

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
 Data File : BG060947.D
 Acq On : 18 Apr 2024 22:40
 Operator : MA/JU
 Sample : P2166-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RPI-SS-DUP-01MSD

Manual Integrations
 APPROVED

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

Quant Time: Apr 19 00:50:13 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	7.941	152	51534	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	201351	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	170289	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	430296	20.000	ng	0.00
76) Chrysene-d12	21.578	240	399692	20.000	ng	0.00
86) Perylene-d12	24.692	264	476360	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	332101	111.936	ng	0.00
7) Phenol-d6	7.106	99	475774	111.317	ng	0.00
23) Nitrobenzene-d5	9.092	82	299714	67.575	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	308311	109.593	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	768806	66.252	ng	0.00
79) Terphenyl-d14	19.938	244	1500870	65.535	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.446	88	46653	38.899	ng	97
3) Pyridine	3.828	79	123744	32.429	ng	94
4) n-Nitrosodimethylamine	3.746	42	97278	39.950	ng	98
6) Aniline	7.265	93	102057	19.598	ng	96
8) 2-Chlorophenol	7.506	128	155098	45.951	ng	95
9) Benzaldehyde	7.077	77	9130	3.978	ng	86
10) Phenol	7.136	94	205743	48.032	ng	99
11) bis(2-Chloroethyl)ether	7.359	93	139204	41.897	ng	94
12) 1,3-Dichlorobenzene	7.829	146	162250	45.242	ng	99
13) 1,4-Dichlorobenzene	7.976	146	167866	45.723	ng	98
14) 1,2-Dichlorobenzene	8.293	146	158521	44.402	ng	100
15) Benzyl Alcohol	8.176	79	151883	41.310	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.458	45	341722	42.558	ng	98
17) 2-Methylphenol	8.381	107	136636	40.371	ng	97
18) Hexachloroethane	9.022	117	61387	47.088	ng	97
19) n-Nitroso-di-n-propyla...	8.740	70	126861	38.968	ng	95
20) 3+4-Methylphenols	8.704	107	192170	40.927	ng	98
22) Acetophenone	8.757	105	243913	42.538	ng	# 98
24) Nitrobenzene	9.133	77	178738	41.062	ng	98
25) Isophorone	9.656	82	342804	41.883	ng	99
26) 2-Nitrophenol	9.844	139	84693	46.314	ng	96
27) 2,4-Dimethylphenol	9.909	122	116616	36.195	ng	97
28) bis(2-Chloroethoxy)met...	10.144	93	193751	42.099	ng	98
29) 2,4-Dichlorophenol	10.385	162	156834	44.865	ng	99
30) 1,2,4-Trichlorobenzene	10.596	180	169428	45.216	ng	94
31) Naphthalene	10.784	128	471299	43.280	ng	99
32) Benzoic acid	10.056	122	125939	48.289	ng	99
33) 4-Chloroaniline	10.890	127	74100	14.519	ng	92
34) Hexachlorobutadiene	11.078	225	120897	45.385	ng	99
35) Caprolactam	11.660	113	57214m	44.360	ng	
36) 4-Chloro-3-methylphenol	12.018	107	188373	44.585	ng	94
37) 2-Methylnaphthalene	12.394	142	347769	42.215	ng	99
38) 1-Methylnaphthalene	12.612	142	334443	43.004	ng	97
40) 1,2,4,5-Tetrachloroben...	12.759	216	235127	44.745	ng	97
41) Hexachlorocyclopentadiene	12.747	237	258621	96.251	ng	99
43) 2,4,6-Trichlorophenol	12.999	196	167162	45.746	ng	96

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 Misc :
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Instrument :
 BNA_G
 ClientSampleId :
 RPI-SS-DUP-01MSD

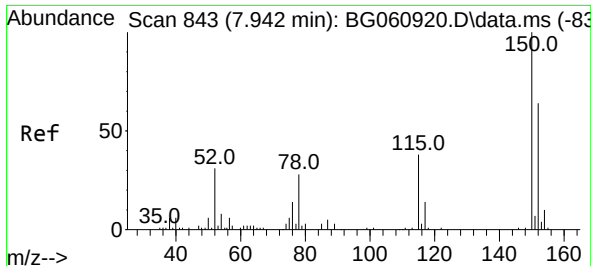
Manual Integrations
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 Supervised By :mohammad ahmed 04/22/2024

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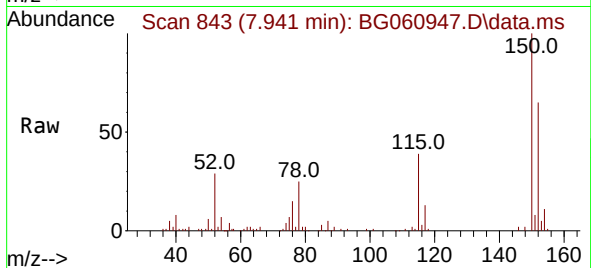
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	189291	42.955	ng	97
46) 1,1'-Biphenyl	13.405	154	511171	44.148	ng	99
47) 2-Chloronaphthalene	13.446	162	403586	45.541	ng	98
48) 2-Nitroaniline	13.640	65	163146	44.863	ng	95
49) Acenaphthylene	14.292	152	691441	46.141	ng	99
50) Dimethylphthalate	14.028	163	563024	41.665	ng	100
51) 2,6-Dinitrotoluene	14.139	165	121600	44.151	ng	97
52) Acenaphthene	14.633	154	385438	42.411	ng	98
53) 3-Nitroaniline	14.468	138	73091	24.175	ng	96
54) 2,4-Dinitrophenol	14.674	184	153809	86.912	ng	95
55) Dibenzofuran	14.968	168	661434	43.084	ng	98
56) 4-Nitrophenol	14.786	139	224819	97.123	ng	98
57) 2,4-Dinitrotoluene	14.927	165	178590	45.377	ng	99
58) Fluorene	15.620	166	542069	42.567	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.197	232	184656	45.614	ng	99
60) Diethylphthalate	15.397	149	569696	42.091	ng	99
61) 4-Chlorophenyl-phenyle...	15.614	204	297088	42.086	ng	100
62) 4-Nitroaniline	15.632	138	130561	40.163	ng	98
63) Azobenzene	15.908	77	553385	43.380	ng	98
65) 4,6-Dinitro-2-methylph...	15.690	198	110834	46.168	ng	97
66) n-Nitrosodiphenylamine	15.826	169	518838	43.924	ng	98
67) 4-Bromophenyl-phenylether	16.507	248	211350	43.845	ng	97
68) Hexachlorobenzene	16.625	284	246033	46.907	ng	96
69) Atrazine	16.783	200	205939	48.511	ng	95
70) Pentachlorophenol	16.965	266	338733	95.359	ng	99
71) Phenanthrene	17.359	178	957098	43.943	ng	99
72) Anthracene	17.447	178	980708	43.835	ng	99
73) Carbazole	17.717	167	872484	44.761	ng	99
74) Di-n-butylphthalate	18.287	149	1032711	44.007	ng	100
75) Fluoranthene	19.368	202	1167018	42.096	ng	99
77) Benzidine	19.551	184	454537	51.557	ng	99
78) Pyrene	19.733	202	1218142	44.428	ng	100
80) Butylbenzylphthalate	20.632	149	458321	45.510	ng	96
81) Benzo(a)anthracene	21.554	228	1272437	45.083	ng	99
82) 3,3'-Dichlorobenzidine	21.472	252	257260	25.596	ng	100
83) Chrysene	21.619	228	1204475	44.696	ng	99
84) Bis(2-ethylhexyl)phtha...	21.489	149	672620	45.168	ng	97
85) Di-n-octyl phthalate	22.676	149	1168004	45.457	ng	99
87) Indeno(1,2,3-cd)pyrene	28.240	276	1557509	47.282	ng	98
88) Benzo(b)fluoranthene	23.710	252	1265461	46.952	ng	98
89) Benzo(k)fluoranthene	23.781	252	1225218	44.436	ng	99
90) Benzo(a)pyrene	24.551	252	1167154	43.923	ng	99
91) Dibenzo(a,h)anthracene	28.305	278	1283272	47.327	ng	98
92) Benzo(g,h,i)perylene	29.339	276	1203831	45.412	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

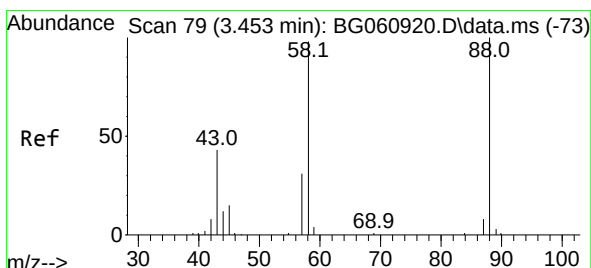
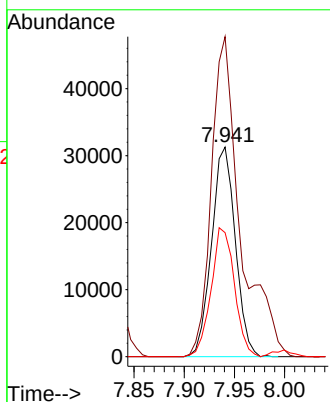
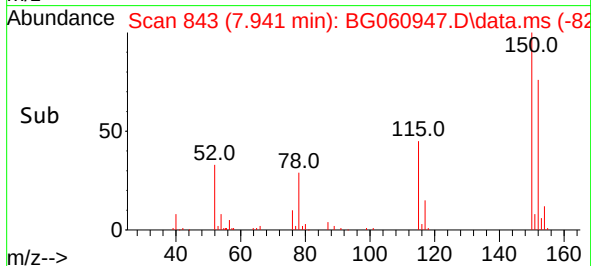
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



Tgt Ion:152 Resp: 51534
Ion Ratio Lower Upper
152 100
150 152.7 125.6 188.4
115 59.2 47.1 70.7

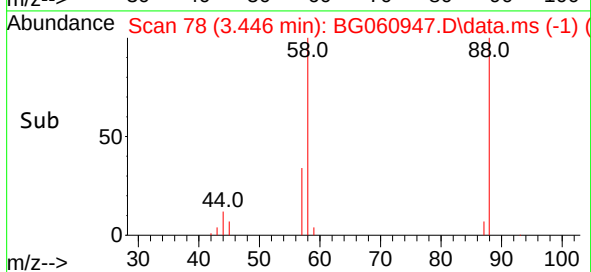
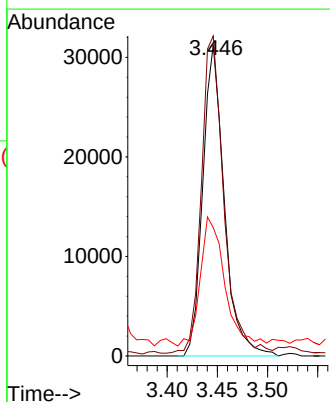
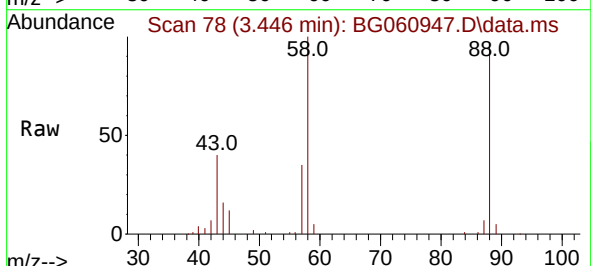
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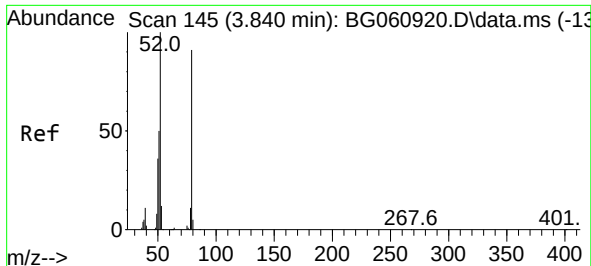
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#2
1,4-Dioxane
Concen: 38.899 ng
RT: 3.446 min Scan# 78
Delta R.T. -0.007 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

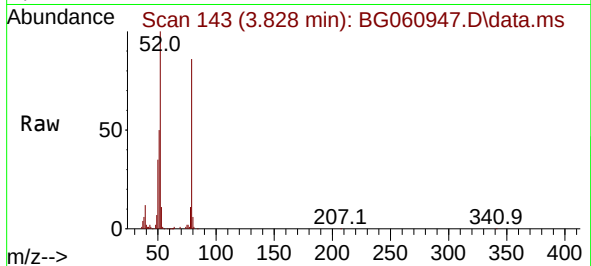
Tgt Ion: 88 Resp: 46653
Ion Ratio Lower Upper
88 100
58 105.6 82.1 123.1
43 46.8 35.2 52.8





#3
 Pyridine
 Concen: 32.429 ng
 RT: 3.828 min Scan# 145
 Delta R.T. -0.013 min
 Lab File: BG060947.D
 Acq: 18 Apr 2024 22:40

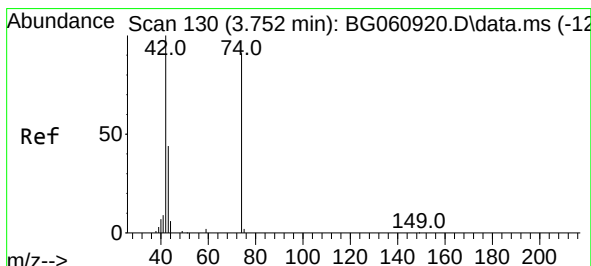
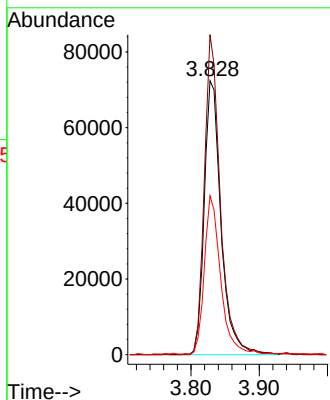
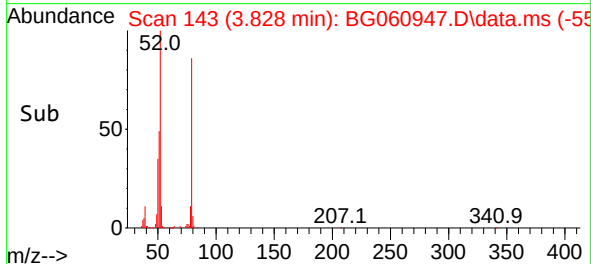
Instrument :
 BNA_G
 ClientSampleId :
 RPI-SS-DUP-01MSD



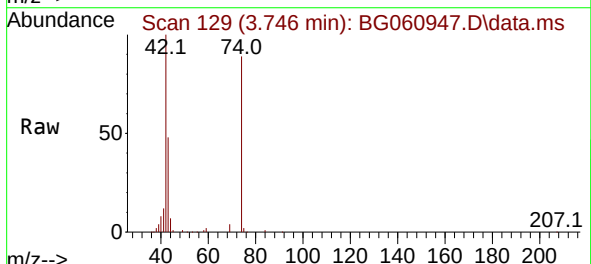
Tgt Ion: 79 Resp: 123744
 Ion Ratio Lower Upper
 79 100
 52 116.8 87.8 131.8
 51 58.0 44.1 66.1

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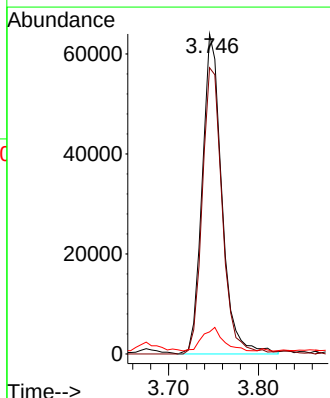
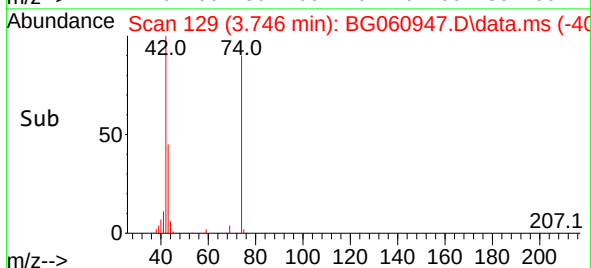
Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024

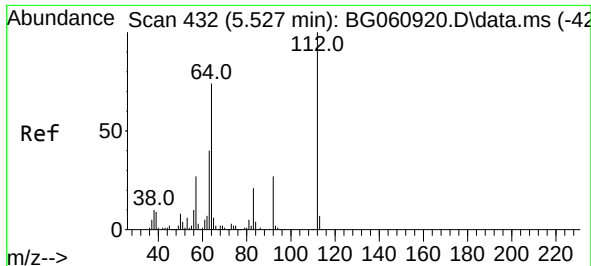


#4
 n-Nitrosodimethylamine
 Concen: 39.950 ng
 RT: 3.746 min Scan# 129
 Delta R.T. -0.007 min
 Lab File: BG060947.D
 Acq: 18 Apr 2024 22:40



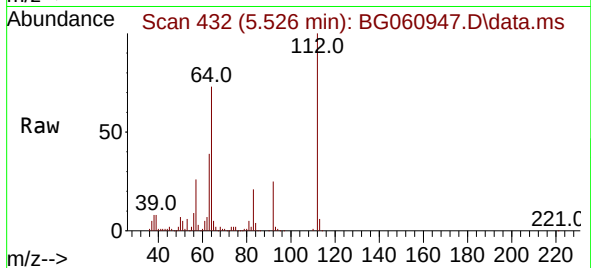
Tgt Ion: 42 Resp: 97278
 Ion Ratio Lower Upper
 42 100
 74 89.4 73.2 109.8
 44 6.9 5.6 8.4





#5
2-Fluorophenol
Concen: 111.936 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

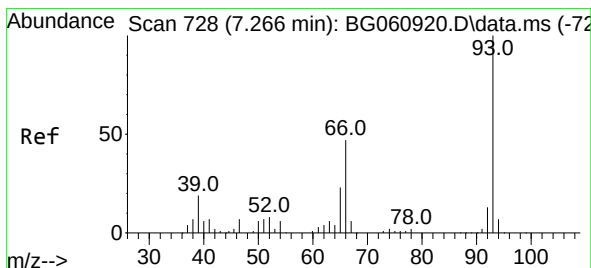
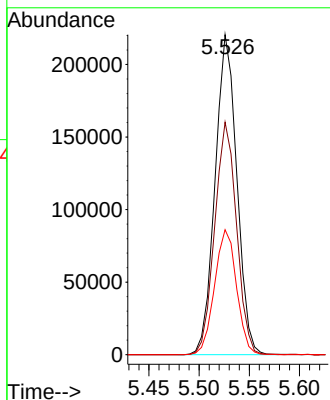
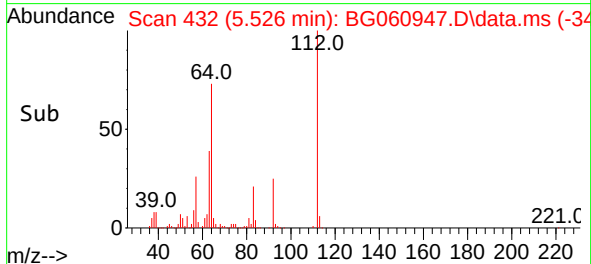
Instrument :
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ClientSampleId :
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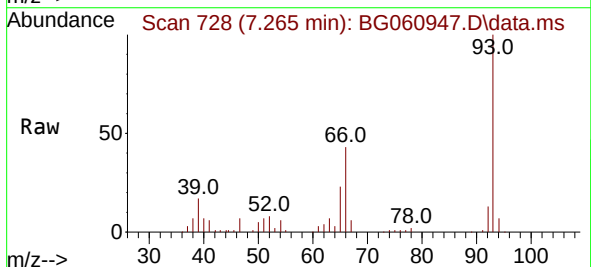
Tgt Ion:112 Resp: 33210
Ion Ratio Lower Upper
112 100
64 72.6 58.9 88.3
63 39.0 32.1 48.1

Manual Integrations
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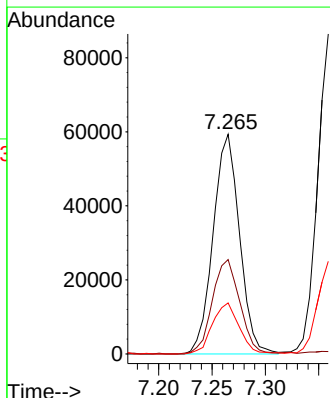
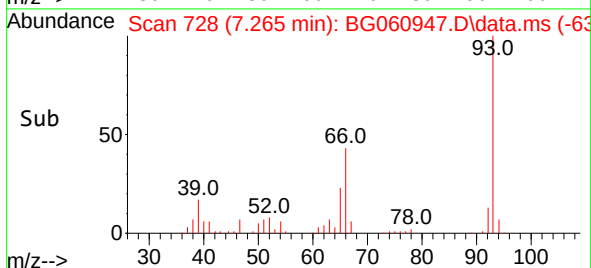
Reviewed By :Yogesh Patel 04/22/2024
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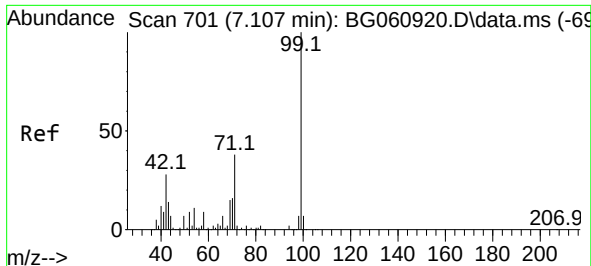


#6
Aniline
Concen: 19.598 ng
RT: 7.265 min Scan# 728
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40



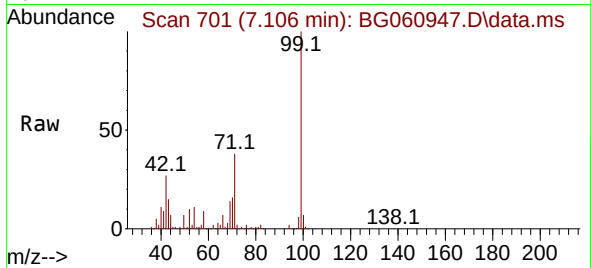
Tgt Ion: 93 Resp: 102057
Ion Ratio Lower Upper
93 100
66 42.9 37.8 56.8
65 23.2 18.7 28.1





#7
Phenol-d6
Concen: 111.317 ng
RT: 7.106 min Scan# 701
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

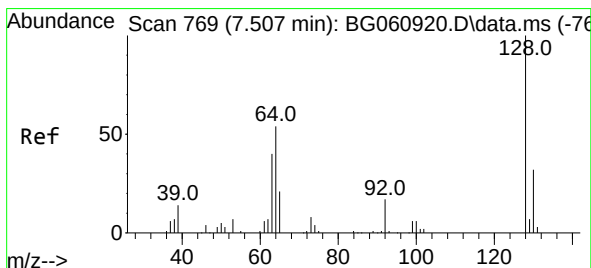
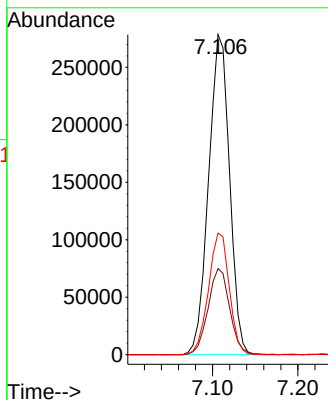
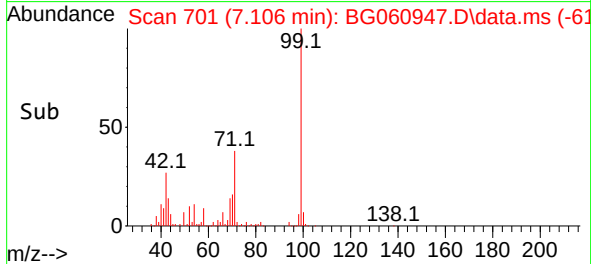
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



Tgt Ion: 99 Resp: 475774
Ion Ratio Lower Upper
99 100
42 26.9 22.2 33.2
71 38.0 30.5 45.7

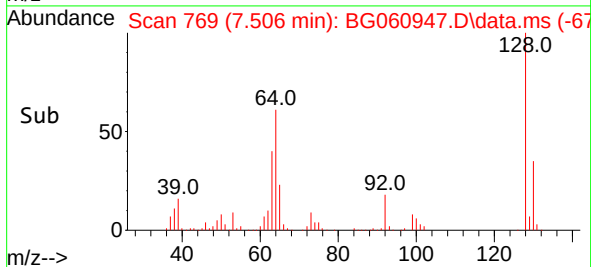
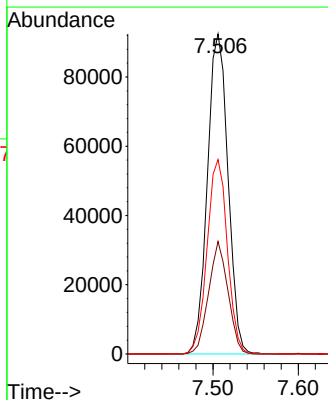
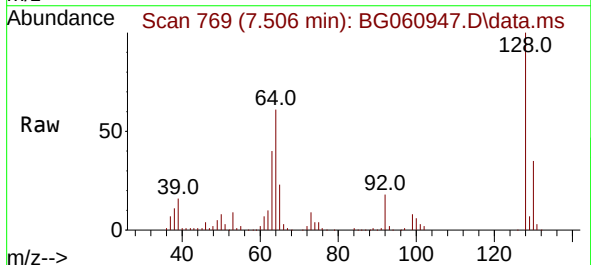
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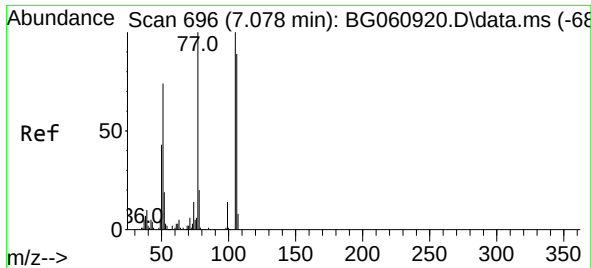
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#8
2-Chlorophenol
Concen: 45.951 ng
RT: 7.506 min Scan# 769
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

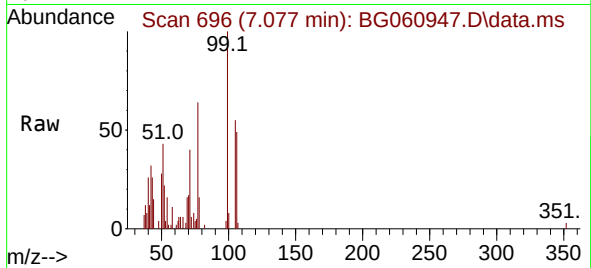
Tgt Ion:128 Resp: 155098
Ion Ratio Lower Upper
128 100
130 35.1 11.7 51.7
64 60.8 37.8 77.8





#9
Benzaldehyde
Concen: 3.978 ng
RT: 7.077 min Scan# 696
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

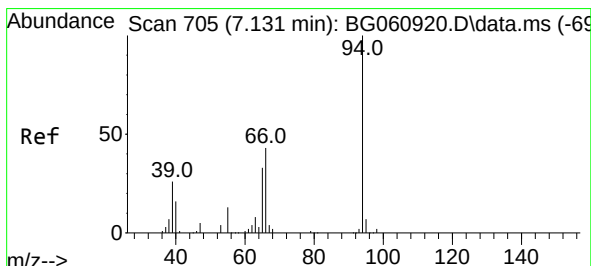
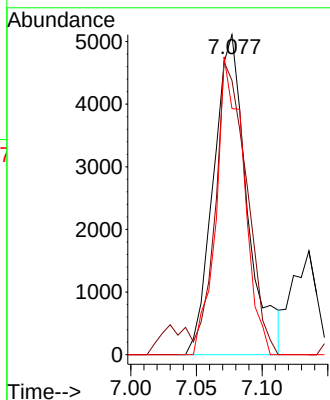
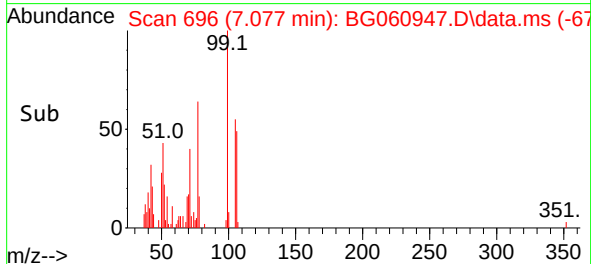
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



Tgt Ion: 77 Resp: 9130
Ion Ratio Lower Upper
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105 85.7 79.9 119.9
106 76.9 69.3 109.3

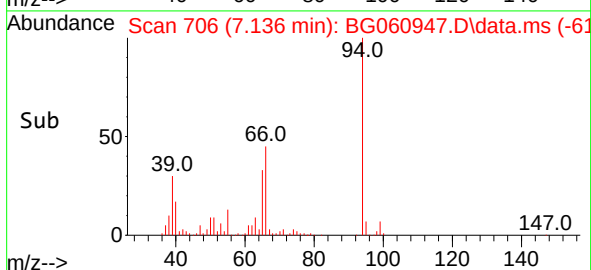
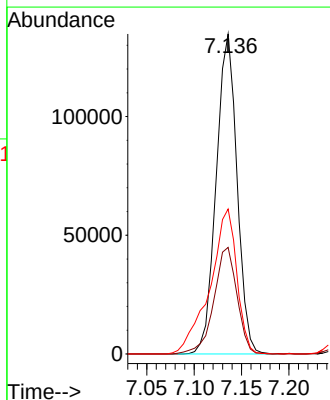
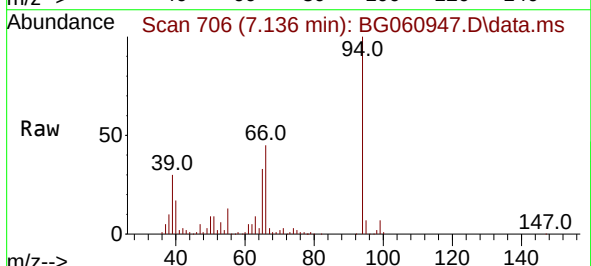
Manual Integrations
APPROVED

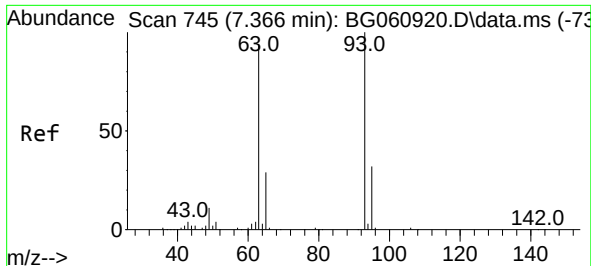
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#10
Phenol
Concen: 48.032 ng
RT: 7.136 min Scan# 706
Delta R.T. 0.005 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

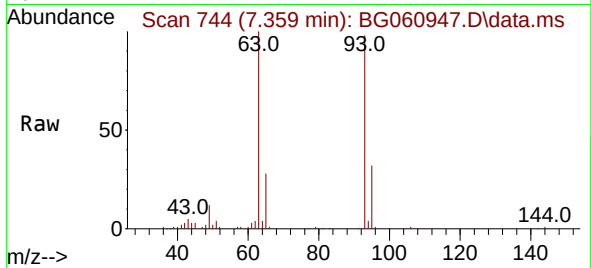
Tgt Ion: 94 Resp: 205743
Ion Ratio Lower Upper
94 100
65 33.3 13.6 53.6
66 45.3 24.3 64.3





#11
bis(2-Chloroethyl)ether
Concen: 41.897 ng
RT: 7.359 min Scan# 745
Delta R.T. -0.007 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

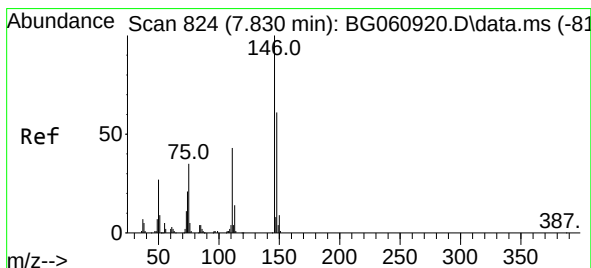
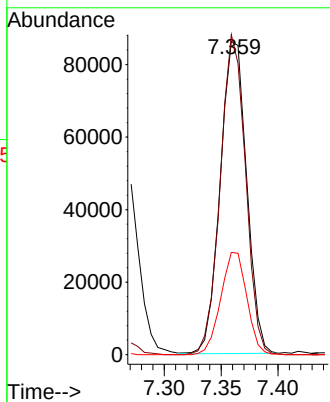
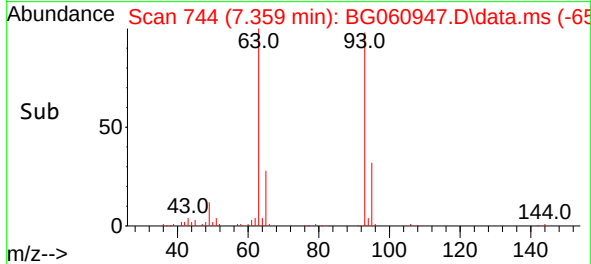
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



Tgt Ion: 93 Resp: 139204
Ion Ratio Lower Upper
93 100
63 102.1 74.0 114.0
95 32.6 12.7 52.7

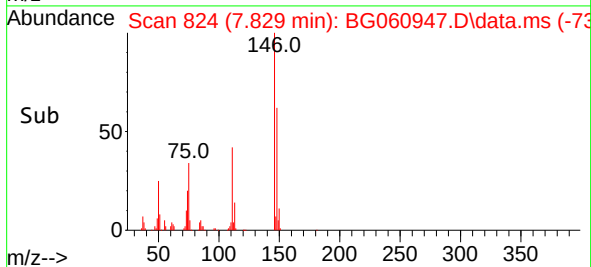
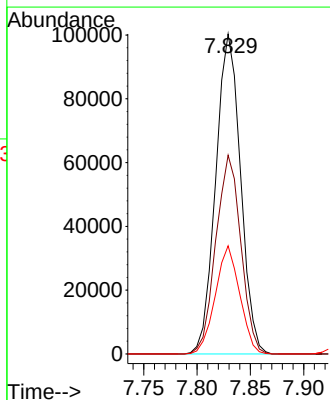
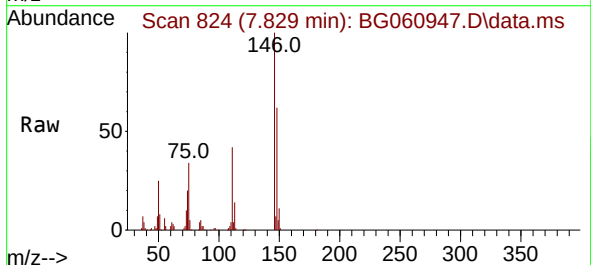
Manual Integrations
APPROVED

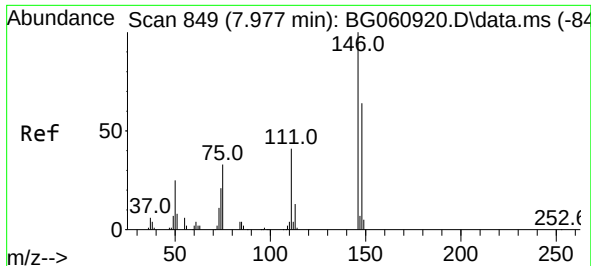
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#12
1,3-Dichlorobenzene
Concen: 45.242 ng
RT: 7.829 min Scan# 824
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

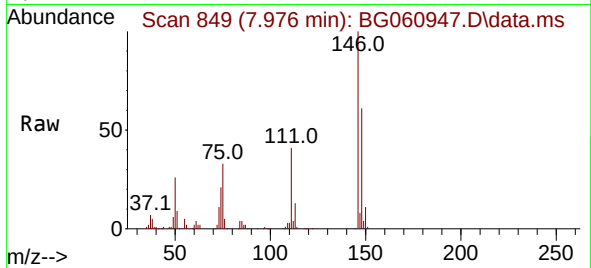
Tgt Ion:146 Resp: 162250
Ion Ratio Lower Upper
146 100
148 62.1 49.0 73.6
75 33.8 27.8 41.6





#13
1,4-Dichlorobenzene
Concen: 45.723 ng
RT: 7.976 min Scan# 849
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

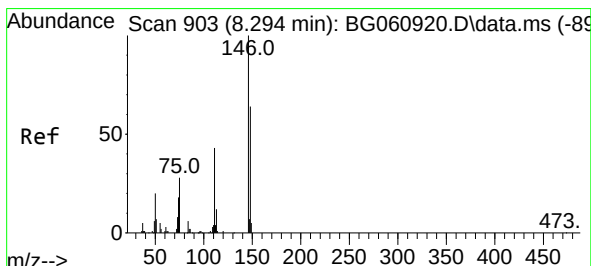
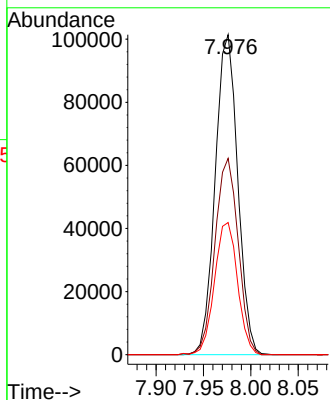
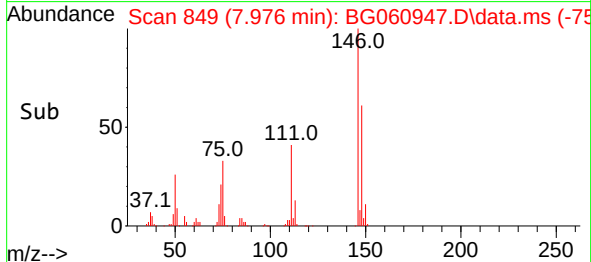
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



Tgt Ion:146 Resp: 167860
Ion Ratio Lower Upper
146 100
148 61.4 51.4 77.2
111 41.3 32.8 49.2

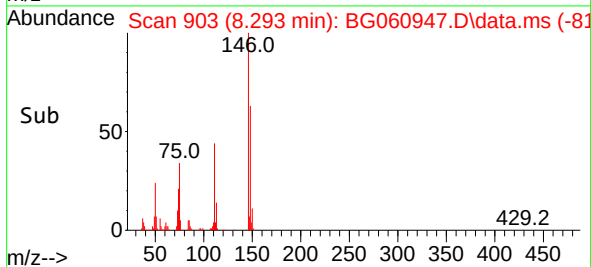
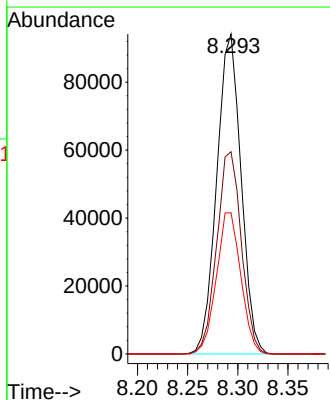
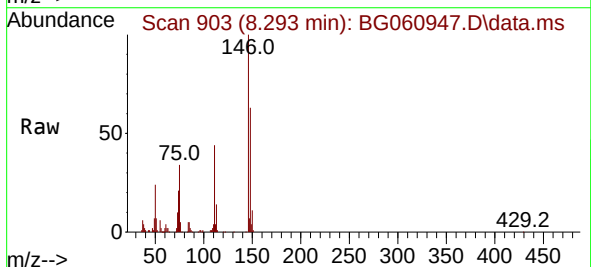
Manual Integrations
APPROVED

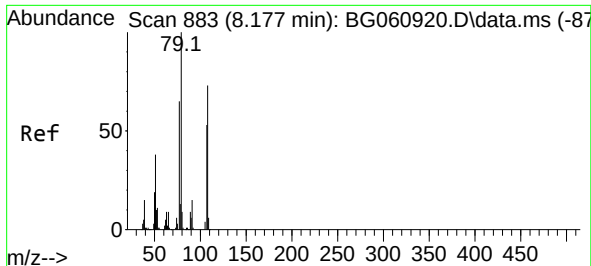
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#14
1,2-Dichlorobenzene
Concen: 44.402 ng
RT: 8.293 min Scan# 903
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

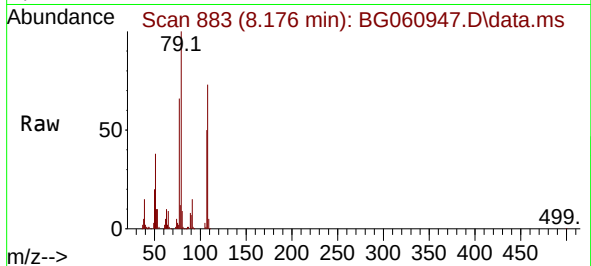
Tgt Ion:146 Resp: 158521
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.4
111 44.2 35.2 52.8





#15
Benzyl Alcohol
Concen: 41.310 ng
RT: 8.176 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

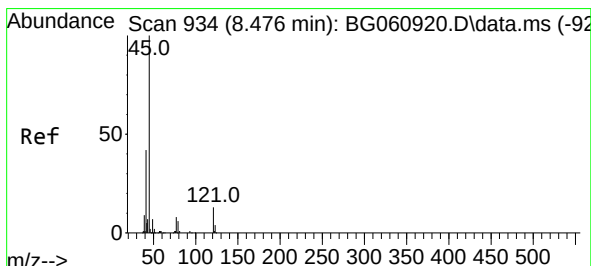
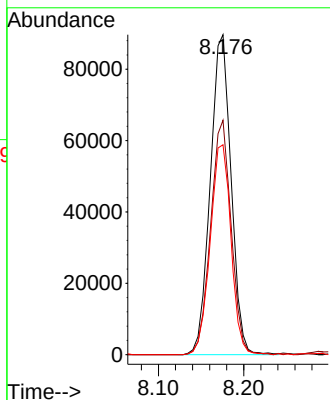
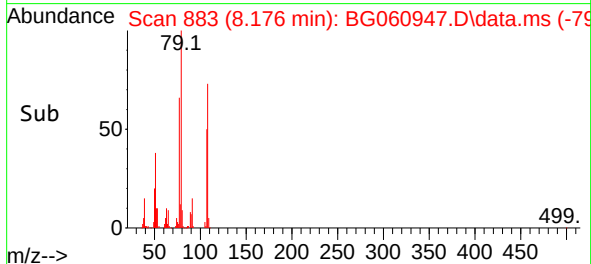
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



Tgt Ion: 79 Resp: 15188
Ion Ratio Lower Upper
79 100
108 73.3 58.6 87.8
77 65.6 51.9 77.9

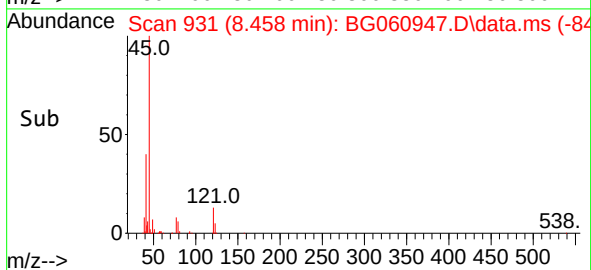
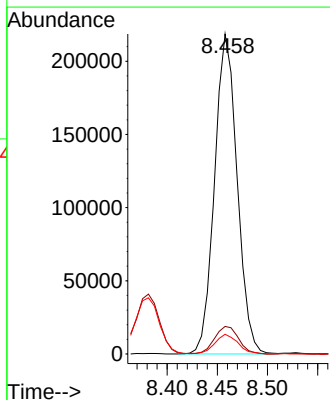
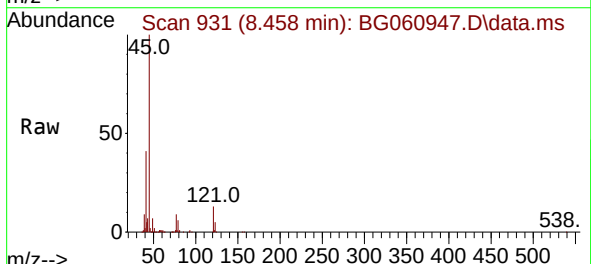
Manual Integrations
APPROVED

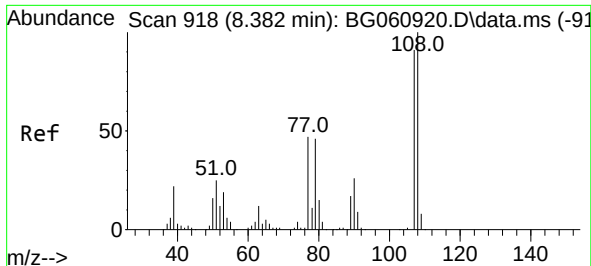
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.558 ng
RT: 8.458 min Scan# 931
Delta R.T. -0.019 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

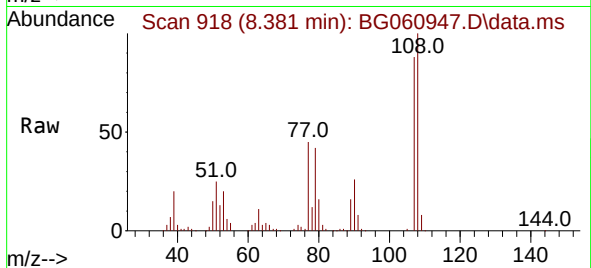
Tgt Ion: 45 Resp: 341722
Ion Ratio Lower Upper
45 100
77 8.6 0.0 29.0
79 6.1 0.0 27.2





#17
2-Methylphenol
Concen: 40.371 ng
RT: 8.381 min Scan# 918
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

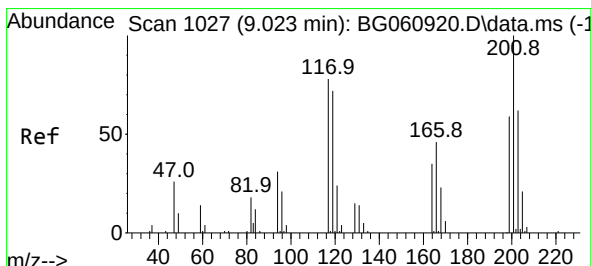
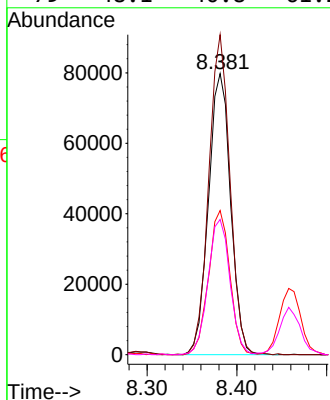
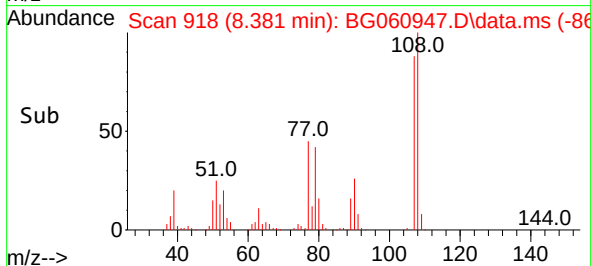
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



Tgt Ion:	107	Resp:	136630
Ion Ratio	Lower	Upper	
107	100		
108	113.8	88.3	132.5
77	51.3	41.4	62.0
79	48.1	40.8	61.2

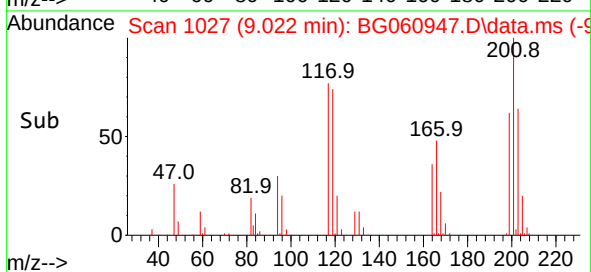
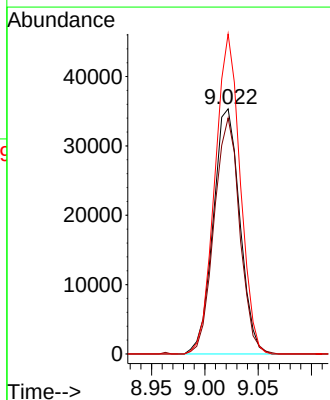
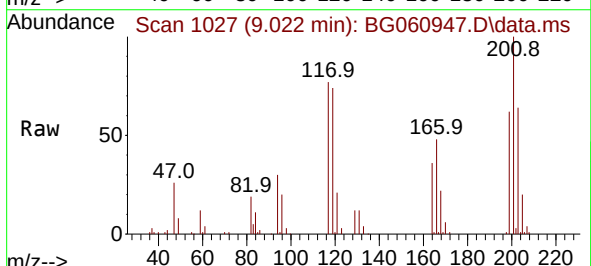
Manual Integrations
APPROVED

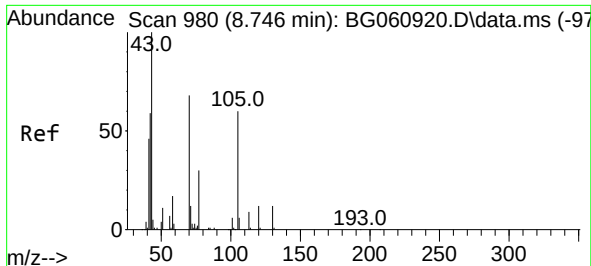
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#18
Hexachloroethane
Concen: 47.088 ng
RT: 9.022 min Scan# 1027
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

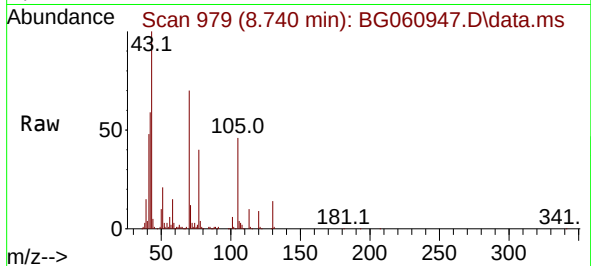
Tgt Ion:	117	Resp:	61387
Ion Ratio	Lower	Upper	
117	100		
119	96.3	73.8	110.6
201	130.5	102.9	154.3





#19
n-Nitroso-di-n-propylamine
Concen: 38.968 ng
RT: 8.740 min Scan# 91
Delta R.T. -0.007 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

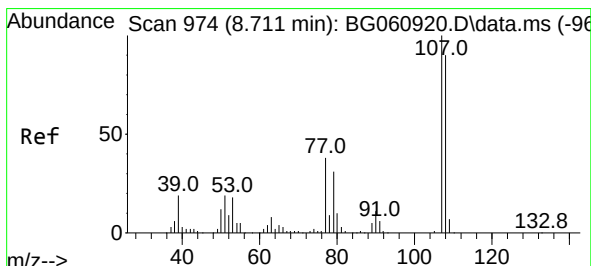
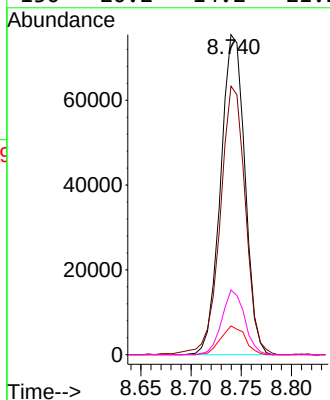
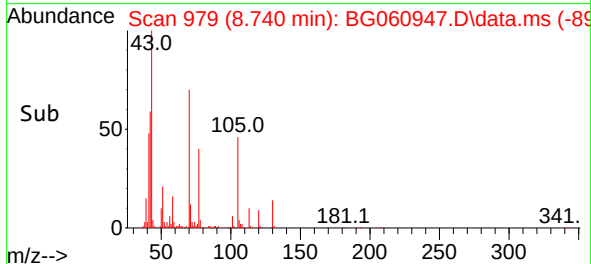
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



Tgt Ion: 70 Resp: 12686
Ion Ratio Lower Upper
70 100
42 83.9 70.9 106.3
101 9.0 7.0 10.4
130 20.2 14.2 21.2

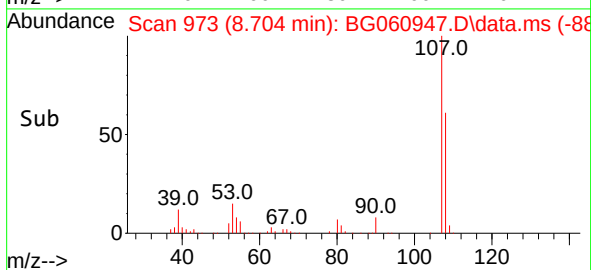
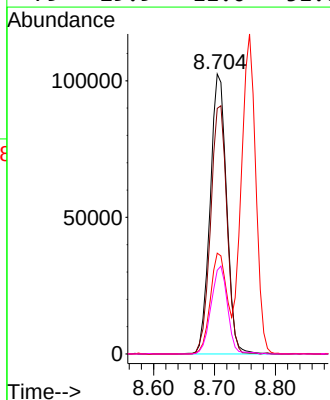
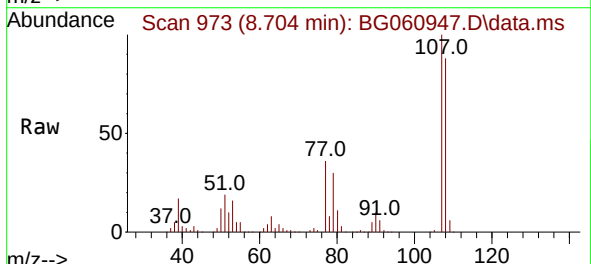
Manual Integrations
APPROVED

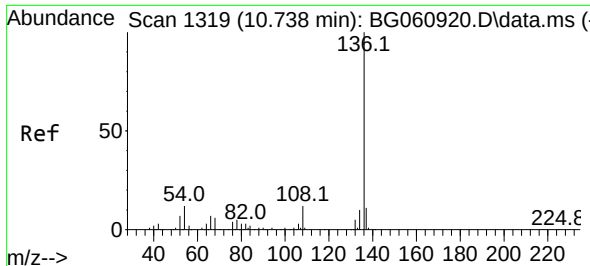
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#20
3+4-Methylphenols
Concen: 40.927 ng
RT: 8.704 min Scan# 973
Delta R.T. -0.007 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

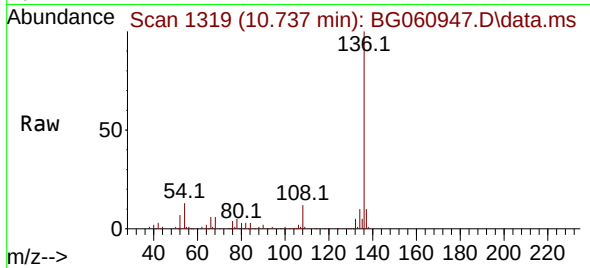
Tgt Ion:107 Resp: 192170
Ion Ratio Lower Upper
107 100
108 87.7 69.9 109.9
77 36.0 17.5 57.5
79 29.9 11.0 51.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

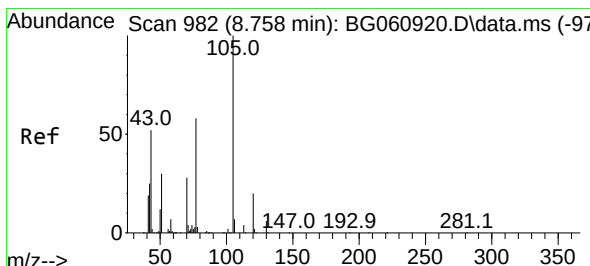
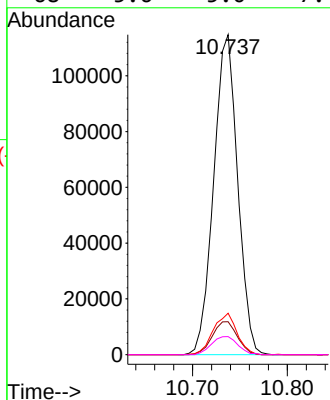
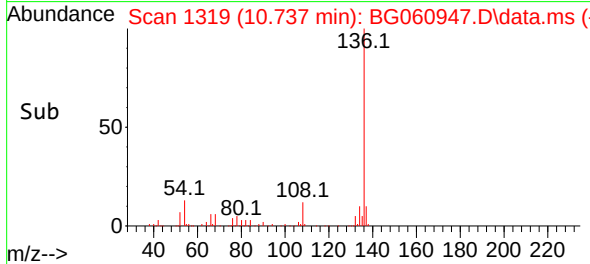
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



Tgt Ion:136 Resp: 20135
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 13.0 9.8 14.8
68 5.6 5.0 7.4

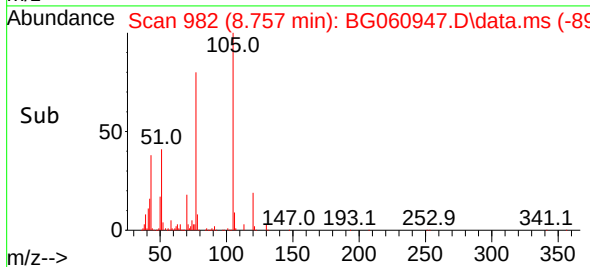
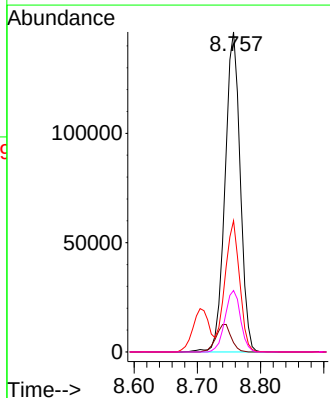
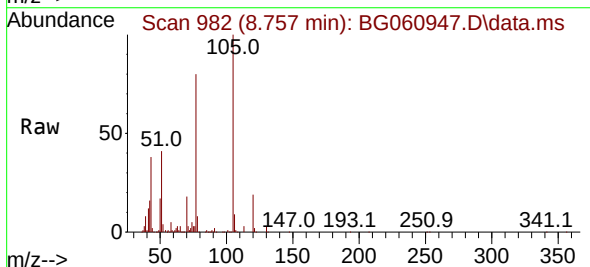
Manual Integrations
APPROVED

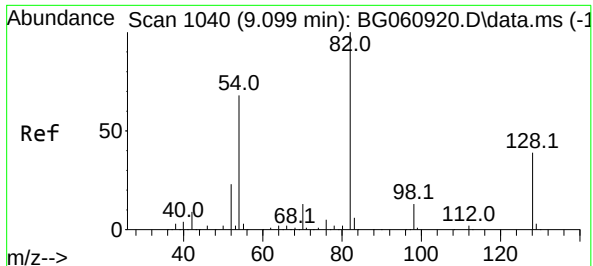
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#22
Acetophenone
Concen: 42.538 ng
RT: 8.757 min Scan# 982
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

Tgt Ion:105 Resp: 243913
Ion Ratio Lower Upper
105 100
71 2.9 3.8 5.6#
51 41.0 32.1 48.1
120 19.2 16.1 24.1





#23

Nitrobenzene-d5

Concen: 67.575 ng

RT: 9.092 min Scan# 1039

Delta R.T. -0.007 min

Lab File: BG060947.D

Acq: 18 Apr 2024 22:40

Instrument :

BNA_G

ClientSampleId :

RPI-SS-DUP-01MSD

Tgt Ion: 82 Resp: 299714

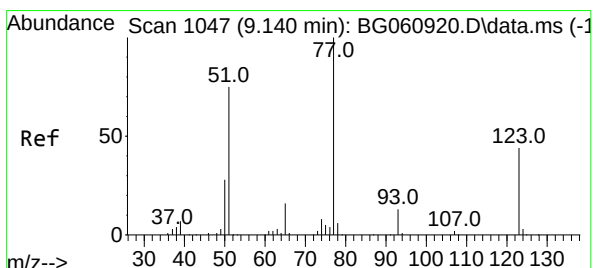
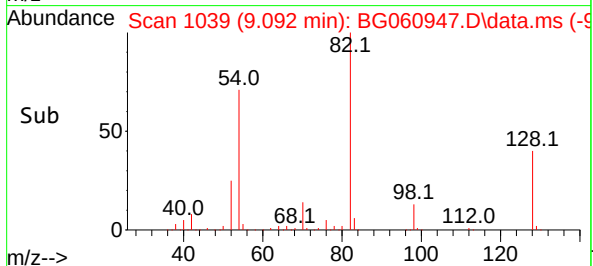
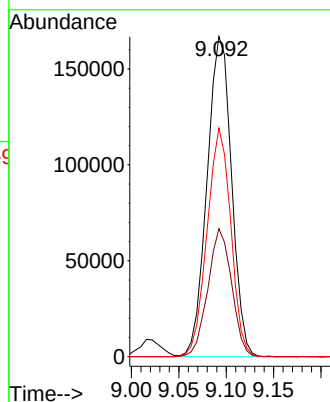
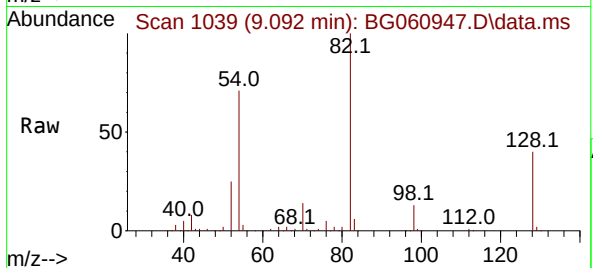
Ion	Ratio	Lower	Upper
82	100		
128	40.0	31.4	47.0
54	71.4	54.2	81.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#24

Nitrobenzene

Concen: 41.062 ng

RT: 9.133 min Scan# 1046

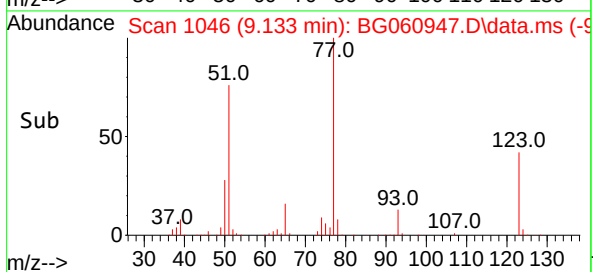
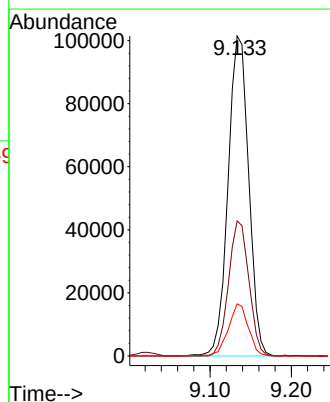
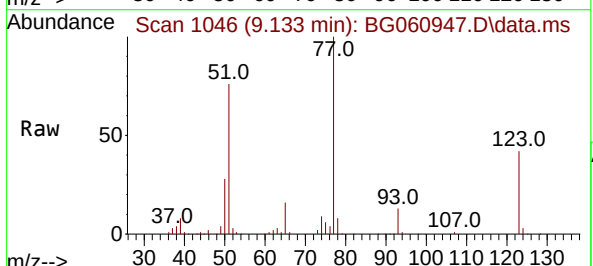
Delta R.T. -0.007 min

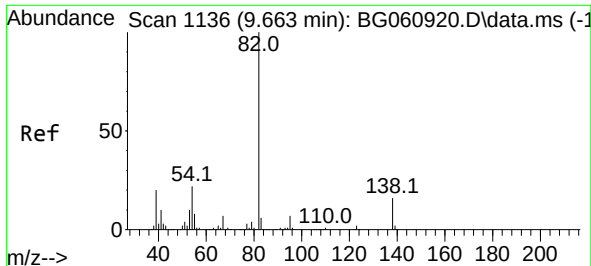
Lab File: BG060947.D

Acq: 18 Apr 2024 22:40

Tgt Ion: 77 Resp: 178738

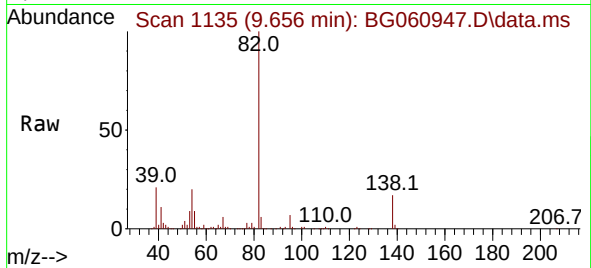
Ion	Ratio	Lower	Upper
77	100		
123	42.2	34.8	52.2
65	16.3	12.6	19.0





#25
Isophorone
Concen: 41.883 ng
RT: 9.656 min Scan# 1135
Delta R.T. -0.007 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

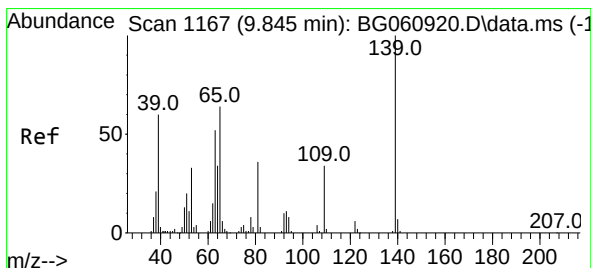
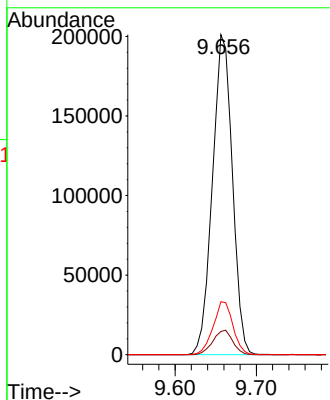
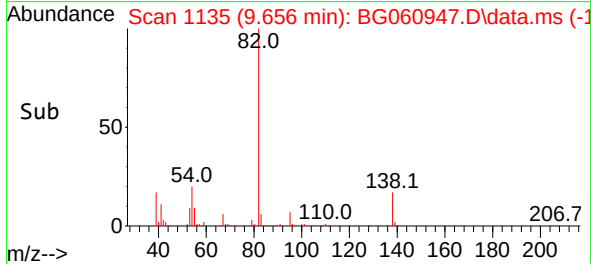
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



Tgt Ion: 82 Resp: 342804
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 16.6 12.7 19.1

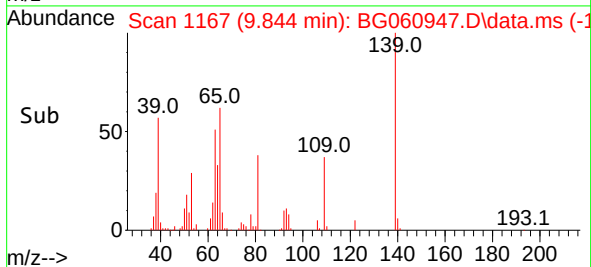
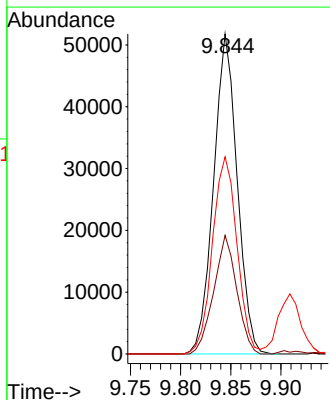
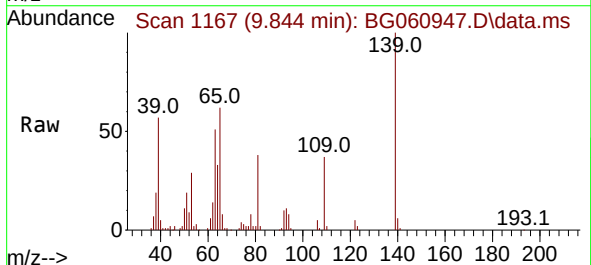
Manual Integrations
APPROVED

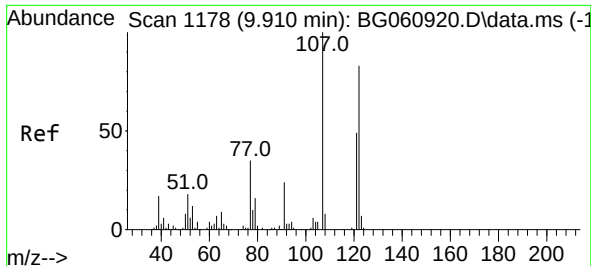
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#26
2-Nitrophenol
Concen: 46.314 ng
RT: 9.844 min Scan# 1167
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

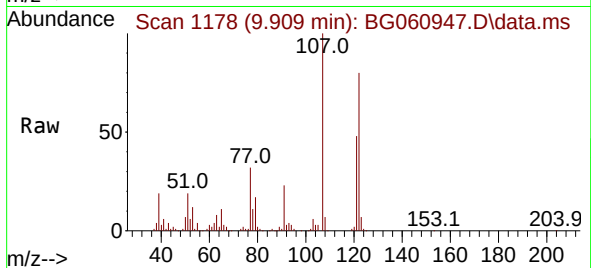
Tgt Ion:139 Resp: 84693
Ion Ratio Lower Upper
139 100
109 37.1 26.9 40.3
65 61.6 51.4 77.2





#27
2,4-Dimethylphenol
Concen: 36.195 ng
RT: 9.909 min Scan# 1178
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

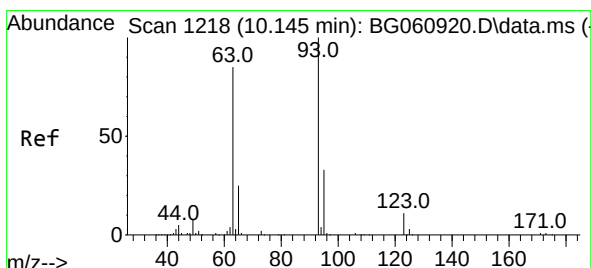
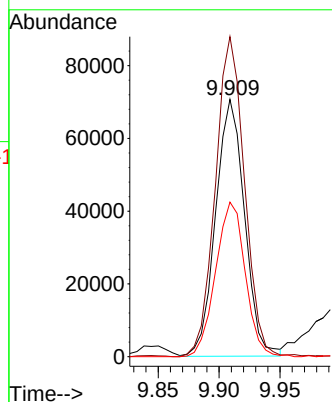
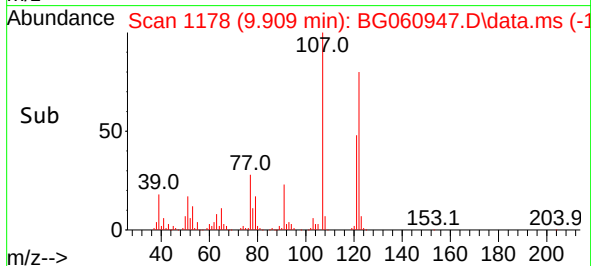
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



Tgt Ion:122 Resp: 116610
Ion Ratio Lower Upper
122 100
107 124.4 96.6 144.8
121 60.1 47.0 70.4

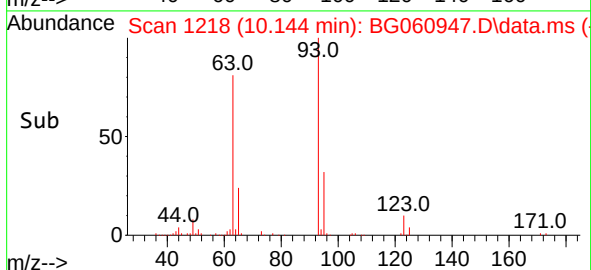
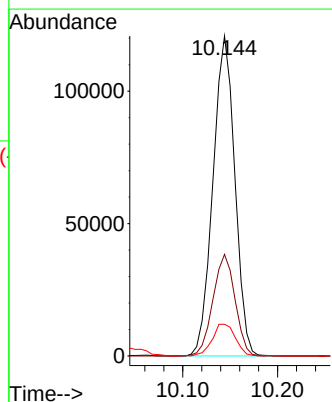
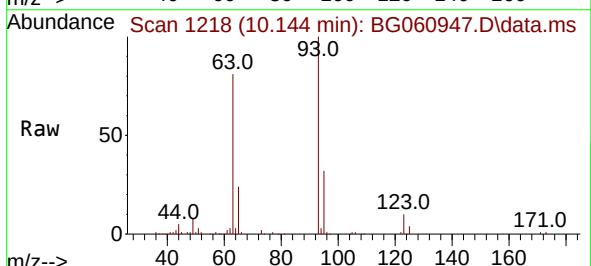
Manual Integrations
APPROVED

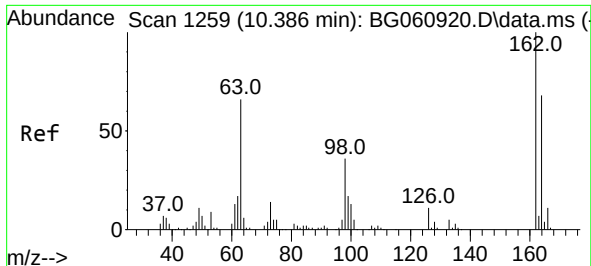
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#28
bis(2-Chloroethoxy)methane
Concen: 42.099 ng
RT: 10.144 min Scan# 1218
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

Tgt Ion: 93 Resp: 193751
Ion Ratio Lower Upper
93 100
95 31.8 26.2 39.4
123 9.9 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 44.865 ng

RT: 10.385 min Scan# 1259

Delta R.T. -0.001 min

Lab File: BG060947.D

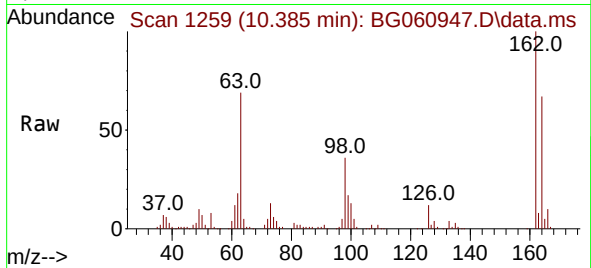
Acq: 18 Apr 2024 22:40

Instrument :

BNA_G

ClientSampleId :

RPI-SS-DUP-01MSD



Tgt Ion:162 Resp: 156834

Ion Ratio Lower Upper

162 100

164 67.4 48.1 88.1

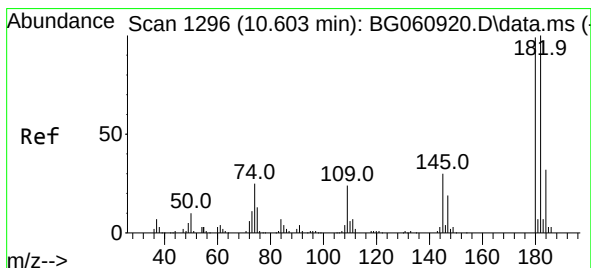
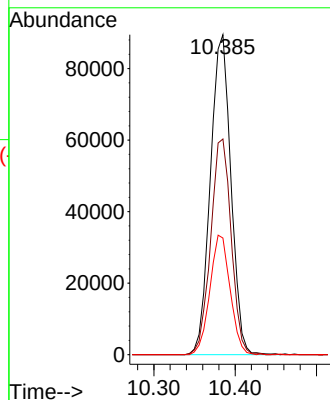
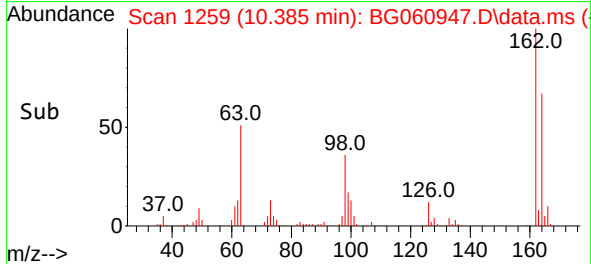
98 36.4 16.1 56.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#30

1,2,4-Trichlorobenzene

Concen: 45.216 ng

RT: 10.596 min Scan# 1295

Delta R.T. -0.007 min

Lab File: BG060947.D

Acq: 18 Apr 2024 22:40

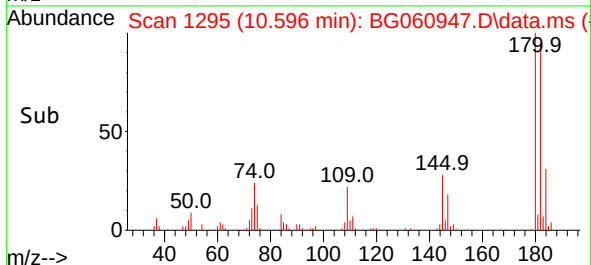
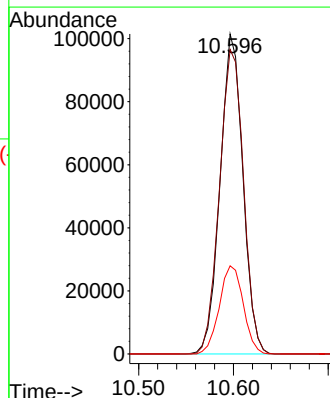
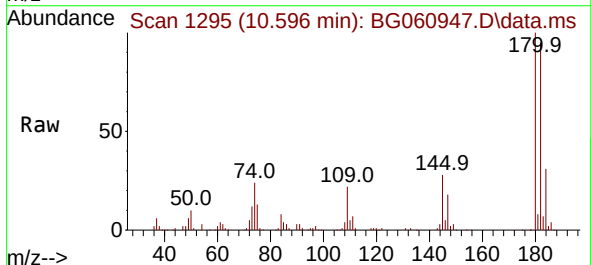
Tgt Ion:180 Resp: 169428

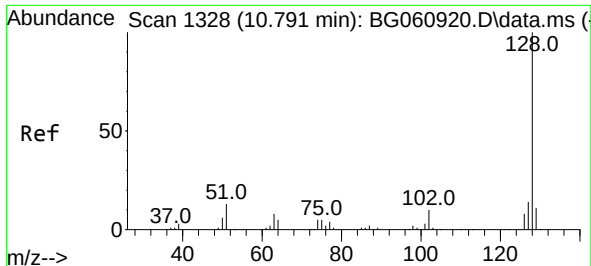
Ion Ratio Lower Upper

180 100

182 95.1 81.0 121.4

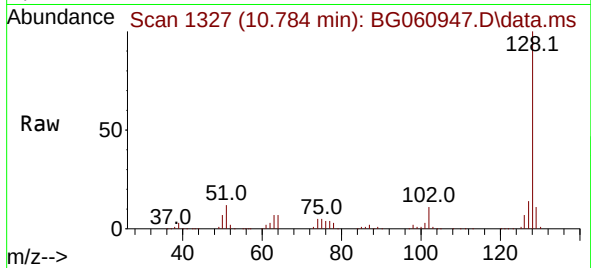
145 27.5 24.1 36.1





#31
Naphthalene
Concen: 43.280 ng
RT: 10.784 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

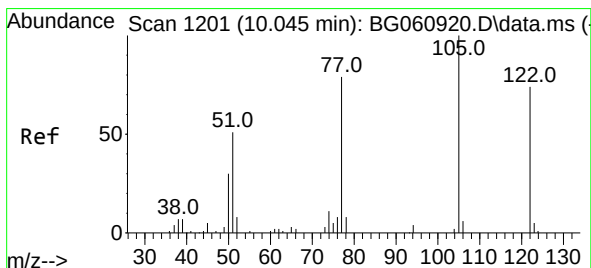
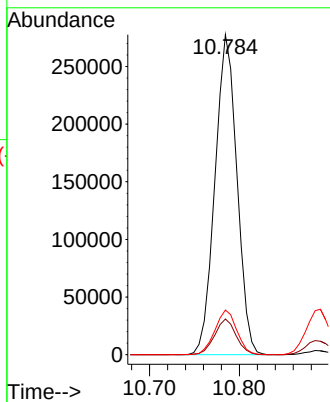
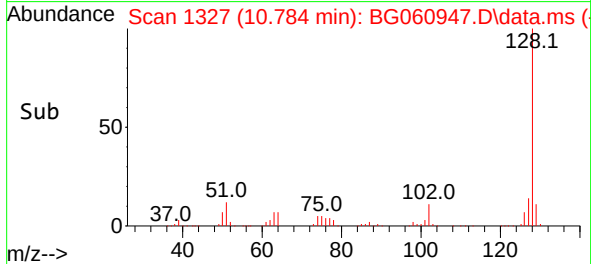
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



Tgt Ion:128 Resp: 471299
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 14.0 11.3 16.9

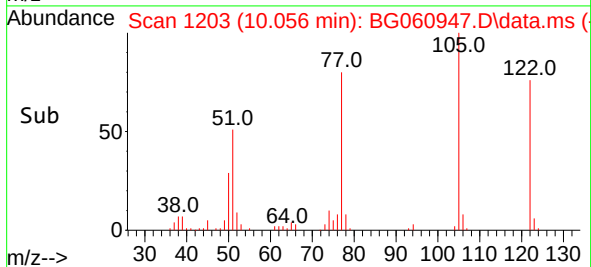
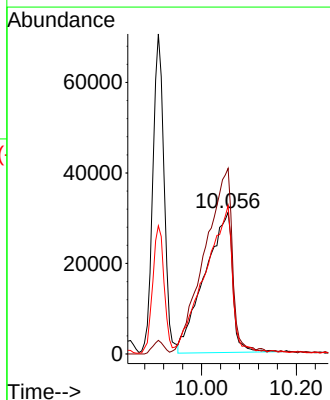
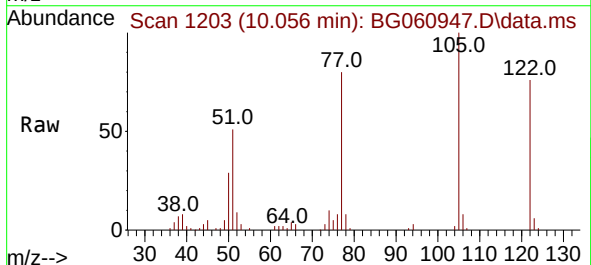
Manual Integrations
APPROVED

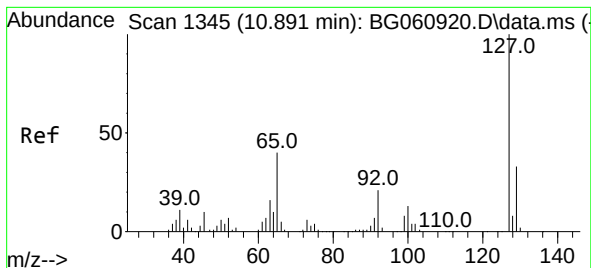
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#32
Benzoic acid
Concen: 48.289 ng
RT: 10.056 min Scan# 1203
Delta R.T. 0.011 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

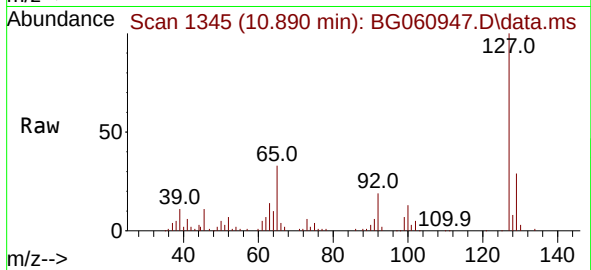
Tgt Ion:122 Resp: 125939
Ion Ratio Lower Upper
122 100
105 131.1 109.8 149.8
77 104.8 84.1 124.1





#33
4-Chloroaniline
Concen: 14.519 ng
RT: 10.890 min Scan# 1345
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD

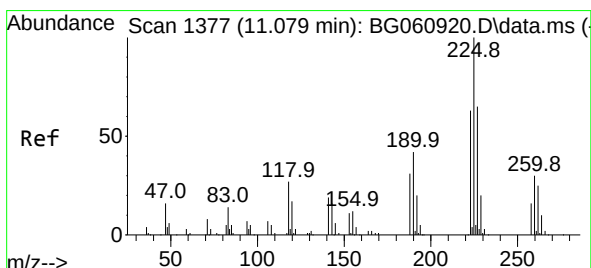
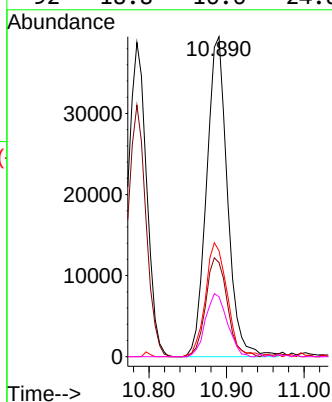
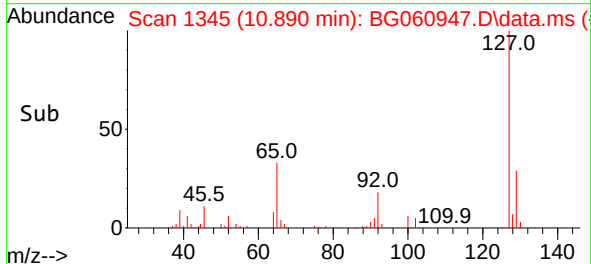


Tgt Ion:127 Resp: 74100

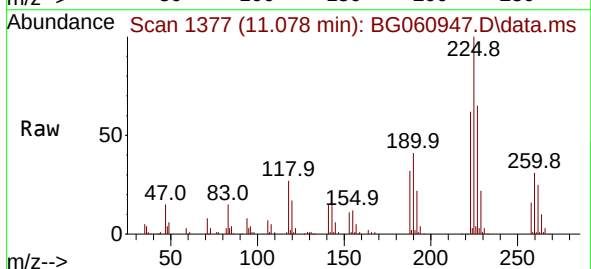
Ion	Ratio	Lower	Upper
127	100		
129	29.4	26.8	40.2
65	33.1	32.3	48.5
92	18.8	16.6	24.8

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

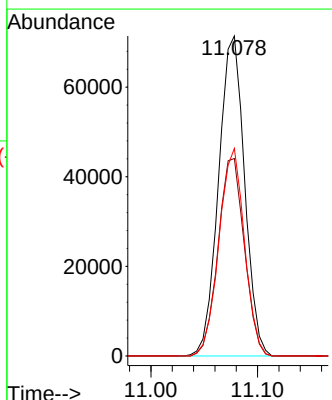
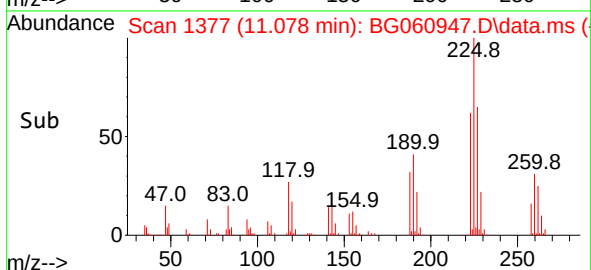


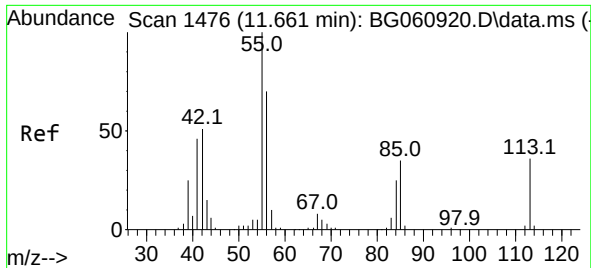
#34
Hexachlorobutadiene
Concen: 45.385 ng
RT: 11.078 min Scan# 1377
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40



Tgt Ion:225 Resp: 120897

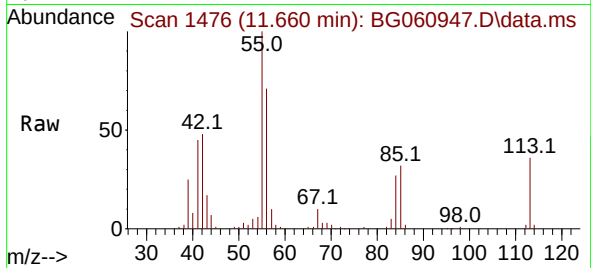
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.2	75.2
227	64.8	51.7	77.5





#35
 Caprolactam
 Concen: 44.360 ng m
 RT: 11.660 min Scan# 1476
 Delta R.T. -0.001 min
 Lab File: BG060947.D
 Acq: 18 Apr 2024 22:40

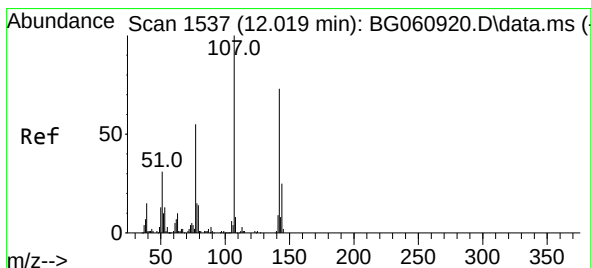
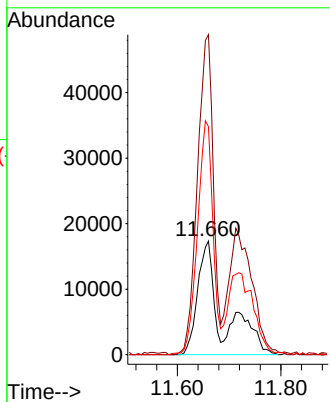
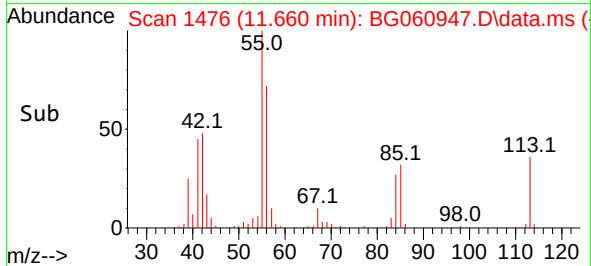
Instrument :
 BNA_G
 ClientSampleId :
 RPI-SS-DUP-01MSD



Tgt Ion:113 Resp: 57214
 Ion Ratio Lower Upper
 113 100
 55 281.6 262.6 302.6
 56 200.6 177.0 217.0

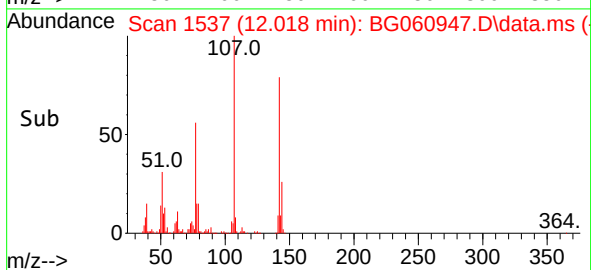
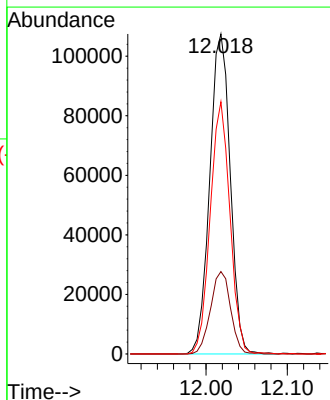
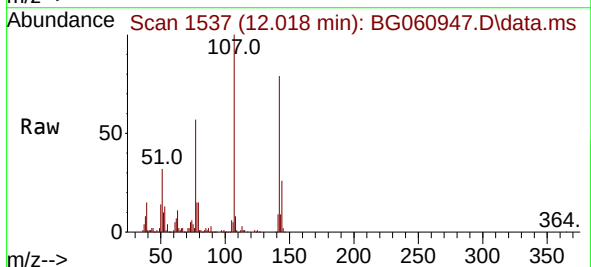
Manual Integrations
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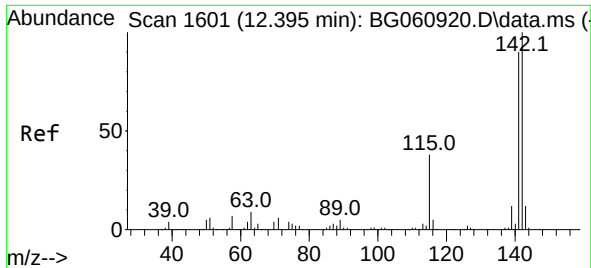
Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024



#36
 4-Chloro-3-methylphenol
 Concen: 44.585 ng
 RT: 12.018 min Scan# 1537
 Delta R.T. -0.001 min
 Lab File: BG060947.D
 Acq: 18 Apr 2024 22:40

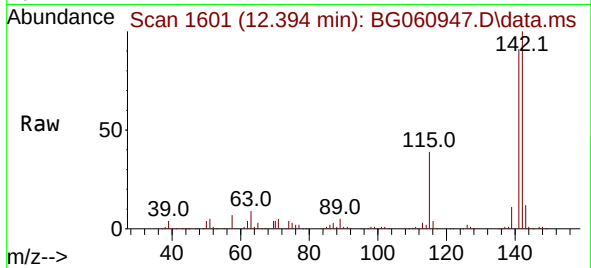
Tgt Ion:107 Resp: 188373
 Ion Ratio Lower Upper
 107 100
 144 25.8 19.7 29.5
 142 78.8 58.2 87.2





#37
2-Methylnaphthalene
Concen: 42.215 ng
RT: 12.394 min Scan# 1601
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

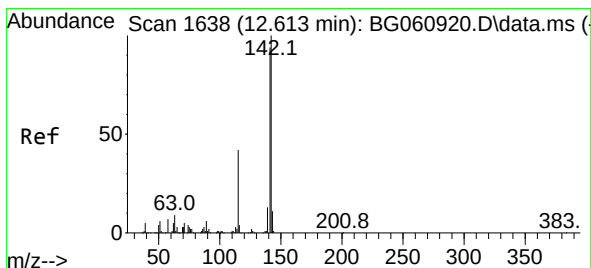
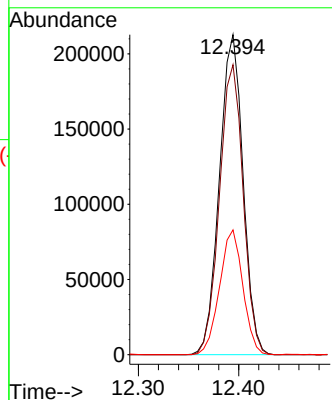
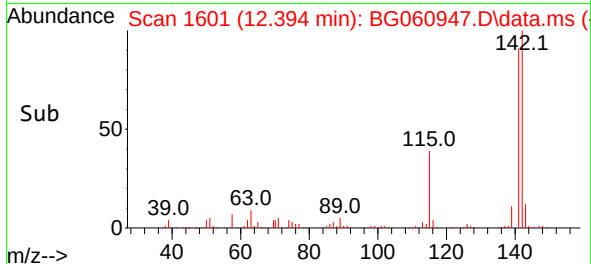
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



Tgt Ion:142 Resp: 347769
Ion Ratio Lower Upper
142 100
141 90.6 71.7 107.5
115 39.0 30.6 45.8

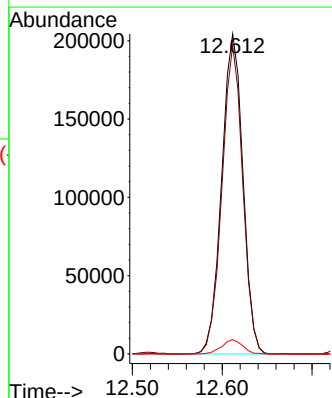
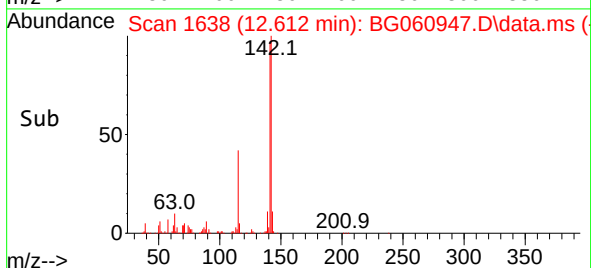
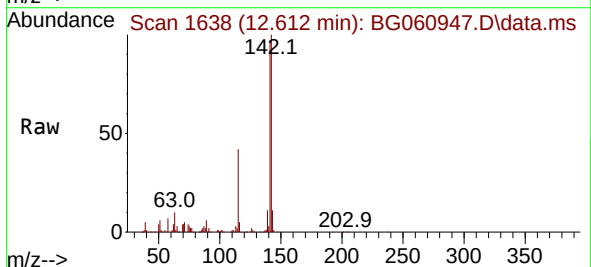
Manual Integrations
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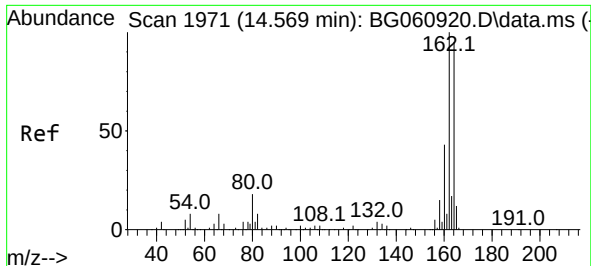
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#38
1-Methylnaphthalene
Concen: 43.004 ng
RT: 12.612 min Scan# 1638
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

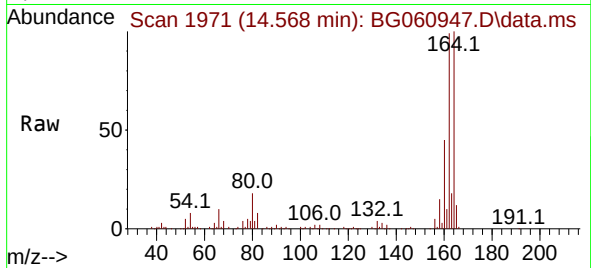
Tgt Ion:142 Resp: 334443
Ion Ratio Lower Upper
142 100
141 96.6 75.1 112.7
116 4.5 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1971
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

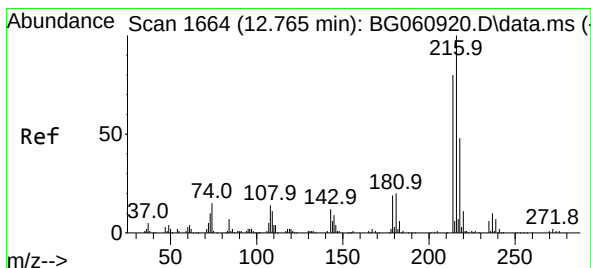
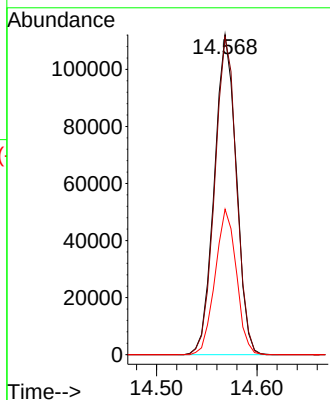
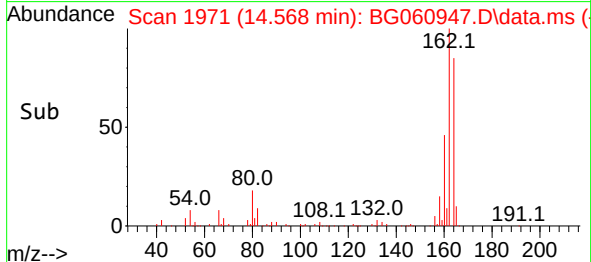
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



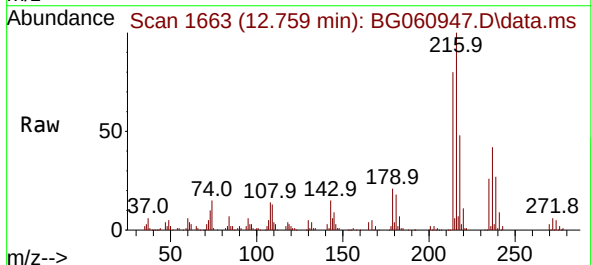
Tgt Ion:164 Resp: 170289
Ion Ratio Lower Upper
164 100
162 99.3 84.1 126.1
160 45.5 35.9 53.9

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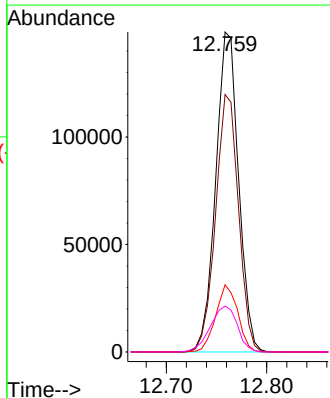
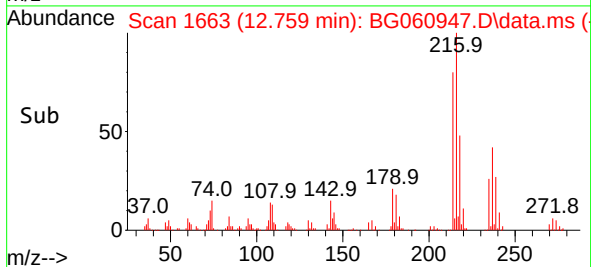
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

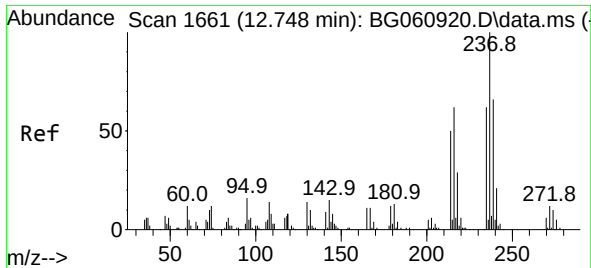


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.745 ng
RT: 12.759 min Scan# 1663
Delta R.T. -0.007 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40



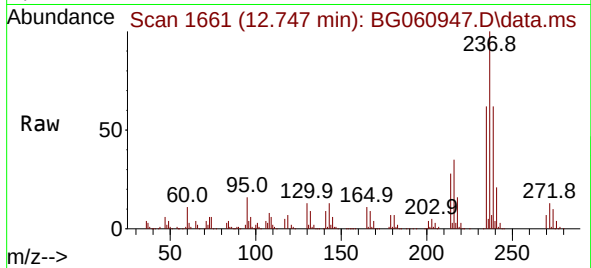
Tgt Ion:216 Resp: 235127
Ion Ratio Lower Upper
216 100
214 80.5 62.8 94.2
179 20.3 15.2 22.8
108 16.9 12.1 18.1





#41
Hexachlorocyclopentadiene
Concen: 96.251 ng
RT: 12.747 min Scan# 1661
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

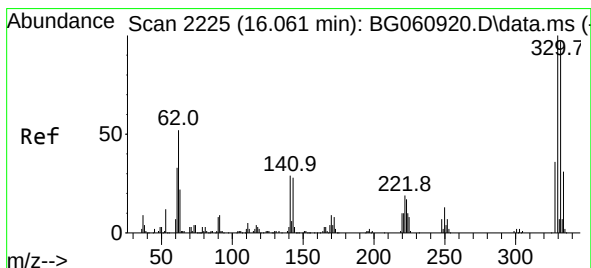
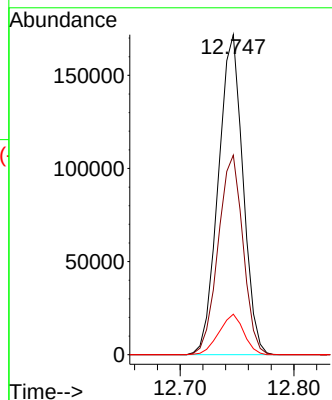
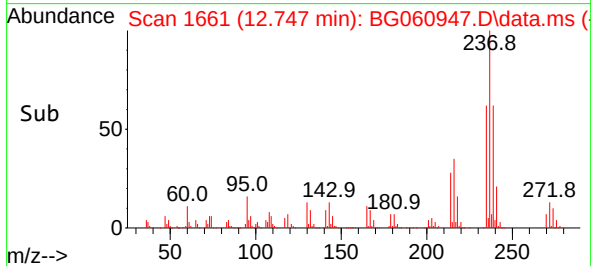
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



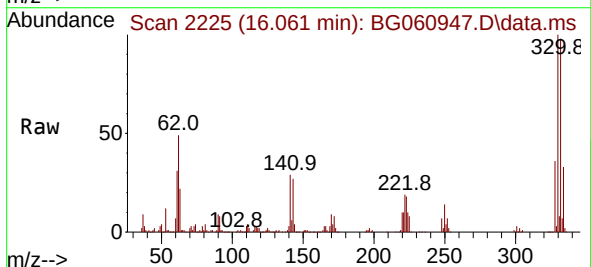
Tgt Ion:237 Resp: 25862
Ion Ratio Lower Upper
237 100
235 62.3 41.8 81.8
272 12.7 0.0 32.2

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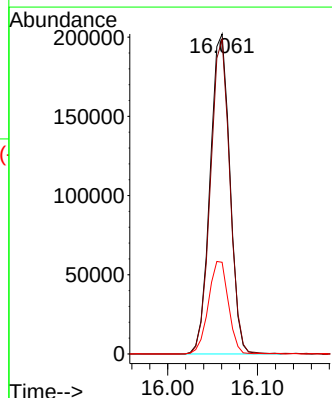
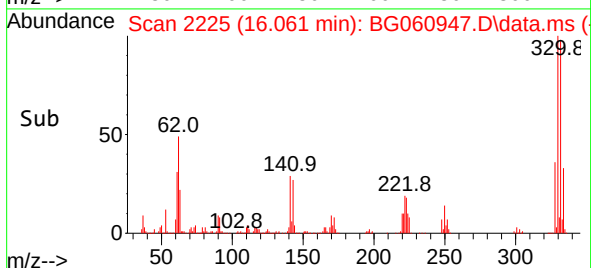
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

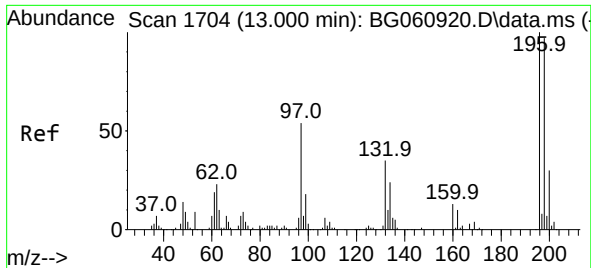


#42
2,4,6-Tribromophenol
Concen: 109.593 ng
RT: 16.061 min Scan# 2225
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40



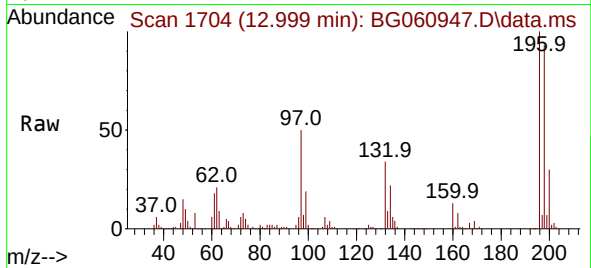
Tgt Ion:330 Resp: 308311
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 29.3 23.7 35.5





#43
2,4,6-Trichlorophenol
Concen: 45.746 ng
RT: 12.999 min Scan# 1704
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

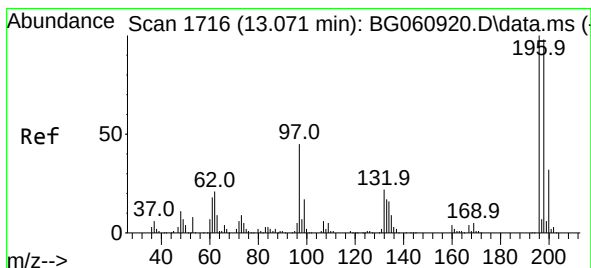
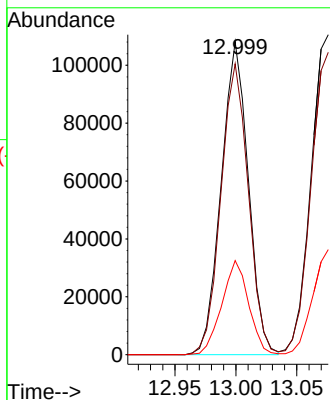
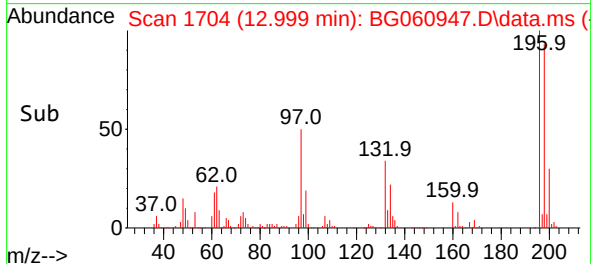
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



Tgt Ion:196 Resp: 16716
Ion Ratio Lower Upper
196 100
198 92.9 77.9 116.9
200 30.1 24.3 36.5

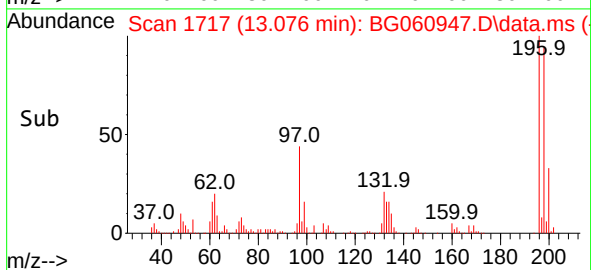
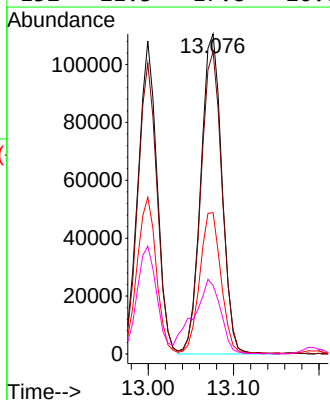
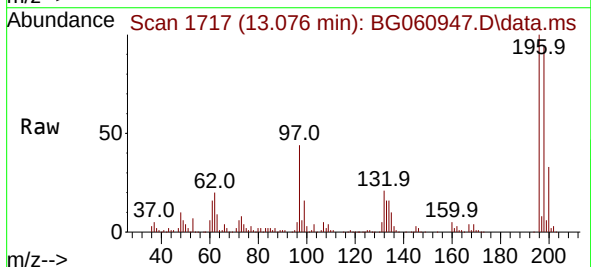
Manual Integrations
APPROVED

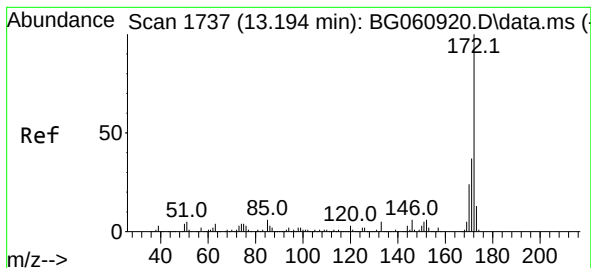
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#44
2,4,5-Trichlorophenol
Concen: 42.955 ng
RT: 13.076 min Scan# 1717
Delta R.T. 0.005 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

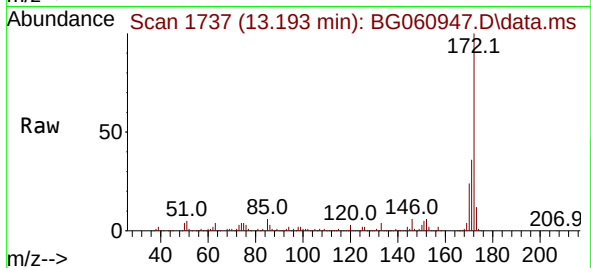
Tgt Ion:196 Resp: 189291
Ion Ratio Lower Upper
196 100
198 94.5 78.2 117.4
97 44.2 35.9 53.9
132 21.3 17.8 26.6





#45
2-Fluorobiphenyl
Concen: 66.252 ng
RT: 13.193 min Scan# 1737
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

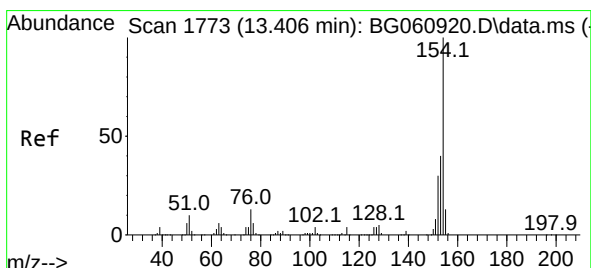
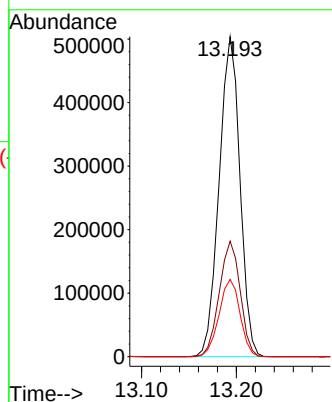
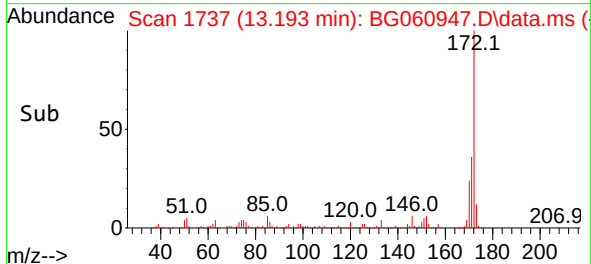
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



Tgt Ion:172 Resp: 768800
Ion Ratio Lower Upper
172 100
171 36.1 29.3 43.9
170 24.1 19.5 29.3

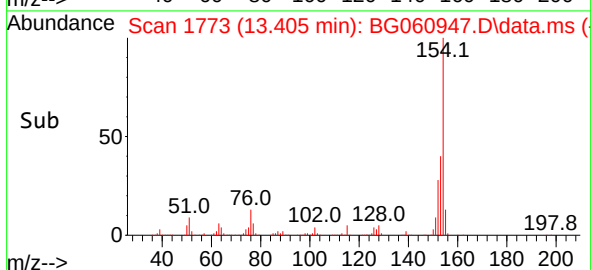
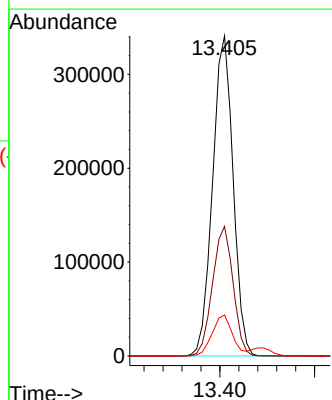
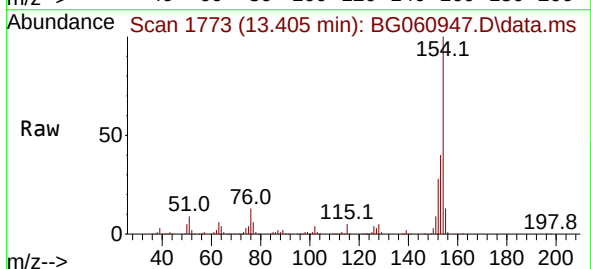
Manual Integrations
APPROVED

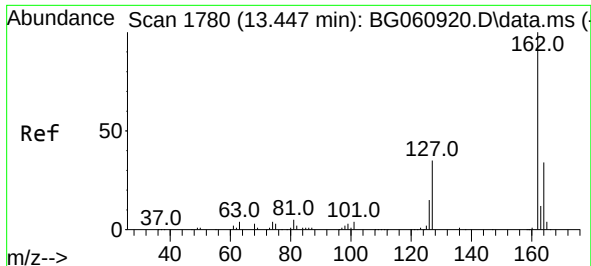
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#46
1,1'-Biphenyl
Concen: 44.148 ng
RT: 13.405 min Scan# 1773
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

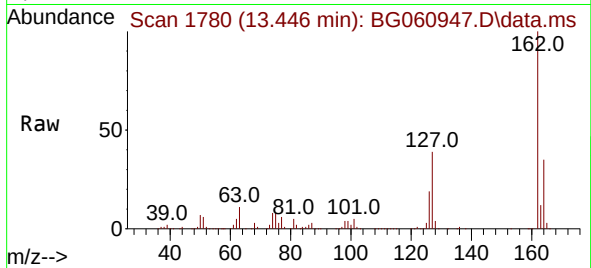
Tgt Ion:154 Resp: 511171
Ion Ratio Lower Upper
154 100
153 40.5 19.9 59.9
76 12.8 0.0 32.7





#47
2-Chloronaphthalene
Concen: 45.541 ng
RT: 13.446 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

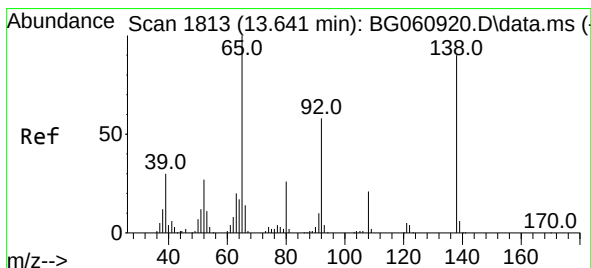
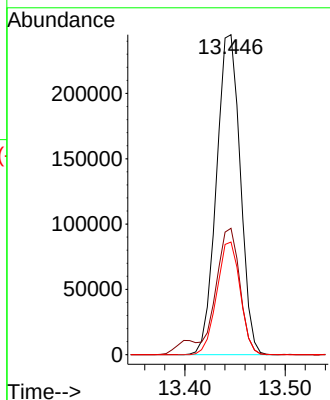
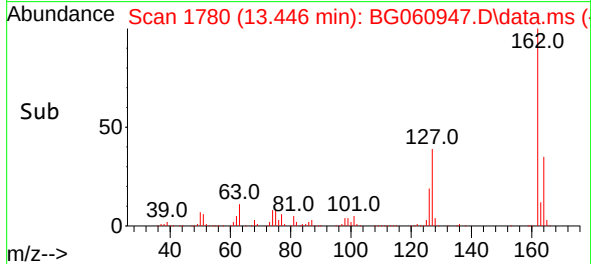
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



Tgt Ion:162 Resp: 403580
Ion Ratio Lower Upper
162 100
127 39.5 31.0 46.6
164 35.2 27.2 40.8

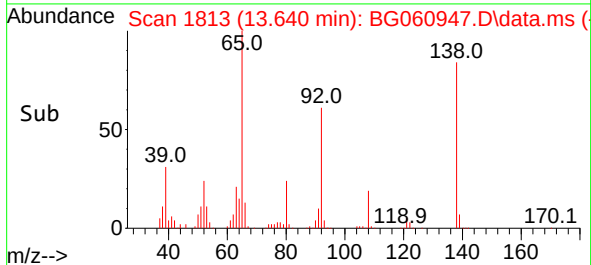
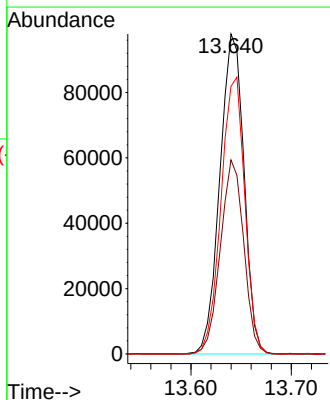
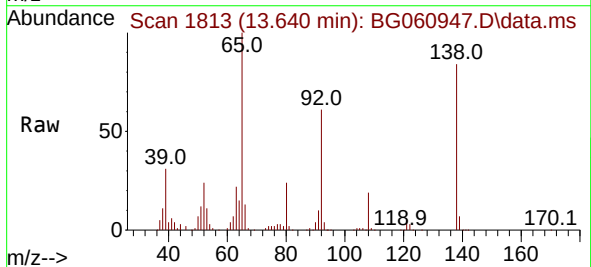
Manual Integrations
APPROVED

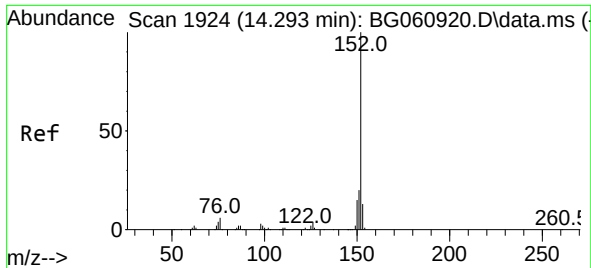
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#48
2-Nitroaniline
Concen: 44.863 ng
RT: 13.640 min Scan# 1813
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

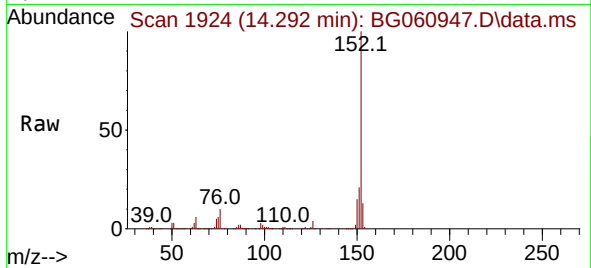
Tgt Ion: 65 Resp: 163146
Ion Ratio Lower Upper
65 100
92 60.7 46.5 69.7
138 83.6 71.8 107.8





#49
Acenaphthylene
Concen: 46.141 ng
RT: 14.292 min Scan# 1924
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

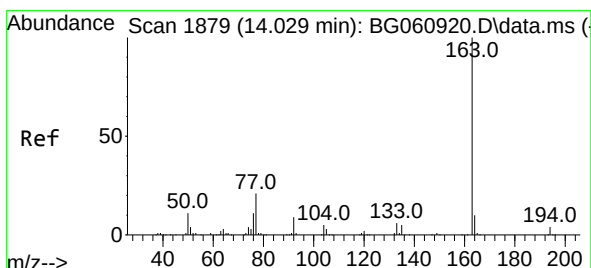
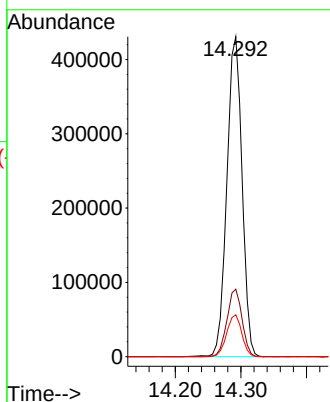
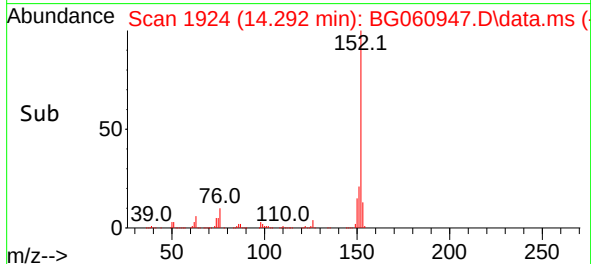
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



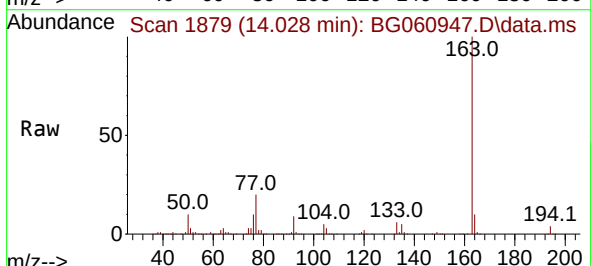
Tgt Ion:152 Resp: 69144
Ion Ratio Lower Upper
152 100
151 21.1 16.3 24.5
153 13.1 10.4 15.6

Manual Integrations
APPROVED

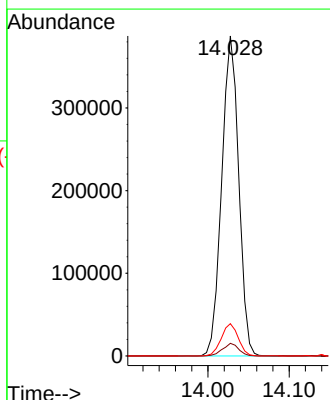
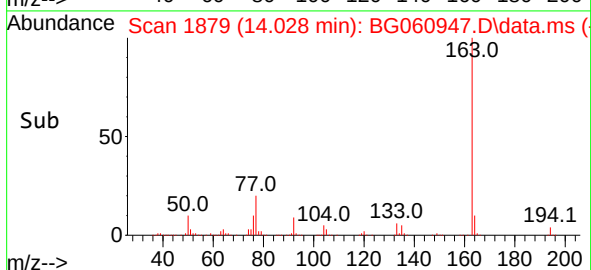
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

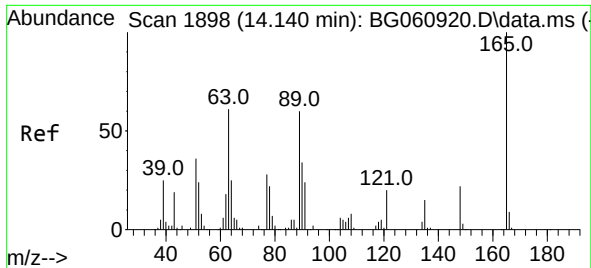


#50
Dimethylphthalate
Concen: 41.665 ng
RT: 14.028 min Scan# 1879
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40



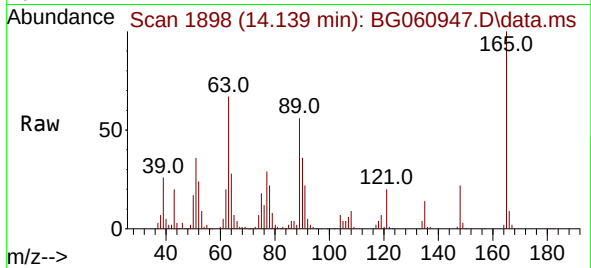
Tgt Ion:163 Resp: 563024
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 44.151 ng
RT: 14.139 min Scan# 1898
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

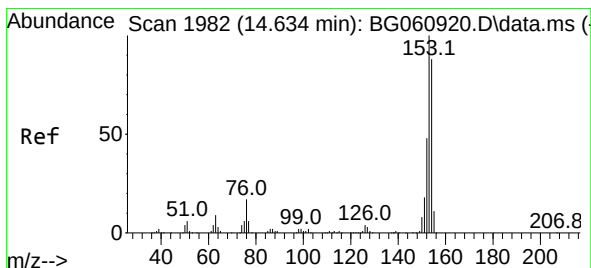
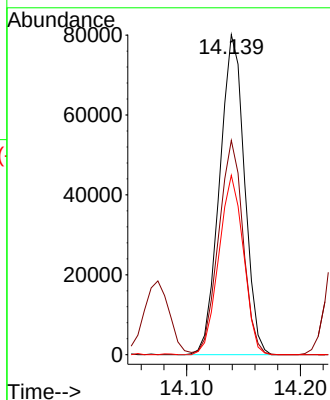
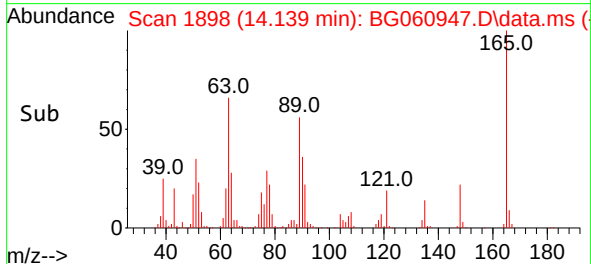
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



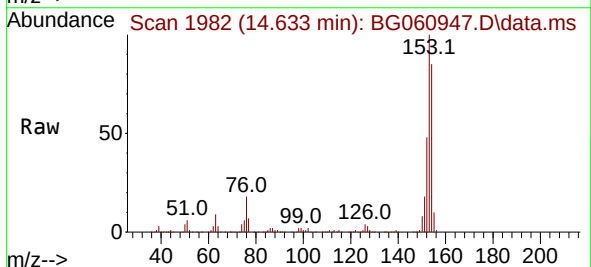
Tgt Ion:165 Resp: 121600
Ion Ratio Lower Upper
165 100
63 66.9 53.8 80.8
89 56.1 48.2 72.4

Manual Integrations
APPROVED

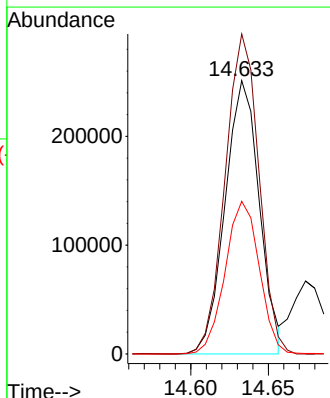
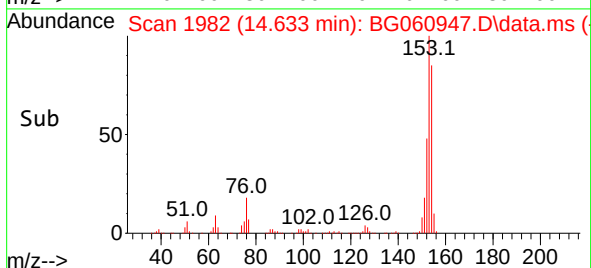
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

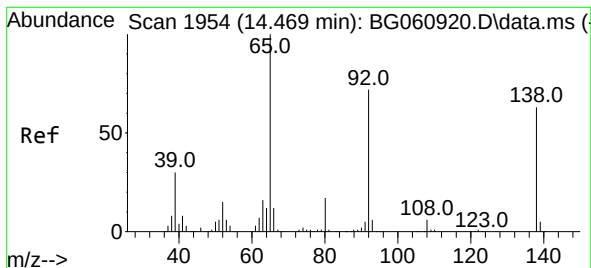


#52
Acenaphthene
Concen: 42.411 ng
RT: 14.633 min Scan# 1982
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40



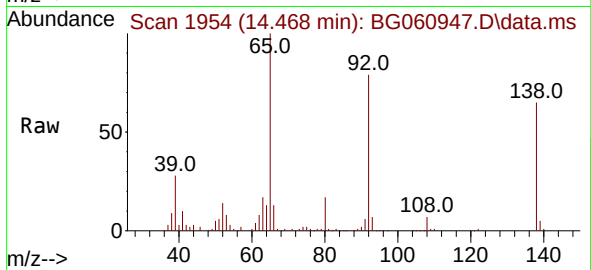
Tgt Ion:154 Resp: 385438
Ion Ratio Lower Upper
154 100
153 117.1 91.4 137.0
152 55.9 44.1 66.1





#53
3-Nitroaniline
Concen: 24.175 ng
RT: 14.468 min Scan# 1954
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

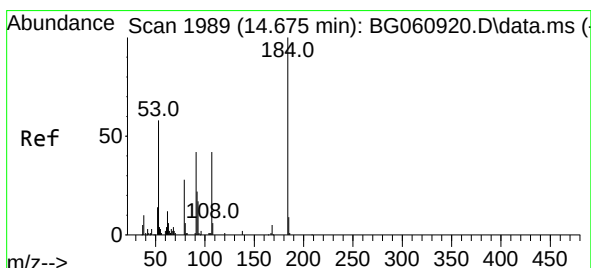
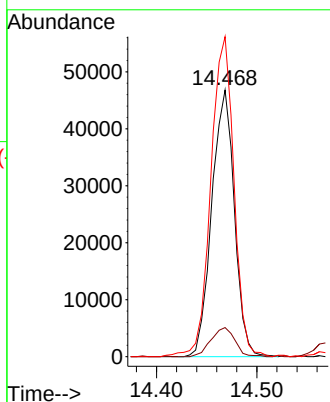
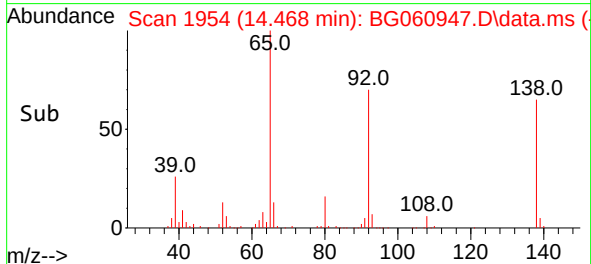
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



Tgt Ion:138 Resp: 7309
Ion Ratio Lower Upper
138 100
108 10.9 7.5 11.3
92 120.0 92.5 138.7

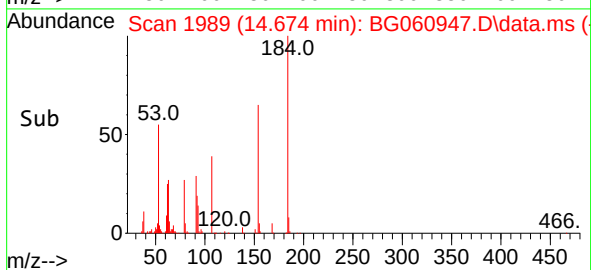
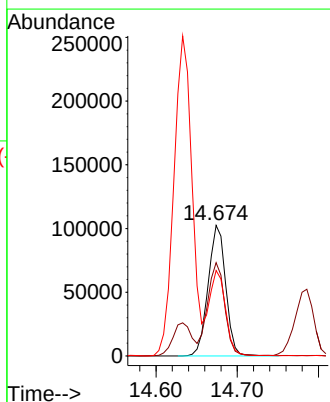
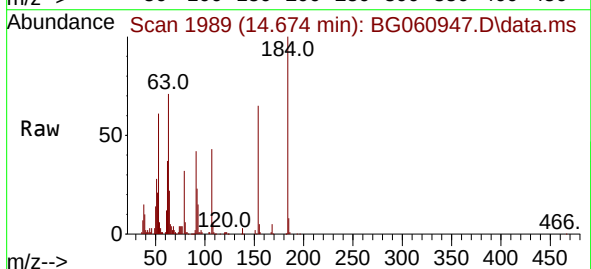
Manual Integrations
APPROVED

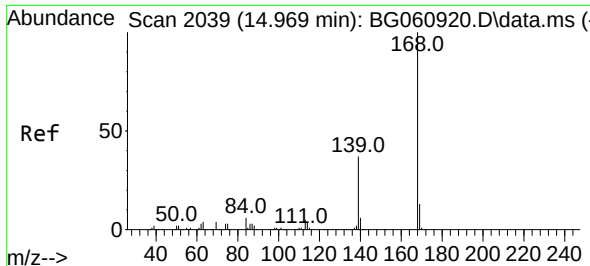
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#54
2,4-Dinitrophenol
Concen: 86.912 ng
RT: 14.674 min Scan# 1989
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

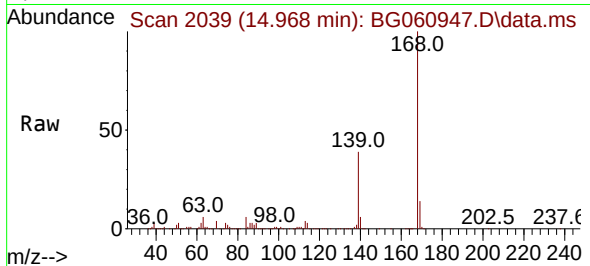
Tgt Ion:184 Resp: 153809
Ion Ratio Lower Upper
184 100
63 71.4 52.0 78.0
154 65.5 50.7 76.1





#55
Dibenzenofuran
Concen: 43.084 ng
RT: 14.968 min Scan# 2039
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

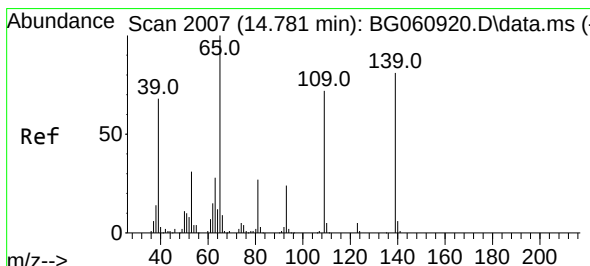
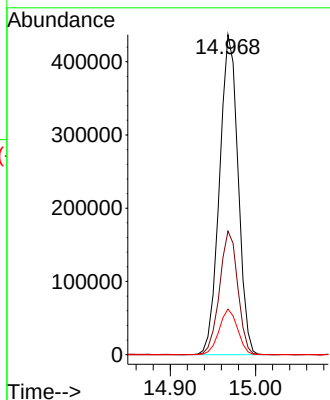
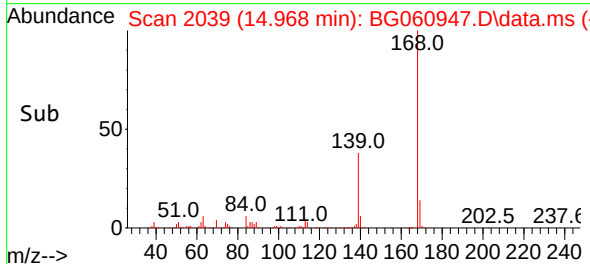
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



Tgt Ion:168 Resp: 661434
Ion Ratio Lower Upper
168 100
139 38.6 29.9 44.9
169 14.2 10.6 16.0

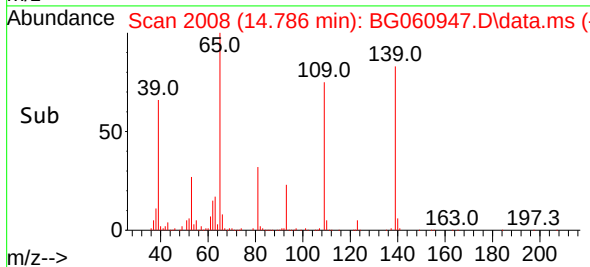
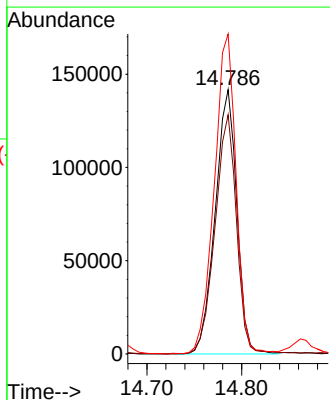
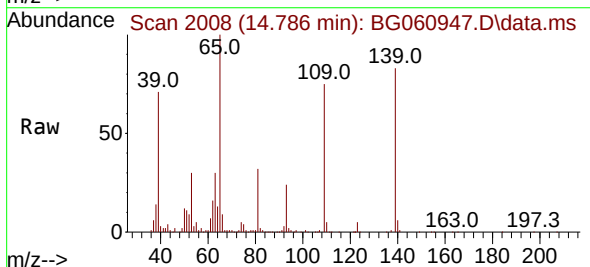
Manual Integrations
APPROVED

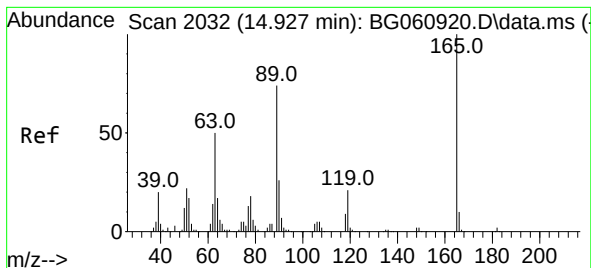
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#56
4-Nitrophenol
Concen: 97.123 ng
RT: 14.786 min Scan# 2008
Delta R.T. 0.005 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

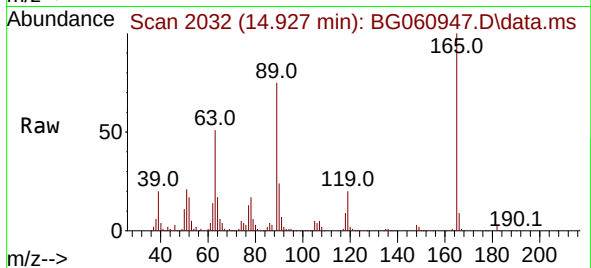
Tgt Ion:139 Resp: 224819
Ion Ratio Lower Upper
139 100
109 90.5 69.7 109.7
65 121.1 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 45.377 ng
RT: 14.927 min Scan# 2032
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

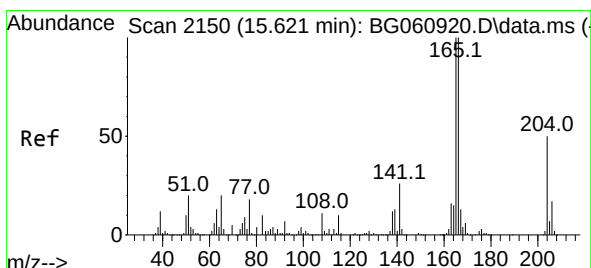
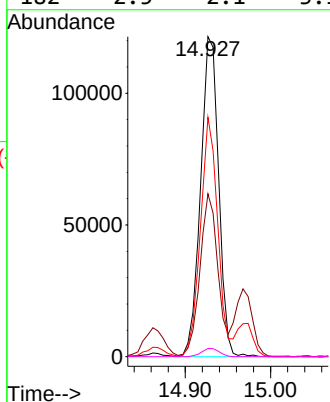
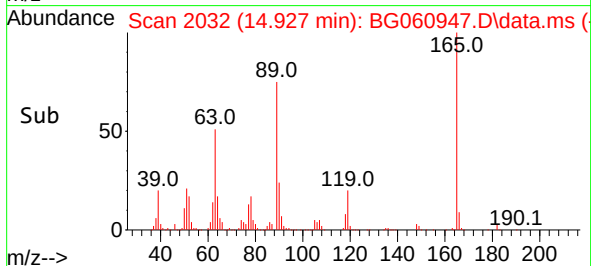
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



Tgt Ion:165 Resp: 178590
Ion Ratio Lower Upper
165 100
63 50.9 40.2 60.2
89 74.8 59.0 88.4
182 2.5 2.1 3.1

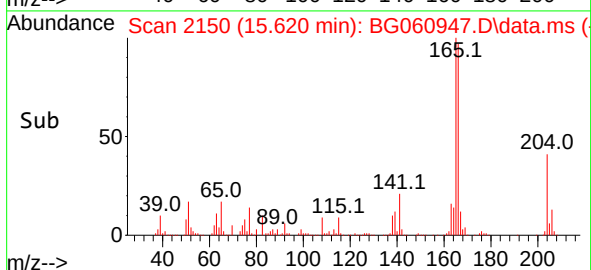
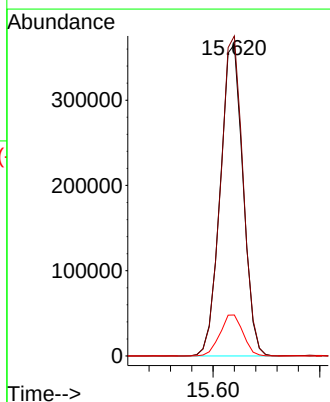
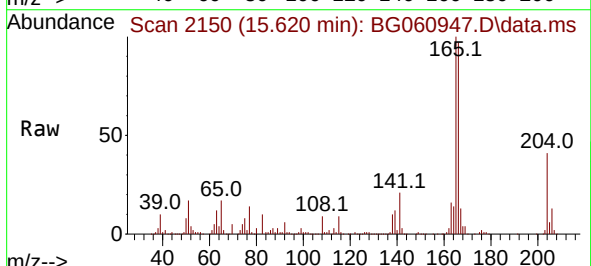
Manual Integrations
APPROVED

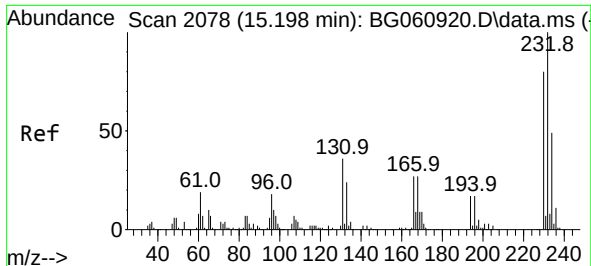
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#58
Fluorene
Concen: 42.567 ng
RT: 15.620 min Scan# 2150
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

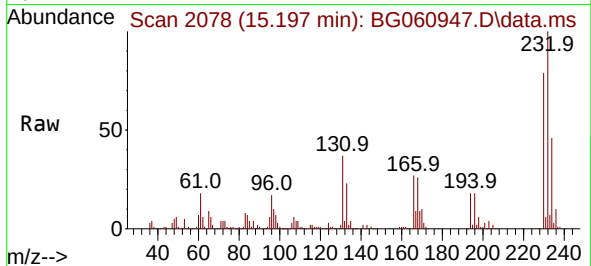
Tgt Ion:166 Resp: 542069
Ion Ratio Lower Upper
166 100
165 102.7 80.2 120.4
167 13.1 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.614 ng
RT: 15.197 min Scan# 2078
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

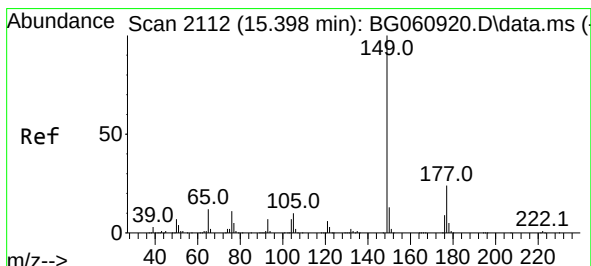
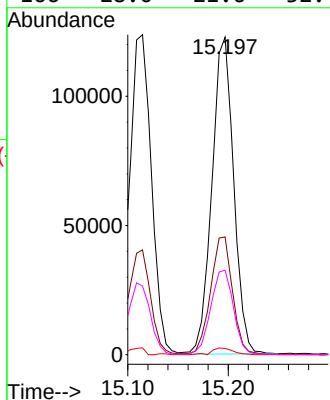
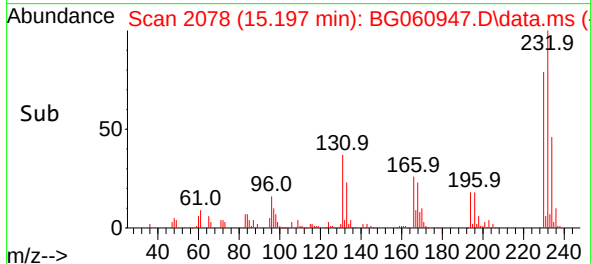
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



Tgt Ion:232 Resp: 184650
Ion Ratio Lower Upper
232 100
131 37.3 29.8 44.8
130 2.0 1.8 2.8
166 28.0 21.6 32.4

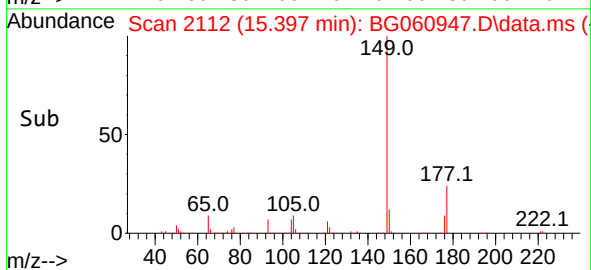
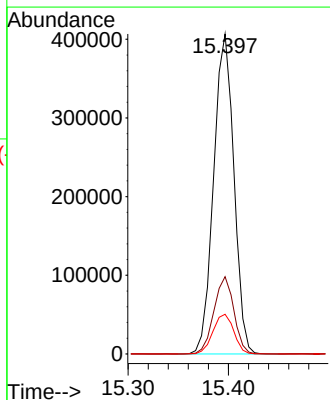
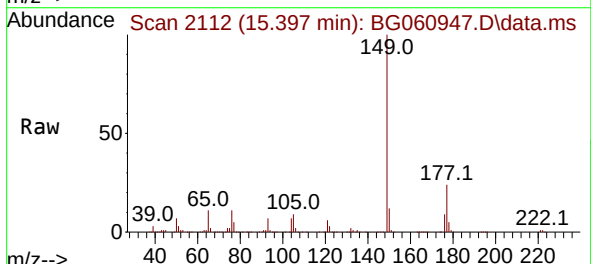
Manual Integrations
APPROVED

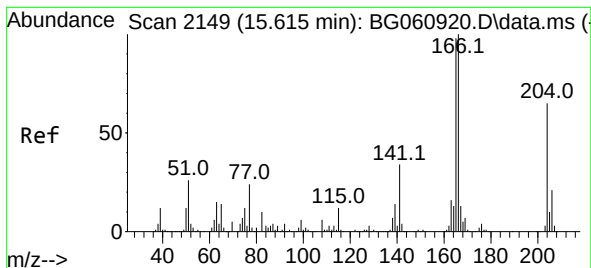
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#60
Diethylphthalate
Concen: 42.091 ng
RT: 15.397 min Scan# 2112
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

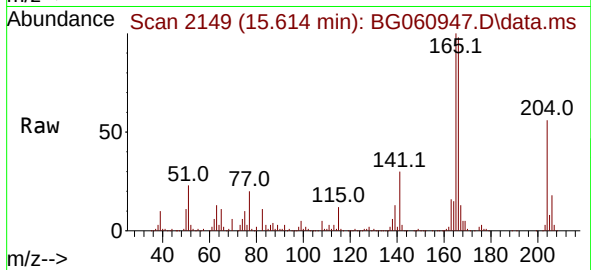
Tgt Ion:149 Resp: 569696
Ion Ratio Lower Upper
149 100
177 24.1 19.0 28.4
150 12.4 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 42.086 ng
RT: 15.614 min Scan# 2149
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

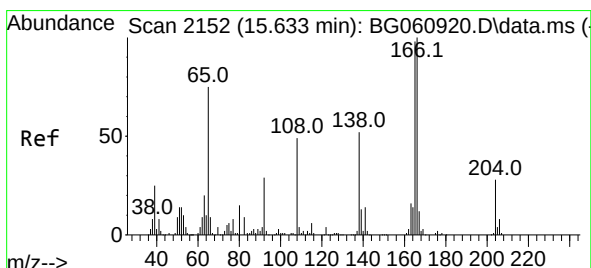
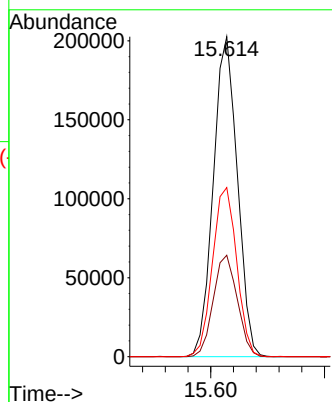
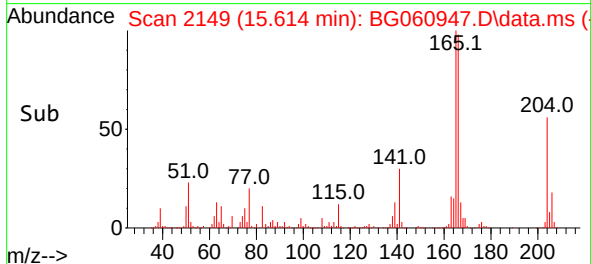
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



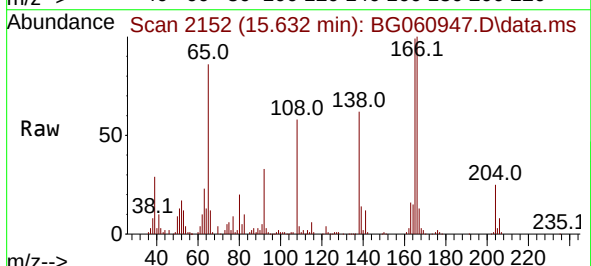
Tgt Ion:204 Resp: 297088
Ion Ratio Lower Upper
204 100
206 31.7 25.4 38.0
141 52.9 42.0 63.0

Manual Integrations
APPROVED

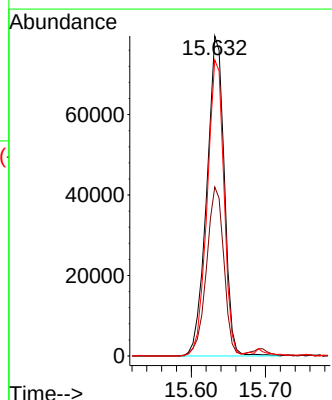
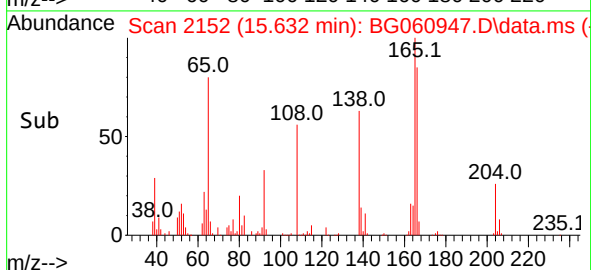
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

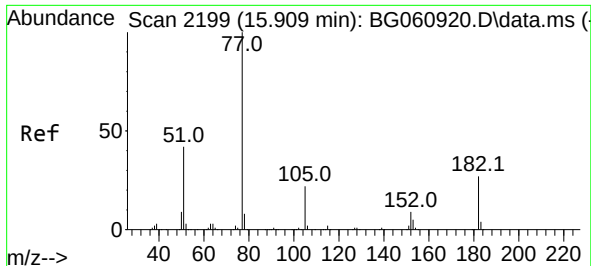


#62
4-Nitroaniline
Concen: 40.163 ng
RT: 15.632 min Scan# 2152
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40



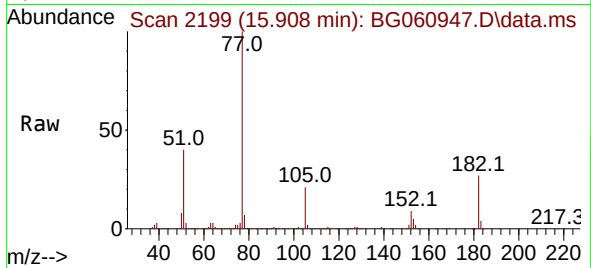
Tgt Ion:138 Resp: 130561
Ion Ratio Lower Upper
138 100
92 52.8 34.8 74.8
108 92.5 73.9 113.9





#63
Azobenzene
Concen: 43.380 ng
RT: 15.908 min Scan# 2199
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

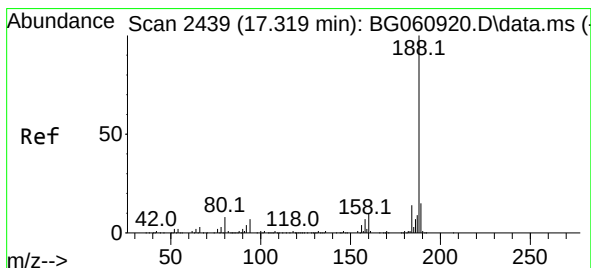
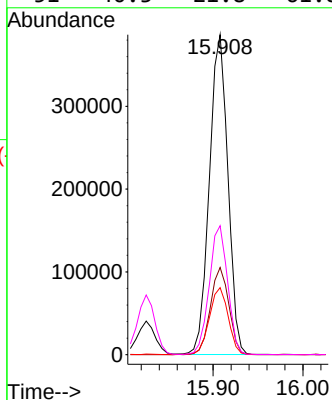
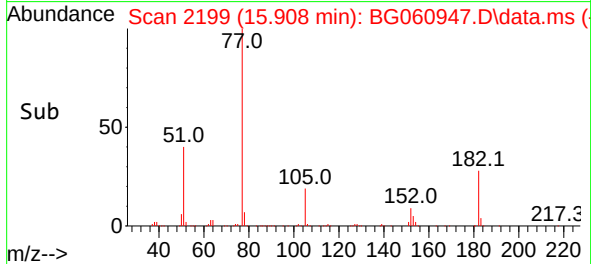
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



Tgt Ion: 77 Resp: 55338
Ion Ratio Lower Upper
77 100
182 27.2 6.8 46.8
105 20.9 1.7 41.7
51 40.3 21.8 61.8

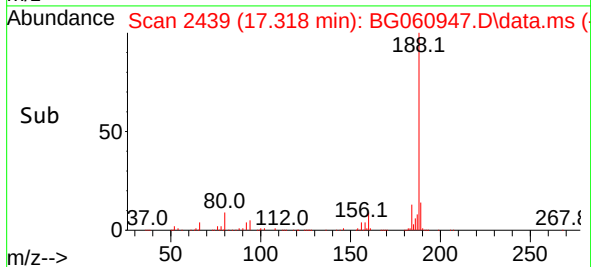
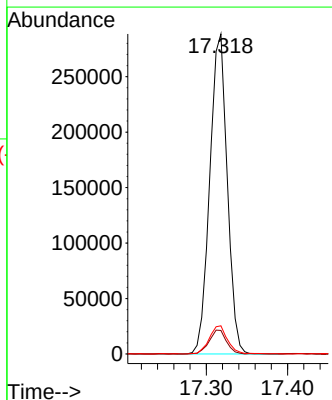
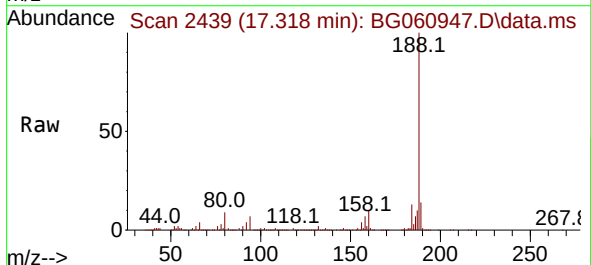
Manual Integrations
APPROVED

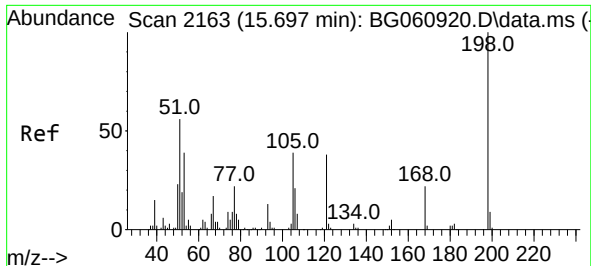
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

Tgt Ion:188 Resp: 430296
Ion Ratio Lower Upper
188 100
94 7.4 5.7 8.5
80 8.8 6.6 9.8





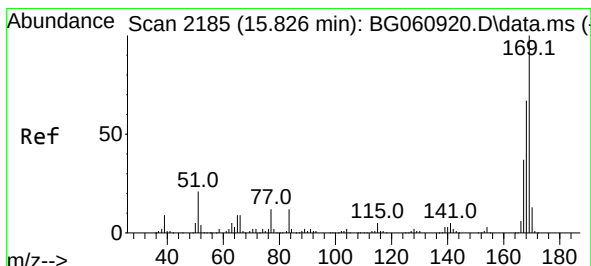
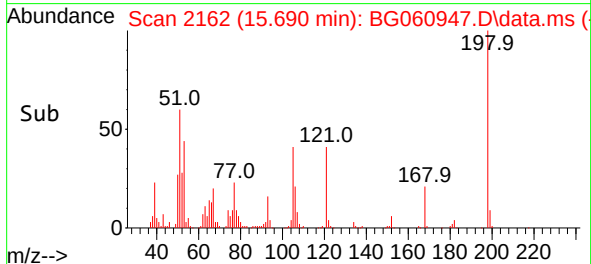
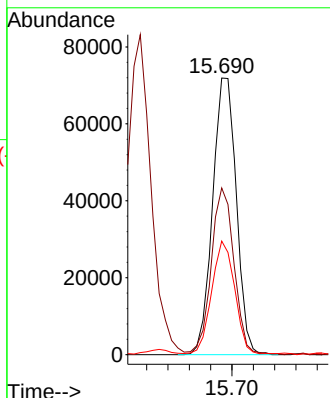
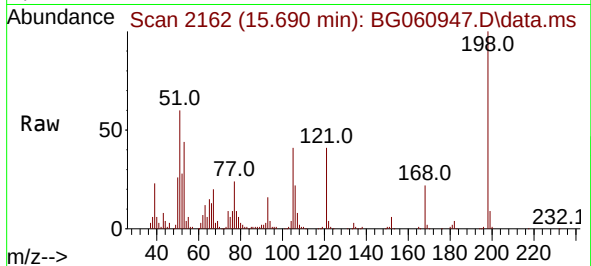
#65
4,6-Dinitro-2-methylphenol
Concen: 46.168 ng
RT: 15.690 min Scan# 2163
Delta R.T. -0.007 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD

Tgt Ion:198 Resp: 110834
Ion Ratio Lower Upper
198 100
51 60.2 38.2 78.2
105 41.1 19.7 59.7

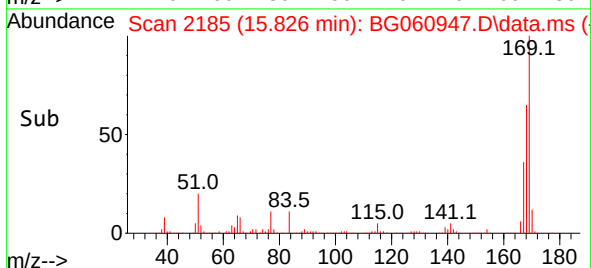
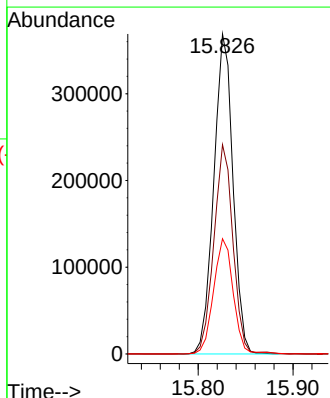
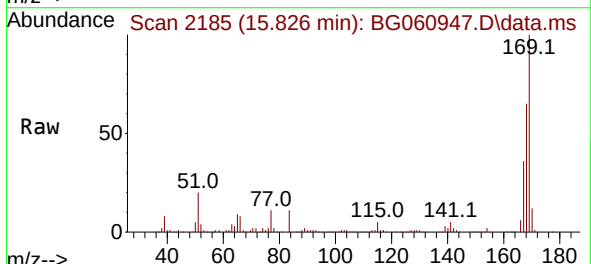
Manual Integrations
APPROVED

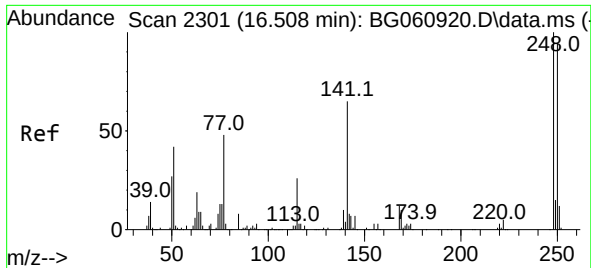
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#66
n-Nitrosodiphenylamine
Concen: 43.924 ng
RT: 15.826 min Scan# 2185
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

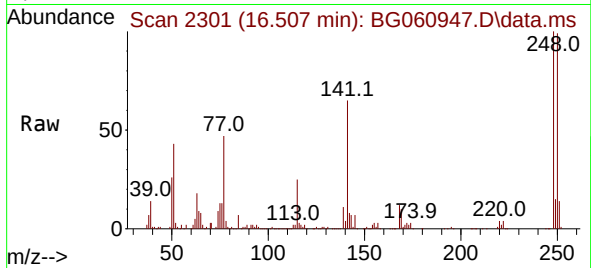
Tgt Ion:169 Resp: 518838
Ion Ratio Lower Upper
169 100
168 65.4 53.7 80.5
167 36.0 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 43.845 ng
RT: 16.507 min Scan# 211350
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

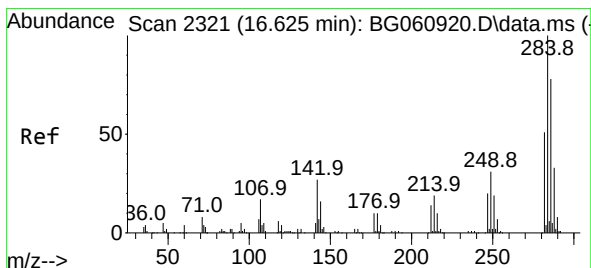
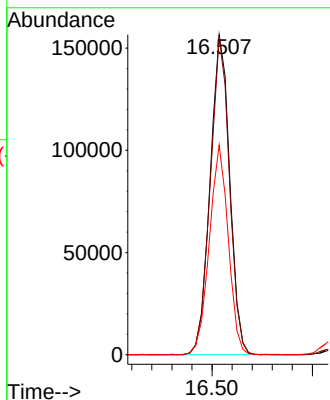
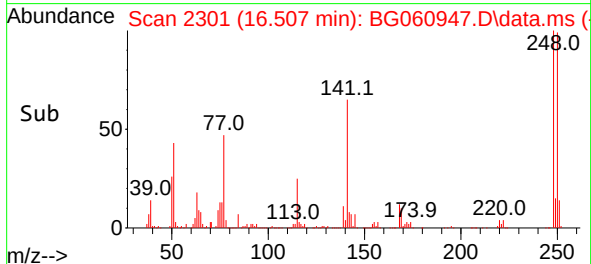
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



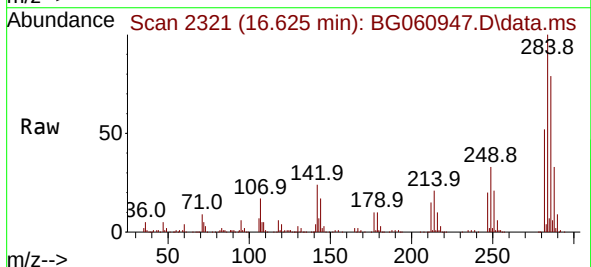
Tgt Ion:248 Resp: 211350
Ion Ratio Lower Upper
248 100
250 99.3 75.4 113.2
141 65.5 52.2 78.2

Manual Integrations
APPROVED

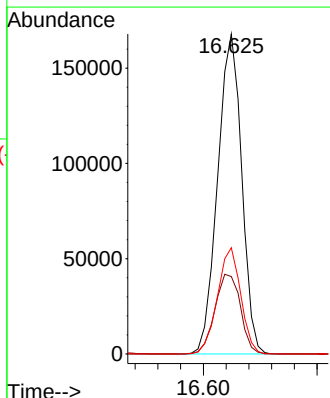
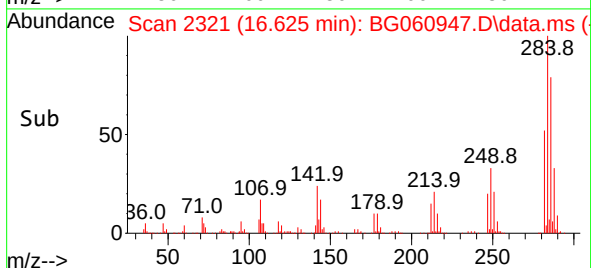
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

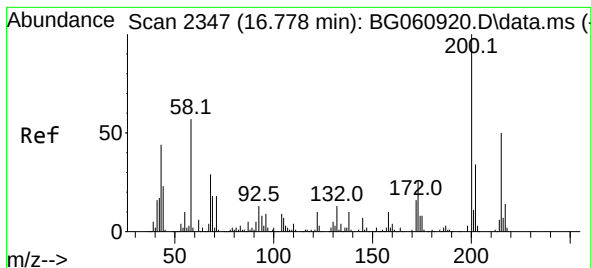


#68
Hexachlorobenzene
Concen: 46.907 ng
RT: 16.625 min Scan# 2321
Delta R.T. -0.000 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40



Tgt Ion:284 Resp: 246033
Ion Ratio Lower Upper
284 100
142 24.2 21.2 31.8
249 33.2 24.9 37.3





#69

Atrazine

Concen: 48.511 ng

RT: 16.783 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG060947.D

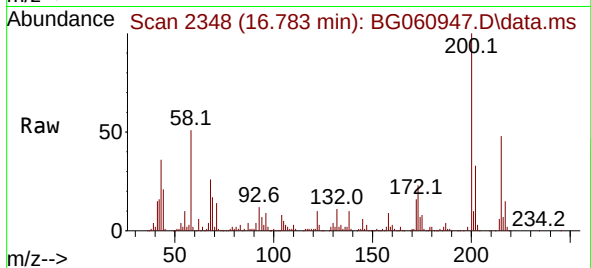
Acq: 18 Apr 2024 22:40

Instrument :

BNA_G

ClientSampleId :

RPI-SS-DUP-01MSD



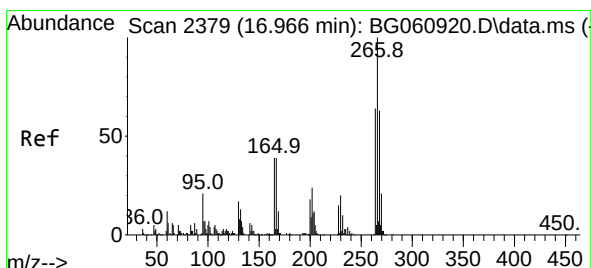
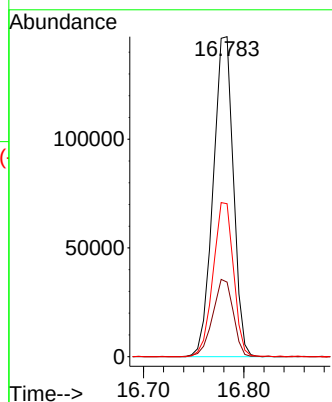
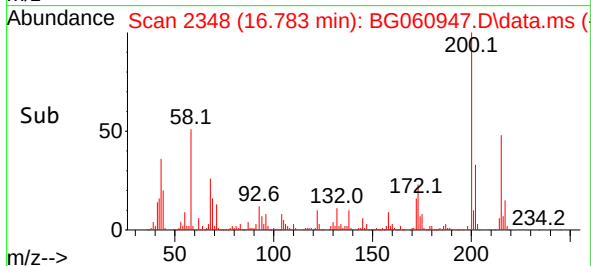
Tgt Ion:200 Resp: 205939
Ion Ratio Lower Upper
200 100
173 23.3 6.5 46.5
215 47.8 30.4 70.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#70

Pentachlorophenol

Concen: 95.359 ng

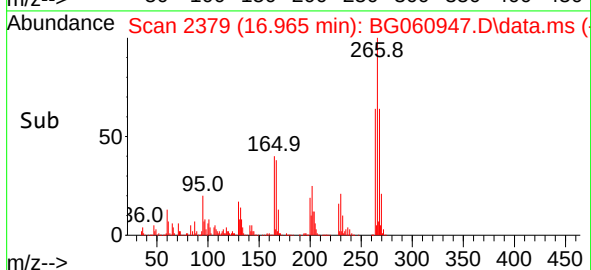
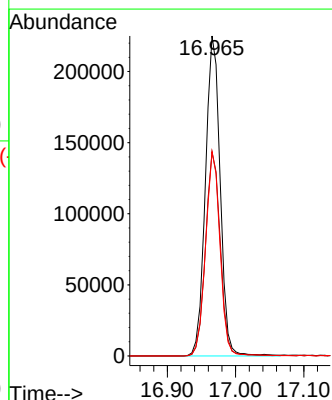
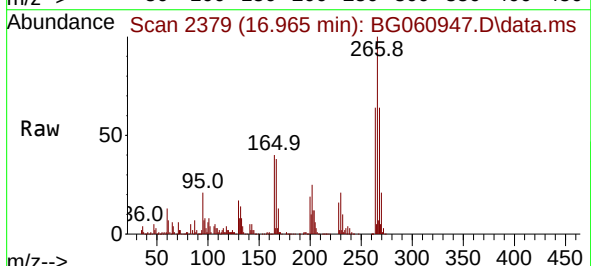
RT: 16.965 min Scan# 2379

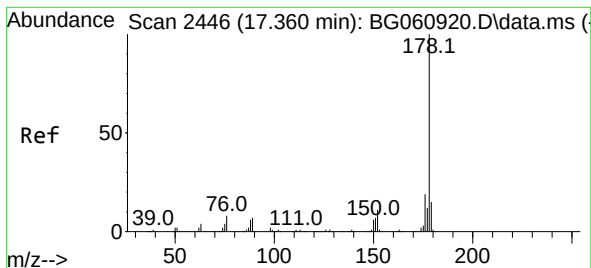
Delta R.T. -0.001 min

Lab File: BG060947.D

Acq: 18 Apr 2024 22:40

Tgt Ion:266 Resp: 338733
Ion Ratio Lower Upper
266 100
268 63.8 50.2 75.2
264 63.8 51.2 76.8





#71

Phenanthrene

Concen: 43.943 ng

RT: 17.359 min Scan# 2446

Delta R.T. -0.001 min

Lab File: BG060947.D

Acq: 18 Apr 2024 22:40

Instrument :

BNA_G

ClientSampleId :

RPI-SS-DUP-01MSD

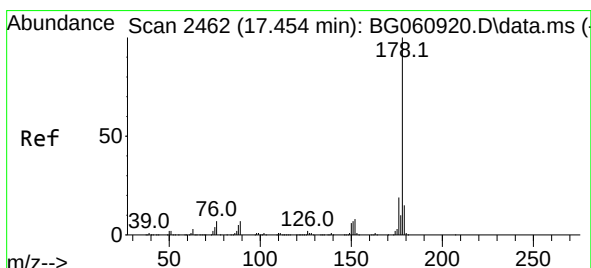
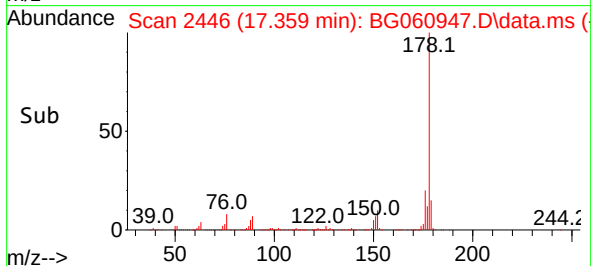
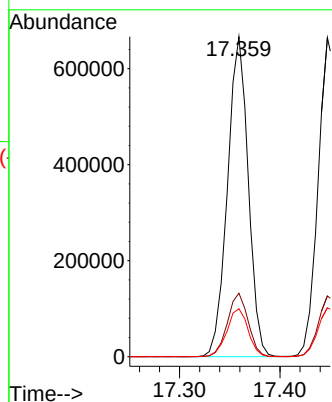
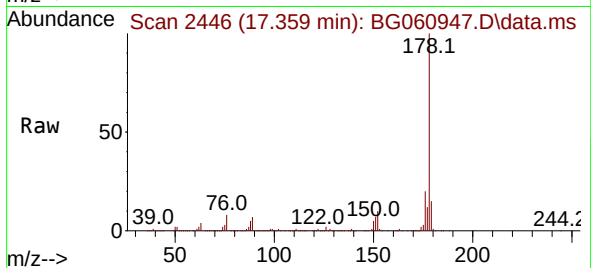
Tgt Ion:178 Resp: 957098
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.4 23.2
 179 15.0 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#72

Anthracene

Concen: 43.835 ng

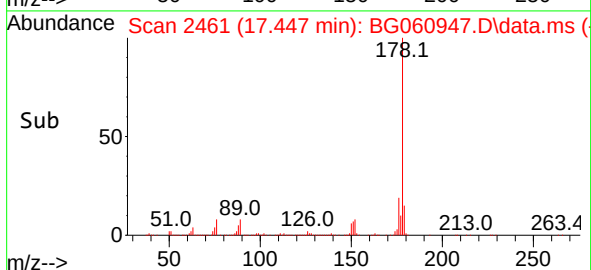
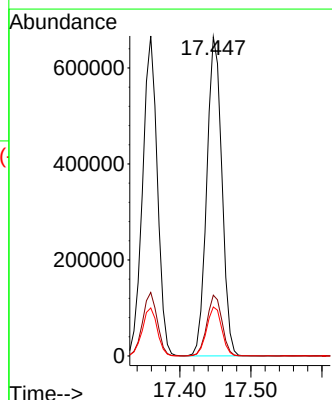
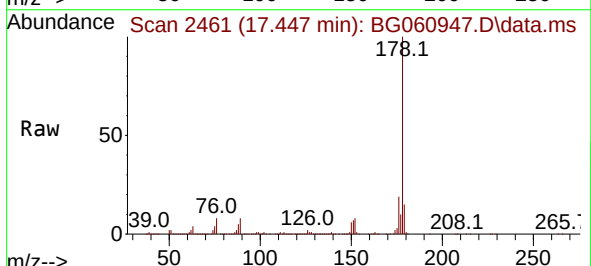
RT: 17.447 min Scan# 2461

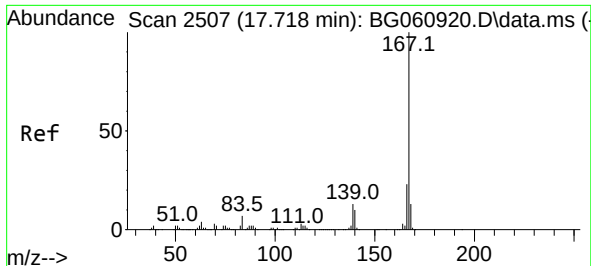
Delta R.T. -0.007 min

Lab File: BG060947.D

Acq: 18 Apr 2024 22:40

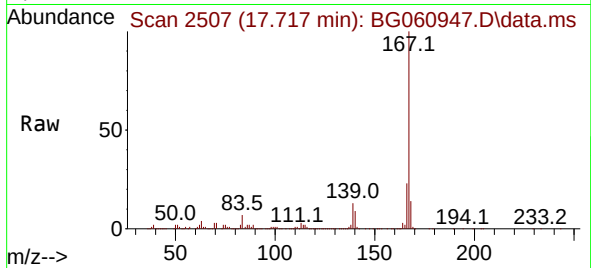
Tgt Ion:178 Resp: 980708
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.0 22.4
 179 15.4 11.6 17.4





#73
 Carbazole
 Concen: 44.761 ng
 RT: 17.717 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG060947.D
 Acq: 18 Apr 2024 22:40

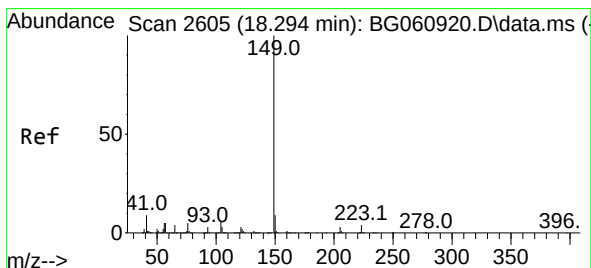
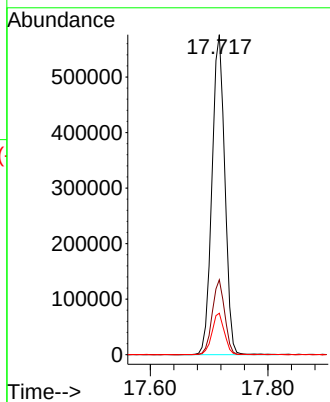
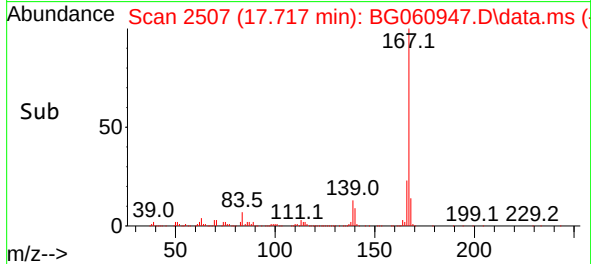
Instrument :
 BNA_G
 ClientSampleId :
 RPI-SS-DUP-01MSD



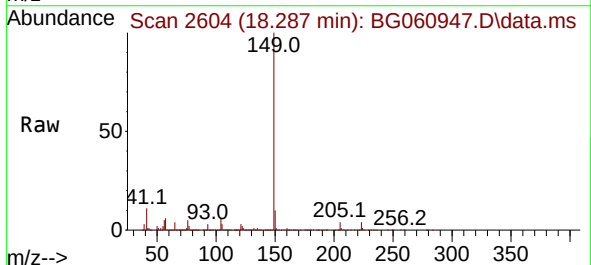
Tgt Ion:167 Resp: 872484
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.4 27.6
 139 13.0 10.1 15.1

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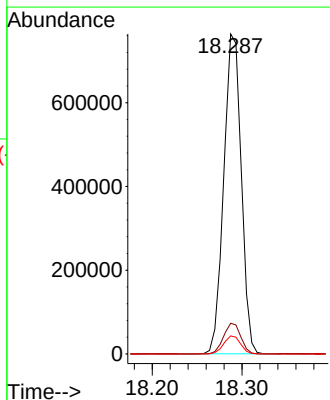
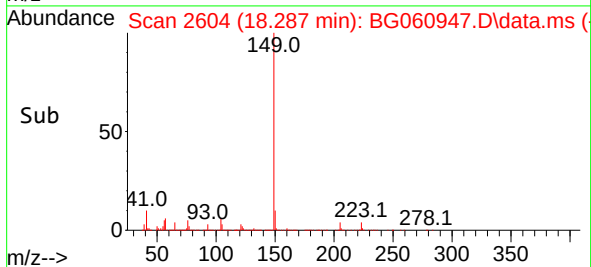
Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024

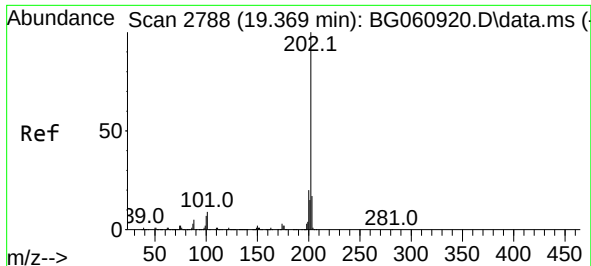


#74
 Di-n-butylphthalate
 Concen: 44.007 ng
 RT: 18.287 min Scan# 2604
 Delta R.T. -0.007 min
 Lab File: BG060947.D
 Acq: 18 Apr 2024 22:40



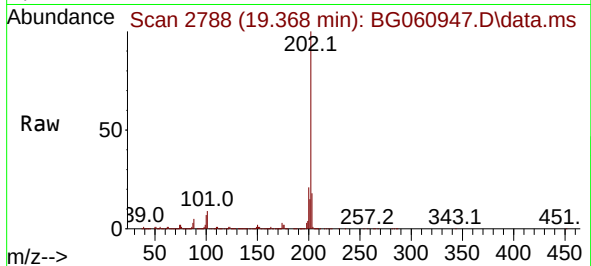
Tgt Ion:149 Resp: 1032711
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 5.7 4.6 6.8





#75
Fluoranthene
Concen: 42.096 ng
RT: 19.368 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

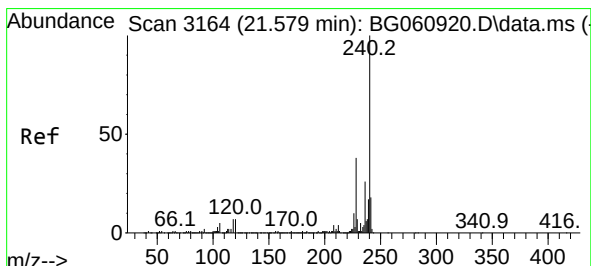
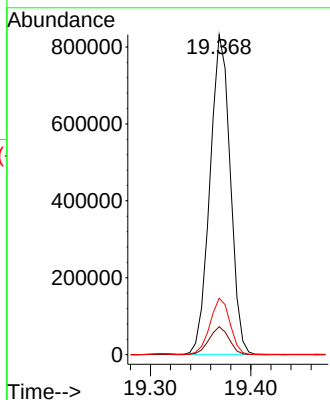
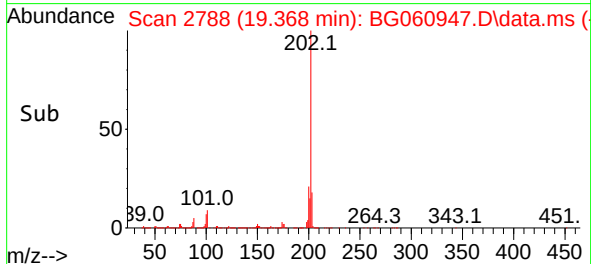
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



Tgt Ion:202 Resp: 1167018
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.6
203 17.7 0.0 37.3

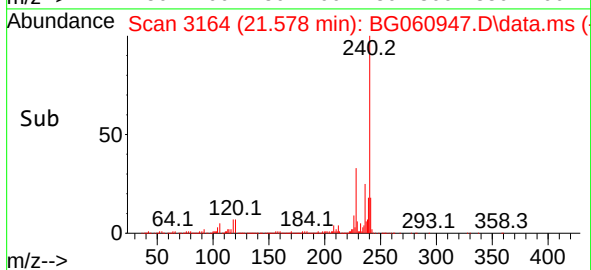
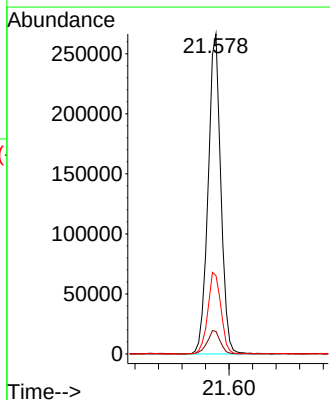
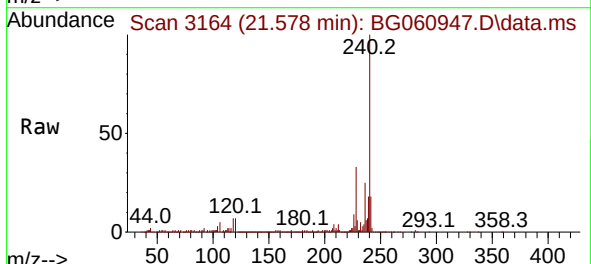
Manual Integrations
APPROVED

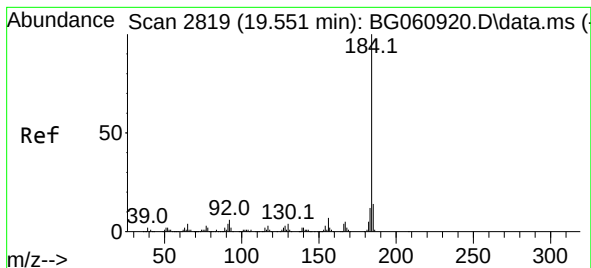
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3164
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

Tgt Ion:240 Resp: 399692
Ion Ratio Lower Upper
240 100
120 7.0 5.7 8.5
236 24.5 21.1 31.7





#77

Benzidine

Concen: 51.557 ng

RT: 19.551 min Scan# 2819

Delta R.T. -0.001 min

Lab File: BG060947.D

Acq: 18 Apr 2024 22:40

Instrument :

BNA_G

ClientSampleId :

RPI-SS-DUP-01MSD

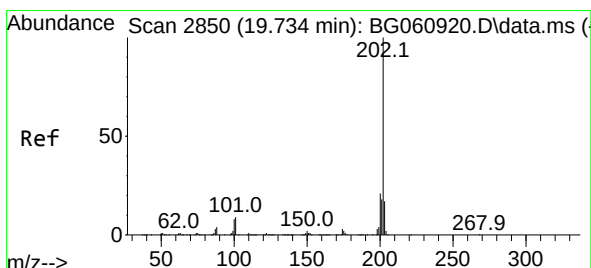
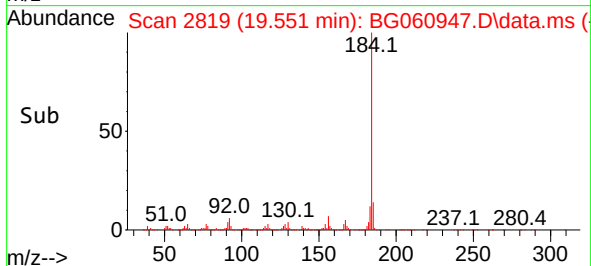
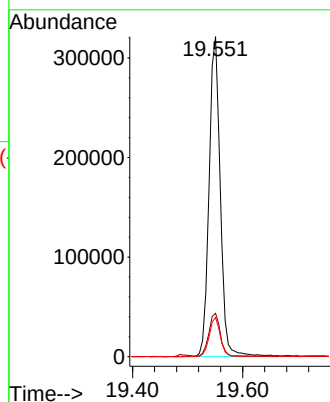
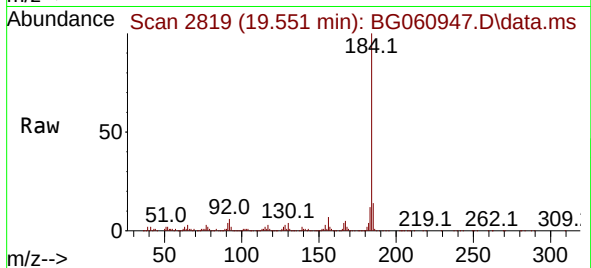
Tgt Ion:	184	Resp:	45453
Ion Ratio	Lower	Upper	
184	100		
185	13.5	11.4	17.0
183	12.2	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#78

Pyrene

Concen: 44.428 ng

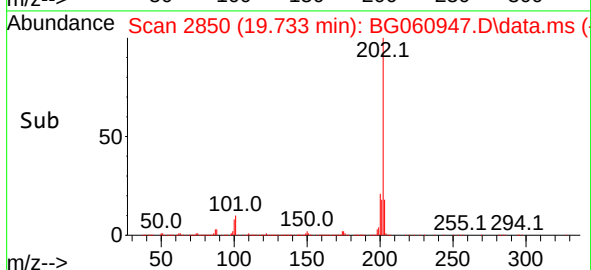
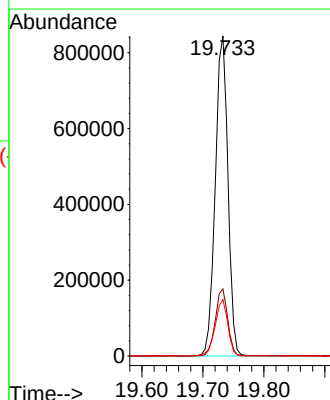
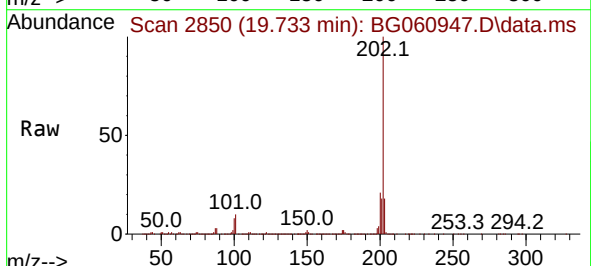
RT: 19.733 min Scan# 2850

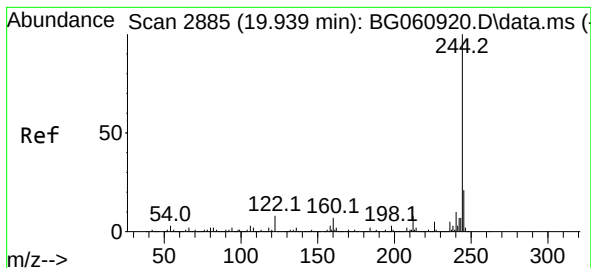
Delta R.T. -0.001 min

Lab File: BG060947.D

Acq: 18 Apr 2024 22:40

Tgt Ion:	202	Resp:	1218142
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.7	25.1
203	17.6	13.8	20.8





#79

Terphenyl-d14

Concen: 65.535 ng

RT: 19.938 min Scan# 2885

Delta R.T. -0.001 min

Lab File: BG060947.D

Acq: 18 Apr 2024 22:40

Instrument :

BNA_G

ClientSampleId :

RPI-SS-DUP-01MSD

Tgt Ion:244 Resp: 1500870

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.4

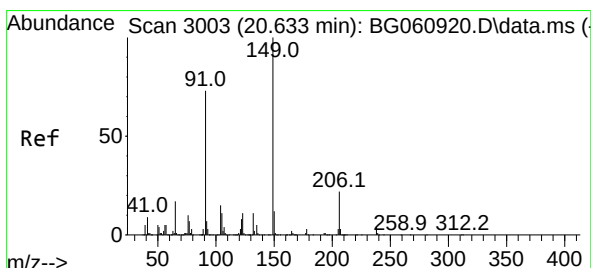
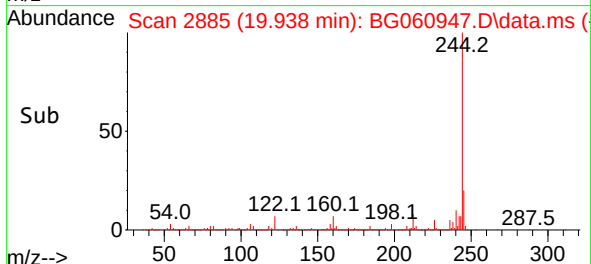
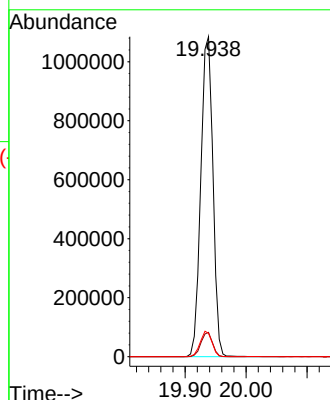
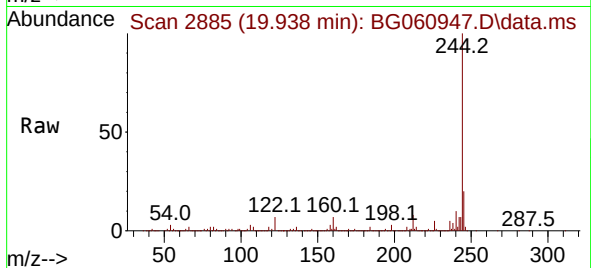
122 7.3 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#80

Butylbenzylphthalate

Concen: 45.510 ng

RT: 20.632 min Scan# 3003

Delta R.T. -0.001 min

Lab File: BG060947.D

Acq: 18 Apr 2024 22:40

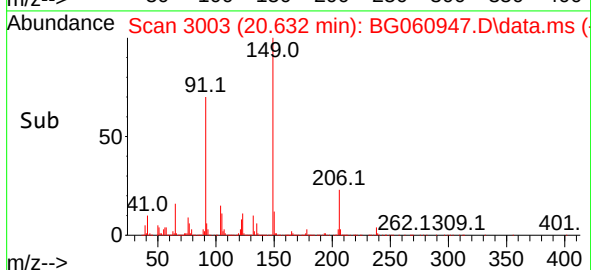
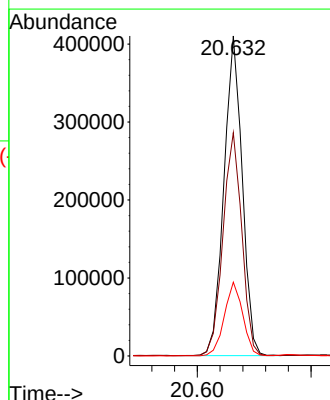
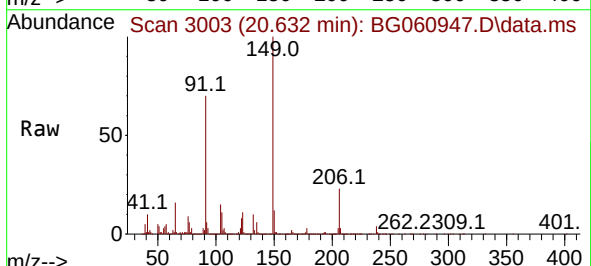
Tgt Ion:149 Resp: 458321

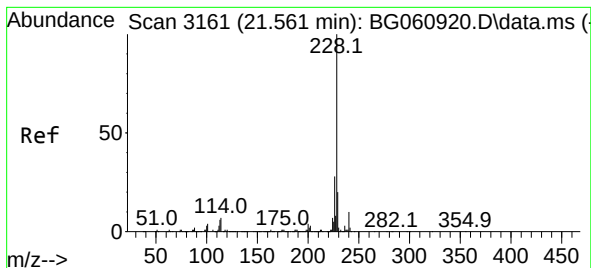
Ion Ratio Lower Upper

149 100

91 69.7 58.7 88.1

206 23.1 18.0 27.0





#81

Benzo(a)anthracene

Concen: 45.083 ng

RT: 21.554 min Scan# 3160

Delta R.T. -0.007 min

Lab File: BG060947.D

Acq: 18 Apr 2024 22:40

Instrument :

BNA_G

ClientSampleId :

RPI-SS-DUP-01MSD

Tgt Ion:228 Resp: 127243

Ion Ratio Lower Upper

228 100

226 28.1 22.0 33.0

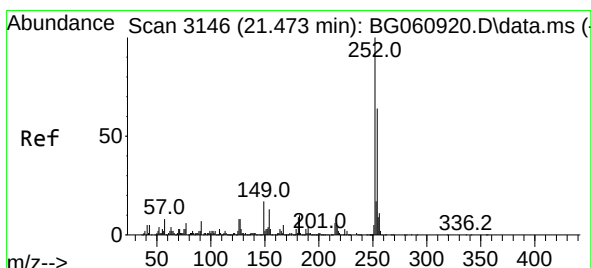
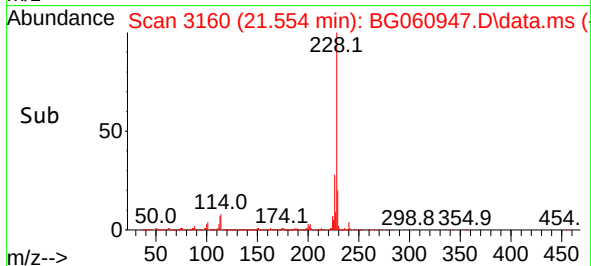
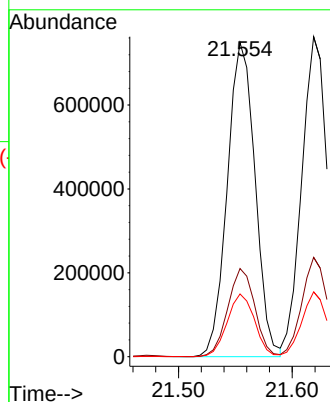
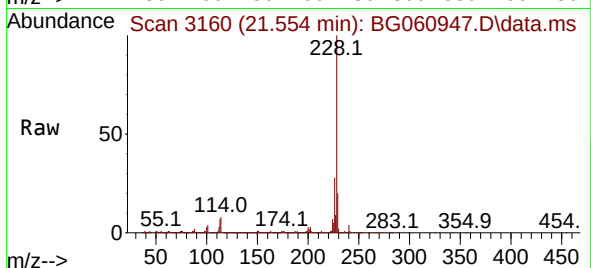
229 20.0 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#82

3,3'-Dichlorobenzidine

Concen: 25.596 ng

RT: 21.472 min Scan# 3146

Delta R.T. -0.001 min

Lab File: BG060947.D

Acq: 18 Apr 2024 22:40

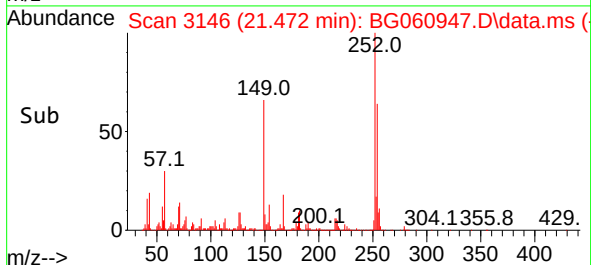
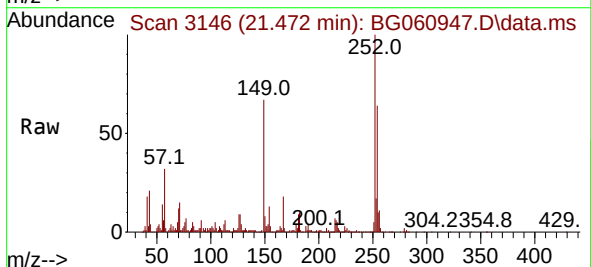
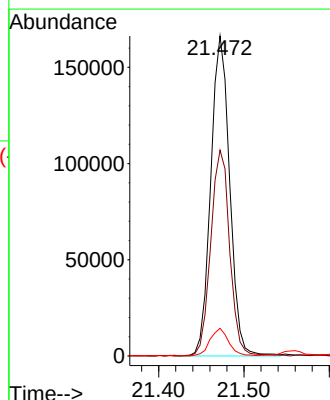
Tgt Ion:252 Resp: 257260

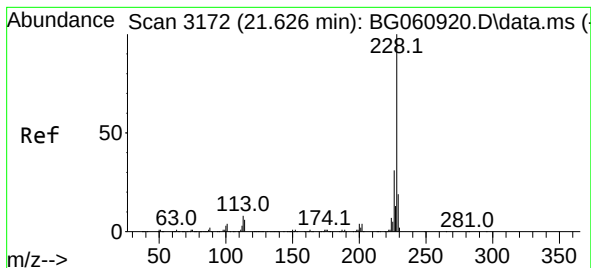
Ion Ratio Lower Upper

252 100

254 64.3 51.5 77.3

126 8.6 6.5 9.7





#83

Chrysene

Concen: 44.696 ng

RT: 21.619 min Scan# 3171

Delta R.T. -0.007 min

Lab File: BG060947.D

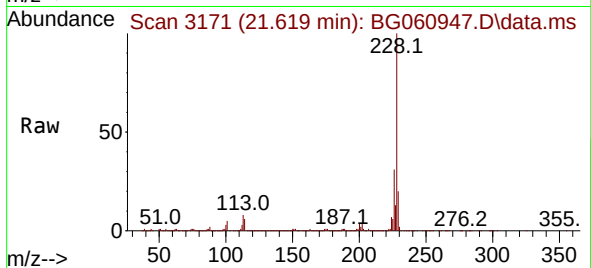
Acq: 18 Apr 2024 22:40

Instrument :

BNA_G

ClientSampleId :

RPI-SS-DUP-01MSD



Tgt Ion:228 Resp: 120447

Ion Ratio Lower Upper

228 100

226 31.1 24.4 36.6

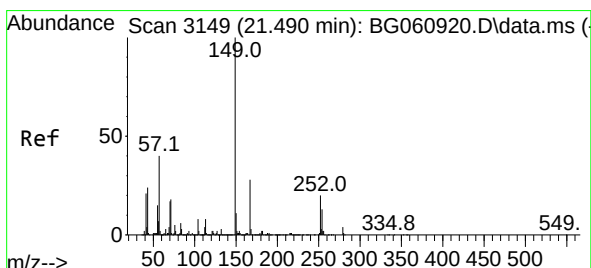
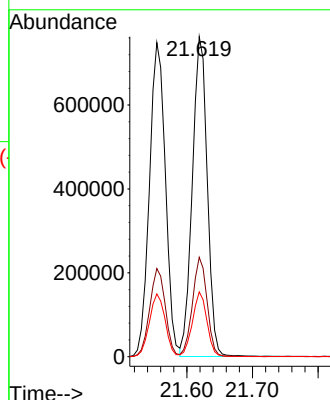
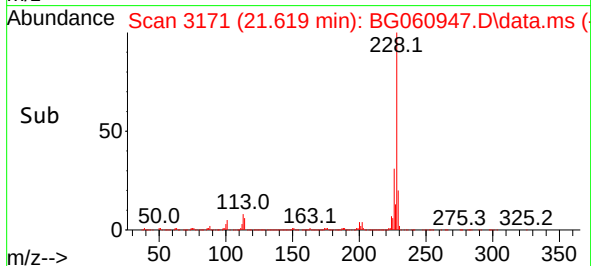
229 20.3 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.168 ng

RT: 21.489 min Scan# 3149

Delta R.T. -0.001 min

Lab File: BG060947.D

Acq: 18 Apr 2024 22:40

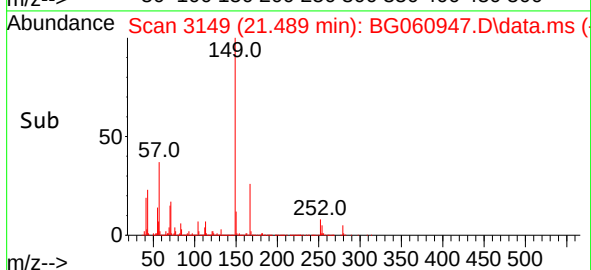
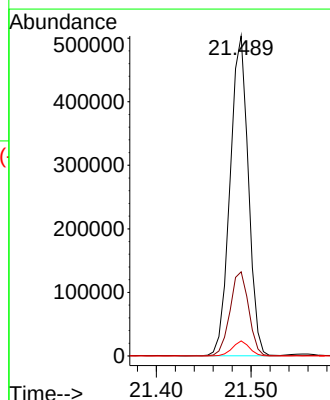
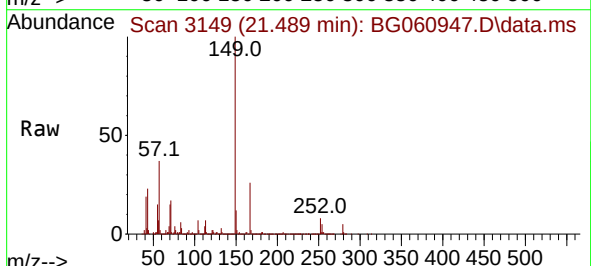
Tgt Ion:149 Resp: 672620

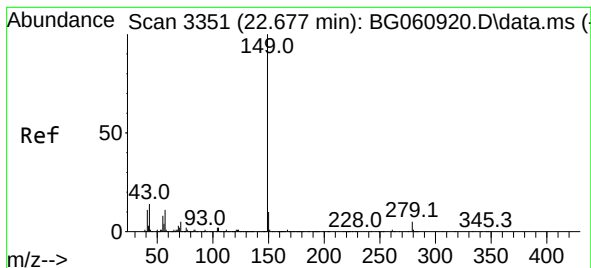
Ion Ratio Lower Upper

149 100

167 26.3 22.4 33.6

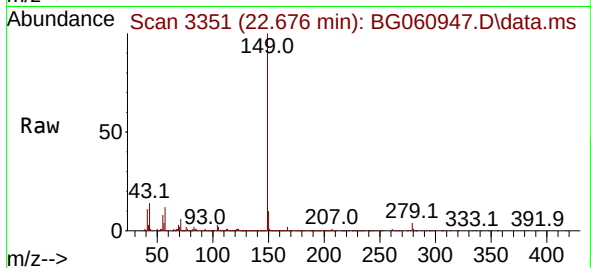
279 4.7 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 45.457 ng
RT: 22.676 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

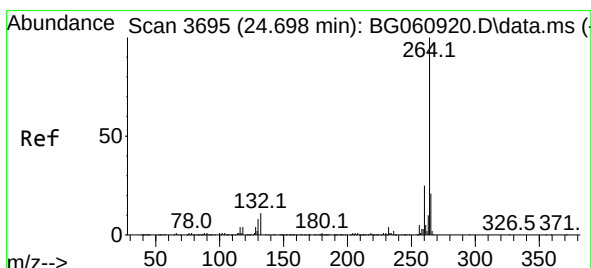
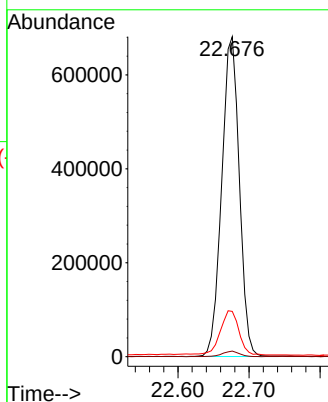
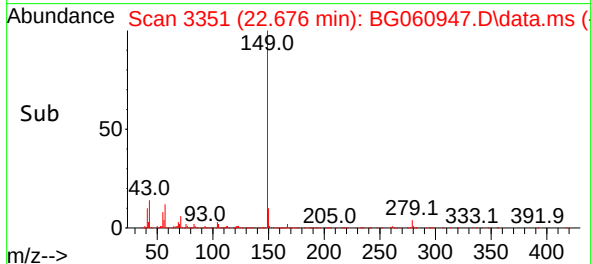
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



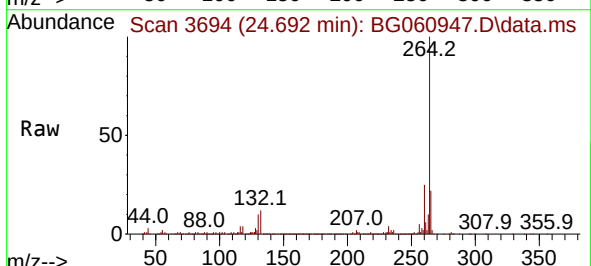
Tgt Ion:149 Resp: 1168004
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 14.6 11.2 16.8

Manual Integrations
APPROVED

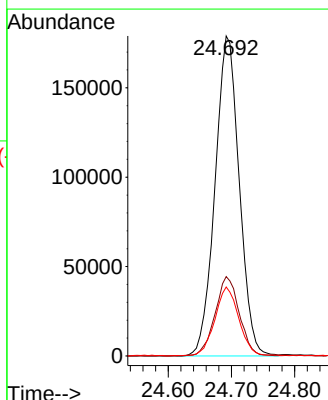
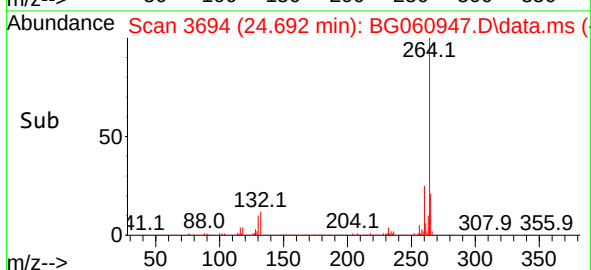
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

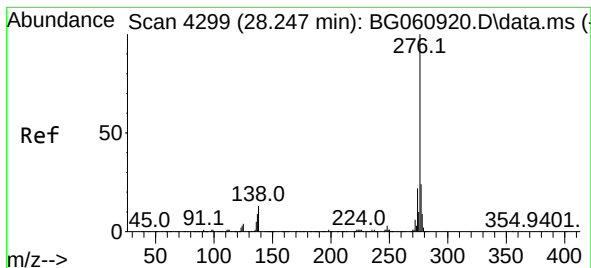


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.692 min Scan# 3694
Delta R.T. -0.007 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40



Tgt Ion:264 Resp: 476360
Ion Ratio Lower Upper
264 100
260 24.8 19.6 29.4
265 21.6 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.282 ng

RT: 28.240 min Scan# 41

Delta R.T. -0.007 min

Lab File: BG060947.D

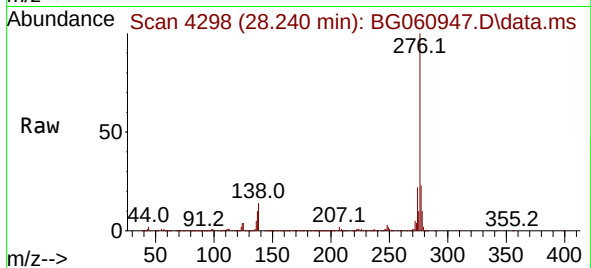
Acq: 18 Apr 2024 22:40

Instrument :

BNA_G

ClientSampleId :

RPI-SS-DUP-01MSD



Tgt Ion:276 Resp: 1557509

Ion Ratio Lower Upper

276 100

138 11.8 10.8 16.2

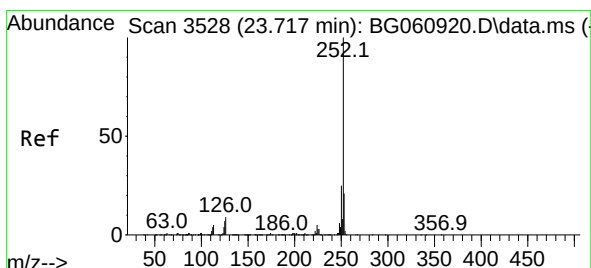
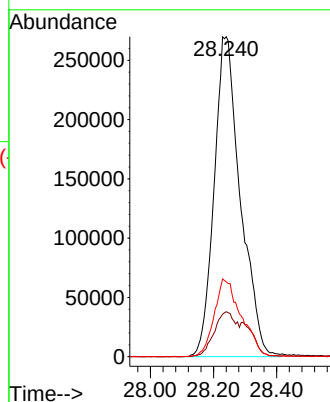
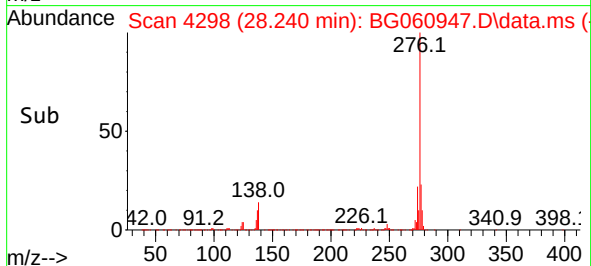
277 25.2 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#88

Benzo(b)fluoranthene

Concen: 46.952 ng

RT: 23.710 min Scan# 3527

Delta R.T. -0.007 min

Lab File: BG060947.D

Acq: 18 Apr 2024 22:40

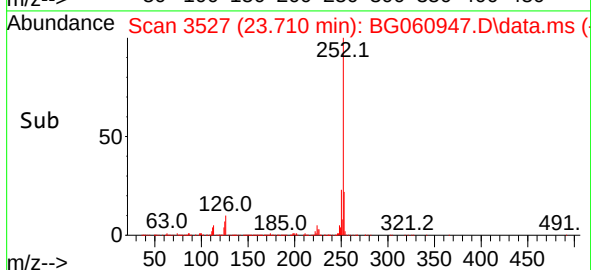
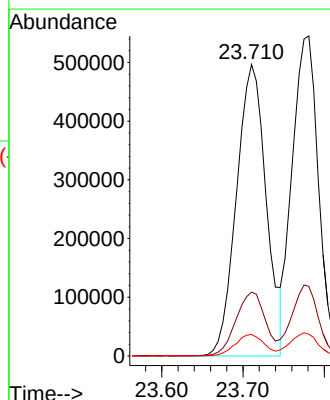
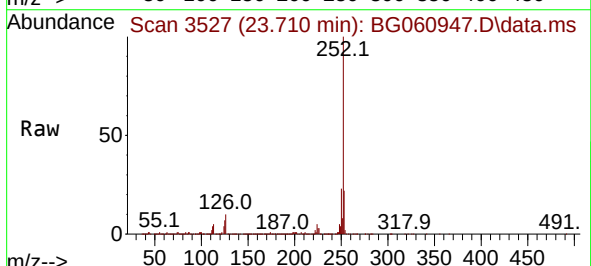
Tgt Ion:252 Resp: 1265461

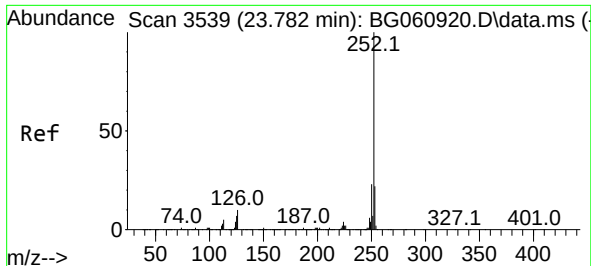
Ion Ratio Lower Upper

252 100

253 21.9 16.8 25.2

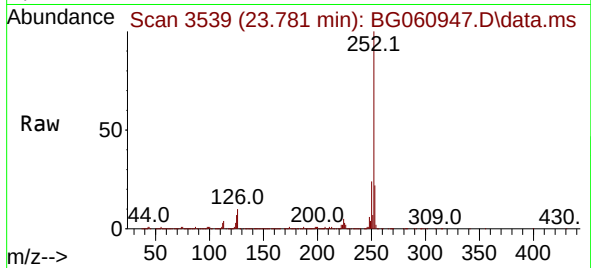
125 7.4 5.6 8.4





#89
Benzo(k)fluoranthene
Concen: 44.436 ng
RT: 23.781 min Scan# 3539
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

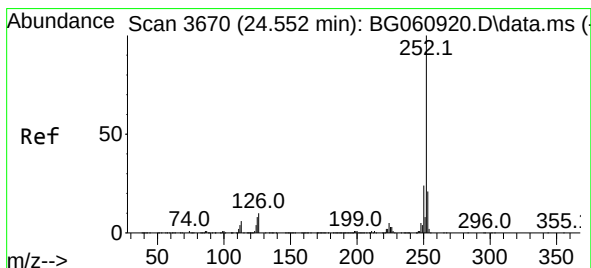
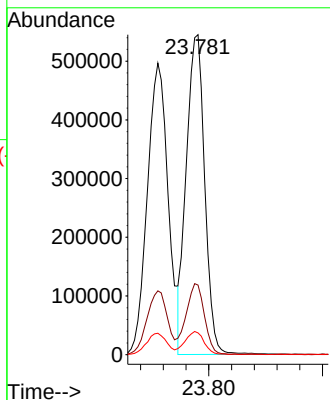
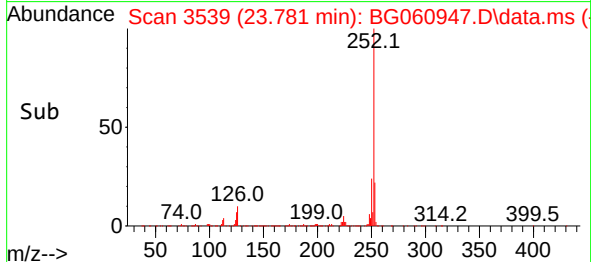
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



Tgt Ion:252 Resp: 1225218
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 6.8 5.8 8.8

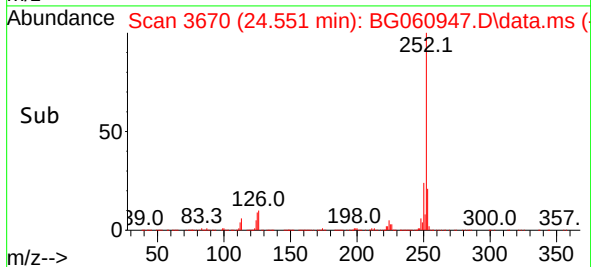
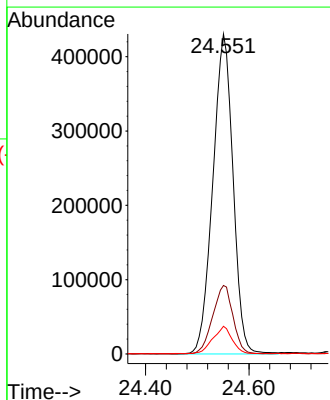
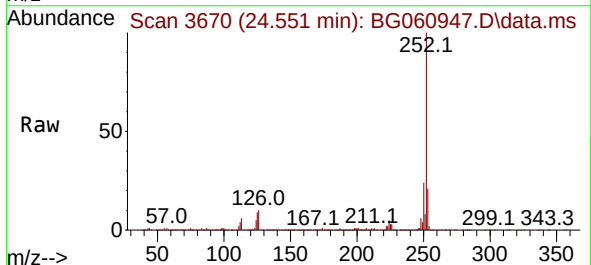
Manual Integrations
APPROVED

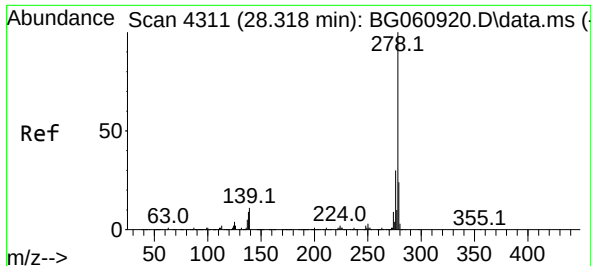
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#90
Benzo(a)pyrene
Concen: 43.923 ng
RT: 24.551 min Scan# 3670
Delta R.T. -0.001 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

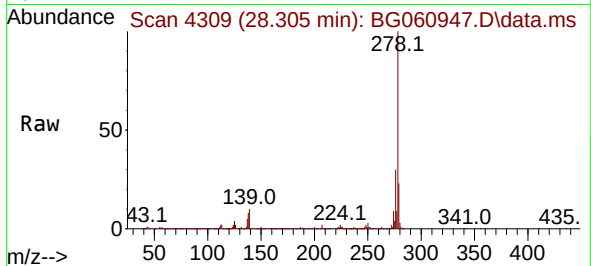
Tgt Ion:252 Resp: 1167154
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 8.6 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 47.327 ng
RT: 28.305 min Scan# 41
Delta R.T. -0.013 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

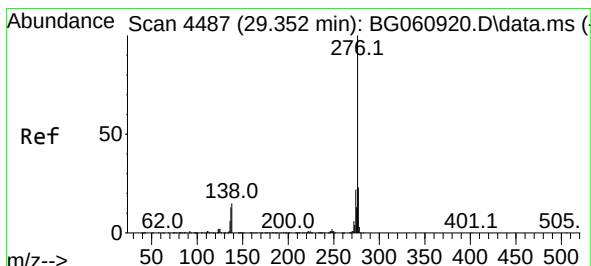
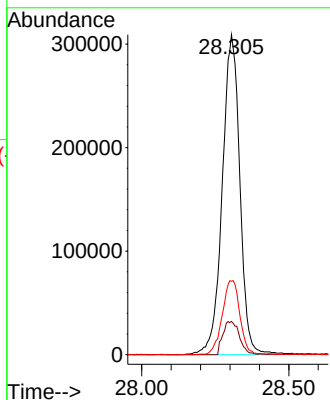
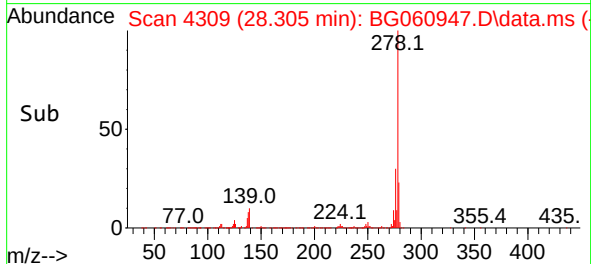
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD



Tgt Ion:278 Resp: 128327
Ion Ratio Lower Upper
278 100
139 10.4 8.6 12.8
279 22.9 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: 45.412 ng
RT: 29.339 min Scan# 4485
Delta R.T. -0.013 min
Lab File: BG060947.D
Acq: 18 Apr 2024 22:40

Tgt Ion:276 Resp: 1203831
Ion Ratio Lower Upper
276 100
277 24.0 18.3 27.5
138 15.3 12.2 18.4

