

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
 Data File : BG060963.D
 Acq On : 19 Apr 2024 17:36
 Operator : MA/JU
 Sample : P2189-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

YARD-2MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024

Quant Time: Apr 19 18:28:05 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	26480	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	100551	20.000	ng	# 0.00
39) Acenaphthene-d10	14.568	164	81491	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	195994	20.000	ng	# 0.00
76) Chrysene-d12	21.578	240	189742	20.000	ng	# 0.00
86) Perylene-d12	24.698	264	228010	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	145113	95.188	ng	0.00
7) Phenol-d6	7.112	99	206748	94.141	ng	0.00
23) Nitrobenzene-d5	9.098	82	157528	71.122	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	195557	145.260	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	433392	78.044	ng	0.00
79) Terphenyl-d14	19.939	244	891244	81.976	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	13424	21.783	ng	# 83
3) Pyridine	3.840	79	40216	20.511	ng	# 82
4) n-Nitrosodimethylamine	3.758	42	49805	39.806	ng	# 65
6) Aniline	7.271	93	60343	22.552	ng	98
8) 2-Chlorophenol	7.512	128	71031	40.956	ng	94
9) Benzaldehyde	7.089	77	3014	2.555	ng	82
10) Phenol	7.136	94	80386	36.523	ng	81
11) bis(2-Chloroethyl)ether	7.365	93	54608	31.986	ng	97
12) 1,3-Dichlorobenzene	7.835	146	70781	38.411	ng	98
13) 1,4-Dichlorobenzene	7.976	146	74445	39.462	ng	99
14) 1,2-Dichlorobenzene	8.293	146	73215	39.911	ng	98
15) Benzyl Alcohol	8.176	79	72330	38.286	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.458	45	130175	31.551	ng	98
17) 2-Methylphenol	8.382	107	61673	35.463	ng	95
18) Hexachloroethane	9.022	117	26699	39.857	ng	91
19) n-Nitroso-di-n-propyla...	8.746	70	53182	31.792	ng	# 84
20) 3+4-Methylphenols	8.711	107	86034	35.659	ng	96
22) Acetophenone	8.758	105	113369	39.592	ng	# 90
24) Nitrobenzene	9.139	77	86525	39.805	ng	# 97
25) Isophorone	9.662	82	148985	36.450	ng	# 96
26) 2-Nitrophenol	9.845	139	40142	43.958	ng	# 82
27) 2,4-Dimethylphenol	9.909	122	51825	32.210	ng	88
28) bis(2-Chloroethoxy)met...	10.144	93	78315	34.075	ng	98
29) 2,4-Dichlorophenol	10.385	162	78642	45.050	ng	99
30) 1,2,4-Trichlorobenzene	10.602	180	87032	46.511	ng	96
31) Naphthalene	10.790	128	220222	40.497	ng	99
32) Benzoic acid	10.062	122	55319	42.475	ng	93
33) 4-Chloroaniline	10.890	127	58301	22.876	ng	99
34) Hexachlorobutadiene	11.078	225	71409	53.681	ng	99
35) Caprolactam	11.672	113	24426m	37.924	ng	
36) 4-Chloro-3-methylphenol	12.018	107	88450	41.922	ng	97
37) 2-Methylnaphthalene	12.394	142	163367	39.711	ng	92
38) 1-Methylnaphthalene	12.612	142	155362	40.003	ng	98
40) 1,2,4,5-Tetrachloroben...	12.765	216	128411	51.065	ng	99
41) Hexachlorocyclopentadiene	12.747	237	113278	88.098	ng	97
43) 2,4,6-Trichlorophenol	13.000	196	84539	48.345	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	92448	43.839	ng	98
46) 1,1'-Biphenyl	13.405	154	245395	44.288	ng	96
47) 2-Chloronaphthalene	13.446	162	190934	45.023	ng	96
48) 2-Nitroaniline	13.640	65	70561	40.546	ng	93
49) Acenaphthylene	14.292	152	321731	44.865	ng	100
50) Dimethylphthalate	14.028	163	266601	41.227	ng	99
51) 2,6-Dinitrotoluene	14.139	165	55583	42.172	ng	95
52) Acenaphthene	14.633	154	183066	42.093	ng	95
53) 3-Nitroaniline	14.469	138	45302	31.312	ng	# 94
54) 2,4-Dinitrophenol	14.680	184	65358	77.784	ng	92
55) Dibenzofuran	14.968	168	313167	42.626	ng	95
56) 4-Nitrophenol	14.786	139	90210	81.437	ng	# 78
57) 2,4-Dinitrotoluene	14.933	165	84012	44.607	ng	# 95
58) Fluorene	15.620	166	260600	42.763	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.197	232	96835	49.985	ng	# 96
60) Diethylphthalate	15.397	149	262479	40.524	ng	99
61) 4-Chlorophenyl-phenyle...	15.614	204	152808	45.236	ng	98
62) 4-Nitroaniline	15.638	138	56677	36.433	ng	# 75
63) Azobenzene	15.908	77	228249	37.390	ng	90
65) 4,6-Dinitro-2-methylph...	15.696	198	49771	45.517	ng	95
66) n-Nitrosodiphenylamine	15.826	169	237217	44.090	ng	96
67) 4-Bromophenyl-phenylether	16.507	248	110424	50.293	ng	97
68) Hexachlorobenzene	16.625	284	135200	56.591	ng	96
69) Atrazine	16.783	200	98152	50.760	ng	95
70) Pentachlorophenol	16.971	266	173369	107.152	ng	97
71) Phenanthrene	17.359	178	450106	45.371	ng	99
72) Anthracene	17.453	178	447207	43.885	ng	99
73) Carbazole	17.718	167	374902	42.226	ng	99
74) Di-n-butylphthalate	18.293	149	437168	40.899	ng	99
75) Fluoranthene	19.369	202	565227	44.762	ng	96
77) Benzidine	19.551	184	253533	60.579	ng	97
78) Pyrene	19.733	202	584858	44.934	ng	99
80) Butylbenzylphthalate	20.632	149	192245	40.212	ng	94
81) Benzo(a)anthracene	21.560	228	603301	45.027	ng	99
82) 3,3'-Dichlorobenzidine	21.478	252	188881	39.586	ng	98
83) Chrysene	21.625	228	565223	44.182	ng	99
84) Bis(2-ethylhexyl)phtha...	21.490	149	276061	39.051	ng	# 99
85) Di-n-octyl phthalate	22.677	149	458618	37.598	ng	100
87) Indeno(1,2,3-cd)pyrene	28.235	276	747734	47.423	ng	# 91
88) Benzo(b)fluoranthene	23.711	252	599454	46.467	ng	# 96
89) Benzo(k)fluoranthene	23.781	252	587619	44.525	ng	# 96
90) Benzo(a)pyrene	24.551	252	560124	44.038	ng	# 97
91) Dibenzo(a,h)anthracene	28.305	278	598408	46.107	ng	# 96
92) Benzo(g,h,i)perylene	29.339	276	538000	42.401	ng	# 94

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

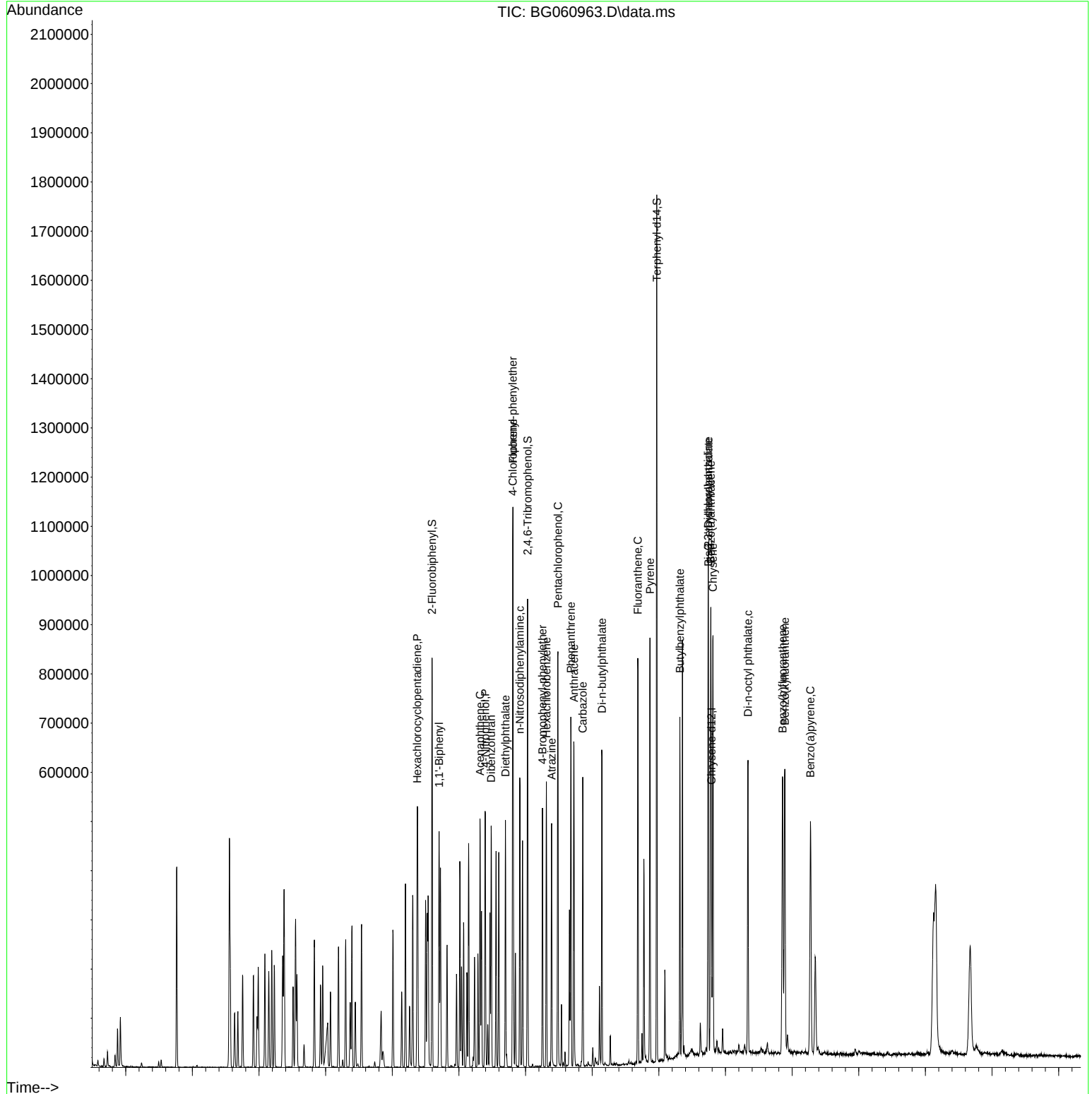
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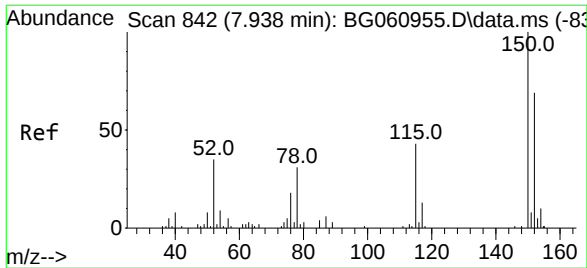
Instrument :
BNA_G
ClientSampleId :
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Supervised By :mohammad ahmed 04/22/2024





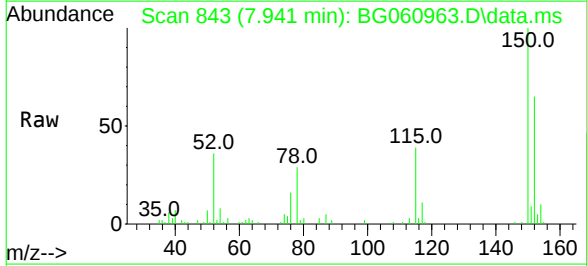
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

Instrument :

BNA_G

ClientSampleId :

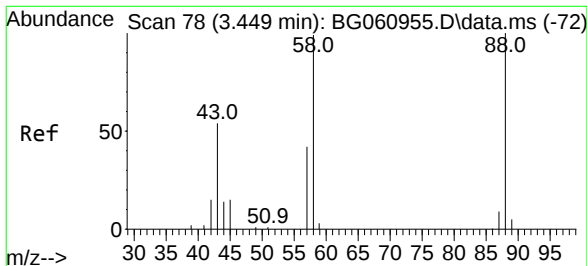
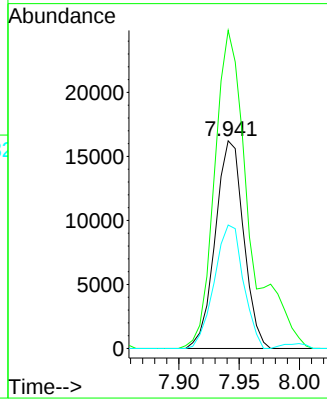
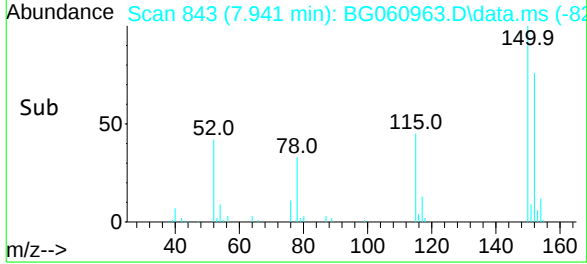
YARD-2MSD



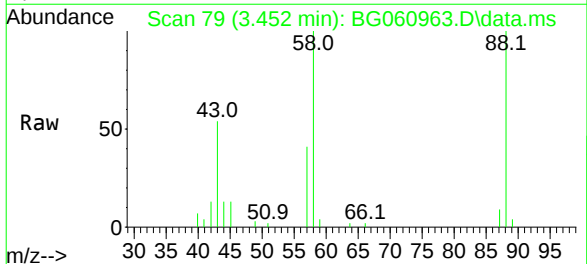
Tgt Ion:152 Resp: 26480
Ion Ratio Lower Upper
152 100
150 153.2 125.6 188.4
115 59.4 47.1 70.7

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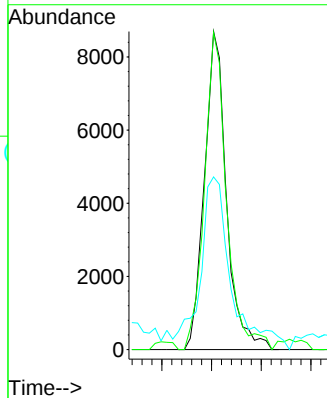
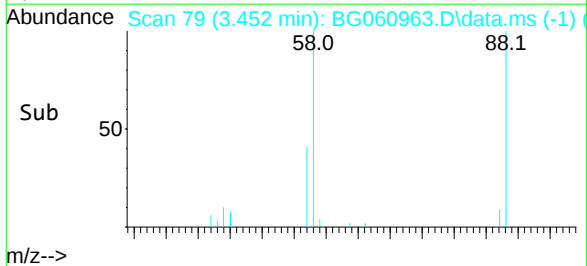
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

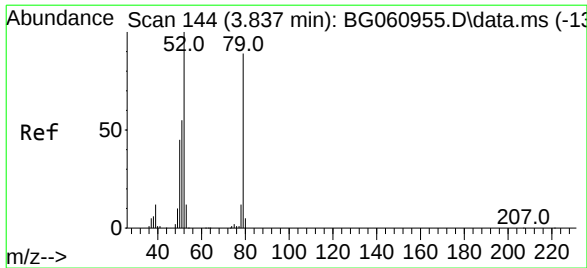


#2
1,4-Dioxane
Concen: 21.783 ng
RT: 3.452 min Scan# 79
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36



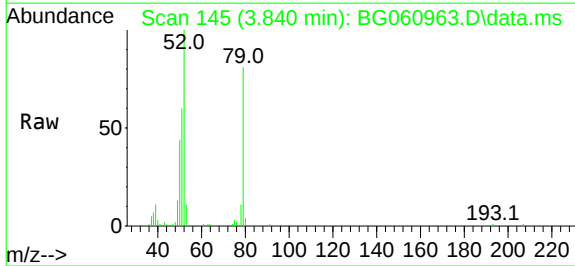
Tgt Ion: 88 Resp: 13424
Ion Ratio Lower Upper
88 100
58 99.7 82.1 123.1
43 75.3 35.2 52.8#





#3
Pyridine
Concen: 20.511 ng
RT: 3.840 min Scan# 144
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

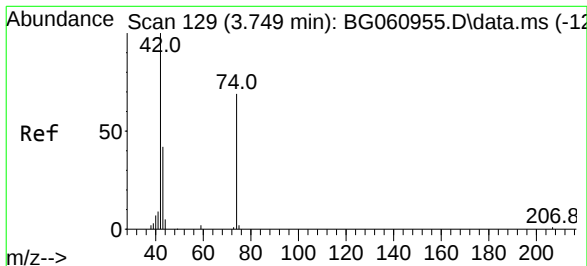
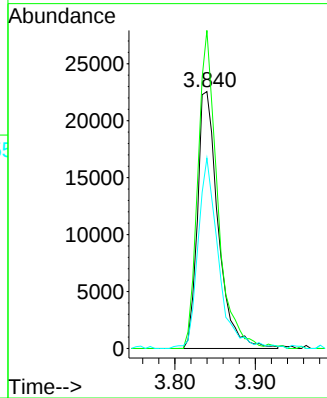
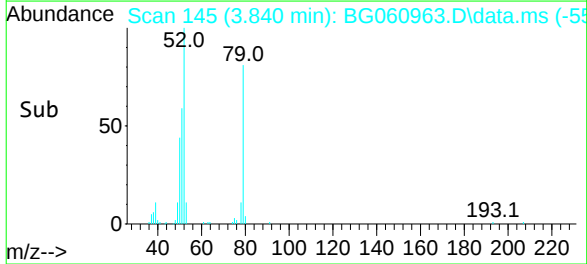
Instrument :
BNA_G
ClientSampleId :
YARD-2MSD



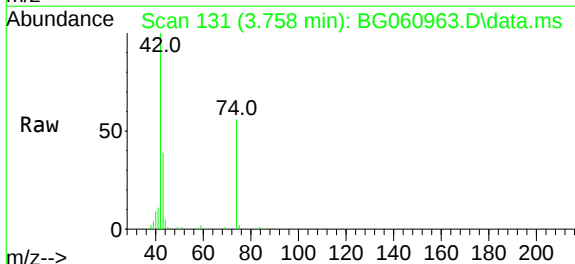
Tgt Ion: 79 Resp: 40216
Ion Ratio Lower Upper
79 100
52 123.8 87.8 131.8
51 74.1 44.1 66.1#

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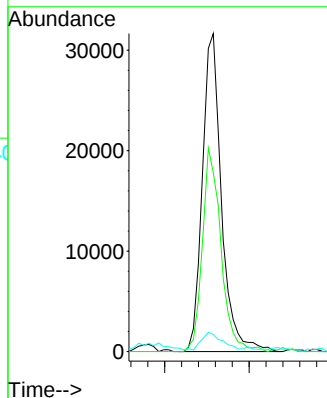
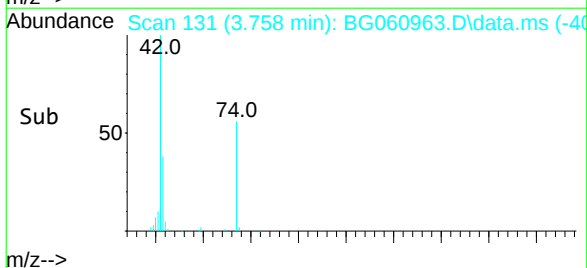
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

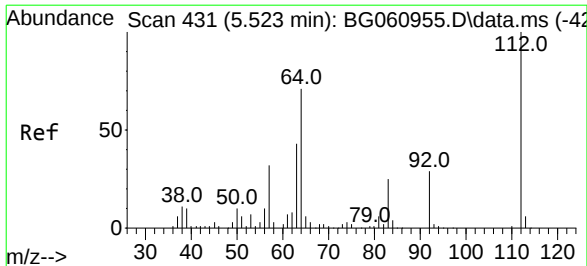


#4
n-Nitrosodimethylamine
Concen: 39.806 ng
RT: 3.758 min Scan# 131
Delta R.T. 0.005 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36



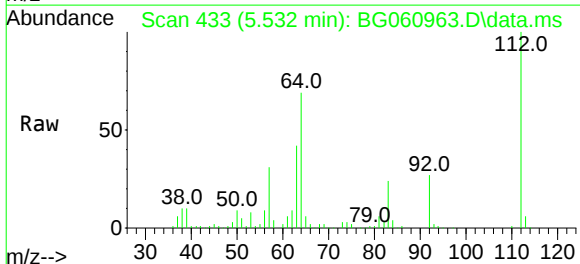
Tgt Ion: 42 Resp: 49805
Ion Ratio Lower Upper
42 100
74 56.2 73.2 109.8#
44 5.4 5.6 8.4#





#5
2-Fluorophenol
Concen: 95.188 ng
RT: 5.532 min Scan# 431
Delta R.T. 0.005 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

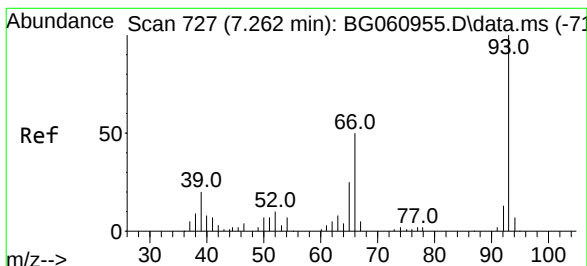
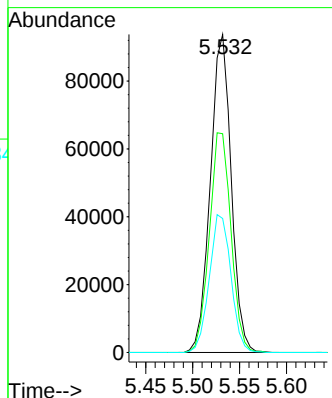
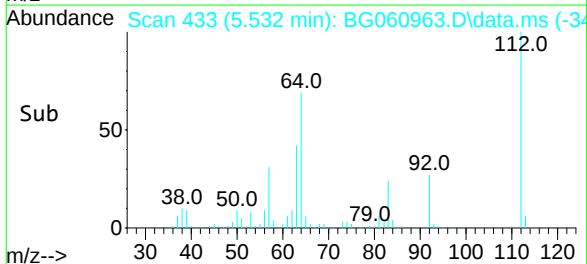
Instrument :
BNA_G
ClientSampleId :
YARD-2MSD



Tgt Ion: 112 Resp: 145113
Ion Ratio Lower Upper
112 100
64 68.8 58.9 88.3
63 42.1 32.1 48.1

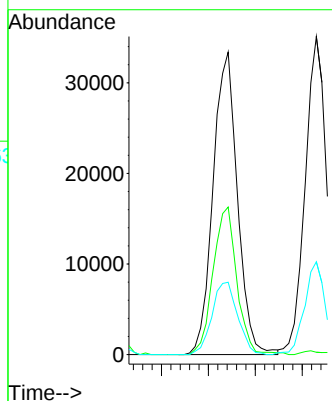
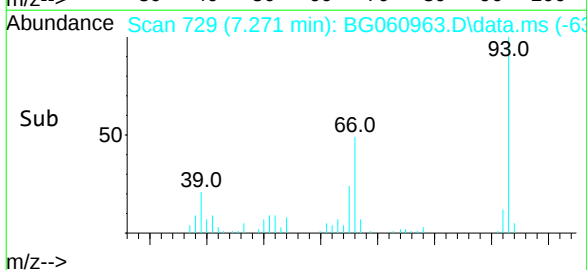
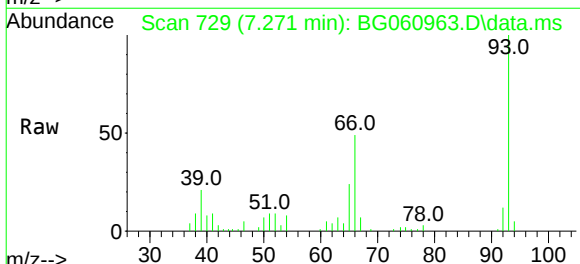
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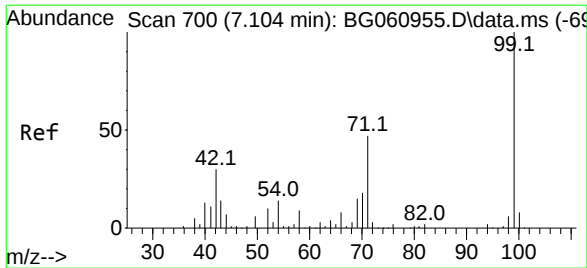
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#6
Aniline
Concen: 22.552 ng
RT: 7.271 min Scan# 729
Delta R.T. 0.005 min
Lab File: BG060963.D
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Tgt Ion: 93 Resp: 60343
Ion Ratio Lower Upper
93 100
66 48.8 37.8 56.8
65 23.9 18.7 28.1





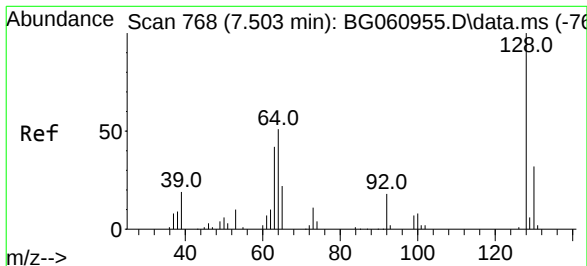
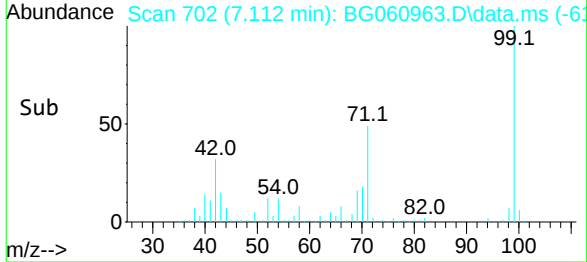
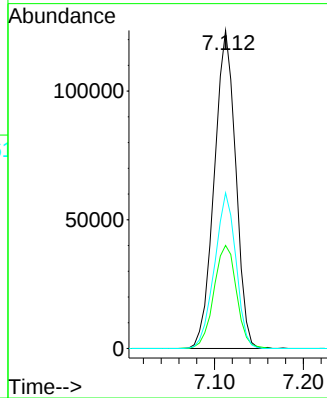
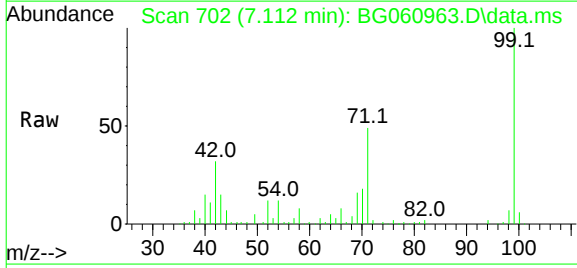
#7
Phenol-d6
Concen: 94.141 ng
RT: 7.112 min Scan# 700
Delta R.T. 0.005 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

Instrument :
BNA_G
ClientSampleId :
YARD-2MSD

Tgt Ion: 99 Resp: 206748
Ion Ratio Lower Upper
99 100
42 32.4 22.2 33.2
71 48.9 30.5 45.7

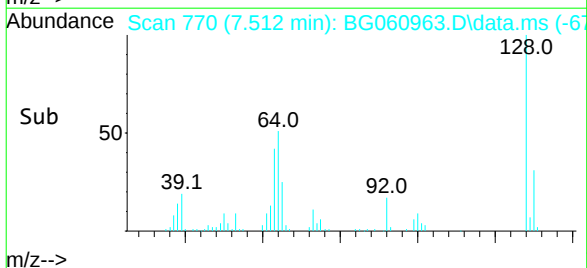
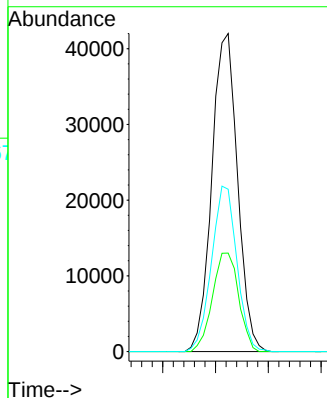
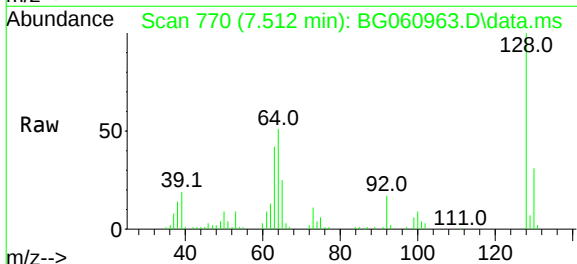
Manual Integrations
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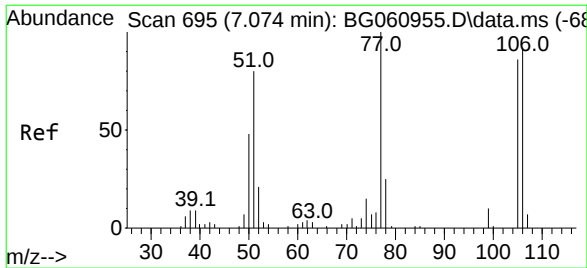
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#8
2-Chlorophenol
Concen: 40.956 ng
RT: 7.512 min Scan# 770
Delta R.T. 0.005 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

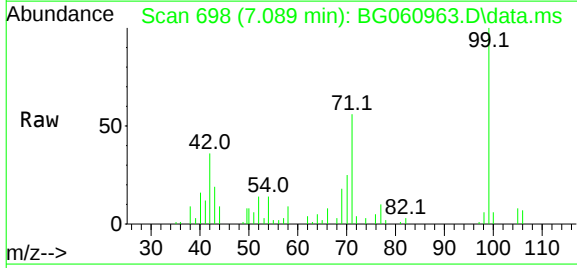
Tgt Ion:128 Resp: 71031
Ion Ratio Lower Upper
128 100
130 31.0 11.7 51.7
64 51.0 37.8 77.8





#9
Benzaldehyde
Concen: 2.555 ng
RT: 7.089 min Scan# 69
Delta R.T. 0.011 min
Lab File: BG060963.D
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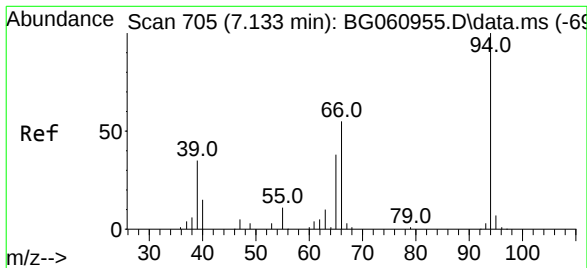
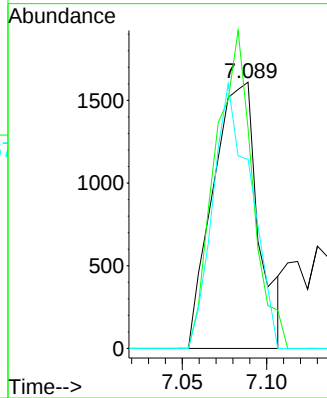
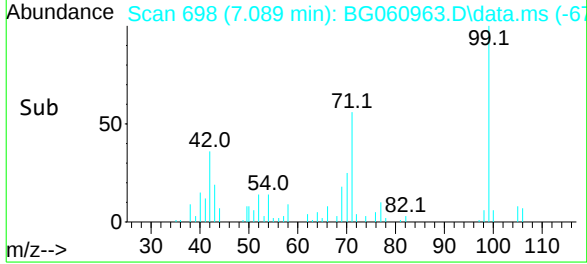
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Tgt Ion: 77 Resp: 3014
Ion Ratio Lower Upper
77 100
105 82.7 79.9 119.9
106 71.1 69.3 109.3

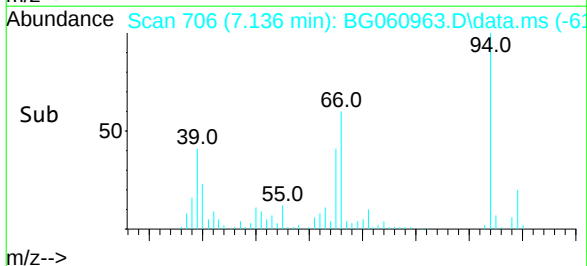
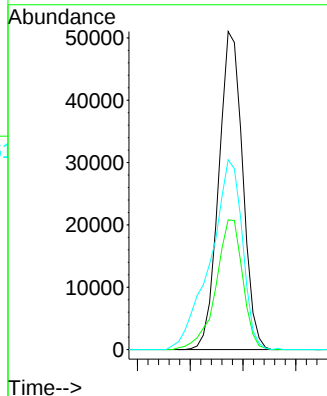
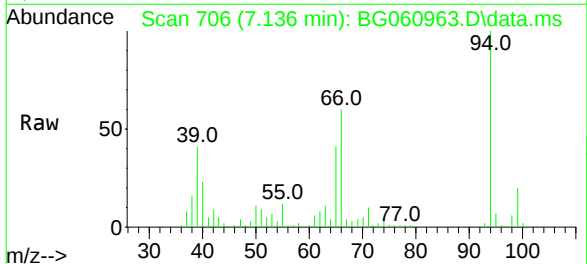
Manual Integrations
APPROVED

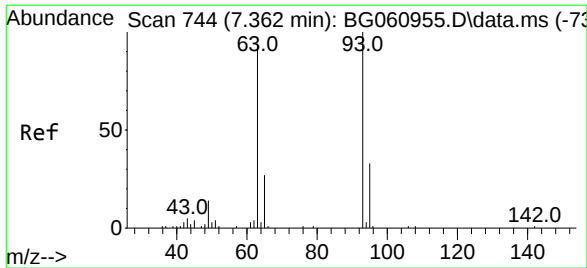
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#10
Phenol
Concen: 36.523 ng
RT: 7.136 min Scan# 706
Delta R.T. 0.005 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

Tgt Ion: 94 Resp: 80386
Ion Ratio Lower Upper
94 100
65 40.8 13.6 53.6
66 59.7 24.3 64.3





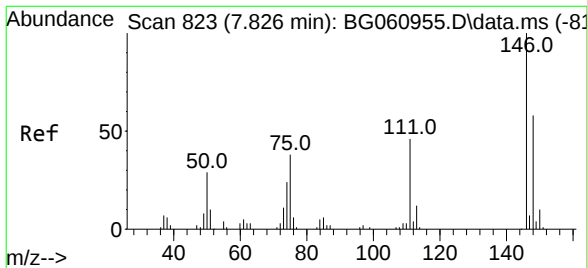
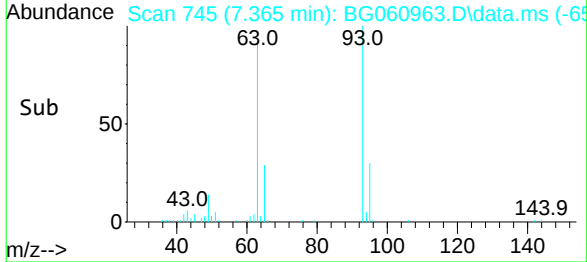
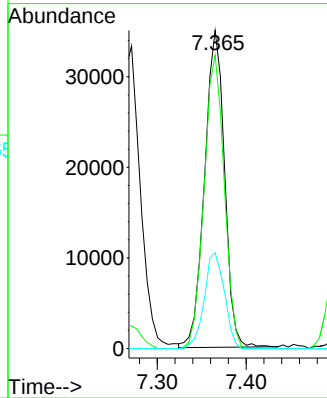
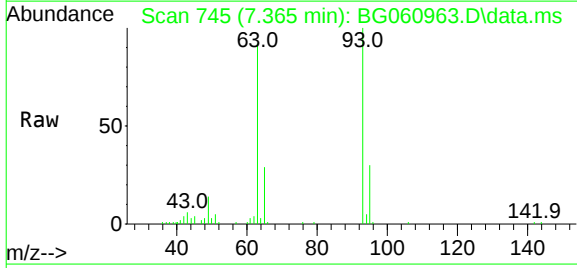
#11
bis(2-Chloroethyl)ether
Concen: 31.986 ng
RT: 7.365 min Scan# 744
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

Instrument :
BNA_G
ClientSampleId :
YARD-2MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	92.3	74.0	114.0
95	30.1	12.7	52.7

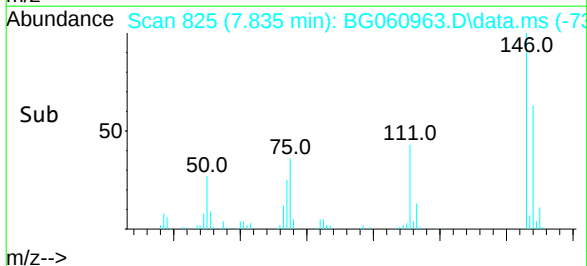
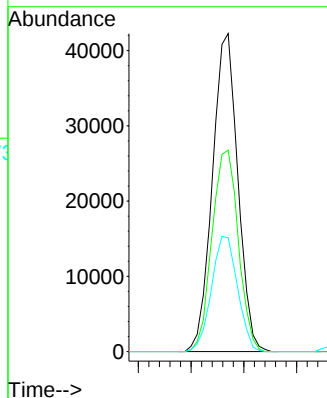
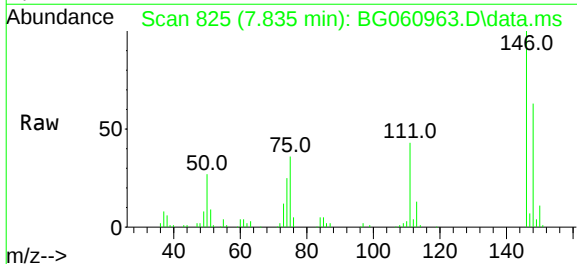
Manual Integrations
APPROVED

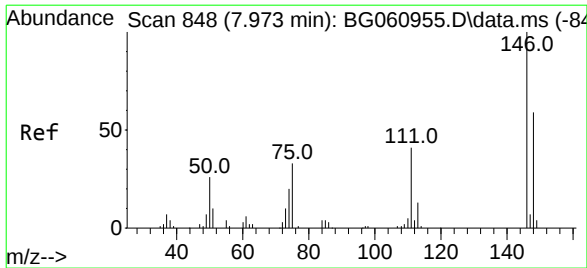
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#12
1,3-Dichlorobenzene
Concen: 38.411 ng
RT: 7.835 min Scan# 825
Delta R.T. 0.005 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

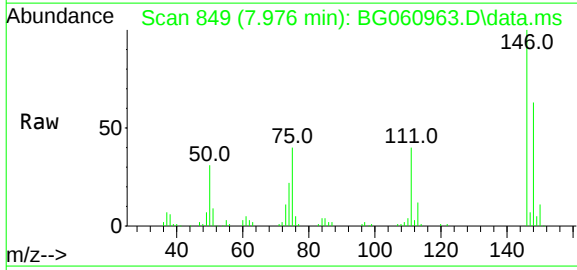
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	49.0	73.6
75	35.8	27.8	41.6





#13
1,4-Dichlorobenzene
Concen: 39.462 ng
RT: 7.976 min Scan# 848
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

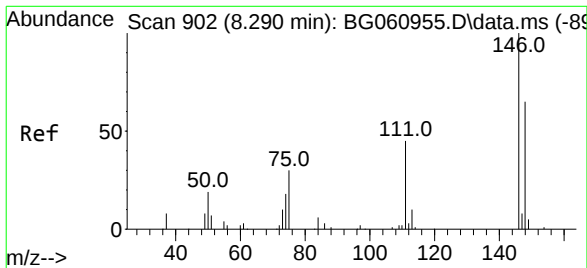
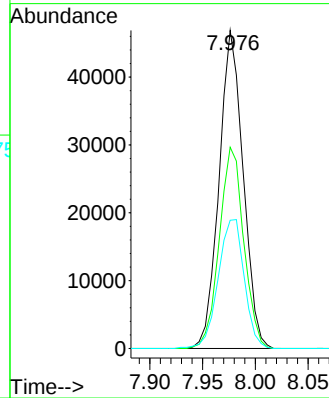
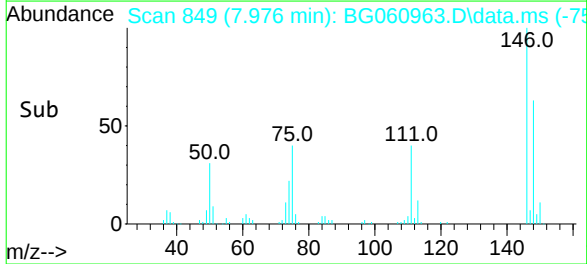
Instrument :
BNA_G
ClientSampleId :
YARD-2MSD



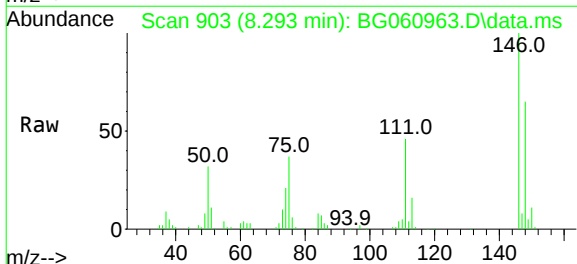
Tgt Ion:146 Resp: 74445
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.2
111 40.3 32.8 49.2

Manual Integrations
APPROVED

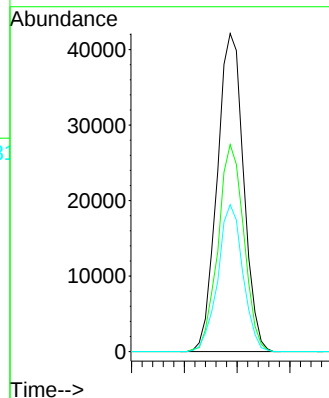
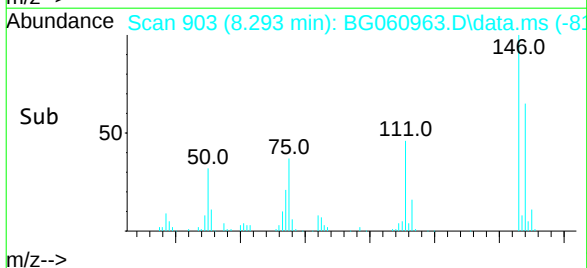
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

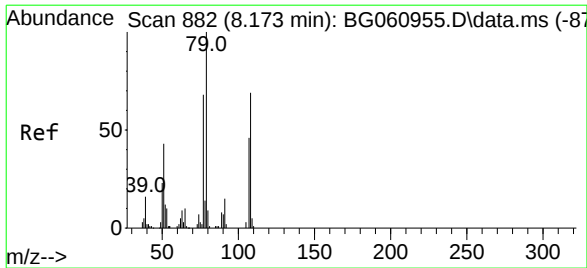


#14
1,2-Dichlorobenzene
Concen: 39.911 ng
RT: 8.293 min Scan# 903
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36



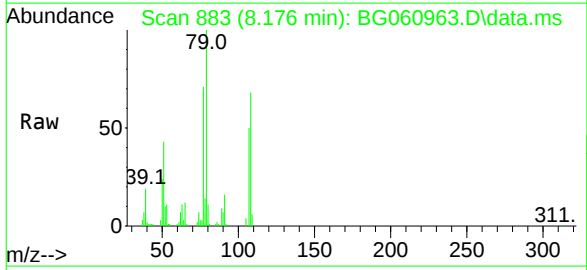
Tgt Ion:146 Resp: 73215
Ion Ratio Lower Upper
146 100
148 65.1 51.0 76.4
111 46.2 35.2 52.8





#15
Benzyl Alcohol
Concen: 38.286 ng
RT: 8.176 min Scan# 882
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

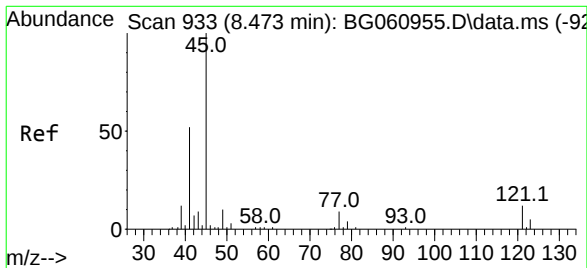
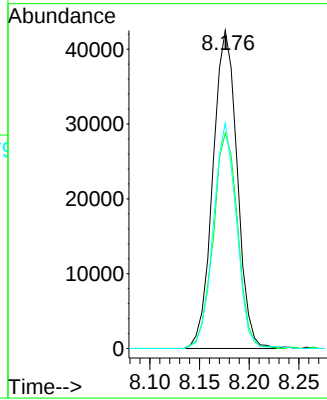
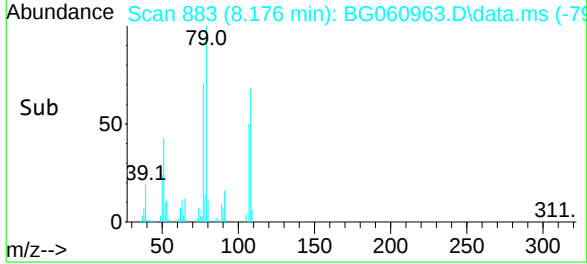
Instrument :
BNA_G
ClientSampleId :
YARD-2MSD



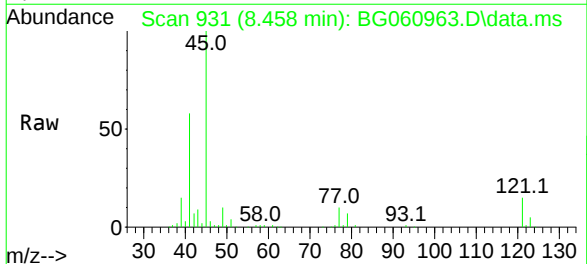
Tgt Ion: 79 Resp: 72330
Ion Ratio Lower Upper
79 100
108 67.7 58.6 87.8
77 70.9 51.9 77.9

Manual Integrations
APPROVED

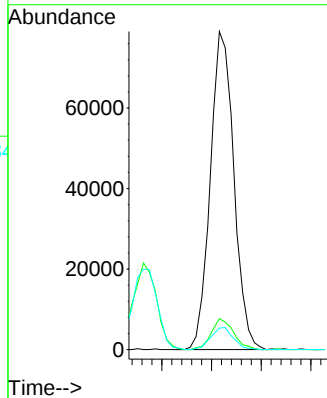
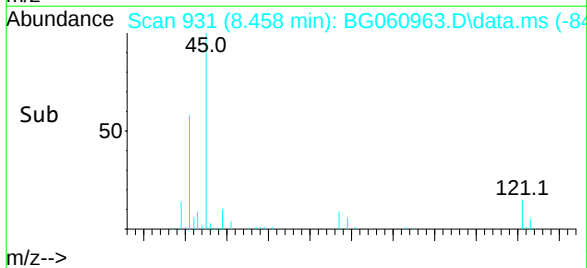
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

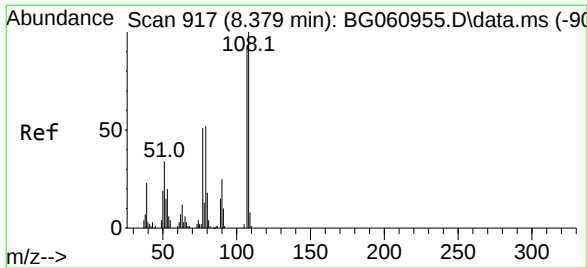


#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.551 ng
RT: 8.458 min Scan# 931
Delta R.T. -0.018 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36



Tgt Ion: 45 Resp: 130175
Ion Ratio Lower Upper
45 100
77 9.7 0.0 29.0
79 6.7 0.0 27.2





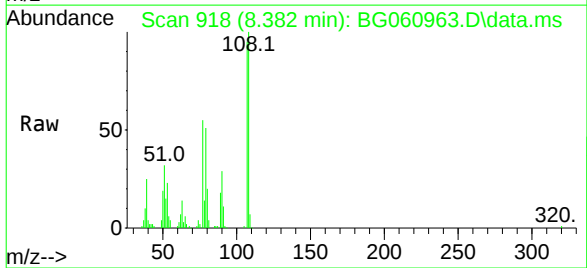
#17
2-Methylphenol
Concen: 35.463 ng
RT: 8.382 min Scan# 917
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

Instrument :

BNA_G

ClientSampleId :

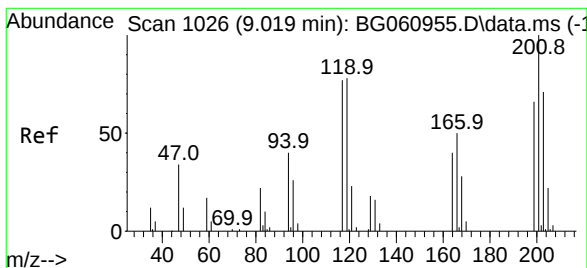
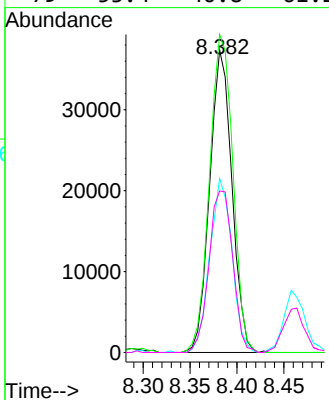
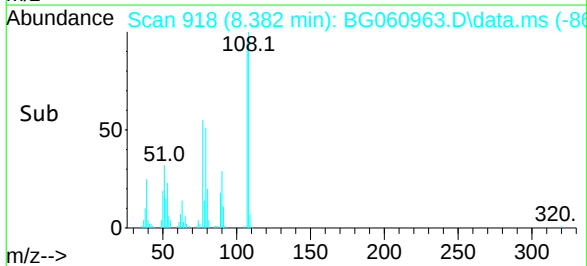
YARD-2MSD



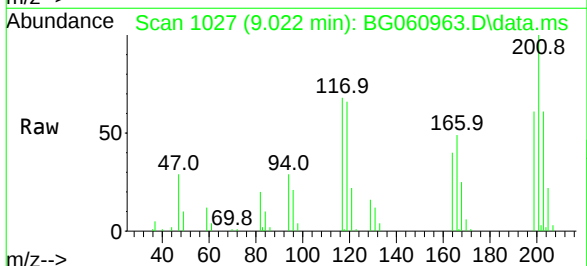
Tgt Ion:	107	Resp:	61673
Ion Ratio	Lower	Upper	
107	100		
108	105.2	88.3	132.5
77	57.6	41.4	62.0
79	53.4	40.8	61.2

Manual Integrations
APPROVED

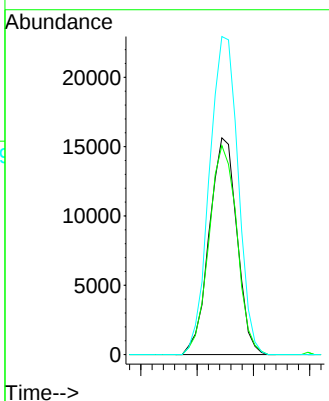
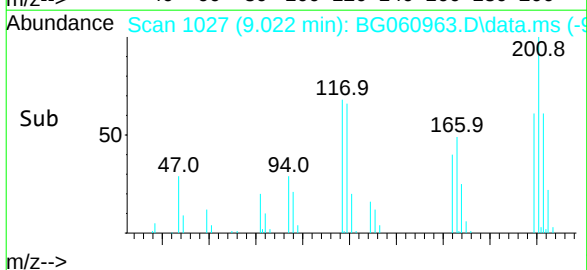
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

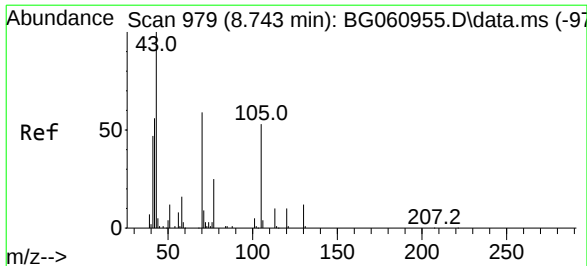


#18
Hexachloroethane
Concen: 39.857 ng
RT: 9.022 min Scan# 1027
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36



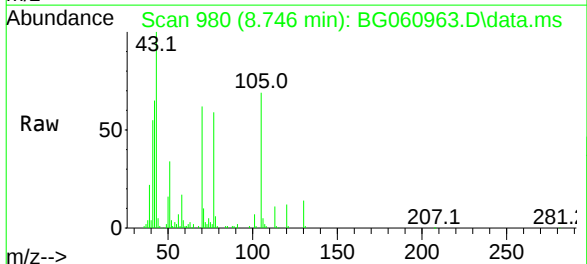
Tgt Ion:	117	Resp:	26699
Ion Ratio	Lower	Upper	
117	100		
119	94.8	73.8	110.6
201	144.3	102.9	154.3





#19
n-Nitroso-di-n-propylamine
Concen: 31.792 ng
RT: 8.746 min Scan# 98
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

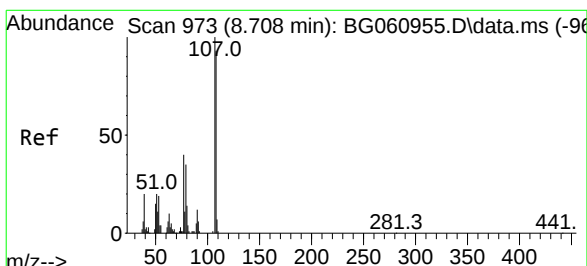
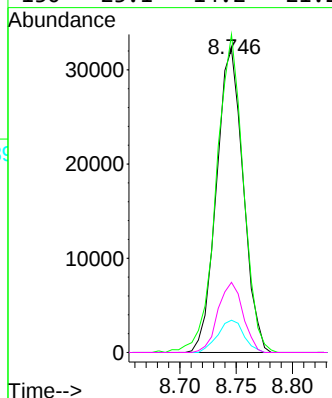
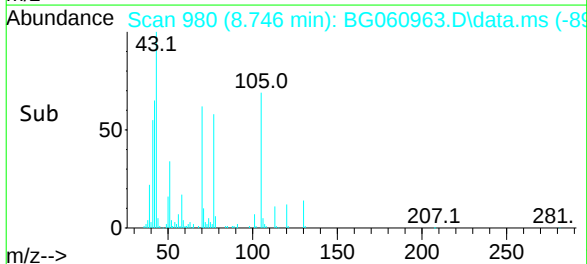
Instrument :
BNA_G
ClientSampleId :
YARD-2MSD



Tgt Ion: 70 Resp: 53182
Ion Ratio Lower Upper
70 100
42 104.8 70.9 106.3
101 10.6 7.0 10.4#
130 23.1 14.2 21.2#

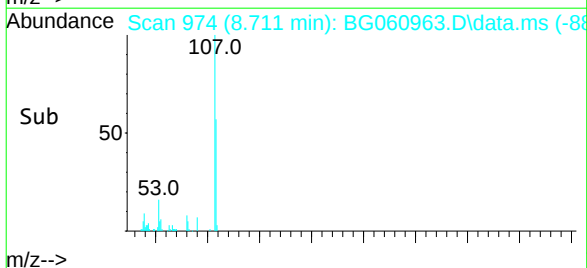
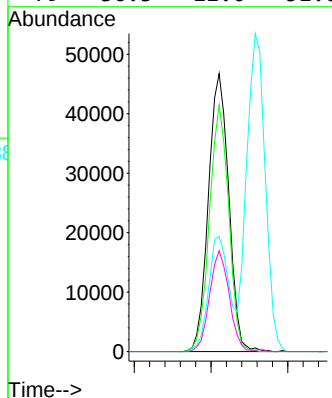
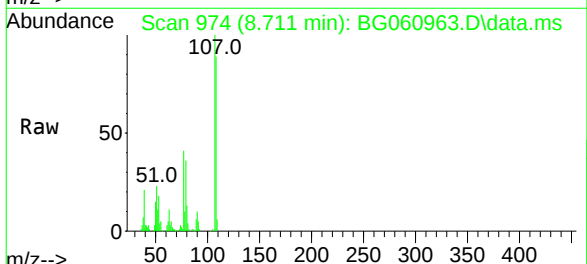
Manual Integrations
APPROVED

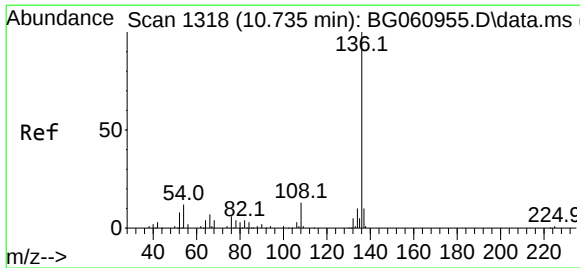
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#20
3+4-Methylphenols
Concen: 35.659 ng
RT: 8.711 min Scan# 974
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

Tgt Ion:107 Resp: 86034
Ion Ratio Lower Upper
107 100
108 88.7 69.9 109.9
77 41.4 17.5 57.5
79 36.3 11.0 51.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1318
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

Instrument :

BNA_G

ClientSampleId :

YARD-2MSD

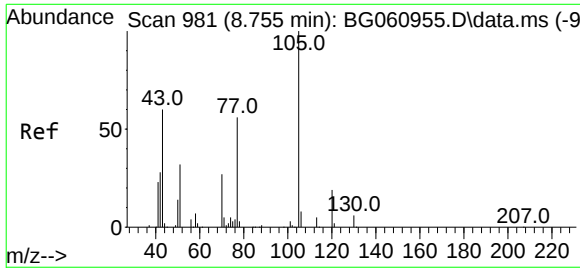
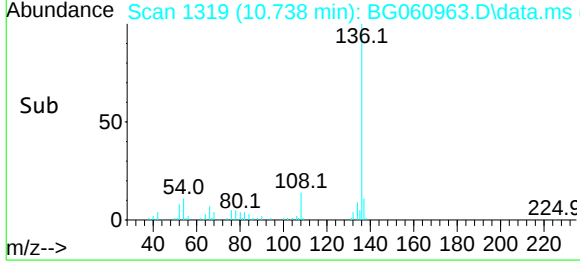
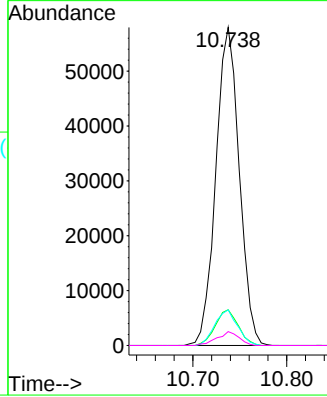
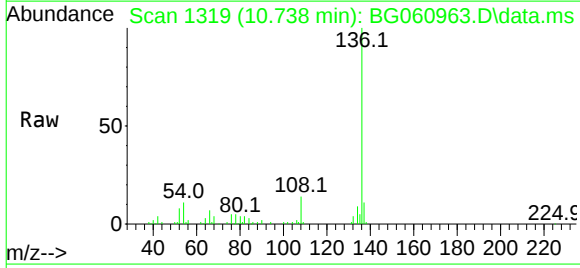
Tgt Ion:	136	Resp:	100551
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	11.2	9.8	14.8
68	4.4	5.0	7.4#

Manual Integrations

APPROVED

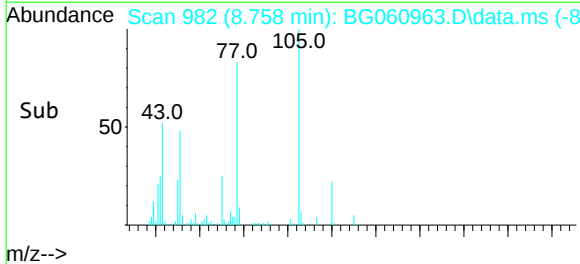
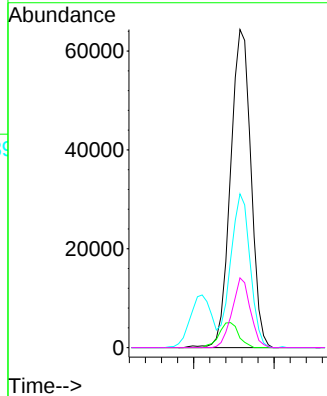
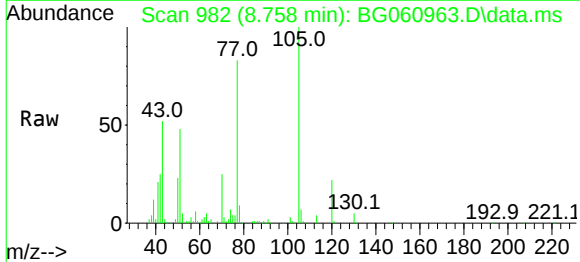
Reviewed By :Yogesh Patel 04/22/2024

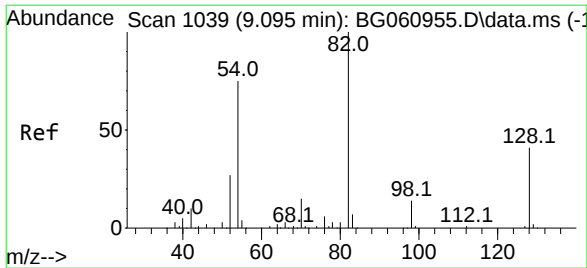
Supervised By :mohammad ahmed 04/22/2024



#22
Acetophenone
Concen: 39.592 ng
RT: 8.758 min Scan# 982
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

Tgt Ion:	105	Resp:	113369
Ion	Ratio	Lower	Upper
105	100		
71	3.0	3.8	5.6#
51	48.3	32.1	48.1#
120	21.9	16.1	24.1





#23
Nitrobenzene-d5
Concen: 71.122 ng
RT: 9.098 min Scan# 1039
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

Instrument :

BNA_G

ClientSampleId :

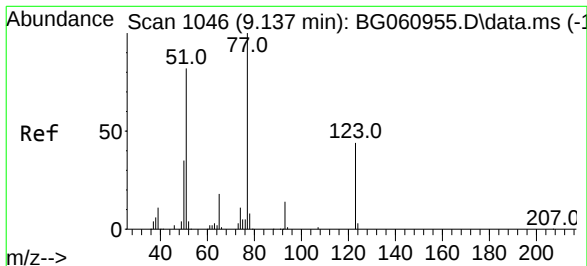
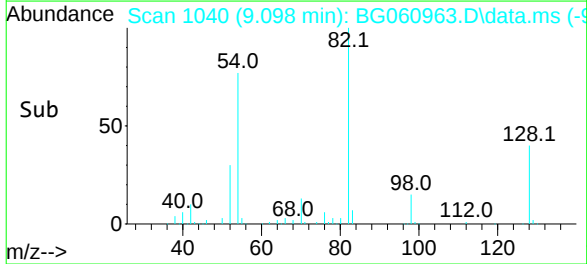
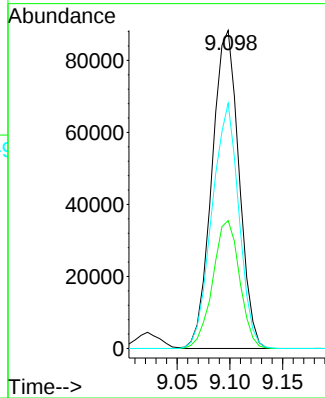
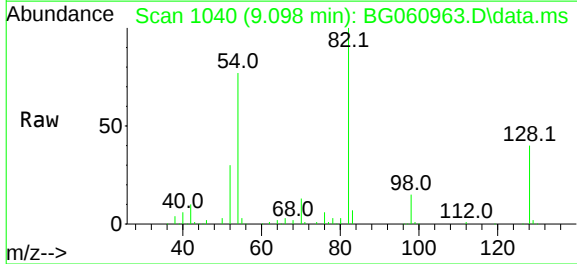
YARD-2MSD

Tgt Ion: 82 Resp: 157528
Ion Ratio Lower Upper
82 100
128 40.2 31.4 47.0
54 77.1 54.2 81.4

Manual Integrations

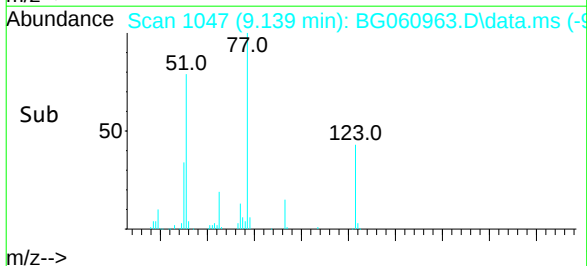
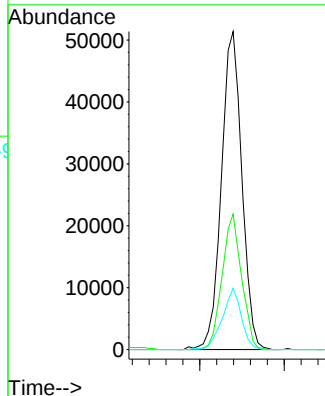
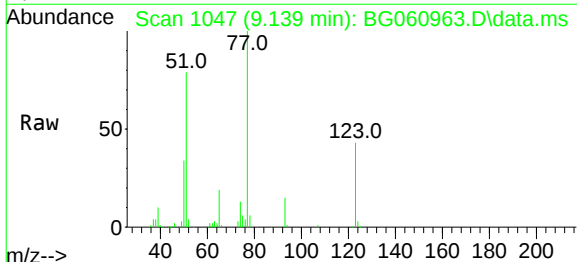
APPROVED

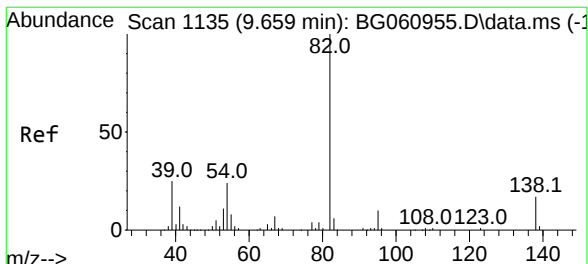
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#24
Nitrobenzene
Concen: 39.805 ng
RT: 9.139 min Scan# 1047
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

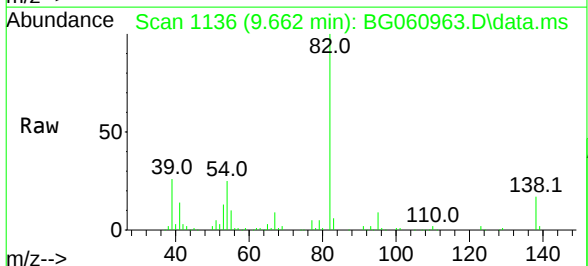
Tgt Ion: 77 Resp: 86525
Ion Ratio Lower Upper
77 100
123 42.7 34.8 52.2
65 19.3 12.6 19.0#





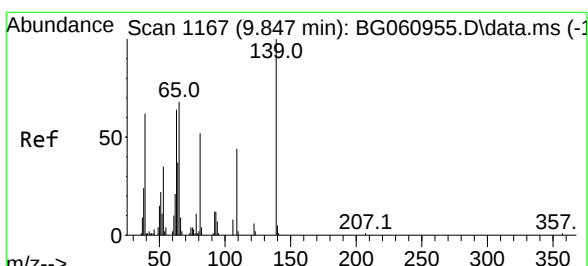
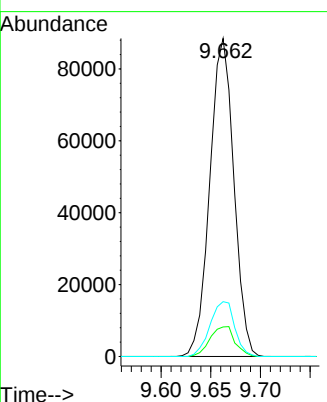
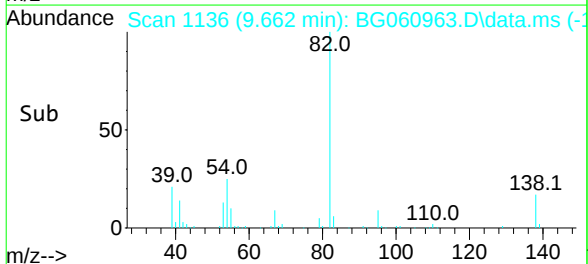
#25
Isophorone
Concen: 36.450 ng
RT: 9.662 min Scan# 1136
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

Instrument : BNA_G
ClientSampleId : YARD-2MSD

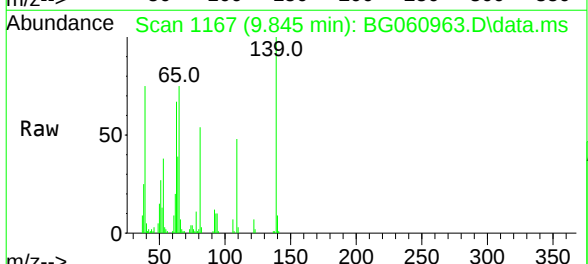


Tgt Ion:	82	Resp:	148985
Ion	Ratio	Lower	Upper
82	100		
95	9.3	5.9	8.9#
138	17.2	12.7	19.1

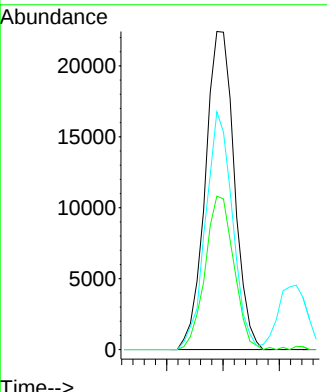
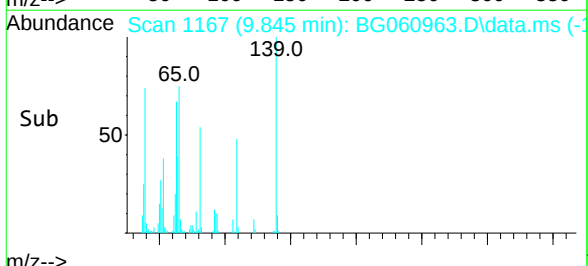
Manual Integrations
APPROVED
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

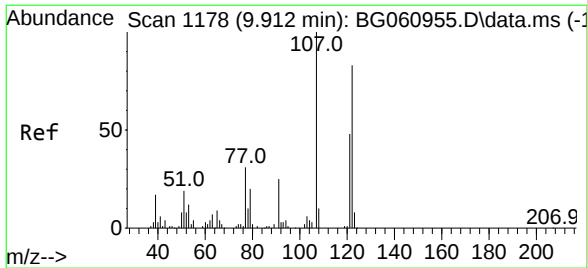


#26
2-Nitrophenol
Concen: 43.958 ng
RT: 9.845 min Scan# 1167
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36



Tgt Ion:	139	Resp:	40142
Ion	Ratio	Lower	Upper
139	100		
109	48.2	26.9	40.3#
65	74.8	51.4	77.2





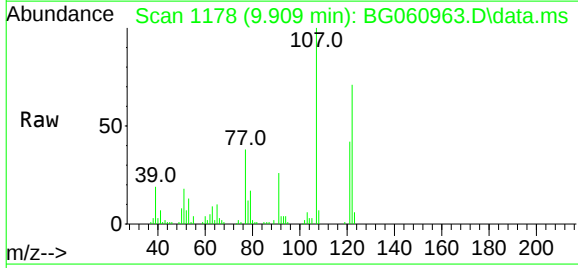
#27
2,4-Dimethylphenol
Concen: 32.210 ng
RT: 9.909 min Scan# 1178
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

Instrument :

BNA_G

ClientSampleId :

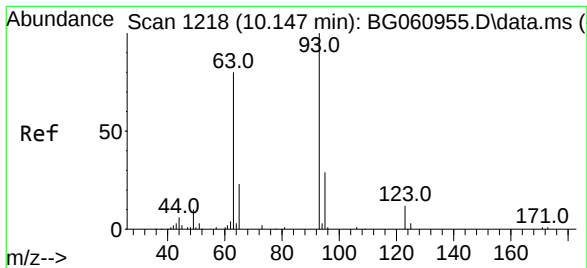
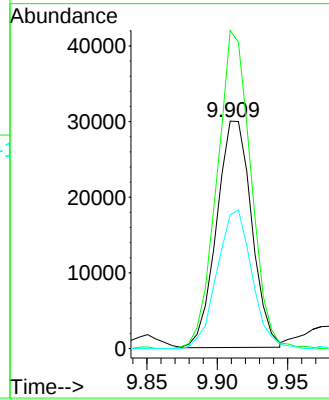
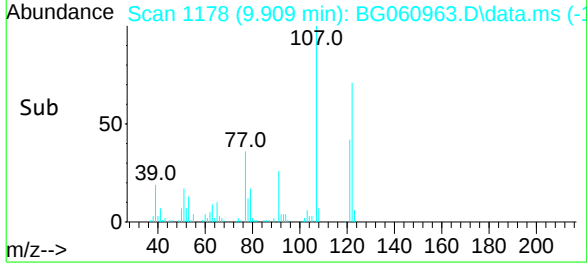
YARD-2MSD



Tgt Ion:122 Resp: 51825
Ion Ratio Lower Upper
122 100
107 139.9 96.6 144.8
121 58.8 47.0 70.4

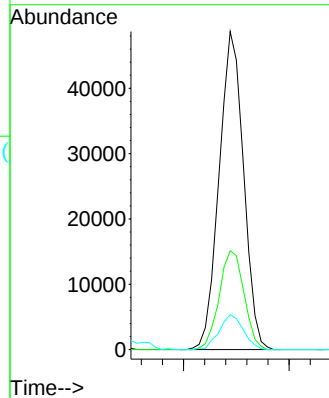
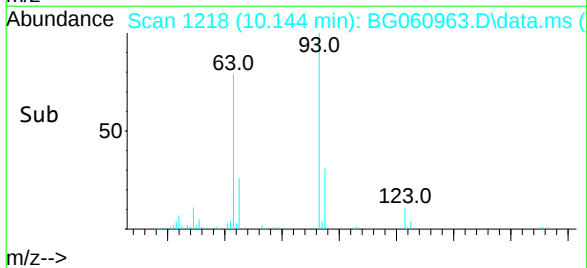
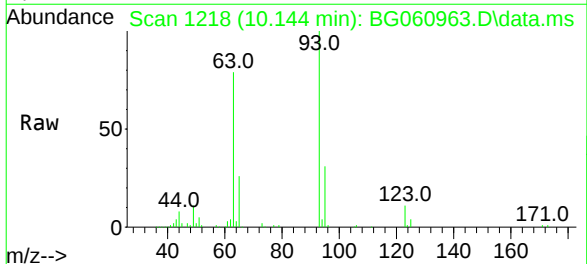
Manual Integrations
APPROVED

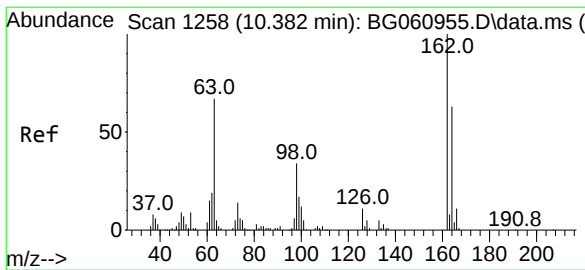
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#28
bis(2-Chloroethoxy)methane
Concen: 34.075 ng
RT: 10.144 min Scan# 1218
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

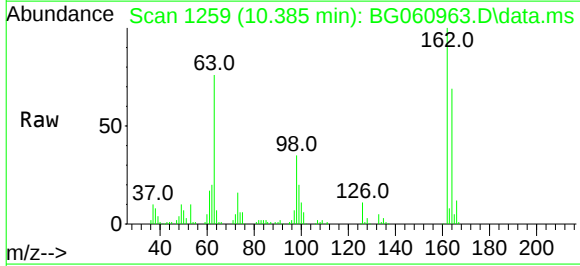
Tgt Ion: 93 Resp: 78315
Ion Ratio Lower Upper
93 100
95 31.1 26.2 39.4
123 11.0 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 45.050 ng
RT: 10.385 min Scan# 1258
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

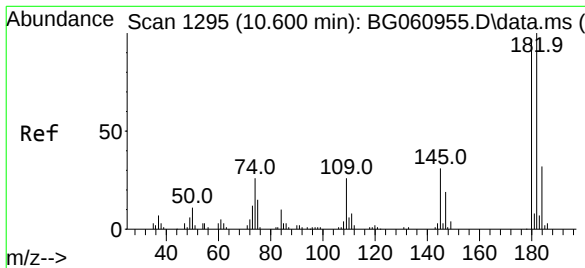
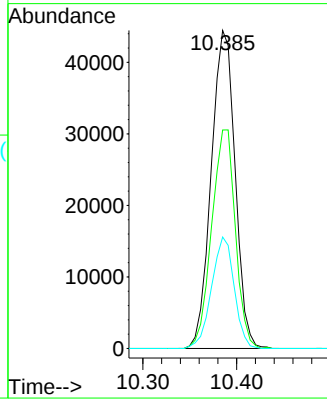
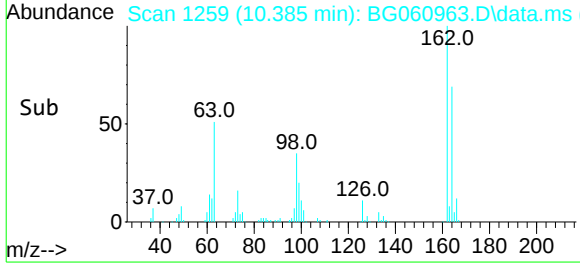
Instrument :
BNA_G
ClientSampleId :
YARD-2MSD



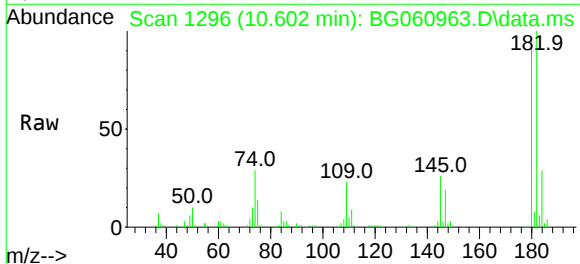
Tgt Ion:162 Resp: 78642
Ion Ratio Lower Upper
162 100
164 68.7 48.1 88.1
98 35.1 16.1 56.1

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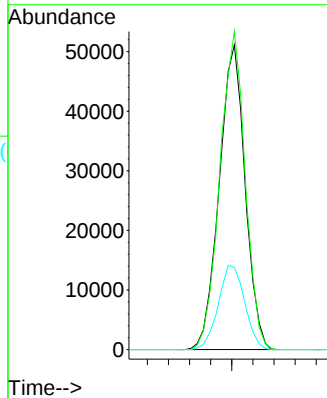
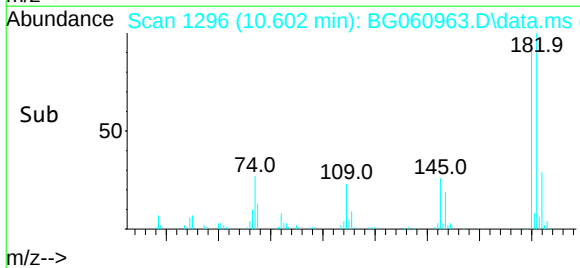
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

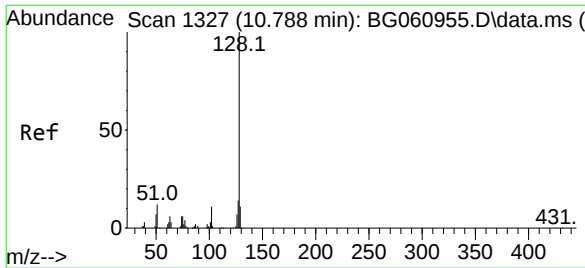


#30
1,2,4-Trichlorobenzene
Concen: 46.511 ng
RT: 10.602 min Scan# 1296
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36



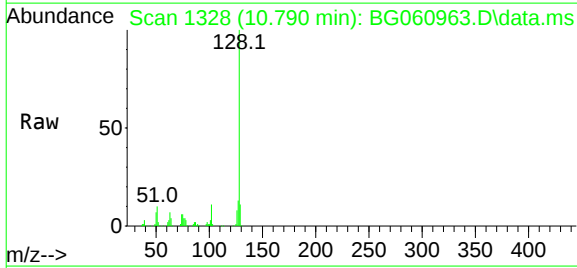
Tgt Ion:180 Resp: 87032
Ion Ratio Lower Upper
180 100
182 104.5 81.0 121.4
145 27.0 24.1 36.1





#31
Naphthalene
Concen: 40.497 ng
RT: 10.790 min Scan# 1327
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

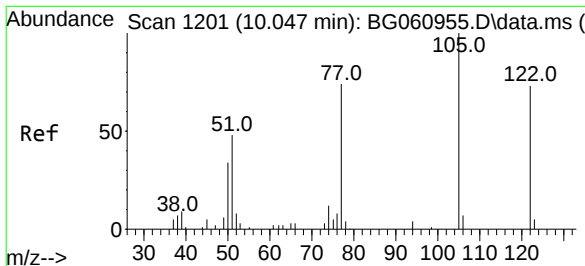
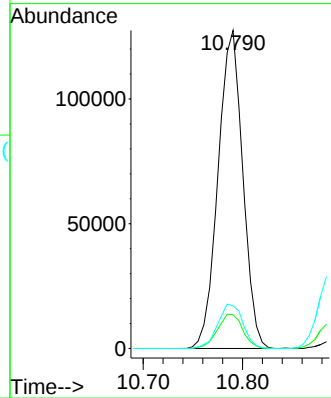
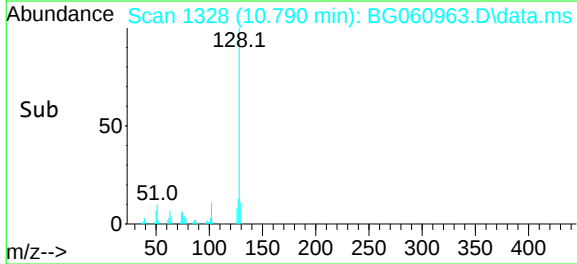
Instrument :
BNA_G
ClientSampleId :
YARD-2MSD



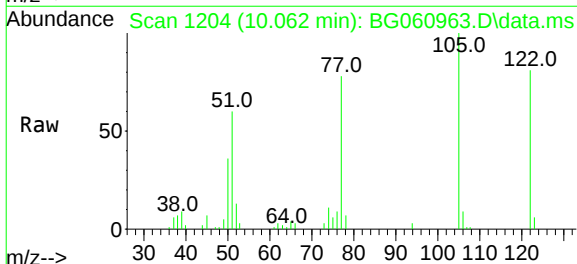
Tgt Ion:128 Resp: 220222
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 13.4 11.3 16.9

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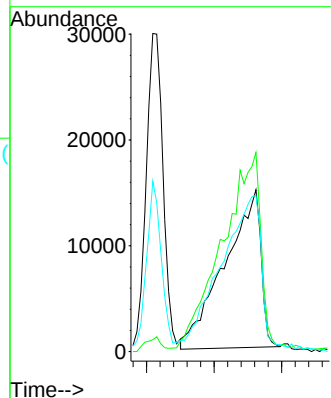
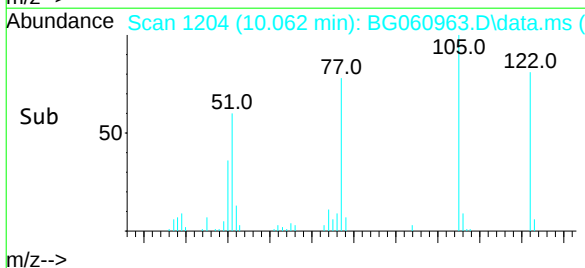
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

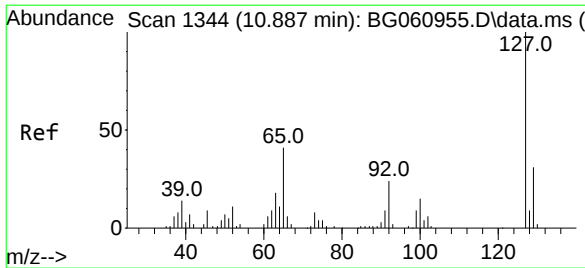


#32
Benzoic acid
Concen: 42.475 ng
RT: 10.062 min Scan# 1204
Delta R.T. 0.017 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36



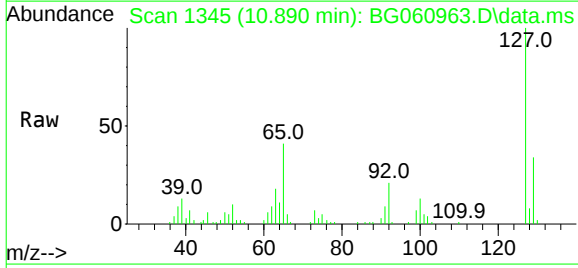
Tgt Ion:122 Resp: 55319
Ion Ratio Lower Upper
122 100
105 123.0 109.8 149.8
77 96.5 84.1 124.1





#33
4-Chloroaniline
Concen: 22.876 ng
RT: 10.890 min Scan# 1344
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

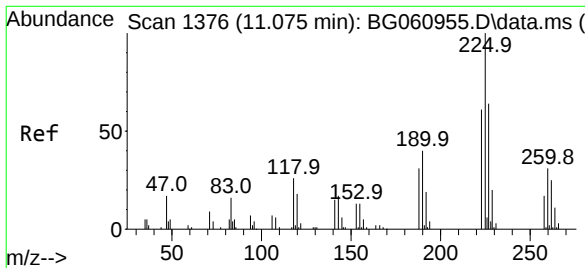
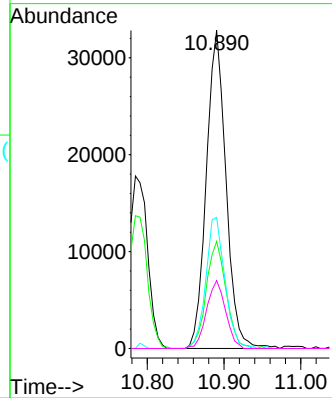
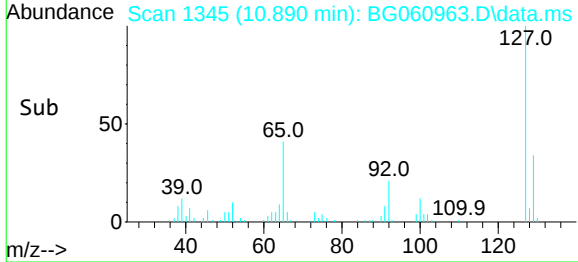
Instrument :
BNA_G
ClientSampleId :
YARD-2MSD



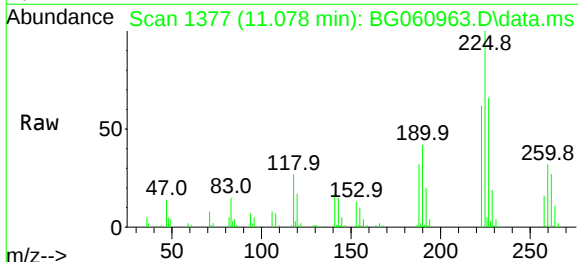
Tgt Ion:127 Resp: 58301
Ion Ratio Lower Upper
127 100
129 33.7 26.8 40.2
65 41.2 32.3 48.5
92 21.3 16.6 24.8

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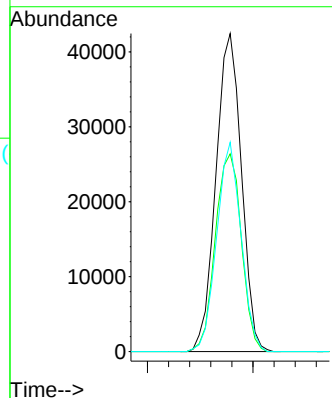
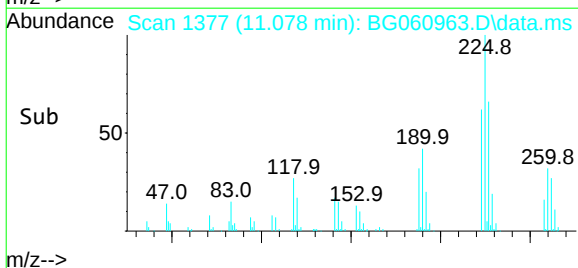
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

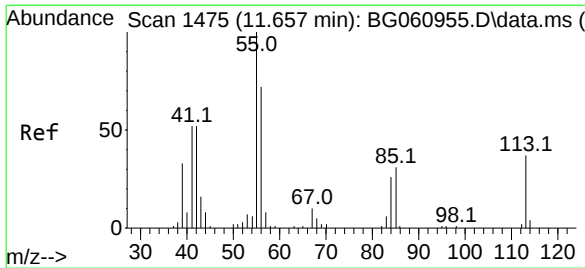


#34
Hexachlorobutadiene
Concen: 53.681 ng
RT: 11.078 min Scan# 1377
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36



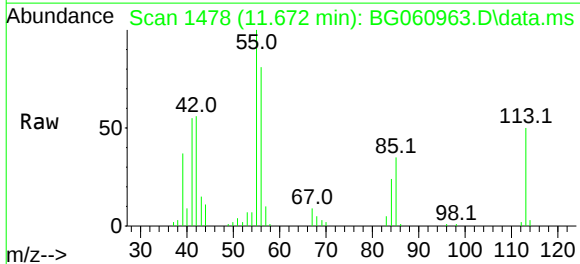
Tgt Ion:225 Resp: 71409
Ion Ratio Lower Upper
225 100
223 62.2 50.2 75.2
227 65.8 51.7 77.5





#35
Caprolactam
Concen: 37.924 ng m
RT: 11.672 min Scan# 1475
Delta R.T. 0.011 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

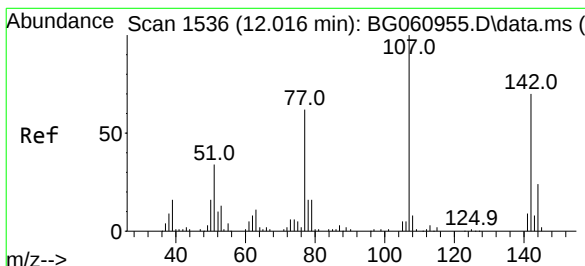
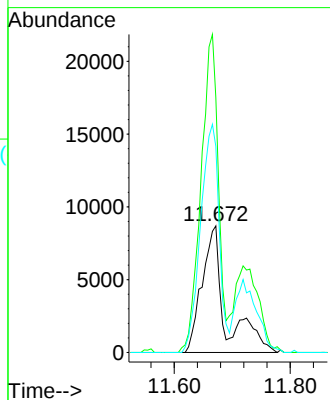
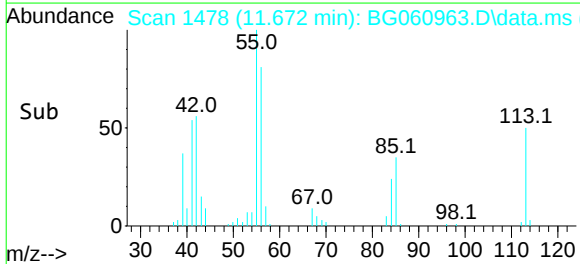
Instrument :
BNA_G
ClientSampleId :
YARD-2MSD



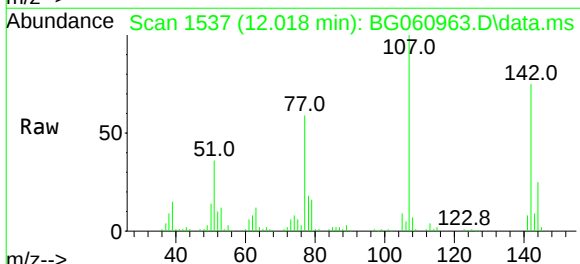
Tgt Ion:113 Resp: 24426
Ion Ratio Lower Upper
113 100
55 201.3 262.6 302.6#
56 162.8 177.0 217.0#

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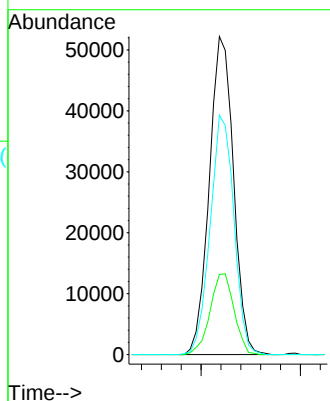
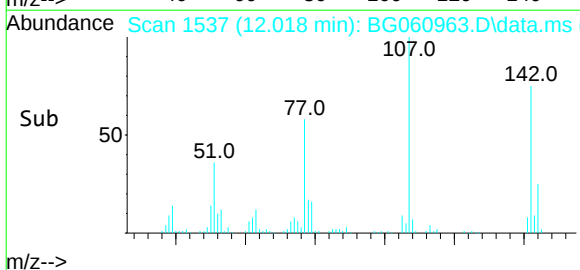
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

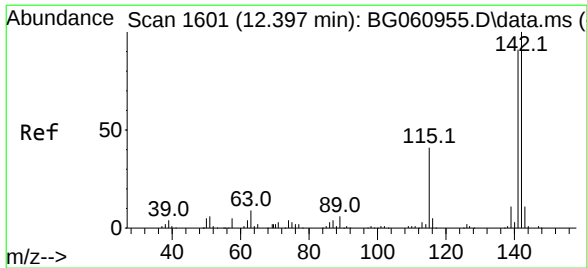


#36
4-Chloro-3-methylphenol
Concen: 41.922 ng
RT: 12.018 min Scan# 1537
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36



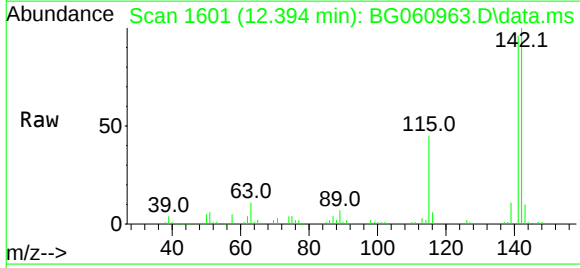
Tgt Ion:107 Resp: 88450
Ion Ratio Lower Upper
107 100
144 25.1 19.7 29.5
142 75.2 58.2 87.2





#37
2-Methylnaphthalene
Concen: 39.711 ng
RT: 12.394 min Scan# 1601
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

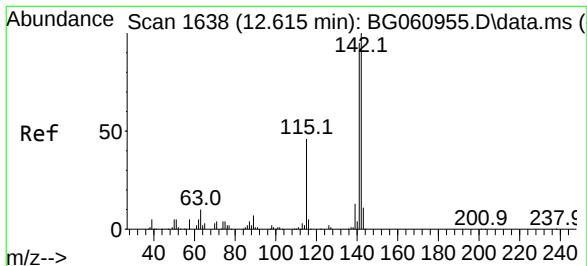
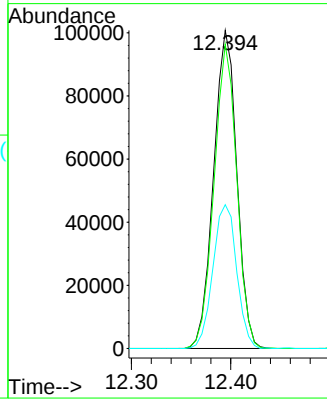
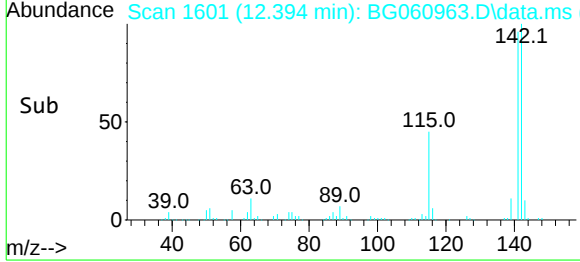
Instrument :
BNA_G
ClientSampleId :
YARD-2MSD



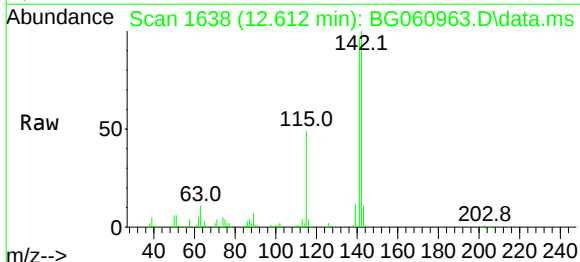
Tgt Ion:142 Resp: 163367
Ion Ratio Lower Upper
142 100
141 95.6 71.7 107.5
115 45.2 30.6 45.8

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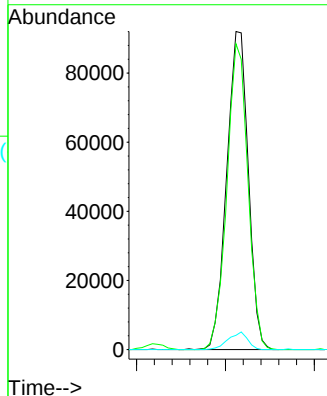
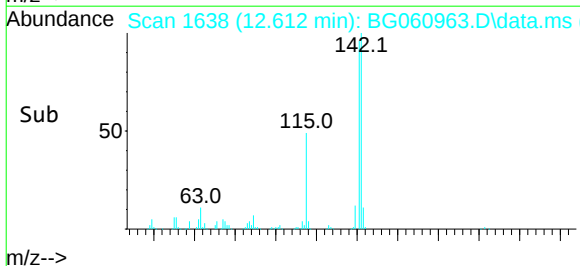
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

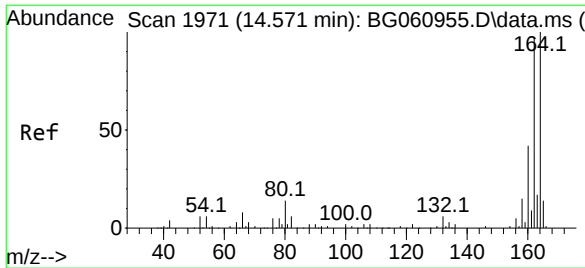


#38
1-Methylnaphthalene
Concen: 40.003 ng
RT: 12.612 min Scan# 1638
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36



Tgt Ion:142 Resp: 155362
Ion Ratio Lower Upper
142 100
141 96.1 75.1 112.7
116 4.5 3.3 4.9





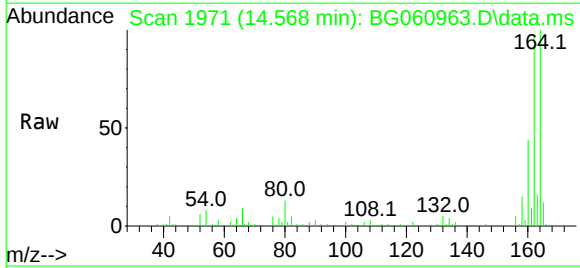
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1971
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

Instrument :

BNA_G

ClientSampleId :

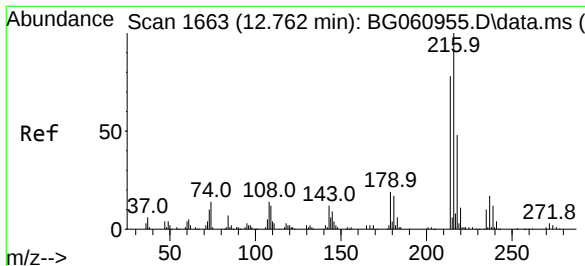
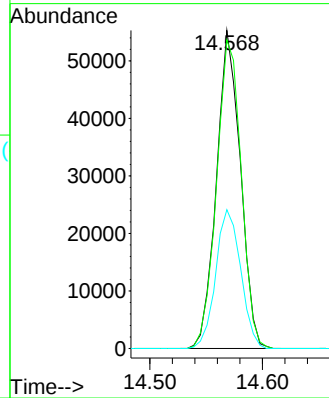
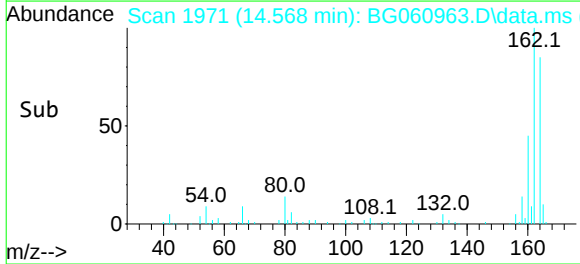
YARD-2MSD



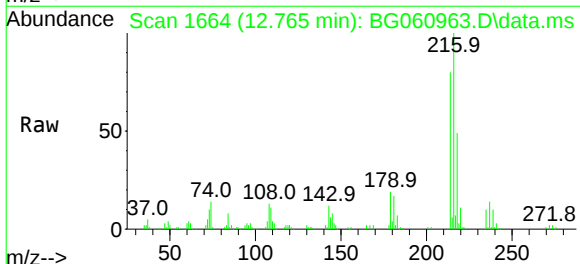
Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.0	84.1	126.1
160	43.6	35.9	53.9

Manual Integrations
APPROVED

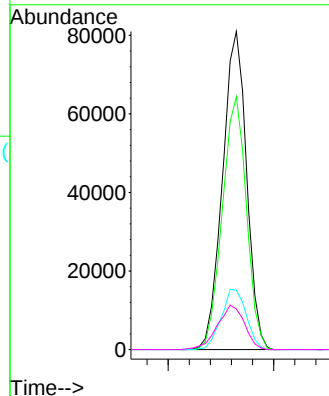
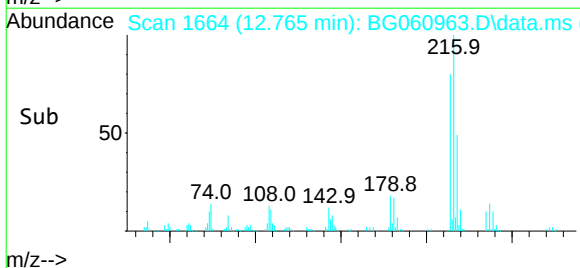
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

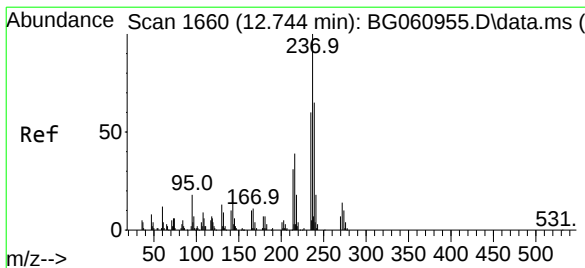


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.065 ng
RT: 12.765 min Scan# 1664
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36



Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	62.8	94.2
179	19.7	15.2	22.8
108	15.7	12.1	18.1





#41

Hexachlorocyclopentadiene

Concen: 88.098 ng

RT: 12.747 min Scan# 16

Delta R.T. -0.001 min

Lab File: BG060963.D

Acq: 19 Apr 2024 17:36

Instrument :

BNA_G

ClientSampleId :

YARD-2MSD

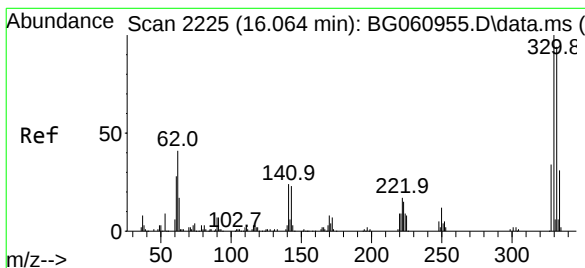
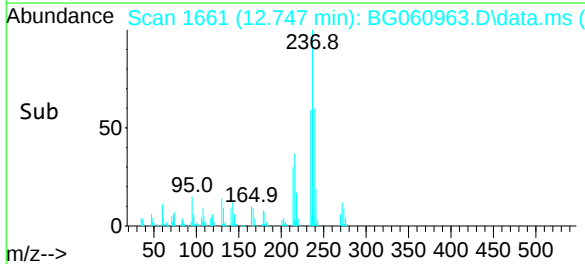
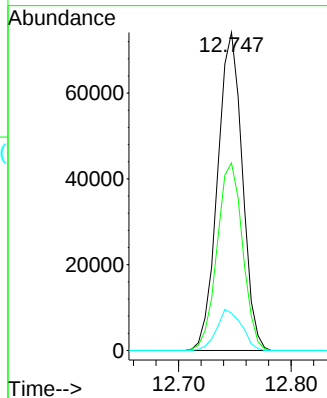
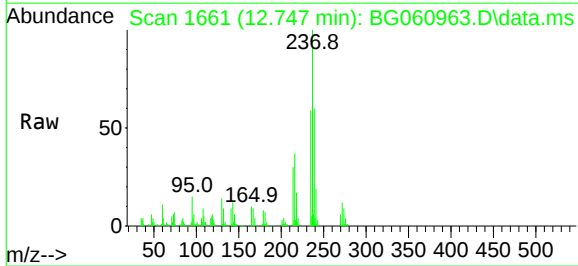
Tgt Ion:	237	Resp:	113278
Ion Ratio	Lower	Upper	
237	100		
235	59.0	41.8	81.8
272	11.7	0.0	32.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#42

2,4,6-Tribromophenol

Concen: 145.260 ng

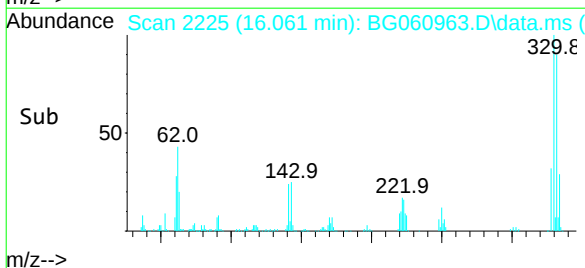
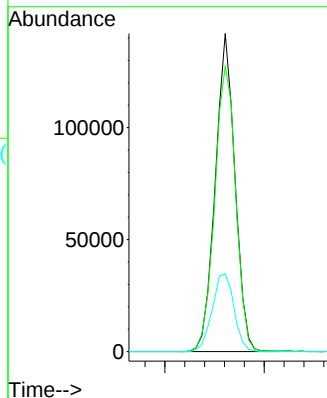
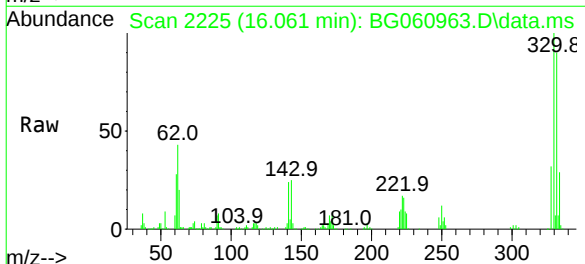
RT: 16.061 min Scan# 2225

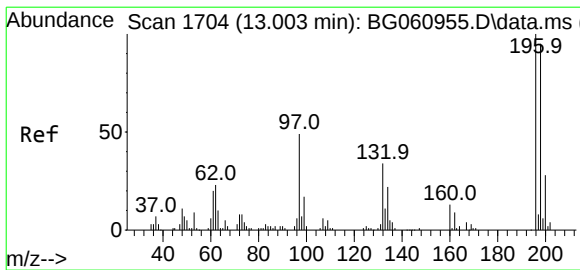
Delta R.T. -0.001 min

Lab File: BG060963.D

Acq: 19 Apr 2024 17:36

Tgt Ion:	330	Resp:	195557
Ion Ratio	Lower	Upper	
330	100		
332	95.9	76.9	115.3
141	27.0	23.7	35.5





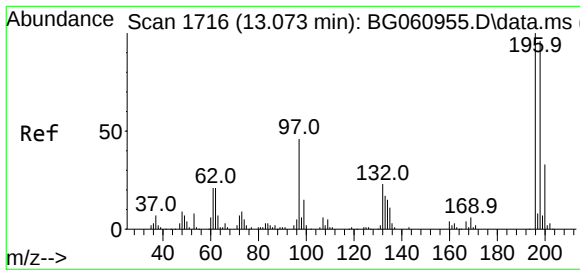
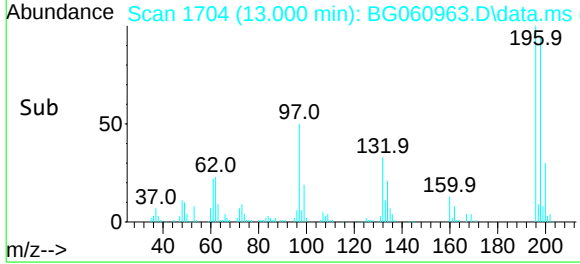
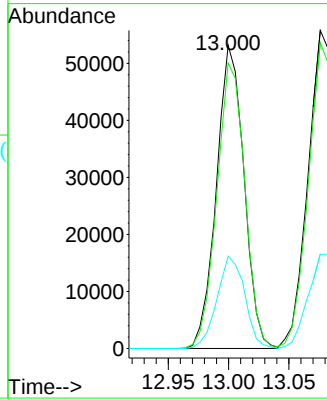
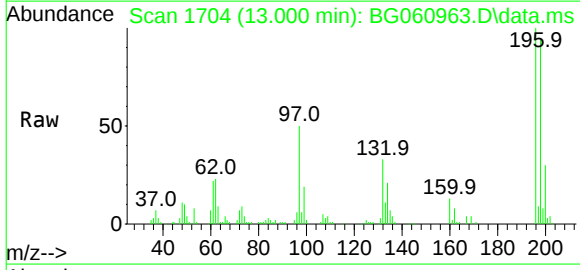
#43
2,4,6-Trichlorophenol
Concen: 48.345 ng
RT: 13.000 min Scan# 1716
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

Instrument :
BNA_G
ClientSampleId :
YARD-2MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	77.9	116.9
200	30.4	24.3	36.5

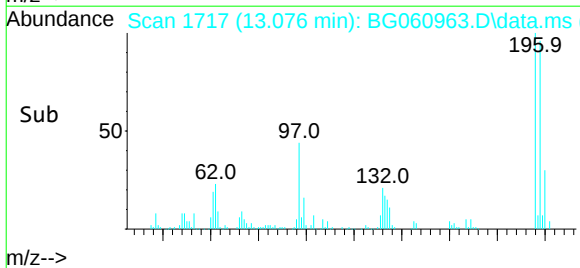
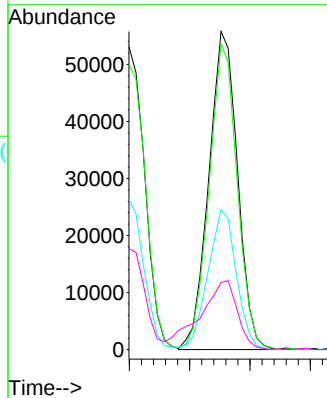
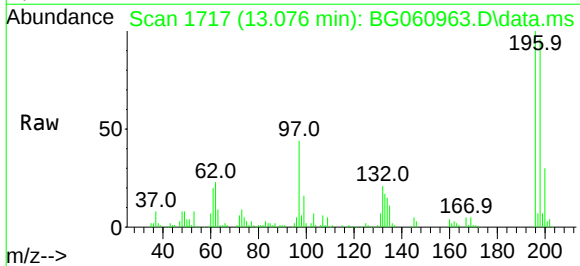
Manual Integrations
APPROVED

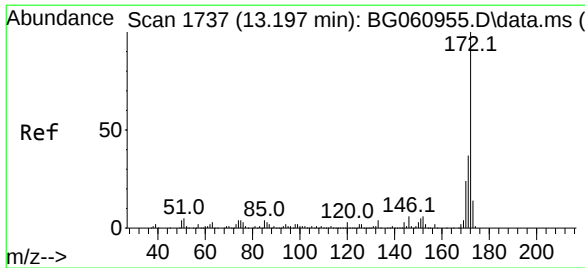
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#44
2,4,5-Trichlorophenol
Concen: 43.839 ng
RT: 13.076 min Scan# 1717
Delta R.T. 0.005 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

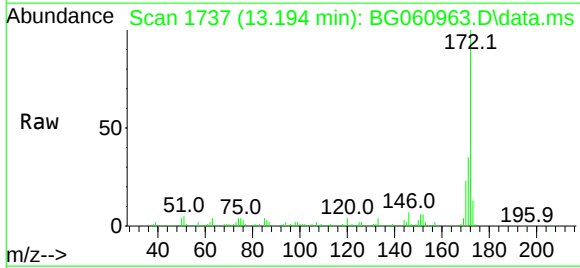
Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	78.2	117.4
97	44.0	35.9	53.9
132	21.1	17.8	26.6





#45
2-Fluorobiphenyl
Concen: 78.044 ng
RT: 13.194 min Scan# 1737
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

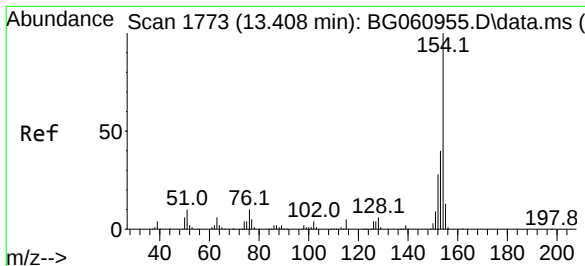
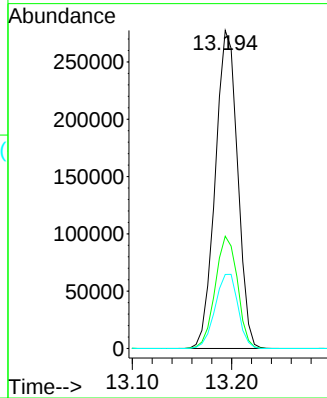
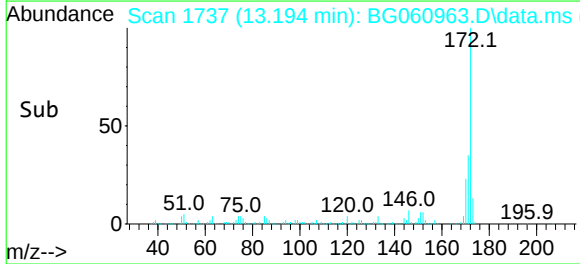
Instrument :
BNA_G
ClientSampleId :
YARD-2MSD



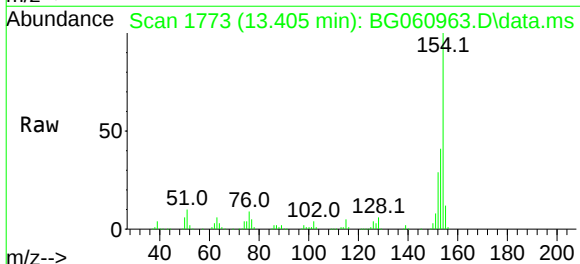
Tgt Ion:	172	Resp:	433392
Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.3	43.9
170	23.3	19.5	29.3

Manual Integrations
APPROVED

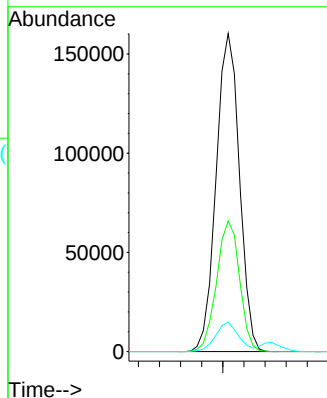
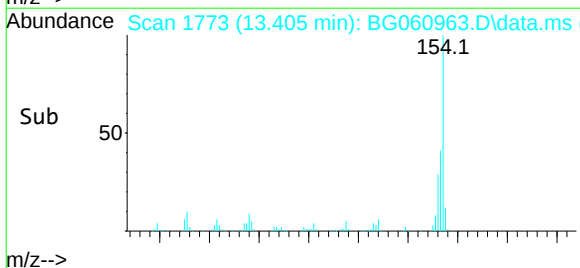
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

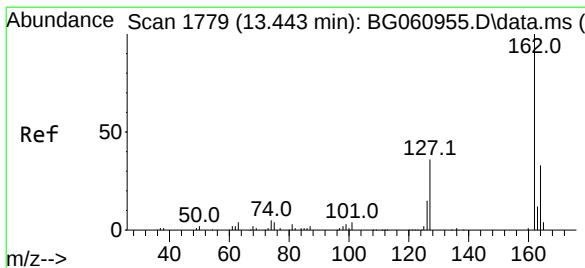


#46
1,1'-Biphenyl
Concen: 44.288 ng
RT: 13.405 min Scan# 1773
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36



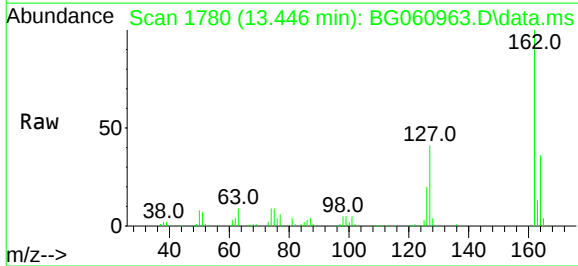
Tgt Ion:	154	Resp:	245395
Ion	Ratio	Lower	Upper
154	100		
153	41.1	19.9	59.9
76	9.3	0.0	32.7





#47
2-Chloronaphthalene
Concen: 45.023 ng
RT: 13.446 min Scan# 1779
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

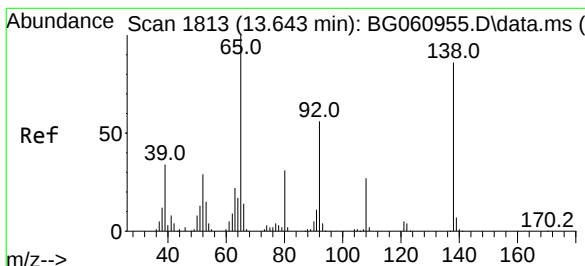
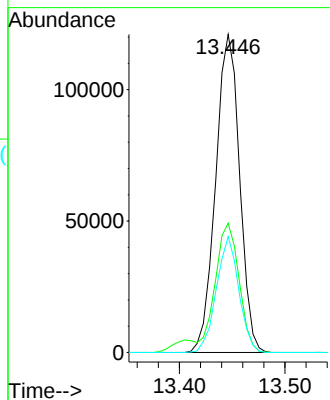
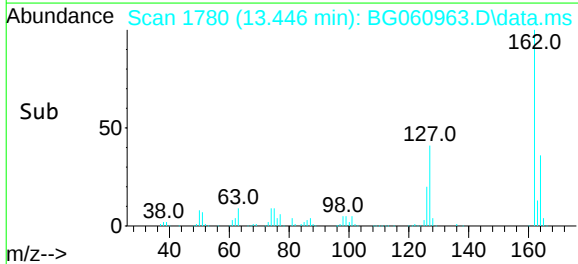
Instrument :
BNA_G
ClientSampleId :
YARD-2MSD



Tgt Ion:162 Resp: 190934
Ion Ratio Lower Upper
162 100
127 40.7 31.0 46.6
164 36.5 27.2 40.8

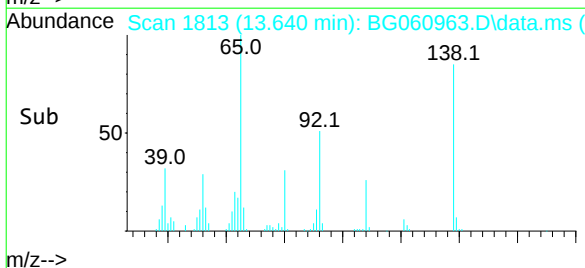
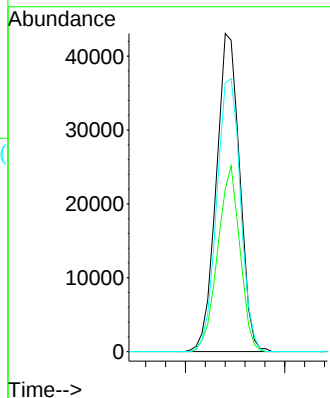
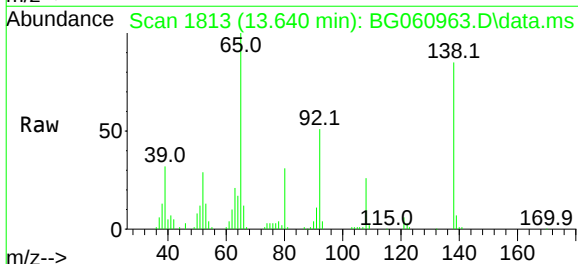
Manual Integrations
APPROVED

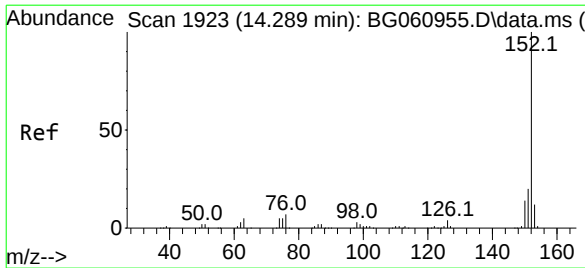
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#48
2-Nitroaniline
Concen: 40.546 ng
RT: 13.640 min Scan# 1813
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

Tgt Ion: 65 Resp: 70561
Ion Ratio Lower Upper
65 100
92 51.1 46.5 69.7
138 84.5 71.8 107.8





#49

Acenaphthylene

Concen: 44.865 ng

RT: 14.292 min Scan# 19

Delta R.T. -0.001 min

Lab File: BG060963.D

Acq: 19 Apr 2024 17:36

Instrument :

BNA_G

ClientSampleId :

YARD-2MSD

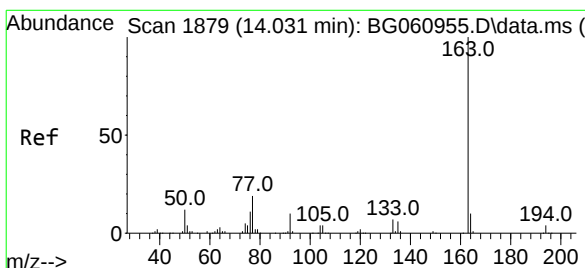
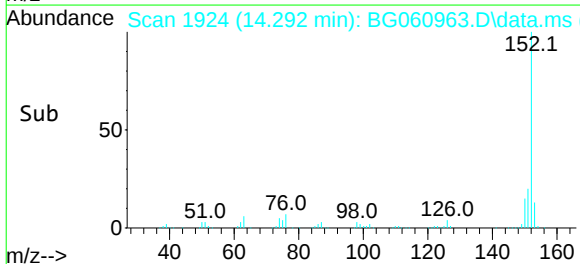
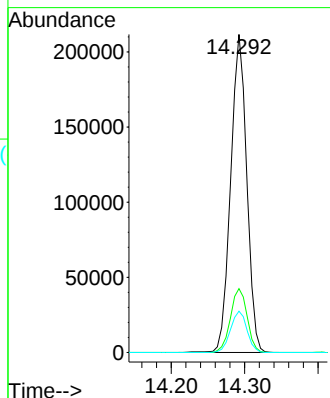
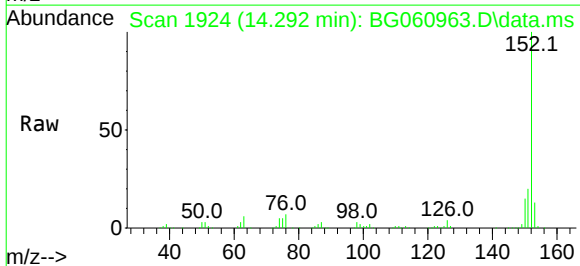
Tgt Ion:	152	Resp:	321731
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.3	24.5
153	13.0	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#50

Dimethylphthalate

Concen: 41.227 ng

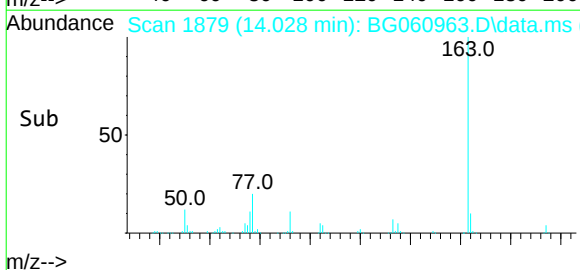
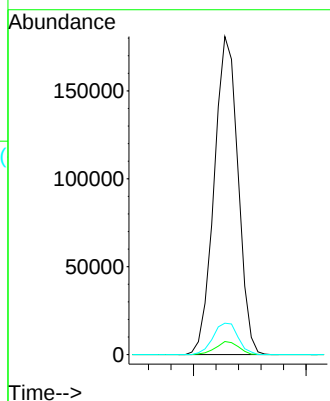
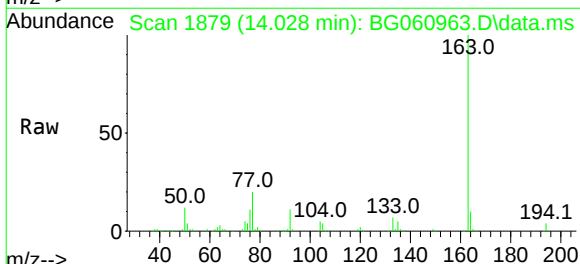
RT: 14.028 min Scan# 1879

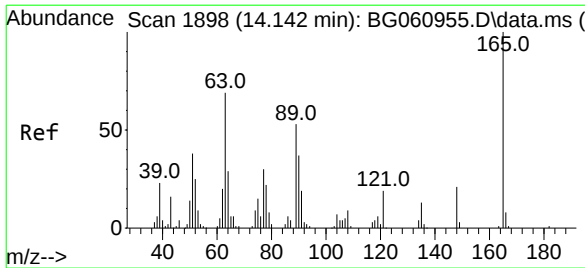
Delta R.T. -0.001 min

Lab File: BG060963.D

Acq: 19 Apr 2024 17:36

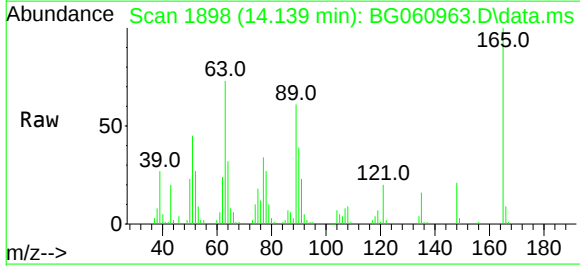
Tgt Ion:	163	Resp:	266601
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.2	4.8
164	9.9	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 42.172 ng
RT: 14.139 min Scan# 1898
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

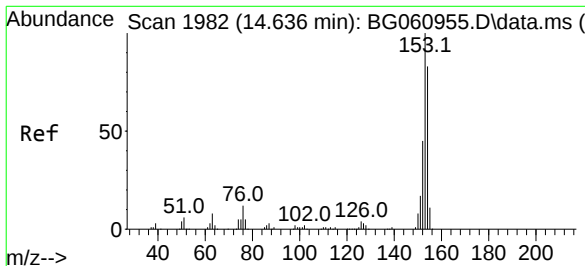
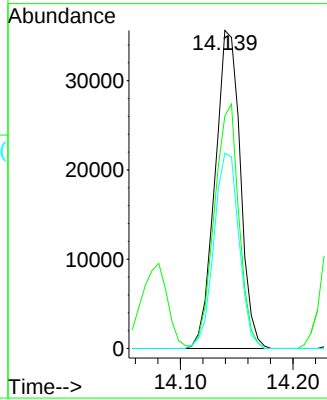
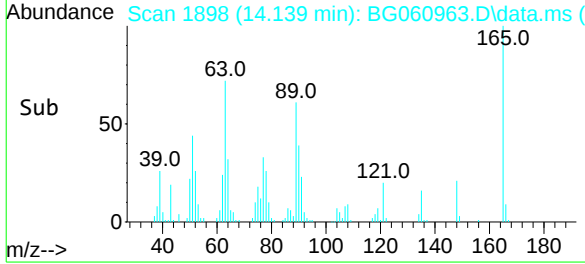
Instrument :
BNA_G
ClientSampleId :
YARD-2MSD



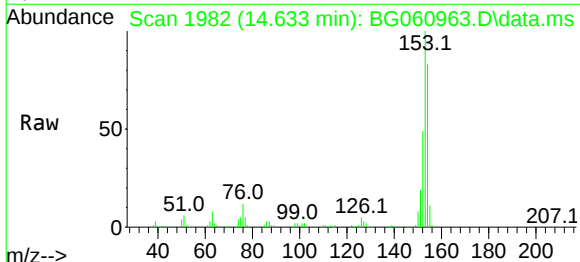
Tgt Ion	Ratio	Lower	Upper
165	100		
63	73.2	53.8	80.8
89	61.4	48.2	72.4

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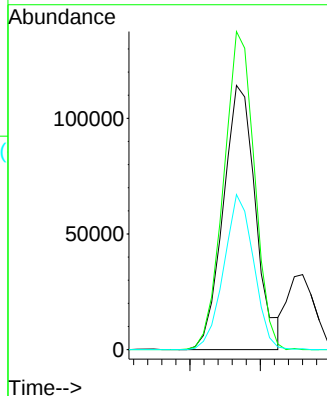
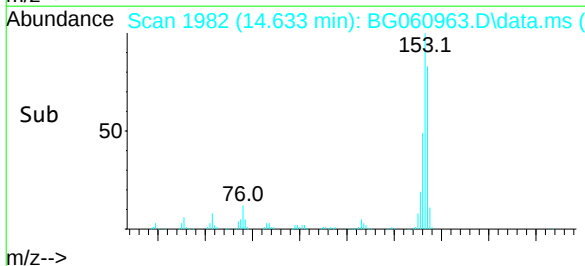
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

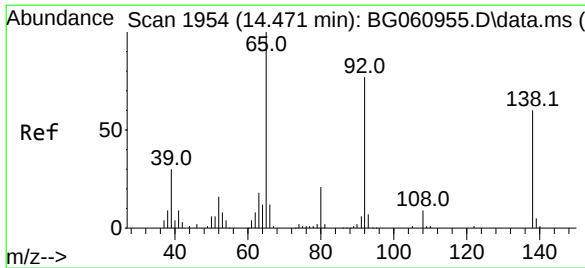


#52
Acenaphthene
Concen: 42.093 ng
RT: 14.633 min Scan# 1982
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36



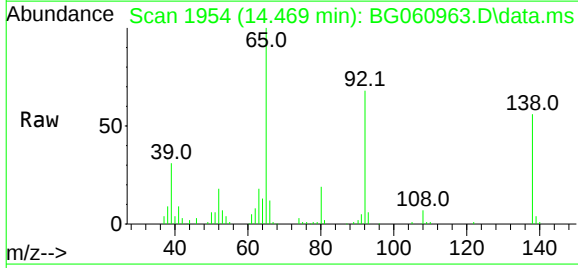
Tgt Ion	Ratio	Lower	Upper
154	100		
153	120.4	91.4	137.0
152	58.7	44.1	66.1





#53
3-Nitroaniline
Concen: 31.312 ng
RT: 14.469 min Scan# 1954
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

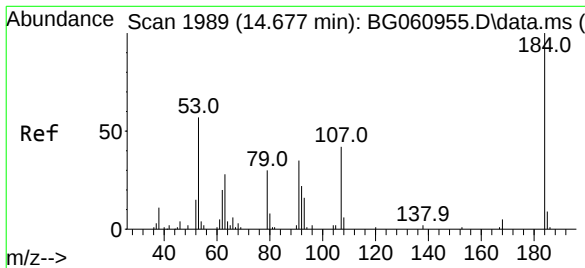
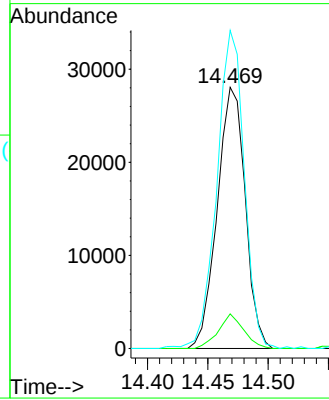
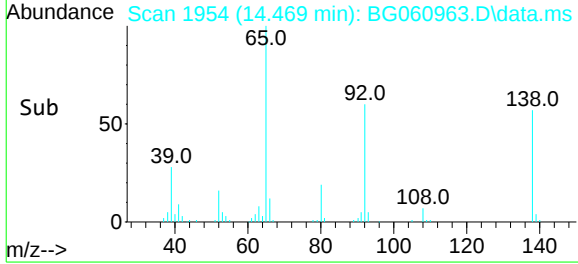
Instrument :
BNA_G
ClientSampleId :
YARD-2MSD



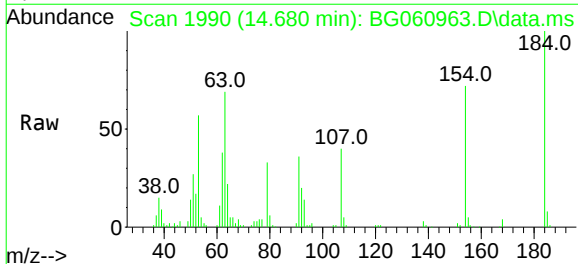
Tgt Ion:138 Resp: 45302
Ion Ratio Lower Upper
138 100
108 13.3 7.5 11.3#
92 121.8 92.5 138.7

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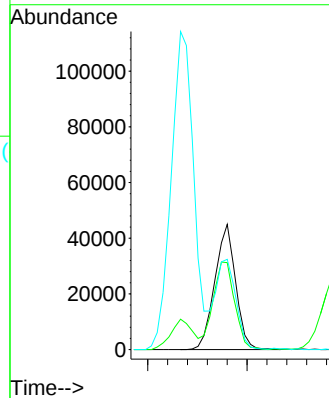
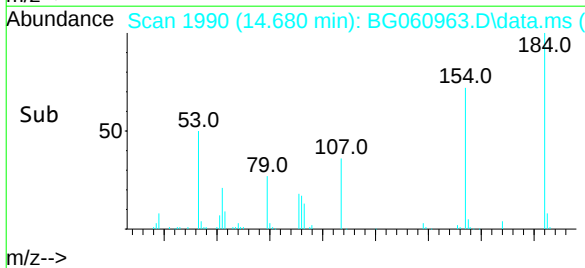
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

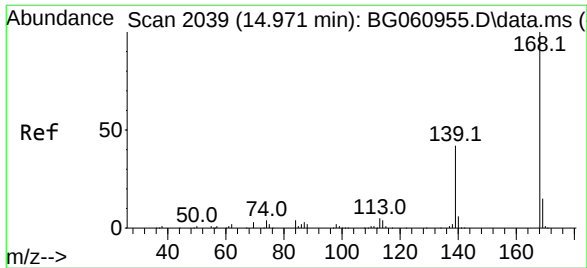


#54
2,4-Dinitrophenol
Concen: 77.784 ng
RT: 14.680 min Scan# 1990
Delta R.T. 0.005 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36



Tgt Ion:184 Resp: 65358
Ion Ratio Lower Upper
184 100
63 69.4 52.0 78.0
154 72.1 50.7 76.1





#55

Dibenzenofuran

Concen: 42.626 ng

RT: 14.968 min Scan# 20

Delta R.T. -0.001 min

Lab File: BG060963.D

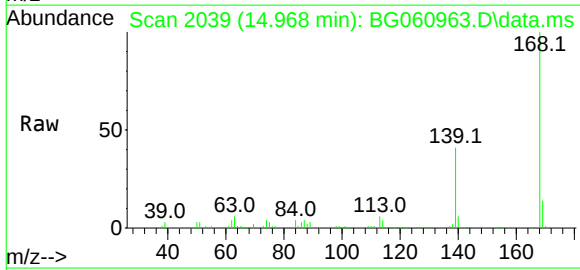
Acq: 19 Apr 2024 17:36

Instrument :

BNA_G

ClientSampleId :

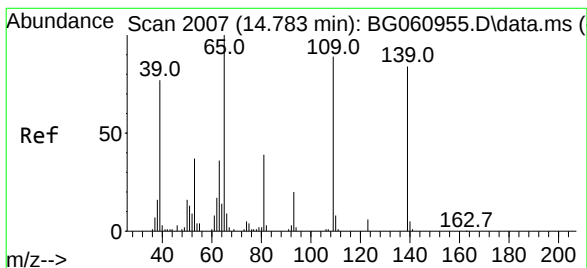
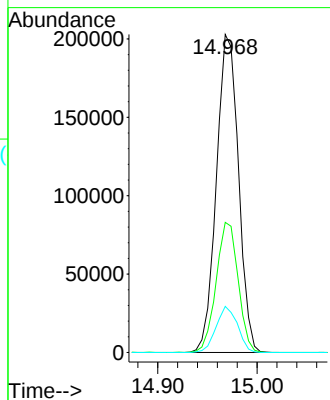
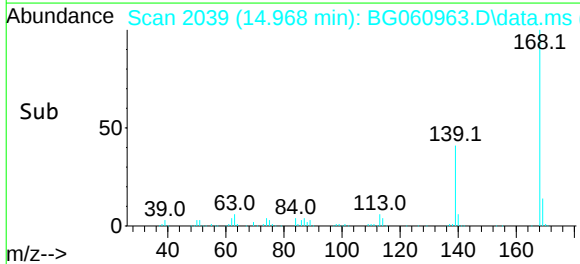
YARD-2MSD



Tgt Ion:	168	Resp:	313167
Ion	Ratio	Lower	Upper
168	100		
139	40.9	29.9	44.9
169	14.5	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: 81.437 ng

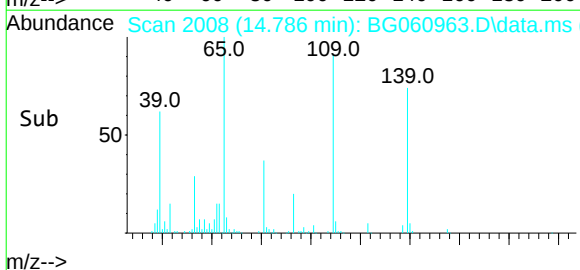
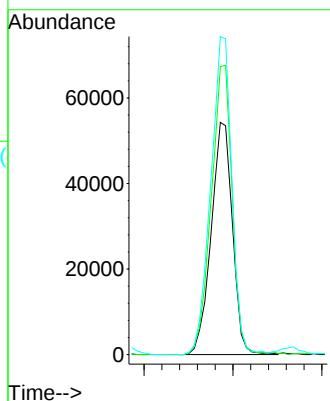
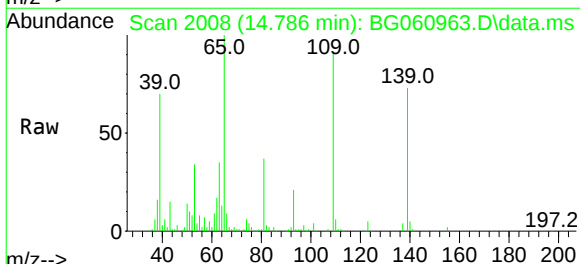
RT: 14.786 min Scan# 2008

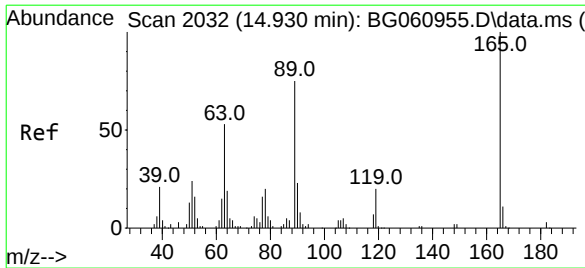
Delta R.T. 0.005 min

Lab File: BG060963.D

Acq: 19 Apr 2024 17:36

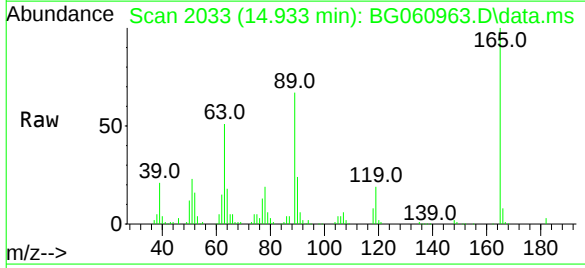
Tgt Ion:	139	Resp:	90210
Ion	Ratio	Lower	Upper
139	100		
109	124.0	69.7	109.7#
65	137.0	103.7	143.7





#57
2,4-Dinitrotoluene
Concen: 44.607 ng
RT: 14.933 min Scan# 2032
Delta R.T. 0.005 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

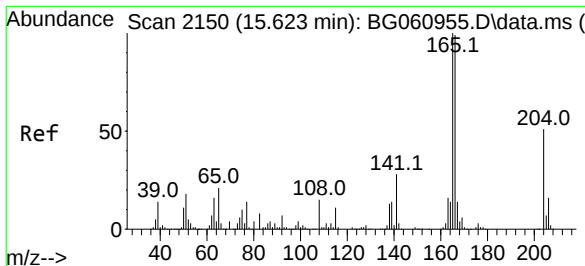
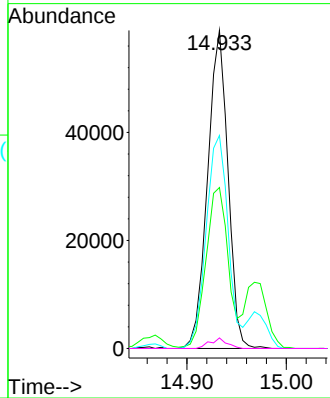
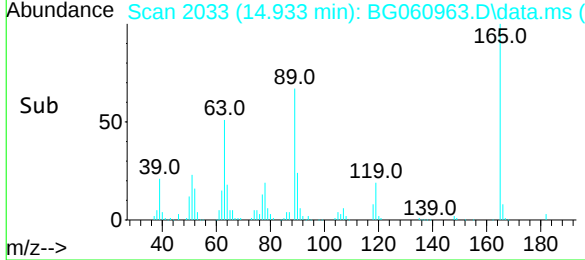
Instrument :
BNA_G
ClientSampleId :
YARD-2MSD



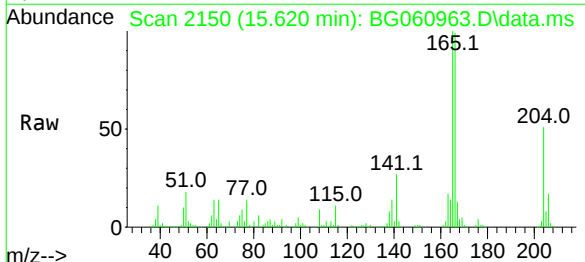
Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.6	40.2	60.2
89	67.0	59.0	88.4
182	3.3	2.1	3.1#

Manual Integrations
APPROVED

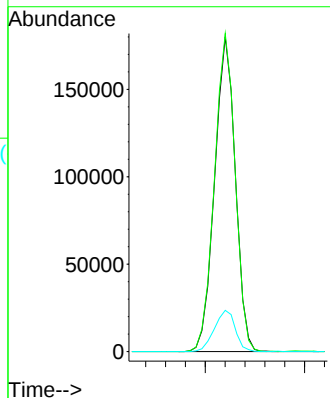
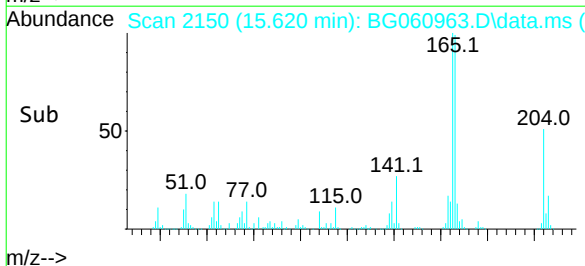
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

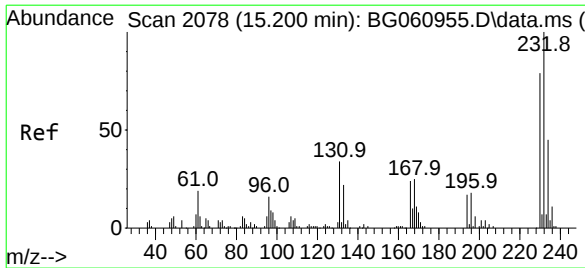


#58
Fluorene
Concen: 42.763 ng
RT: 15.620 min Scan# 2150
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36



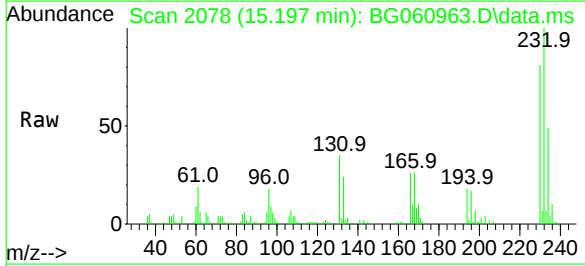
Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.1	80.2	120.4
167	13.1	10.4	15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.985 ng
RT: 15.197 min Scan# 2078
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

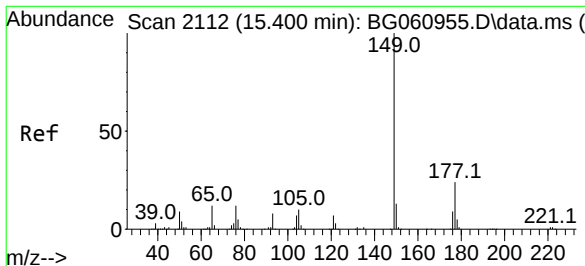
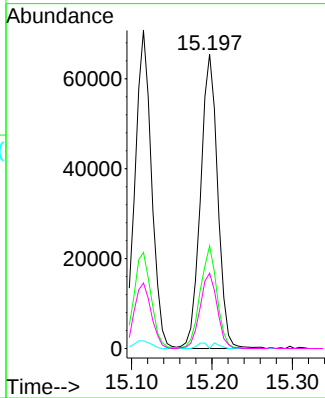
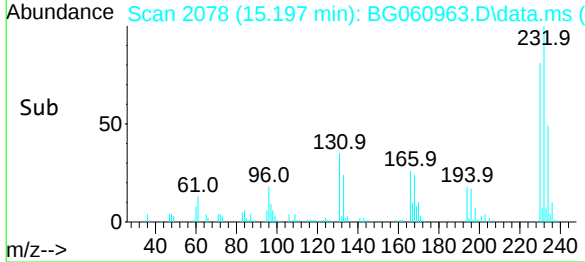
Instrument :
BNA_G
ClientSampleId :
YARD-2MSD



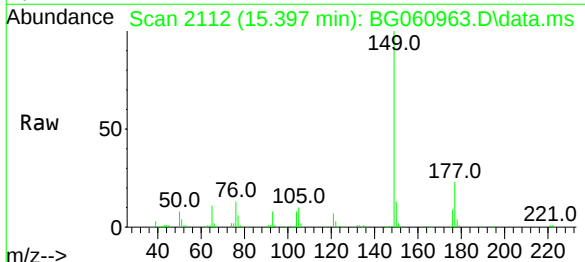
Tgt Ion:232 Resp: 96835
Ion Ratio Lower Upper
232 100
131 34.0 29.8 44.8
130 1.0 1.8 2.8#
166 25.5 21.6 32.4

Manual Integrations
APPROVED

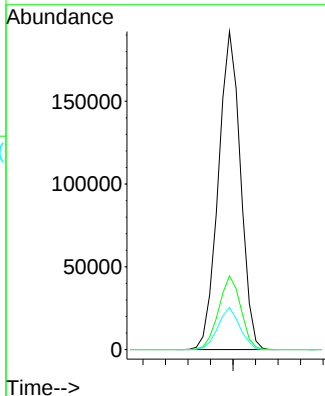
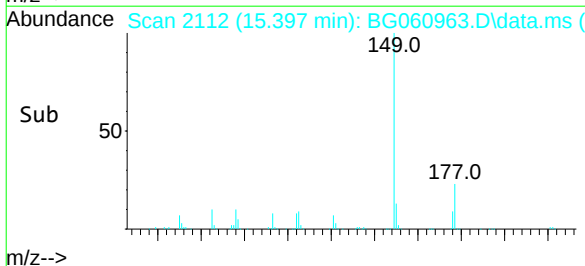
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

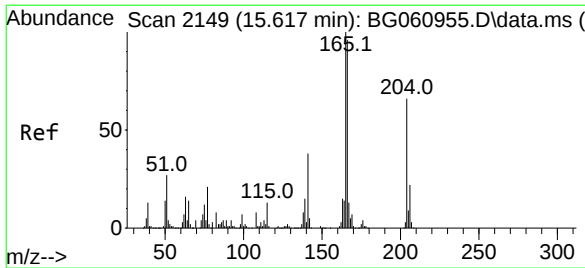


#60
Diethylphthalate
Concen: 40.524 ng
RT: 15.397 min Scan# 2112
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36



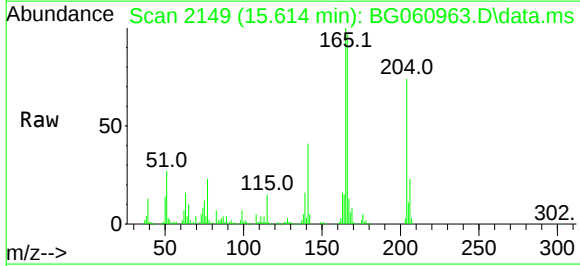
Tgt Ion:149 Resp: 262479
Ion Ratio Lower Upper
149 100
177 23.2 19.0 28.4
150 13.2 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 45.236 ng
RT: 15.614 min Scan# 2149
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

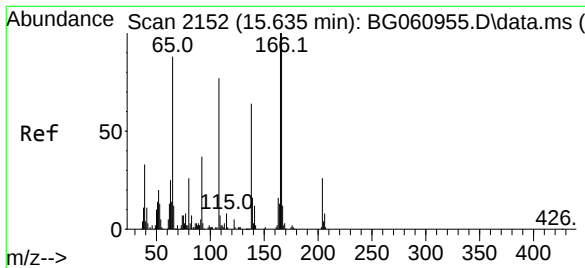
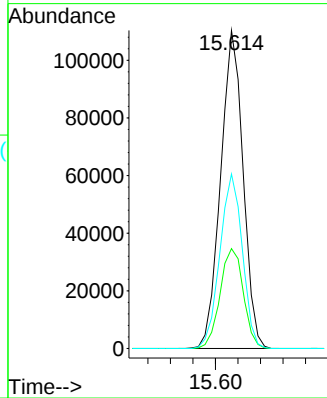
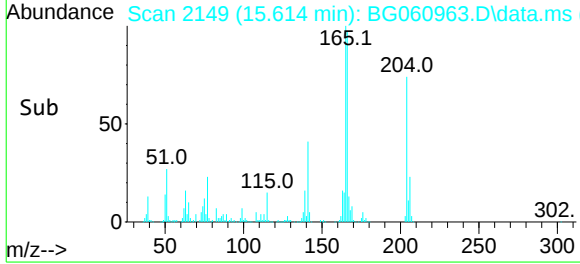
Instrument :
BNA_G
ClientSampleId :
YARD-2MSD



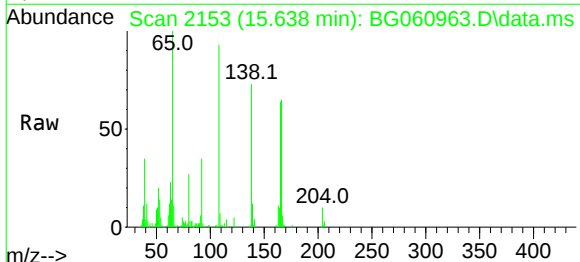
Tgt Ion:204 Resp: 152808
Ion Ratio Lower Upper
204 100
206 31.4 25.4 38.0
141 54.8 42.0 63.0

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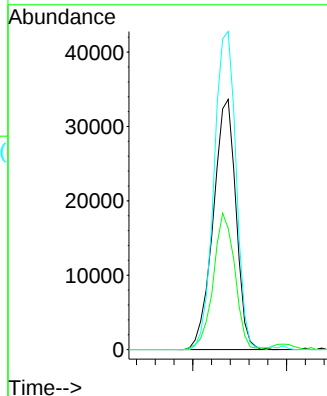
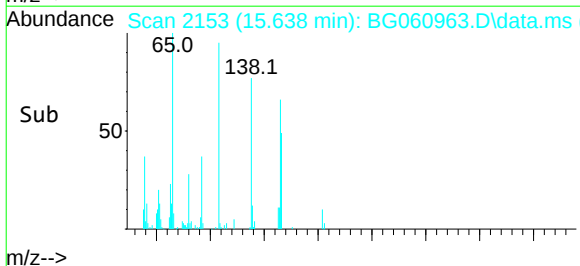
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

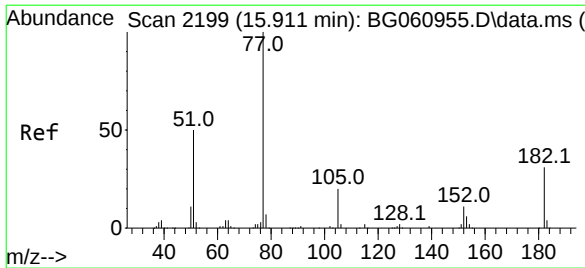


#62
4-Nitroaniline
Concen: 36.433 ng
RT: 15.638 min Scan# 2153
Delta R.T. 0.005 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36



Tgt Ion:138 Resp: 56677
Ion Ratio Lower Upper
138 100
92 48.5 34.8 74.8
108 127.1 73.9 113.9#





#63

Azobenzene

Concen: 37.390 ng

RT: 15.908 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG060963.D

Acq: 19 Apr 2024 17:36

Instrument :

BNA_G

ClientSampleId :

YARD-2MSD

Tgt Ion: 77 Resp: 228249

Ion Ratio Lower Upper

77 100

182 31.9 6.8 46.8

105 19.6 1.7 41.7

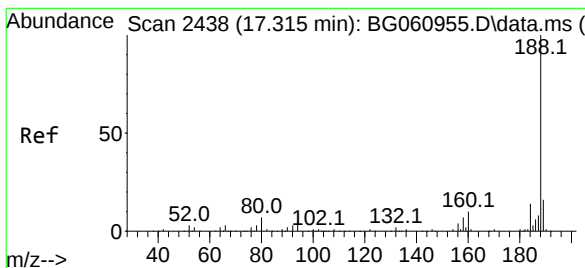
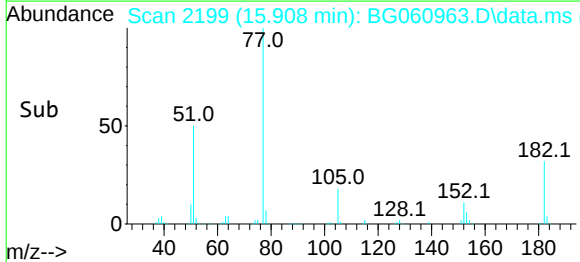
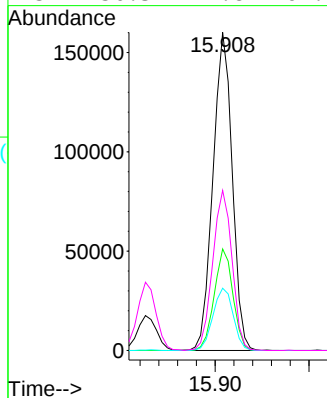
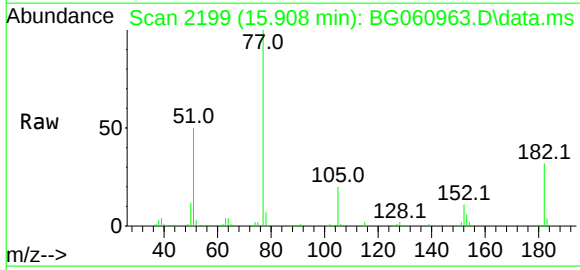
51 50.3 21.8 61.8

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: BG060963.D

Acq: 19 Apr 2024 17:36

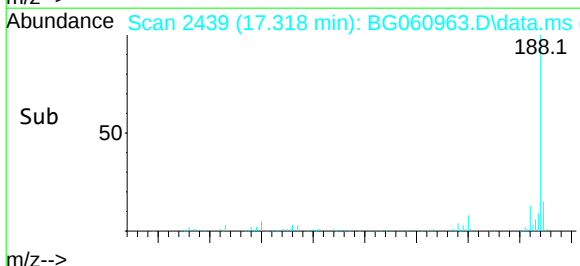
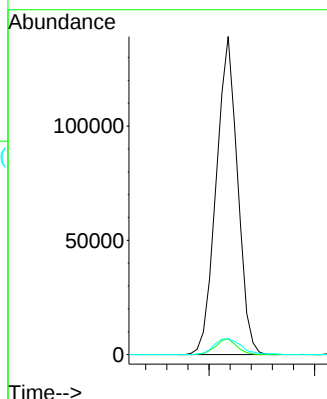
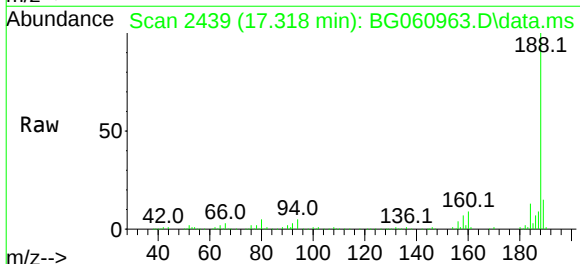
Tgt Ion:188 Resp: 195994

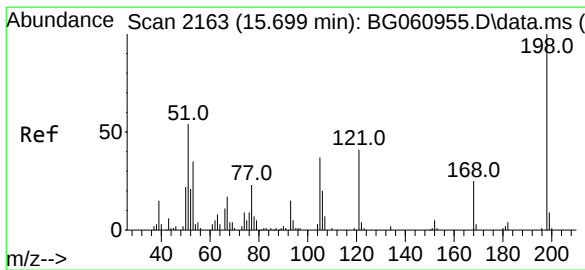
Ion Ratio Lower Upper

188 100

94 5.0 5.7 8.5#

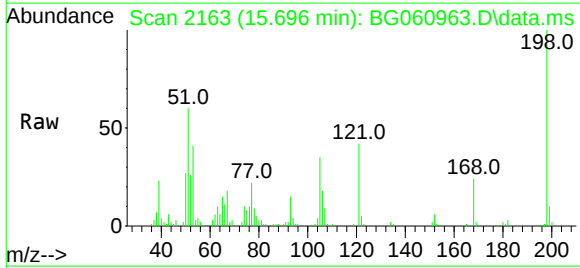
80 5.0 6.6 9.8#





#65
4,6-Dinitro-2-methylphenol
Concen: 45.517 ng
RT: 15.696 min Scan# 2163
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

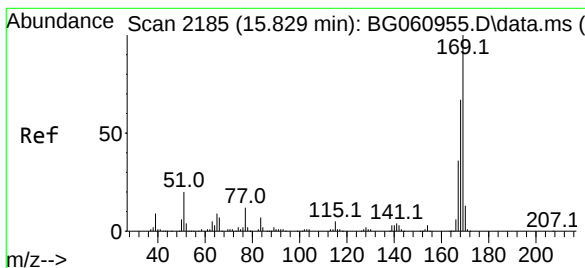
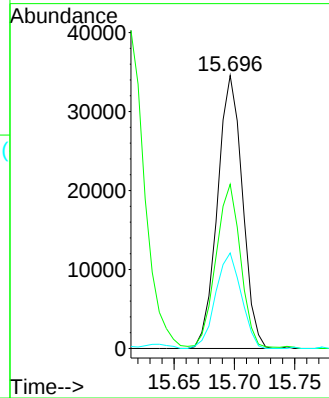
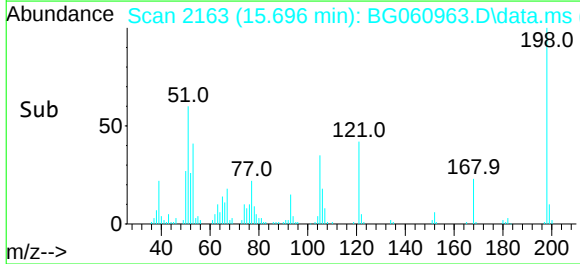
Instrument :
BNA_G
ClientSampleId :
YARD-2MSD



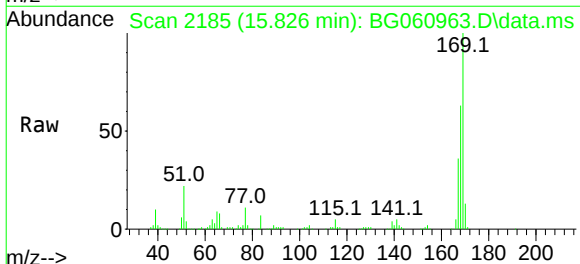
Tgt Ion:198 Resp: 49771
Ion Ratio Lower Upper
198 100
51 60.2 38.2 78.2
105 35.0 19.7 59.7

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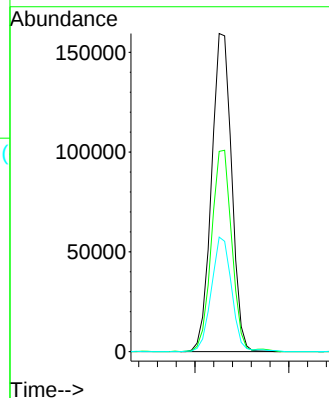
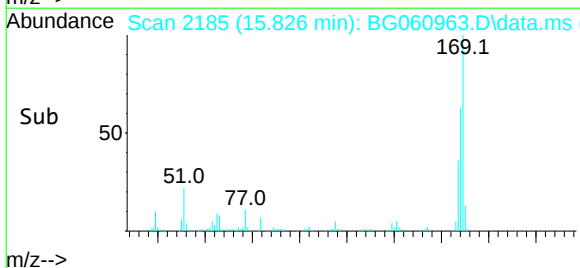
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

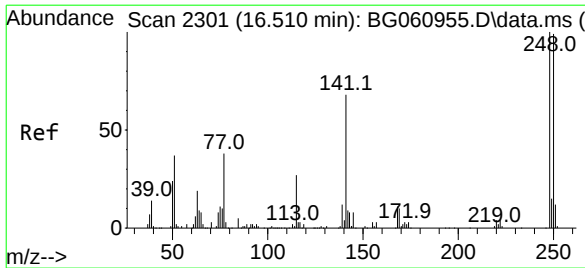


#66
n-Nitrosodiphenylamine
Concen: 44.090 ng
RT: 15.826 min Scan# 2185
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36



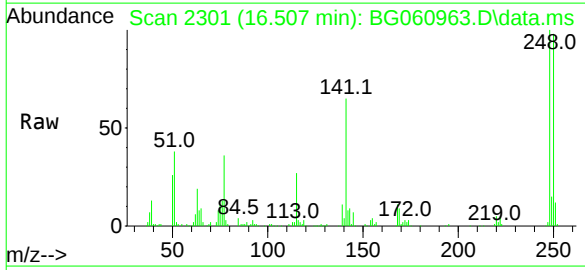
Tgt Ion:169 Resp: 237217
Ion Ratio Lower Upper
169 100
168 63.0 53.7 80.5
167 36.0 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 50.293 ng
RT: 16.507 min Scan# 2301
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

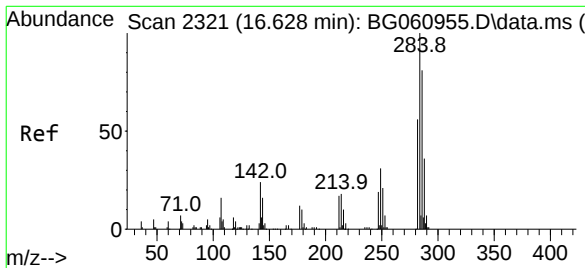
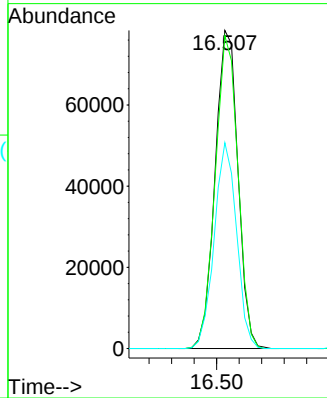
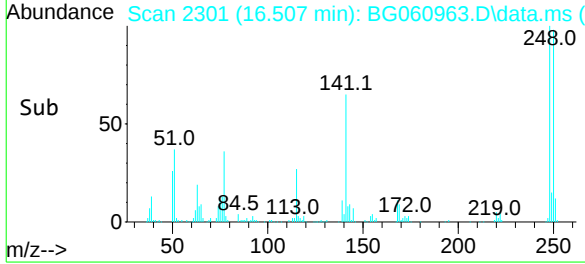
Instrument :
BNA_G
ClientSampleId :
YARD-2MSD



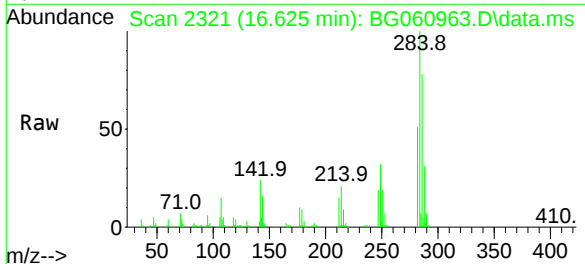
Tgt Ion:248 Resp: 110424
Ion Ratio Lower Upper
248 100
250 98.3 75.4 113.2
141 64.7 52.2 78.2

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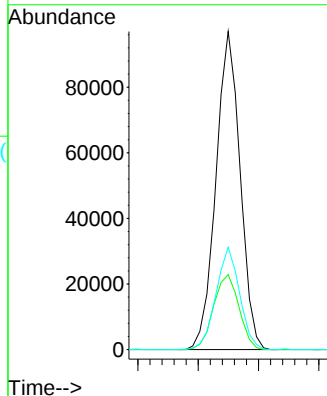
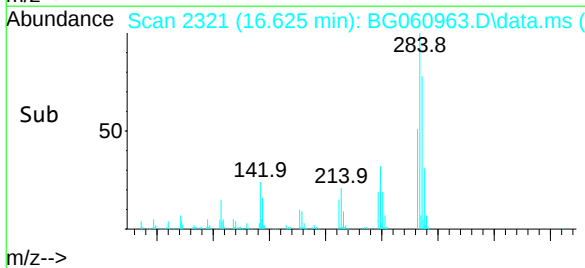
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

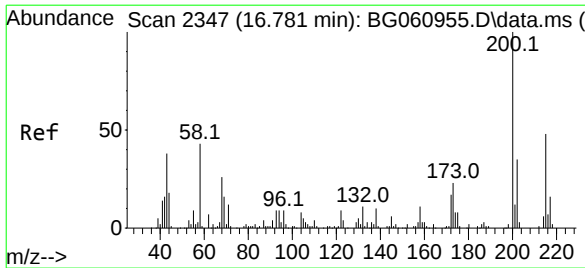


#68
Hexachlorobenzene
Concen: 56.591 ng
RT: 16.625 min Scan# 2321
Delta R.T. -0.000 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36



Tgt Ion:284 Resp: 135200
Ion Ratio Lower Upper
284 100
142 23.6 21.2 31.8
249 32.2 24.9 37.3





#69

Atrazine

Concen: 50.760 ng

RT: 16.783 min Scan# 2347

Delta R.T. 0.005 min

Lab File: BG060963.D

Acq: 19 Apr 2024 17:36

Instrument :

BNA_G

ClientSampleId :

YARD-2MSD

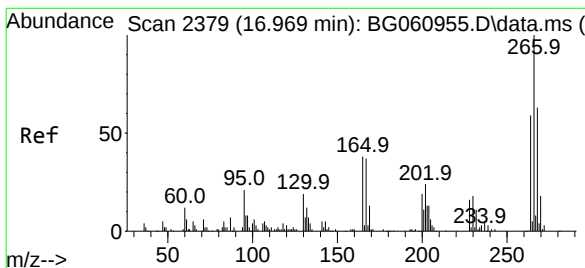
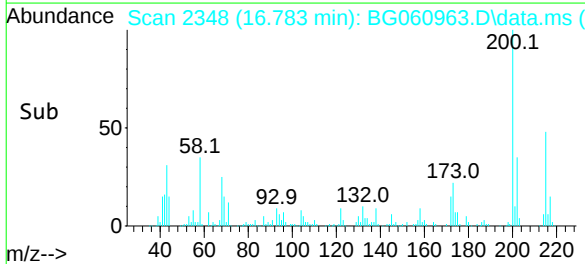
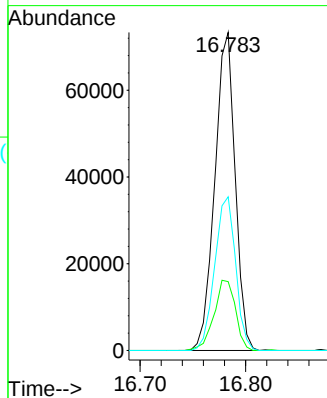
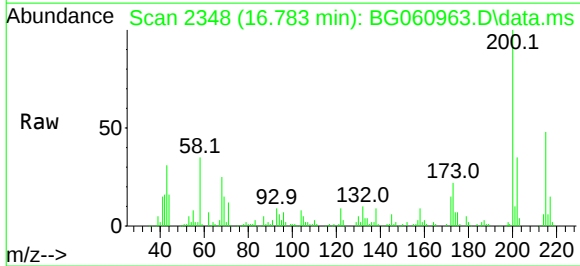
Tgt	Ion:200	Resp:	98152
Ion	Ratio	Lower	Upper
200	100		
173	21.6	6.5	46.5
215	48.3	30.4	70.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#70

Pentachlorophenol

Concen: 107.152 ng

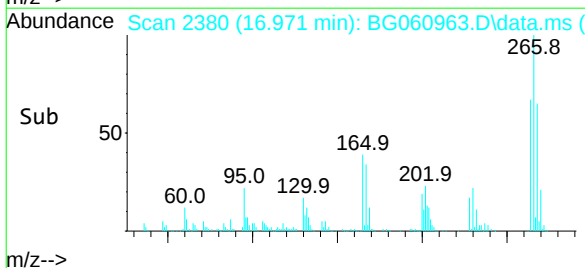
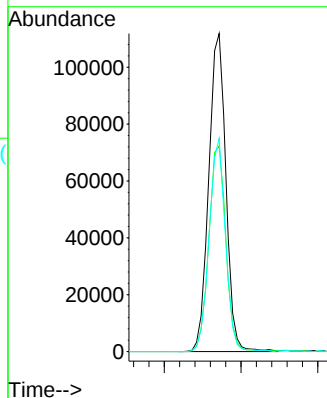
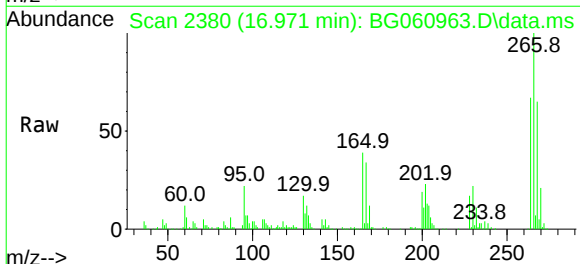
RT: 16.971 min Scan# 2380

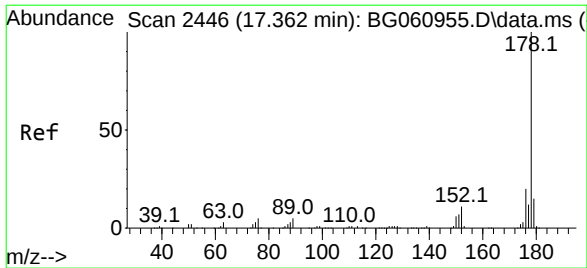
Delta R.T. 0.005 min

Lab File: BG060963.D

Acq: 19 Apr 2024 17:36

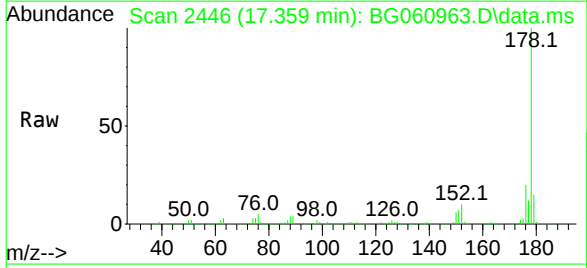
Tgt	Ion:266	Resp:	173369
Ion	Ratio	Lower	Upper
266	100		
268	64.6	50.2	75.2
264	67.1	51.2	76.8





#71
Phenanthrene
Concen: 45.371 ng
RT: 17.359 min Scan# 2446
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36

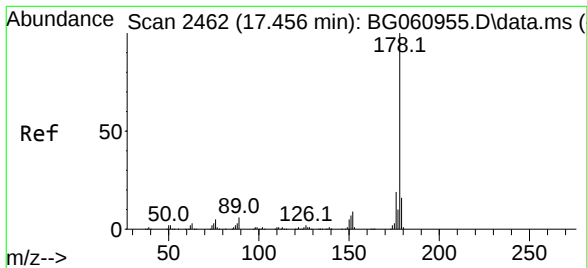
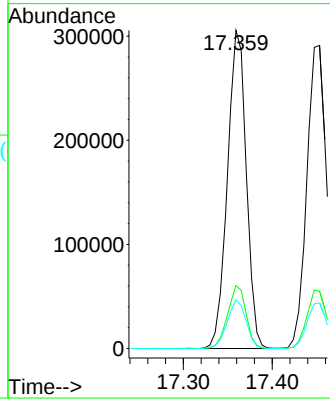
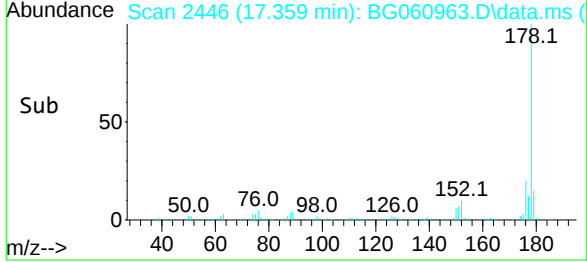
Instrument :
BNA_G
ClientSampleId :
YARD-2MSD



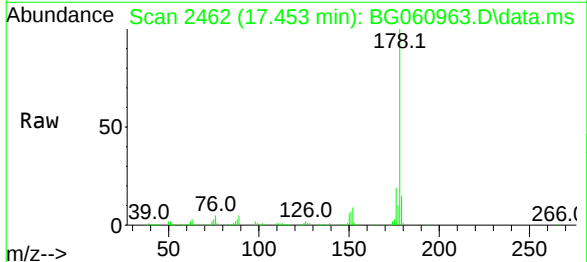
Tgt Ion:178 Resp: 450106
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 15.3 12.0 18.0

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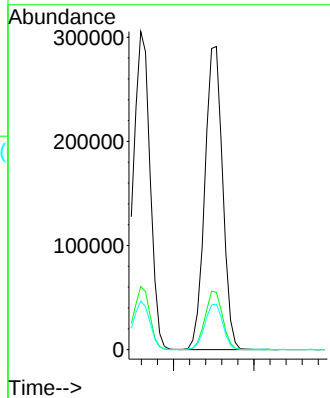
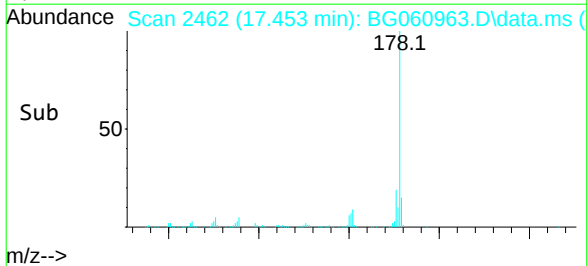
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

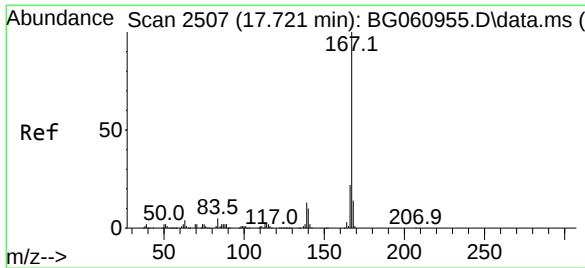


#72
Anthracene
Concen: 43.885 ng
RT: 17.453 min Scan# 2462
Delta R.T. -0.001 min
Lab File: BG060963.D
Acq: 19 Apr 2024 17:36



Tgt Ion:178 Resp: 447207
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.0 11.6 17.4





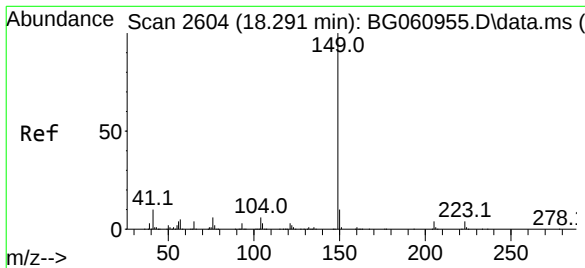
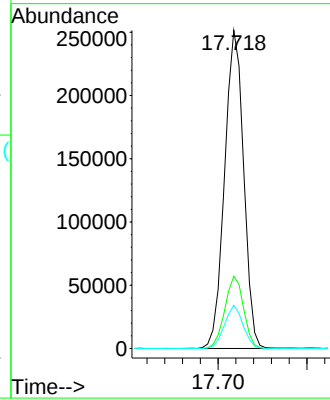
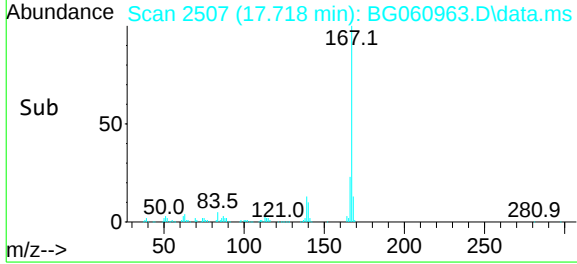
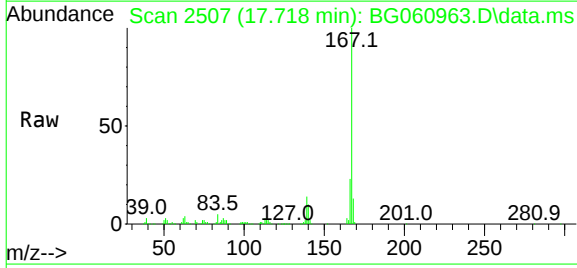
#73
 Carbazole
 Concen: 42.226 ng
 RT: 17.718 min Scan# 2507
 Delta R.T. -0.001 min
 Lab File: BG060963.D
 Acq: 19 Apr 2024 17:36

Instrument : BNA_G
 ClientSampleId : YARD-2MSD

Tgt Ion:	167	Resp:	374902
Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.4	27.6
139	13.6	10.1	15.1

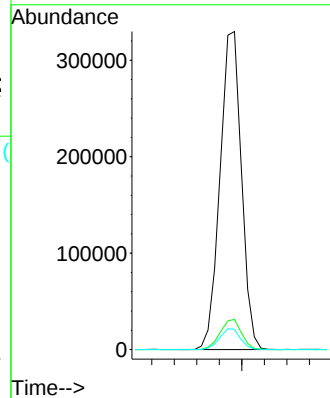
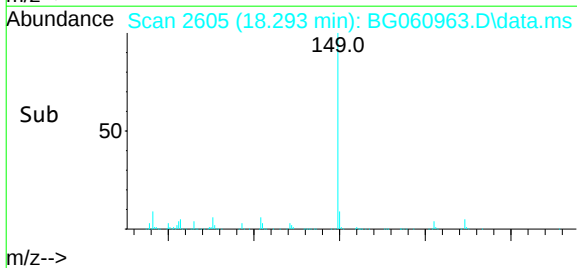
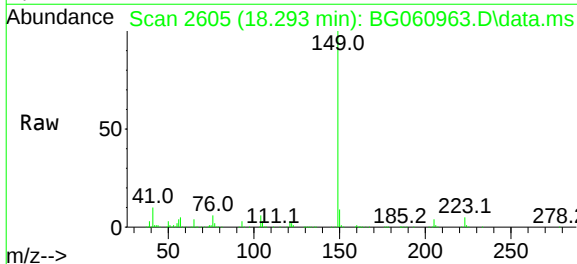
Manual Integrations
 APPROVED

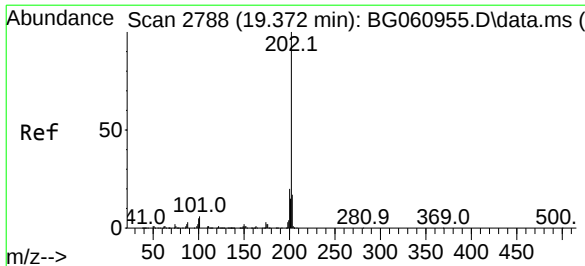
Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024



#74
 Di-n-butylphthalate
 Concen: 40.899 ng
 RT: 18.293 min Scan# 2605
 Delta R.T. -0.001 min
 Lab File: BG060963.D
 Acq: 19 Apr 2024 17:36

Tgt Ion:	149	Resp:	437168
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	6.4	4.6	6.8





#75

Fluoranthene

Concen: 44.762 ng

RT: 19.369 min Scan# 27

Delta R.T. -0.001 min

Lab File: BG060963.D

Acq: 19 Apr 2024 17:36

Instrument :

BNA_G

ClientSampleId :

YARD-2MSD

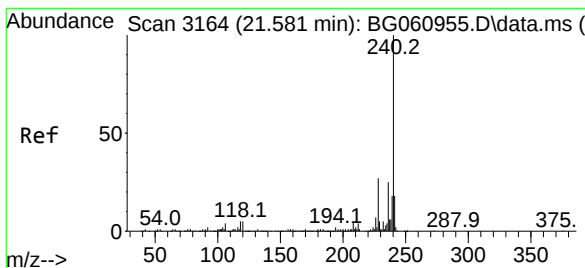
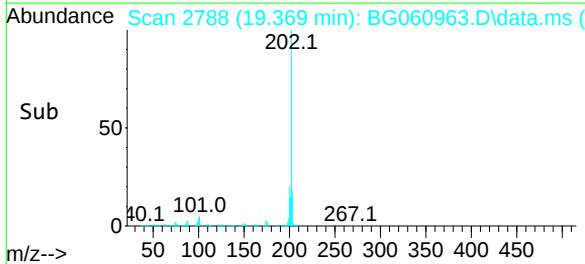
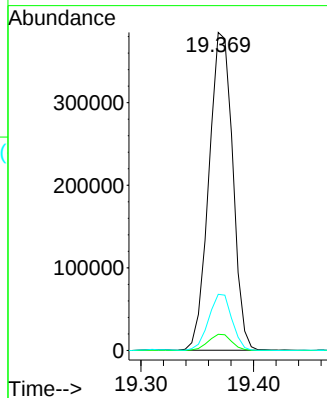
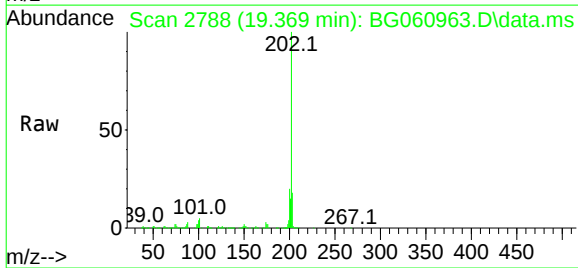
Tgt	Ion	202	Resp:	565227
Ion	Ratio	Lower	Upper	
202	100			
101	5.1	0.0	28.6	
203	17.7	0.0	37.3	

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#76

Chrysene-d12

Concen: 20.000 ng

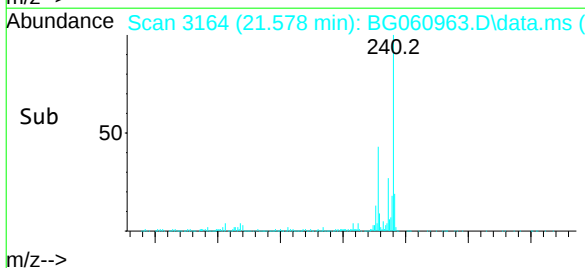
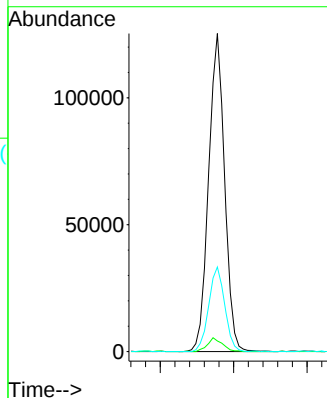
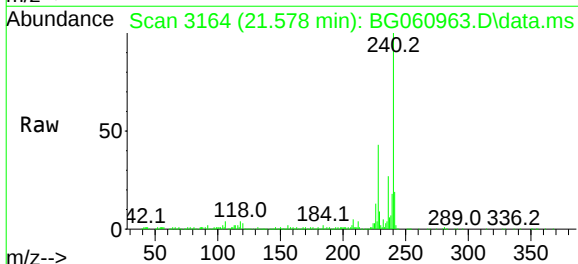
RT: 21.578 min Scan# 3164

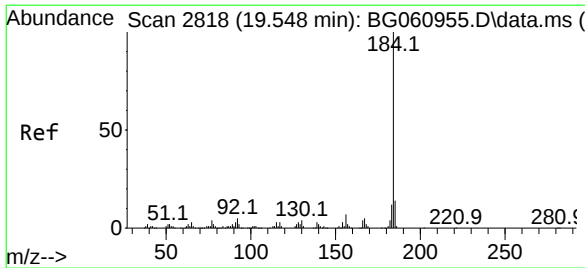
Delta R.T. -0.001 min

Lab File: BG060963.D

Acq: 19 Apr 2024 17:36

Tgt	Ion	240	Resp:	189742
Ion	Ratio	Lower	Upper	
240	100			
120	3.3	5.7	8.5#	
236	26.6	21.1	31.7	





#77

Benzidine

Concen: 60.579 ng

RT: 19.551 min Scan# 2819

Delta R.T. -0.001 min

Lab File: BG060963.D

Acq: 19 Apr 2024 17:36

Instrument :

BNA_G

ClientSampleId :

YARD-2MSD

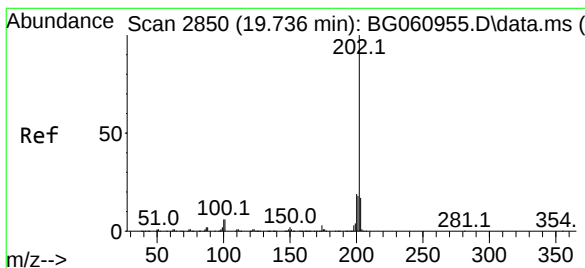
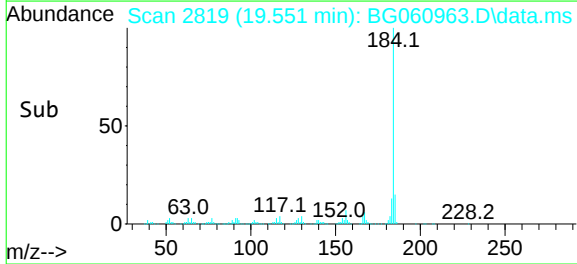
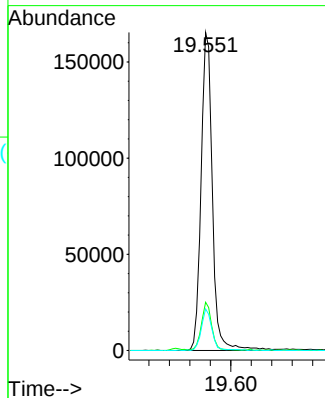
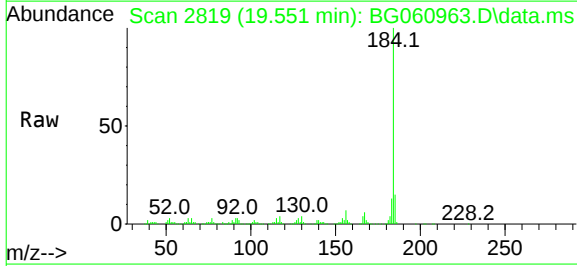
Tgt Ion:	184	Resp:	253533
Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.4	17.0
183	13.1	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#78

Pyrene

Concen: 44.934 ng

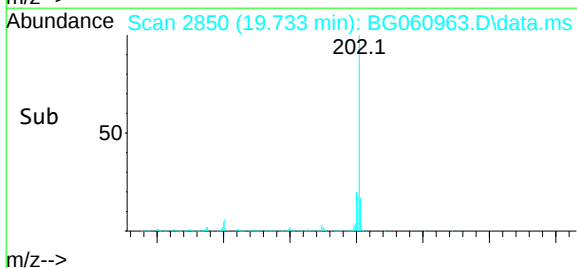
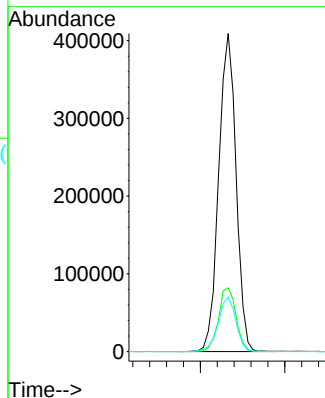
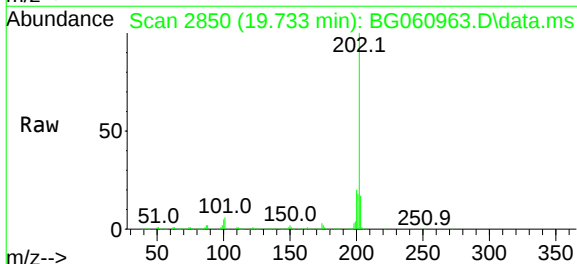
RT: 19.733 min Scan# 2850

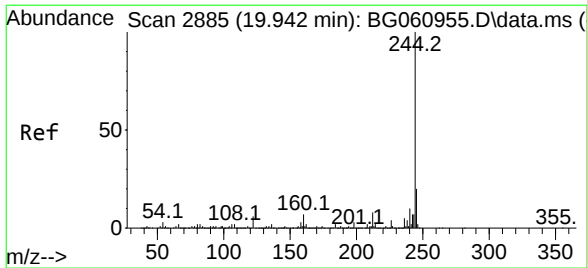
Delta R.T. -0.001 min

Lab File: BG060963.D

Acq: 19 Apr 2024 17:36

Tgt Ion:	202	Resp:	584858
Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.7	25.1
203	17.1	13.8	20.8





#79

Terphenyl-d14

Concen: 81.976 ng

RT: 19.939 min Scan# 2885

Delta R.T. -0.001 min

Lab File: BG060963.D

Acq: 19 Apr 2024 17:36

Instrument :

BNA_G

ClientSampleId :

YARD-2MSD

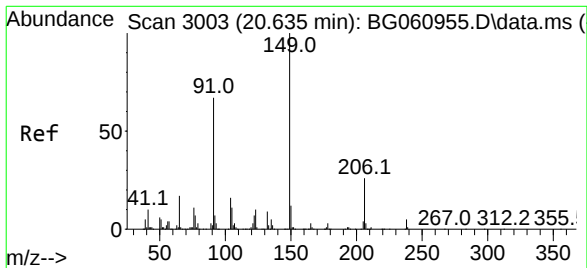
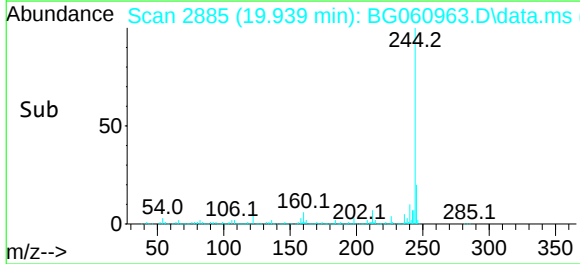
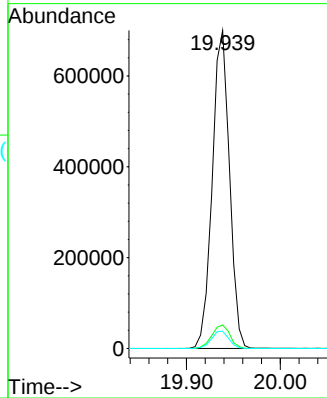
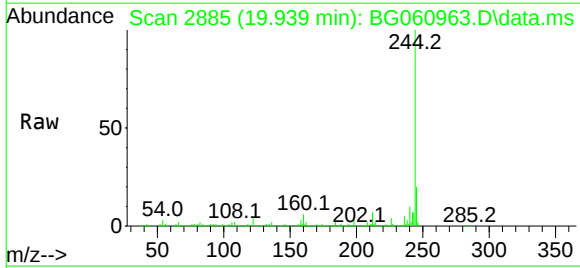
Tgt Ion:	244	Resp:	891244
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.2	9.4
122	5.4	6.6	9.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#80

Butylbenzylphthalate

Concen: 40.212 ng

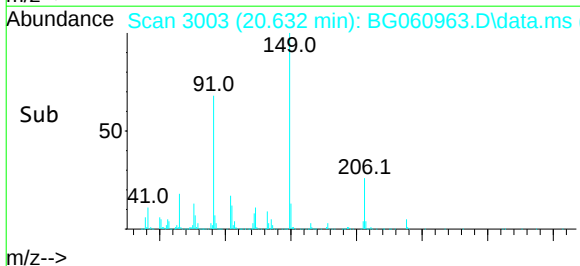
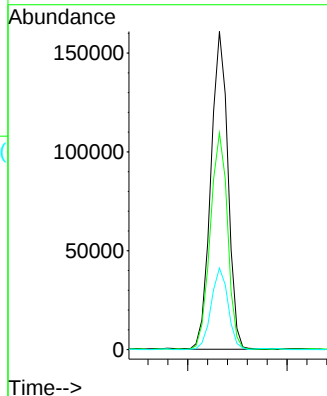
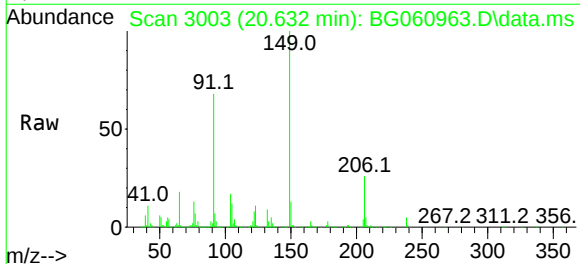
RT: 20.632 min Scan# 3003

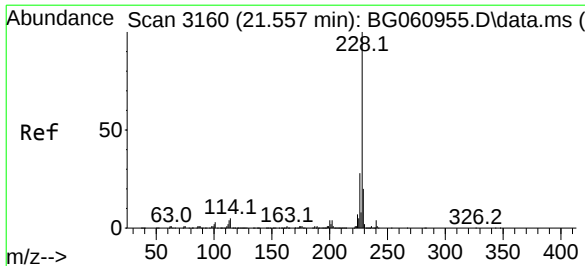
Delta R.T. -0.001 min

Lab File: BG060963.D

Acq: 19 Apr 2024 17:36

Tgt Ion:	149	Resp:	192245
Ion Ratio	Lower	Upper	
149	100		
91	68.1	58.7	88.1
206	25.6	18.0	27.0





#81

Benzo(a)anthracene

Concen: 45.027 ng

RT: 21.560 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG060963.D

Acq: 19 Apr 2024 17:36

Instrument :

BNA_G

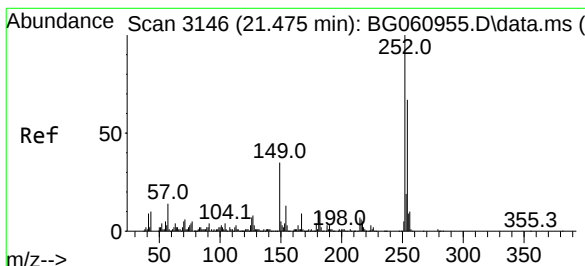
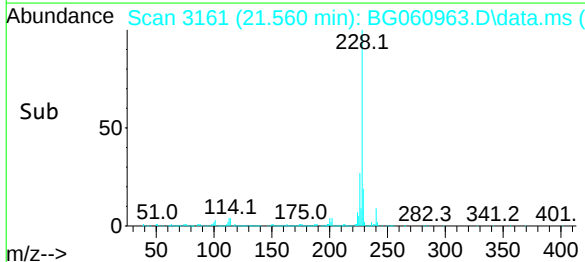
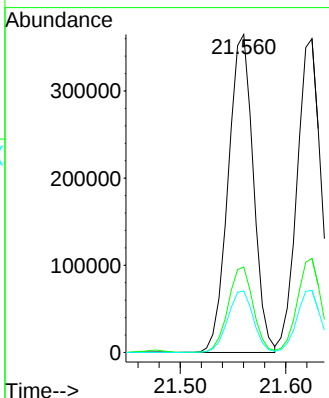
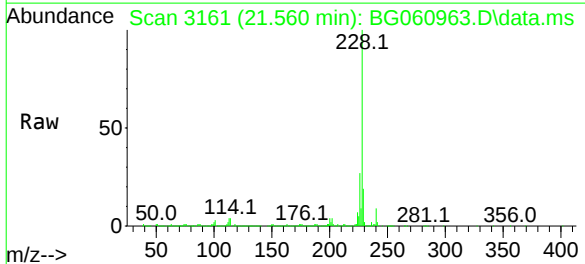
ClientSampleId :

YARD-2MSD

Tgt Ion:	228	Resp:	603301
Ion Ratio	Lower	Upper	
228	100		
226	26.9	22.0	33.0
229	19.4	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: 39.586 ng

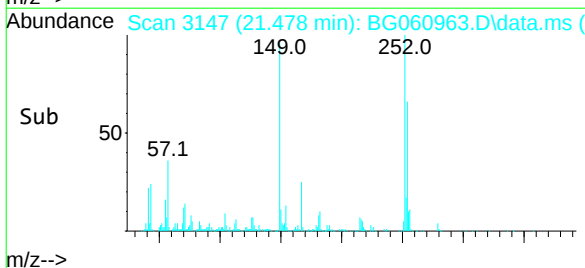
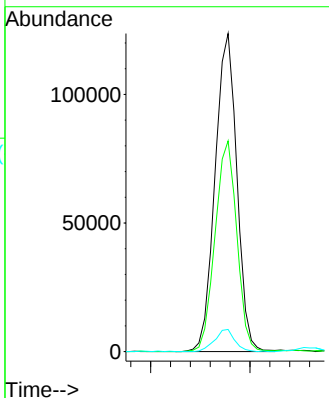
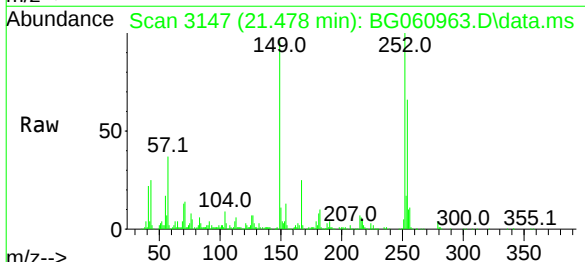
RT: 21.478 min Scan# 3147

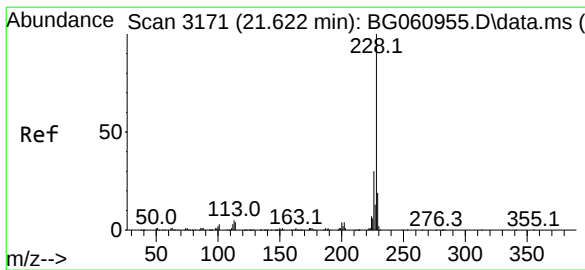
Delta R.T. 0.005 min

Lab File: BG060963.D

Acq: 19 Apr 2024 17:36

Tgt Ion:	252	Resp:	188881
Ion Ratio	Lower	Upper	
252	100		
254	66.2	51.5	77.3
126	7.0	6.5	9.7





#83

Chrysene

Concen: 44.182 ng

RT: 21.625 min Scan# 3171

Delta R.T. -0.001 min

Lab File: BG060963.D

Acq: 19 Apr 2024 17:36

Instrument :

BNA_G

ClientSampleId :

YARD-2MSD

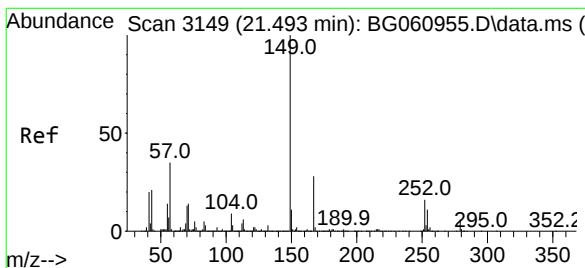
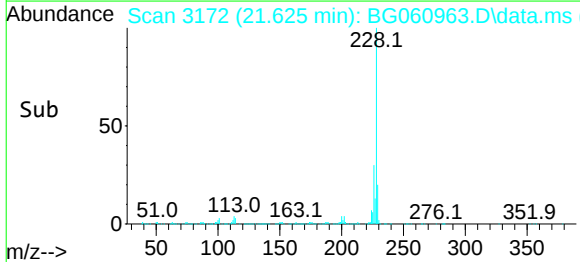
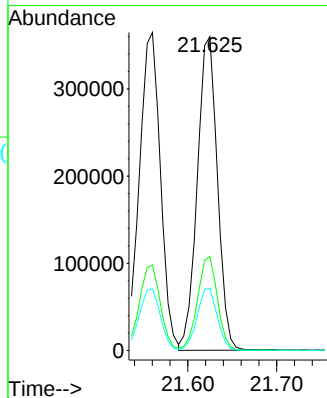
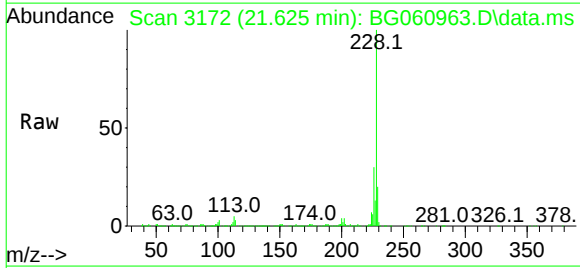
Tgt Ion:	228	Resp:	565223
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.4	36.6
229	19.8	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.051 ng

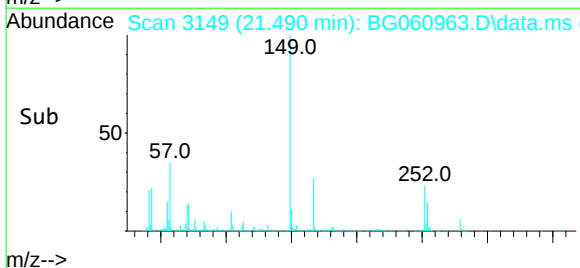
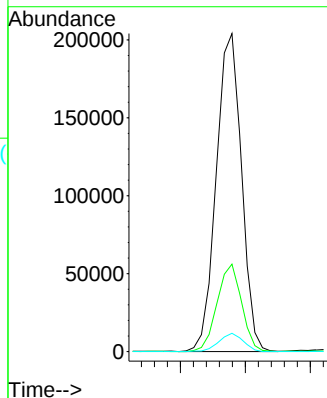
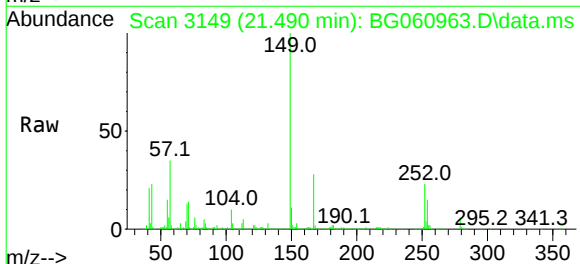
RT: 21.490 min Scan# 3149

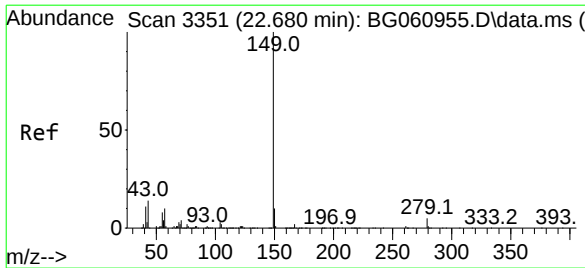
Delta R.T. -0.001 min

Lab File: BG060963.D

Acq: 19 Apr 2024 17:36

Tgt Ion:	149	Resp:	276061
Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.4	33.6
279	5.8	3.2	4.8#





#85

Di-n-octyl phthalate

Concen: 37.598 ng

RT: 22.677 min Scan# 3351

Delta R.T. -0.001 min

Lab File: BG060963.D

Acq: 19 Apr 2024 17:36

Instrument :

BNA_G

ClientSampleId :

YARD-2MSD

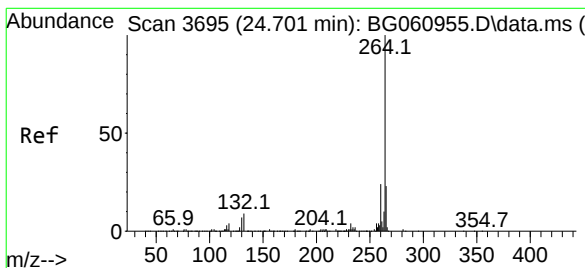
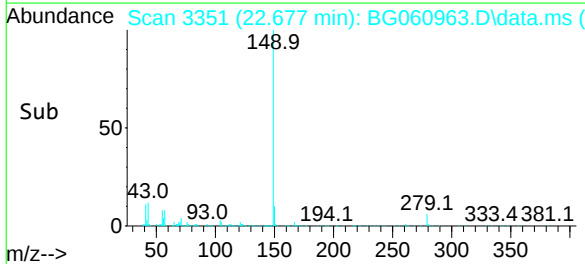
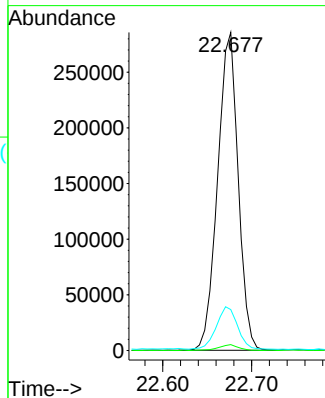
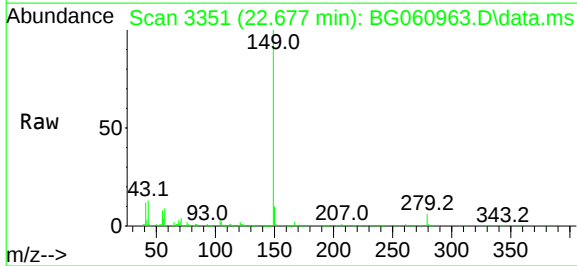
Tgt Ion:	149	Resp:	458618
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	13.9	11.2	16.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#86

Perylene-d12

Concen: 20.000 ng

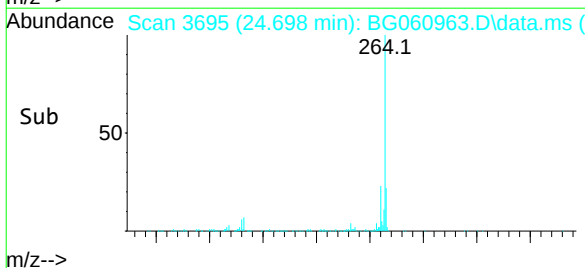
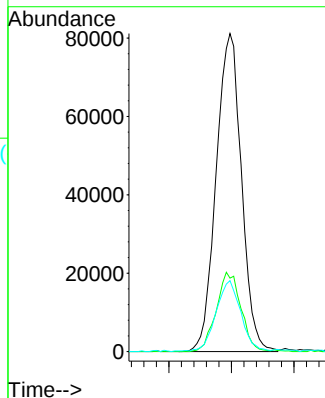
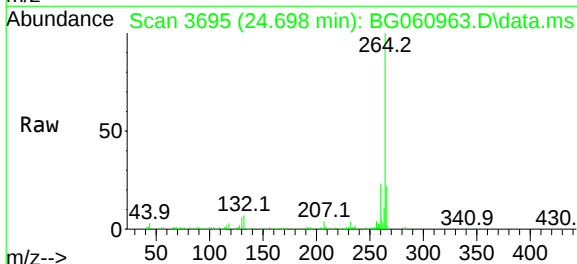
RT: 24.698 min Scan# 3695

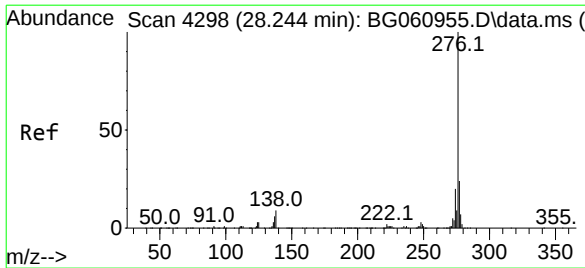
Delta R.T. -0.001 min

Lab File: BG060963.D

Acq: 19 Apr 2024 17:36

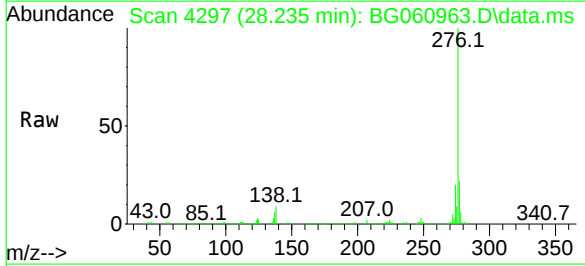
Tgt Ion:	264	Resp:	228010
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	22.3	16.6	25.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.423 ng
 RT: 28.235 min Scan# 4297
 Delta R.T. -0.012 min
 Lab File: BG060963.D
 Acq: 19 Apr 2024 17:36

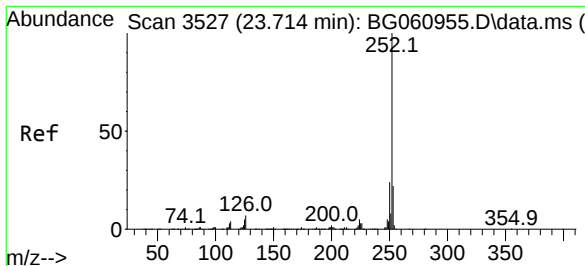
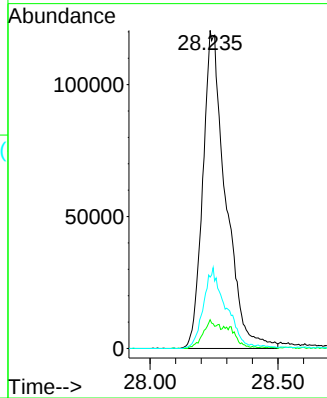
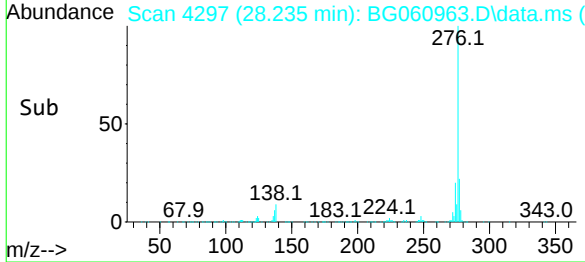
Instrument :
 BNA_G
 ClientSampleId :
 YARD-2MSD



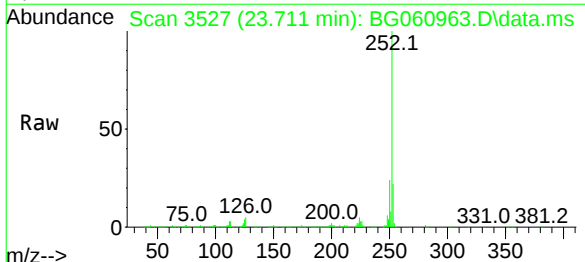
Tgt Ion:276 Resp: 747734
 Ion Ratio Lower Upper
 276 100
 138 4.4 10.8 16.2#
 277 24.7 20.3 30.5

Manual Integrations
 APPROVED

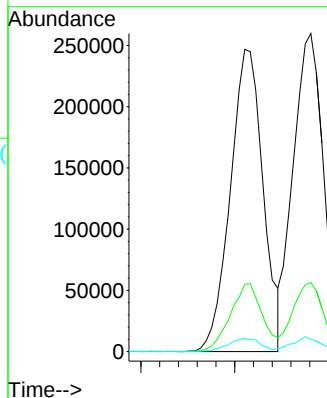
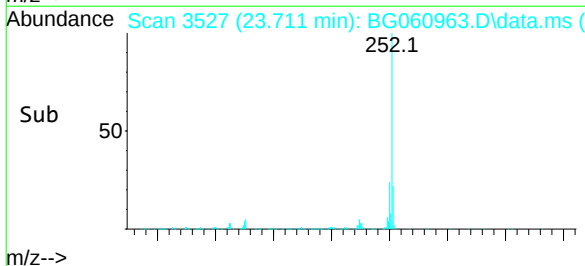
Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024

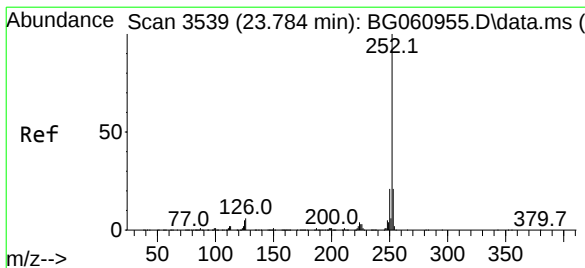


#88
 Benzo(b)fluoranthene
 Concen: 46.467 ng
 RT: 23.711 min Scan# 3527
 Delta R.T. -0.007 min
 Lab File: BG060963.D
 Acq: 19 Apr 2024 17:36



Tgt Ion:252 Resp: 599454
 Ion Ratio Lower Upper
 252 100
 253 22.2 16.8 25.2
 125 4.3 5.6 8.4#





#89

Benzo(k)fluoranthene

Concen: 44.525 ng

RT: 23.781 min Scan# 3539

Delta R.T. -0.001 min

Lab File: BG060963.D

Acq: 19 Apr 2024 17:36

Instrument :

BNA_G

ClientSampleId :

YARD-2MSD

Tgt Ion:252 Resp: 587619

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

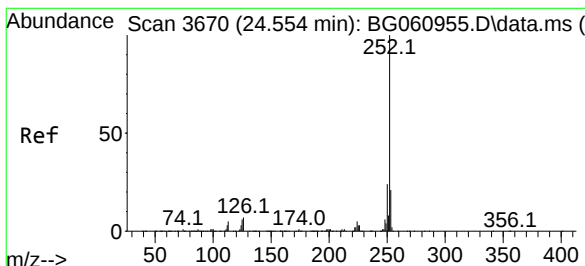
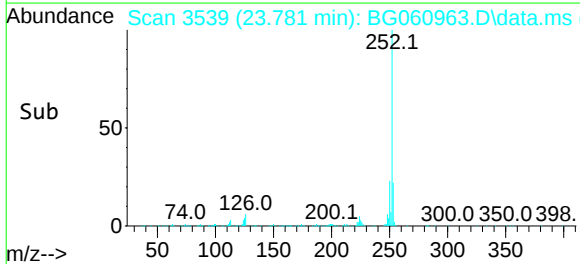
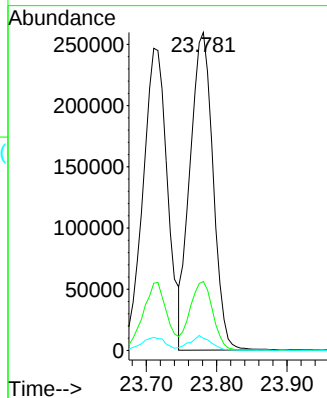
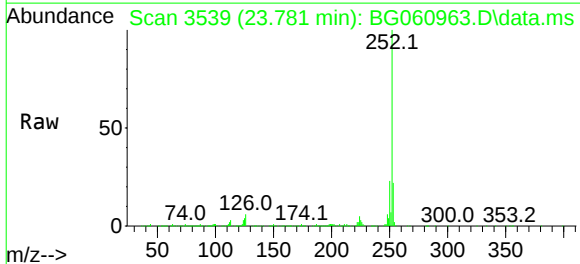
125 3.8 5.8 8.8#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#90

Benzo(a)pyrene

Concen: 44.038 ng

RT: 24.551 min Scan# 3670

Delta R.T. -0.001 min

Lab File: BG060963.D

Acq: 19 Apr 2024 17:36

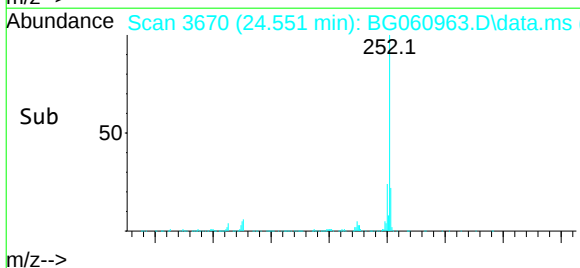
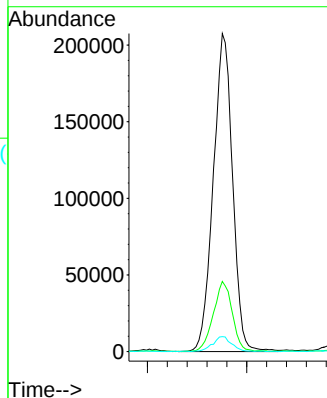
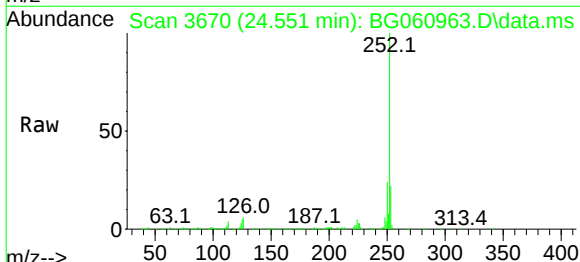
Tgt Ion:252 Resp: 560124

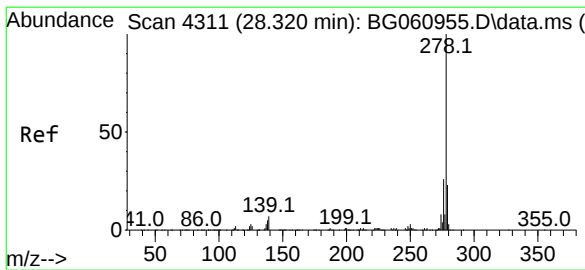
Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 4.7 6.1 9.1#





#91

Dibenzo(a,h)anthracene

Concen: 46.107 ng

RT: 28.305 min Scan# 4311

Delta R.T. -0.012 min

Lab File: BG060963.D

Acq: 19 Apr 2024 17:36

Instrument :

BNA_G

ClientSampleId :

YARD-2MSD

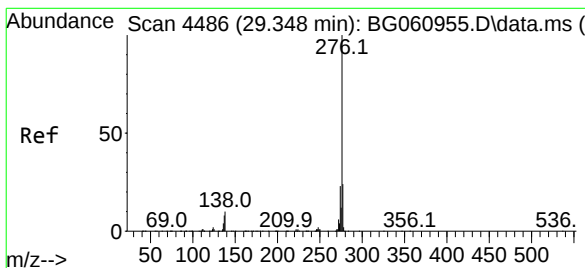
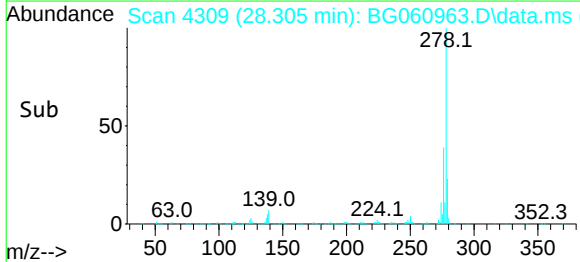
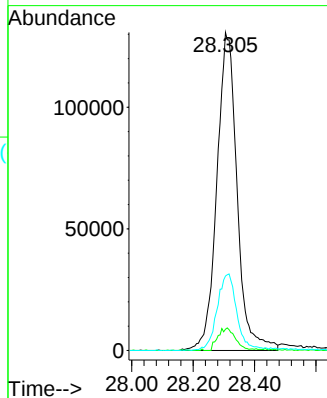
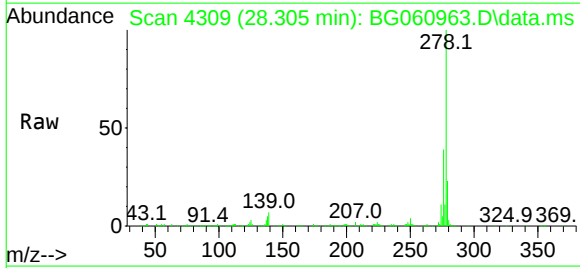
Tgt Ion:	278	Resp:	598408
Ion	Ratio	Lower	Upper
278	100		
139	6.7	8.6	12.8
279	23.4	19.4	29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#92

Benzo(g,h,i)perylene

Concen: 42.401 ng

RT: 29.339 min Scan# 4485

Delta R.T. -0.012 min

Lab File: BG060963.D

Acq: 19 Apr 2024 17:36

Tgt Ion:	276	Resp:	538000
Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.3	27.5
138	10.7	12.2	18.4

