

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
 Data File : BG060962.D
 Acq On : 19 Apr 2024 16:55
 Operator : MA/JU
 Sample : P2189-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YARD-2MS

Quant Time: Apr 19 17:35:31 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	29458	20.000	ng	0.00
21) Naphthalene-d8	10.735	136	112100	20.000	ng	# 0.00
39) Acenaphthene-d10	14.571	164	92273	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	214444	20.000	ng	# 0.00
76) Chrysene-d12	21.581	240	203486	20.000	ng	# 0.00
86) Perylene-d12	24.701	264	250132	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.529	112	155581	91.738	ng	0.00
7) Phenol-d6	7.115	99	227016	92.920	ng	0.00
23) Nitrobenzene-d5	9.095	82	170677	69.120	ng	0.00
42) 2,4,6-Tribromophenol	16.064	330	210617	138.166	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	470617	74.844	ng	0.00
79) Terphenyl-d14	19.941	244	933054	80.025	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.455	88	13509	19.705	ng	# 92
3) Pyridine	3.837	79	40203	18.431	ng	# 90
4) n-Nitrosodimethylamine	3.755	42	49249	35.383	ng	# 75
6) Aniline	7.268	93	67645	22.725	ng	98
8) 2-Chlorophenol	7.509	128	73827	38.265	ng	96
9) Benzaldehyde	7.086	77	3890	2.965	ng	86
10) Phenol	7.139	94	88495	36.142	ng	84
11) bis(2-Chloroethyl)ether	7.362	93	54818	28.863	ng	99
12) 1,3-Dichlorobenzene	7.832	146	76772	37.450	ng	91
13) 1,4-Dichlorobenzene	7.979	146	81208	38.695	ng	96
14) 1,2-Dichlorobenzene	8.290	146	79697	39.053	ng	94
15) Benzyl Alcohol	8.173	79	80112	38.119	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.461	45	142882	31.130	ng	94
17) 2-Methylphenol	8.384	107	65824	34.024	ng	92
18) Hexachloroethane	9.025	117	28929	38.820	ng	88
19) n-Nitroso-di-n-propyla...	8.743	70	59594	32.024	ng	# 93
20) 3+4-Methylphenols	8.713	107	92062	34.300	ng	93
22) Acetophenone	8.760	105	122721	38.442	ng	# 95
24) Nitrobenzene	9.136	77	92944	38.353	ng	97
25) Isophorone	9.659	82	167466	36.751	ng	# 96
26) 2-Nitrophenol	9.847	139	45159	44.357	ng	# 88
27) 2,4-Dimethylphenol	9.912	122	56657	31.586	ng	90
28) bis(2-Chloroethoxy)met...	10.147	93	85944	33.542	ng	98
29) 2,4-Dichlorophenol	10.388	162	85594	43.981	ng	98
30) 1,2,4-Trichlorobenzene	10.599	180	94559	45.327	ng	99
31) Naphthalene	10.787	128	241404	39.818	ng	99
32) Benzoic acid	10.059	122	58885	40.555	ng	98
33) 4-Chloroaniline	10.893	127	60044	21.132	ng	94
34) Hexachlorobutadiene	11.075	225	76296	51.446	ng	98
35) Caprolactam	11.663	113	26137m	36.399	ng	
36) 4-Chloro-3-methylphenol	12.021	107	92943	39.513	ng	100
37) 2-Methylnaphthalene	12.397	142	184272	40.178	ng	96
38) 1-Methylnaphthalene	12.615	142	172185	39.767	ng	99
40) 1,2,4,5-Tetrachloroben...	12.762	216	142906	50.189	ng	98
41) Hexachlorocyclopentadiene	12.744	237	123642	84.922	ng	97
43) 2,4,6-Trichlorophenol	13.003	196	92718	46.827	ng	99

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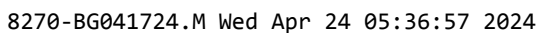
Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024

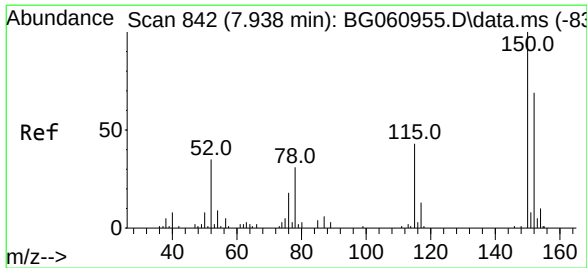
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.079	196	102166	42.786	ng	98
46) 1,1'-Biphenyl	13.408	154	264535	42.163	ng	95
47) 2-Chloronaphthalene	13.443	162	208646	43.450	ng	97
48) 2-Nitroaniline	13.643	65	75744	38.439	ng	96
49) Acenaphthylene	14.295	152	352671	43.433	ng	99
50) Dimethylphthalate	14.031	163	290460	39.668	ng	100
51) 2,6-Dinitrotoluene	14.142	165	61968	41.523	ng	96
52) Acenaphthene	14.636	154	200743	40.764	ng	98
53) 3-Nitroaniline	14.471	138	47869	29.220	ng #	96
54) 2,4-Dinitrophenol	14.677	184	68535	72.436	ng #	86
55) Dibenzofuran	14.971	168	338906	40.740	ng	99
56) 4-Nitrophenol	14.789	139	95218	75.913	ng #	83
57) 2,4-Dinitrotoluene	14.930	165	90834	42.593	ng	97
58) Fluorene	15.617	166	281859	40.847	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.200	232	102734	46.833	ng	96
60) Diethylphthalate	15.394	149	283754	38.690	ng	99
61) 4-Chlorophenyl-phenyle...	15.617	204	168631	44.087	ng	98
62) 4-Nitroaniline	15.635	138	60130	34.136	ng #	78
63) Azobenzene	15.911	77	245304	35.488	ng	89
65) 4,6-Dinitro-2-methylph...	15.699	198	52586	43.954	ng	91
66) n-Nitrosodiphenylamine	15.829	169	258730	43.951	ng	96
67) 4-Bromophenyl-phenylether	16.510	248	118623	49.379	ng	96
68) Hexachlorobenzene	16.628	284	139526	53.377	ng	98
69) Atrazine	16.780	200	106410	50.296	ng	95
70) Pentachlorophenol	16.968	266	187467	105.897	ng	97
71) Phenanthrene	17.362	178	471679	43.455	ng	99
72) Anthracene	17.450	178	473483	42.466	ng	98
73) Carbazole	17.721	167	394311	40.591	ng	100
74) Di-n-butylphthalate	18.290	149	465403	39.795	ng	98
75) Fluoranthene	19.372	202	595952	43.135	ng	95
77) Benzidine	19.554	184	251146	55.955	ng	100
78) Pyrene	19.736	202	599385	42.939	ng	99
80) Butylbenzylphthalate	20.635	149	202090	39.416	ng	93
81) Benzo(a)anthracene	21.557	228	635074	44.197	ng	99
82) 3,3'-Dichlorobenzidine	21.475	252	202915	39.655	ng #	97
83) Chrysene	21.622	228	597878	43.578	ng	99
84) Bis(2-ethylhexyl)phtha...	21.487	149	291073	38.393	ng #	98
85) Di-n-octyl phthalate	22.674	149	491467	37.570	ng	100
87) Indeno(1,2,3-cd)pyrene	28.249	276	778092	44.984	ng #	97
88) Benzo(b)fluoranthene	23.714	252	620354	43.834	ng #	96
89) Benzo(k)fluoranthene	23.784	252	625823	43.226	ng #	96
90) Benzo(a)pyrene	24.554	252	590368	42.311	ng #	97
91) Dibenzo(a,h)anthracene	28.314	278	632365	44.414	ng #	96
92) Benzo(g,h,i)perylene	29.348	276	576955	41.449	ng #	91

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

Manual Integrations APPROVED

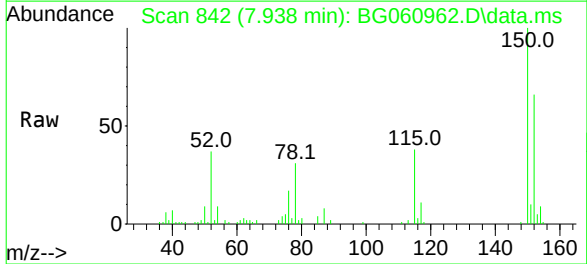
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.938 min Scan# 842
Delta R.T. -0.004 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

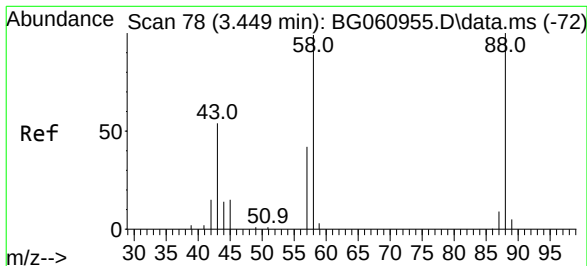
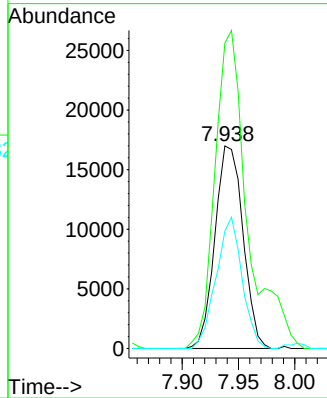
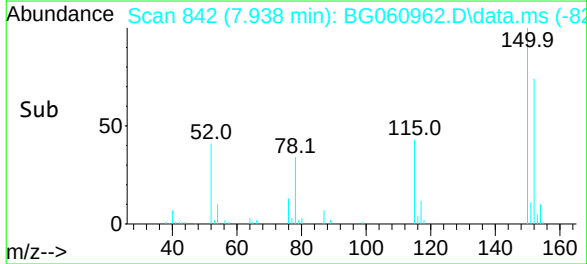
Instrument :
BNA_G
ClientSampleId :
YARD-2MS



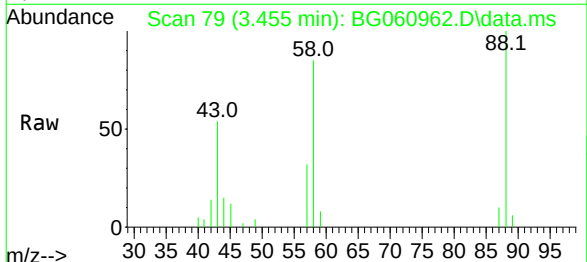
Tgt Ion: 152 Resp: 29458
Ion Ratio Lower Upper
152 100
150 150.8 125.6 188.4
115 58.0 47.1 70.7

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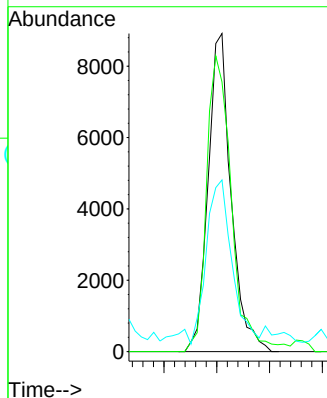
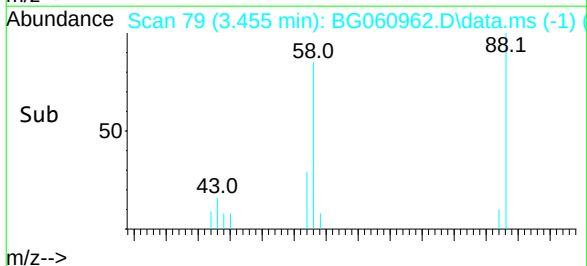
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

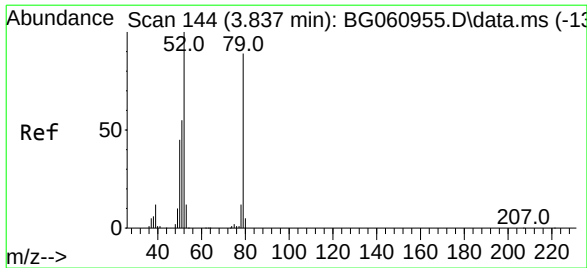


#2
1,4-Dioxane
Concen: 19.705 ng
RT: 3.455 min Scan# 79
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55



Tgt Ion: 88 Resp: 13509
Ion Ratio Lower Upper
88 100
58 99.9 82.1 123.1
43 58.2 35.2 52.8#





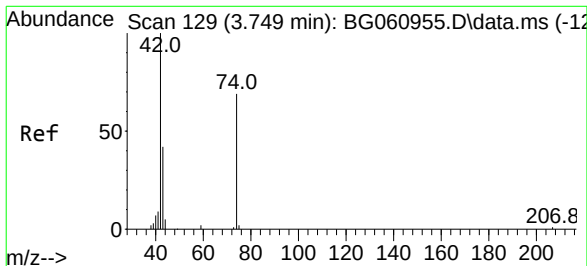
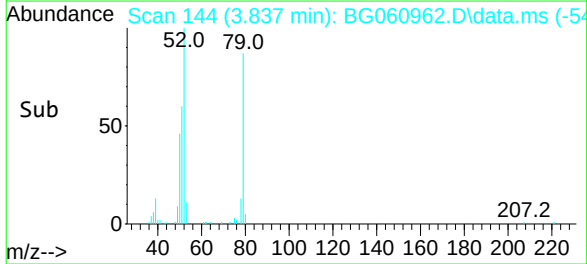
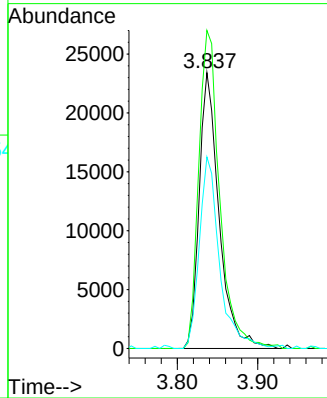
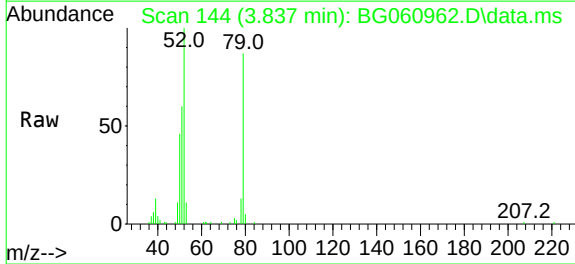
#3
Pyridine
Concen: 18.431 ng
RT: 3.837 min Scan# 14
Delta R.T. -0.004 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

Instrument :
BNA_G
ClientSampleId :
YARD-2MS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	115.3	87.8	131.8
51	69.4	44.1	66.1

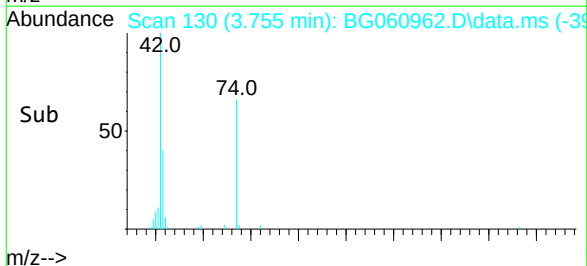
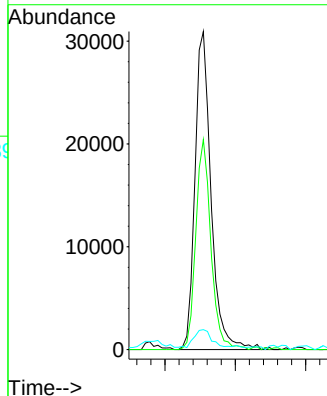
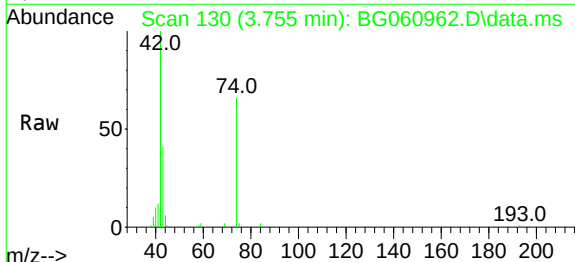
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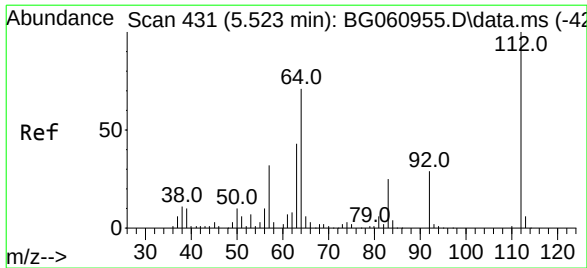
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#4
n-Nitrosodimethylamine
Concen: 35.383 ng
RT: 3.755 min Scan# 130
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

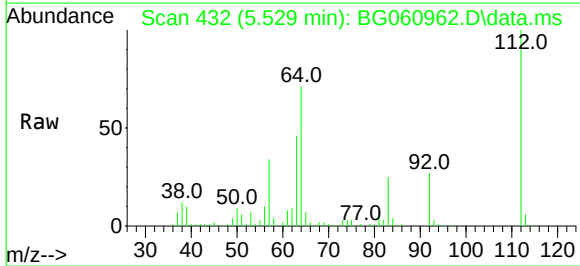
Tgt Ion	Ratio	Lower	Upper
42	100		
74	66.0	73.2	109.8
44	6.3	5.6	8.4





#5
2-Fluorophenol
Concen: 91.738 ng
RT: 5.529 min Scan# 431
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

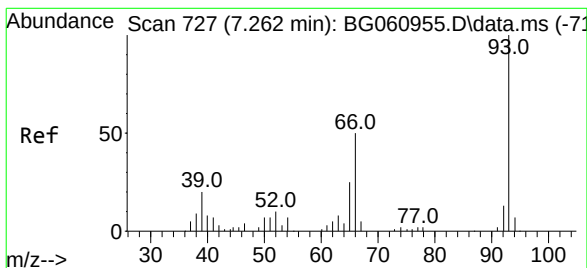
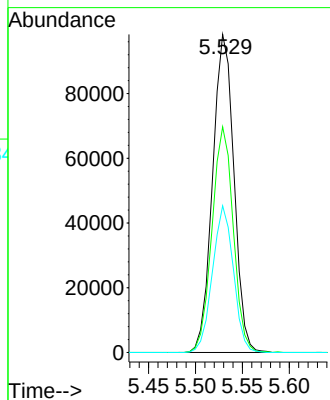
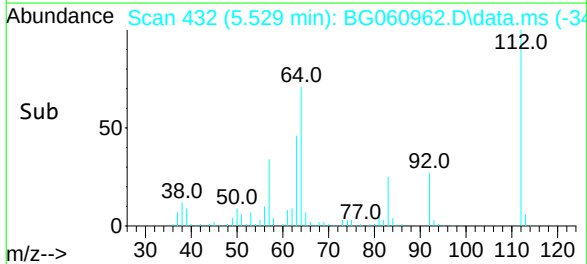
Instrument :
BNA_G
ClientSampleId :
YARD-2MS



Tgt Ion:112 Resp: 155581
Ion Ratio Lower Upper
112 100
64 70.9 58.9 88.3
63 46.1 32.1 48.1

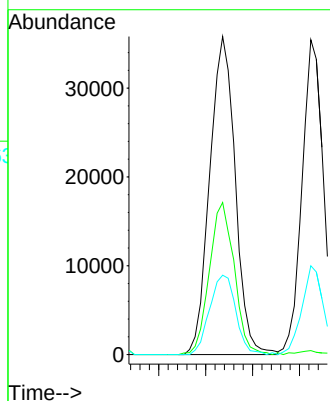
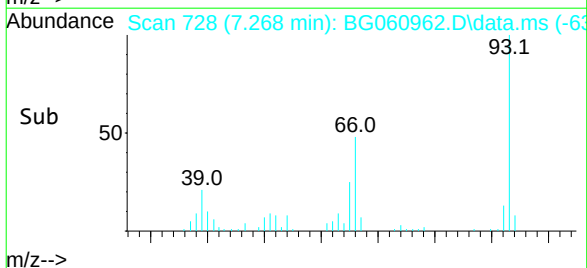
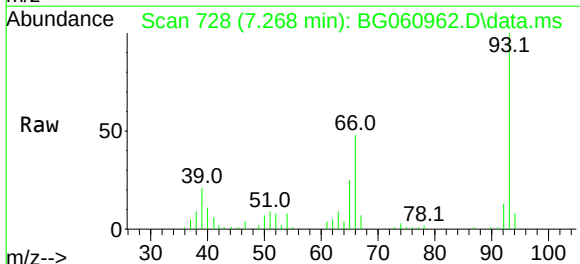
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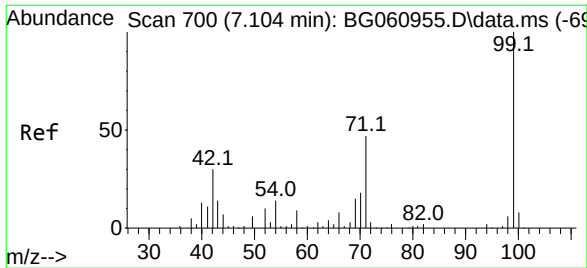
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#6
Aniline
Concen: 22.725 ng
RT: 7.268 min Scan# 728
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

Tgt Ion: 93 Resp: 67645
Ion Ratio Lower Upper
93 100
66 47.8 37.8 56.8
65 25.0 18.7 28.1





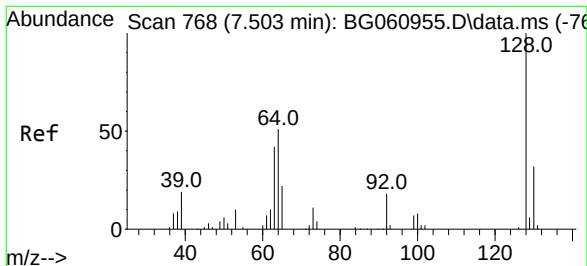
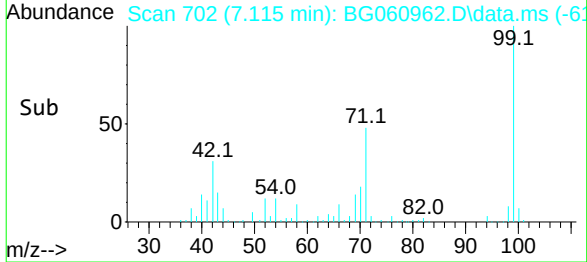
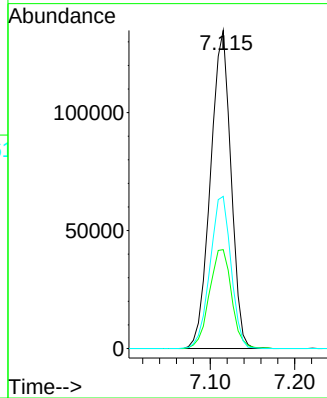
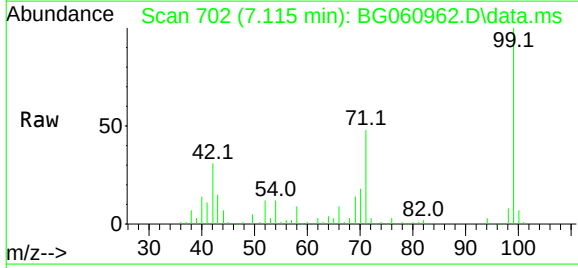
#7
Phenol-d6
Concen: 92.920 ng
RT: 7.115 min Scan# 700
Delta R.T. 0.008 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

Instrument :
BNA_G
ClientSampleId :
YARD-2MS

Tgt Ion: 99 Resp: 227016
Ion Ratio Lower Upper
99 100
42 31.1 22.2 33.2
71 47.8 30.5 45.7

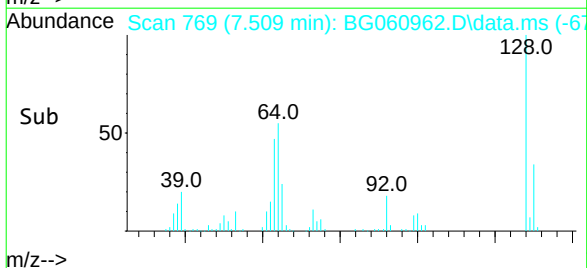
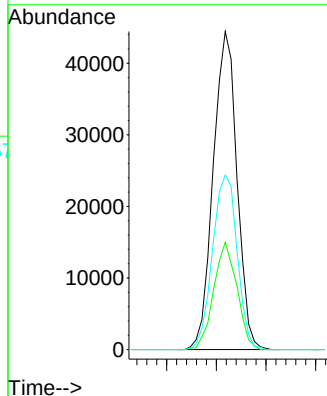
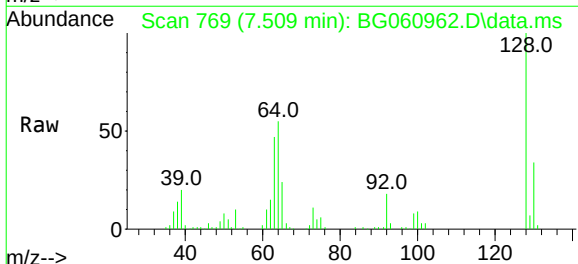
Manual Integrations
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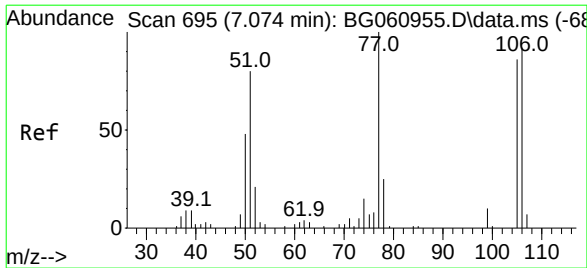
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#8
2-Chlorophenol
Concen: 38.265 ng
RT: 7.509 min Scan# 769
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

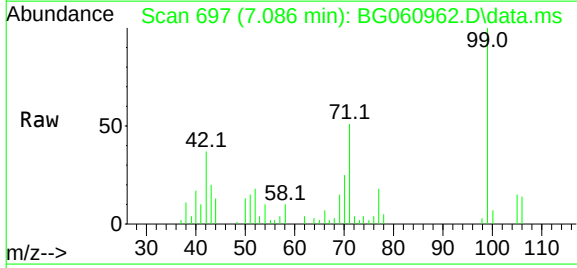
Tgt Ion:128 Resp: 73827
Ion Ratio Lower Upper
128 100
130 33.8 11.7 51.7
64 54.9 37.8 77.8





#9
Benzaldehyde
Concen: 2.965 ng
RT: 7.086 min Scan# 695
Delta R.T. 0.008 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

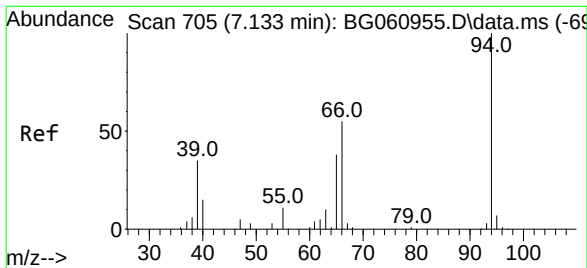
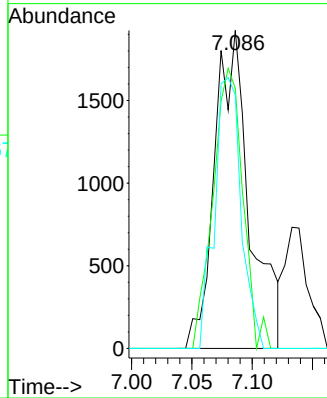
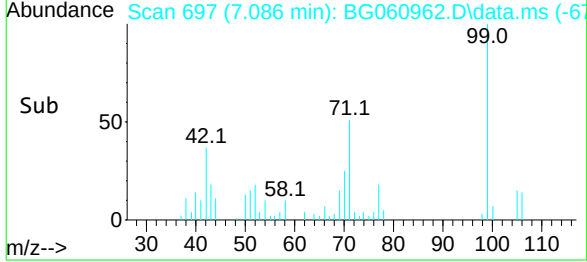
Instrument :
BNA_G
ClientSampleId :
YARD-2MS



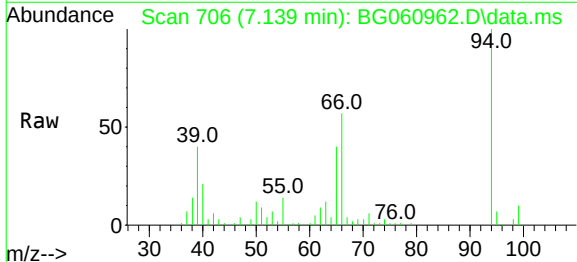
Tgt Ion: 77 Resp: 3890
Ion Ratio Lower Upper
77 100
105 81.8 79.9 119.9
106 79.7 69.3 109.3

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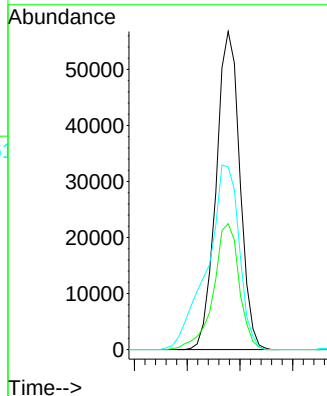
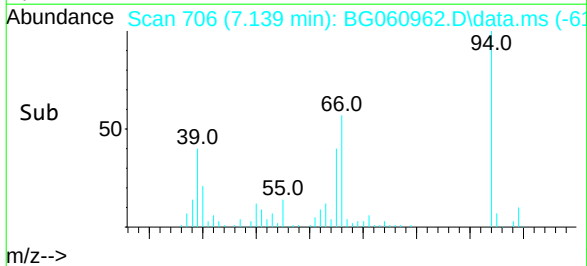
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

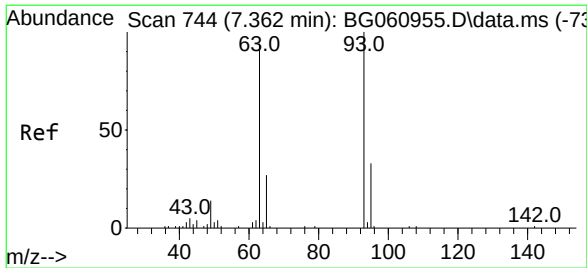


#10
Phenol
Concen: 36.142 ng
RT: 7.139 min Scan# 706
Delta R.T. 0.008 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55



Tgt Ion: 94 Resp: 88495
Ion Ratio Lower Upper
94 100
65 39.6 13.6 53.6
66 57.5 24.3 64.3





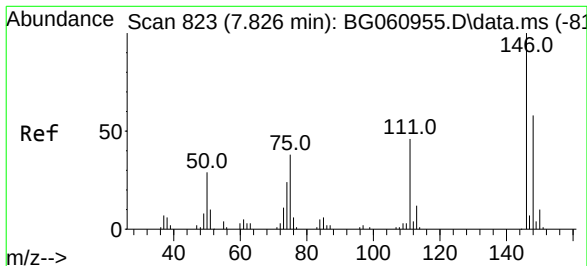
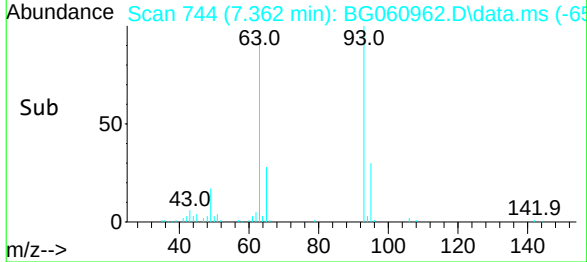
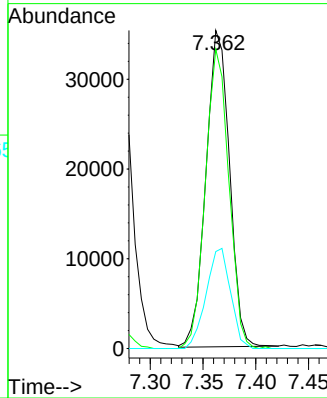
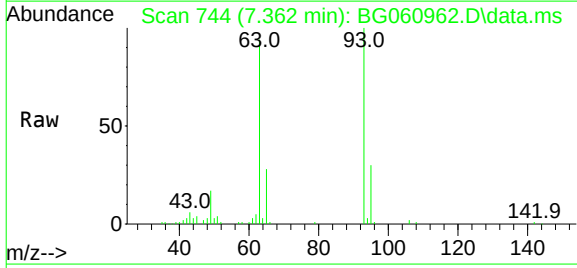
#11
bis(2-Chloroethyl)ether
Concen: 28.863 ng
RT: 7.362 min Scan# 744
Delta R.T. -0.004 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

Instrument :
BNA_G
ClientSampleId :
YARD-2MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	94.1	74.0	114.0
95	30.5	12.7	52.7

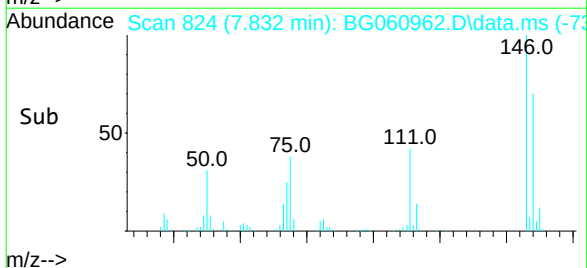
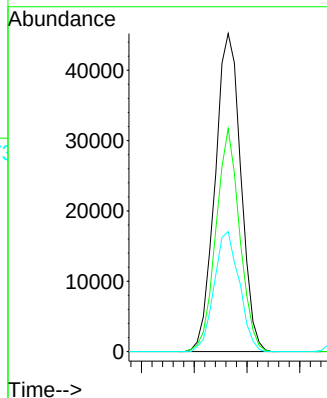
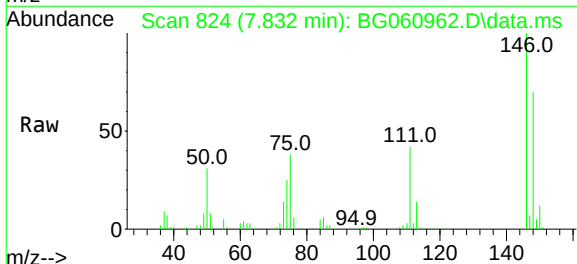
Manual Integrations
APPROVED

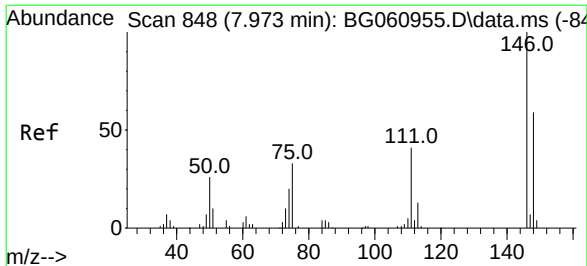
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#12
1,3-Dichlorobenzene
Concen: 37.450 ng
RT: 7.832 min Scan# 824
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

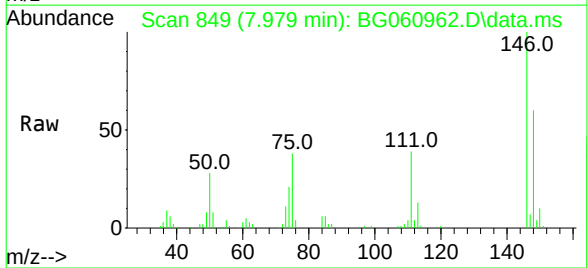
Tgt Ion	Ratio	Lower	Upper
146	100		
148	70.1	49.0	73.6
75	37.7	27.8	41.6





#13
1,4-Dichlorobenzene
Concen: 38.695 ng
RT: 7.979 min Scan# 848
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

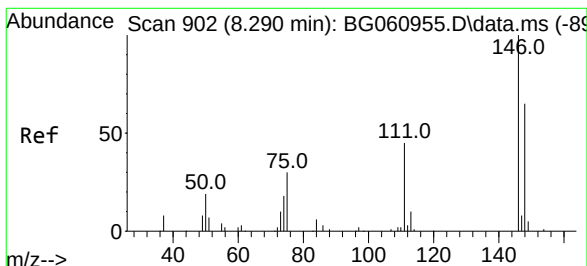
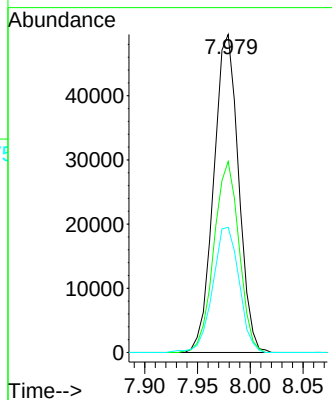
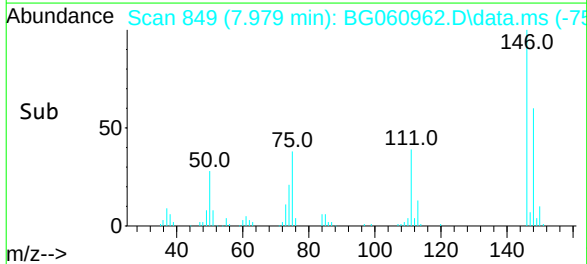
Instrument :
BNA_G
ClientSampleId :
YARD-2MS



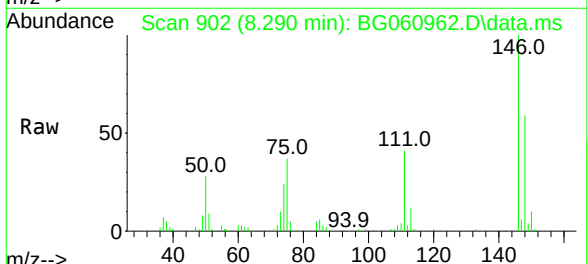
Tgt Ion:146 Resp: 81208
Ion Ratio Lower Upper
146 100
148 60.0 51.4 77.2
111 39.4 32.8 49.2

Manual Integrations
APPROVED

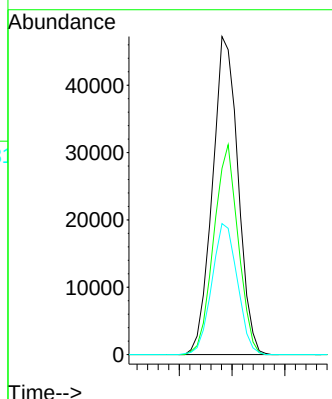
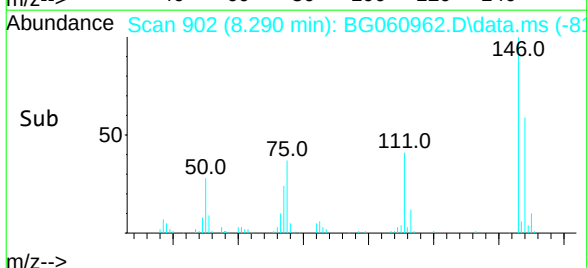
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

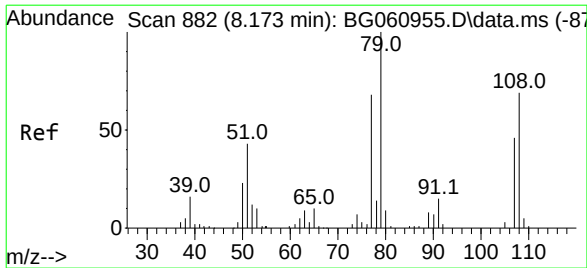


#14
1,2-Dichlorobenzene
Concen: 39.053 ng
RT: 8.290 min Scan# 902
Delta R.T. -0.004 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55



Tgt Ion:146 Resp: 79697
Ion Ratio Lower Upper
146 100
148 58.5 51.0 76.4
111 41.2 35.2 52.8





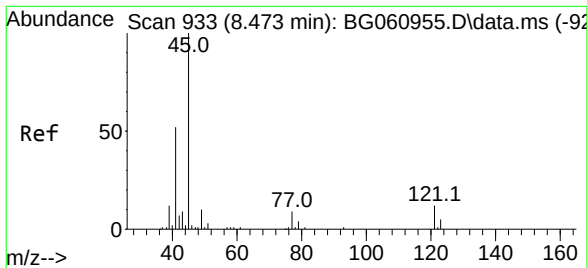
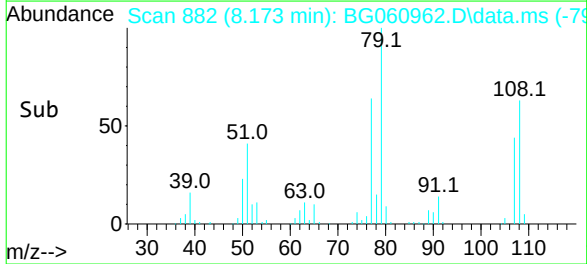
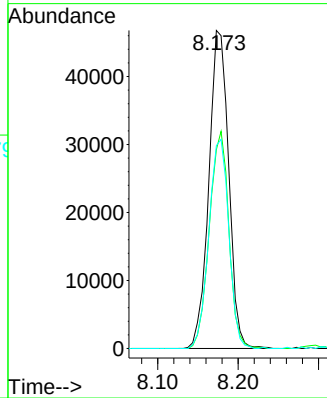
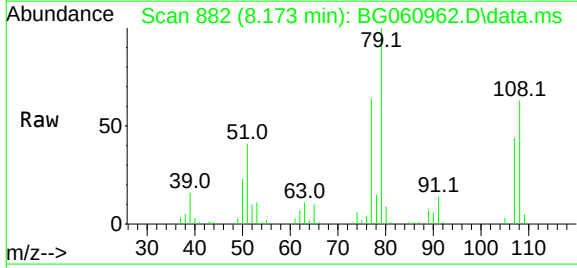
#15
Benzyl Alcohol
Concen: 38.119 ng
RT: 8.173 min Scan# 882
Delta R.T. -0.004 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

Instrument :
BNA_G
ClientSampleId :
YARD-2MS

Tgt Ion:	79	Resp:	80112
Ion	Ratio	Lower	Upper
79	100		
108	62.5	58.6	87.8
77	63.8	51.9	77.9

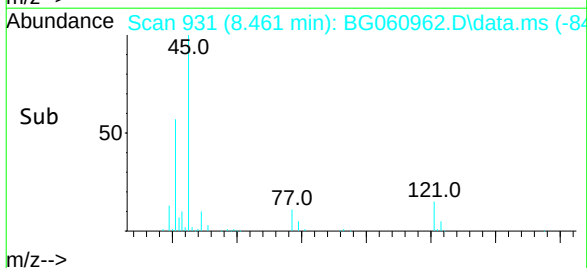
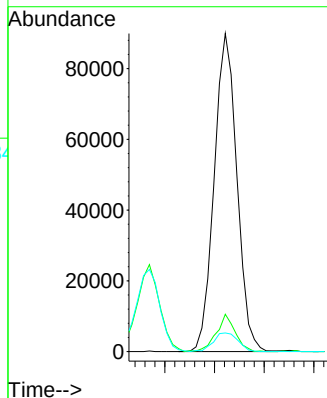
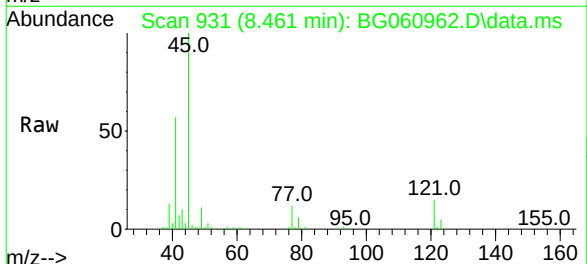
Manual Integrations
APPROVED

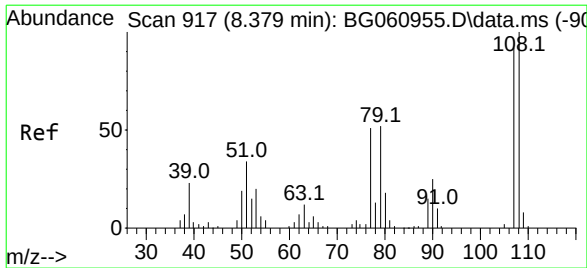
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.130 ng
RT: 8.461 min Scan# 931
Delta R.T. -0.015 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

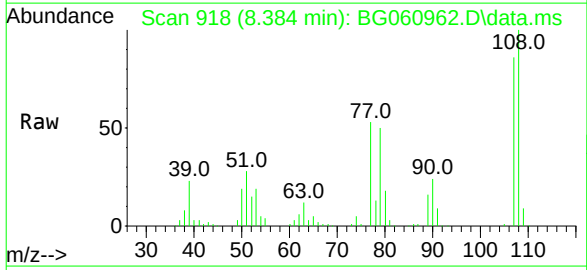
Tgt Ion:	45	Resp:	142882
Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	29.0
79	5.9	0.0	27.2





#17
2-Methylphenol
Concen: 34.024 ng
RT: 8.384 min Scan# 917
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

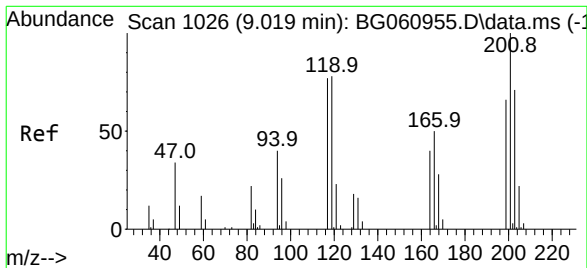
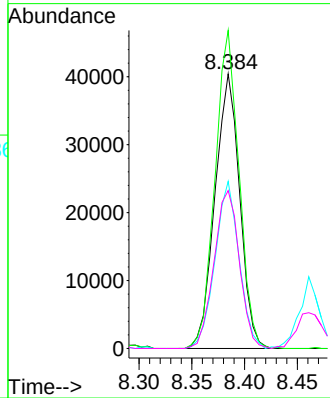
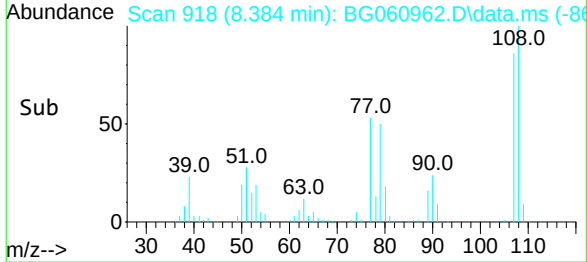
Instrument :
BNA_G
ClientSampleId :
YARD-2MS



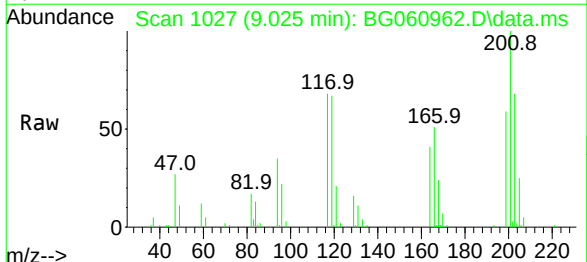
Tgt Ion:	107	Resp:	65824
Ion Ratio	Lower	Upper	
107	100		
108	115.8	88.3	132.5
77	60.8	41.4	62.0
79	57.5	40.8	61.2

Manual Integrations
APPROVED

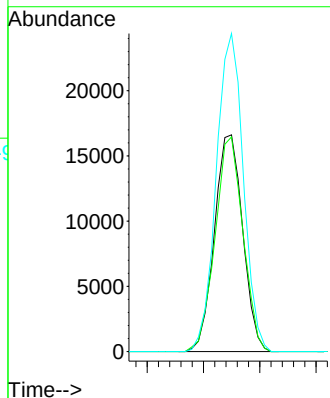
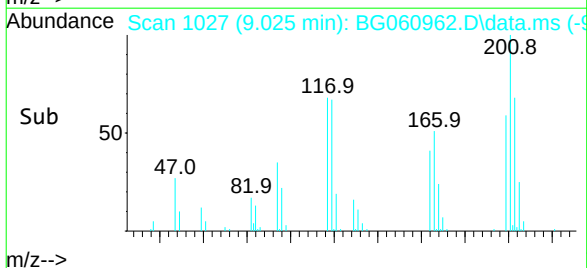
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

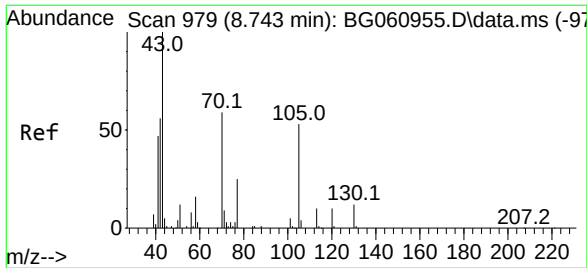


#18
Hexachloroethane
Concen: 38.820 ng
RT: 9.025 min Scan# 1027
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55



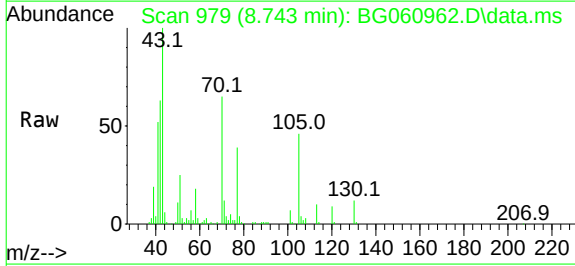
Tgt Ion:	117	Resp:	28929
Ion Ratio	Lower	Upper	
117	100		
119	99.0	73.8	110.6
201	146.8	102.9	154.3





#19
n-Nitroso-di-n-propylamine
Concen: 32.024 ng
RT: 8.743 min Scan# 979
Delta R.T. -0.004 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

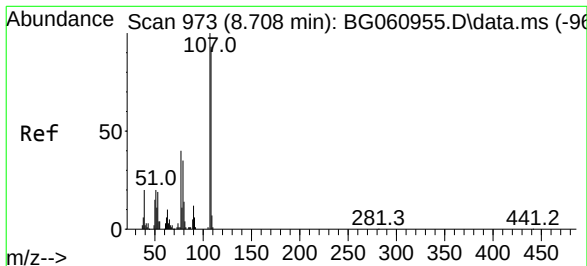
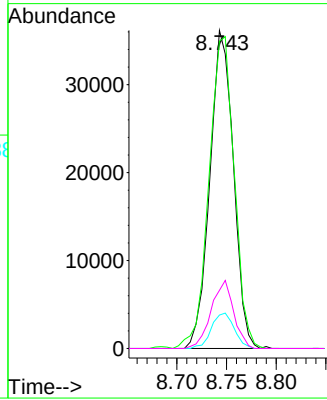
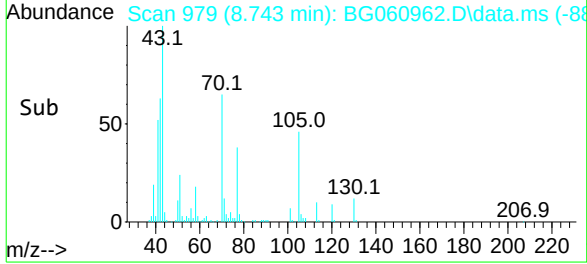
Instrument :
BNA_G
ClientSampleId :
YARD-2MS



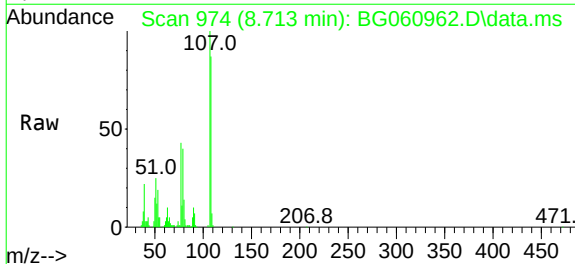
Tgt Ion	Ratio	Lower	Upper
70	100		
42	96.6	70.9	106.3
101	10.5	7.0	10.4
130	18.3	14.2	21.2

Manual Integrations
APPROVED

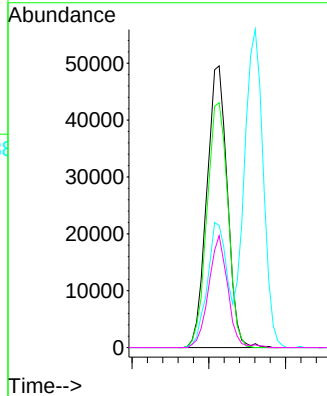
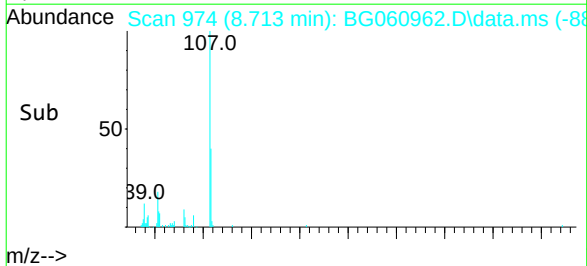
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

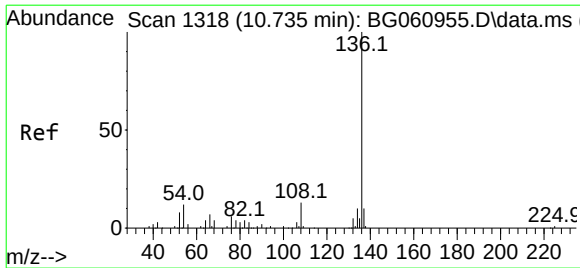


#20
3+4-Methylphenols
Concen: 34.300 ng
RT: 8.713 min Scan# 974
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55



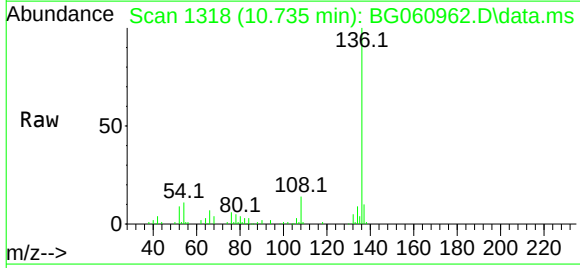
Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.9	69.9	109.9
77	43.4	17.5	57.5
79	39.7	11.0	51.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.735 min Scan# 1318
Delta R.T. -0.004 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

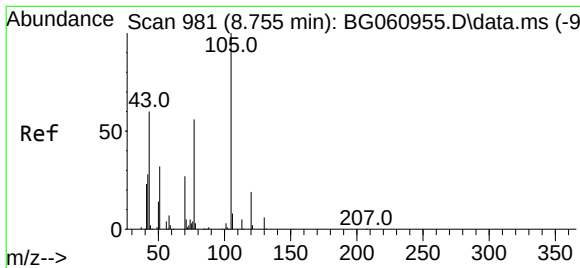
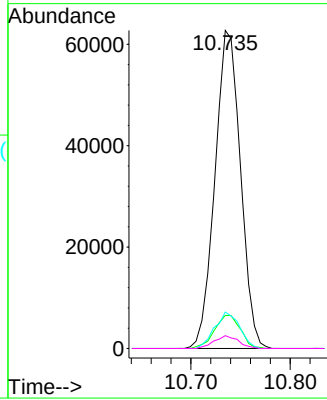
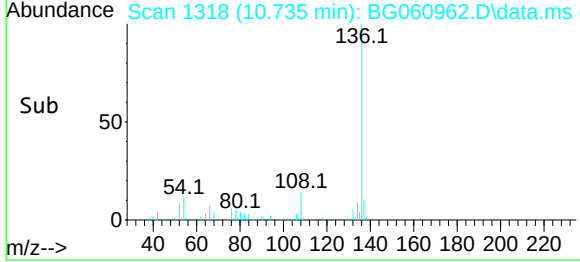
Instrument :
BNA_G
ClientSampleId :
YARD-2MS



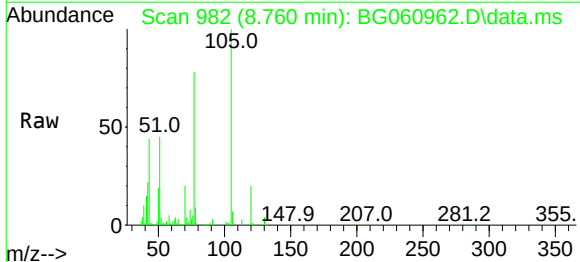
Tgt Ion:	136	Resp:	112100
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	11.5	9.8	14.8
68	4.0	5.0	7.4#

Manual Integrations
APPROVED

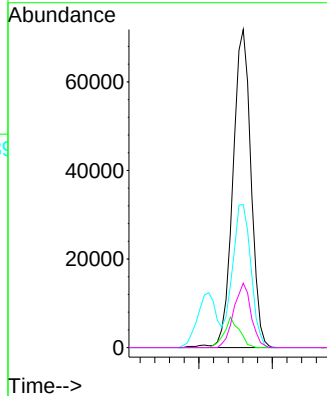
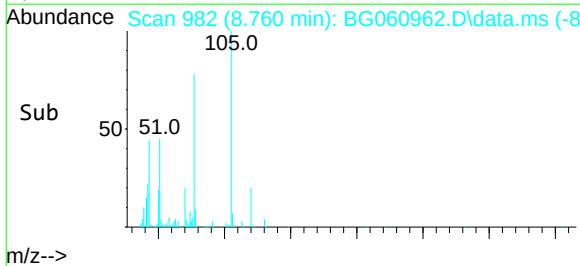
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

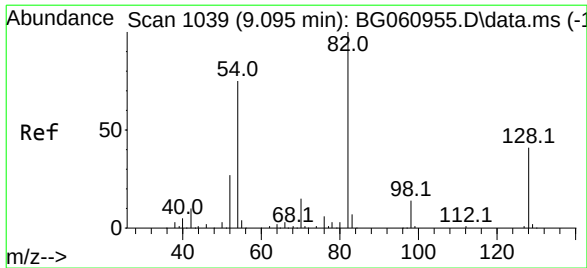


#22
Acetophenone
Concen: 38.442 ng
RT: 8.760 min Scan# 982
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55



Tgt Ion:	105	Resp:	122721
Ion	Ratio	Lower	Upper
105	100		
71	3.6	3.8	5.6#
51	45.0	32.1	48.1
120	20.3	16.1	24.1





#23

Nitrobenzene-d5

Concen: 69.120 ng

RT: 9.095 min Scan# 1039

Delta R.T. -0.004 min

Lab File: BG060962.D

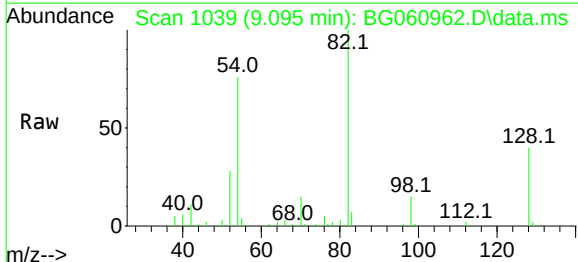
Acq: 19 Apr 2024 16:55

Instrument :

BNA_G

ClientSampleId :

YARD-2MS



Tgt Ion: 82 Resp: 170677

Ion Ratio Lower Upper

82 100

128 39.8 31.4 47.0

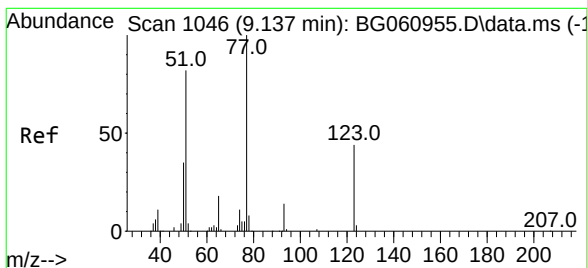
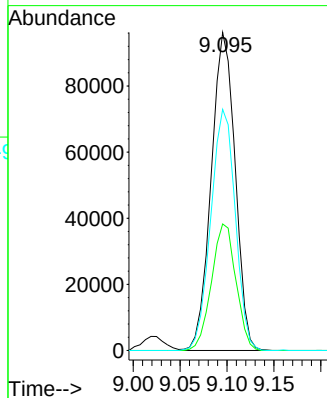
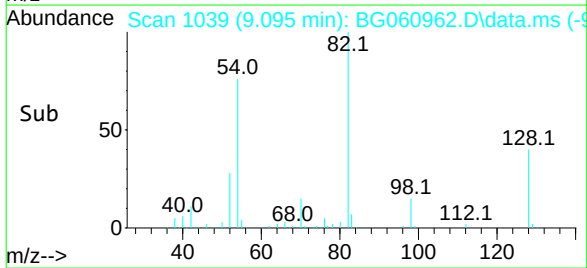
54 75.8 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#24

Nitrobenzene

Concen: 38.353 ng

RT: 9.136 min Scan# 1046

Delta R.T. -0.004 min

Lab File: BG060962.D

Acq: 19 Apr 2024 16:55

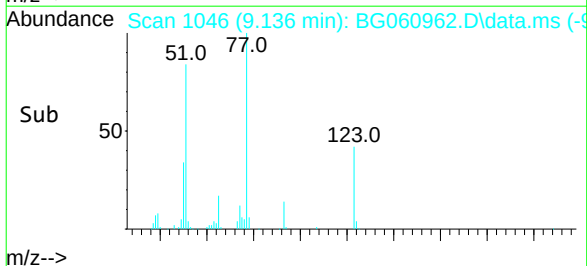
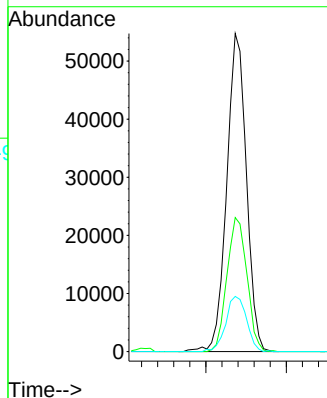
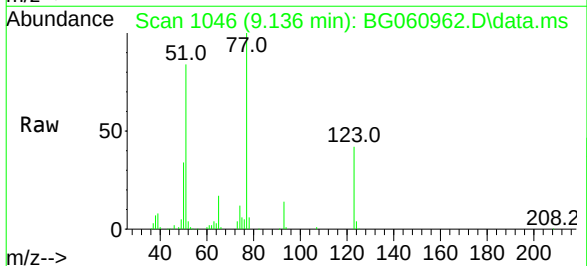
Tgt Ion: 77 Resp: 92944

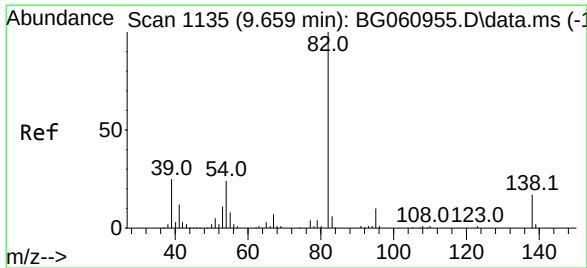
Ion Ratio Lower Upper

77 100

123 42.1 34.8 52.2

65 17.3 12.6 19.0





#25

Isophorone

Concen: 36.751 ng

RT: 9.659 min Scan# 1135

Delta R.T. -0.004 min

Lab File: BG060962.D

Acq: 19 Apr 2024 16:55

Instrument :

BNA_G

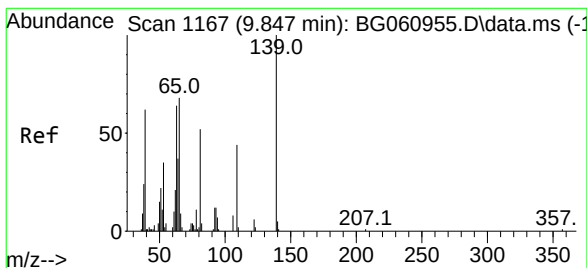
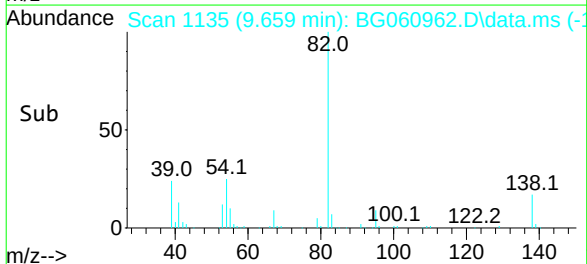
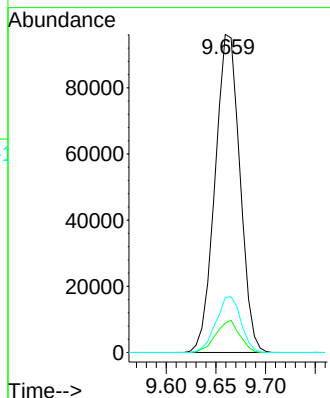
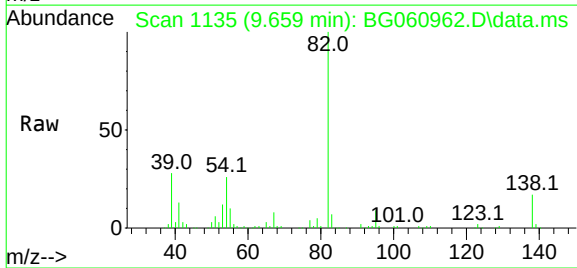
ClientSampleId :

YARD-2MS

Tgt Ion:	82	Resp:	167466
Ion	Ratio	Lower	Upper
82	100		
95	9.2	5.9	8.9#
138	17.3	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: 44.357 ng

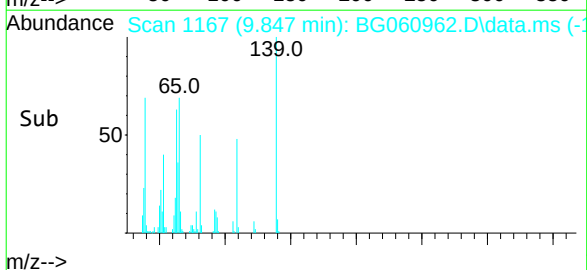
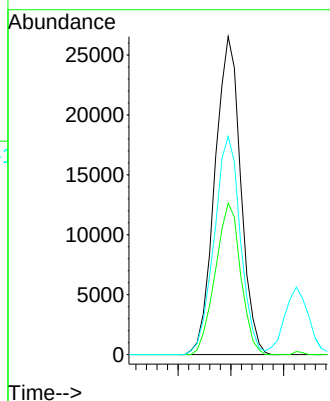
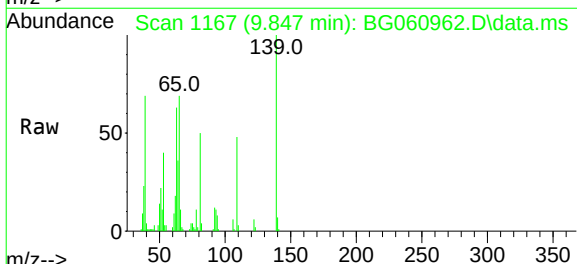
RT: 9.847 min Scan# 1167

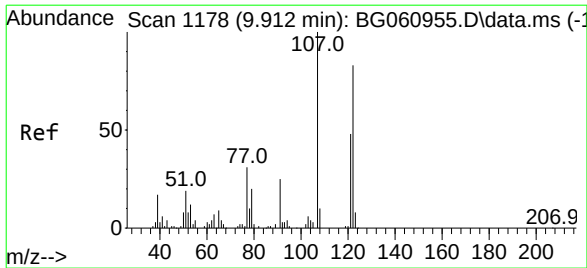
Delta R.T. 0.002 min

Lab File: BG060962.D

Acq: 19 Apr 2024 16:55

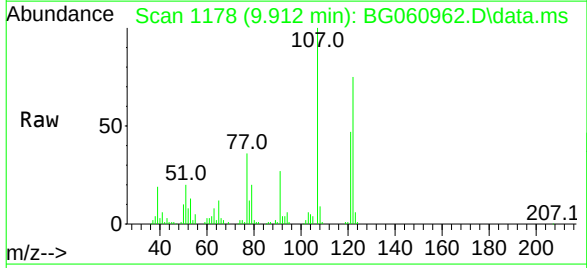
Tgt Ion:	139	Resp:	45159
Ion	Ratio	Lower	Upper
139	100		
109	47.6	26.9	40.3#
65	68.6	51.4	77.2





#27
2,4-Dimethylphenol
Concen: 31.586 ng
RT: 9.912 min Scan# 1178
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

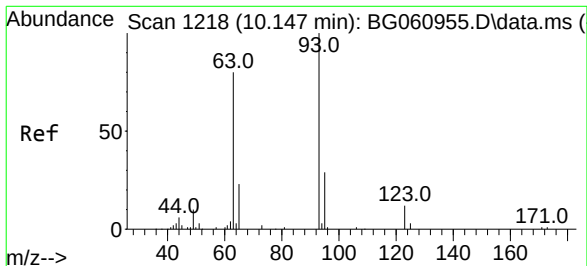
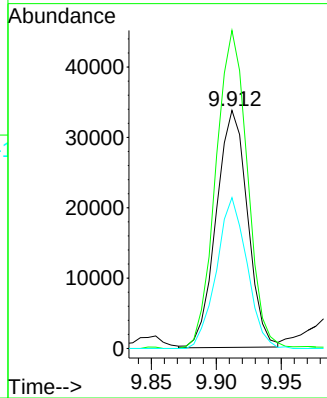
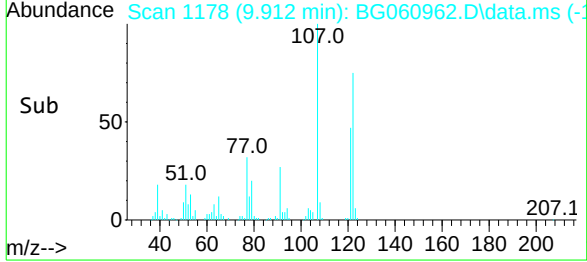
Instrument :
BNA_G
ClientSampleId :
YARD-2MS



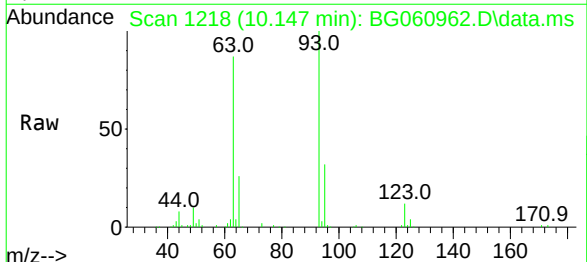
Tgt Ion: 122 Resp: 56657
Ion Ratio Lower Upper
122 100
107 133.6 96.6 144.8
121 63.4 47.0 70.4

Manual Integrations
APPROVED

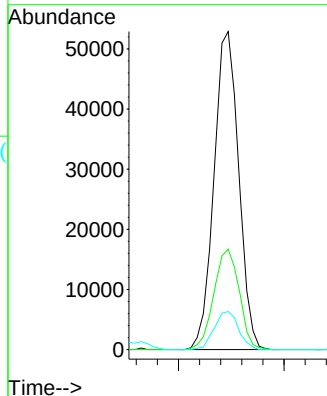
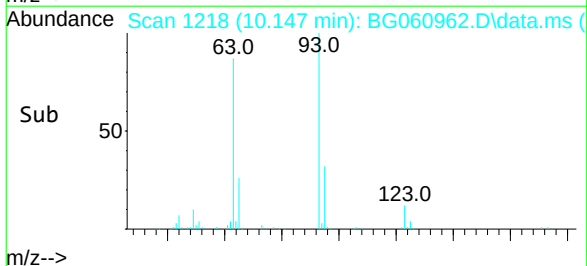
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

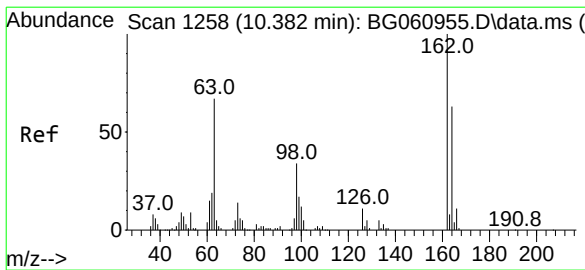


#28
bis(2-Chloroethoxy)methane
Concen: 33.542 ng
RT: 10.147 min Scan# 1218
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55



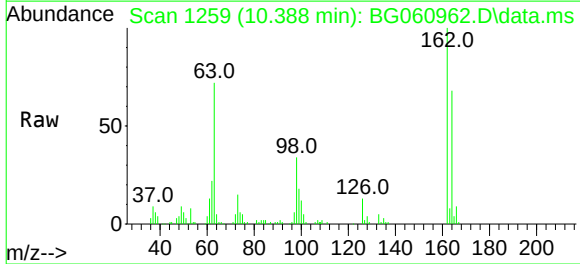
Tgt Ion: 93 Resp: 85944
Ion Ratio Lower Upper
93 100
95 31.6 26.2 39.4
123 12.0 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 43.981 ng
RT: 10.388 min Scan# 1258
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

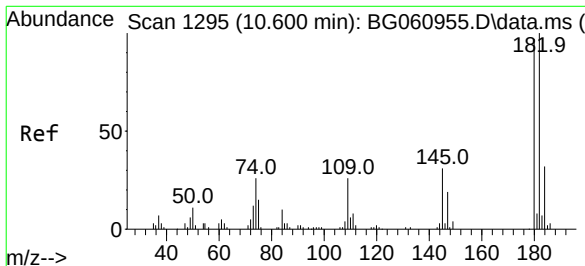
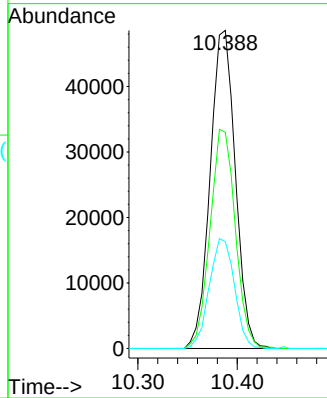
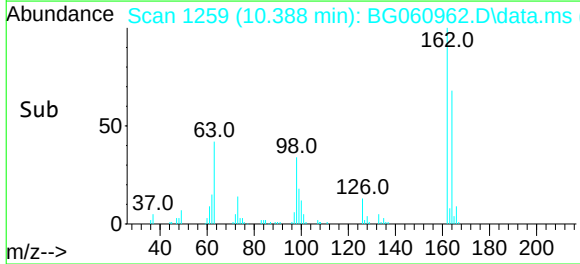
Instrument :
BNA_G
ClientSampleId :
YARD-2MS



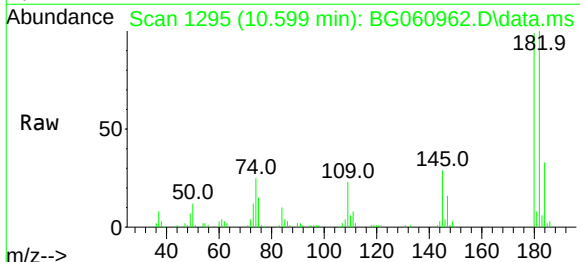
Tgt Ion:162 Resp: 85594
Ion Ratio Lower Upper
162 100
164 68.0 48.1 88.1
98 33.6 16.1 56.1

Manual Integrations
APPROVED

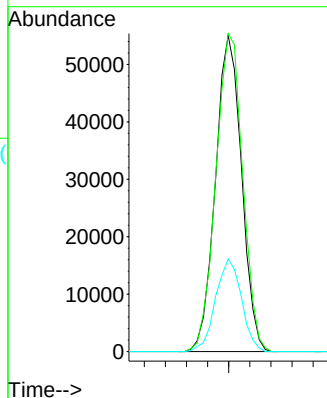
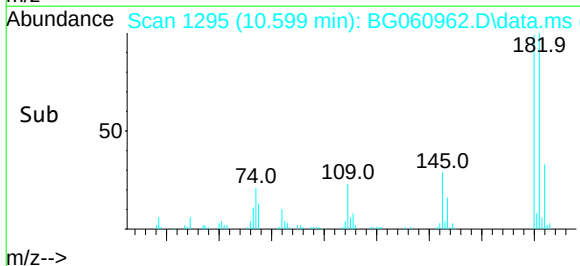
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

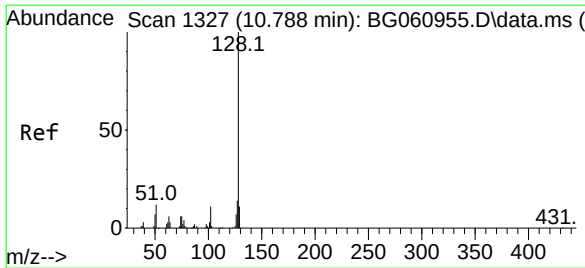


#30
1,2,4-Trichlorobenzene
Concen: 45.327 ng
RT: 10.599 min Scan# 1295
Delta R.T. -0.004 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55



Tgt Ion:180 Resp: 94559
Ion Ratio Lower Upper
180 100
182 100.6 81.0 121.4
145 29.3 24.1 36.1





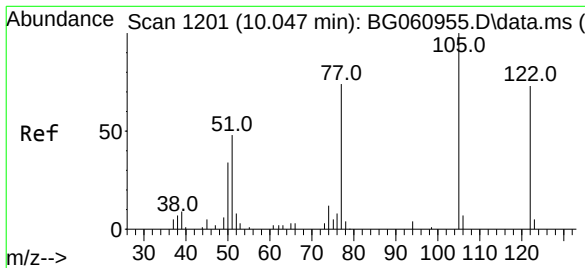
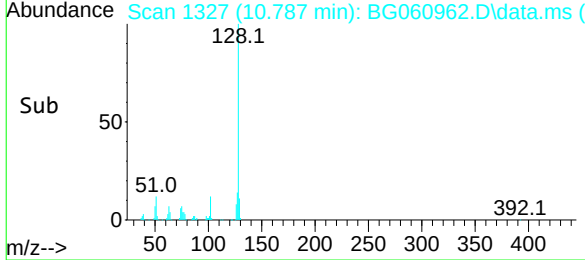
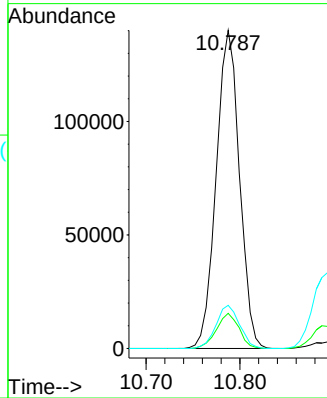
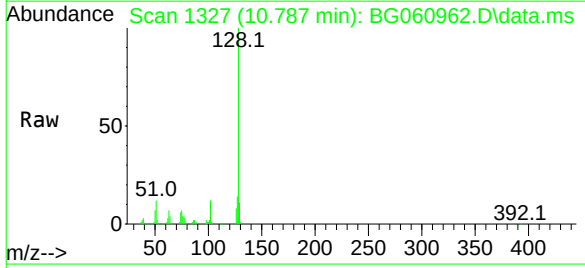
#31
Naphthalene
Concen: 39.818 ng
RT: 10.787 min Scan# 13
Delta R.T. -0.004 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

Instrument :
BNA_G
ClientSampleId :
YARD-2MS

Tgt Ion:128 Resp: 241404
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.6 11.3 16.9

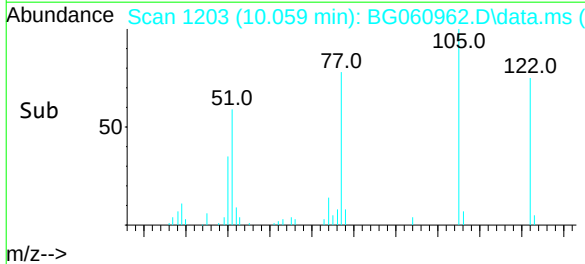
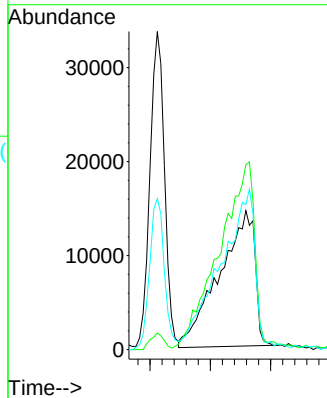
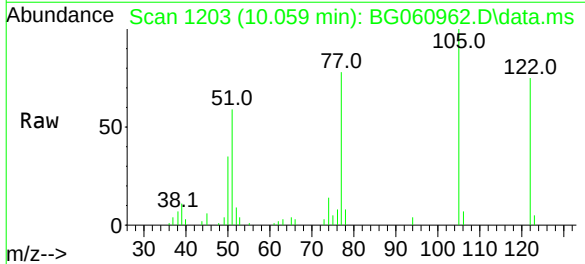
Manual Integrations
APPROVED

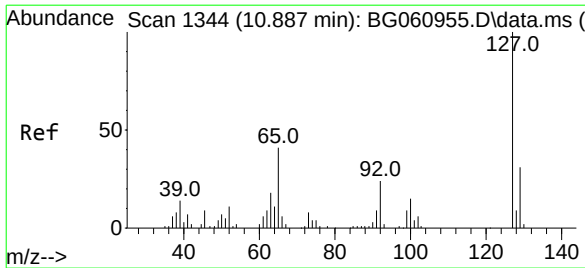
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#32
Benzoic acid
Concen: 40.555 ng
RT: 10.059 min Scan# 1203
Delta R.T. 0.014 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

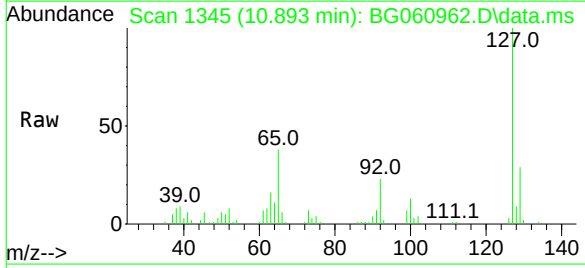
Tgt Ion:122 Resp: 58885
Ion Ratio Lower Upper
122 100
105 133.1 109.8 149.8
77 104.3 84.1 124.1





#33
4-Chloroaniline
Concen: 21.132 ng
RT: 10.893 min Scan# 1344
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

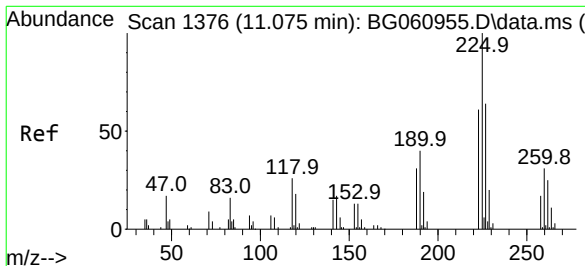
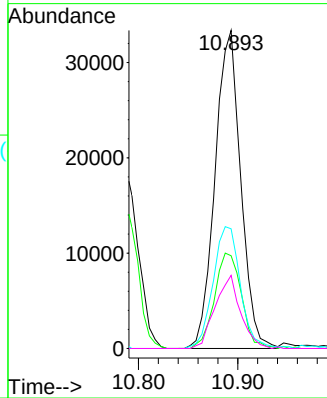
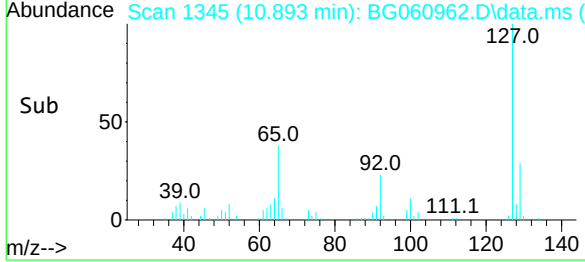
Instrument :
BNA_G
ClientSampleId :
YARD-2MS



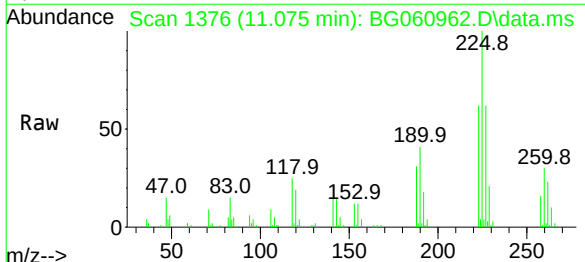
Tgt Ion:127 Resp: 60044
Ion Ratio Lower Upper
127 100
129 29.2 26.8 40.2
65 37.6 32.3 48.5
92 23.0 16.6 24.8

Manual Integrations
APPROVED

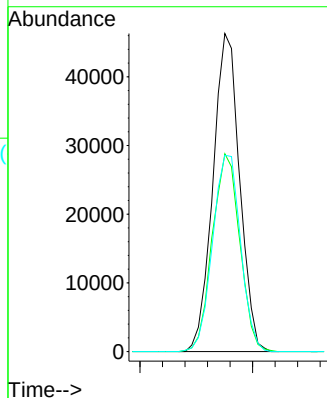
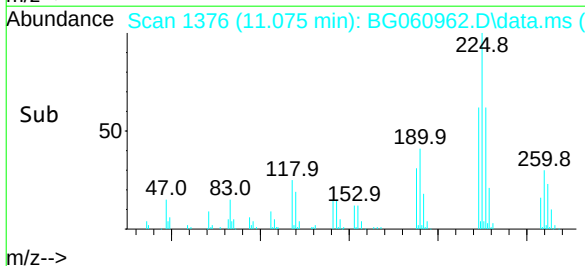
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

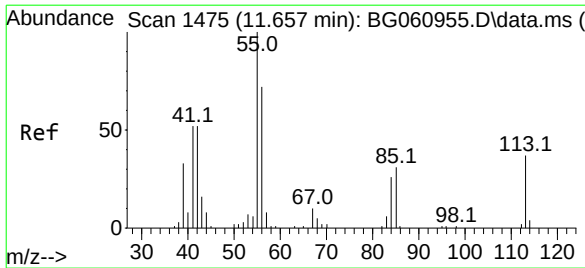


#34
Hexachlorobutadiene
Concen: 51.446 ng
RT: 11.075 min Scan# 1376
Delta R.T. -0.004 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55



Tgt Ion:225 Resp: 76296
Ion Ratio Lower Upper
225 100
223 62.2 50.2 75.2
227 61.7 51.7 77.5





#35

Caprolactam

Concen: 36.399 ng m

RT: 11.663 min Scan# 14

Delta R.T. 0.002 min

Lab File: BG060962.D

Acq: 19 Apr 2024 16:55

Instrument :

BNA_G

ClientSampleId :

YARD-2MS

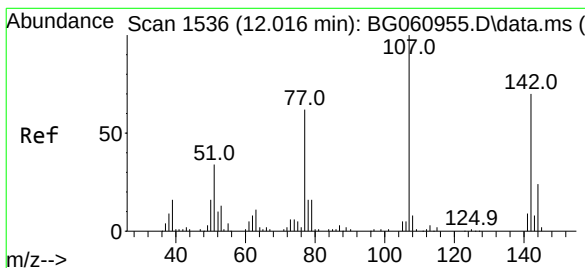
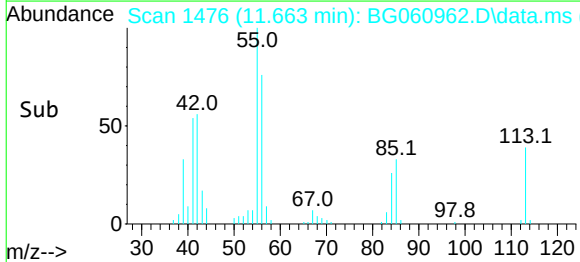
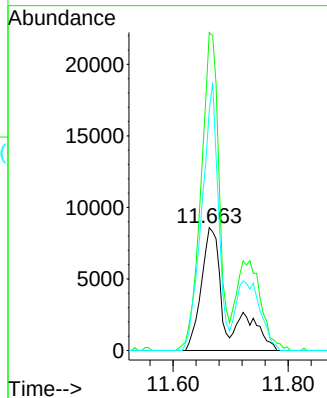
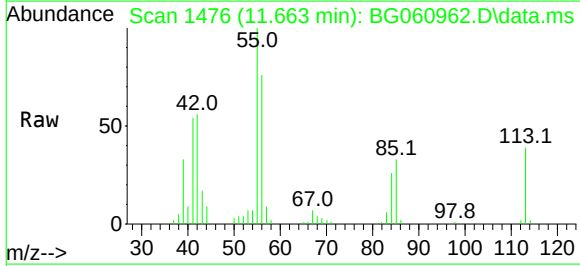
Tgt Ion:113 Resp: 26137
 Ion Ratio Lower Upper
 113 100
 55 259.0 262.6 302.6#
 56 195.7 177.0 217.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#36

4-Chloro-3-methylphenol

Concen: 39.513 ng

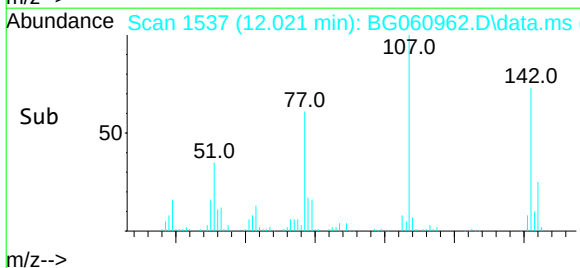
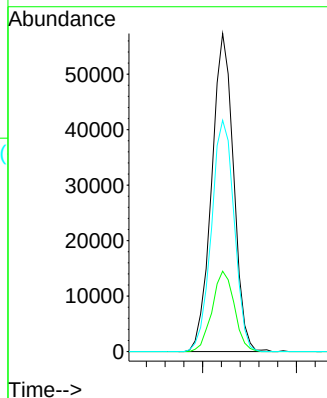
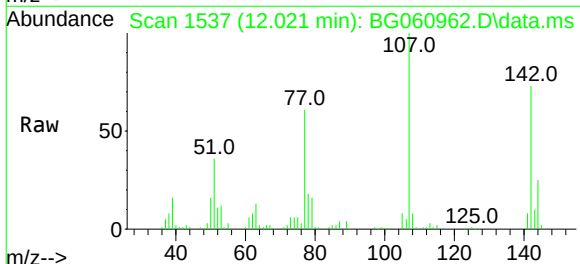
RT: 12.021 min Scan# 1537

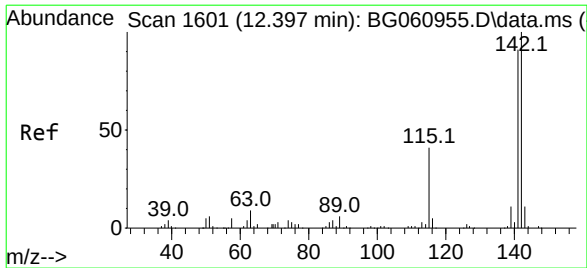
Delta R.T. 0.002 min

Lab File: BG060962.D

Acq: 19 Apr 2024 16:55

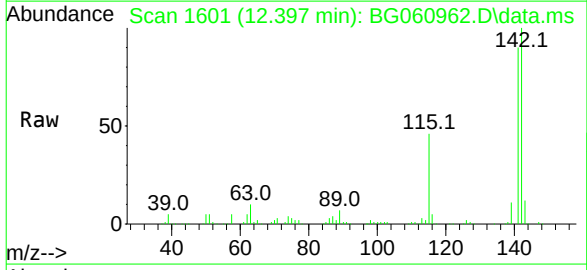
Tgt Ion:107 Resp: 92943
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.7 29.5
 142 72.7 58.2 87.2





#37
2-Methylnaphthalene
Concen: 40.178 ng
RT: 12.397 min Scan# 1601
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

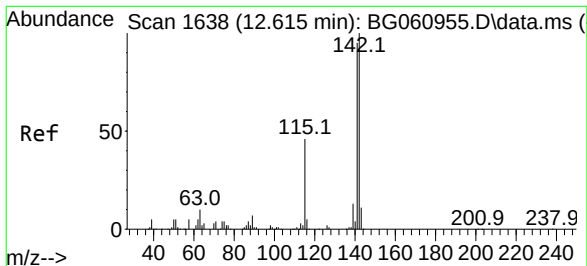
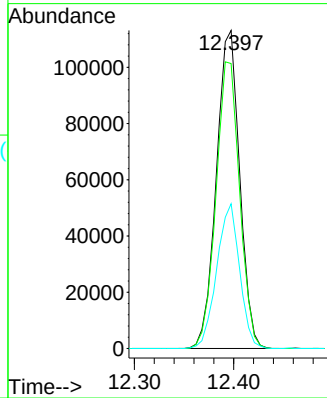
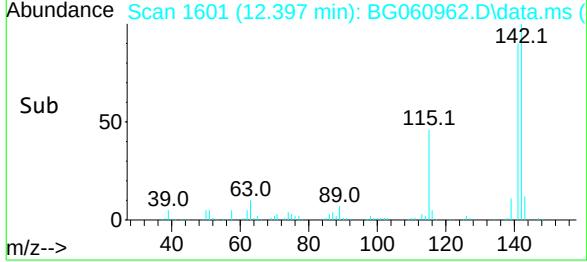
Instrument :
BNA_G
ClientSampleId :
YARD-2MS



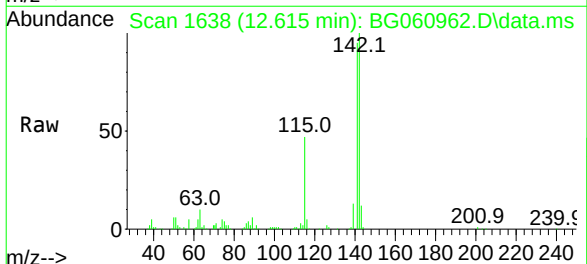
Tgt Ion:142 Resp: 184272
Ion Ratio Lower Upper
142 100
141 89.6 71.7 107.5
115 45.5 30.6 45.8

Manual Integrations
APPROVED

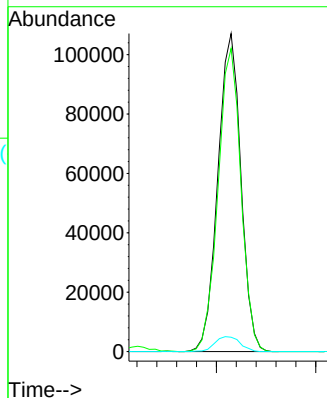
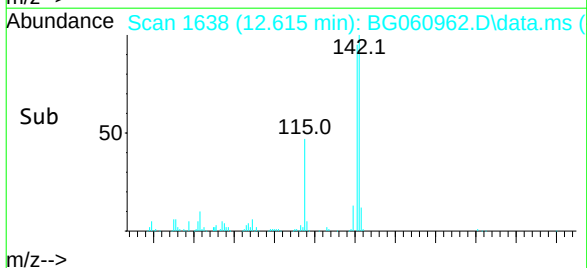
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

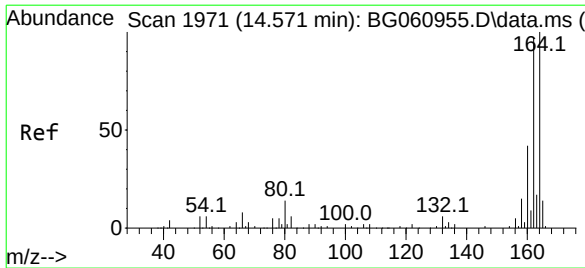


#38
1-Methylnaphthalene
Concen: 39.767 ng
RT: 12.615 min Scan# 1638
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55



Tgt Ion:142 Resp: 172185
Ion Ratio Lower Upper
142 100
141 95.3 75.1 112.7
116 4.5 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.571 min Scan# 1971

Delta R.T. 0.002 min

Lab File: BG060962.D

Acq: 19 Apr 2024 16:55

Instrument :

BNA_G

ClientSampleId :

YARD-2MS

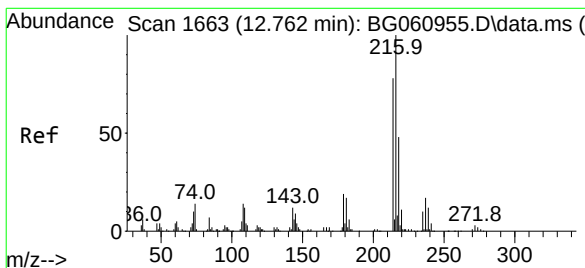
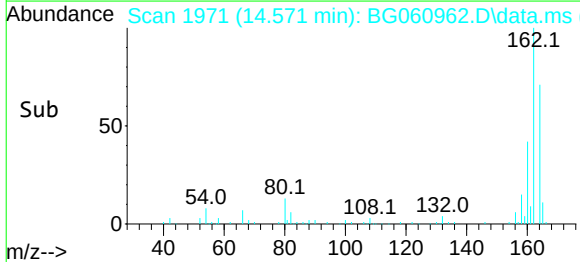
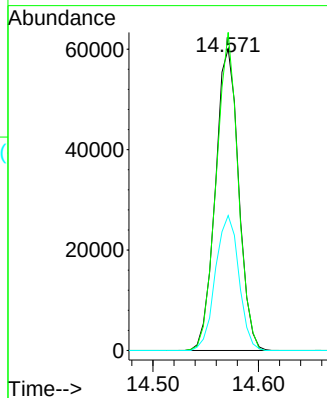
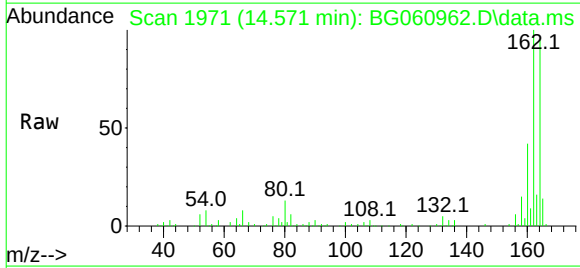
Tgt Ion:	164	Resp:	92273
Ion Ratio	Lower	Upper	
164	100		
162	105.4	84.1	126.1
160	44.7	35.9	53.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.189 ng

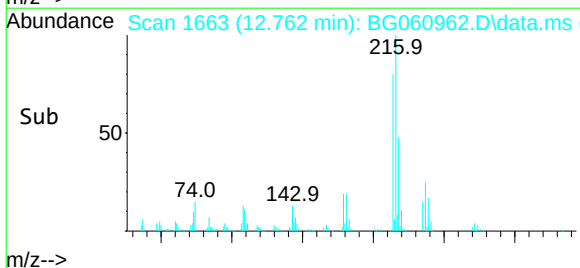
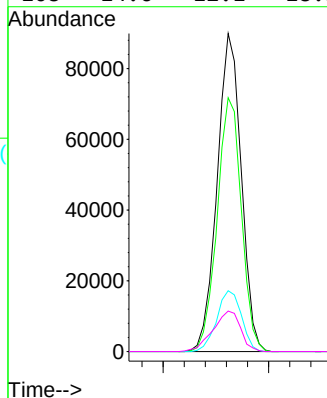
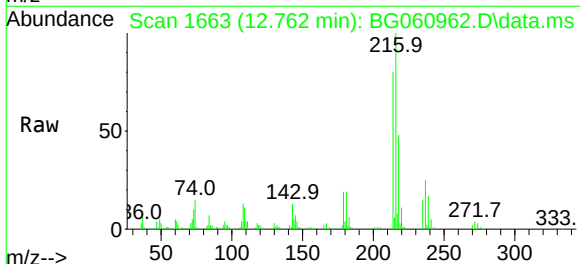
RT: 12.762 min Scan# 1663

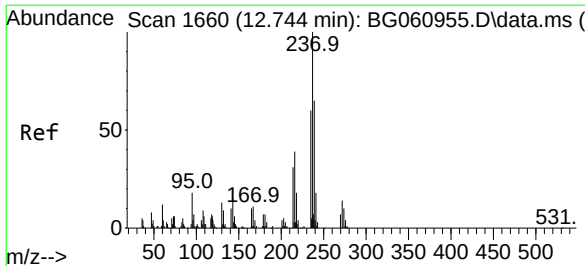
Delta R.T. -0.004 min

Lab File: BG060962.D

Acq: 19 Apr 2024 16:55

Tgt Ion:	216	Resp:	142906
Ion Ratio	Lower	Upper	
216	100		
214	80.0	62.8	94.2
179	19.6	15.2	22.8
108	14.6	12.1	18.1





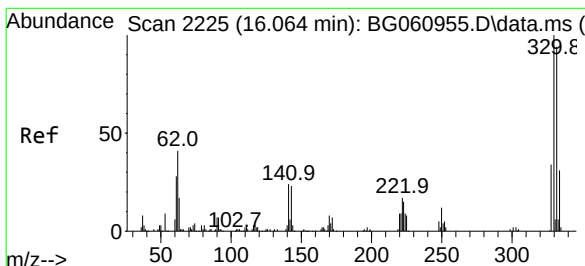
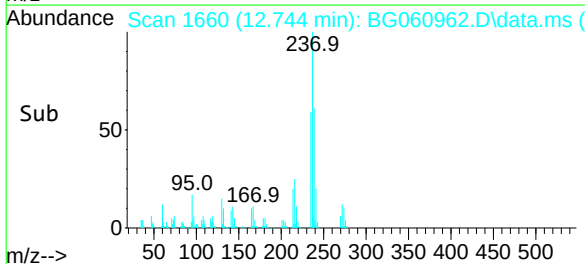
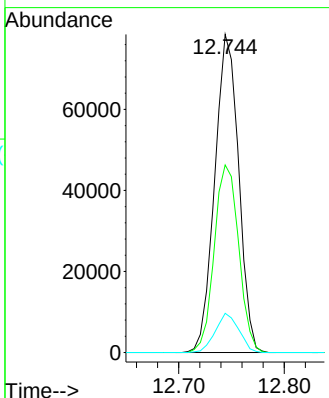
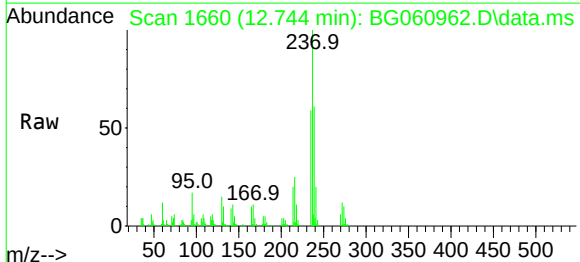
#41
Hexachlorocyclopentadiene
Concen: 84.922 ng
RT: 12.744 min Scan# 1660
Delta R.T. -0.004 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

Instrument :
BNA_G
ClientSampleId :
YARD-2MS

Tgt Ion	Ratio	Lower	Upper
237	100		
235	59.0	41.8	81.8
272	12.3	0.0	32.2

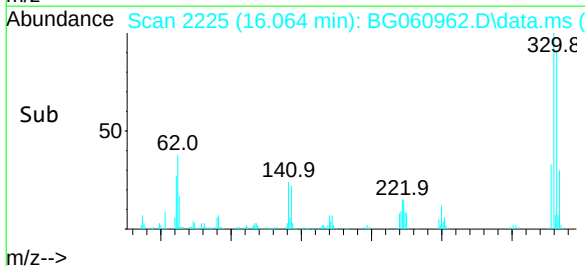
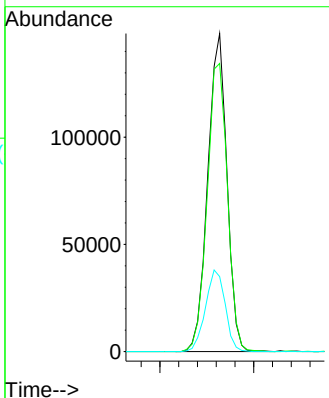
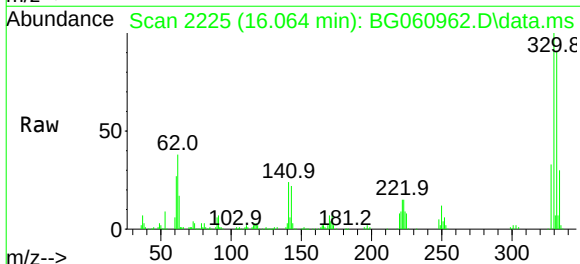
Manual Integrations
APPROVED

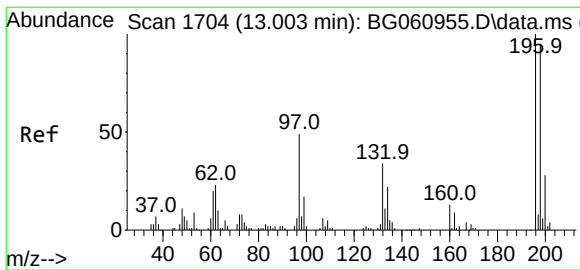
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#42
2,4,6-Tribromophenol
Concen: 138.166 ng
RT: 16.064 min Scan# 2225
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

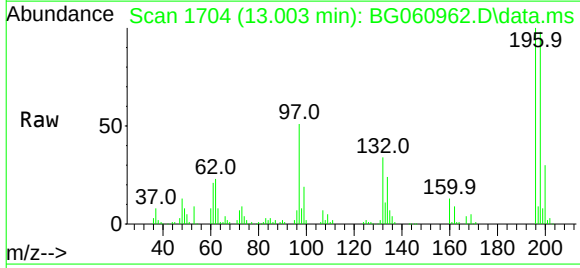
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	26.3	23.7	35.5





#43
2,4,6-Trichlorophenol
Concen: 46.827 ng
RT: 13.003 min Scan# 1716
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

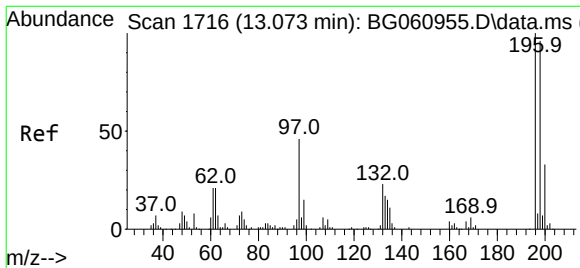
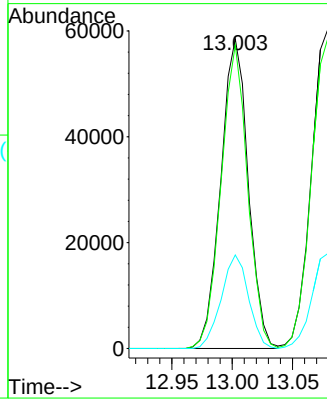
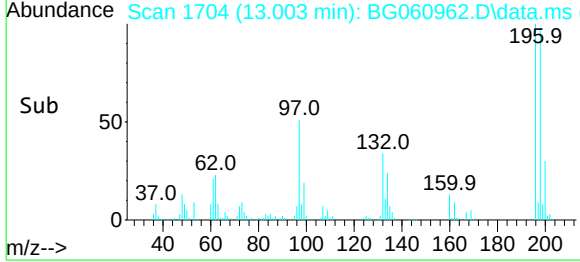
Instrument :
BNA_G
ClientSampleId :
YARD-2MS



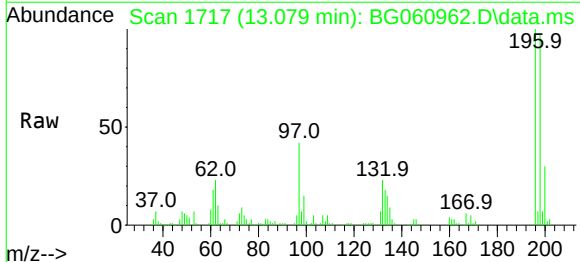
Tgt Ion:196 Resp: 92718
Ion Ratio Lower Upper
196 100
198 98.0 77.9 116.9
200 30.2 24.3 36.5

Manual Integrations
APPROVED

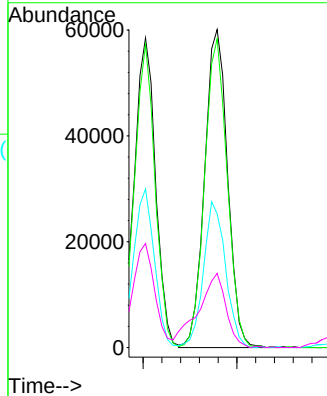
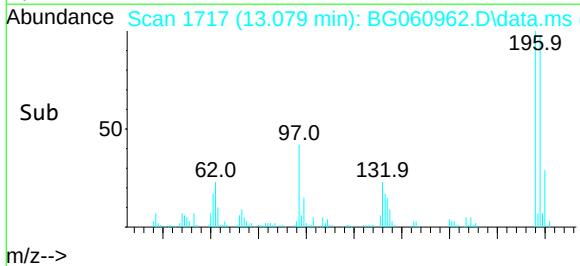
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

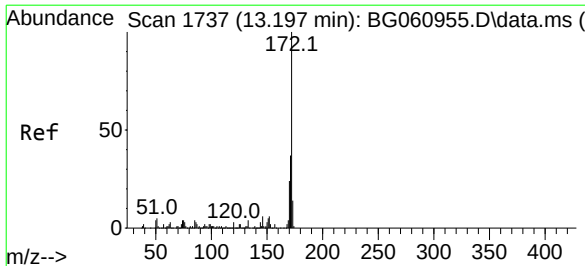


#44
2,4,5-Trichlorophenol
Concen: 42.786 ng
RT: 13.079 min Scan# 1717
Delta R.T. 0.008 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55



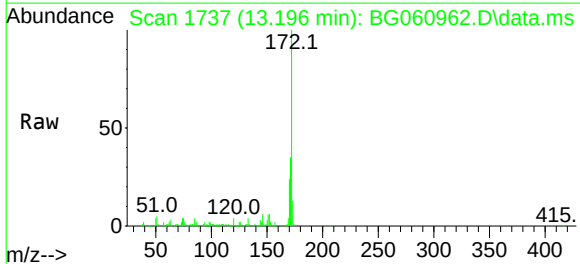
Tgt Ion:196 Resp: 102166
Ion Ratio Lower Upper
196 100
198 97.1 78.2 117.4
97 42.1 35.9 53.9
132 23.3 17.8 26.6





#45
2-Fluorobiphenyl
Concen: 74.844 ng
RT: 13.196 min Scan# 1737
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

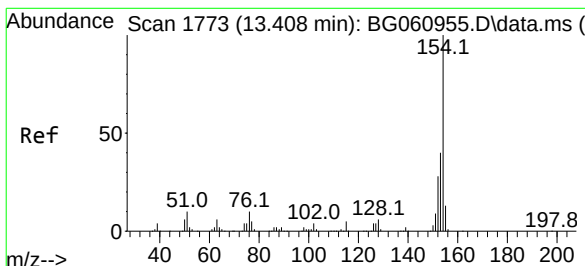
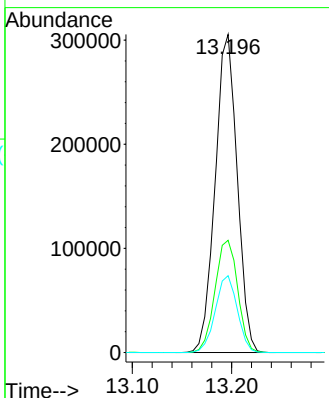
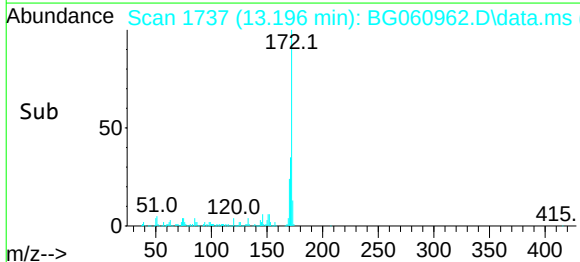
Instrument :
BNA_G
ClientSampleId :
YARD-2MS



Tgt Ion:172 Resp: 470617
Ion Ratio Lower Upper
172 100
171 35.3 29.3 43.9
170 24.1 19.5 29.3

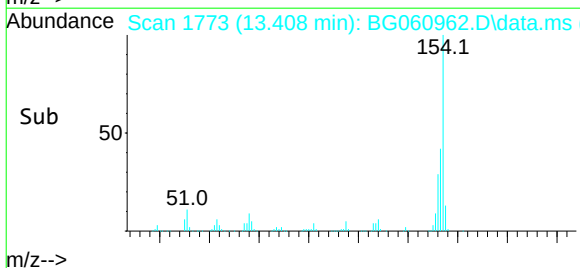
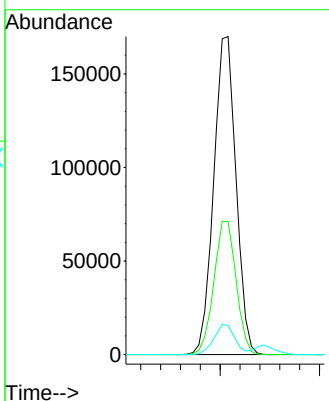
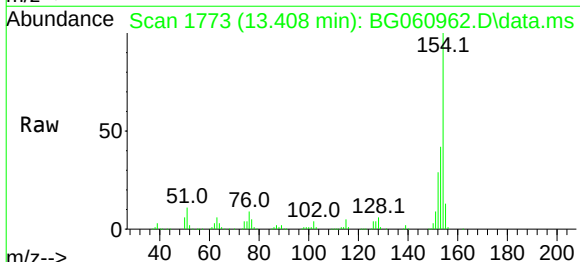
Manual Integrations
APPROVED

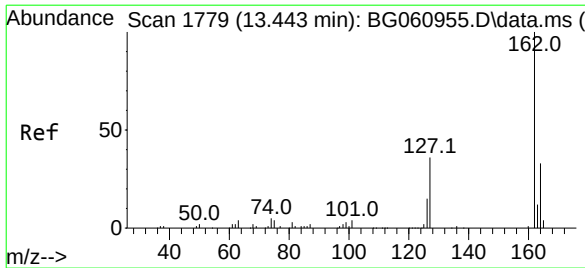
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#46
1,1'-Biphenyl
Concen: 42.163 ng
RT: 13.408 min Scan# 1773
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

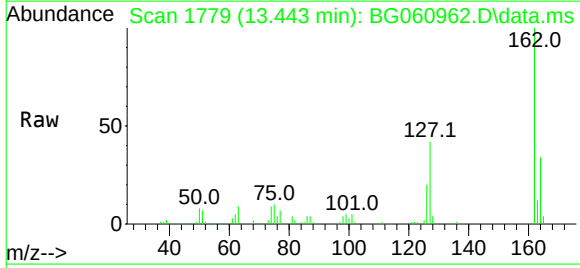
Tgt Ion:154 Resp: 264535
Ion Ratio Lower Upper
154 100
153 41.9 19.9 59.9
76 9.2 0.0 32.7





#47
2-Chloronaphthalene
Concen: 43.450 ng
RT: 13.443 min Scan# 1779
Delta R.T. -0.004 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

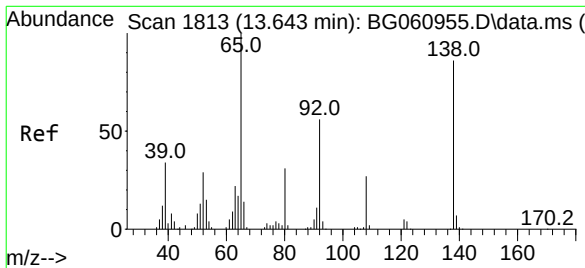
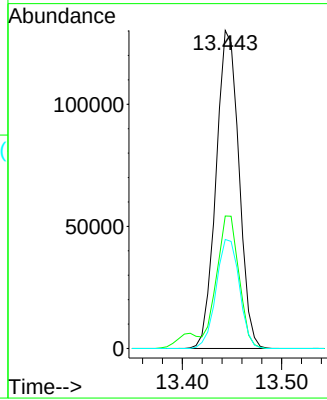
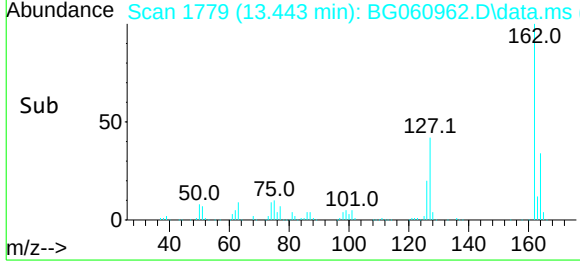
Instrument : BNA_G
ClientSampleId : YARD-2MS



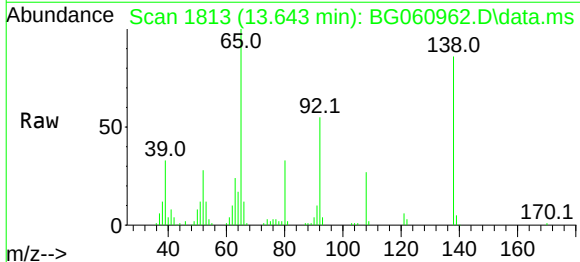
Tgt Ion:	162	Resp:	208646
Ion	Ratio	Lower	Upper
162	100		
127	41.7	31.0	46.6
164	34.3	27.2	40.8

Manual Integrations
APPROVED

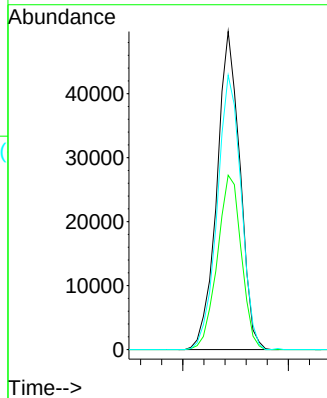
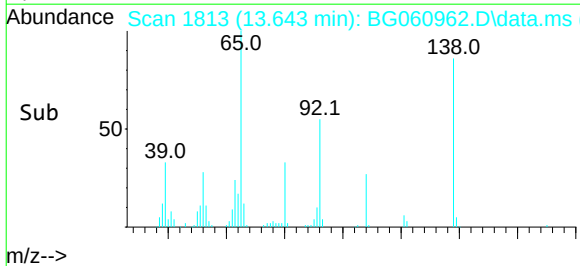
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

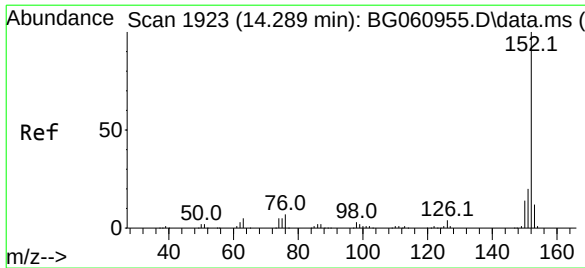


#48
2-Nitroaniline
Concen: 38.439 ng
RT: 13.643 min Scan# 1813
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55



Tgt Ion:	65	Resp:	75744
Ion	Ratio	Lower	Upper
65	100		
92	54.8	46.5	69.7
138	86.3	71.8	107.8





#49

Acenaphthylene

Concen: 43.433 ng

RT: 14.295 min Scan# 19

Delta R.T. 0.002 min

Lab File: BG060962.D

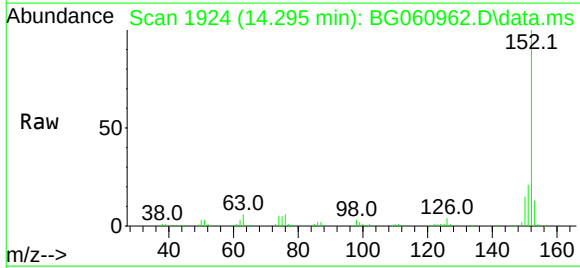
Acq: 19 Apr 2024 16:55

Instrument :

BNA_G

ClientSampleId :

YARD-2MS



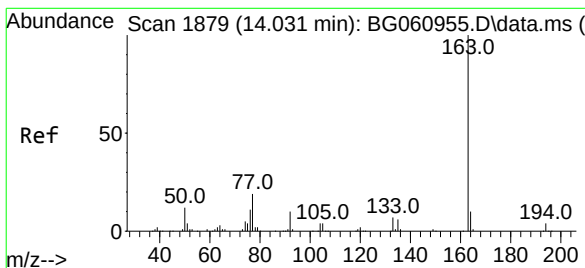
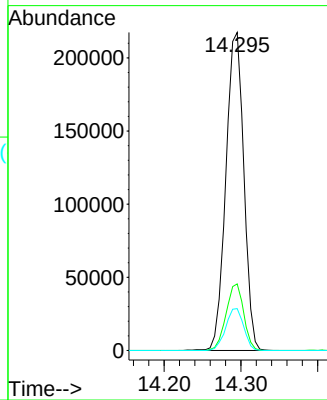
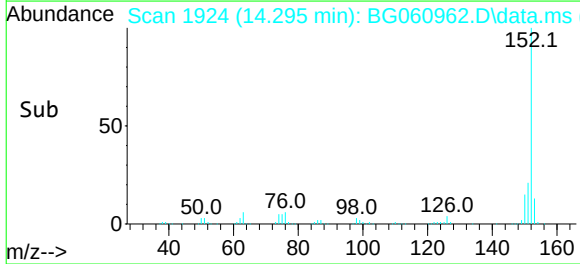
Tgt Ion:	152	Resp:	352671
Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	13.2	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#50

Dimethylphthalate

Concen: 39.668 ng

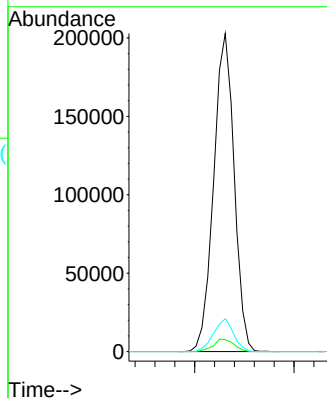
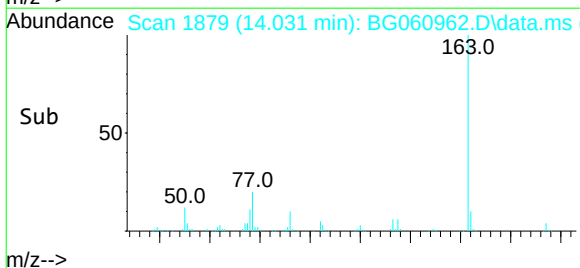
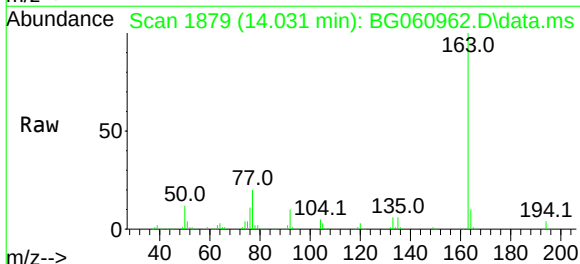
RT: 14.031 min Scan# 1879

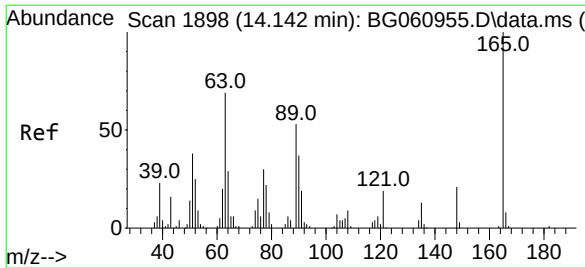
Delta R.T. 0.002 min

Lab File: BG060962.D

Acq: 19 Apr 2024 16:55

Tgt Ion:	163	Resp:	290460
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.3	8.2	12.2





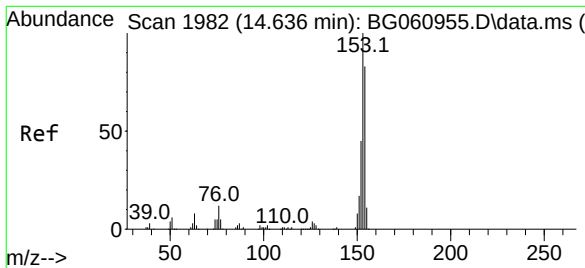
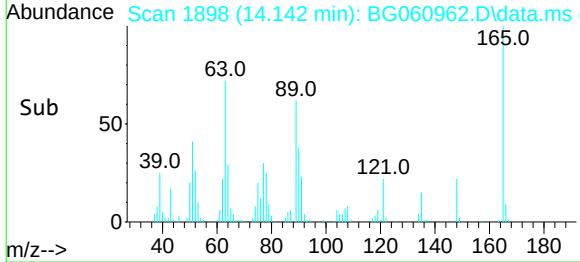
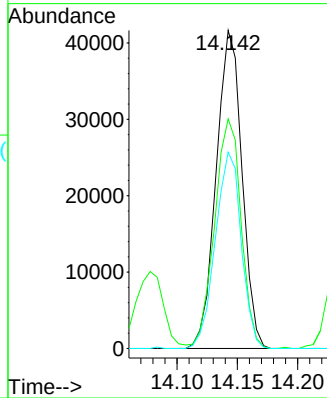
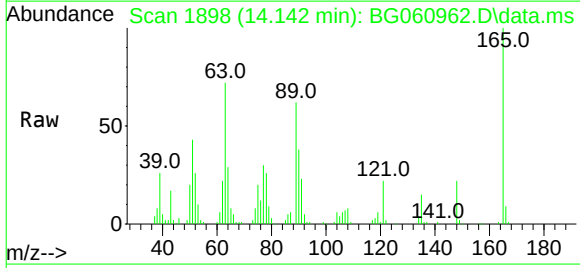
#51
2,6-Dinitrotoluene
Concen: 41.523 ng
RT: 14.142 min Scan# 1898
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

Instrument :
BNA_G
ClientSampleId :
YARD-2MS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	72.2	53.8	80.8
89	61.7	48.2	72.4

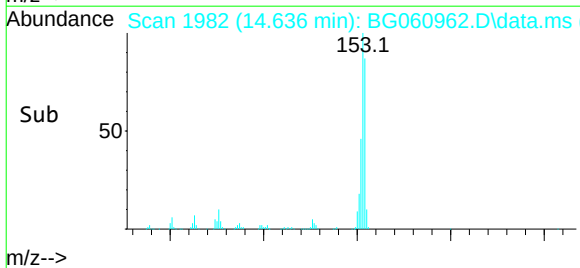
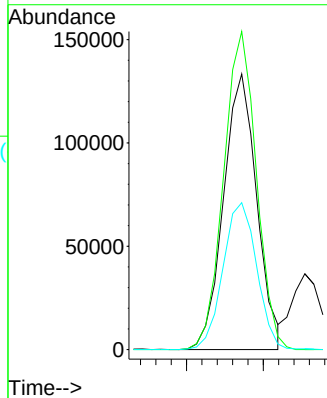
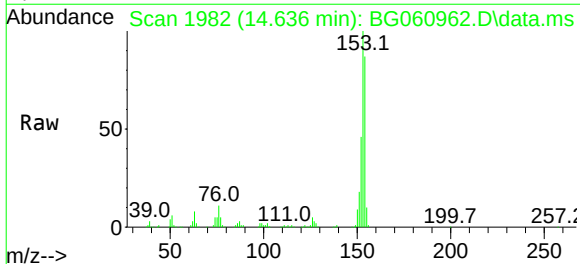
Manual Integrations
APPROVED

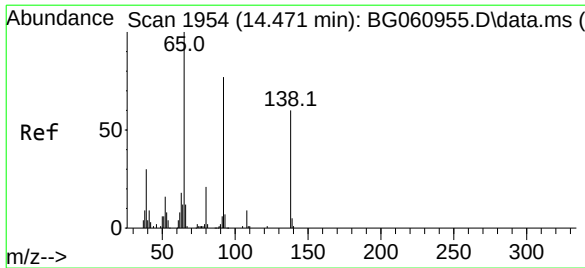
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#52
Acenaphthene
Concen: 40.764 ng
RT: 14.636 min Scan# 1982
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.4	91.4	137.0
152	53.3	44.1	66.1





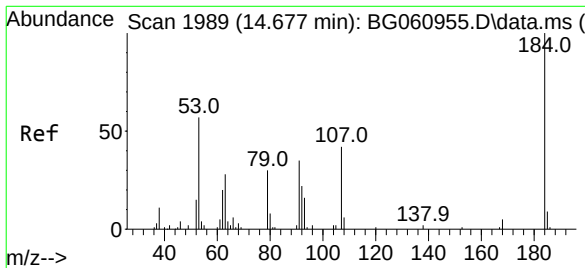
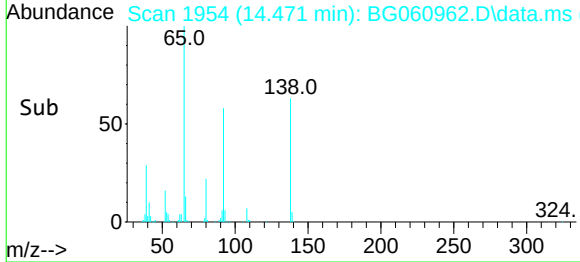
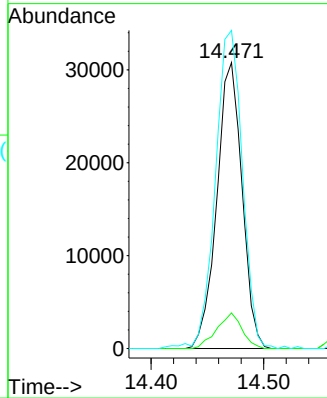
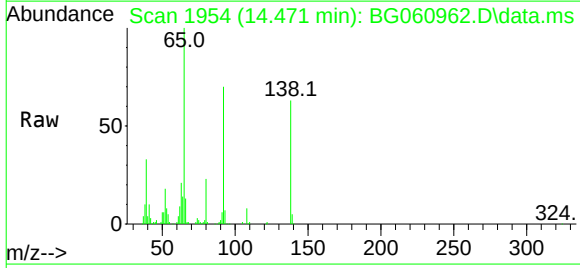
#53
3-Nitroaniline
Concen: 29.220 ng
RT: 14.471 min Scan# 1954
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

Instrument :
BNA_G
ClientSampleId :
YARD-2MS

Tgt Ion:138 Resp: 47869
Ion Ratio Lower Upper
138 100
108 12.4 7.5 11.3#
92 111.3 92.5 138.7

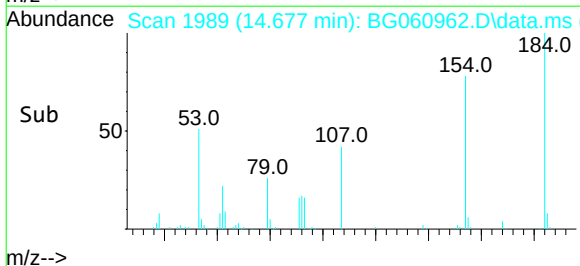
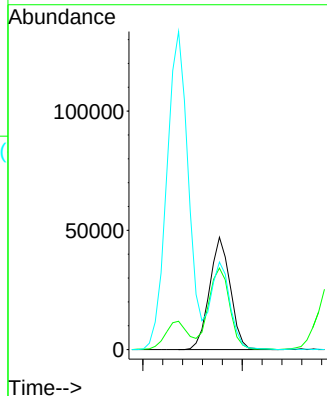
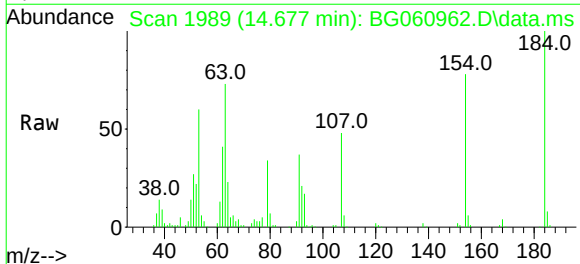
Manual Integrations
APPROVED

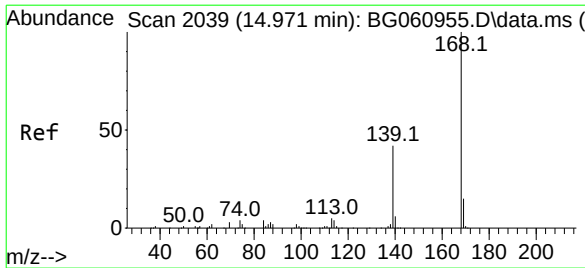
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#54
2,4-Dinitrophenol
Concen: 72.436 ng
RT: 14.677 min Scan# 1989
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

Tgt Ion:184 Resp: 68535
Ion Ratio Lower Upper
184 100
63 72.6 52.0 78.0
154 77.9 50.7 76.1#





#55

Dibenzenofuran

Concen: 40.740 ng

RT: 14.971 min Scan# 2039

Delta R.T. 0.002 min

Lab File: BG060962.D

Acq: 19 Apr 2024 16:55

Instrument :

BNA_G

ClientSampleId :

YARD-2MS

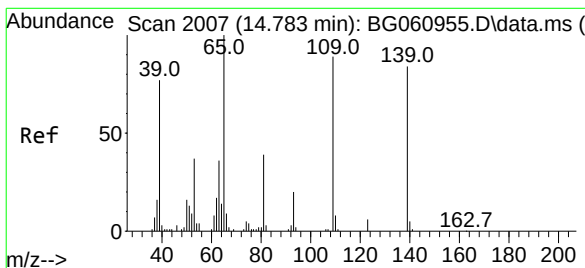
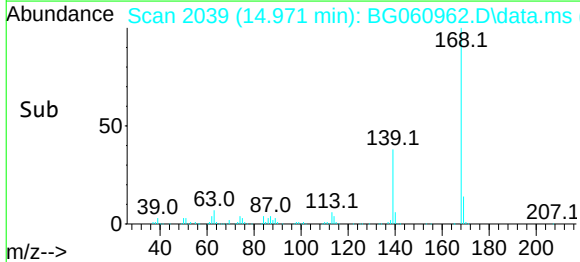
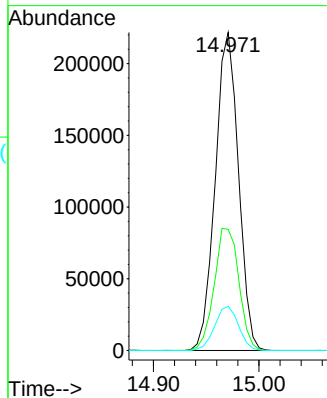
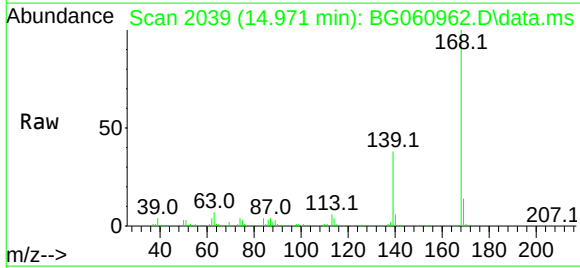
Tgt Ion:	168	Resp:	338906
Ion	Ratio	Lower	Upper
168	100		
139	38.1	29.9	44.9
169	13.9	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#56

4-Nitrophenol

Concen: 75.913 ng

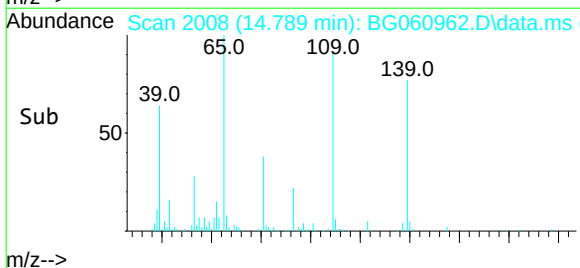
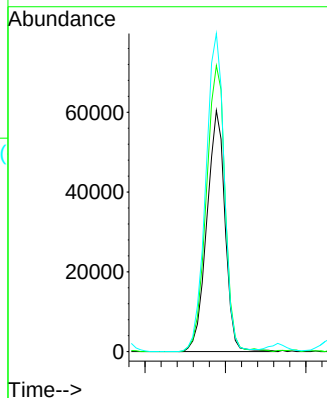
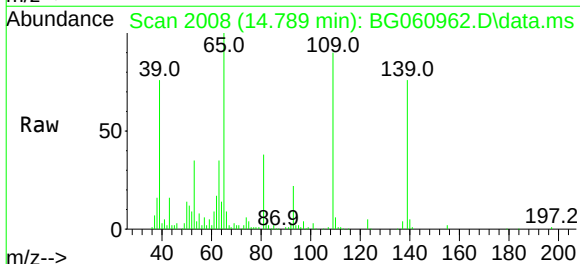
RT: 14.789 min Scan# 2008

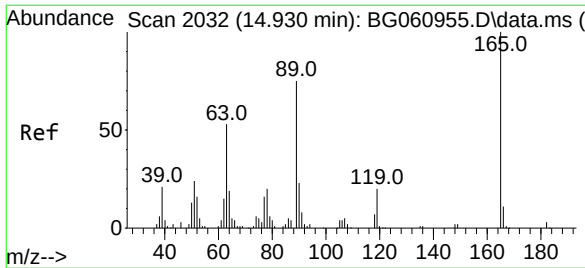
Delta R.T. 0.008 min

Lab File: BG060962.D

Acq: 19 Apr 2024 16:55

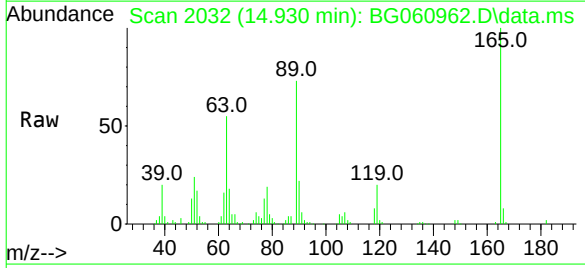
Tgt Ion:	139	Resp:	95218
Ion	Ratio	Lower	Upper
139	100		
109	118.6	69.7	109.7#
65	131.9	103.7	143.7





#57
2,4-Dinitrotoluene
Concen: 42.593 ng
RT: 14.930 min Scan# 2032
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

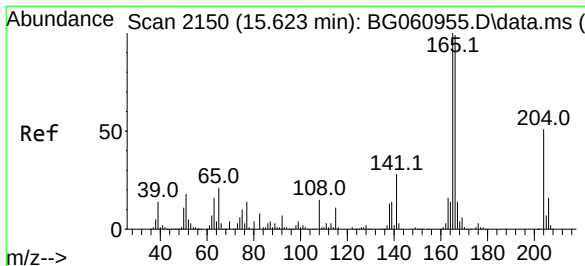
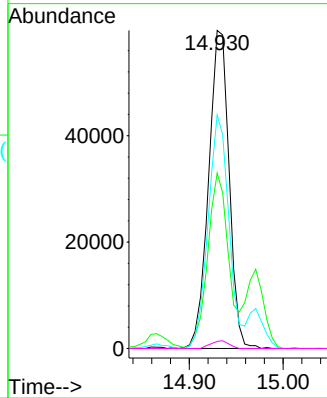
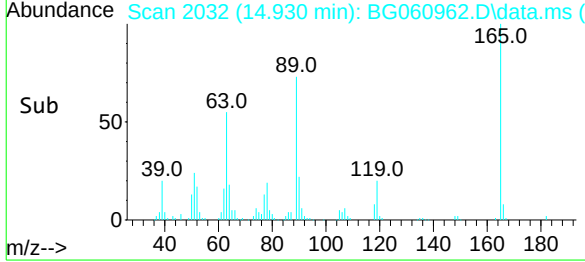
Instrument :
BNA_G
ClientSampleId :
YARD-2MS



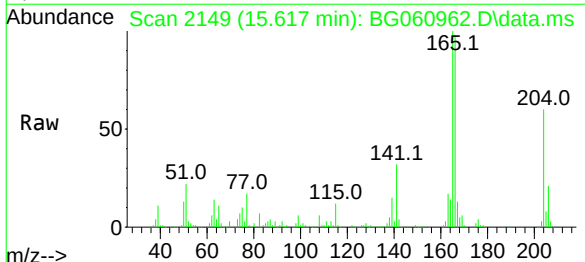
Tgt Ion:	165	Resp:	90834
Ion Ratio	Lower	Upper	
165	100		
63	55.2	40.2	60.2
89	73.5	59.0	88.4
182	2.2	2.1	3.1

Manual Integrations
APPROVED

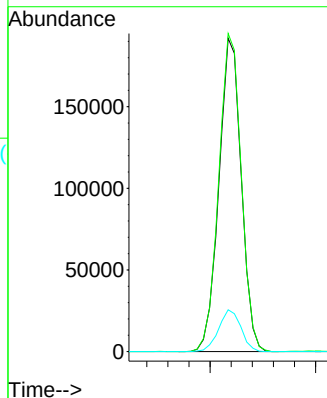
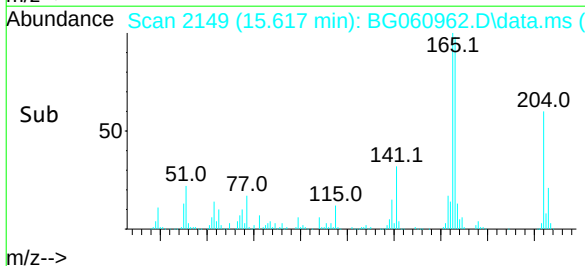
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

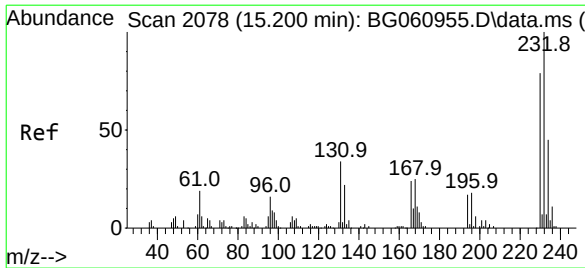


#58
Fluorene
Concen: 40.847 ng
RT: 15.617 min Scan# 2149
Delta R.T. -0.004 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55



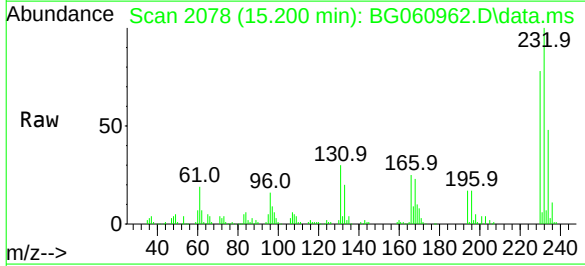
Tgt Ion:	166	Resp:	281859
Ion Ratio	Lower	Upper	
166	100		
165	101.5	80.2	120.4
167	13.4	10.4	15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.833 ng
RT: 15.200 min Scan# 2078
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

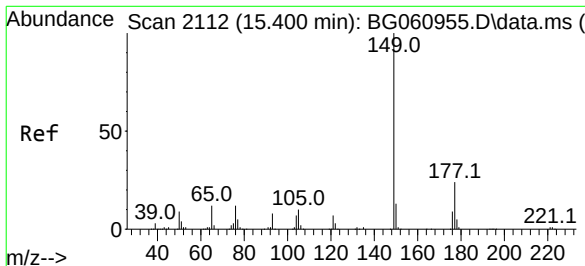
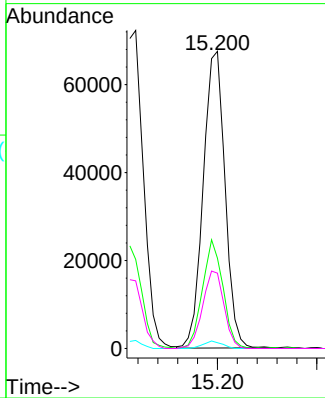
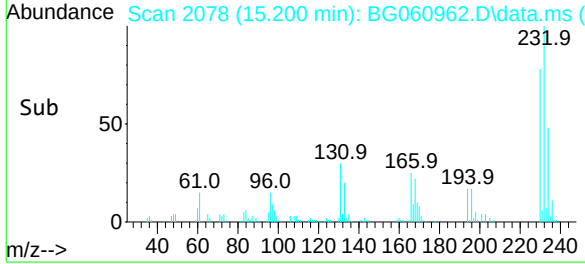
Instrument :
BNA_G
ClientSampleId :
YARD-2MS



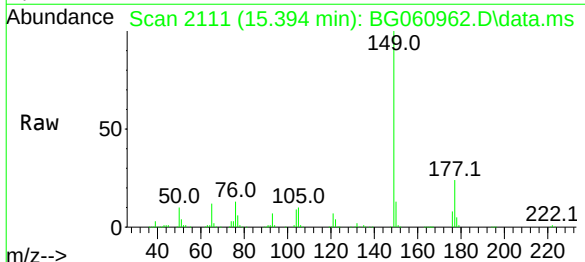
Tgt Ion:232 Resp: 102734
Ion Ratio Lower Upper
232 100
131 34.4 29.8 44.8
130 2.2 1.8 2.8
166 25.6 21.6 32.4

Manual Integrations
APPROVED

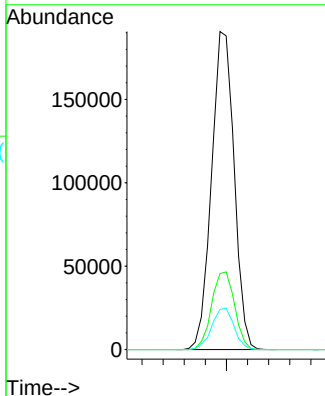
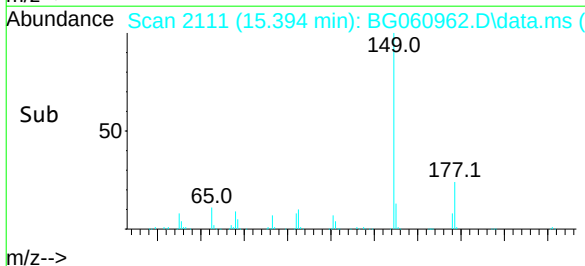
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

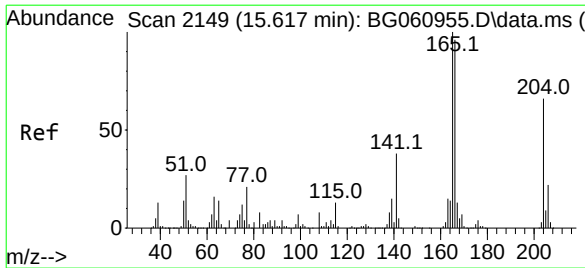


#60
Diethylphthalate
Concen: 38.690 ng
RT: 15.394 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55



Tgt Ion:149 Resp: 283754
Ion Ratio Lower Upper
149 100
177 23.9 19.0 28.4
150 12.6 10.5 15.7





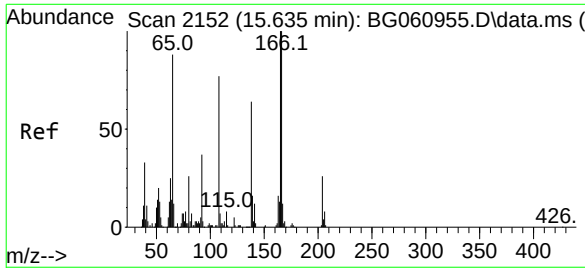
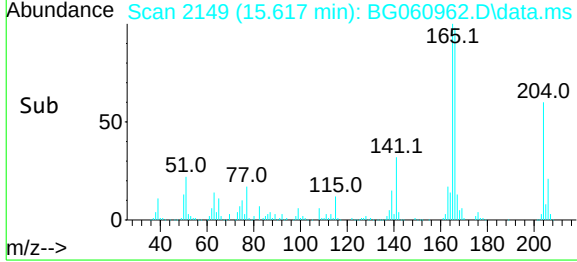
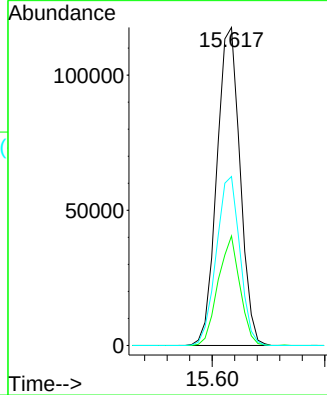
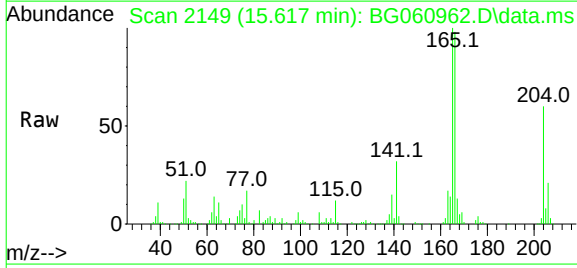
#61
4-Chlorophenyl-phenylether
Concen: 44.087 ng
RT: 15.617 min Scan# 2149
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

Instrument :
BNA_G
ClientSampleId :
YARD-2MS

Tgt Ion:	204	Resp:	168631
Ion	Ratio	Lower	Upper
204	100		
206	34.4	25.4	38.0
141	53.1	42.0	63.0

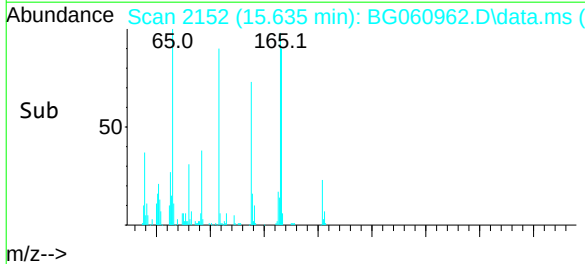
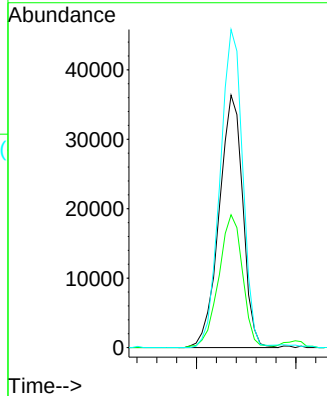
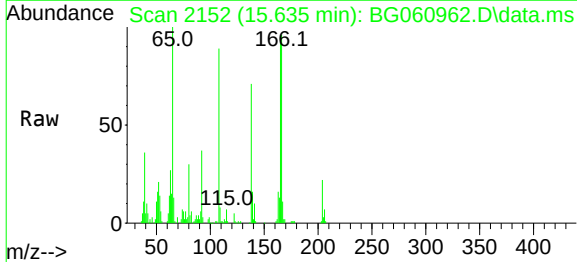
Manual Integrations
APPROVED

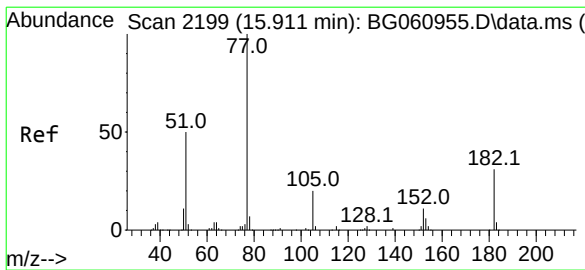
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#62
4-Nitroaniline
Concen: 34.136 ng
RT: 15.635 min Scan# 2152
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

Tgt Ion:	138	Resp:	60130
Ion	Ratio	Lower	Upper
138	100		
92	52.6	34.8	74.8
108	126.0	73.9	113.9#





#63

Azobenzene

Concen: 35.488 ng

RT: 15.911 min Scan# 2199

Delta R.T. 0.002 min

Lab File: BG060962.D

Acq: 19 Apr 2024 16:55

Instrument :

BNA_G

ClientSampleId :

YARD-2MS

Tgt Ion: 77 Resp: 245304

Ion Ratio Lower Upper

77 100

182 32.1 6.8 46.8

105 20.7 1.7 41.7

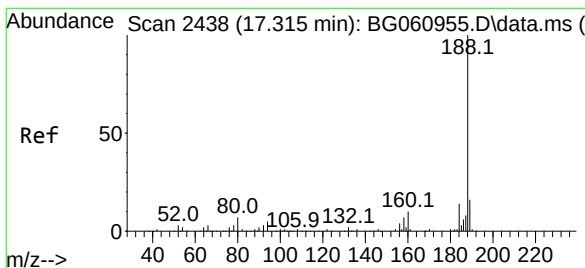
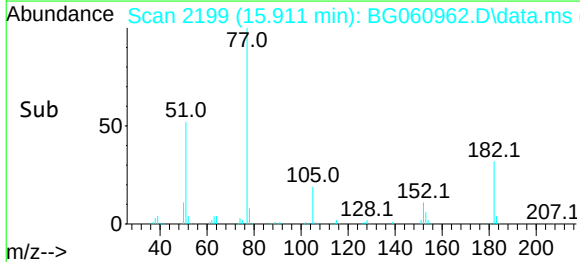
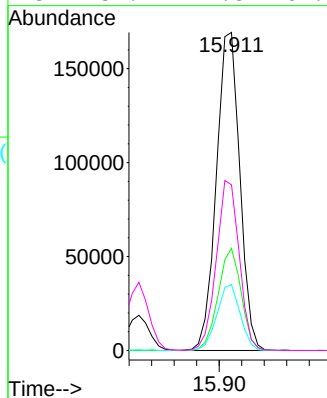
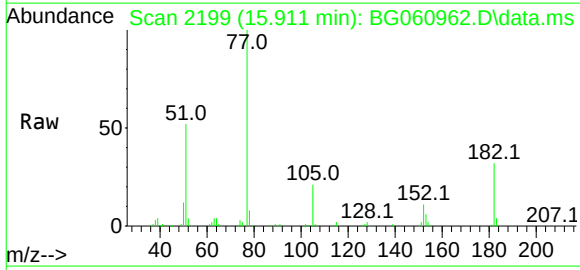
51 52.1 21.8 61.8

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: 17.315 min Scan# 2438

Delta R.T. -0.004 min

Lab File: BG060962.D

Acq: 19 Apr 2024 16:55

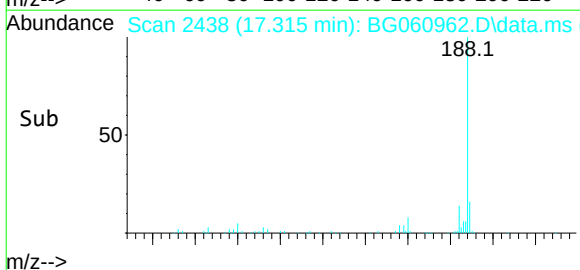
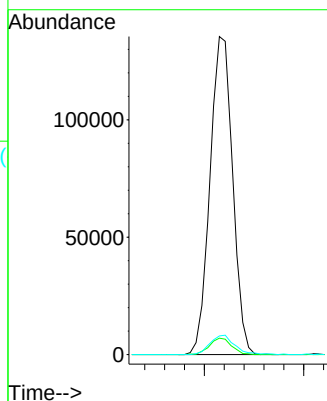
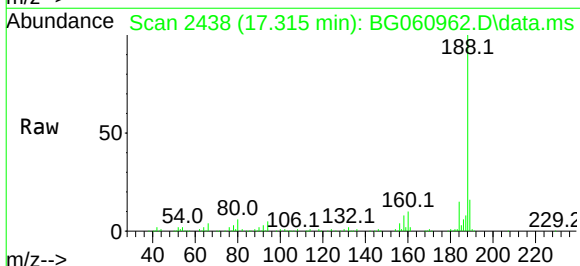
Tgt Ion:188 Resp: 214444

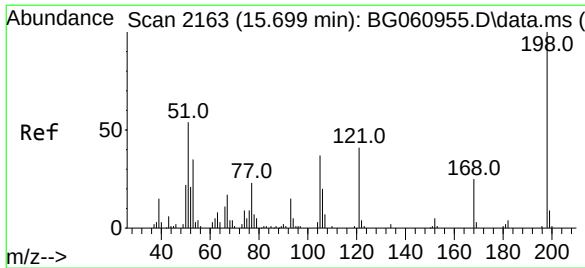
Ion Ratio Lower Upper

188 100

94 5.2 5.7 8.5#

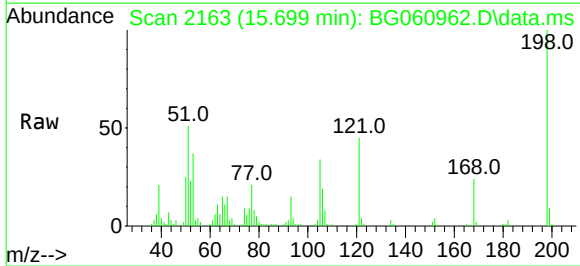
80 5.9 6.6 9.8#





#65
4,6-Dinitro-2-methylphenol
Concen: 43.954 ng
RT: 15.699 min Scan# 2163
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

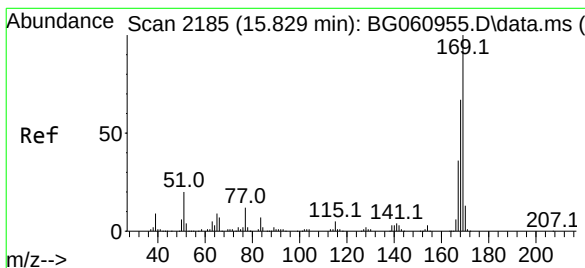
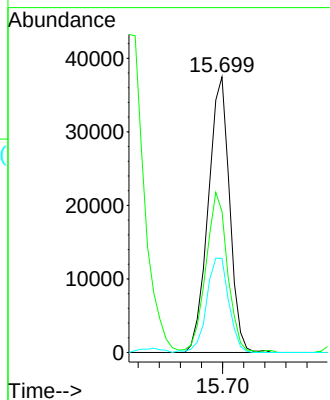
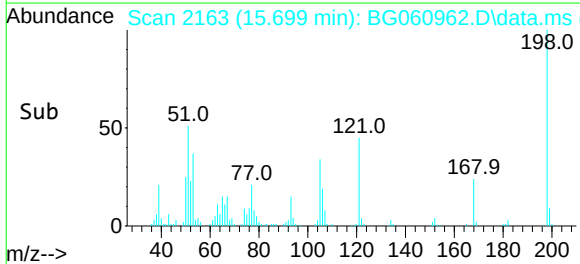
Instrument :
BNA_G
ClientSampleId :
YARD-2MS



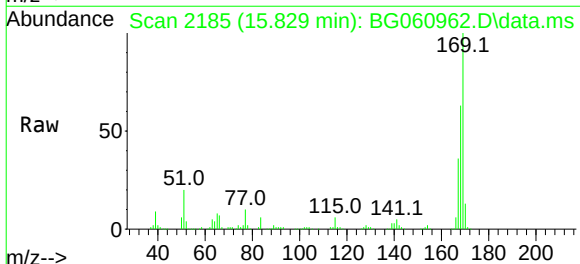
Tgt Ion:198 Resp: 52586
Ion Ratio Lower Upper
198 100
51 51.2 38.2 78.2
105 34.2 19.7 59.7

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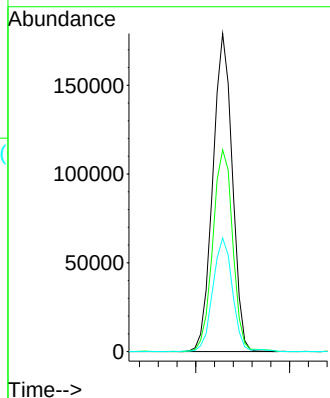
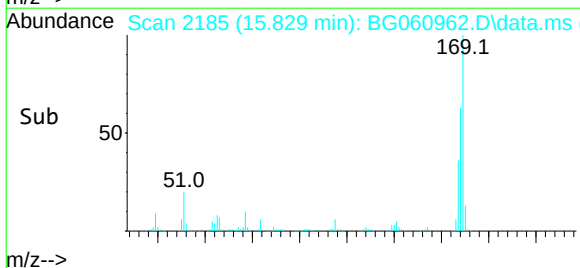
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

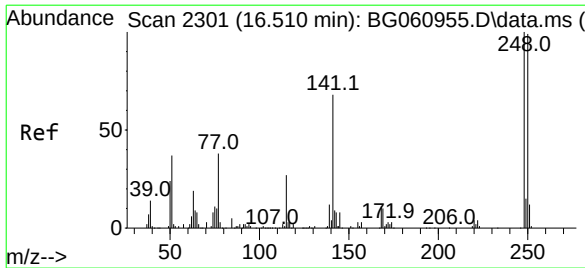


#66
n-Nitrosodiphenylamine
Concen: 43.951 ng
RT: 15.829 min Scan# 2185
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55



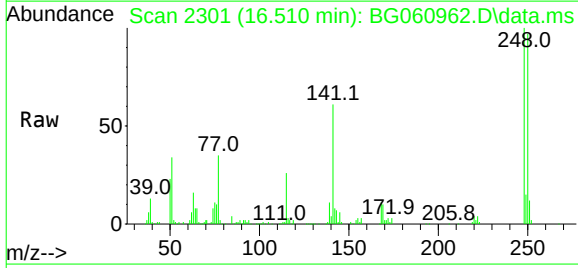
Tgt Ion:169 Resp: 258730
Ion Ratio Lower Upper
169 100
168 63.5 53.7 80.5
167 35.7 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 49.379 ng
RT: 16.510 min Scan# 2301
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

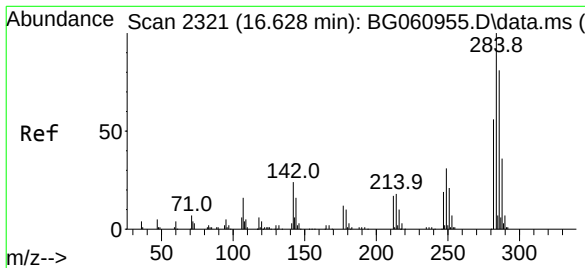
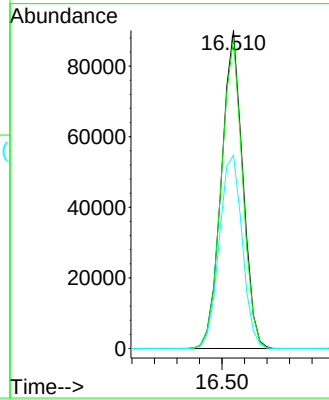
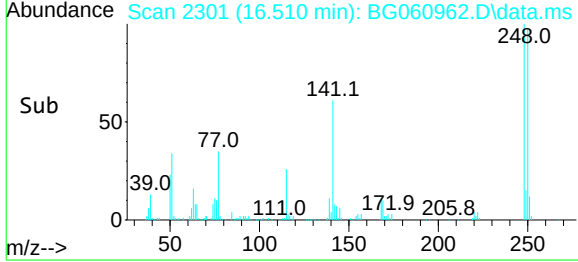
Instrument :
BNA_G
ClientSampleId :
YARD-2MS



Tgt Ion:248 Resp: 118623
Ion Ratio Lower Upper
248 100
250 97.5 75.4 113.2
141 60.8 52.2 78.2

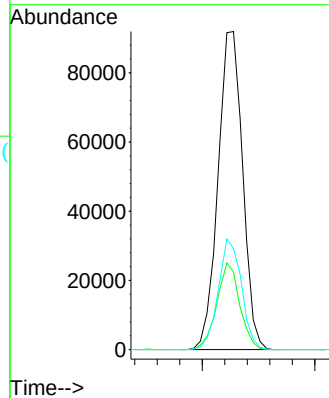
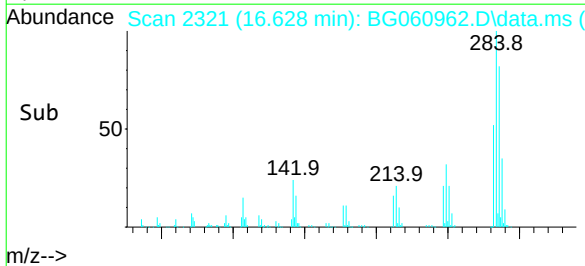
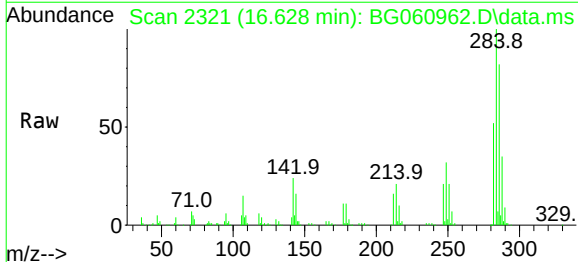
Manual Integrations
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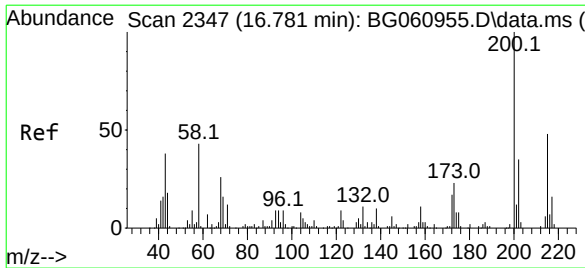
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#68
Hexachlorobenzene
Concen: 53.377 ng
RT: 16.628 min Scan# 2321
Delta R.T. 0.003 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

Tgt Ion:284 Resp: 139526
Ion Ratio Lower Upper
284 100
142 24.5 21.2 31.8
249 31.7 24.9 37.3





#69

Atrazine

Concen: 50.296 ng

RT: 16.780 min Scan# 2347

Delta R.T. 0.002 min

Lab File: BG060962.D

Acq: 19 Apr 2024 16:55

Instrument :

BNA_G

ClientSampleId :

YARD-2MS

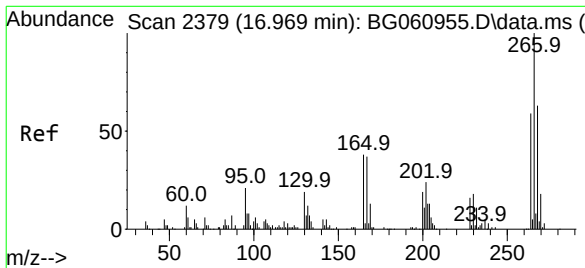
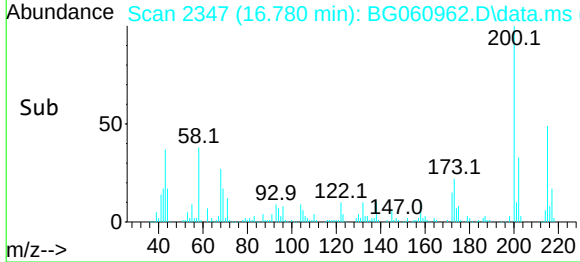
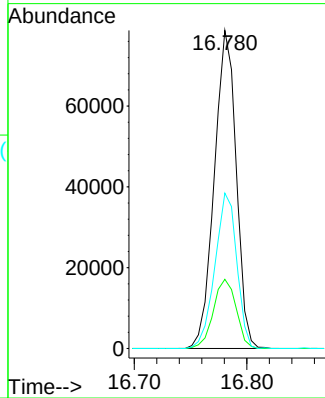
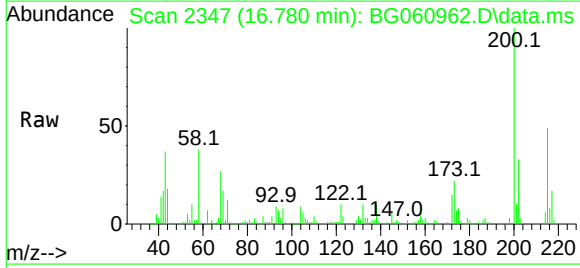
Tgt Ion:	200	Resp:	106410
Ion Ratio	Lower	Upper	
200	100		
173	21.7	6.5	46.5
215	48.8	30.4	70.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#70

Pentachlorophenol

Concen: 105.897 ng

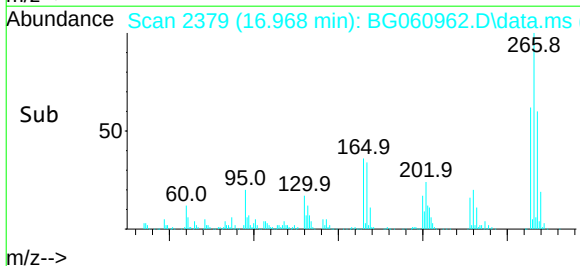
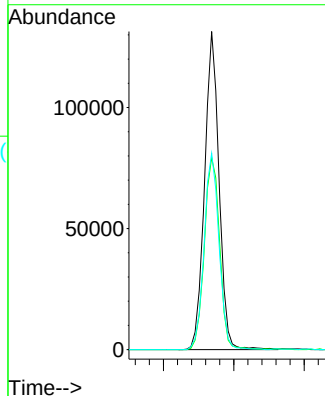
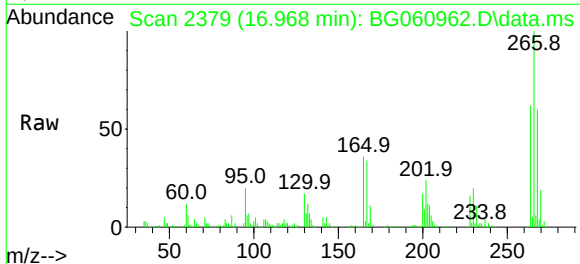
RT: 16.968 min Scan# 2379

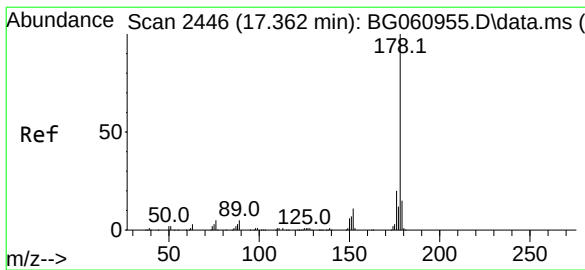
Delta R.T. 0.002 min

Lab File: BG060962.D

Acq: 19 Apr 2024 16:55

Tgt Ion:	266	Resp:	187467
Ion Ratio	Lower	Upper	
266	100		
268	60.3	50.2	75.2
264	61.8	51.2	76.8





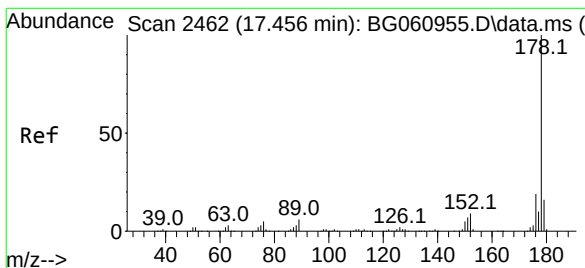
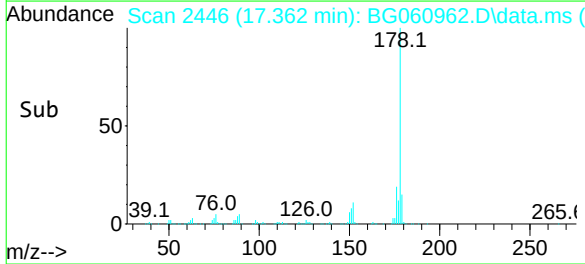
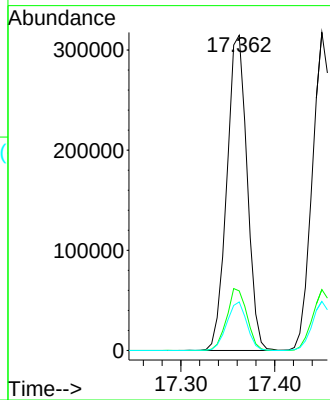
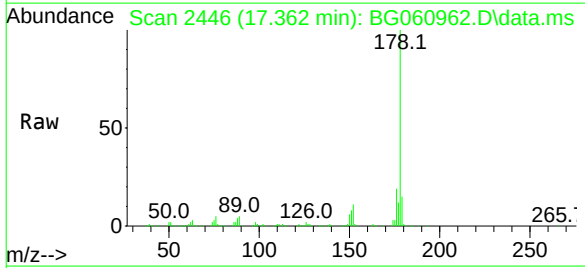
#71
Phenanthrene
Concen: 43.455 ng
RT: 17.362 min Scan# 2446
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

Instrument :
BNA_G
ClientSampleId :
YARD-2MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.4	12.0	18.0

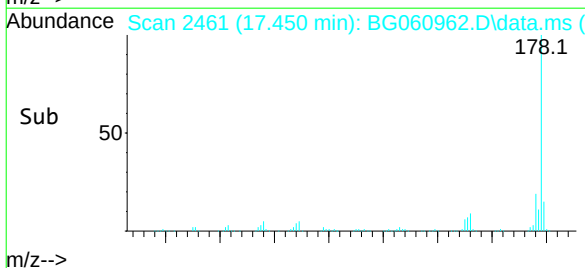
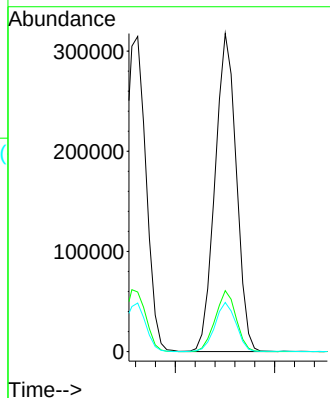
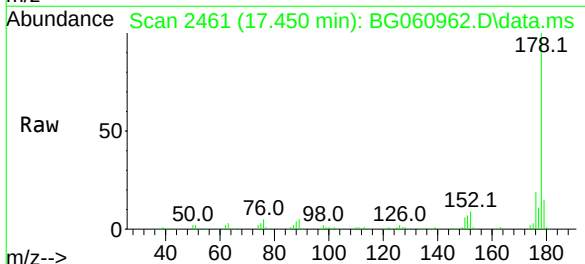
Manual Integrations
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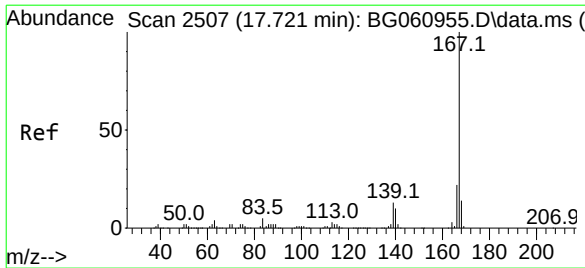
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#72
Anthracene
Concen: 42.466 ng
RT: 17.450 min Scan# 2461
Delta R.T. -0.004 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.4
179	15.4	11.6	17.4





#73

Carbazole

Concen: 40.591 ng

RT: 17.721 min Scan# 2507

Delta R.T. 0.002 min

Lab File: BG060962.D

Acq: 19 Apr 2024 16:55

Instrument :

BNA_G

ClientSampleId :

YARD-2MS

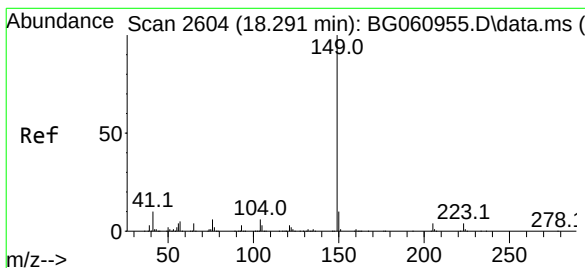
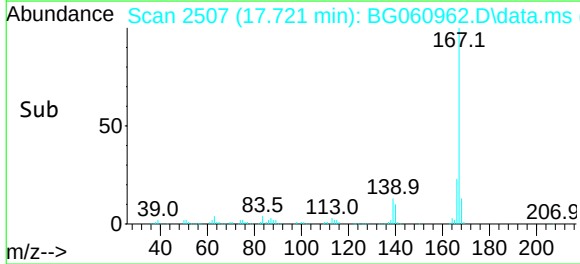
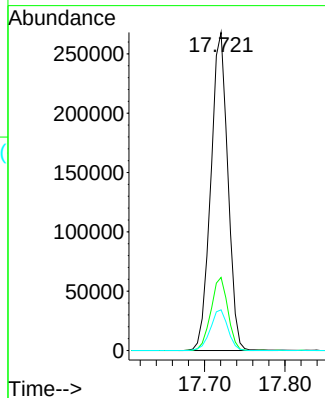
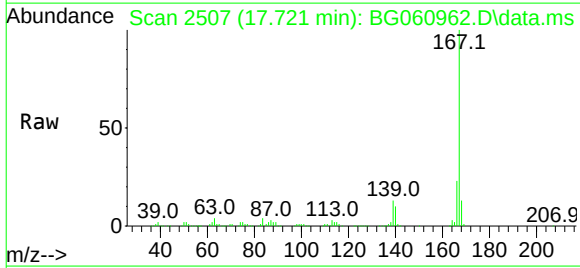
Tgt Ion:	167	Resp:	394311
Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.4	27.6
139	12.8	10.1	15.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#74

Di-n-butylphthalate

Concen: 39.795 ng

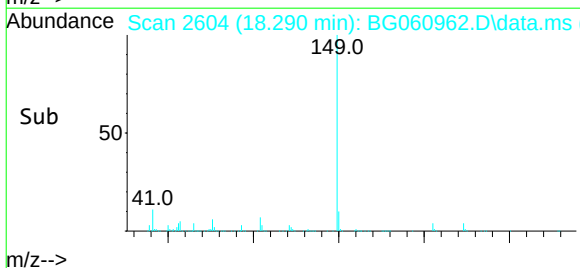
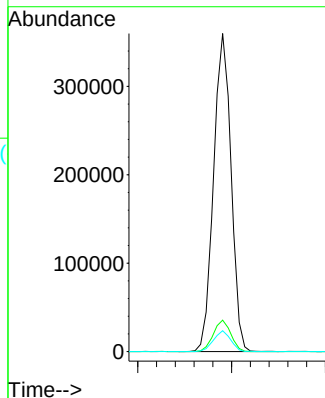
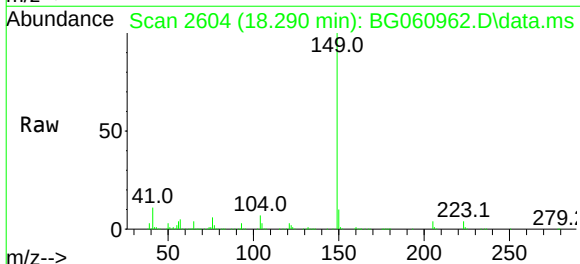
RT: 18.290 min Scan# 2604

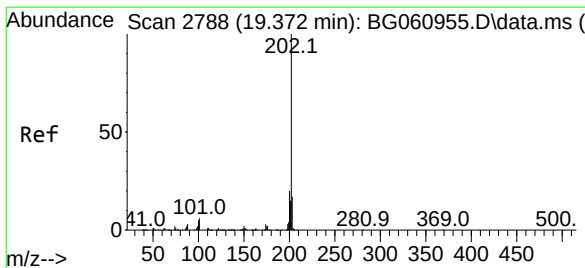
Delta R.T. -0.004 min

Lab File: BG060962.D

Acq: 19 Apr 2024 16:55

Tgt Ion:	149	Resp:	465403
Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.5	11.3
104	6.6	4.6	6.8





#75

Fluoranthene

Concen: 43.135 ng

RT: 19.372 min Scan# 27

Delta R.T. 0.002 min

Lab File: BG060962.D

Acq: 19 Apr 2024 16:55

Instrument :

BNA_G

ClientSampleId :

YARD-2MS

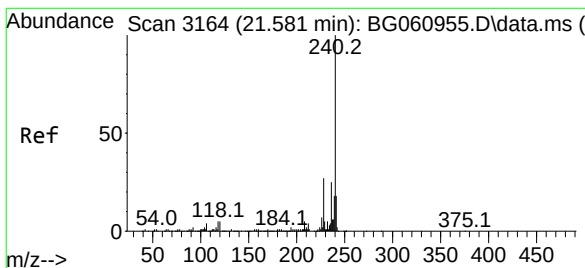
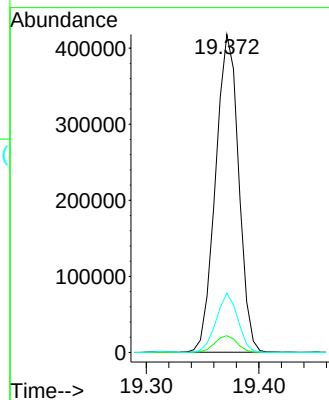
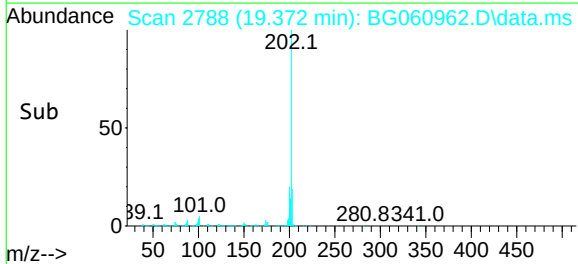
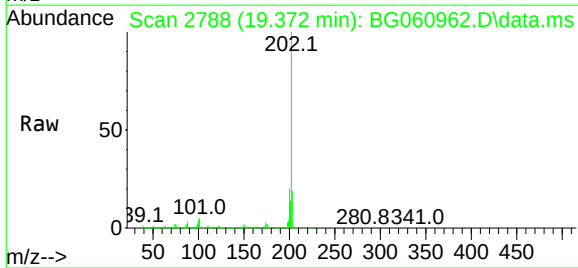
Tgt Ion:	202	Resp:	595952
Ion	Ratio	Lower	Upper
202	100		
101	5.3	0.0	28.6
203	18.6	0.0	37.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#76

Chrysene-d12

Concen: 20.000 ng

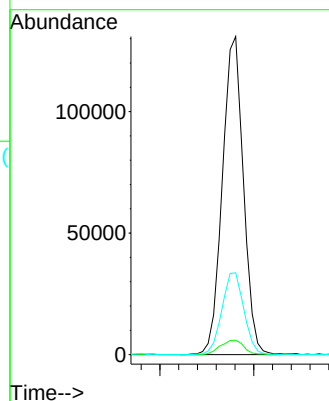
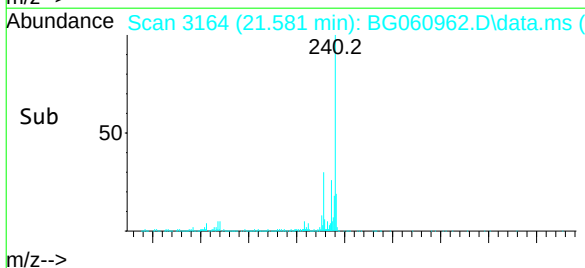
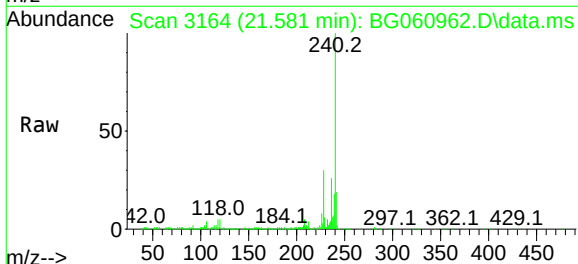
RT: 21.581 min Scan# 3164

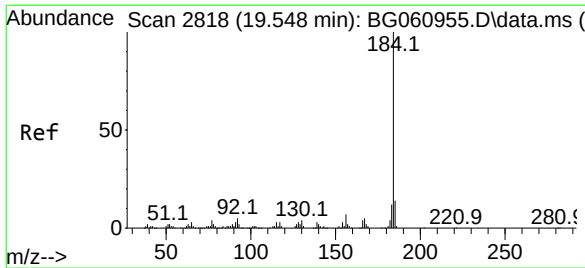
Delta R.T. 0.002 min

Lab File: BG060962.D

Acq: 19 Apr 2024 16:55

Tgt Ion:	240	Resp:	203486
Ion	Ratio	Lower	Upper
240	100		
120	4.5	5.7	8.5#
236	25.7	21.1	31.7





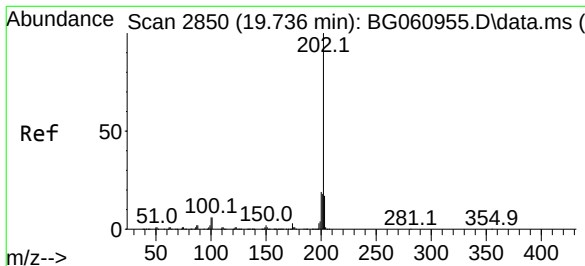
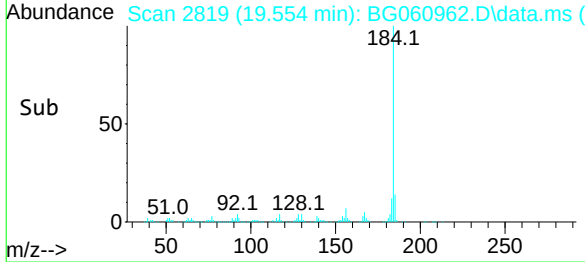
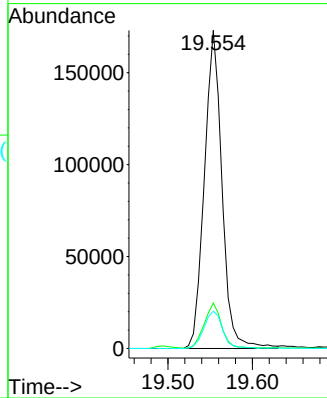
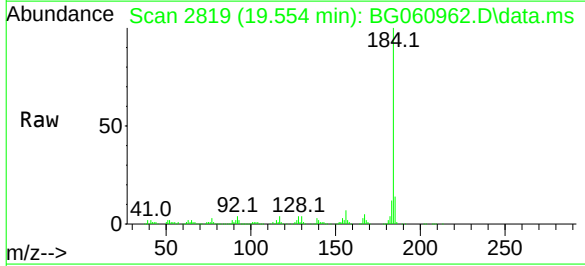
#77
Benzidine
Concen: 55.955 ng
RT: 19.554 min Scan# 2818
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

Instrument :
BNA_G
ClientSampleId :
YARD-2MS

Tgt Ion:	184	Resp:	251146
Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.4	17.0
183	11.7	9.4	14.2

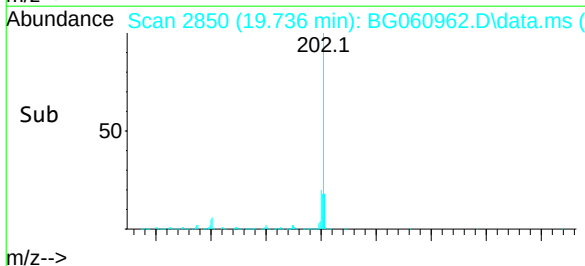
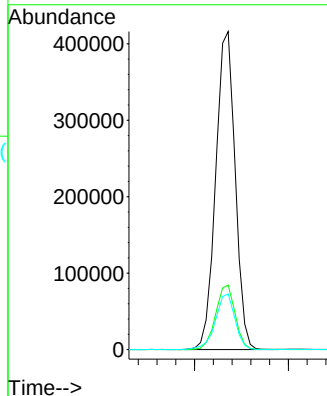
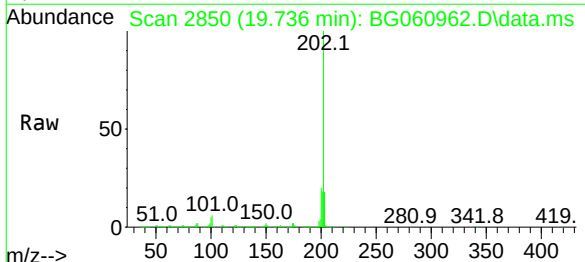
Manual Integrations
APPROVED

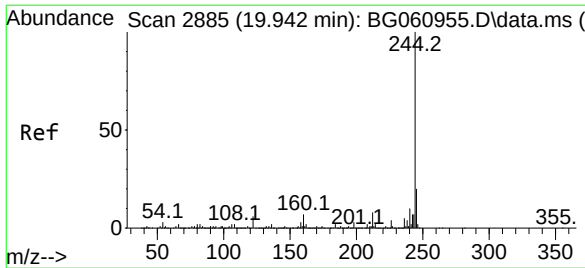
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#78
Pyrene
Concen: 42.939 ng
RT: 19.736 min Scan# 2850
Delta R.T. 0.002 min
Lab File: BG060962.D
Acq: 19 Apr 2024 16:55

Tgt Ion:	202	Resp:	599385
Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.7	25.1
203	17.5	13.8	20.8





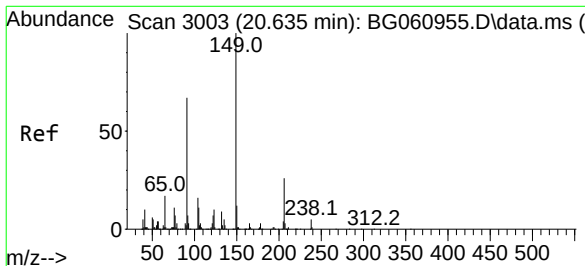
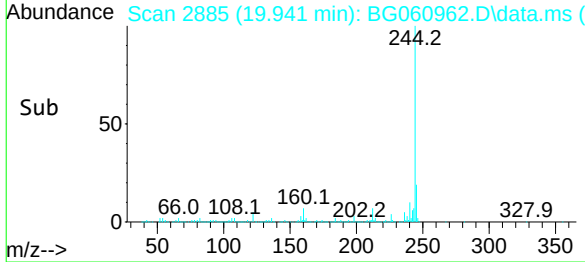
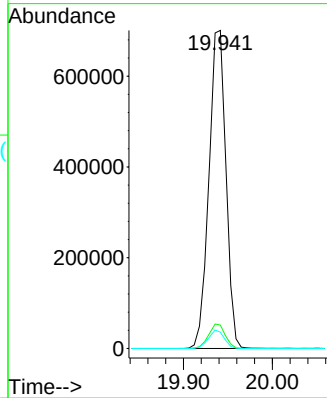
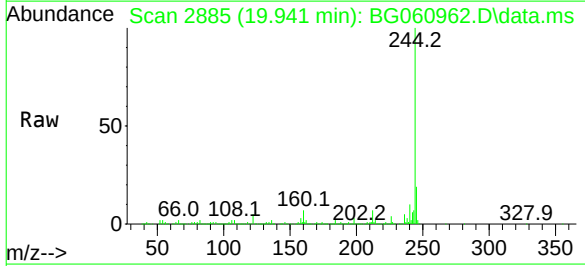
#79
 Terphenyl-d14
 Concen: 80.025 ng
 RT: 19.941 min Scan# 2885
 Delta R.T. 0.002 min
 Lab File: BG060962.D
 Acq: 19 Apr 2024 16:55

Instrument :
 BNA_G
 ClientSampleId :
 YARD-2MS

Tgt Ion:	244	Resp:	933054
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.2	9.4
122	5.1	6.6	9.8

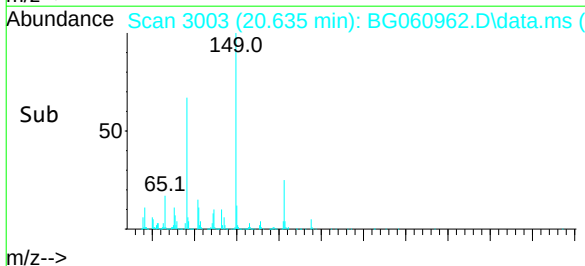
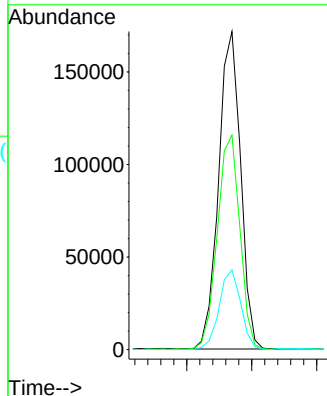
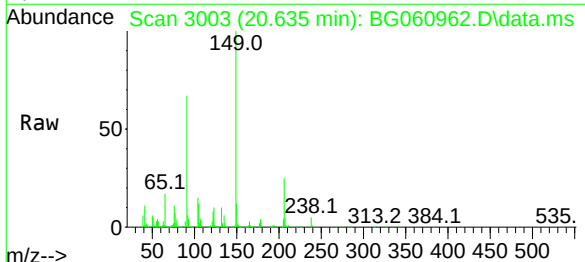
Manual Integrations
 APPROVED

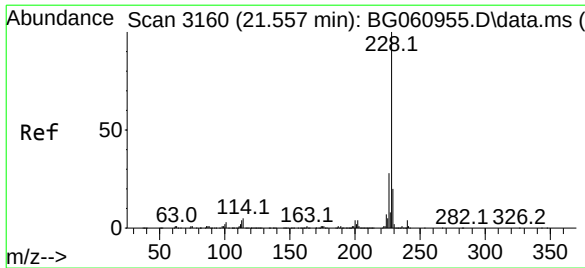
Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024



#80
 Butylbenzylphthalate
 Concen: 39.416 ng
 RT: 20.635 min Scan# 3003
 Delta R.T. 0.002 min
 Lab File: BG060962.D
 Acq: 19 Apr 2024 16:55

Tgt Ion:	149	Resp:	202090
Ion Ratio	Lower	Upper	
149	100		
91	67.4	58.7	88.1
206	25.1	18.0	27.0





#81

Benzo(a)anthracene

Concen: 44.197 ng

RT: 21.557 min Scan# 3160

Delta R.T. -0.004 min

Lab File: BG060962.D

Acq: 19 Apr 2024 16:55

Instrument :

BNA_G

ClientSampleId :

YARD-2MS

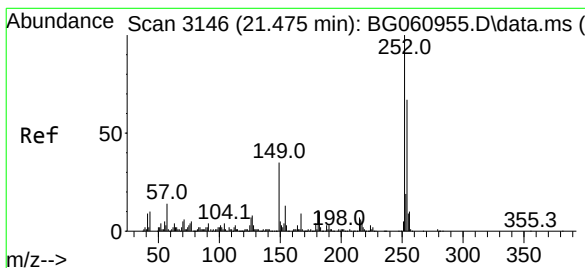
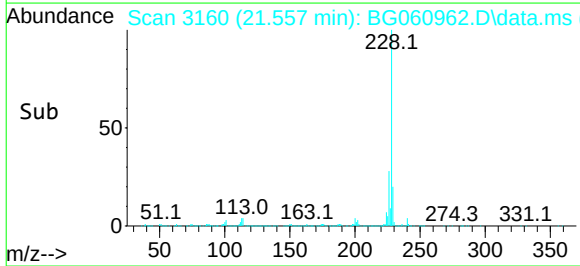
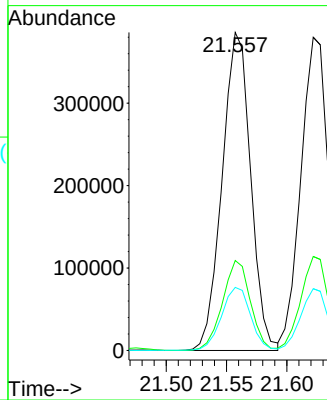
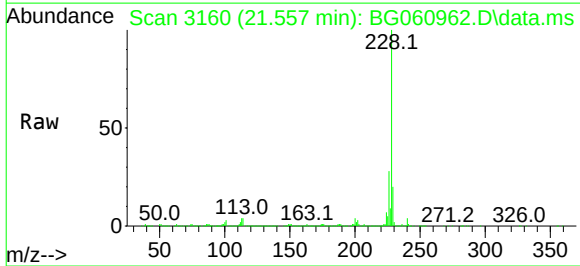
Tgt Ion:	228	Resp:	635074
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.0	33.0
229	19.8	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#82

3,3'-Dichlorobenzidine

Concen: 39.655 ng

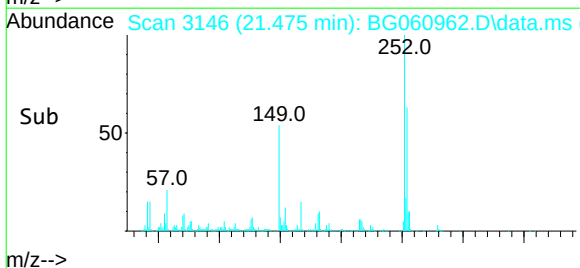
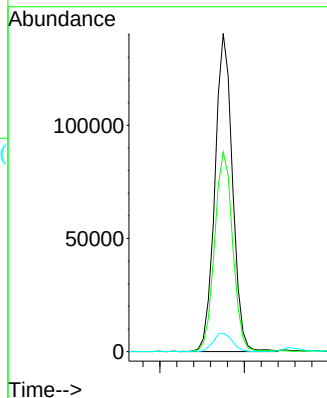
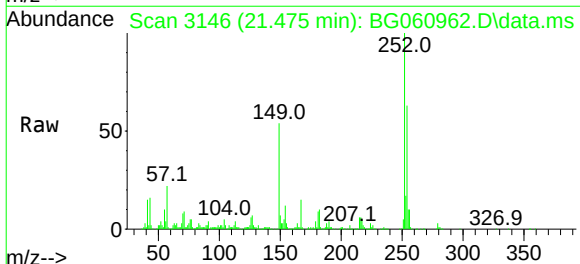
RT: 21.475 min Scan# 3146

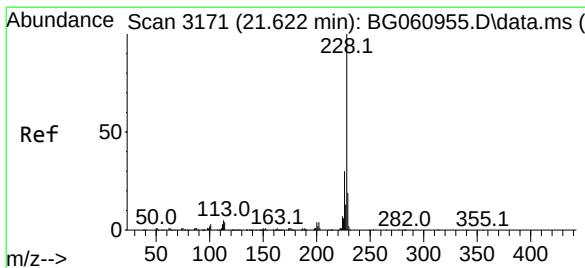
Delta R.T. 0.002 min

Lab File: BG060962.D

Acq: 19 Apr 2024 16:55

Tgt Ion:	252	Resp:	202915
Ion Ratio	Lower	Upper	
252	100		
254	62.7	51.5	77.3
126	5.7	6.5	9.7





#83

Chrysene

Concen: 43.578 ng

RT: 21.622 min Scan# 3171

Delta R.T. -0.004 min

Lab File: BG060962.D

Acq: 19 Apr 2024 16:55

Instrument :

BNA_G

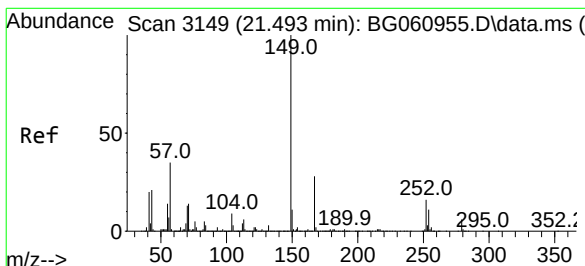
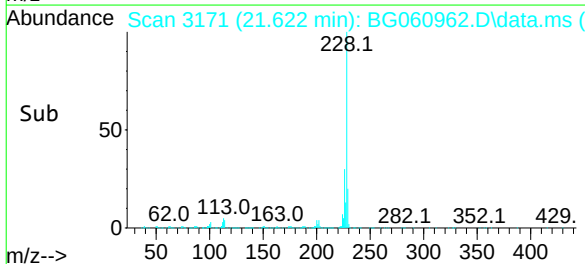
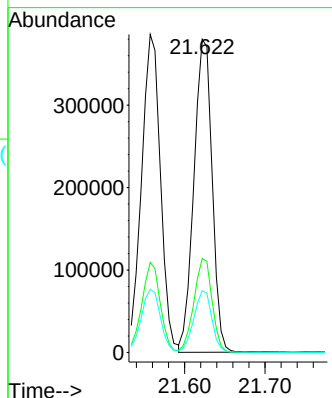
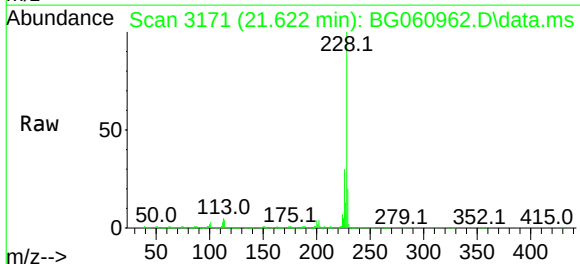
ClientSampleId :

YARD-2MS

Tgt Ion:	228	Resp:	597878
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.4	36.6
229	19.7	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: 38.393 ng

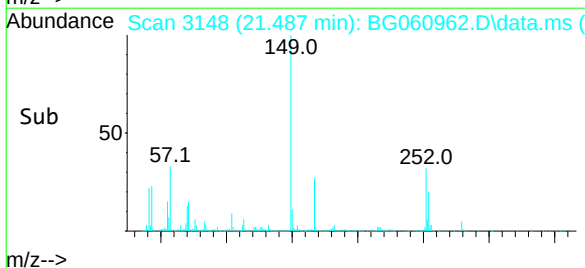
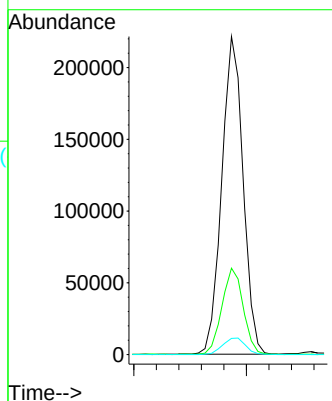
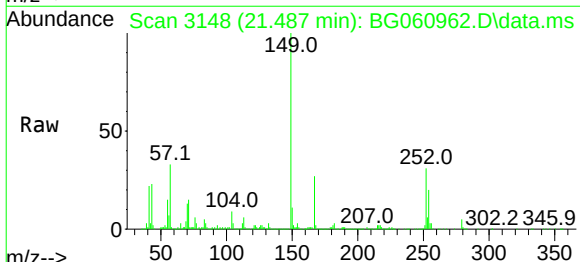
RT: 21.487 min Scan# 3148

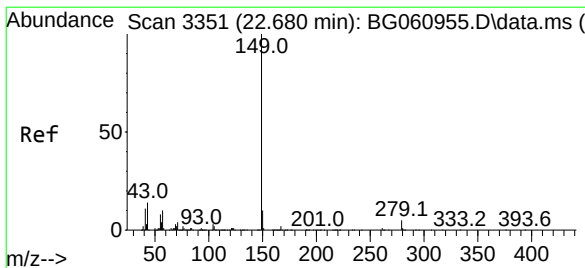
Delta R.T. -0.004 min

Lab File: BG060962.D

Acq: 19 Apr 2024 16:55

Tgt Ion:	149	Resp:	291073
Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.4	33.6
279	5.1	3.2	4.8#





#85

Di-n-octyl phthalate

Concen: 37.570 ng

RT: 22.674 min Scan# 3351

Delta R.T. -0.004 min

Lab File: BG060962.D

Acq: 19 Apr 2024 16:55

Instrument :

BNA_G

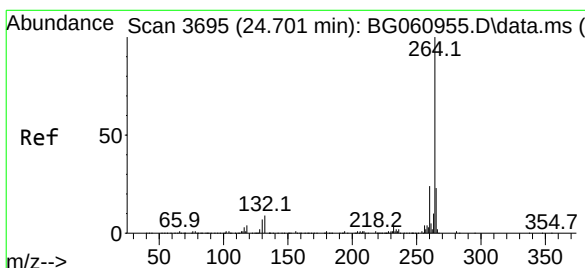
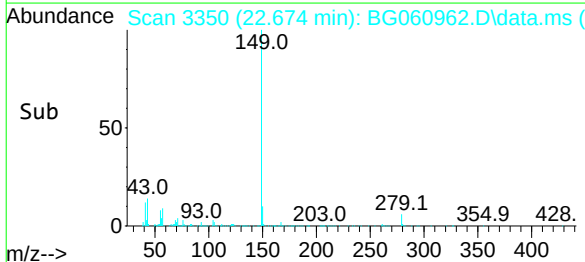
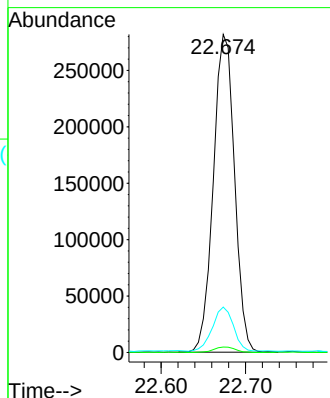
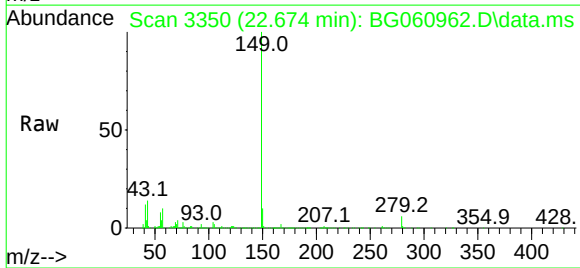
ClientSampleId :

YARD-2MS

Tgt Ion:	149	Resp:	491467
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	13.8	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

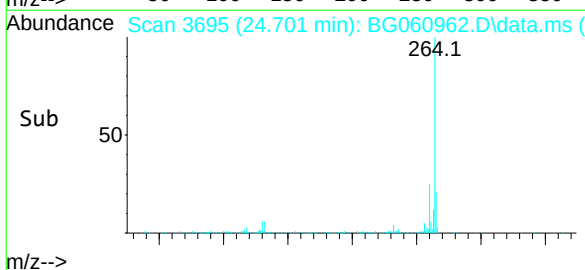
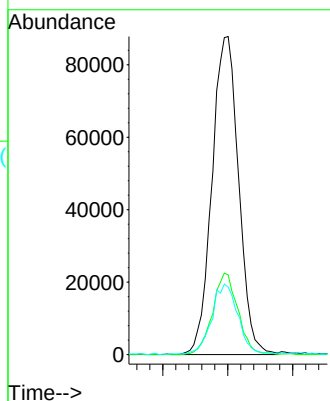
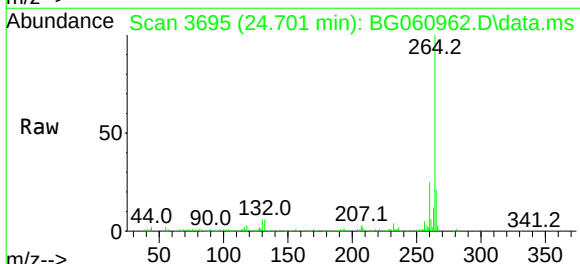
RT: 24.701 min Scan# 3695

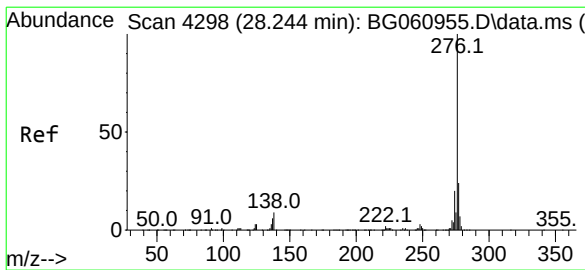
Delta R.T. 0.002 min

Lab File: BG060962.D

Acq: 19 Apr 2024 16:55

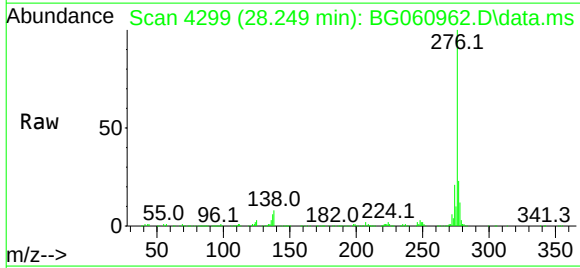
Tgt Ion:	264	Resp:	250132
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.6	29.4
265	21.2	16.6	25.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.984 ng
 RT: 28.249 min Scan# 4298
 Delta R.T. 0.002 min
 Lab File: BG060962.D
 Acq: 19 Apr 2024 16:55

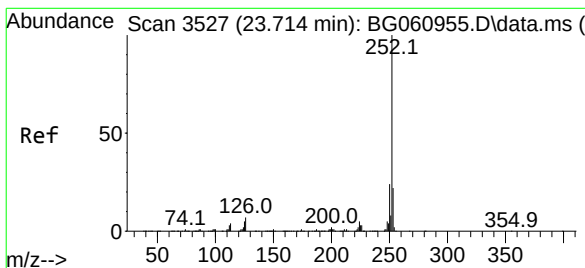
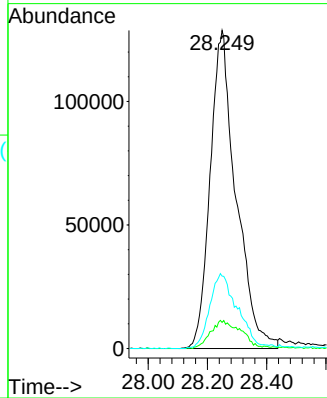
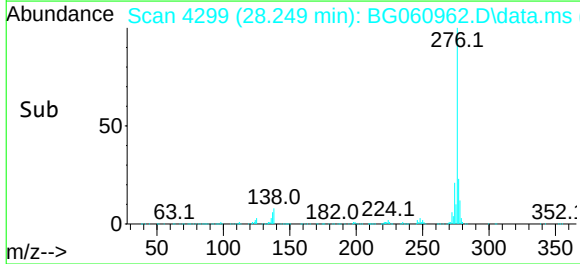
Instrument :
 BNA_G
 ClientSampleId :
 YARD-2MS



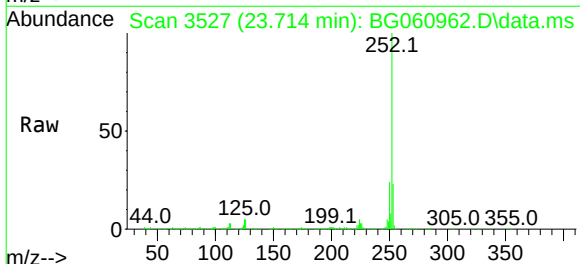
Tgt Ion: 276 Resp: 778092
 Ion Ratio Lower Upper
 276 100
 138 10.3 10.8 16.2#
 277 25.3 20.3 30.5

Manual Integrations
 APPROVED

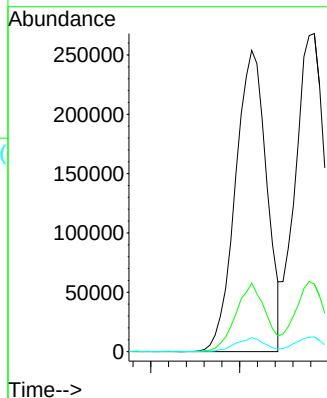
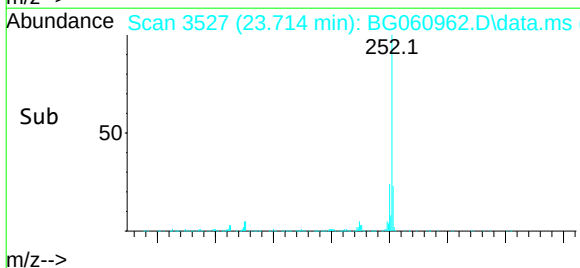
Reviewed By : Yogesh Patel 04/22/2024
 Supervised By : mohammad ahmed 04/22/2024

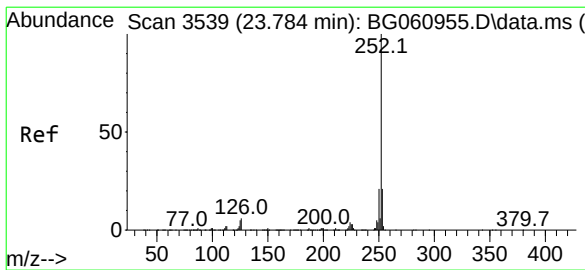


#88
 Benzo(b)fluoranthene
 Concen: 43.834 ng
 RT: 23.714 min Scan# 3527
 Delta R.T. -0.004 min
 Lab File: BG060962.D
 Acq: 19 Apr 2024 16:55



Tgt Ion: 252 Resp: 620354
 Ion Ratio Lower Upper
 252 100
 253 22.7 16.8 25.2
 125 4.6 5.6 8.4#





#89

Benzo(k)fluoranthene

Concen: 43.226 ng

RT: 23.784 min Scan# 3539

Delta R.T. 0.002 min

Lab File: BG060962.D

Acq: 19 Apr 2024 16:55

Instrument :

BNA_G

ClientSampleId :

YARD-2MS

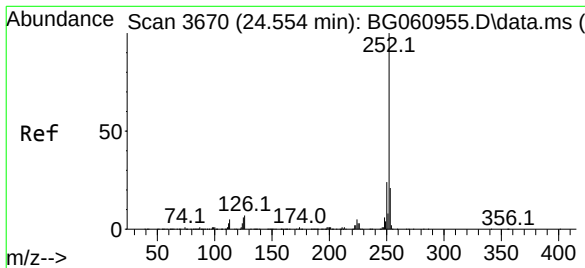
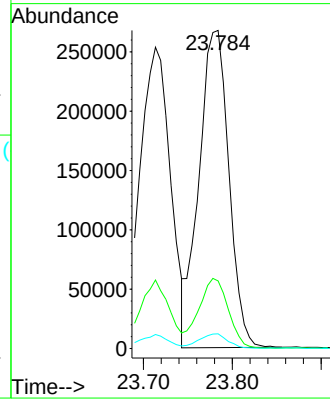
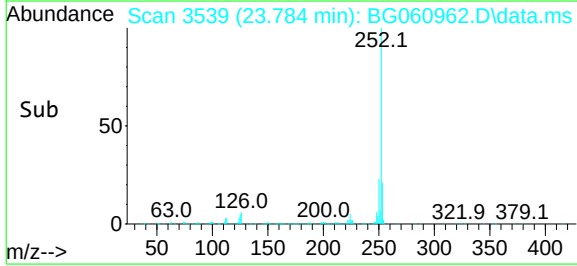
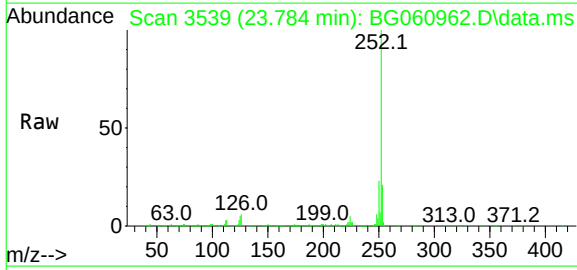
Tgt	Ion:252	Resp:	625823
Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.9	26.9
125	4.6	5.8	8.8#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#90

Benzo(a)pyrene

Concen: 42.311 ng

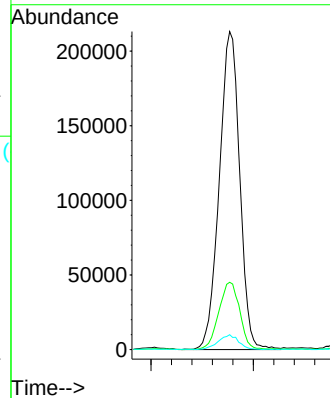
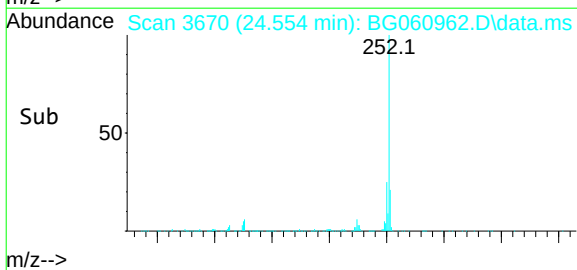
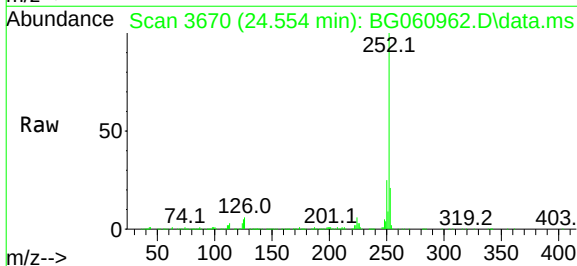
RT: 24.554 min Scan# 3670

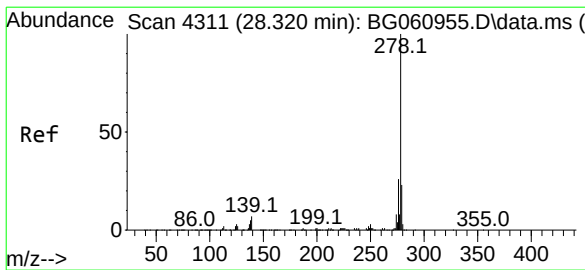
Delta R.T. 0.002 min

Lab File: BG060962.D

Acq: 19 Apr 2024 16:55

Tgt	Ion:252	Resp:	590368
Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.1	25.7
125	4.7	6.1	9.1#





#91

Dibenzo(a,h)anthracene

Concen: 44.414 ng

RT: 28.314 min Scan# 4311

Delta R.T. -0.004 min

Lab File: BG060962.D

Acq: 19 Apr 2024 16:55

Instrument :

BNA_G

ClientSampleId :

YARD-2MS

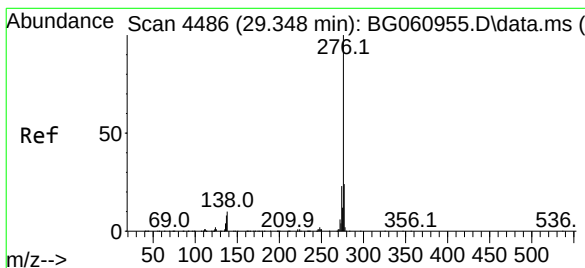
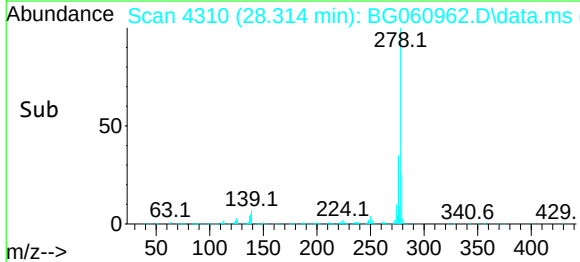
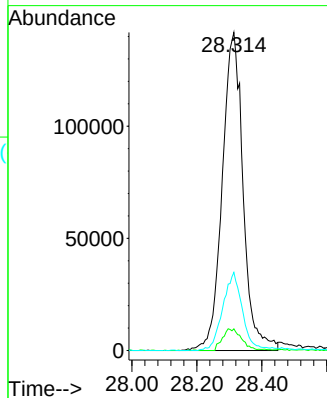
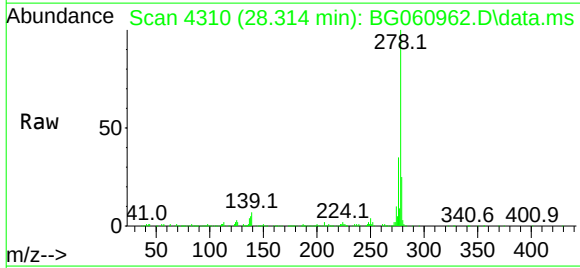
Tgt Ion:	278	Resp:	632365
Ion Ratio	Lower	Upper	
278	100		
139	6.8	8.6	12.8#
279	24.6	19.4	29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#92

Benzo(g,h,i)perylene

Concen: 41.449 ng

RT: 29.348 min Scan# 4486

Delta R.T. -0.004 min

Lab File: BG060962.D

Acq: 19 Apr 2024 16:55

Tgt Ion:	276	Resp:	576955
Ion Ratio	Lower	Upper	
276	100		
277	24.2	18.3	27.5
138	7.7	12.2	18.4#

