

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042024\
 Data File : BG060984.D
 Acq On : 21 Apr 2024 2:31
 Operator : MA/JU
 Sample : PB160360BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB160360BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024

Quant Time: Apr 22 04:39:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	19803	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	77234	20.000	ng	# 0.00
39) Acenaphthene-d10	14.568	164	69134	20.000	ng	0.00
64) Phenanthrene-d10	17.317	188	185383	20.000	ng	0.00
76) Chrysene-d12	21.577	240	195022	20.000	ng	0.00
86) Perylene-d12	24.697	264	229625	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	143155	146.224	ng	0.00
7) Phenol-d6	7.112	99	204062	140.481	ng	0.00
23) Nitrobenzene-d5	9.092	82	140296	81.614	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	203408	133.986	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	422675	84.616	ng	0.00
79) Terphenyl-d14	19.938	244	1031525	82.102	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	11801	34.829	ng	93
3) Pyridine	3.827	79	33511	31.997	ng	95
4) n-Nitrosodimethylamine	3.745	42	38142	40.492	ng	89
6) Aniline	7.265	93	45005	25.779	ng	98
8) 2-Chlorophenol	7.505	128	59249	48.571	ng	94
9) Benzaldehyde	7.071	77	2815	3.768	ng	94
10) Phenol	7.135	94	70108	48.579	ng	96
11) bis(2-Chloroethyl)ether	7.359	93	45035	43.616	ng	98
12) 1,3-Dichlorobenzene	7.829	146	62148	45.942	ng	95
13) 1,4-Dichlorobenzene	7.975	146	62814	45.080	ng	99
14) 1,2-Dichlorobenzene	8.293	146	60526	44.447	ng	97
15) Benzyl Alcohol	8.175	79	60768	44.308	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.457	45	99039	44.063	ng	98
17) 2-Methylphenol	8.381	107	49847	42.776	ng	96
18) Hexachloroethane	9.021	117	22100	44.017	ng	97
19) n-Nitroso-di-n-propyla...	8.739	70	45459	41.993	ng	94
20) 3+4-Methylphenols	8.710	107	69717	42.779	ng	98
22) Acetophenone	8.757	105	90150	41.801	ng	96
24) Nitrobenzene	9.133	77	68968	41.752	ng	96
25) Isophorone	9.656	82	116057	40.342	ng	96
26) 2-Nitrophenol	9.844	139	33333	42.936	ng	97
27) 2,4-Dimethylphenol	9.908	122	44675	35.902	ng	97
28) bis(2-Chloroethoxy)met...	10.143	93	63096	41.693	ng	95
29) 2,4-Dichlorophenol	10.384	162	63691	44.348	ng	99
30) 1,2,4-Trichlorobenzene	10.596	180	70569	44.535	ng	96
31) Naphthalene	10.784	128	179542	42.461	ng	98
32) Benzoic acid	10.044	122	42136	44.442	ng	98
33) 4-Chloroaniline	10.884	127	34269	17.841	ng	97
34) Hexachlorobutadiene	11.072	225	59844	42.944	ng	97
35) Caprolactam	11.653	113	19923m	43.553	ng	
36) 4-Chloro-3-methylphenol	12.018	107	72380	43.212	ng	99
37) 2-Methylnaphthalene	12.394	142	136022	40.914	ng	98
38) 1-Methylnaphthalene	12.611	142	129181	41.639	ng	94
40) 1,2,4,5-Tetrachloroben...	12.764	216	109179	44.439	ng	97
41) Hexachlorocyclopentadiene	12.740	237	141774	98.072	ng	96
43) 2,4,6-Trichlorophenol	12.999	196	73273	45.370	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	81760	42.797	ng	99
46) 1,1'-Biphenyl	13.404	154	203722	43.747	ng	96
47) 2-Chloronaphthalene	13.445	162	158175	44.300	ng	97
48) 2-Nitroaniline	13.639	65	60020	41.651	ng	92
49) Acenaphthylene	14.292	152	271514	45.152	ng	100
50) Dimethylphthalate	14.027	163	237076	41.586	ng	98
51) 2,6-Dinitrotoluene	14.139	165	49450	41.571	ng	94
52) Acenaphthene	14.632	154	149830	41.006	ng	94
53) 3-Nitroaniline	14.468	138	31145	26.553	ng	97
54) 2,4-Dinitrophenol	14.679	184	69907	89.498	ng	97
55) Dibenzofuran	14.967	168	266421	42.225	ng	98
56) 4-Nitrophenol	14.785	139	82433	98.098	ng	95
57) 2,4-Dinitrotoluene	14.932	165	75649	44.157	ng	98
58) Fluorene	15.619	166	225720	42.384	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.196	232	86784	45.009	ng	99
60) Diethylphthalate	15.396	149	240259	42.794	ng	97
61) 4-Chlorophenyl-phenyle...	15.614	204	137360	41.821	ng	97
62) 4-Nitroaniline	15.631	138	53973	42.675	ng	99
63) Azobenzene	15.907	77	197331	43.213	ng	98
65) 4,6-Dinitro-2-methylph...	15.696	198	51562	45.045	ng	99
66) n-Nitrosodiphenylamine	15.825	169	213098	41.723	ng	100
67) 4-Bromophenyl-phenylether	16.507	248	102497	41.894	ng	97
68) Hexachlorobenzene	16.624	284	122507	45.332	ng	98
69) Atrazine	16.783	200	97163	50.830	ng	99
70) Pentachlorophenol	16.965	266	158457	89.419	ng	98
71) Phenanthrene	17.359	178	402602	42.547	ng	98
72) Anthracene	17.453	178	409681	42.038	ng	99
73) Carbazole	17.717	167	355229	43.889	ng	98
74) Di-n-butylphthalate	18.287	149	416590	42.394	ng	99
75) Fluoranthene	19.368	202	542740	43.219	ng	98
77) Benzidine	19.550	184	152434	42.184	ng	99
78) Pyrene	19.732	202	550673	41.470	ng	99
80) Butylbenzylphthalate	20.631	149	183830	41.534	ng	96
81) Benzo(a)anthracene	21.560	228	593323	43.273	ng	99
82) 3,3'-Dichlorobenzidine	21.477	252	158015	31.889	ng	100
83) Chrysene	21.624	228	563262	43.148	ng	98
84) Bis(2-ethylhexyl)phtha...	21.489	149	267290	41.538	ng	98
85) Di-n-octyl phthalate	22.670	149	461629	43.210	ng	97
87) Indeno(1,2,3-cd)pyrene	28.246	276	734408	46.104	ng	# 97
88) Benzo(b)fluoranthene	23.716	252	592885	45.562	ng	97
89) Benzo(k)fluoranthene	23.780	252	586161	44.622	ng	97
90) Benzo(a)pyrene	24.556	252	545059	43.275	ng	99
91) Dibenzo(a,h)anthracene	28.310	278	599617	46.074	ng	# 97
92) Benzo(g,h,i)perylene	29.350	276	559324	43.345	ng	98

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

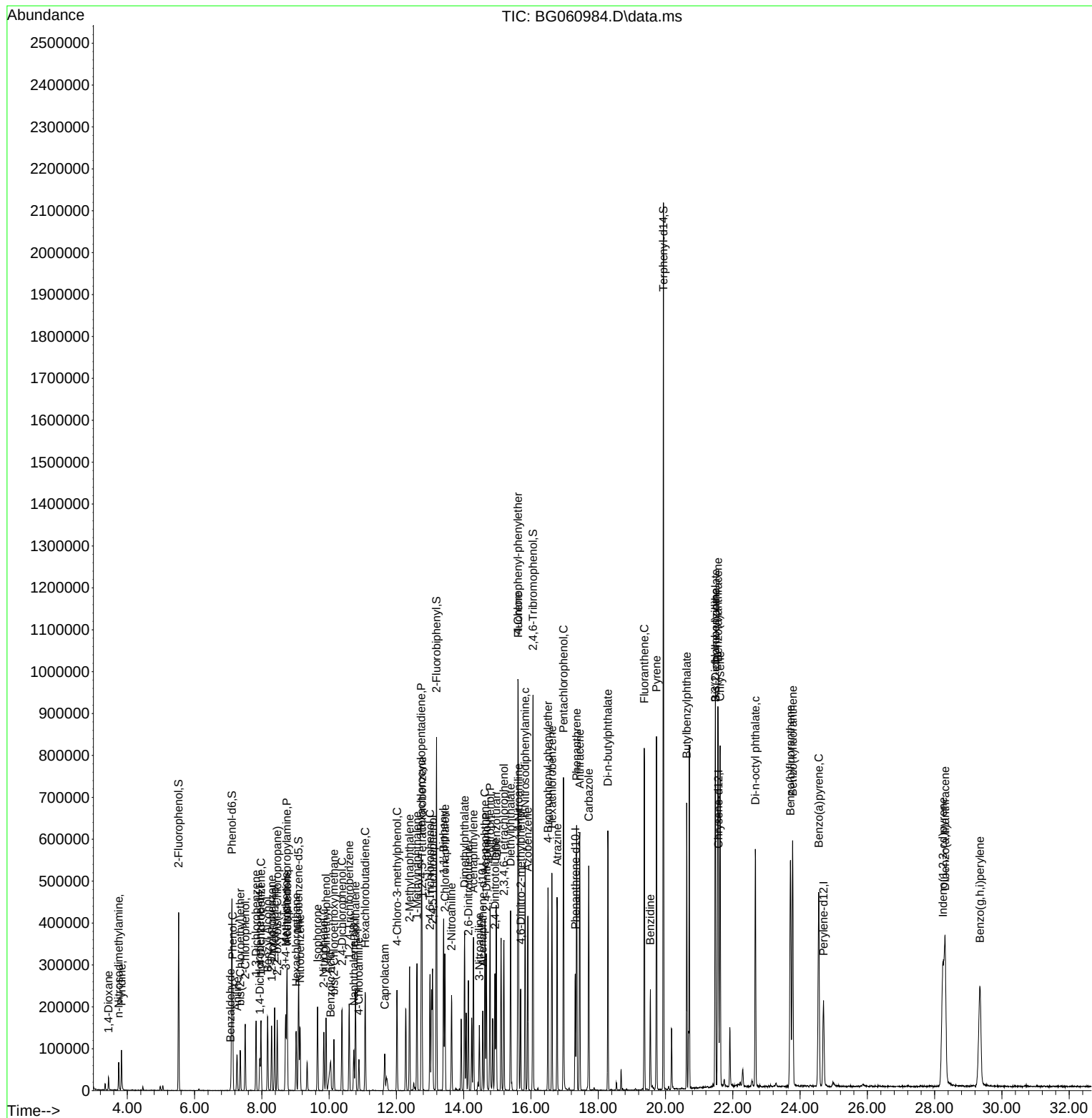
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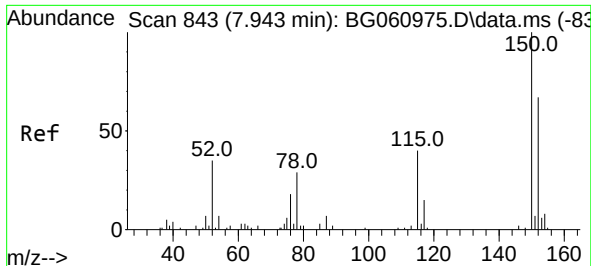
Instrument :
BNA_G
ClientSampleId :
PB160360BS

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Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.940 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: BG060984.D
 Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

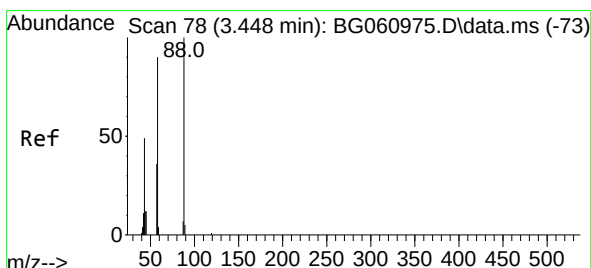
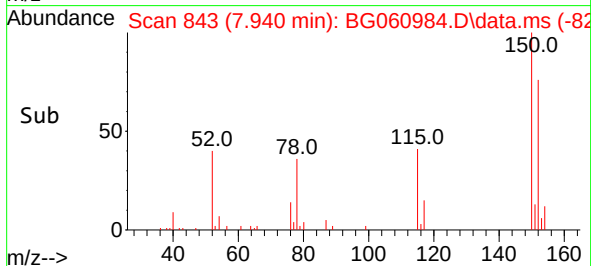
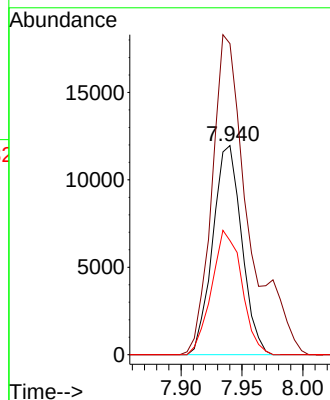
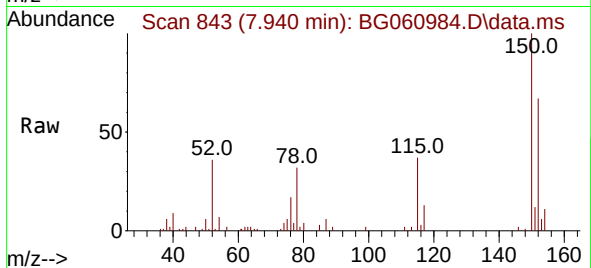
PB160360BS

Tgt Ion:152 Resp: 1980
 Ion Ratio Lower Upper
 152 100
 150 148.7 118.6 178.0
 115 54.5 47.4 71.0

Manual Integrations

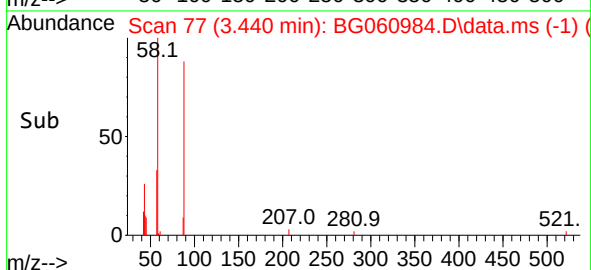
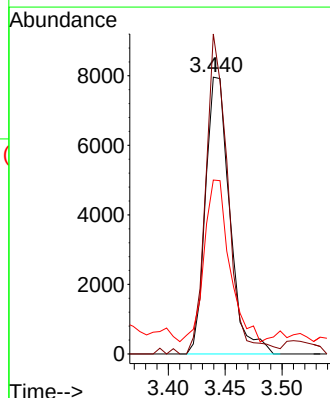
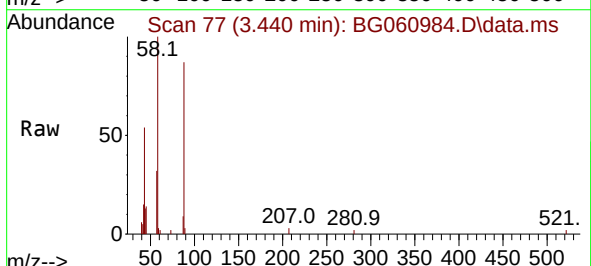
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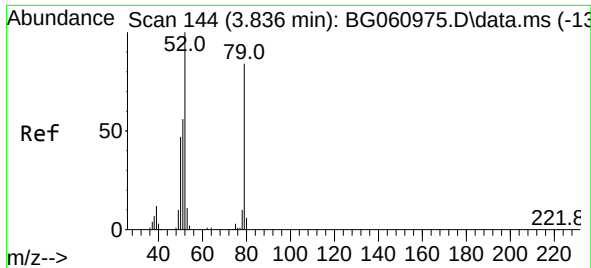
Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024



#2
 1,4-Dioxane
 Concen: 34.829 ng
 RT: 3.440 min Scan# 77
 Delta R.T. -0.009 min
 Lab File: BG060984.D
 Acq: 21 Apr 2024 2:31

Tgt Ion: 88 Resp: 11801
 Ion Ratio Lower Upper
 88 100
 58 105.5 80.2 120.2
 43 60.7 43.4 65.0





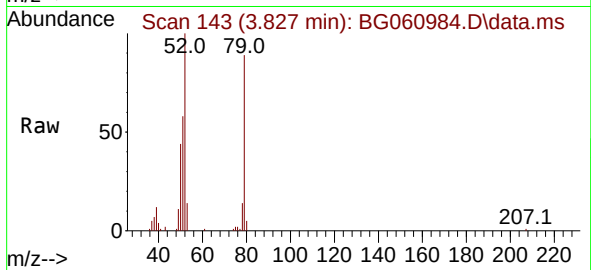
#3
Pyridine
Concen: 31.997 ng
RT: 3.827 min Scan# 144
Delta R.T. -0.009 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

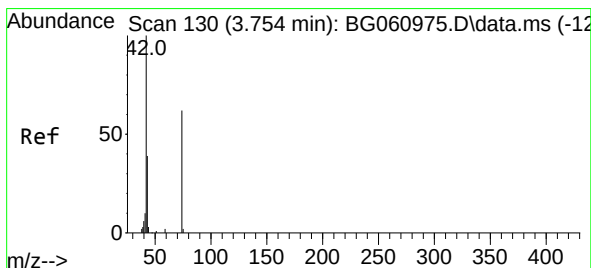
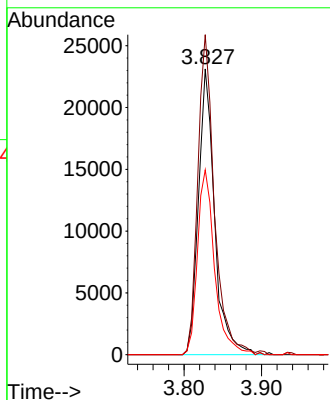
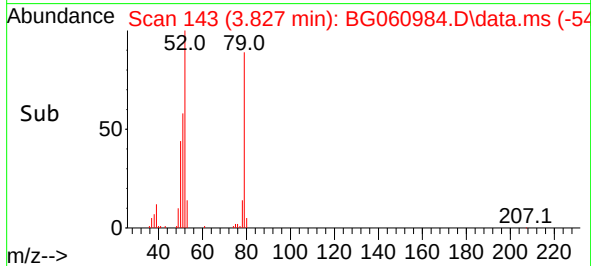
PB160360BS



Tgt Ion: 79 Resp: 3351
Ion Ratio Lower Upper
79 100
52 112.0 95.0 142.6
51 64.7 53.3 79.9

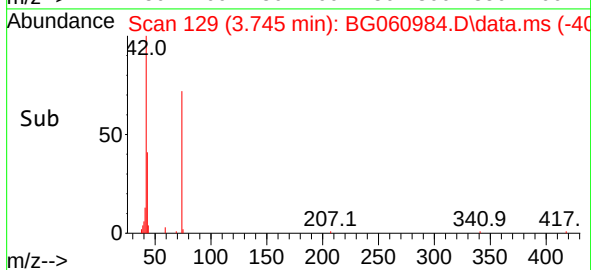
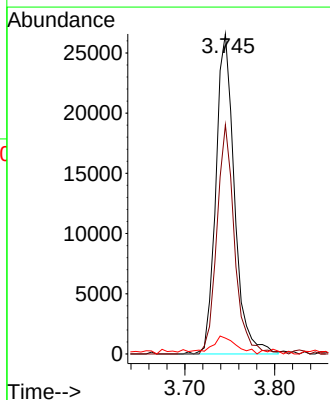
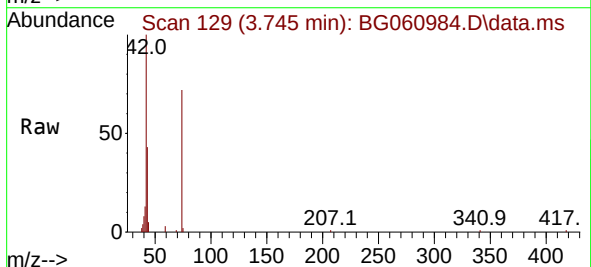
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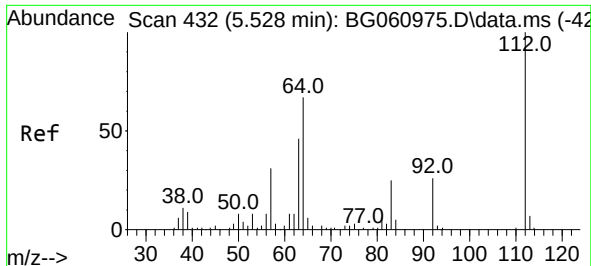
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#4
n-Nitrosodimethylamine
Concen: 40.492 ng
RT: 3.745 min Scan# 129
Delta R.T. -0.009 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Tgt Ion: 42 Resp: 38142
Ion Ratio Lower Upper
42 100
74 71.6 49.8 74.6
44 4.9 3.8 5.6





#5
2-Fluorophenol
Concen: 146.224 ng
RT: 5.525 min Scan# 432
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

PB160360BS

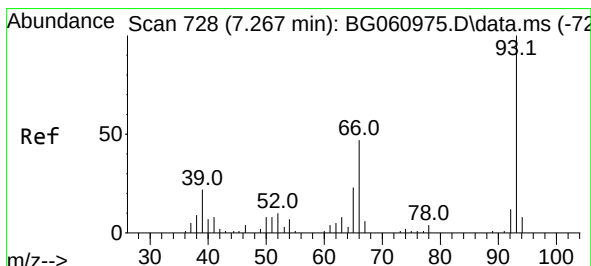
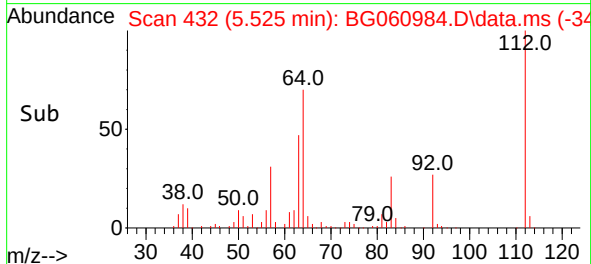
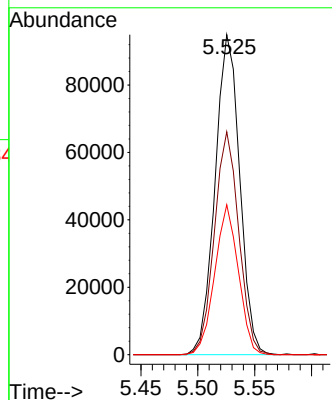
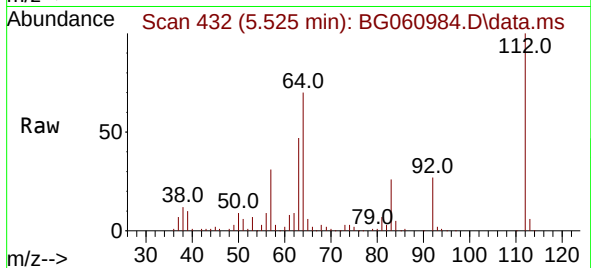
Tgt Ion:112 Resp: 14315
Ion Ratio Lower Upper
112 100
64 69.6 53.7 80.5
63 46.9 37.0 55.6

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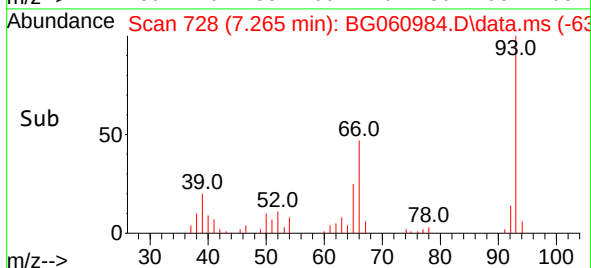
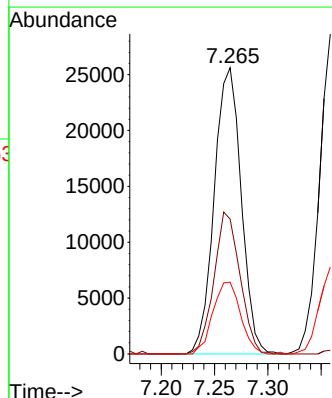
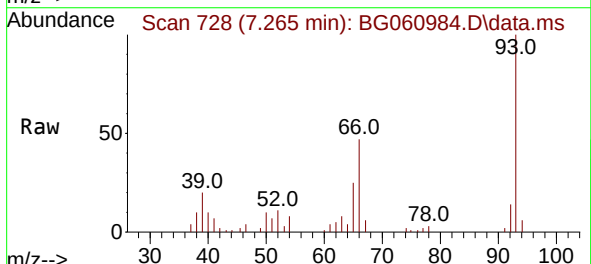
Reviewed By :Yogesh Patel 04/24/2024

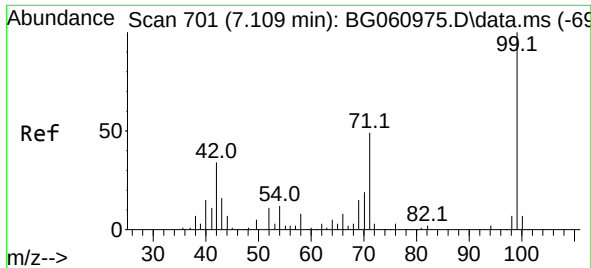
Supervised By :mohammad ahmed 04/24/2024



#6
Aniline
Concen: 25.779 ng
RT: 7.265 min Scan# 728
Delta R.T. -0.003 min
Lab File: BG060984.D
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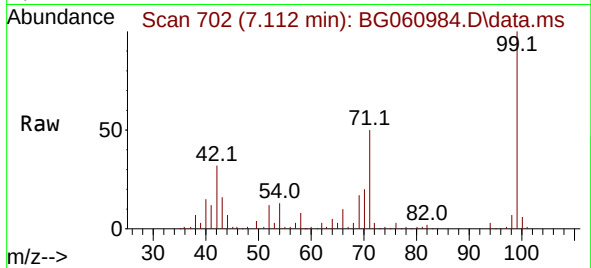
Tgt Ion: 93 Resp: 45005
Ion Ratio Lower Upper
93 100
66 47.1 37.9 56.9
65 25.1 18.2 27.4





#7
Phenol-d6
Concen: 140.481 ng
RT: 7.112 min Scan# 701
Delta R.T. 0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

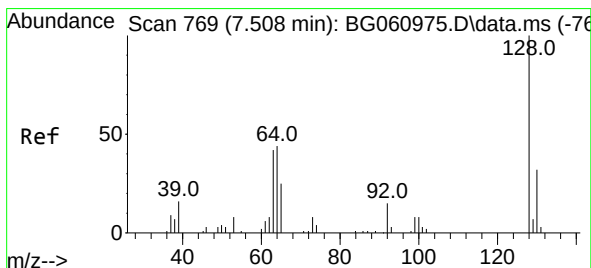
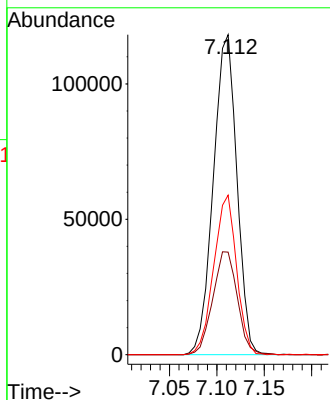
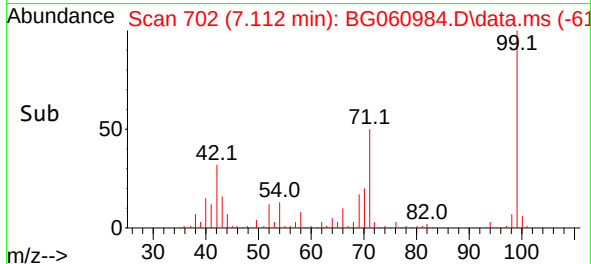
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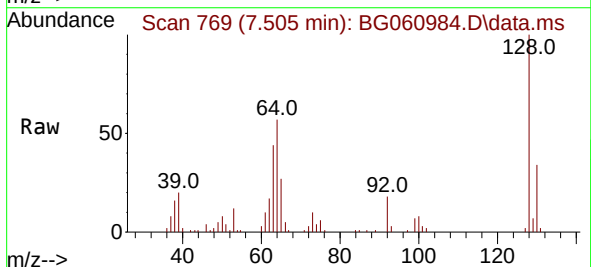
Tgt Ion: 99 Resp: 204062
Ion Ratio Lower Upper
99 100
42 32.1 27.2 40.8
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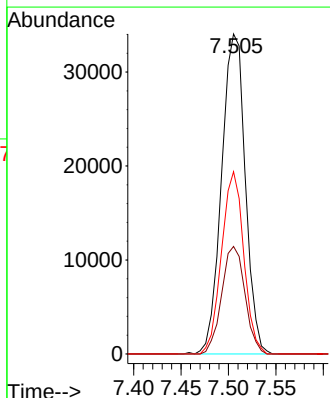
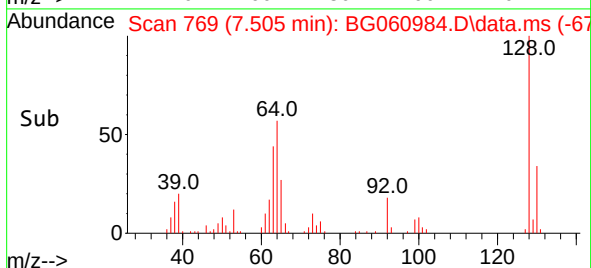
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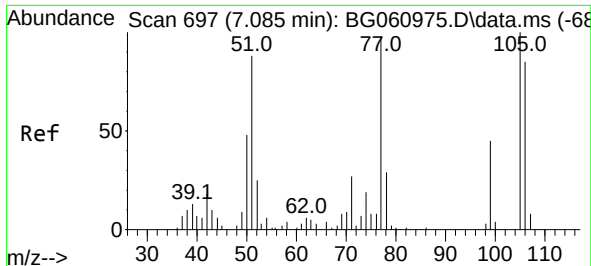


#8
2-Chlorophenol
Concen: 48.571 ng
RT: 7.505 min Scan# 769
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31



Tgt Ion:128 Resp: 59249
Ion Ratio Lower Upper
128 100
130 33.6 12.2 52.2
64 56.9 30.8 70.8





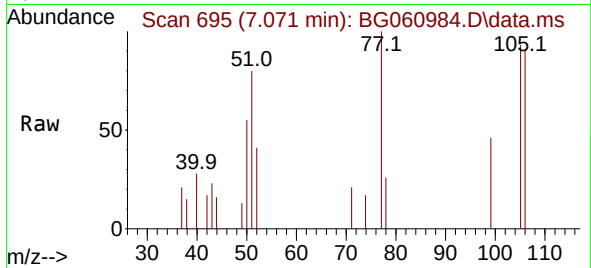
#9
Benzaldehyde
Concen: 3.768 ng
RT: 7.071 min Scan# 697
Delta R.T. -0.014 min
Lab File: BG060984.D
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ClientSampleId :

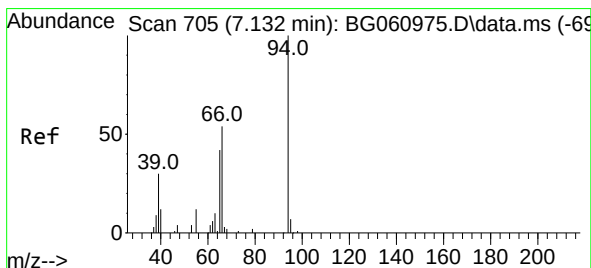
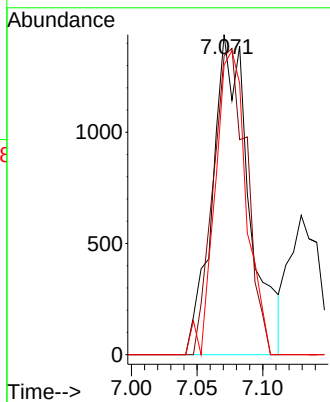
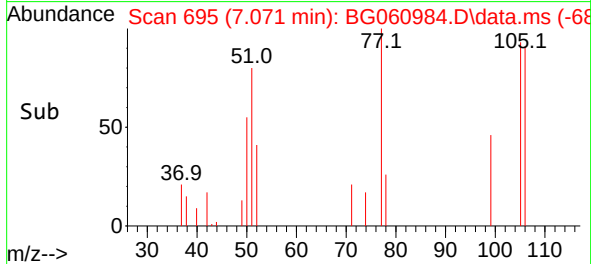
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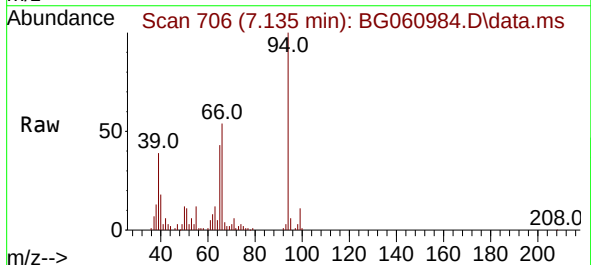
Tgt Ion: 77 Resp: 281
Ion Ratio Lower Upper
77 100
105 93.4 81.7 121.7
106 90.5 66.7 106.7

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APPROVED

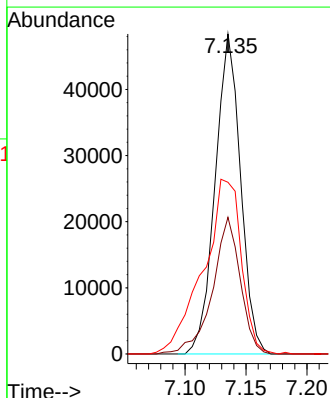
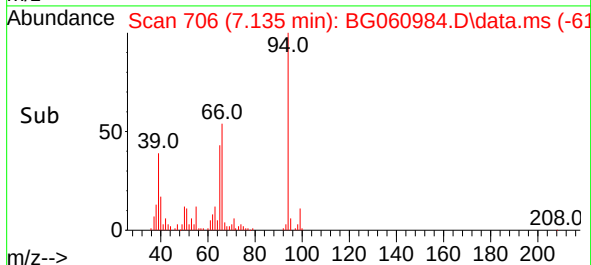
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

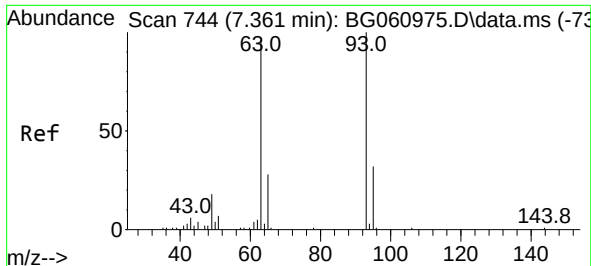


#10
Phenol
Concen: 48.579 ng
RT: 7.135 min Scan# 706
Delta R.T. 0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31



Tgt Ion: 94 Resp: 70108
Ion Ratio Lower Upper
94 100
65 42.7 23.1 63.1
66 53.7 38.0 78.0





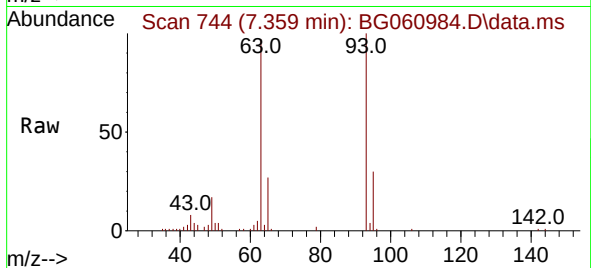
#11
bis(2-Chloroethyl)ether
Concen: 43.616 ng
RT: 7.359 min Scan# 744
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

PB160360BS



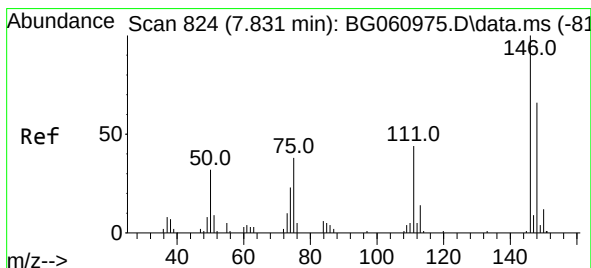
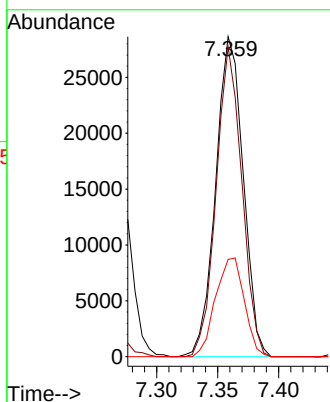
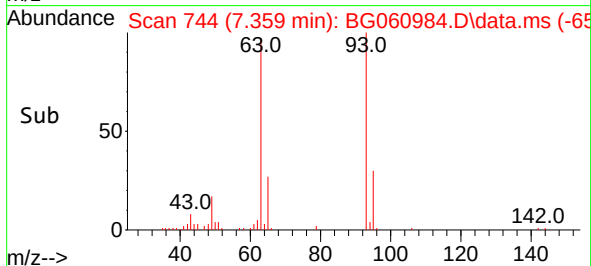
Tgt Ion: 93 Resp: 45038
Ion Ratio Lower Upper
93 100
63 96.8 75.6 115.6
95 30.4 12.1 52.1

Manual Integrations

APPROVED

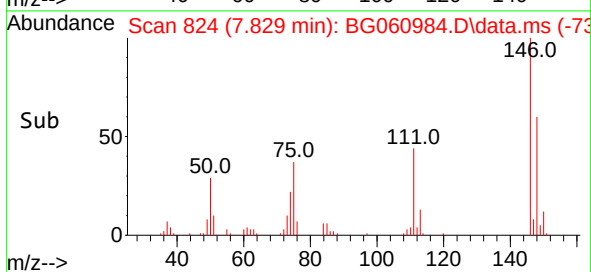
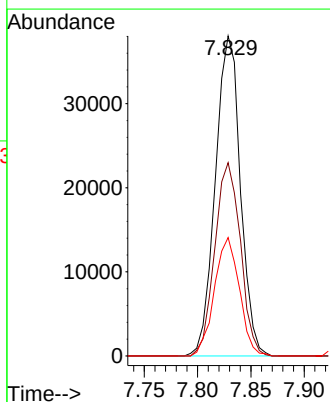
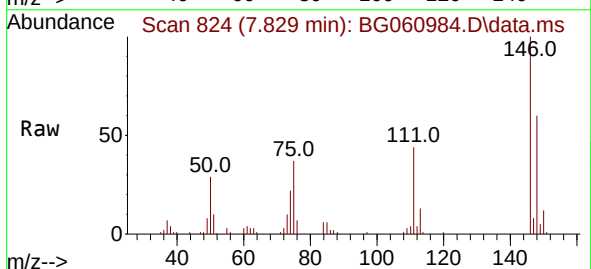
Reviewed By :Yogesh Patel 04/24/2024

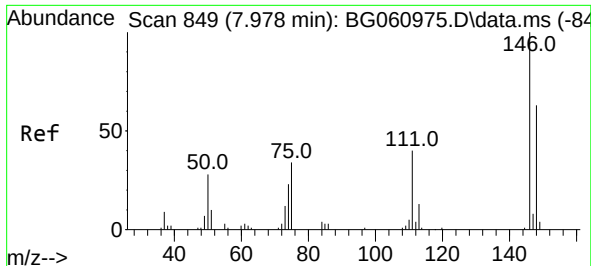
Supervised By :mohammad ahmed 04/24/2024



#12
1,3-Dichlorobenzene
Concen: 45.942 ng
RT: 7.829 min Scan# 824
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Tgt Ion:146 Resp: 62148
Ion Ratio Lower Upper
146 100
148 60.4 52.7 79.1
75 37.0 30.1 45.1





#13

1,4-Dichlorobenzene

Concen: 45.080 ng

RT: 7.975 min Scan# 849

Delta R.T. -0.003 min

Lab File: BG060984.D

Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

PB160360BS

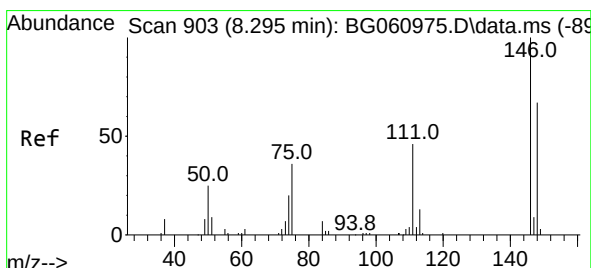
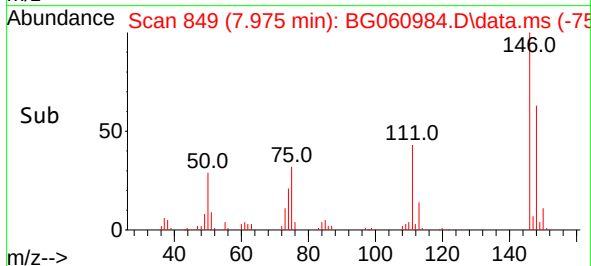
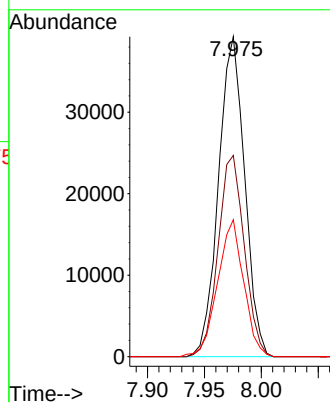
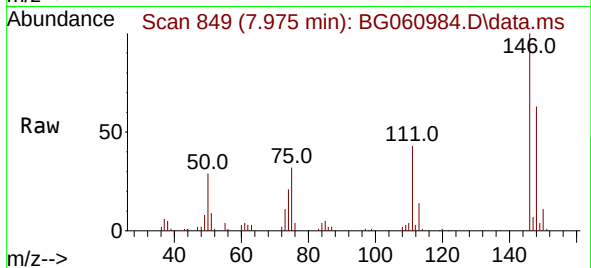
Tgt Ion:146 Resp: 62814
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.4 75.6
 111 42.8 32.7 49.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#14

1,2-Dichlorobenzene

Concen: 44.447 ng

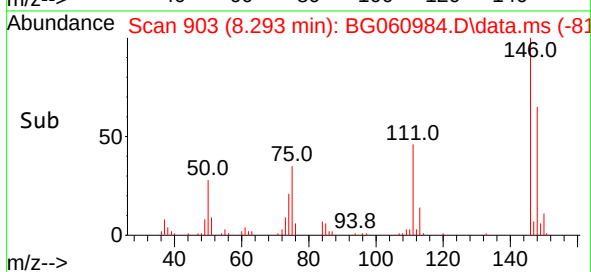
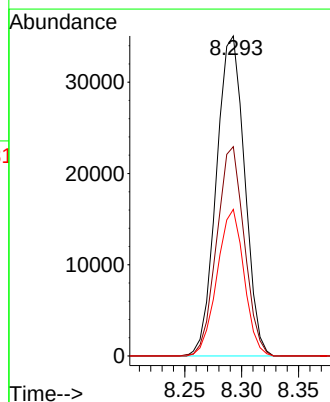
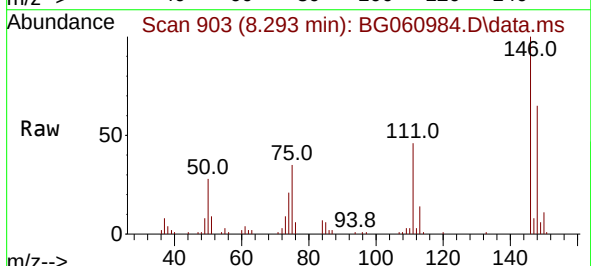
RT: 8.293 min Scan# 903

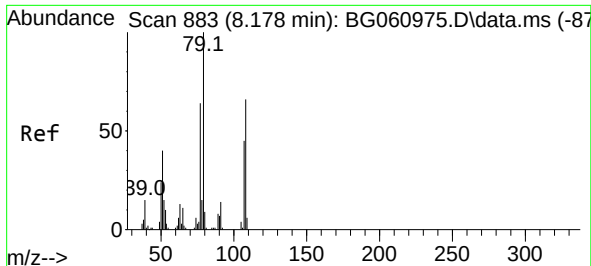
Delta R.T. -0.003 min

Lab File: BG060984.D

Acq: 21 Apr 2024 2:31

Tgt Ion:146 Resp: 60526
 Ion Ratio Lower Upper
 146 100
 148 65.4 53.8 80.8
 111 45.8 38.2 57.2





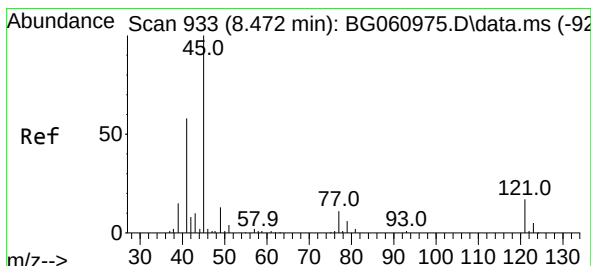
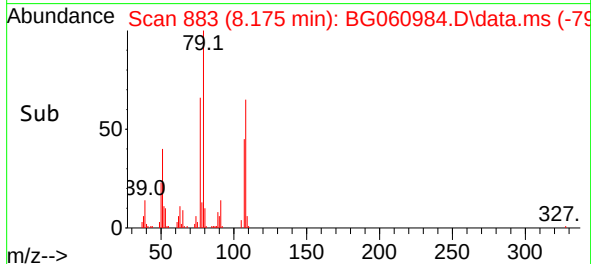
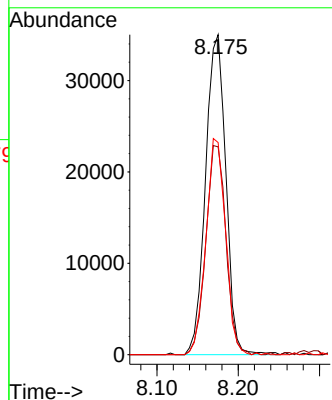
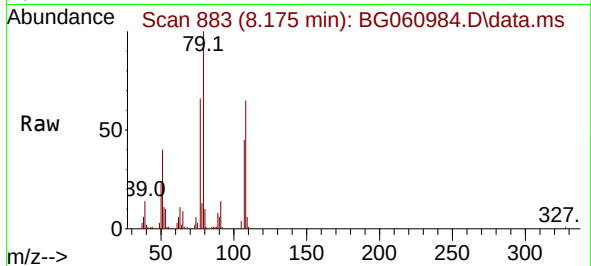
#15
Benzyl Alcohol
Concen: 44.308 ng
RT: 8.175 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :
BNA_G
ClientSampleId :
PB160360BS

Tgt Ion: 79 Resp: 6076
Ion Ratio Lower Upper
79 100
108 65.0 53.0 79.6
77 66.3 51.4 77.0

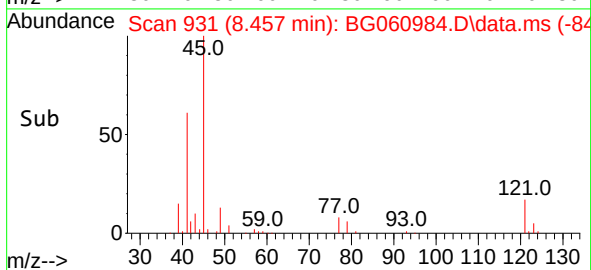
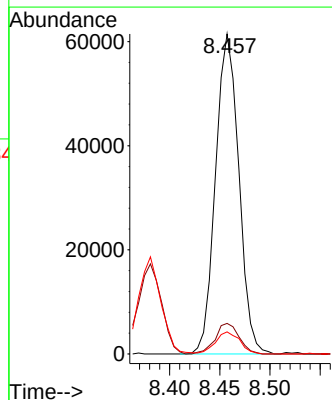
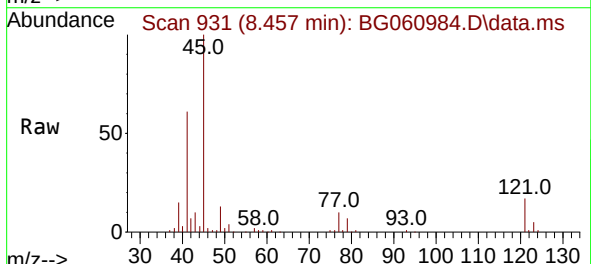
Manual Integrations
APPROVED

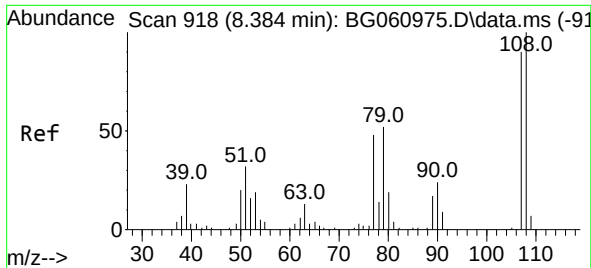
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.063 ng
RT: 8.457 min Scan# 931
Delta R.T. -0.014 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Tgt Ion: 45 Resp: 99039
Ion Ratio Lower Upper
45 100
77 9.6 0.0 30.6
79 6.9 0.0 26.6





#17
2-Methylphenol
Concen: 42.776 ng
RT: 8.381 min Scan# 918
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

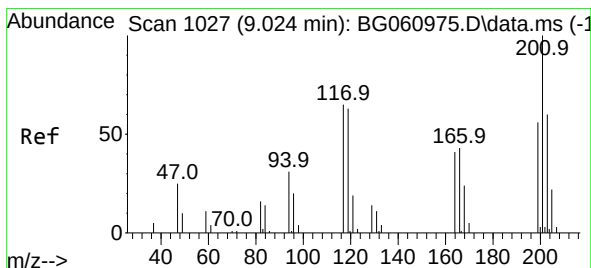
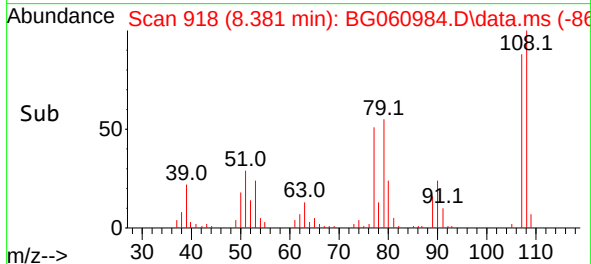
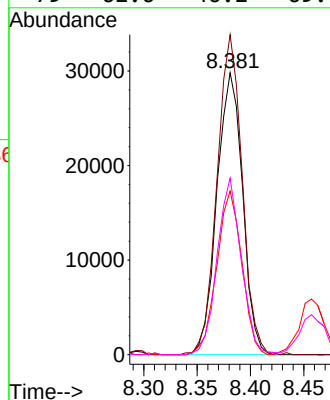
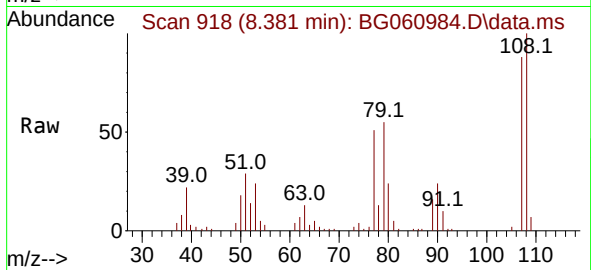
PB160360BS

Tgt Ion:107 Resp: 4984
Ion Ratio Lower Upper
107 100
108 113.5 89.2 133.8
77 58.1 43.0 64.6
79 62.6 46.2 69.4

Manual Integrations

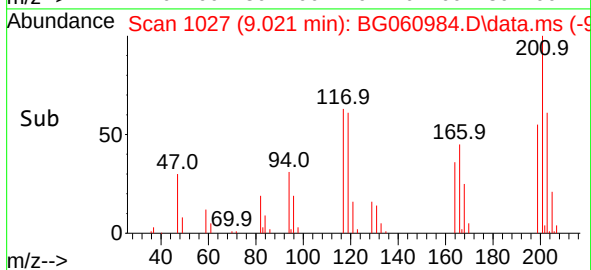
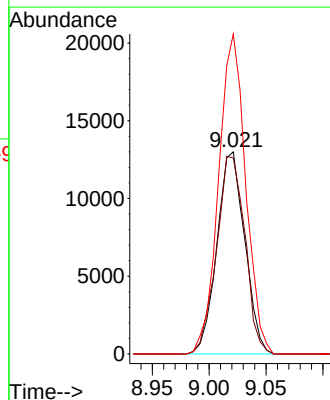
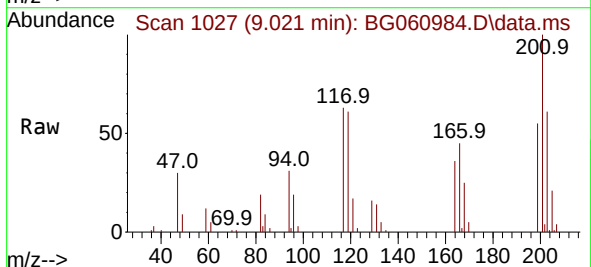
APPROVED

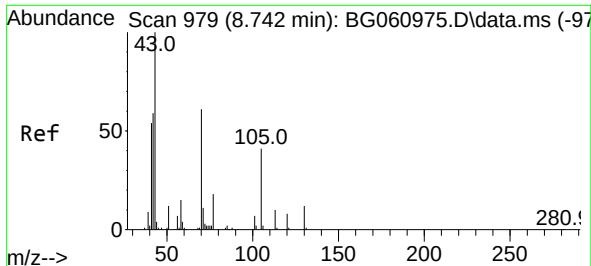
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#18
Hexachloroethane
Concen: 44.017 ng
RT: 9.021 min Scan# 1027
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Tgt Ion:117 Resp: 22100
Ion Ratio Lower Upper
117 100
119 97.0 79.8 119.8
201 158.4 124.0 186.0





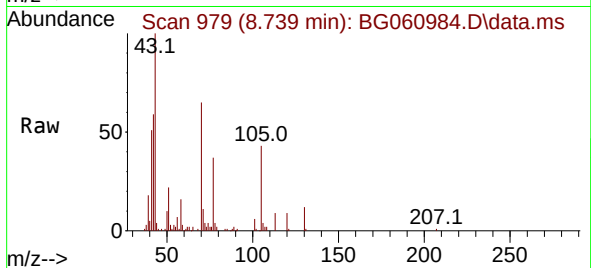
#19
n-Nitroso-di-n-propylamine
Concen: 41.993 ng
RT: 8.739 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

PB160360BS



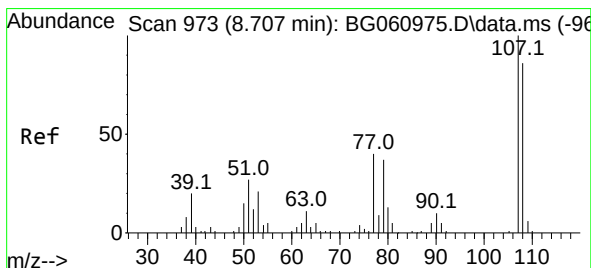
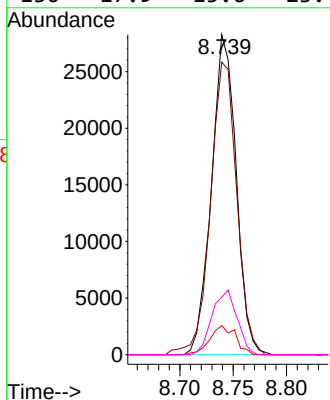
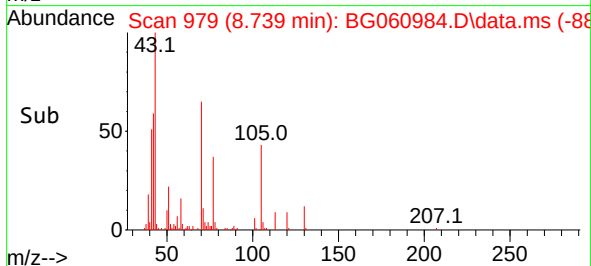
Tgt Ion: 70 Resp: 45459
Ion Ratio Lower Upper
70 100
42 91.4 78.0 117.0
101 9.1 8.6 13.0
130 17.9 15.6 23.4

Manual Integrations

APPROVED

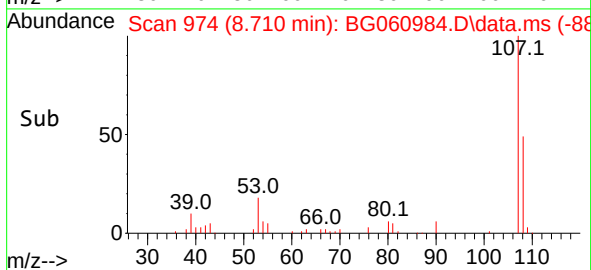
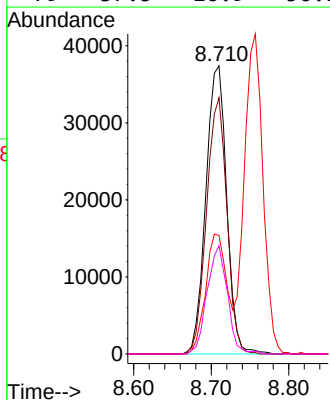
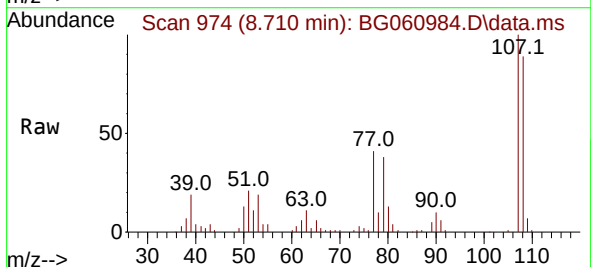
Reviewed By :Yogesh Patel 04/24/2024

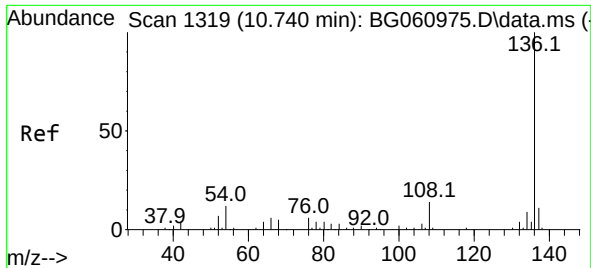
Supervised By :mohammad ahmed 04/24/2024



#20
3+4-Methylphenols
Concen: 42.779 ng
RT: 8.710 min Scan# 974
Delta R.T. 0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Tgt Ion:107 Resp: 69717
Ion Ratio Lower Upper
107 100
108 88.9 66.5 106.5
77 41.2 19.9 59.9
79 37.5 16.9 56.9





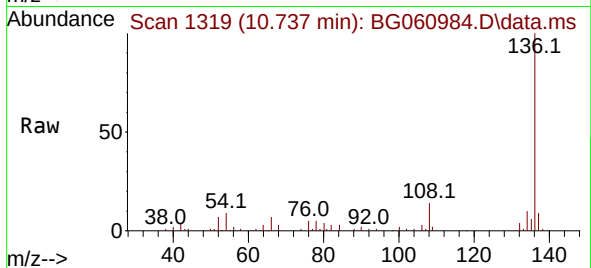
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 1319
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

PB160360BS



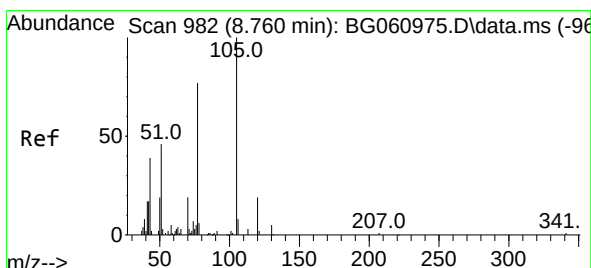
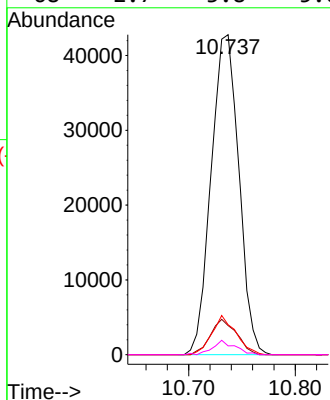
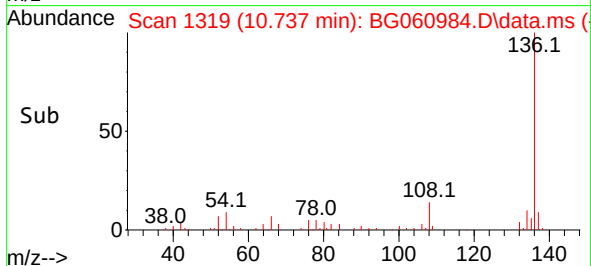
Tgt Ion:	136	Resp:	77234
Ion Ratio	Lower	Upper	
136	100		
137	9.1	8.5	12.7
54	9.3	9.4	14.0
68	2.7	3.8	5.6

Manual Integrations

APPROVED

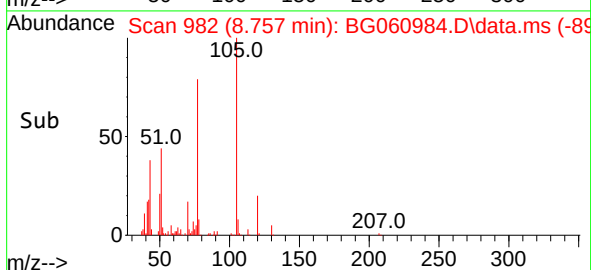
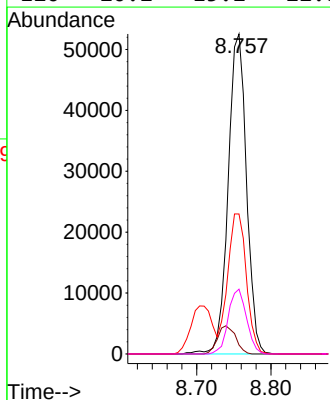
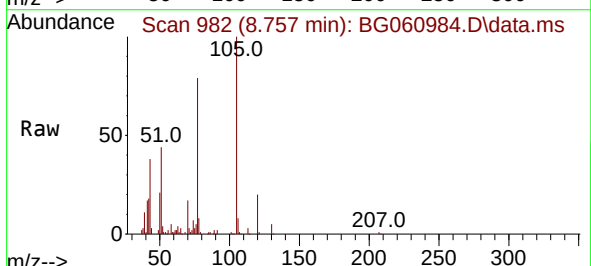
Reviewed By :Yogesh Patel 04/24/2024

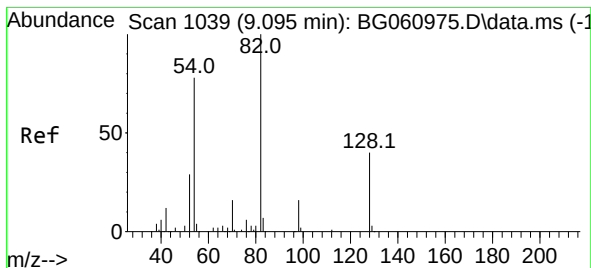
Supervised By :mohammad ahmed 04/24/2024



#22
Acetophenone
Concen: 41.801 ng
RT: 8.757 min Scan# 982
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Tgt Ion:	105	Resp:	90150
Ion Ratio	Lower	Upper	
105	100		
71	2.8	2.5	3.7
51	43.8	37.8	56.6
120	20.2	15.2	22.8





#23

Nitrobenzene-d5

Concen: 81.614 ng

RT: 9.092 min Scan# 1039

Delta R.T. -0.003 min

Lab File: BG060984.D

Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

PB160360BS

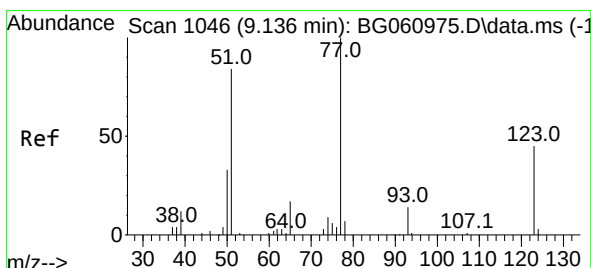
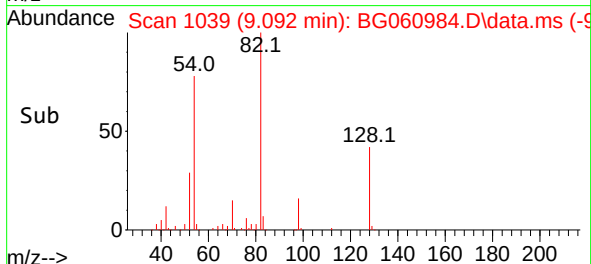
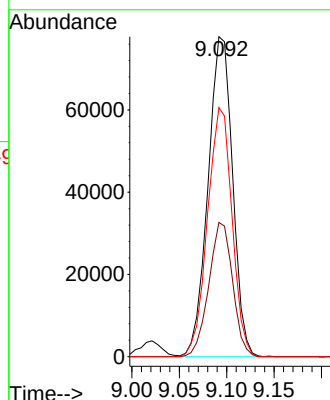
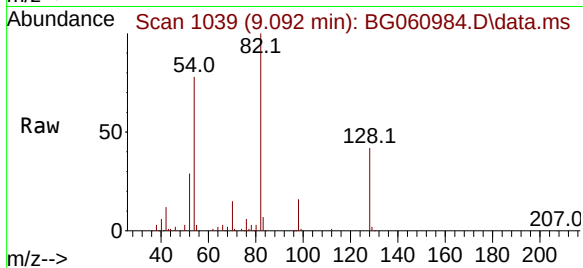
Tgt Ion:	82	Resp:	140290
Ion Ratio	Lower	Upper	
82	100		
128	41.9	32.1	48.1
54	77.9	62.3	93.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#24

Nitrobenzene

Concen: 41.752 ng

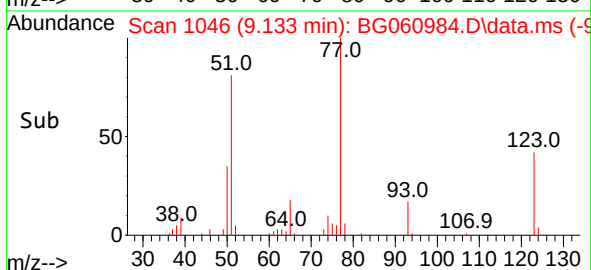
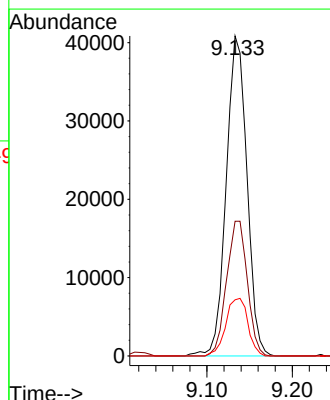
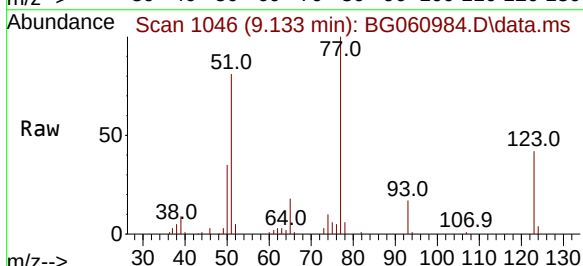
RT: 9.133 min Scan# 1046

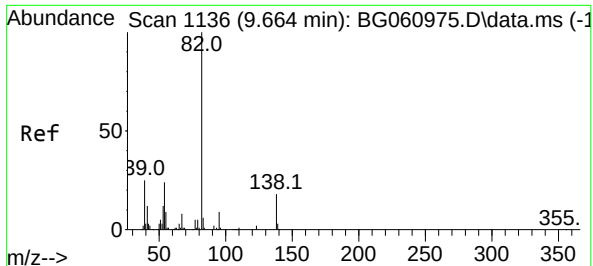
Delta R.T. -0.003 min

Lab File: BG060984.D

Acq: 21 Apr 2024 2:31

Tgt Ion:	77	Resp:	68968
Ion Ratio	Lower	Upper	
77	100		
123	42.1	35.9	53.9
65	17.5	13.3	19.9





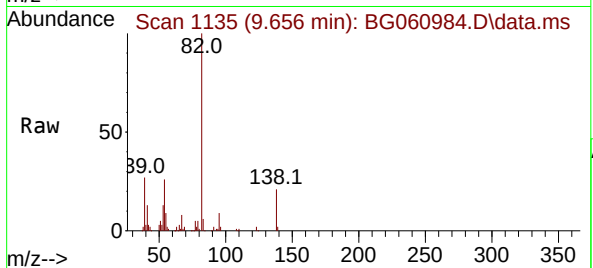
#25
Isophorone
Concen: 40.342 ng
RT: 9.656 min Scan# 1135
Delta R.T. -0.009 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

PB160360BS



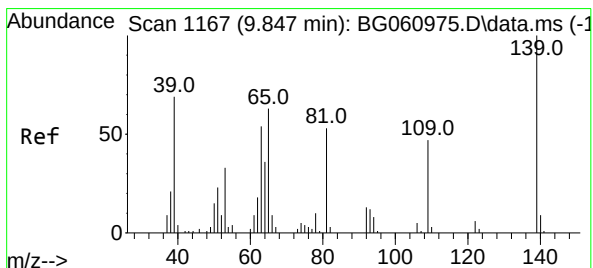
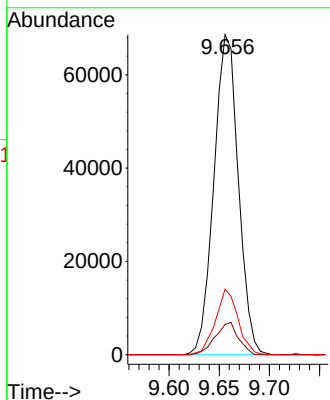
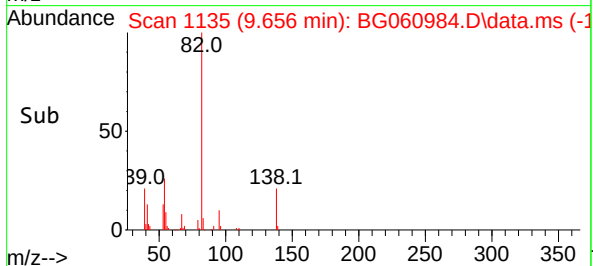
Tgt Ion: 82 Resp: 11605
Ion Ratio Lower Upper
82 100
95 9.5 7.6 11.4
138 20.5 14.2 21.2

Manual Integrations

APPROVED

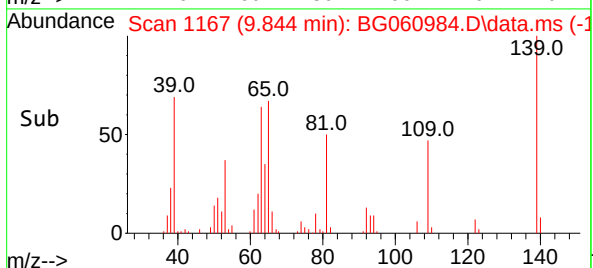
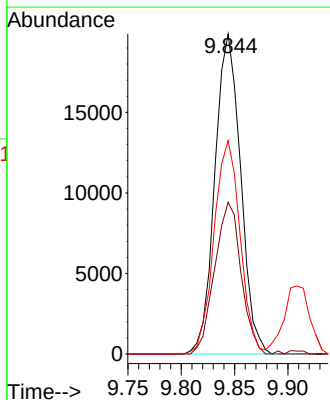
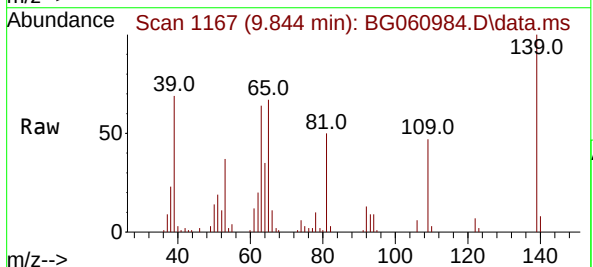
Reviewed By :Yogesh Patel 04/24/2024

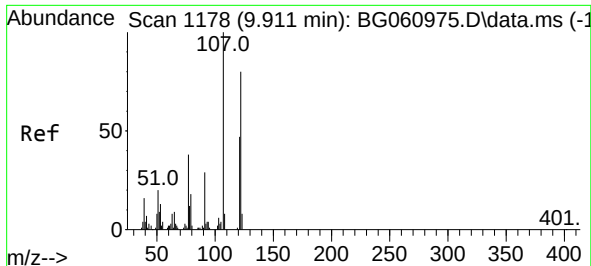
Supervised By :mohammad ahmed 04/24/2024



#26
2-Nitrophenol
Concen: 42.936 ng
RT: 9.844 min Scan# 1167
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Tgt Ion:139 Resp: 33333
Ion Ratio Lower Upper
139 100
109 47.4 37.4 56.2
65 66.7 50.4 75.6





#27

2,4-Dimethylphenol

Concen: 35.902 ng

RT: 9.908 min Scan# 1178

Delta R.T. -0.003 min

Lab File: BG060984.D

Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

PB160360BS

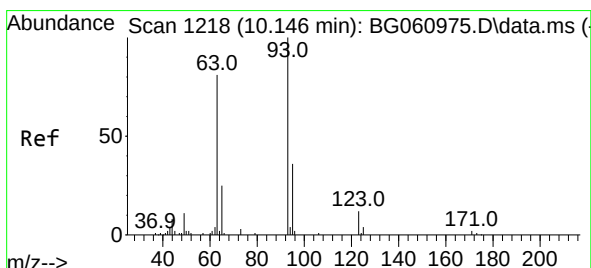
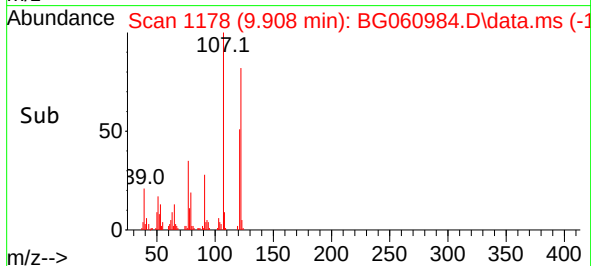
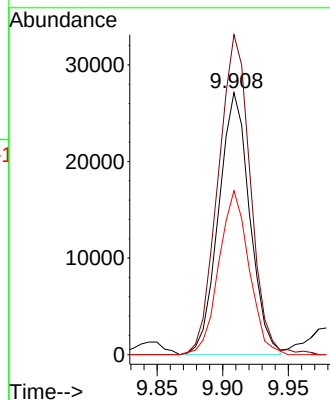
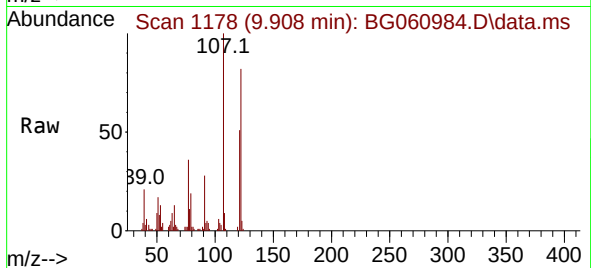
Tgt Ion:	122	Resp:	44679
Ion Ratio	Lower	Upper	
122	100		
107	122.1	98.7	148.1
121	62.6	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#28

bis(2-Chloroethoxy)methane

Concen: 41.693 ng

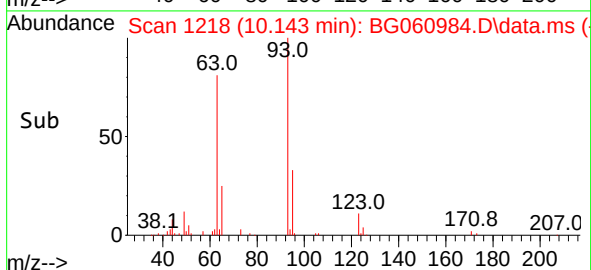
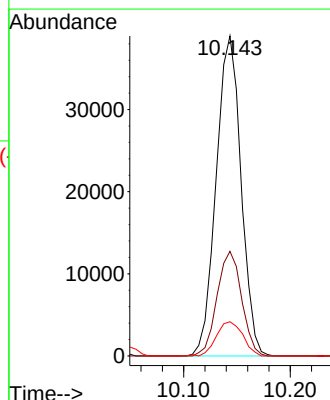
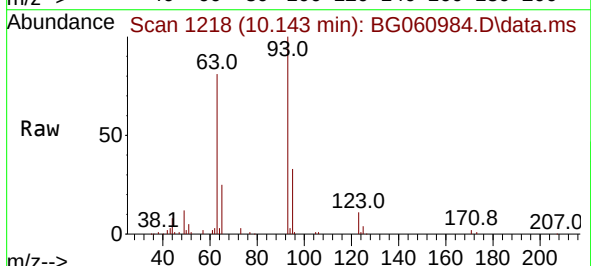
RT: 10.143 min Scan# 1218

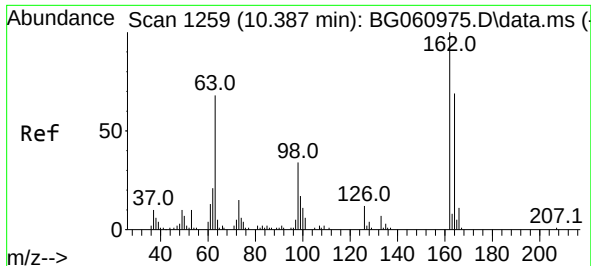
Delta R.T. -0.003 min

Lab File: BG060984.D

Acq: 21 Apr 2024 2:31

Tgt Ion:	93	Resp:	63096
Ion Ratio	Lower	Upper	
93	100		
95	32.7	28.8	43.2
123	10.7	9.8	14.6





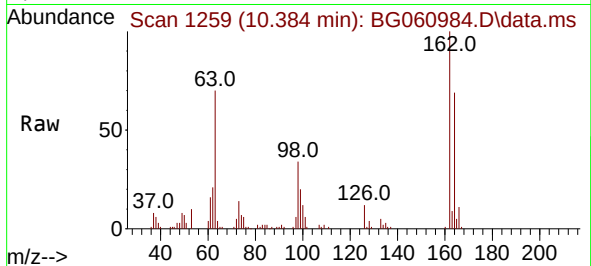
#29
2,4-Dichlorophenol
Concen: 44.348 ng
RT: 10.384 min Scan# 1259
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

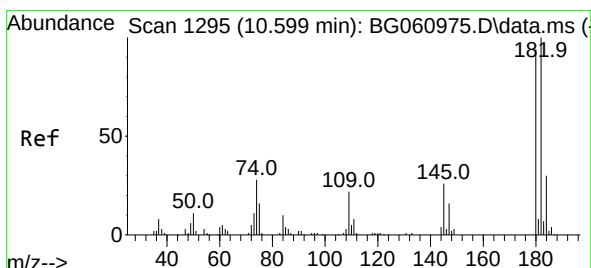
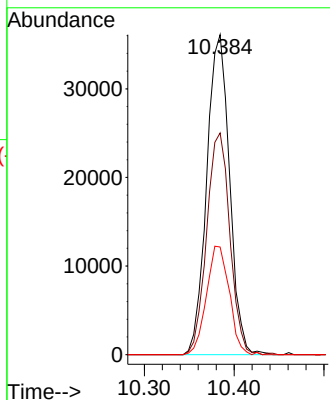
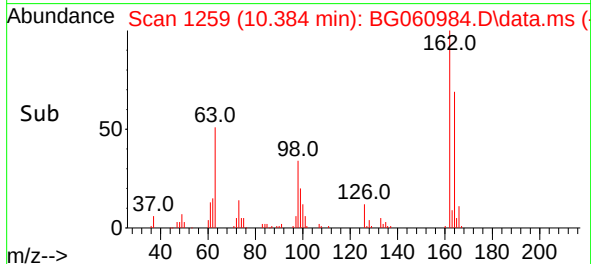
PB160360BS



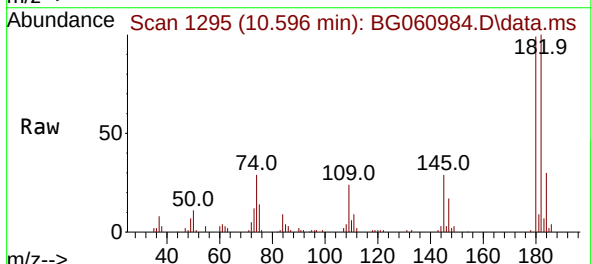
Tgt Ion:162 Resp: 6369
Ion Ratio Lower Upper
162 100
164 69.3 49.0 89.0
98 33.7 14.3 54.3

Manual Integrations
APPROVED

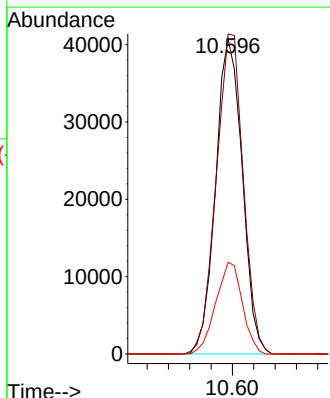
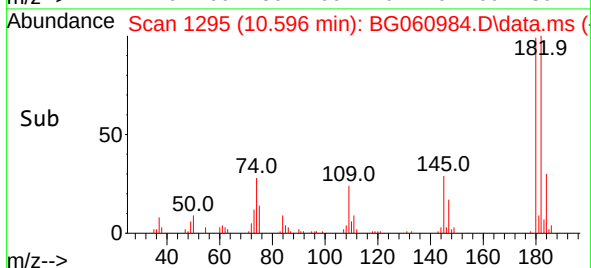
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

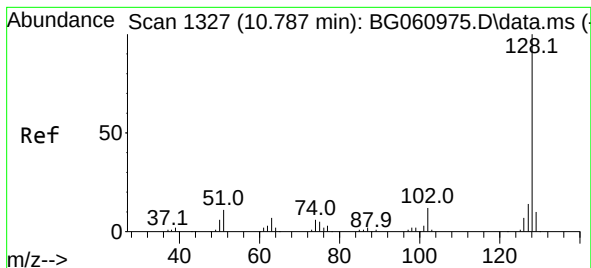


#30
1,2,4-Trichlorobenzene
Concen: 44.535 ng
RT: 10.596 min Scan# 1295
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31



Tgt Ion:180 Resp: 70569
Ion Ratio Lower Upper
180 100
182 101.5 85.4 128.2
145 29.1 22.6 33.8





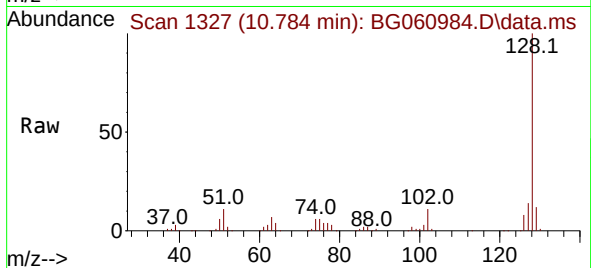
#31
Naphthalene
Concen: 42.461 ng
RT: 10.784 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

PB160360BS



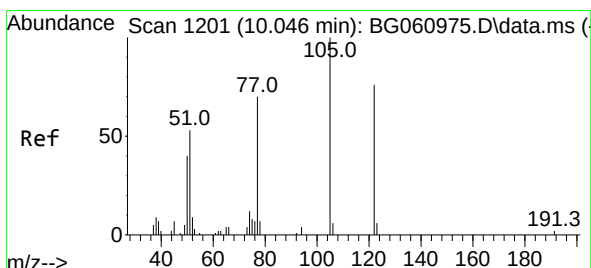
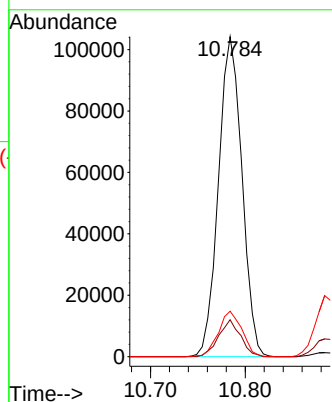
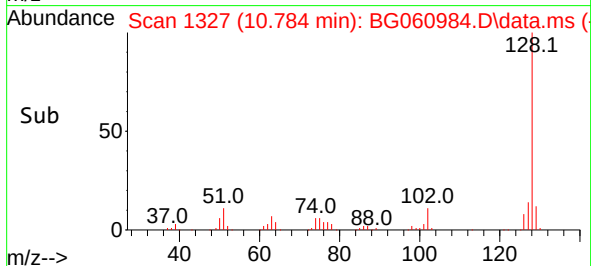
Tgt Ion:128 Resp: 17954
Ion Ratio Lower Upper
128 100
129 11.6 8.2 12.4
127 14.2 11.4 17.2

Manual Integrations

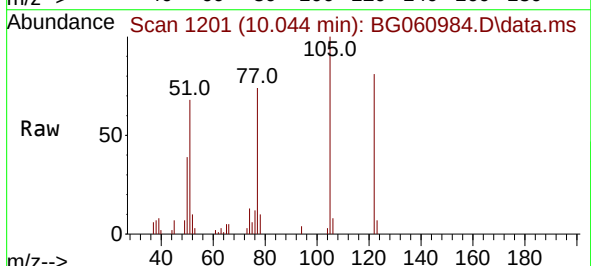
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

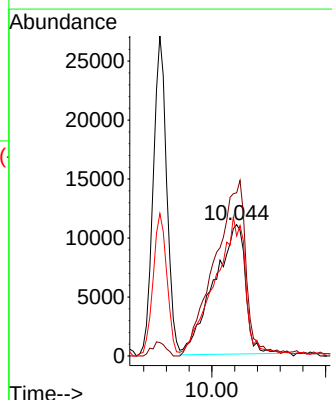
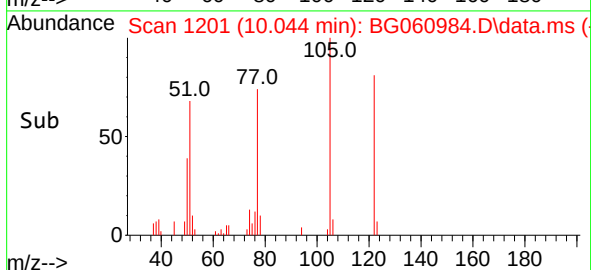
Supervised By :mohammad ahmed 04/24/2024

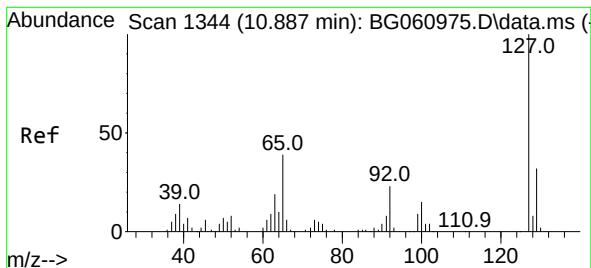


#32
Benzoic acid
Concen: 44.442 ng
RT: 10.044 min Scan# 1201
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31



Tgt Ion:122 Resp: 42136
Ion Ratio Lower Upper
122 100
105 124.1 106.2 146.2
77 91.3 70.1 110.1





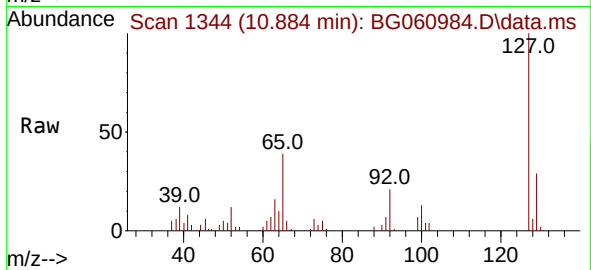
#33
4-Chloroaniline
Concen: 17.841 ng
RT: 10.884 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

PB160360BS



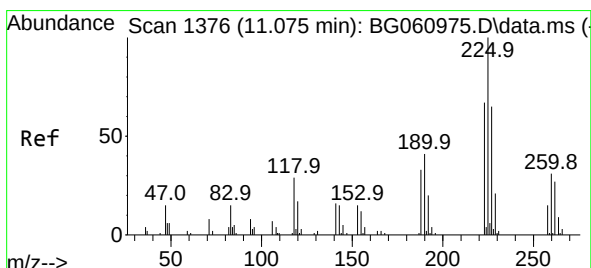
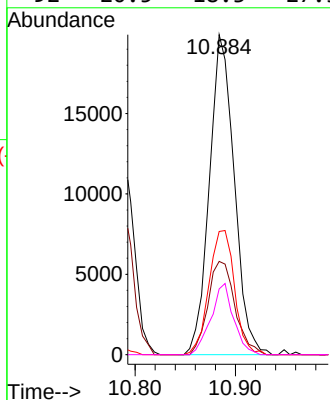
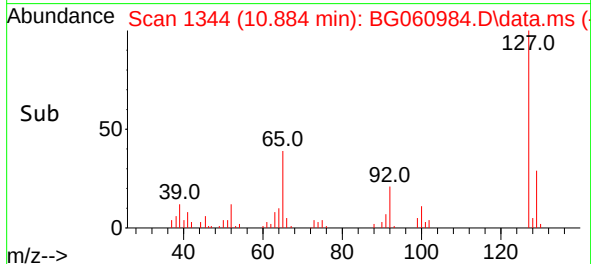
Tgt Ion:127 Resp: 34269
Ion Ratio Lower Upper
127 100
129 29.2 25.7 38.5
65 38.5 31.4 47.0
92 20.5 18.3 27.5

Manual Integrations

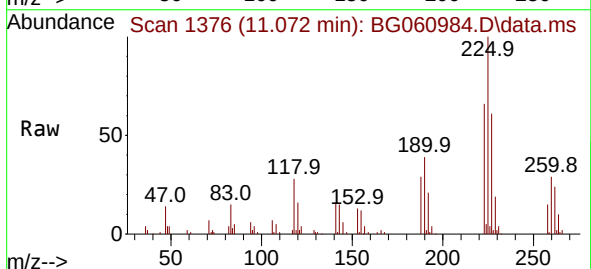
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

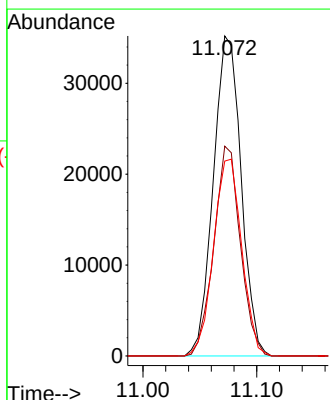
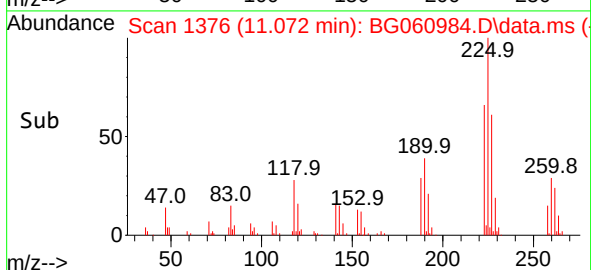
Supervised By :mohammad ahmed 04/24/2024

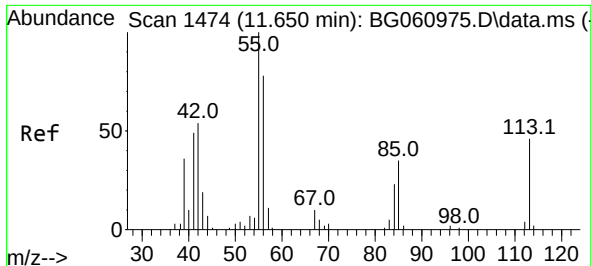


#34
Hexachlorobutadiene
Concen: 42.944 ng
RT: 11.072 min Scan# 1376
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31



Tgt Ion:225 Resp: 59844
Ion Ratio Lower Upper
225 100
223 65.6 53.2 79.8
227 60.9 51.9 77.9





#35
Caprolactam
Concen: 43.553 ng m
RT: 11.653 min Scan# 1474
Delta R.T. 0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

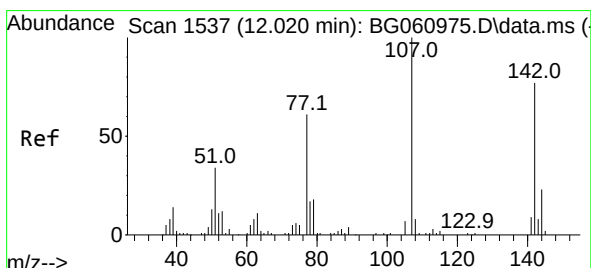
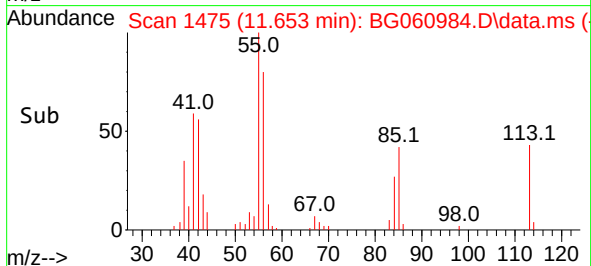
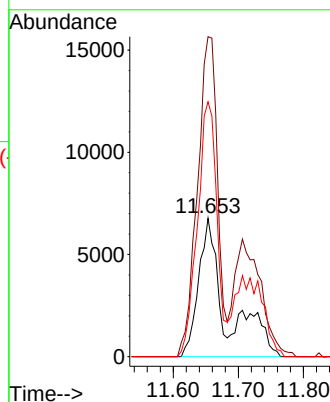
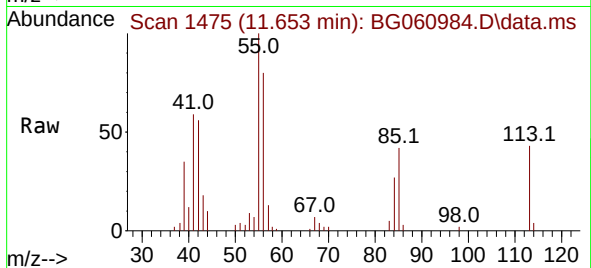
PB160360BS

Tgt Ion:113 Resp: 1992
Ion Ratio Lower Upper
113 100
55 231.3 197.9 237.9
56 184.2 151.1 191.1

Manual Integrations

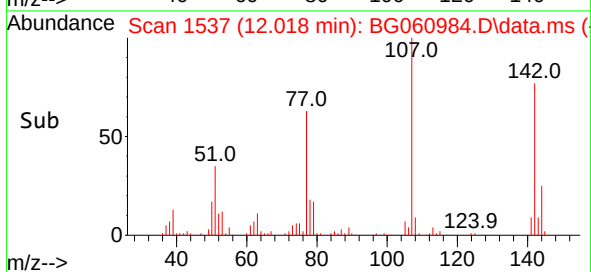
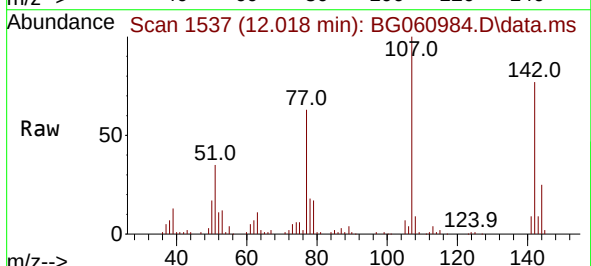
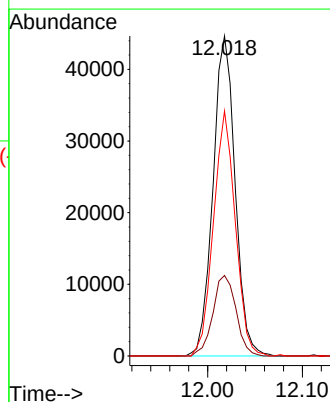
APPROVED

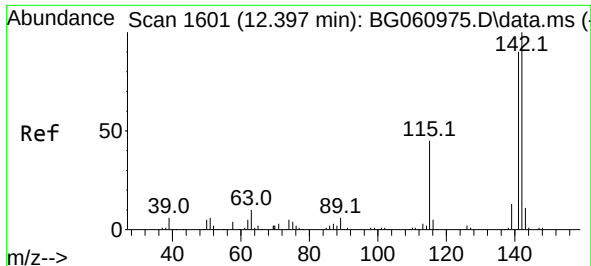
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#36
4-Chloro-3-methylphenol
Concen: 43.212 ng
RT: 12.018 min Scan# 1537
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Tgt Ion:107 Resp: 72380
Ion Ratio Lower Upper
107 100
144 25.2 18.5 27.7
142 76.6 61.4 92.0





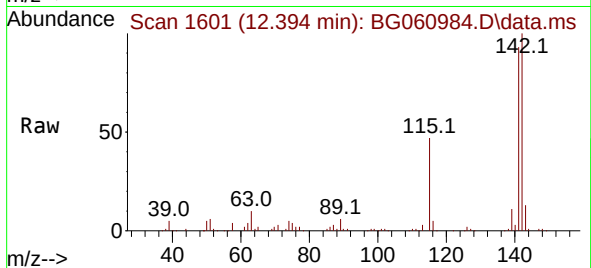
#37
2-Methylnaphthalene
Concen: 40.914 ng
RT: 12.394 min Scan# 1601
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

PB160360BS



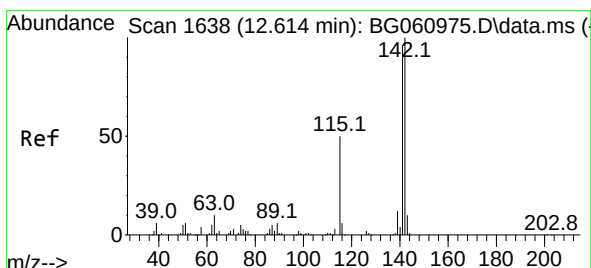
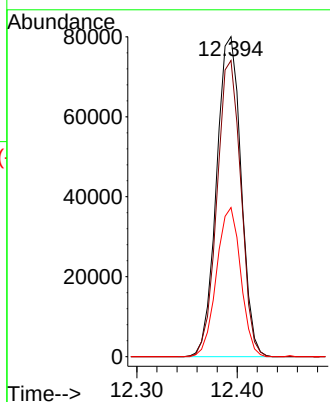
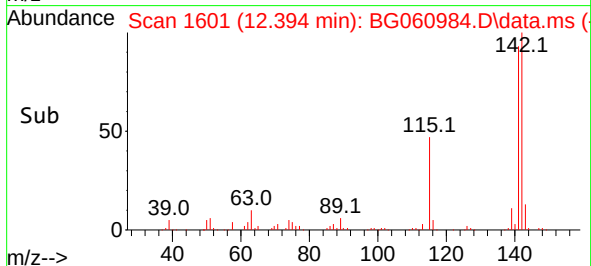
Tgt Ion:142 Resp: 13602
Ion Ratio Lower Upper
142 100
141 92.6 72.2 108.4
115 46.6 35.9 53.9

Manual Integrations

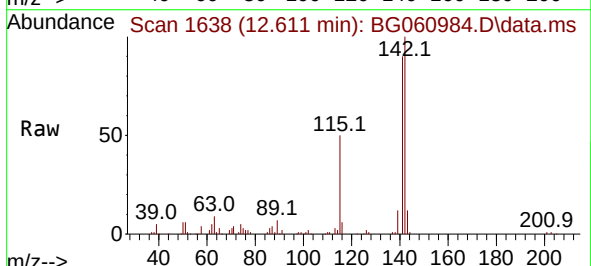
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

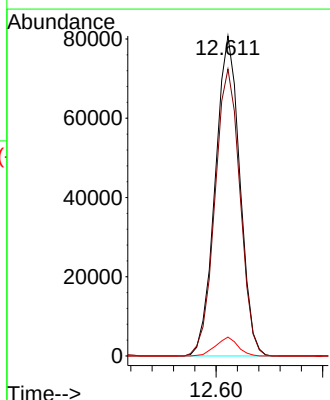
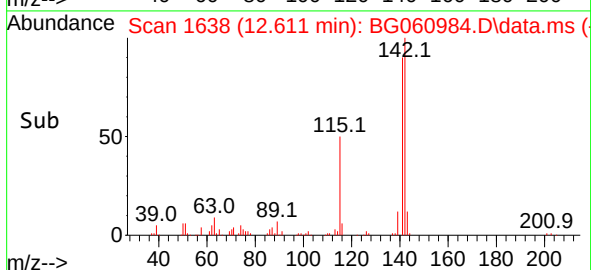
Supervised By :mohammad ahmed 04/24/2024

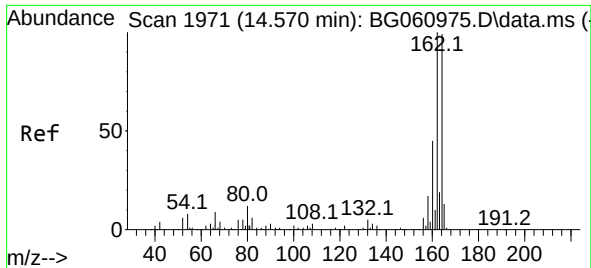


#38
1-Methylnaphthalene
Concen: 41.639 ng
RT: 12.611 min Scan# 1638
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31



Tgt Ion:142 Resp: 129181
Ion Ratio Lower Upper
142 100
141 89.6 76.8 115.2
116 5.9 4.4 6.6





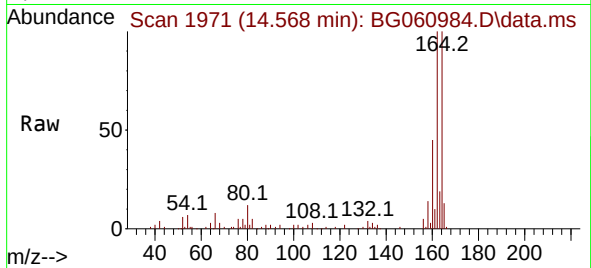
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1971
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

PB160360BS

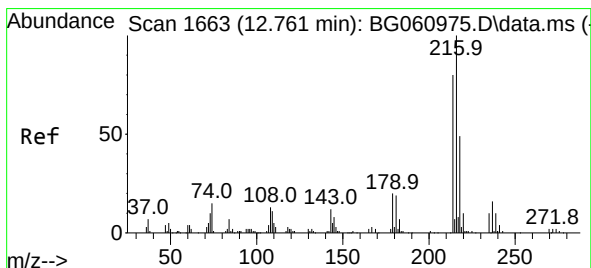
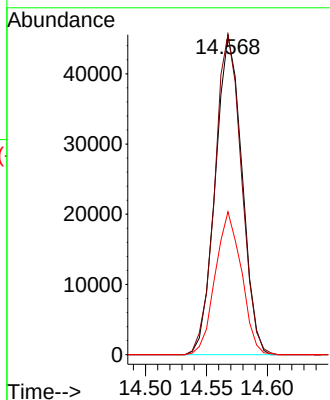
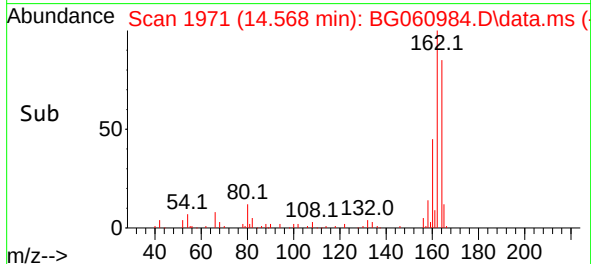


Tgt Ion:164 Resp: 69134
Ion Ratio Lower Upper
164 100
162 100.1 81.2 121.8
160 44.7 36.2 54.2

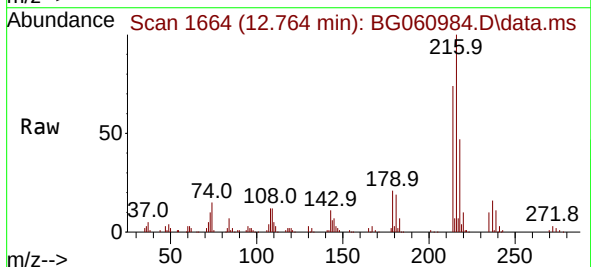
Manual Integrations

APPROVED

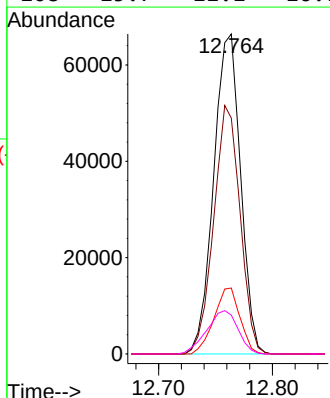
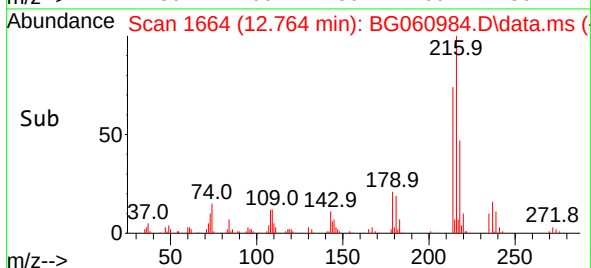
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

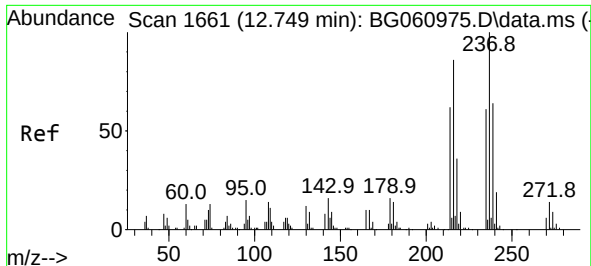


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.439 ng
RT: 12.764 min Scan# 1664
Delta R.T. 0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31



Tgt Ion:216 Resp: 109179
Ion Ratio Lower Upper
216 100
214 76.1 63.3 94.9
179 19.9 15.2 22.8
108 15.7 11.1 16.7





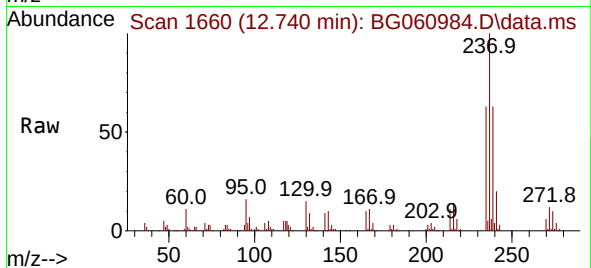
#41
Hexachlorocyclopentadiene
Concen: 98.072 ng
RT: 12.740 min Scan# 1660
Delta R.T. -0.009 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

PB160360BS



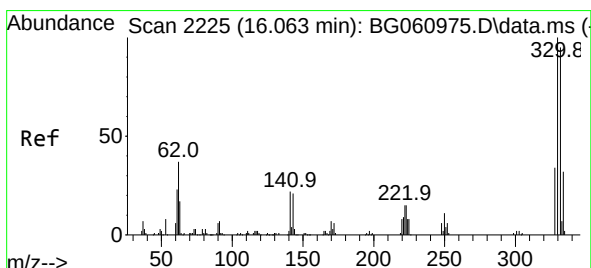
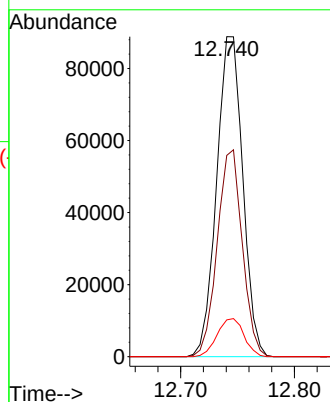
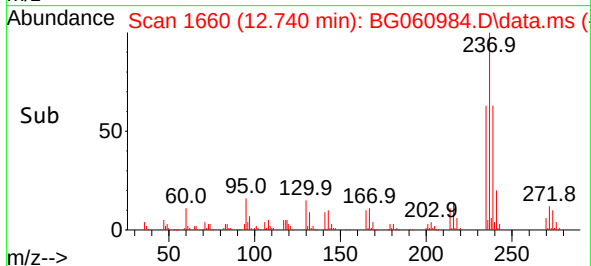
Tgt Ion:237 Resp: 141774
Ion Ratio Lower Upper
237 100
235 62.9 40.7 80.7
272 11.5 0.0 34.5

Manual Integrations

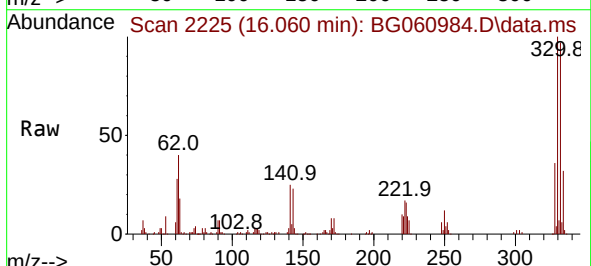
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

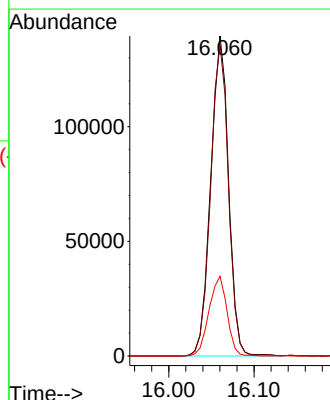
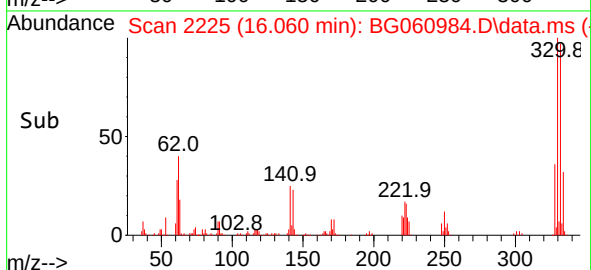
Supervised By :mohammad ahmed 04/24/2024

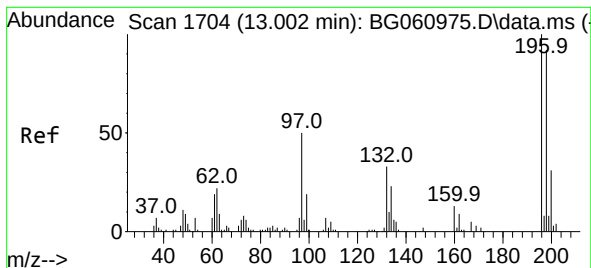


#42
2,4,6-Tribromophenol
Concen: 133.986 ng
RT: 16.060 min Scan# 2225
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31



Tgt Ion:330 Resp: 203408
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 25.1 20.6 31.0





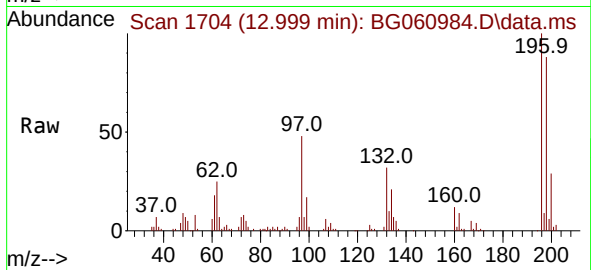
#43
2,4,6-Trichlorophenol
Concen: 45.370 ng
RT: 12.999 min Scan# 1704
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

PB160360BS



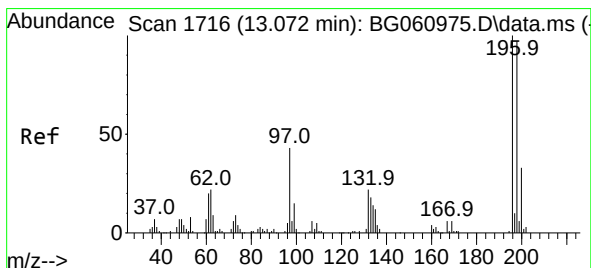
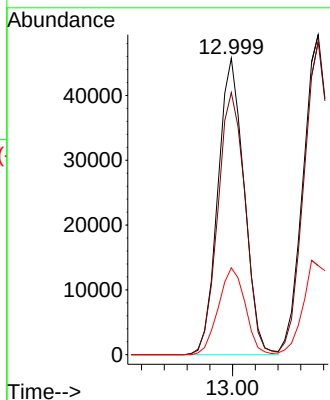
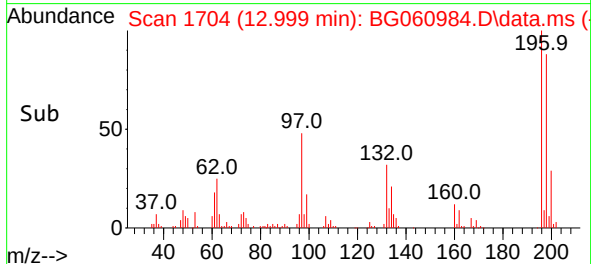
Tgt Ion:196 Resp: 7327
Ion Ratio Lower Upper
196 100
198 88.4 73.5 110.3
200 29.3 24.8 37.2

Manual Integrations

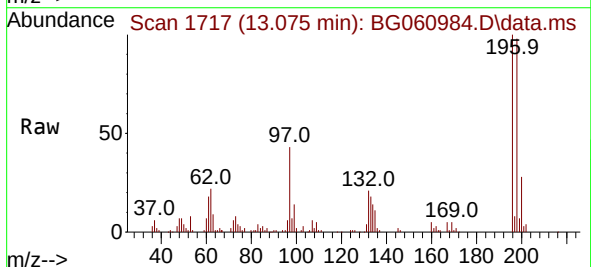
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

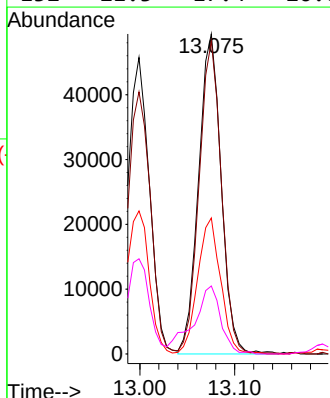
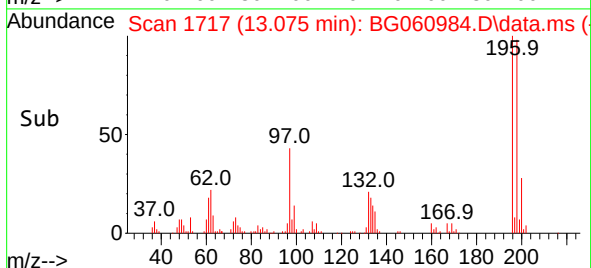
Supervised By :mohammad ahmed 04/24/2024

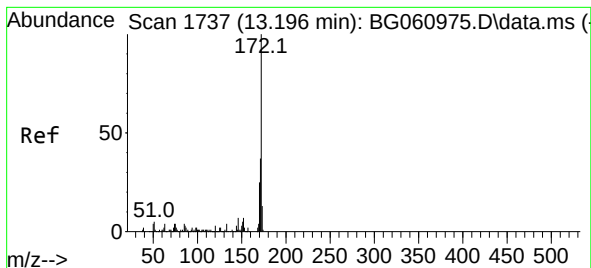


#44
2,4,5-Trichlorophenol
Concen: 42.797 ng
RT: 13.075 min Scan# 1717
Delta R.T. 0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31



Tgt Ion:196 Resp: 81760
Ion Ratio Lower Upper
196 100
198 97.8 77.7 116.5
97 42.5 34.2 51.4
132 21.3 17.4 26.0





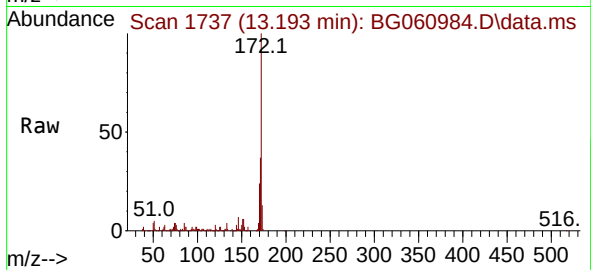
#45
2-Fluorobiphenyl
Concen: 84.616 ng
RT: 13.193 min Scan# 1737
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

PB160360BS



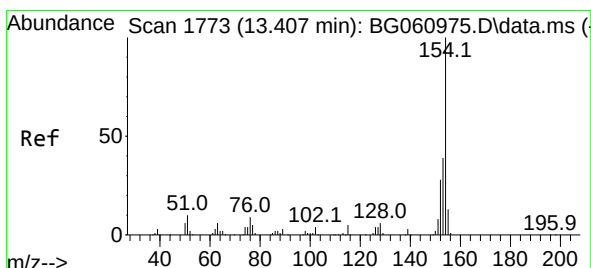
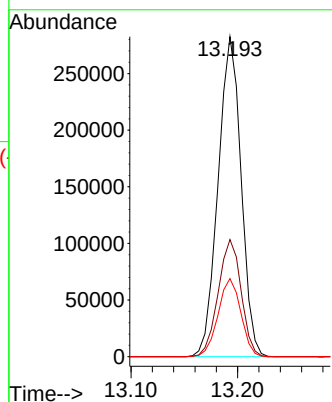
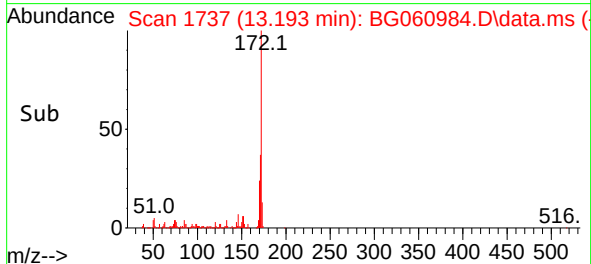
Tgt Ion:172 Resp: 422679
Ion Ratio Lower Upper
172 100
171 36.6 29.3 43.9
170 24.4 20.1 30.1

Manual Integrations

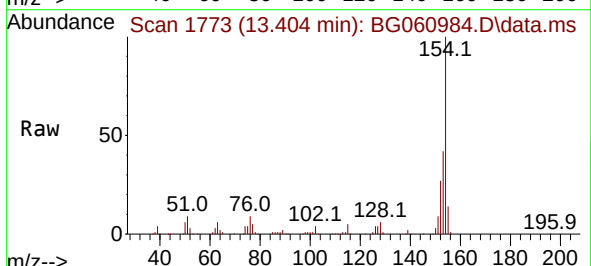
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

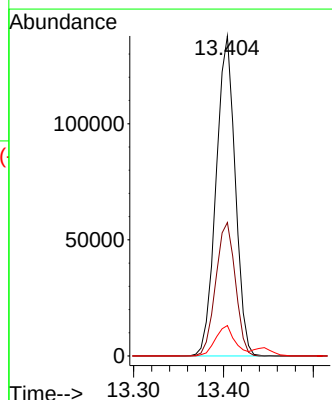
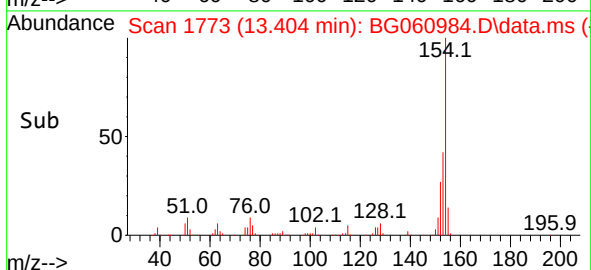
Supervised By :mohammad ahmed 04/24/2024

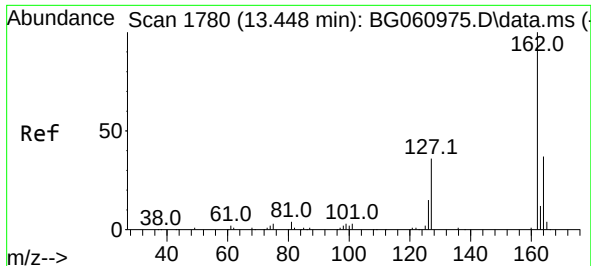


#46
1,1'-Biphenyl
Concen: 43.747 ng
RT: 13.404 min Scan# 1773
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31



Tgt Ion:154 Resp: 203722
Ion Ratio Lower Upper
154 100
153 41.7 19.4 59.4
76 9.5 0.0 28.6





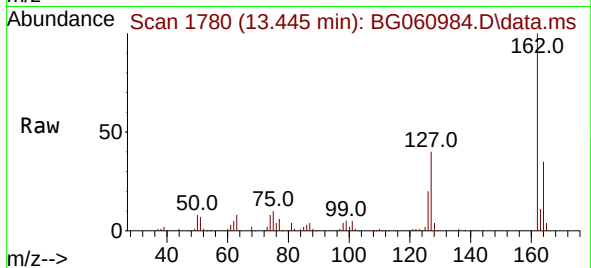
#47
2-Chloronaphthalene
Concen: 44.300 ng
RT: 13.445 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

PB160360BS



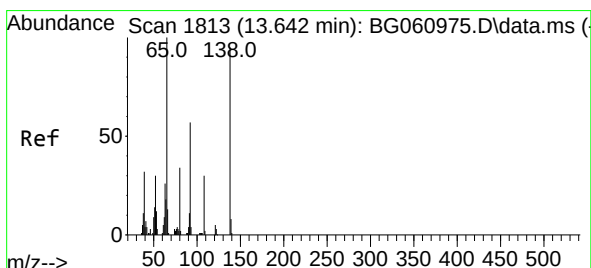
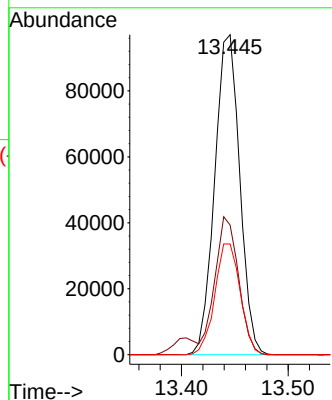
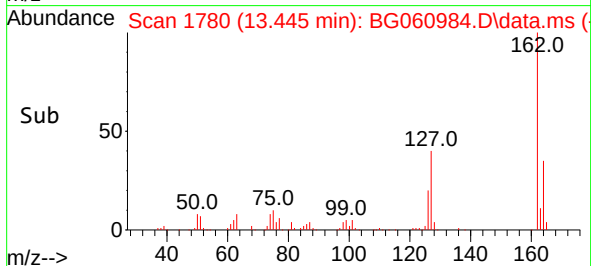
Tgt Ion:162 Resp: 15817
Ion Ratio Lower Upper
162 100
127 40.5 32.6 49.0
164 34.6 29.9 44.9

Manual Integrations

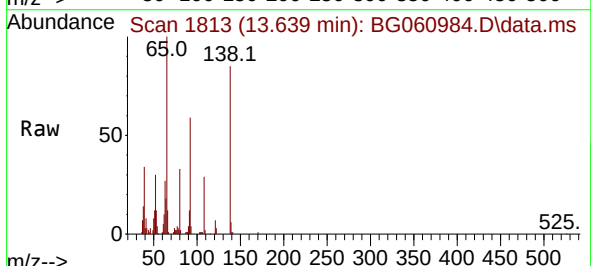
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

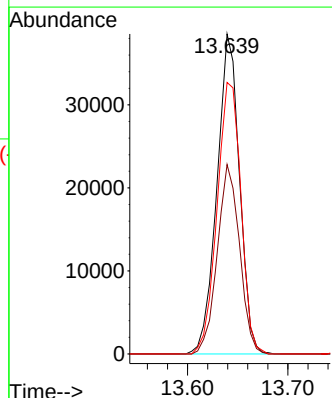
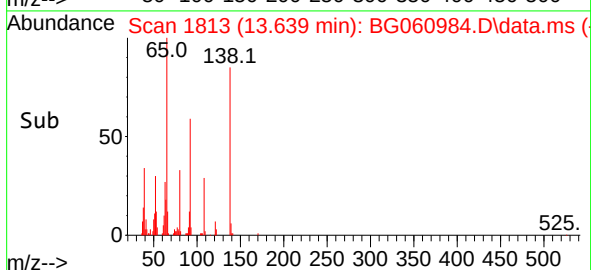
Supervised By :mohammad ahmed 04/24/2024

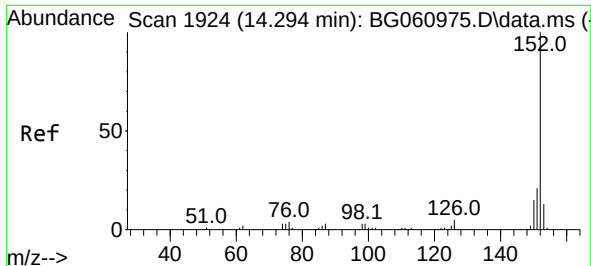


#48
2-Nitroaniline
Concen: 41.651 ng
RT: 13.639 min Scan# 1813
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31



Tgt Ion: 65 Resp: 60020
Ion Ratio Lower Upper
65 100
92 59.2 45.4 68.2
138 84.8 75.8 113.6





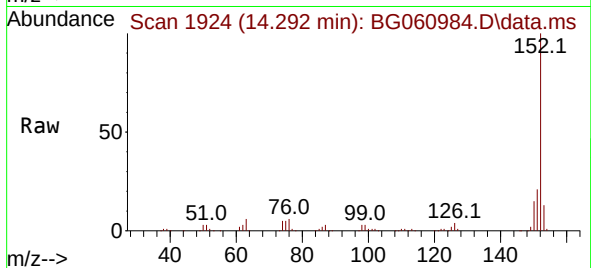
#49
Acenaphthylene
Concen: 45.152 ng
RT: 14.292 min Scan# 1924
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

PB160360BS



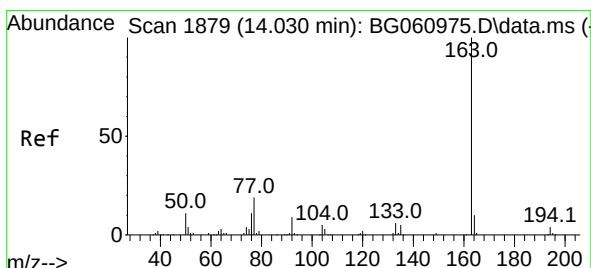
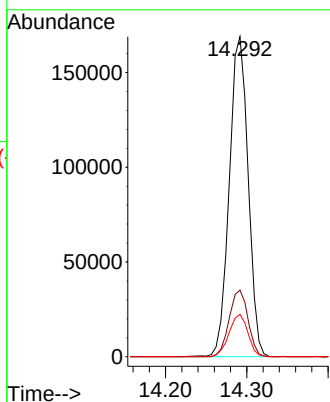
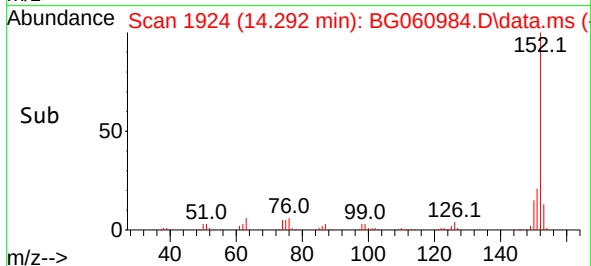
Tgt Ion:152 Resp: 271514
Ion Ratio Lower Upper
152 100
151 20.8 16.6 25.0
153 13.2 10.7 16.1

Manual Integrations

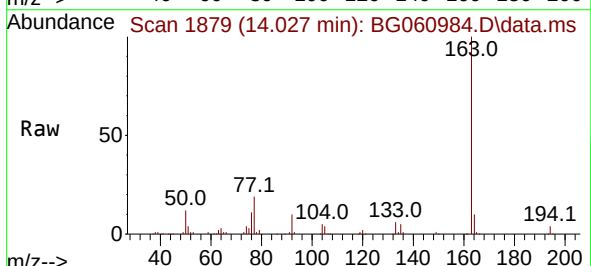
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

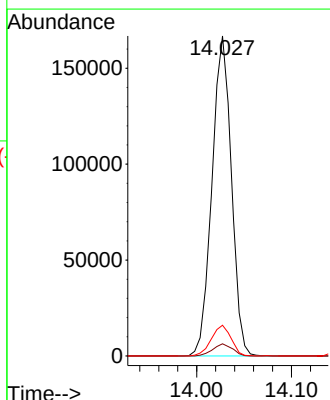
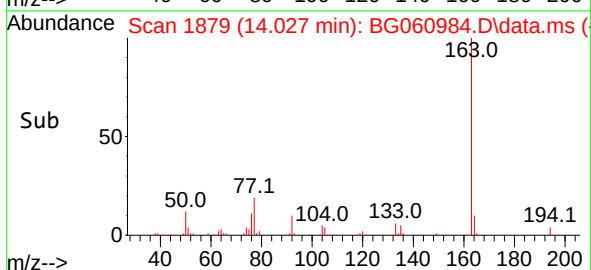
Supervised By :mohammad ahmed 04/24/2024

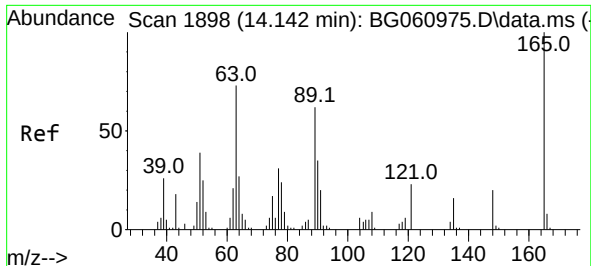


#50
Dimethylphthalate
Concen: 41.586 ng
RT: 14.027 min Scan# 1879
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31



Tgt Ion:163 Resp: 237076
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 9.6 8.4 12.6





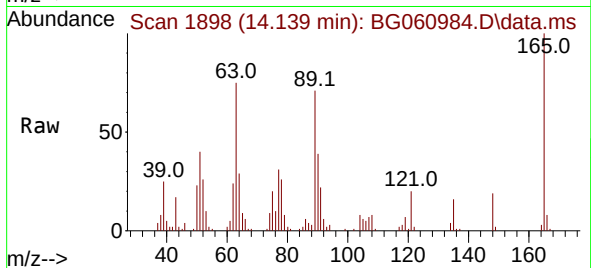
#51
2,6-Dinitrotoluene
Concen: 41.571 ng
RT: 14.139 min Scan# 1898
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

PB160360BS



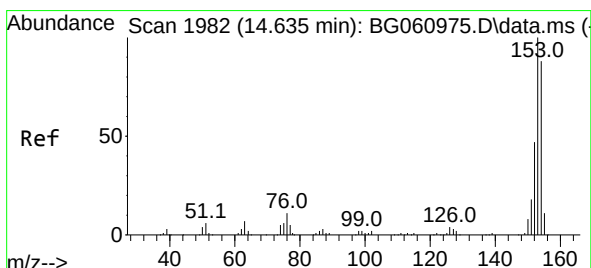
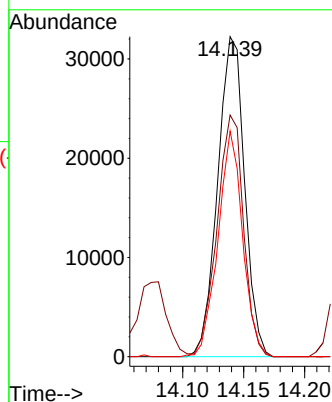
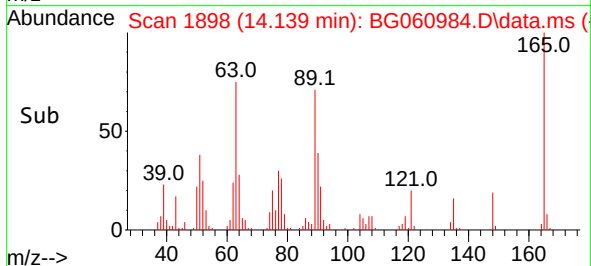
Tgt Ion:165 Resp: 49450
Ion Ratio Lower Upper
165 100
63 75.5 59.6 89.4
89 70.5 49.4 74.0

Manual Integrations

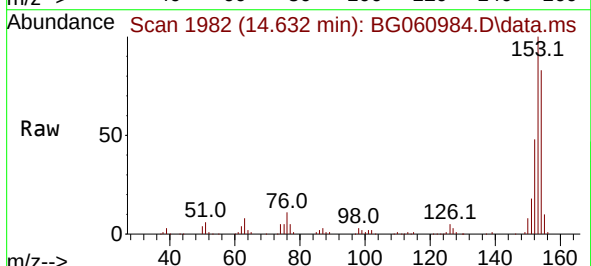
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

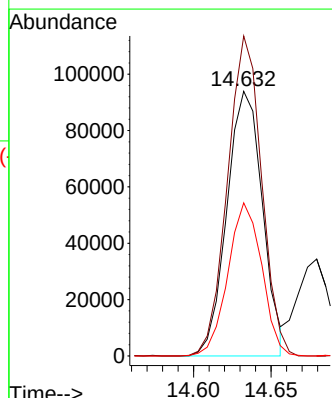
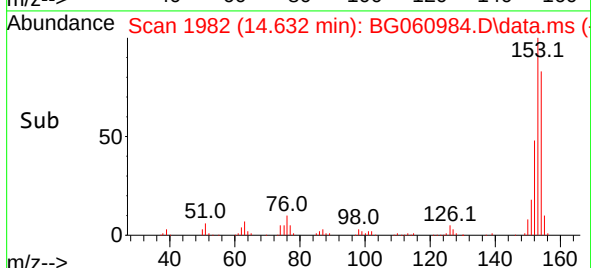
Supervised By :mohammad ahmed 04/24/2024

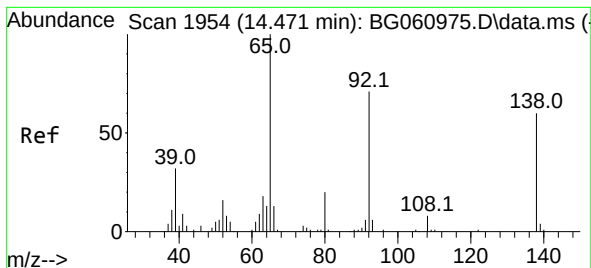


#52
Acenaphthene
Concen: 41.006 ng
RT: 14.632 min Scan# 1982
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31



Tgt Ion:154 Resp: 149830
Ion Ratio Lower Upper
154 100
153 120.9 91.2 136.8
152 57.9 42.7 64.1





#53
3-Nitroaniline
Concen: 26.553 ng
RT: 14.468 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

PB160360BS

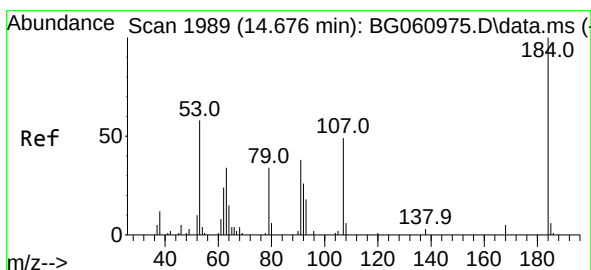
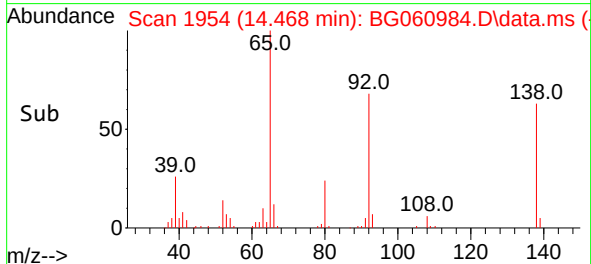
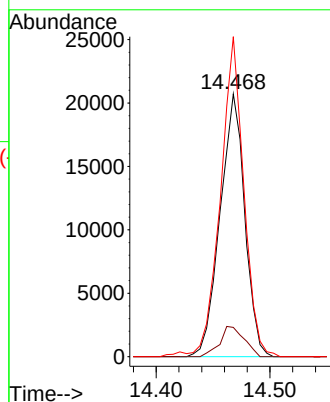
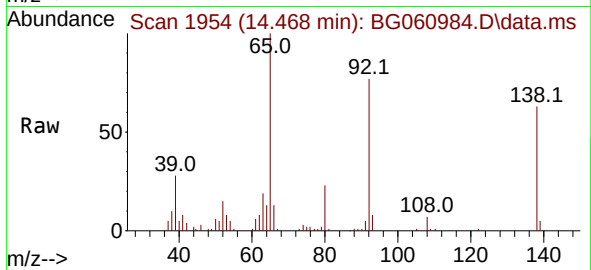
Tgt Ion:138 Resp: 3114
Ion Ratio Lower Upper
138 100
108 11.1 10.1 15.1
92 121.8 94.6 141.8

Manual Integrations

APPROVED

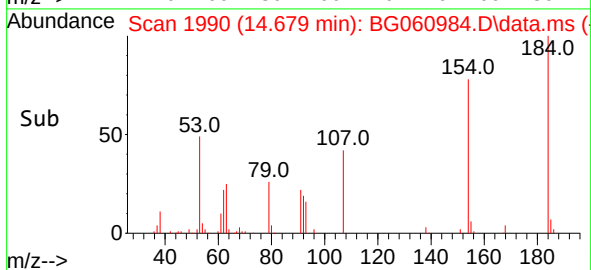
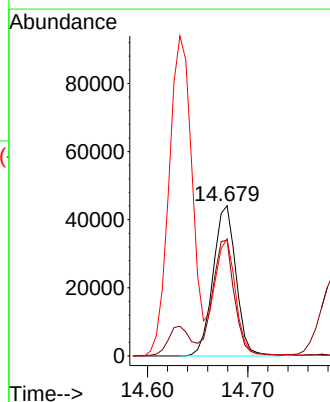
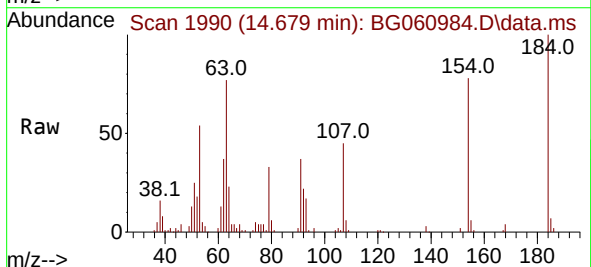
Reviewed By :Yogesh Patel 04/24/2024

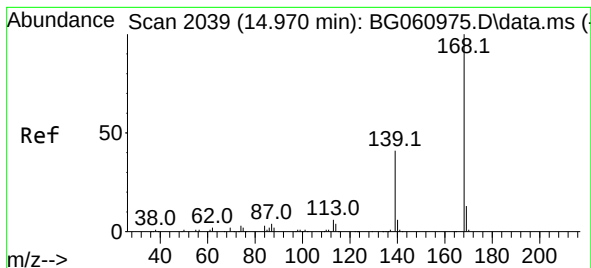
Supervised By :mohammad ahmed 04/24/2024



#54
2,4-Dinitrophenol
Concen: 89.498 ng
RT: 14.679 min Scan# 1990
Delta R.T. 0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Tgt Ion:184 Resp: 69907
Ion Ratio Lower Upper
184 100
63 77.3 59.0 88.6
154 78.0 61.2 91.8





#55
Dibenzenofuran
Concen: 42.225 ng
RT: 14.967 min Scan# 2039
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

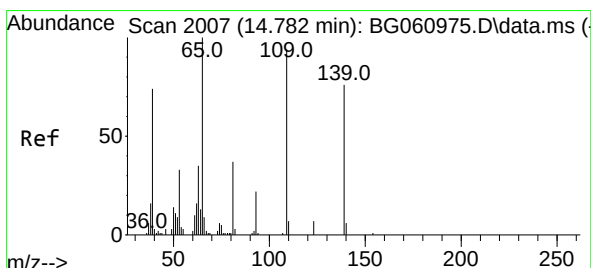
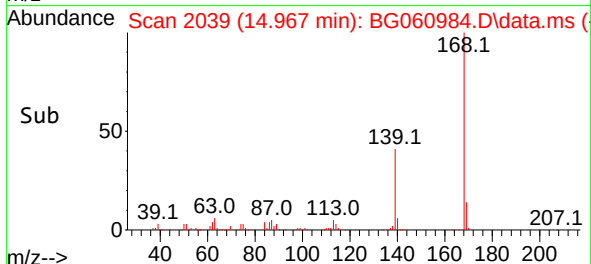
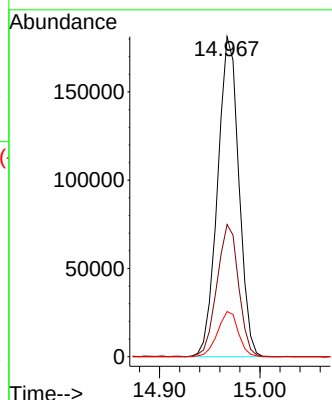
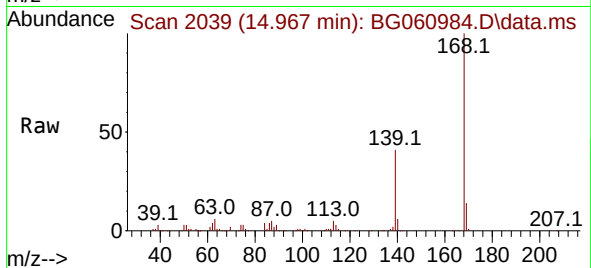
PB160360BS

Tgt Ion:168 Resp: 26642
Ion Ratio Lower Upper
168 100
139 41.3 32.4 48.6
169 14.1 10.6 15.8

Manual Integrations

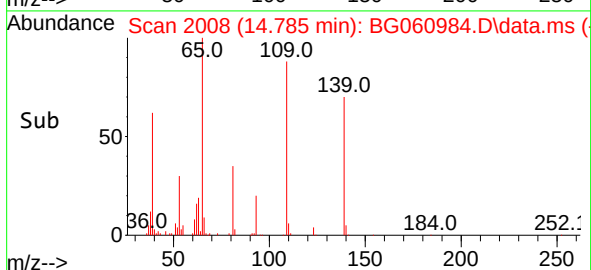
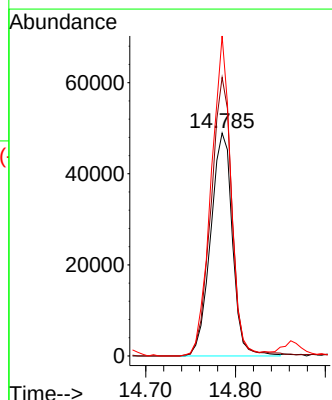
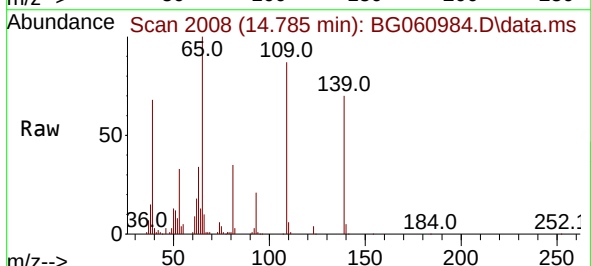
APPROVED

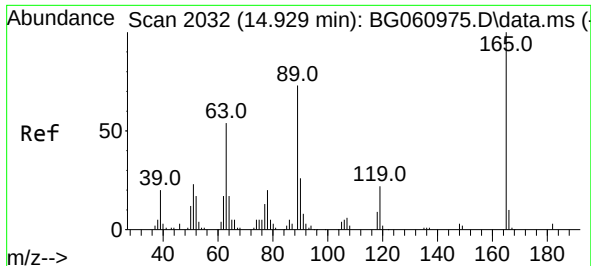
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#56
4-Nitrophenol
Concen: 98.098 ng
RT: 14.785 min Scan# 2008
Delta R.T. 0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Tgt Ion:139 Resp: 82433
Ion Ratio Lower Upper
139 100
109 125.0 104.1 144.1
65 143.6 112.0 152.0





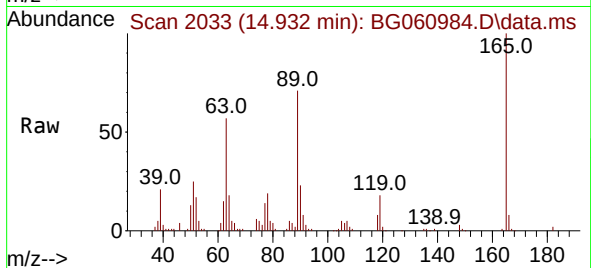
#57
2,4-Dinitrotoluene
Concen: 44.157 ng
RT: 14.932 min Scan# 2032
Delta R.T. 0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

PB160360BS

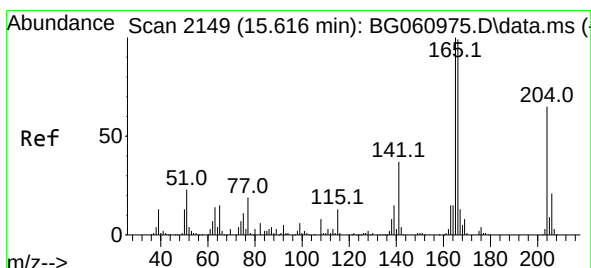
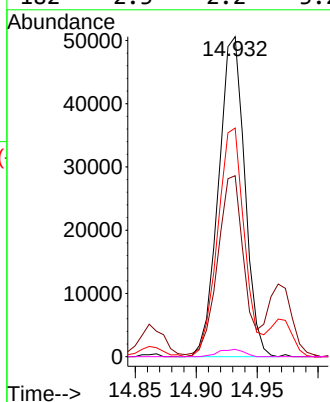
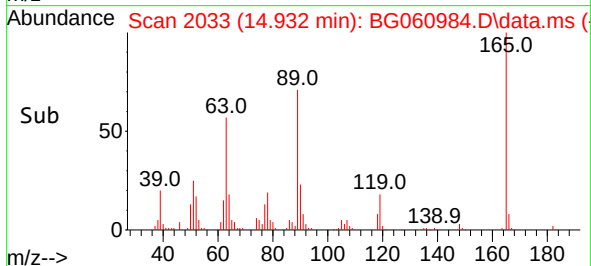


Tgt Ion:165 Resp: 75649
Ion Ratio Lower Upper
165 100
63 56.6 43.4 65.2
89 71.5 58.4 87.6
182 2.3 2.2 3.2

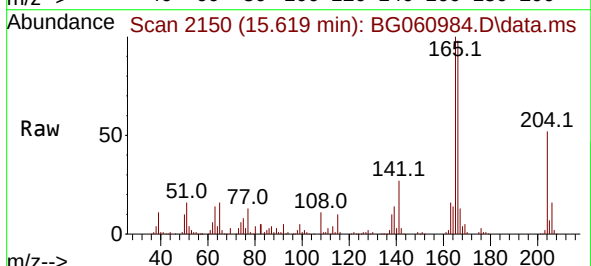
Manual Integrations

APPROVED

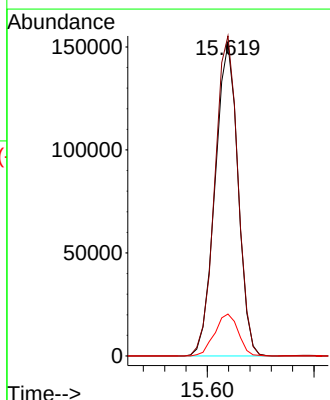
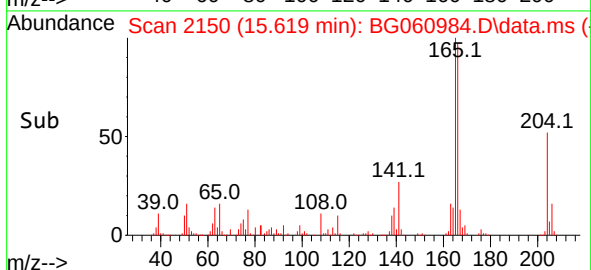
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

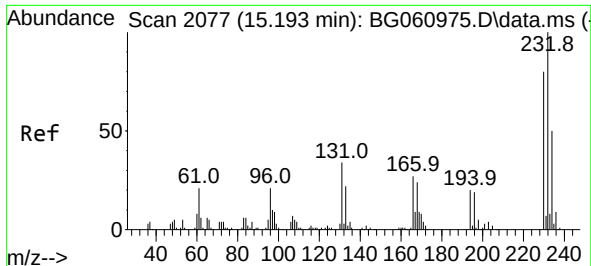


#58
Fluorene
Concen: 42.384 ng
RT: 15.619 min Scan# 2150
Delta R.T. 0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31



Tgt Ion:166 Resp: 225720
Ion Ratio Lower Upper
166 100
165 102.5 80.9 121.3
167 13.5 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.009 ng
RT: 15.196 min Scan# 2077
Delta R.T. 0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

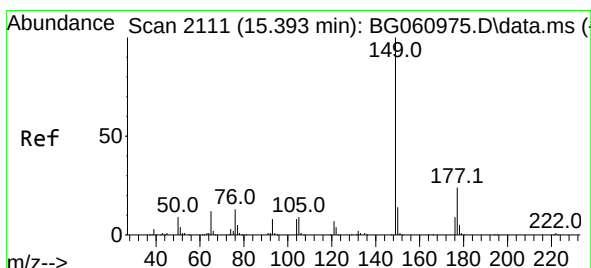
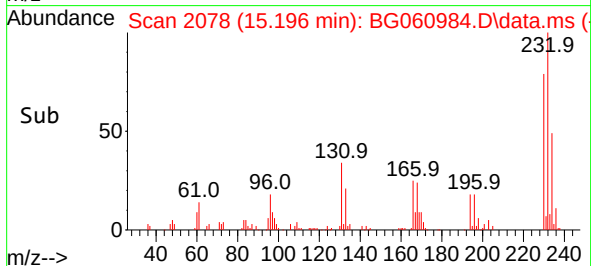
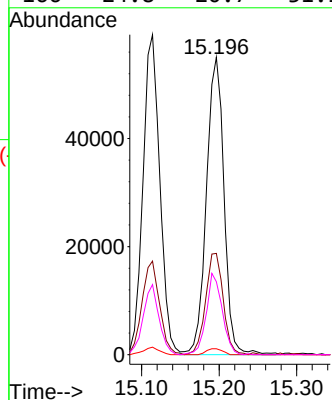
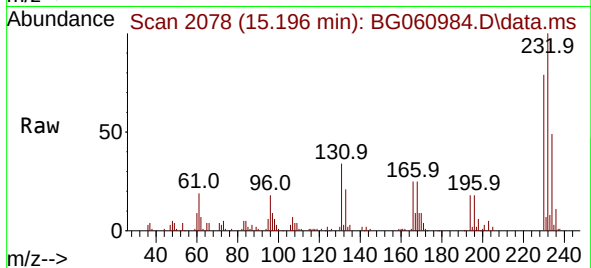
PB160360BS

Tgt Ion:232 Resp: 86784
Ion Ratio Lower Upper
232 100
131 34.0 27.4 41.0
130 1.8 1.5 2.3
166 24.8 20.7 31.1

Manual Integrations

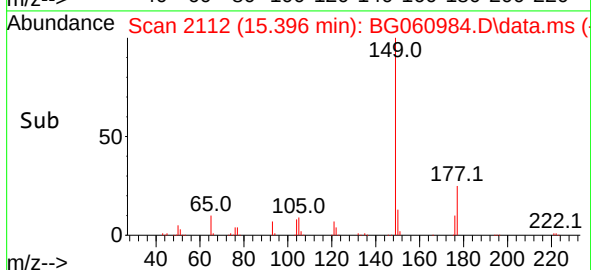
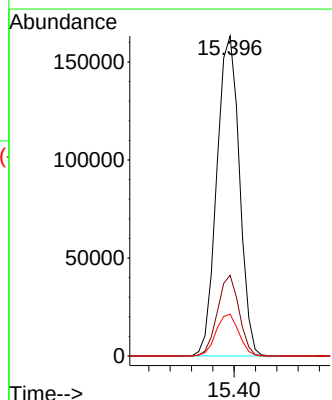
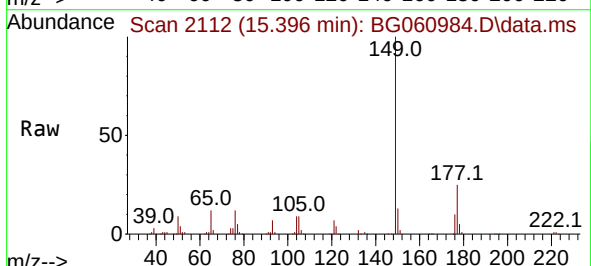
APPROVED

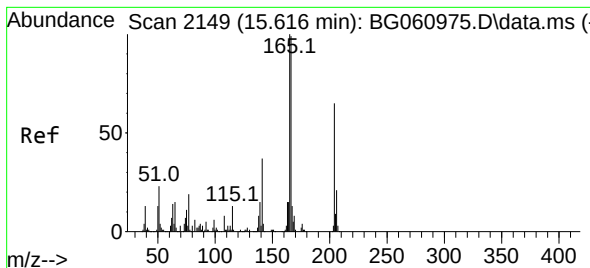
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#60
Diethylphthalate
Concen: 42.794 ng
RT: 15.396 min Scan# 2112
Delta R.T. 0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Tgt Ion:149 Resp: 240259
Ion Ratio Lower Upper
149 100
177 25.2 18.8 28.2
150 13.0 11.2 16.8





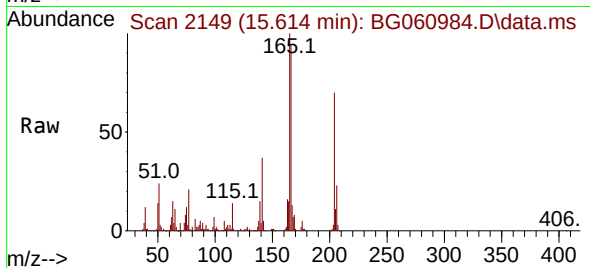
#61
4-Chlorophenyl-phenylether
Concen: 41.821 ng
RT: 15.614 min Scan# 2149
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

PB160360BS

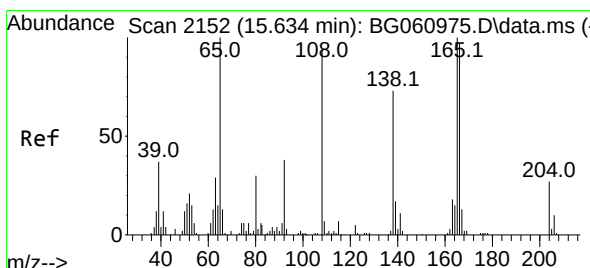
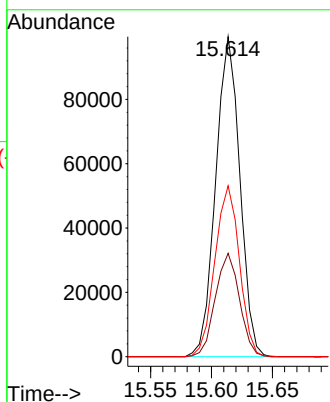
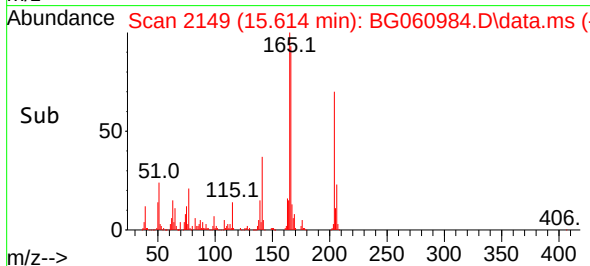


Tgt Ion:204 Resp: 137360
Ion Ratio Lower Upper
204 100
206 32.3 25.6 38.4
141 53.4 45.4 68.0

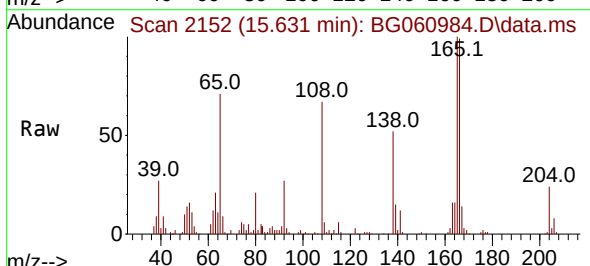
Manual Integrations

APPROVED

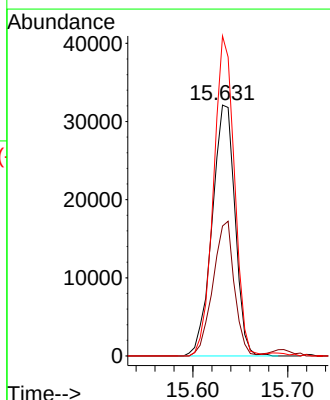
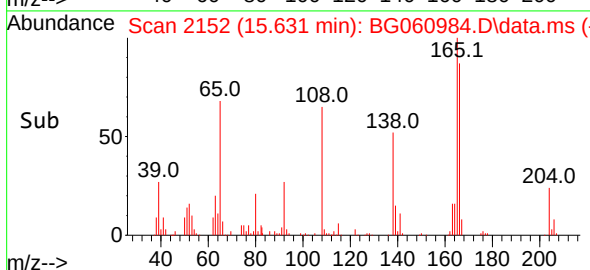
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

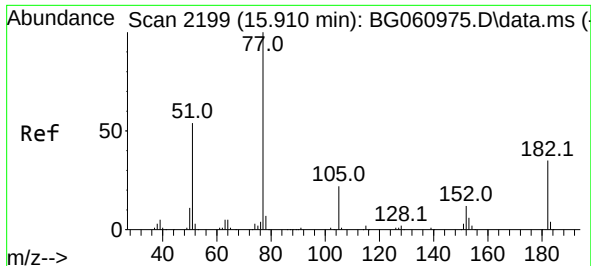


#62
4-Nitroaniline
Concen: 42.675 ng
RT: 15.631 min Scan# 2152
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31



Tgt Ion:138 Resp: 53973
Ion Ratio Lower Upper
138 100
92 51.8 32.2 72.2
108 127.5 109.0 149.0





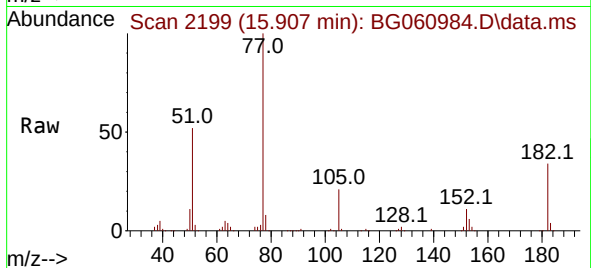
#63
Azobenzene
Concen: 43.213 ng
RT: 15.907 min Scan# 2199
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

PB160360BS



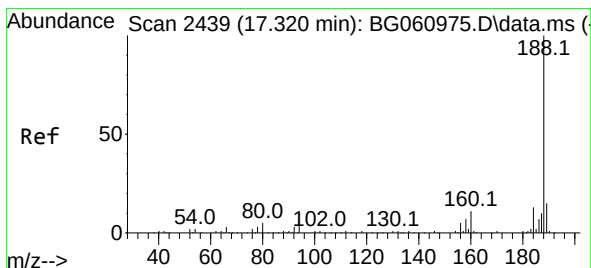
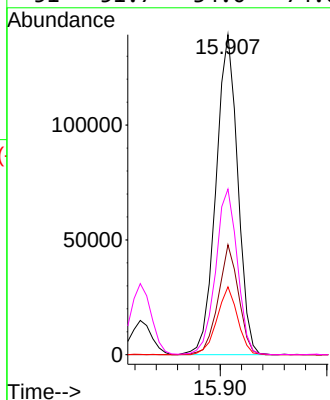
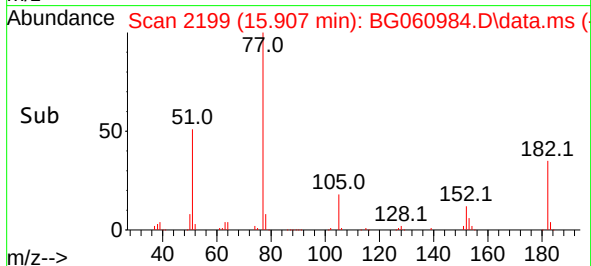
Tgt Ion: 77 Resp: 19733
Ion Ratio Lower Upper
77 100
182 34.3 14.5 54.5
105 21.2 1.9 41.9
51 51.7 34.0 74.0

Manual Integrations

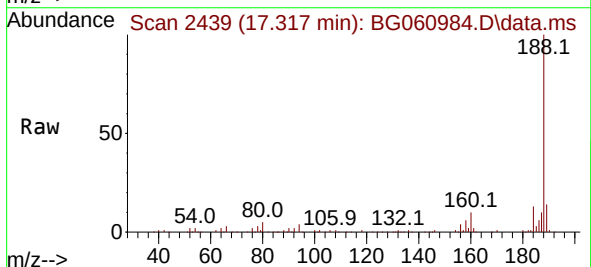
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

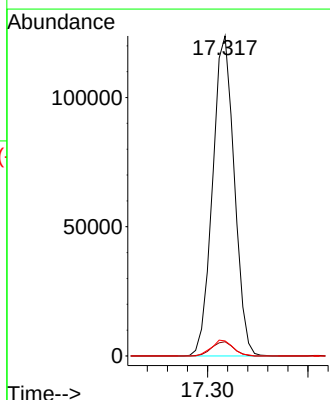
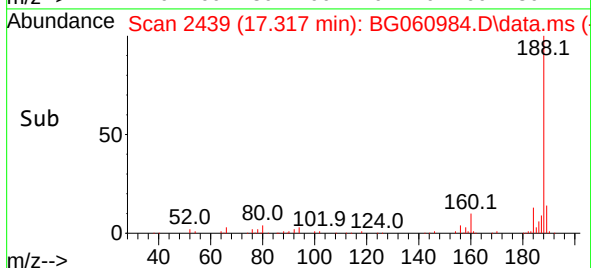
Supervised By :mohammad ahmed 04/24/2024

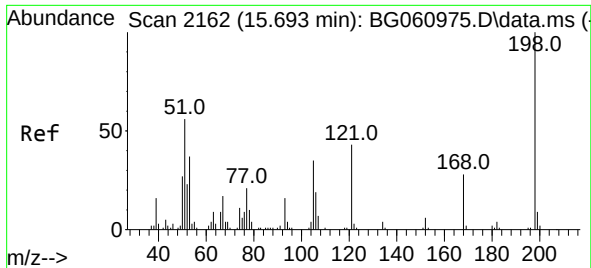


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.317 min Scan# 2439
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31



Tgt Ion:188 Resp: 185383
Ion Ratio Lower Upper
188 100
94 4.5 4.1 6.1
80 4.7 4.0 6.0





#65
4,6-Dinitro-2-methylphenol
Concen: 45.045 ng
RT: 15.696 min Scan# 2162
Delta R.T. 0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

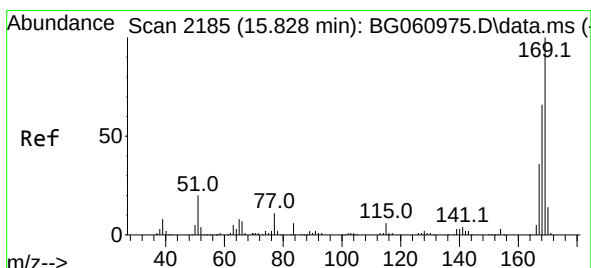
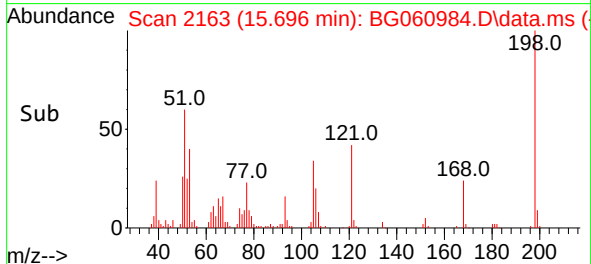
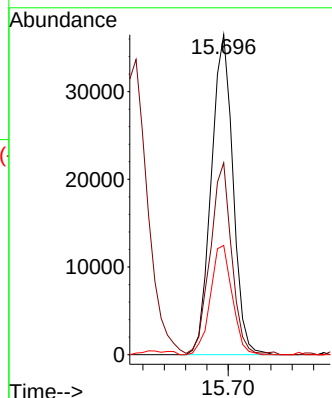
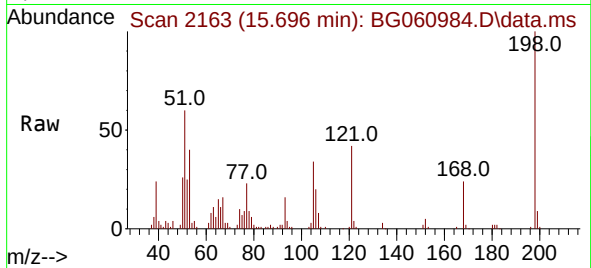
ClientSampleId :

PB160360BS

Tgt Ion:198 Resp: 51562
Ion Ratio Lower Upper
198 100
51 60.0 38.6 78.6
105 34.2 14.5 54.5

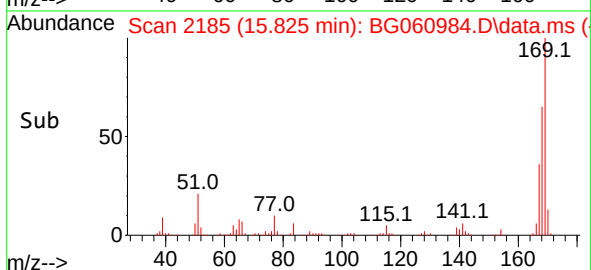
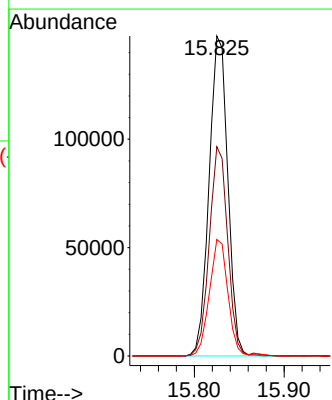
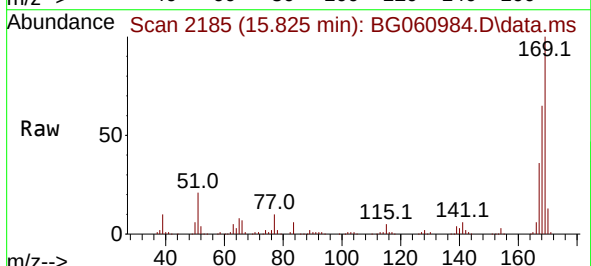
Manual Integrations
APPROVED

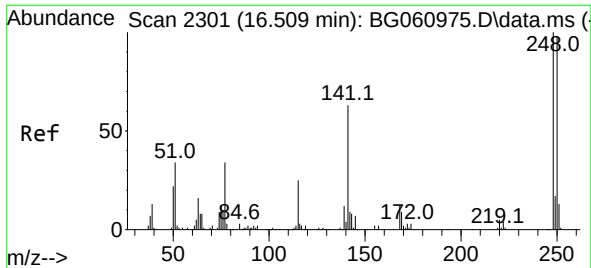
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#66
n-Nitrosodiphenylamine
Concen: 41.723 ng
RT: 15.825 min Scan# 2185
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Tgt Ion:169 Resp: 213098
Ion Ratio Lower Upper
169 100
168 65.4 52.5 78.7
167 36.4 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 41.894 ng
RT: 16.507 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

PB160360BS

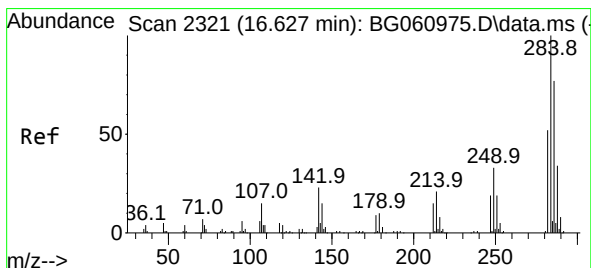
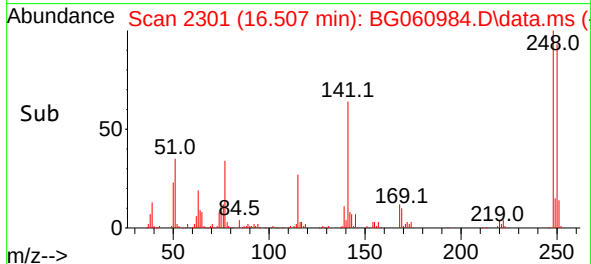
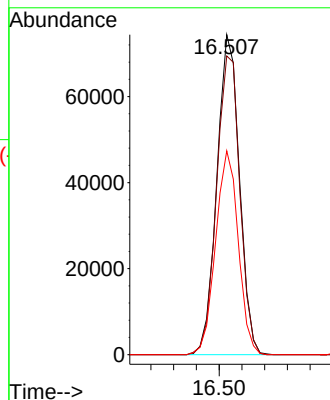
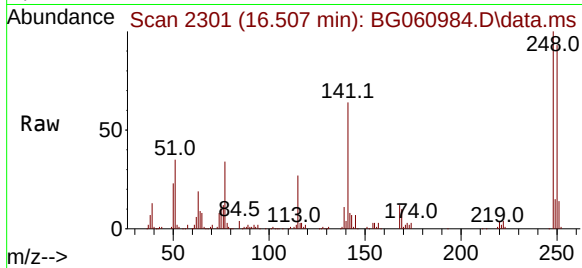
Tgt Ion:248 Resp: 10249
Ion Ratio Lower Upper
248 100
250 93.4 78.7 118.1
141 63.7 50.4 75.6

Manual Integrations

APPROVED

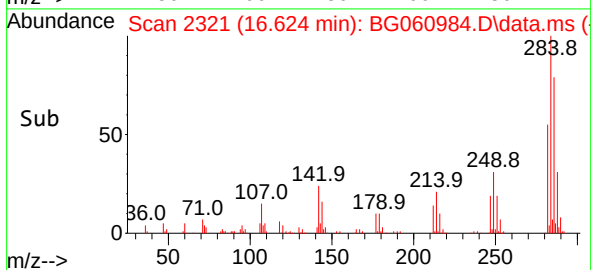
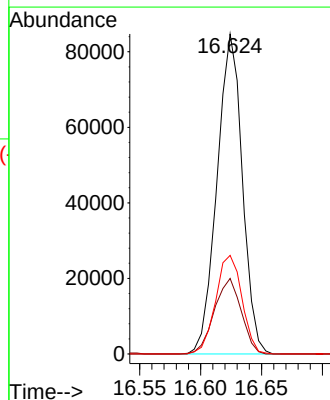
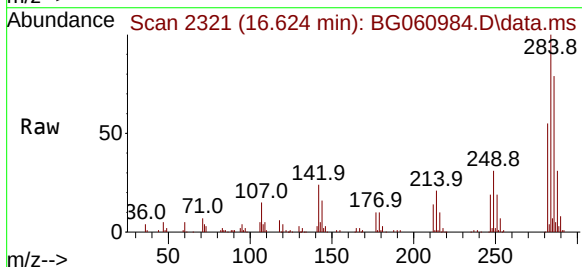
Reviewed By :Yogesh Patel 04/24/2024

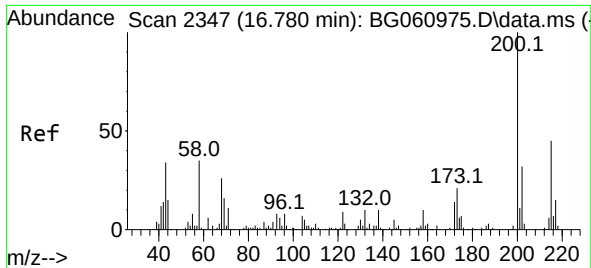
Supervised By :mohammad ahmed 04/24/2024



#68
Hexachlorobenzene
Concen: 45.332 ng
RT: 16.624 min Scan# 2321
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Tgt Ion:284 Resp: 122507
Ion Ratio Lower Upper
284 100
142 23.6 18.7 28.1
249 30.8 26.4 39.6





#69
 Atrazine
 Concen: 50.830 ng
 RT: 16.783 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG060984.D
 Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

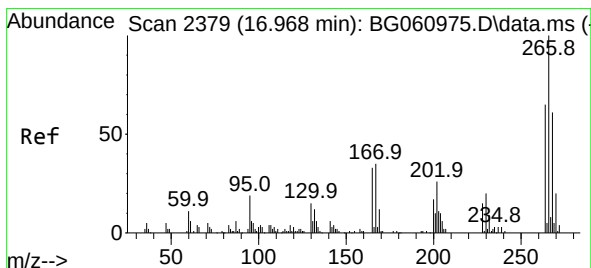
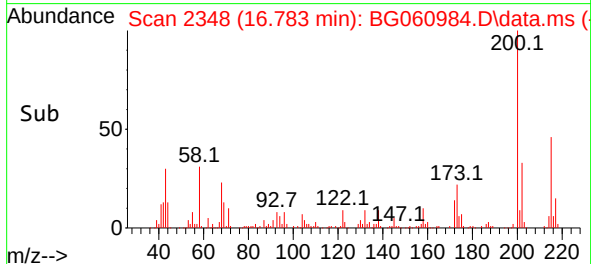
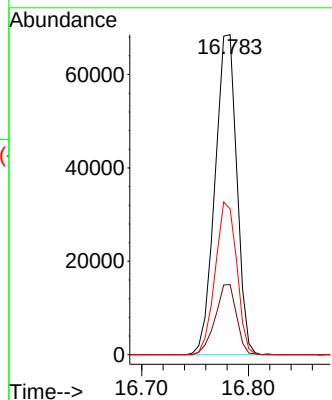
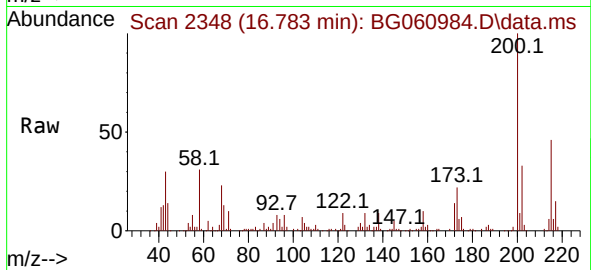
PB160360BS

Tgt Ion:200 Resp: 9716
 Ion Ratio Lower Upper
 200 100
 173 21.9 1.4 41.4
 215 45.6 25.3 65.3

Manual Integrations

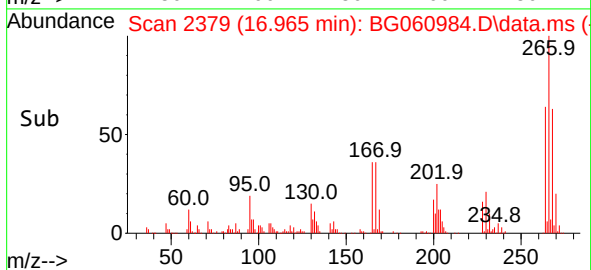
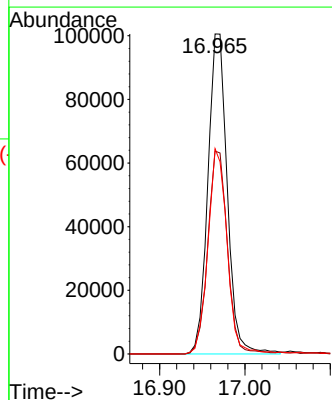
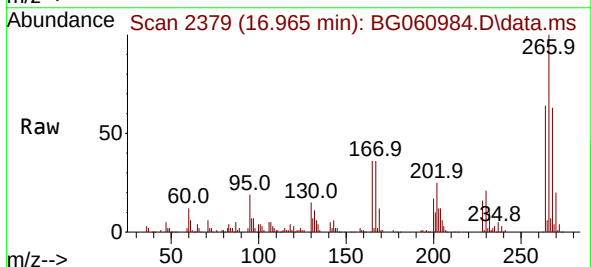
APPROVED

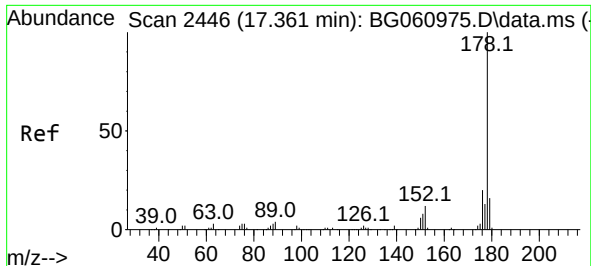
Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024



#70
 Pentachlorophenol
 Concen: 89.419 ng
 RT: 16.965 min Scan# 2379
 Delta R.T. -0.003 min
 Lab File: BG060984.D
 Acq: 21 Apr 2024 2:31

Tgt Ion:266 Resp: 158457
 Ion Ratio Lower Upper
 266 100
 268 63.4 49.1 73.7
 264 64.1 52.2 78.2





#71
Phenanthrene
Concen: 42.547 ng
RT: 17.359 min Scan# 2446
Delta R.T. -0.002 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

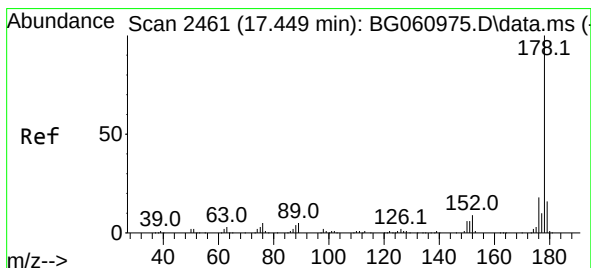
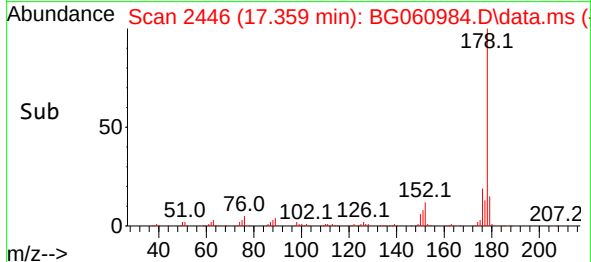
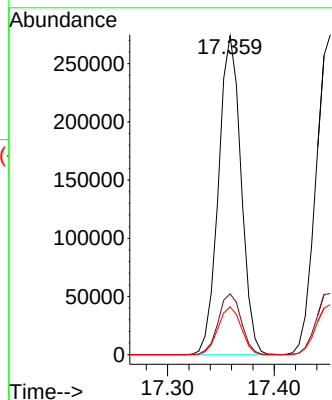
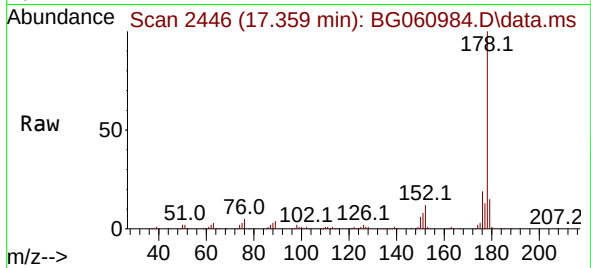
PB160360BS

Tgt Ion:178 Resp: 402602
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 15.0 12.5 18.7

Manual Integrations

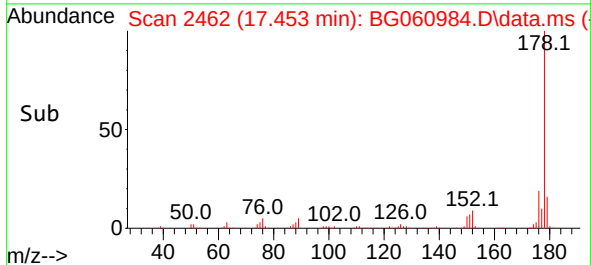
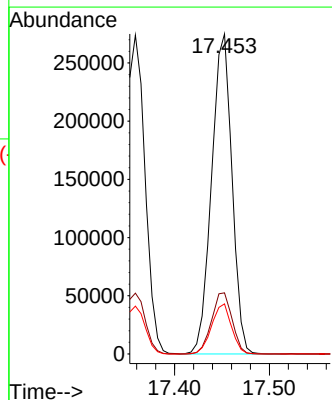
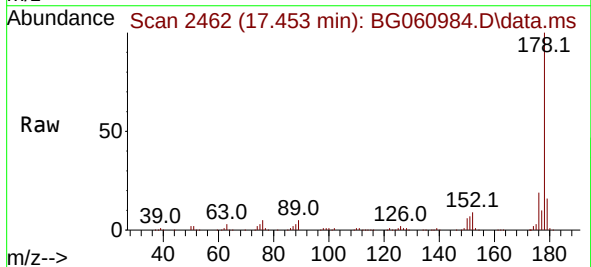
APPROVED

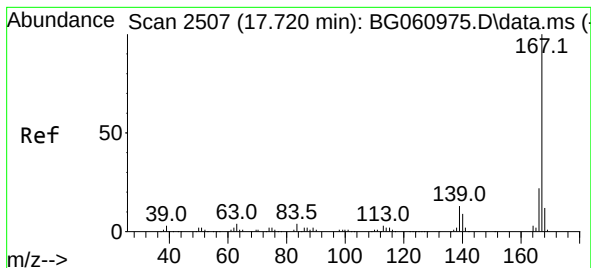
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#72
Anthracene
Concen: 42.038 ng
RT: 17.453 min Scan# 2462
Delta R.T. 0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Tgt Ion:178 Resp: 409681
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 15.6 12.4 18.6





#73

Carbazole

Concen: 43.889 ng

RT: 17.717 min Scan# 2507

Delta R.T. -0.003 min

Lab File: BG060984.D

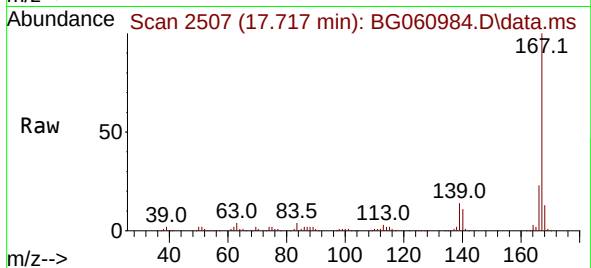
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

PB160360BS



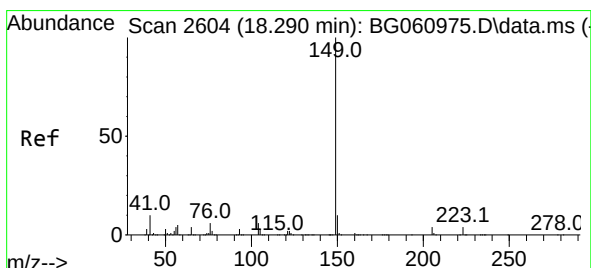
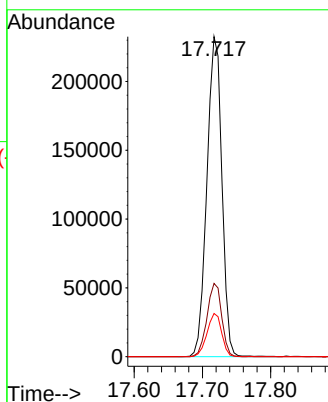
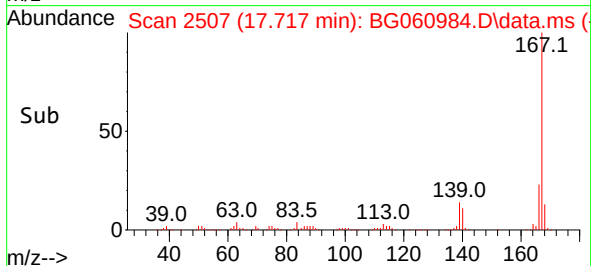
Tgt Ion:167	Resp:	355229
Ion Ratio	Lower	Upper
167	100	
166	22.9	17.8 26.8
139	13.5	10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#74

Di-n-butylphthalate

Concen: 42.394 ng

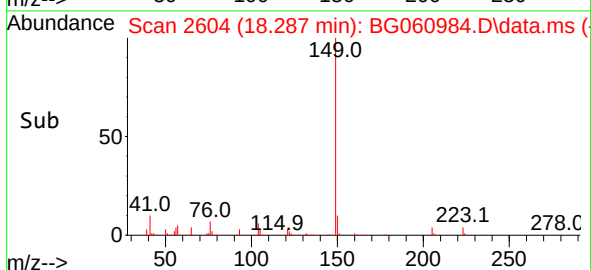
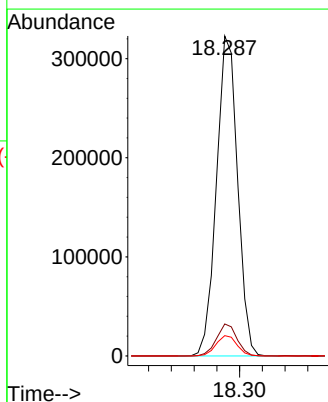
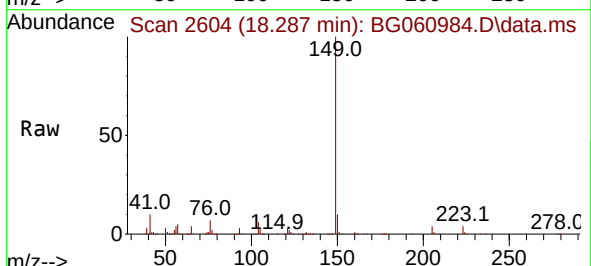
RT: 18.287 min Scan# 2604

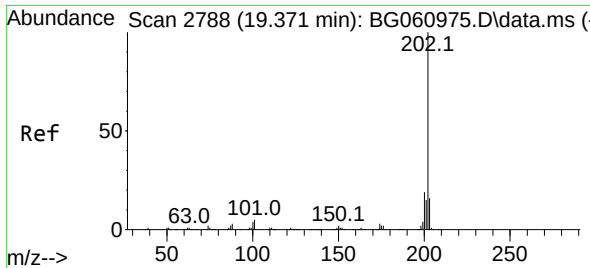
Delta R.T. -0.003 min

Lab File: BG060984.D

Acq: 21 Apr 2024 2:31

Tgt Ion:149	Resp:	416590
Ion Ratio	Lower	Upper
149	100	
150	10.0	7.7 11.5
104	6.4	5.0 7.6





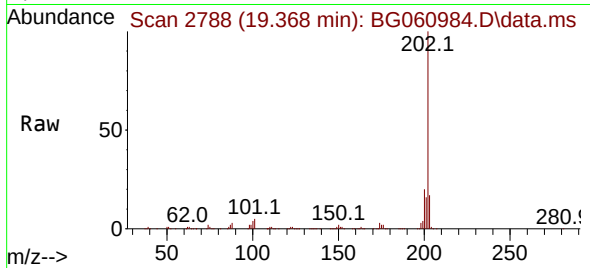
#75
Fluoranthene
Concen: 43.219 ng
RT: 19.368 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

PB160360BS

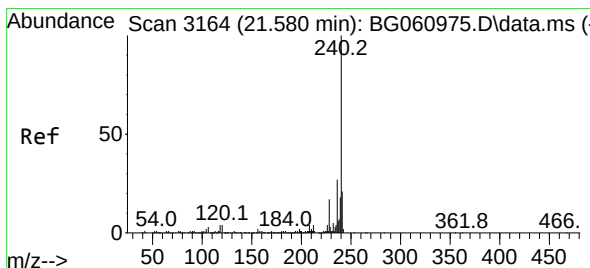
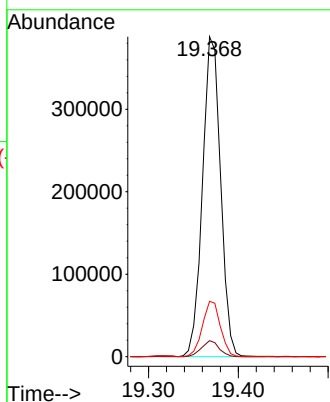
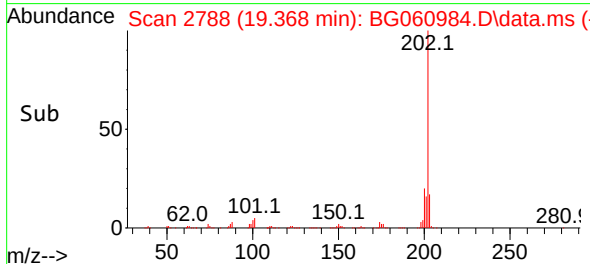


Tgt Ion:202 Resp: 542740
Ion Ratio Lower Upper
202 100
101 5.0 0.0 24.9
203 17.3 0.0 36.2

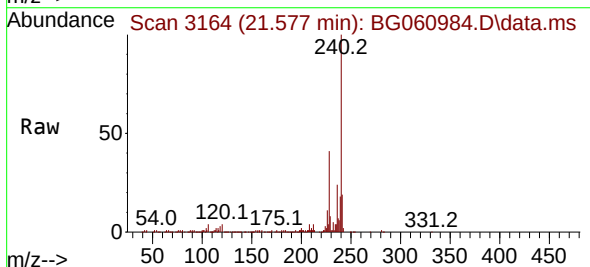
Manual Integrations

APPROVED

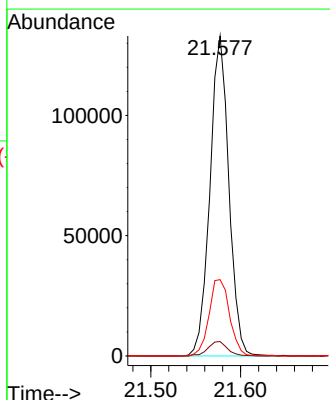
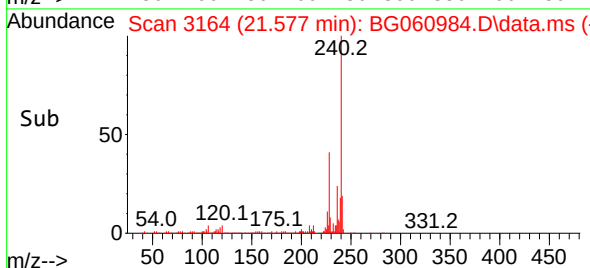
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

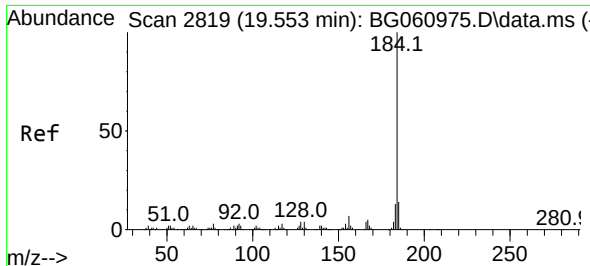


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3164
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31



Tgt Ion:240 Resp: 195022
Ion Ratio Lower Upper
240 100
120 4.5 3.0 4.6
236 23.9 21.8 32.6





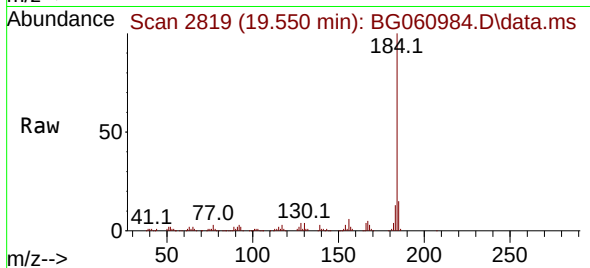
#77
Benzidine
Concen: 42.184 ng
RT: 19.550 min Scan# 2819
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

PB160360BS



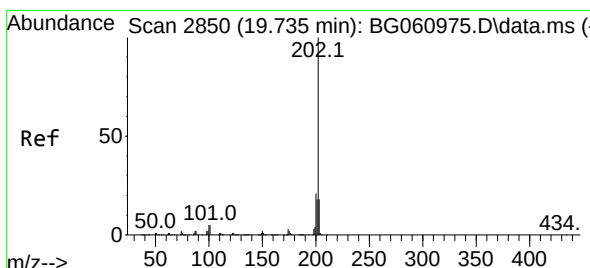
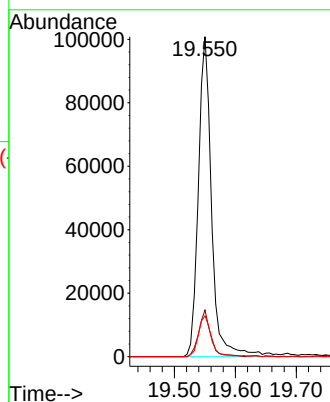
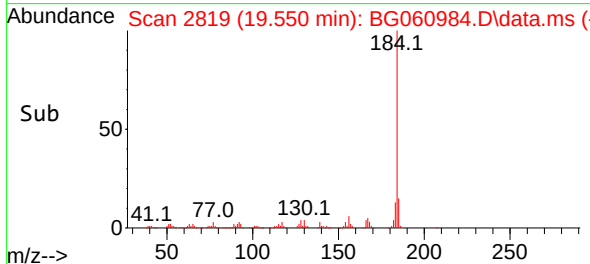
Tgt Ion:184 Resp: 152434
Ion Ratio Lower Upper
184 100
185 14.5 11.3 16.9
183 12.8 10.2 15.2

Manual Integrations

APPROVED

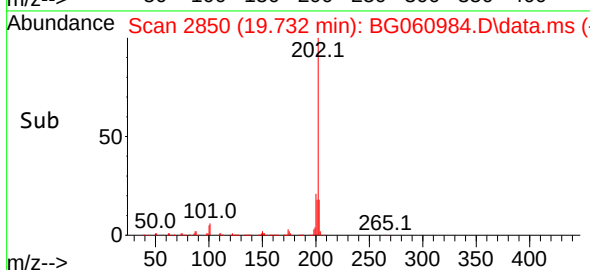
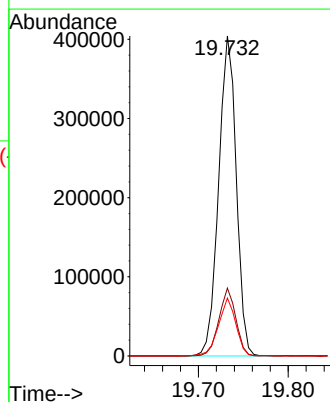
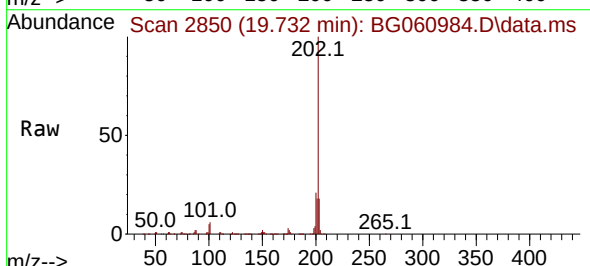
Reviewed By :Yogesh Patel 04/24/2024

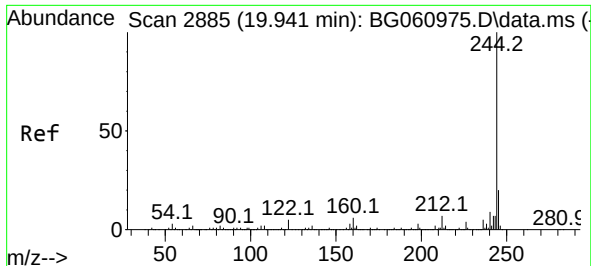
Supervised By :mohammad ahmed 04/24/2024



#78
Pyrene
Concen: 41.470 ng
RT: 19.732 min Scan# 2850
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Tgt Ion:202 Resp: 550673
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 18.1 14.2 21.2





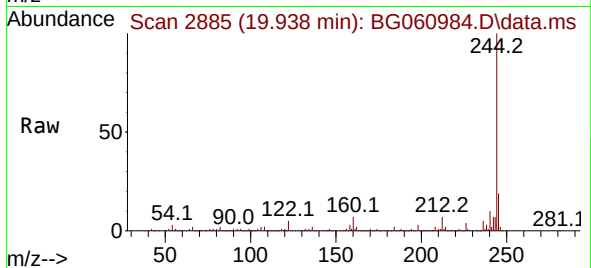
#79
 Terphenyl-d14
 Concen: 82.102 ng
 RT: 19.938 min Scan# 2885
 Delta R.T. -0.003 min
 Lab File: BG060984.D
 Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

PB160360BS

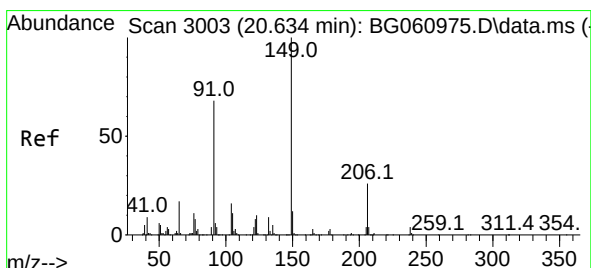
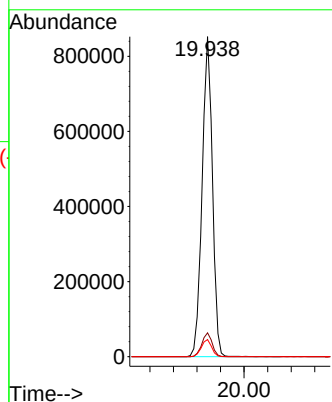
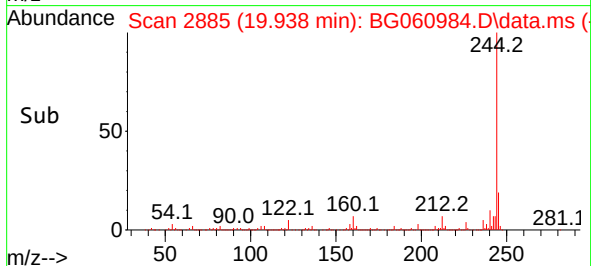


Tgt Ion:244 Resp: 103152
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 5.4 4.2 6.2

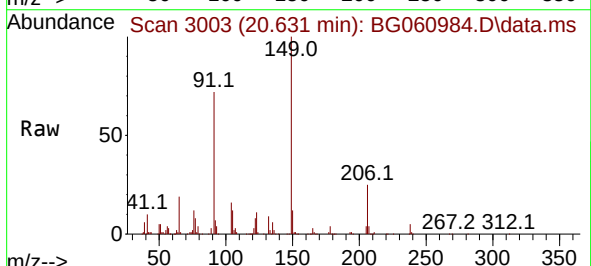
Manual Integrations

APPROVED

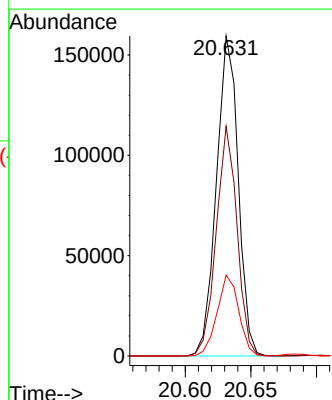
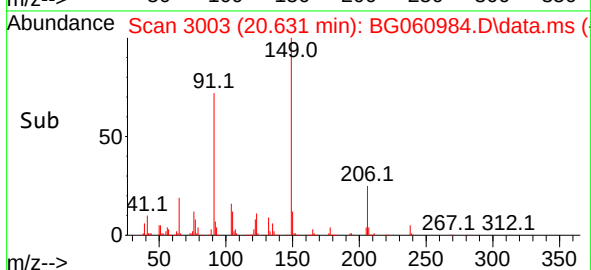
Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024

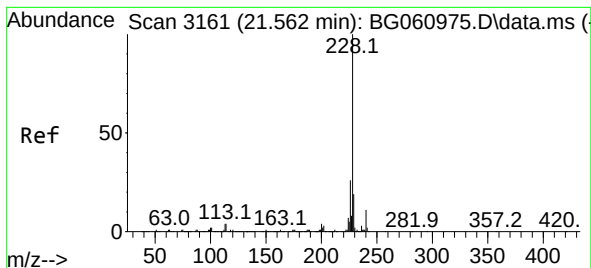


#80
 Butylbenzylphthalate
 Concen: 41.534 ng
 RT: 20.631 min Scan# 3003
 Delta R.T. -0.003 min
 Lab File: BG060984.D
 Acq: 21 Apr 2024 2:31



Tgt Ion:149 Resp: 183830
 Ion Ratio Lower Upper
 149 100
 91 71.7 54.4 81.6
 206 25.3 20.8 31.2





#81

Benzo(a)anthracene

Concen: 43.273 ng

RT: 21.560 min Scan# 3161

Delta R.T. -0.003 min

Lab File: BG060984.D

Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

PB160360BS

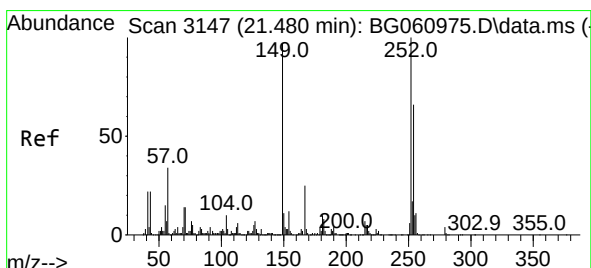
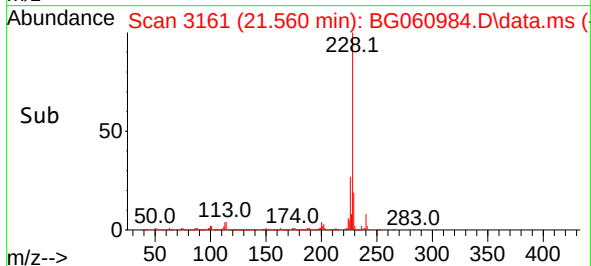
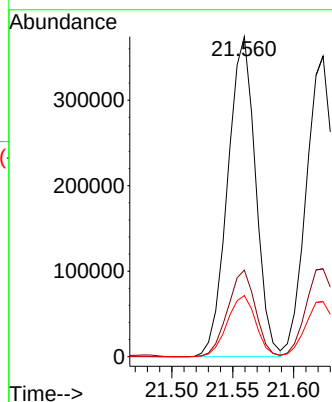
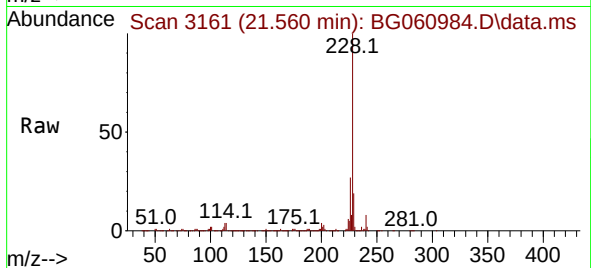
Tgt Ion:	228	Resp:	59332
Ion Ratio	Lower	Upper	
228	100		
226	27.0	21.0	31.4
229	19.1	15.0	22.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#82

3,3'-Dichlorobenzidine

Concen: 31.889 ng

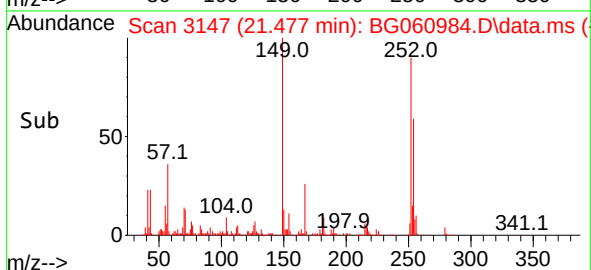
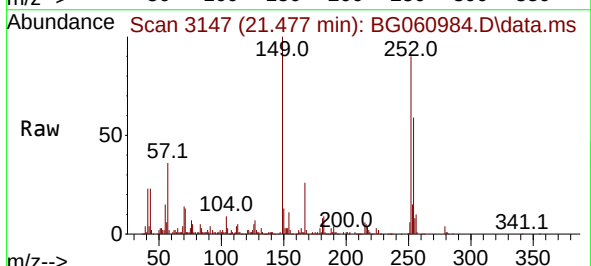
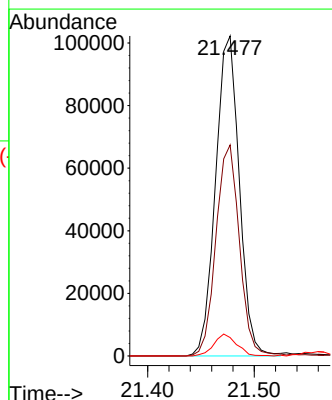
RT: 21.477 min Scan# 3147

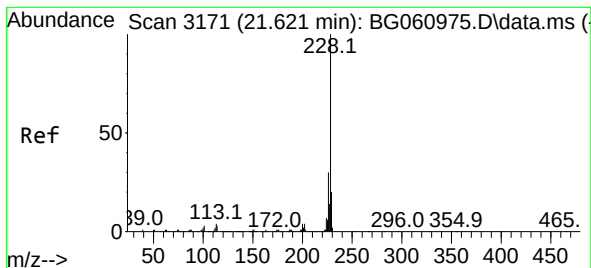
Delta R.T. -0.003 min

Lab File: BG060984.D

Acq: 21 Apr 2024 2:31

Tgt Ion:	252	Resp:	158015
Ion Ratio	Lower	Upper	
252	100		
254	66.0	52.7	79.1
126	5.7	4.2	6.2





#83

Chrysene

Concen: 43.148 ng

RT: 21.624 min Scan# 3171

Delta R.T. 0.003 min

Lab File: BG060984.D

Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

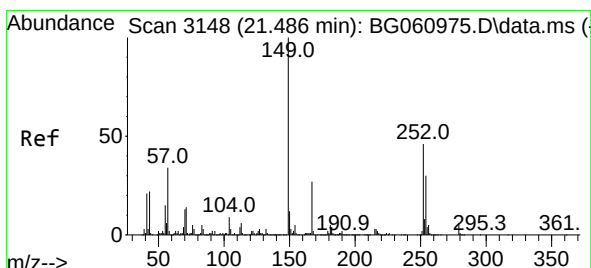
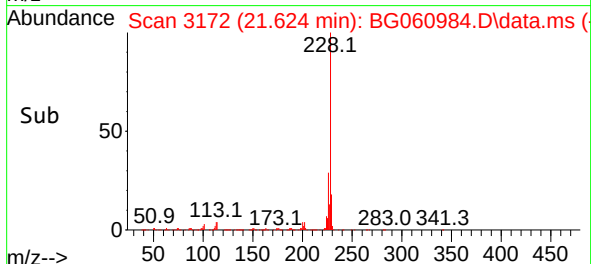
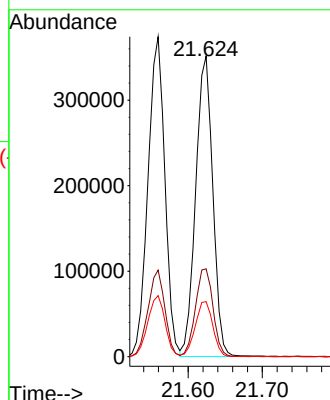
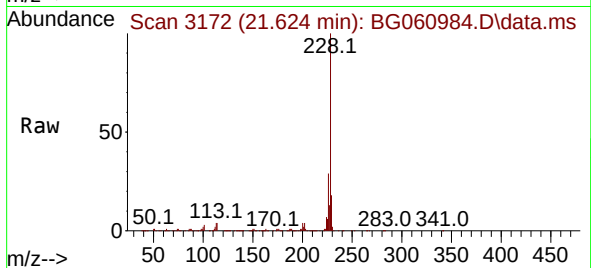
PB160360BS

Tgt Ion:228 Resp: 563262
 Ion Ratio Lower Upper
 228 100
 226 29.2 24.2 36.2
 229 18.3 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.538 ng

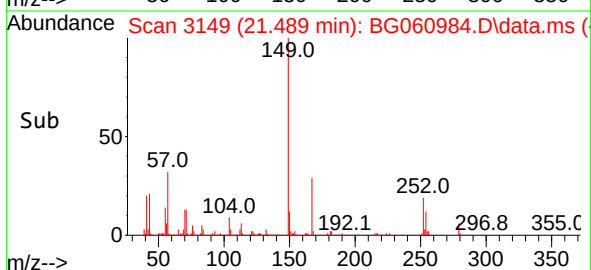
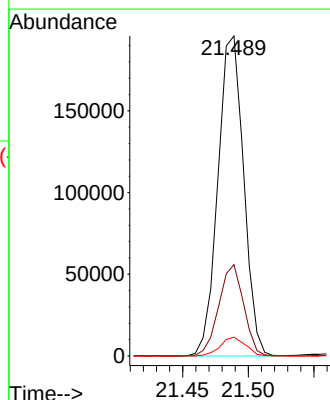
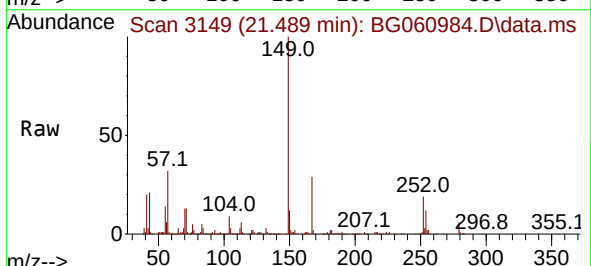
RT: 21.489 min Scan# 3149

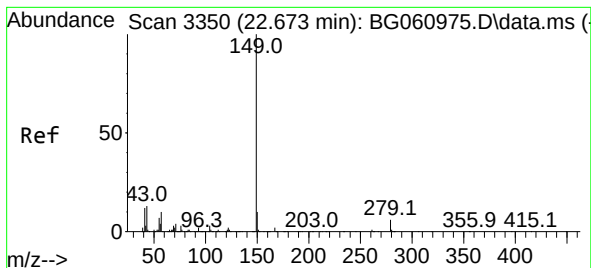
Delta R.T. 0.003 min

Lab File: BG060984.D

Acq: 21 Apr 2024 2:31

Tgt Ion:149 Resp: 267290
 Ion Ratio Lower Upper
 149 100
 167 28.5 21.8 32.8
 279 5.9 4.4 6.6





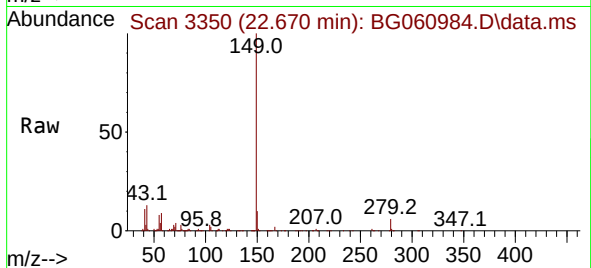
#85
Di-n-octyl phthalate
Concen: 43.210 ng
RT: 22.670 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

PB160360BS



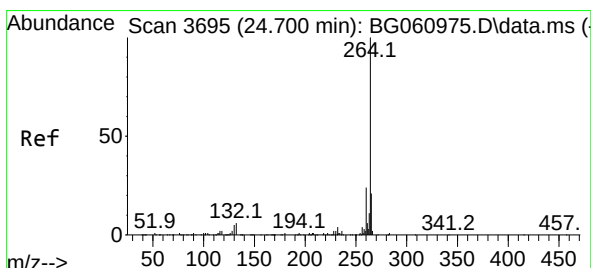
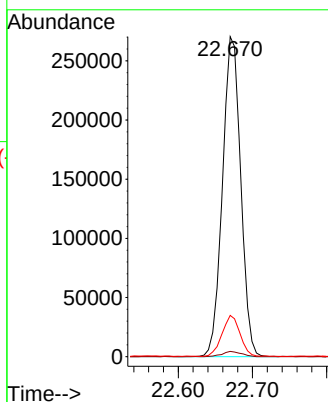
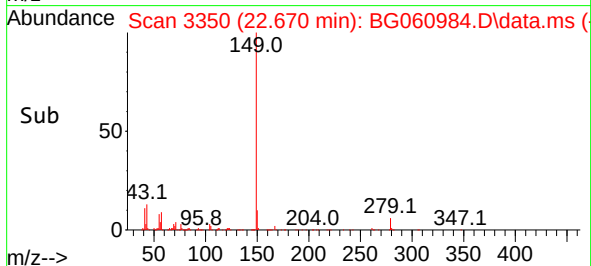
Tgt Ion:149 Resp: 461629
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 12.5 11.0 16.6

Manual Integrations

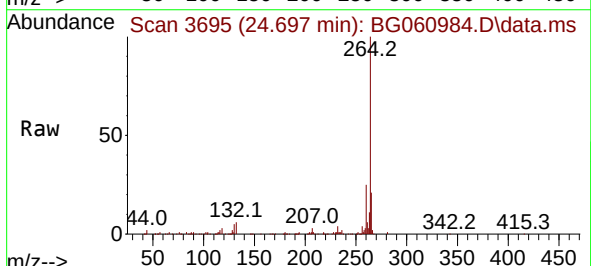
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

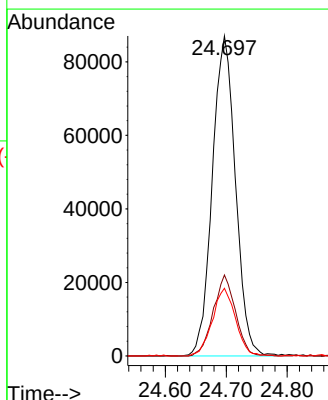
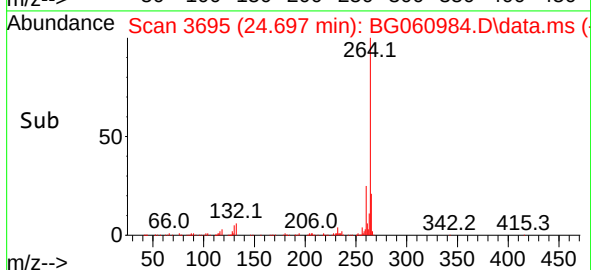
Supervised By :mohammad ahmed 04/24/2024

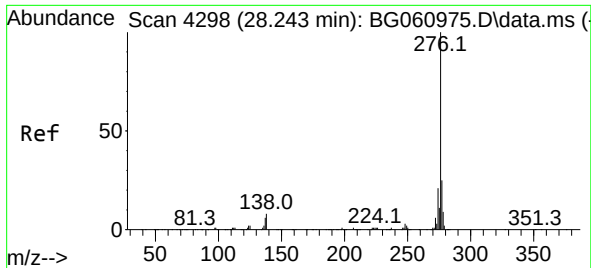


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.697 min Scan# 3695
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31



Tgt Ion:264 Resp: 229625
Ion Ratio Lower Upper
264 100
260 25.3 19.4 29.2
265 21.2 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.104 ng
 RT: 28.246 min Scan# 4298
 Delta R.T. 0.003 min
 Lab File: BG060984.D
 Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

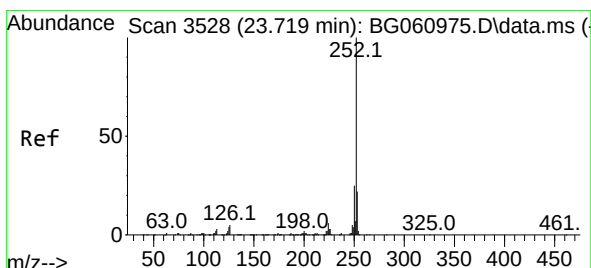
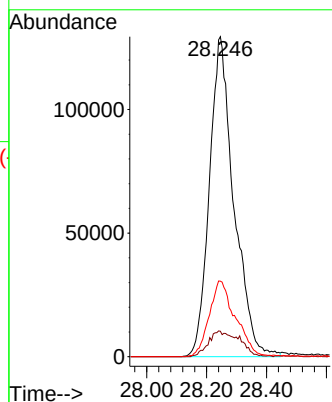
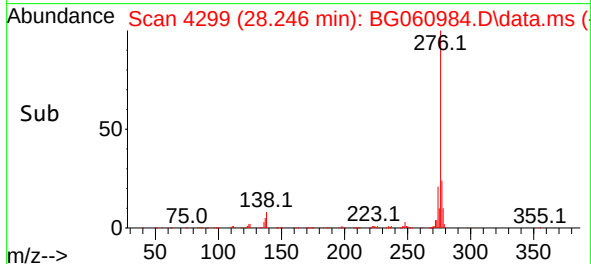
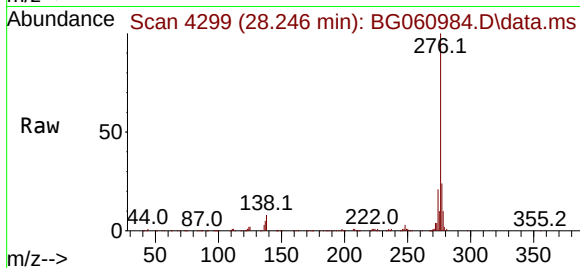
PB160360BS

Tgt Ion:276 Resp: 734408
 Ion Ratio Lower Upper
 276 100
 138 10.2 5.3 7.9
 277 25.4 20.6 30.8

Manual Integrations

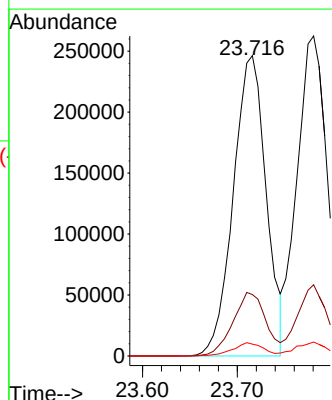
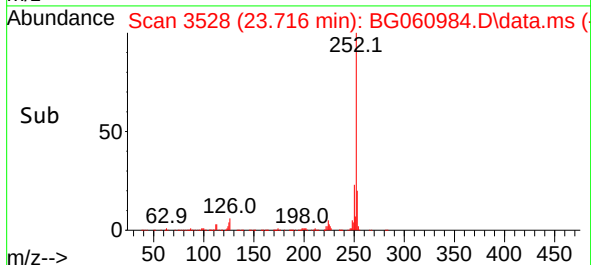
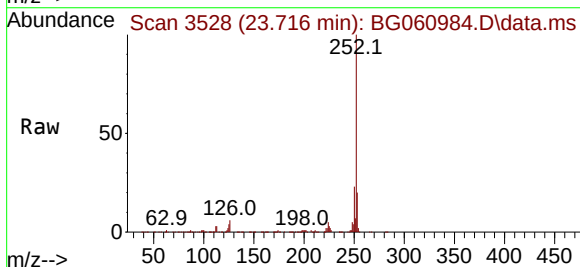
APPROVED

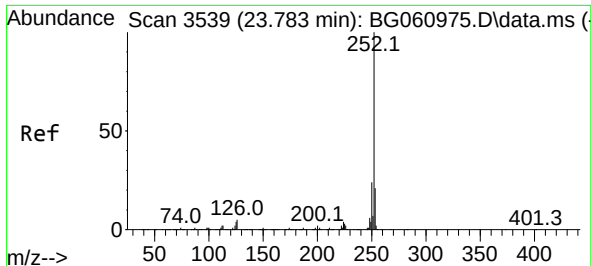
Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024



#88
 Benzo(b)fluoranthene
 Concen: 45.562 ng
 RT: 23.716 min Scan# 3528
 Delta R.T. -0.003 min
 Lab File: BG060984.D
 Acq: 21 Apr 2024 2:31

Tgt Ion:252 Resp: 592885
 Ion Ratio Lower Upper
 252 100
 253 20.5 17.5 26.3
 125 3.9 3.3 4.9





#89
Benzo(k)fluoranthene
Concen: 44.622 ng
RT: 23.780 min Scan# 3539
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

Instrument :

BNA_G

ClientSampleId :

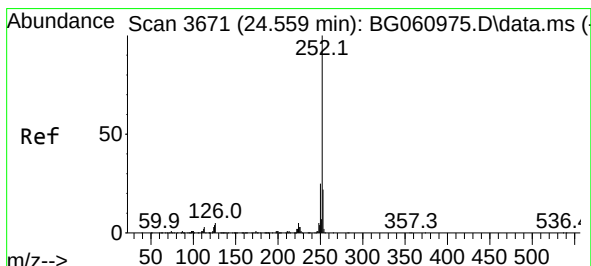
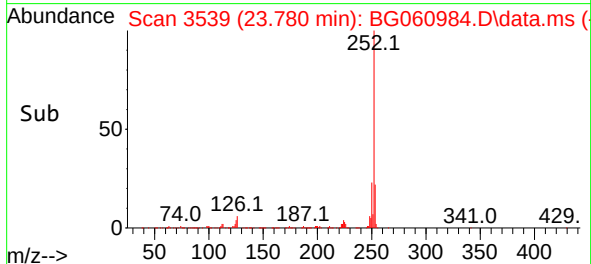
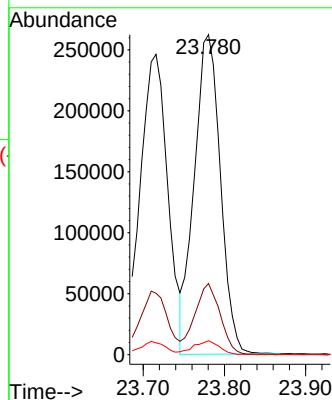
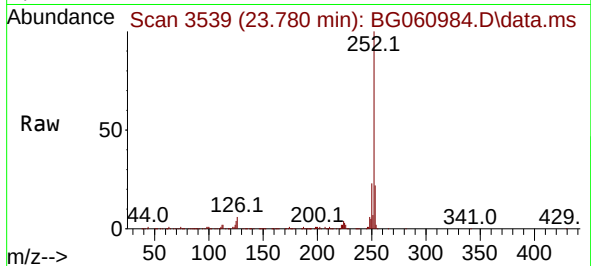
PB160360BS

Tgt Ion:252 Resp: 58616
Ion Ratio Lower Upper
252 100
253 22.3 16.6 25.0
125 4.4 3.3 4.9

Manual Integrations

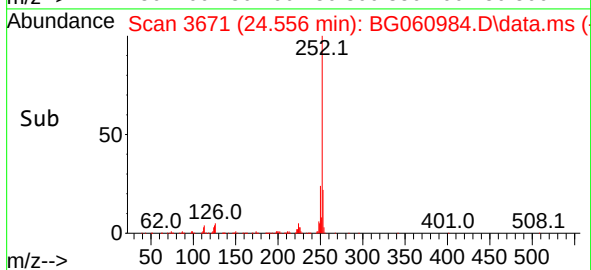
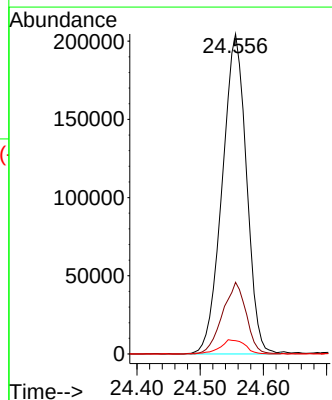
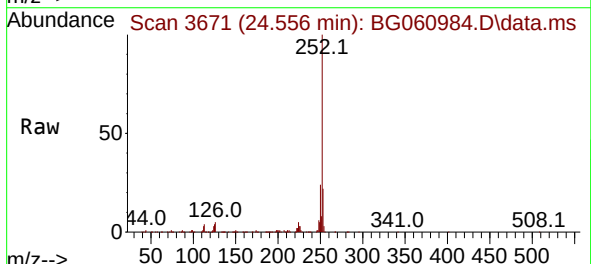
APPROVED

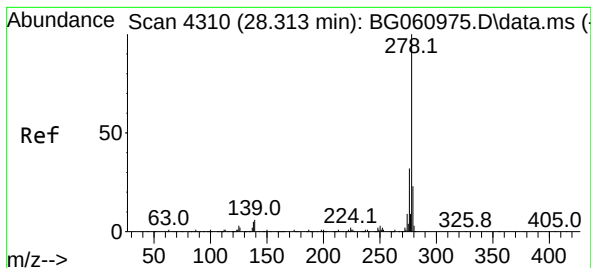
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#90
Benzo(a)pyrene
Concen: 43.275 ng
RT: 24.556 min Scan# 3671
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

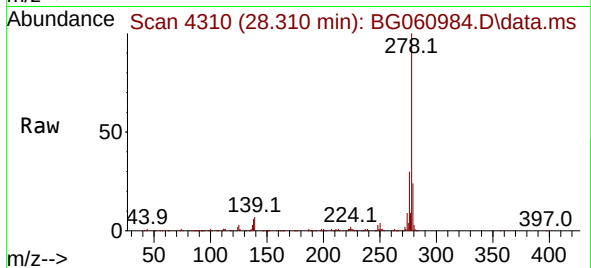
Tgt Ion:252 Resp: 545059
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 4.2 3.6 5.4





#91
Dibenzo(a,h)anthracene
Concen: 46.074 ng
RT: 28.310 min Scan# 41
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31

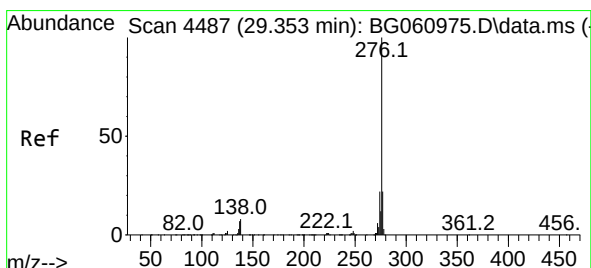
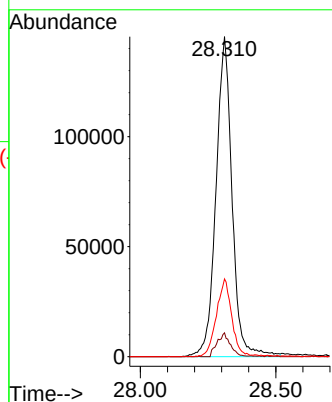
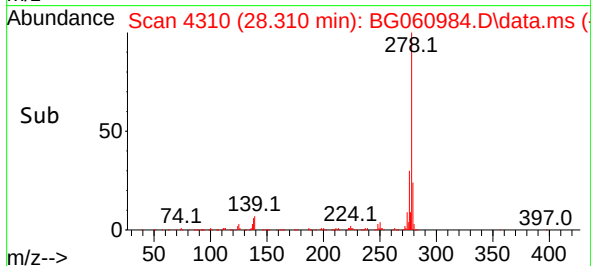
Instrument :
BNA_G
ClientSampleId :
PB160360BS



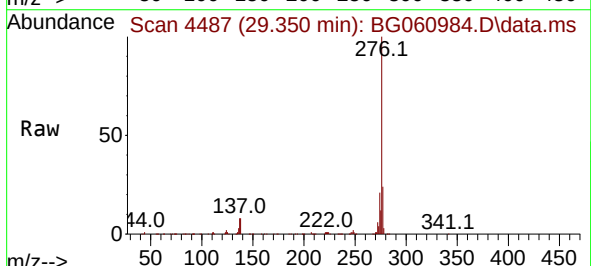
Tgt Ion:278 Resp: 59961
Ion Ratio Lower Upper
278 100
139 7.4 4.7 7.1
279 24.3 18.2 27.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#92
Benzo(g,h,i)perylene
Concen: 43.345 ng
RT: 29.350 min Scan# 4487
Delta R.T. -0.003 min
Lab File: BG060984.D
Acq: 21 Apr 2024 2:31



Tgt Ion:276 Resp: 559324
Ion Ratio Lower Upper
276 100
277 23.9 18.0 27.0
138 8.3 6.5 9.7

