

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042924\
 Data File : BG061048.D
 Acq On : 29 Apr 2024 15:29
 Operator : MA/JU
 Sample : PB160581BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB160581BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
 Supervised By :mohammad ahmed 05/03/2024

Quant Time: Apr 29 16:12:28 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	7.942	152	21370	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	90442	20.000	ng	# 0.00
39) Acenaphthene-d10	14.570	164	77274	20.000	ng	0.00
64) Phenanthrene-d10	17.320	188	194856	20.000	ng	0.00
76) Chrysene-d12	21.579	240	186825	20.000	ng	0.00
86) Perylene-d12	24.699	264	218832	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.533	112	159514	150.986	ng	0.00
7) Phenol-d6	7.120	99	213296	136.071	ng	0.01
23) Nitrobenzene-d5	9.100	82	151934	75.477	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	211602	124.701	ng	0.00
45) 2-Fluorobiphenyl	13.195	172	469460	84.082	ng	0.00
79) Terphenyl-d14	19.940	244	1025969	85.242	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.442	88	12291	33.615	ng	93
3) Pyridine	3.835	79	34287	30.337	ng	92
4) n-Nitrosodimethylamine	3.747	42	42858	42.162	ng	# 97
6) Aniline	7.267	93	47577	25.254	ng	95
8) 2-Chlorophenol	7.513	128	63137	47.963	ng	95
9) Benzaldehyde	7.079	77	2113	2.621	ng	# 86
10) Phenol	7.143	94	74564	47.878	ng	96
11) bis(2-Chloroethyl)ether	7.361	93	47112	42.282	ng	95
12) 1,3-Dichlorobenzene	7.831	146	64778	44.375	ng	99
13) 1,4-Dichlorobenzene	7.978	146	67166	44.669	ng	95
14) 1,2-Dichlorobenzene	8.295	146	66875	45.508	ng	96
15) Benzyl Alcohol	8.177	79	65885	44.516	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.459	45	110467	45.543	ng	99
17) 2-Methylphenol	8.389	107	53433	42.491	ng	97
18) Hexachloroethane	9.018	117	24609	45.420	ng	88
19) n-Nitroso-di-n-propyla...	8.747	70	45905	39.296	ng	94
20) 3+4-Methylphenols	8.718	107	75101	42.703	ng	99
22) Acetophenone	8.759	105	97457	38.590	ng	97
24) Nitrobenzene	9.141	77	73401	37.947	ng	95
25) Isophorone	9.664	82	130958	38.873	ng	99
26) 2-Nitrophenol	9.852	139	36646	40.310	ng	99
27) 2,4-Dimethylphenol	9.917	122	49569	34.018	ng	98
28) bis(2-Chloroethoxy)met...	10.146	93	71398	40.288	ng	95
29) 2,4-Dichlorophenol	10.392	162	73561	43.740	ng	98
30) 1,2,4-Trichlorobenzene	10.604	180	80270	43.259	ng	96
31) Naphthalene	10.786	128	199729	40.337	ng	98
32) Benzoic acid	10.069	122	51132	46.054	ng	91
33) 4-Chloroaniline	10.898	127	35213	15.655	ng	97
34) Hexachlorobutadiene	11.074	225	69141	42.369	ng	98
35) Caprolactam	11.673	113	22342m	41.709	ng	
36) 4-Chloro-3-methylphenol	12.026	107	83270	42.454	ng	96
37) 2-Methylnaphthalene	12.396	142	150439	38.642	ng	97
38) 1-Methylnaphthalene	12.613	142	141727	39.011	ng	96
40) 1,2,4,5-Tetrachloroben...	12.766	216	123325	44.909	ng	98
41) Hexachlorocyclopentadiene	12.749	237	158346	97.997	ng	99
43) 2,4,6-Trichlorophenol	13.007	196	81933	45.388	ng	97

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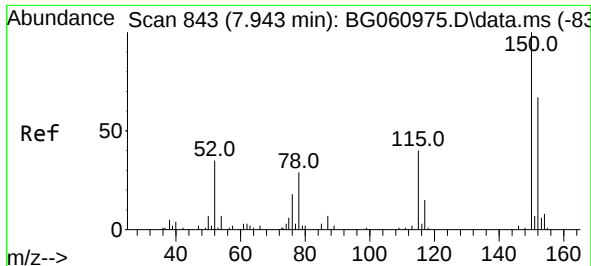
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.083	196	89210	41.778	ng	97
46) 1,1'-Biphenyl	13.407	154	225339	43.292	ng	98
47) 2-Chloronaphthalene	13.448	162	171508	42.975	ng	99
48) 2-Nitroaniline	13.647	65	66365	41.203	ng	92
49) Acenaphthylene	14.294	152	296649	44.135	ng	99
50) Dimethylphthalate	14.029	163	260145	40.826	ng	99
51) 2,6-Dinitrotoluene	14.147	165	54208	40.771	ng	96
52) Acenaphthene	14.635	154	164039	40.165	ng	98
53) 3-Nitroaniline	14.476	138	31574	24.083	ng	96
54) 2,4-Dinitrophenol	14.687	184	79386	90.838	ng	98
55) Dibenzofuran	14.969	168	281970	39.982	ng	98
56) 4-Nitrophenol	14.799	139	83559	88.964	ng	100
57) 2,4-Dinitrotoluene	14.934	165	79838	41.693	ng	98
58) Fluorene	15.622	166	241741	40.611	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.199	232	89041	41.315	ng	# 98
60) Diethylphthalate	15.392	149	255923	40.783	ng	99
61) 4-Chlorophenyl-phenyle...	15.616	204	144295	39.304	ng	99
62) 4-Nitroaniline	15.639	138	52022	36.800	ng	97
63) Azobenzene	15.910	77	203238	39.818	ng	99
65) 4,6-Dinitro-2-methylph...	15.704	198	55776	46.358	ng	98
66) n-Nitrosodiphenylamine	15.827	169	225536	42.012	ng	98
67) 4-Bromophenyl-phenylether	16.509	248	107791	41.916	ng	98
68) Hexachlorobenzene	16.626	284	126109	44.396	ng	98
69) Atrazine	16.779	200	97742	48.647	ng	94
70) Pentachlorophenol	16.973	266	166576	89.431	ng	97
71) Phenanthrene	17.361	178	413957	41.620	ng	99
72) Anthracene	17.455	178	422267	41.223	ng	98
73) Carbazole	17.719	167	353856	41.594	ng	99
74) Di-n-butylphthalate	18.289	149	430989	41.727	ng	100
75) Fluoranthene	19.376	202	539361	40.861	ng	97
77) Benzidine	19.552	184	128962	37.254	ng	98
78) Pyrene	19.734	202	547186	43.015	ng	98
80) Butylbenzylphthalate	20.628	149	177898	41.958	ng	97
81) Benzo(a)anthracene	21.556	228	568450	43.278	ng	97
82) 3,3'-Dichlorobenzidine	21.474	252	138985	29.279	ng	# 97
83) Chrysene	21.620	228	537649	42.993	ng	98
84) Bis(2-ethylhexyl)phtha...	21.479	149	255985	41.527	ng	100
85) Di-n-octyl phthalate	22.666	149	438107	42.808	ng	99
87) Indeno(1,2,3-cd)pyrene	28.254	276	704614	46.416	ng	99
88) Benzo(b)fluoranthene	23.718	252	556936	44.910	ng	99
89) Benzo(k)fluoranthene	23.783	252	557474	44.531	ng	100
90) Benzo(a)pyrene	24.558	252	522000	43.488	ng	99
91) Dibenzo(a,h)anthracene	28.319	278	571752	46.099	ng	98
92) Benzo(g,h,i)perylene	29.358	276	531579	43.227	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.942 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

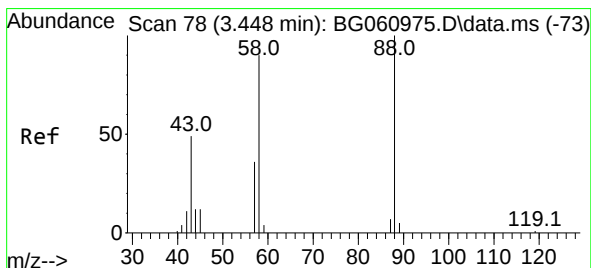
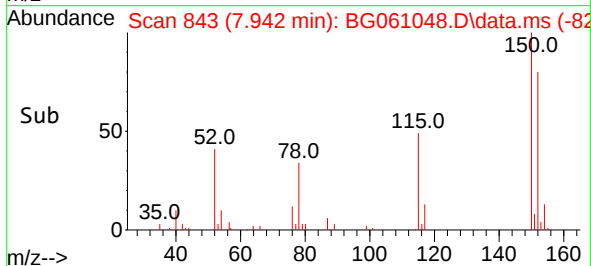
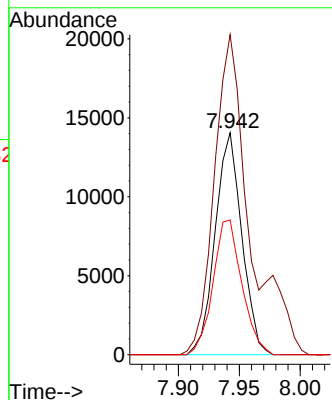
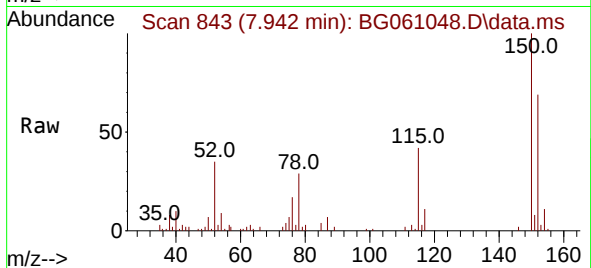
PB160581BS

Tgt Ion:152 Resp: 21370
Ion Ratio Lower Upper
152 100
150 144.2 118.6 178.0
115 60.7 47.4 71.0

Manual Integrations

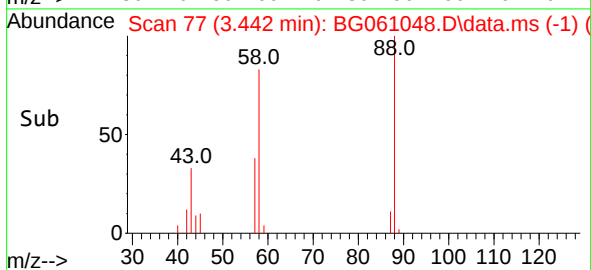
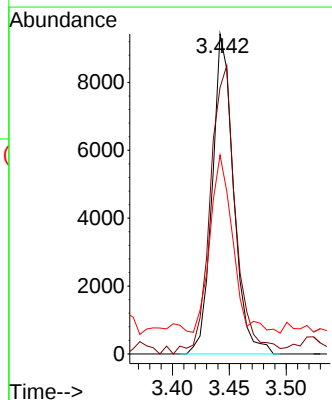
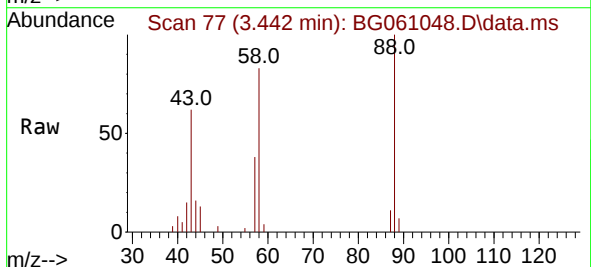
APPROVED

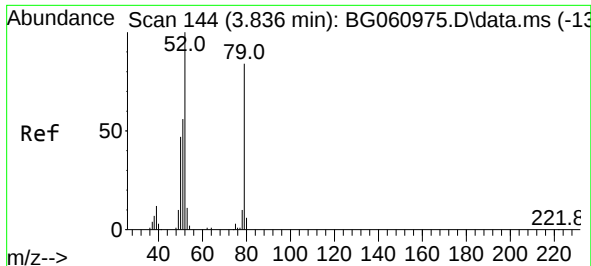
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#2
1,4-Dioxane
Concen: 33.615 ng
RT: 3.442 min Scan# 77
Delta R.T. -0.006 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

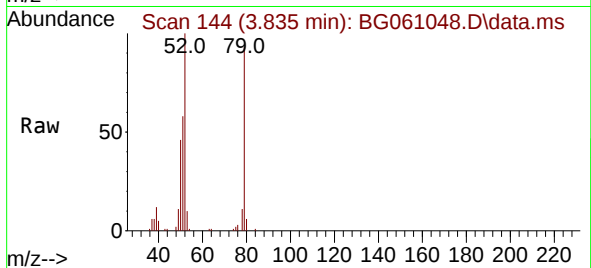
Tgt Ion: 88 Resp: 12291
Ion Ratio Lower Upper
88 100
58 107.4 80.2 120.2
43 59.1 43.4 65.0





#3
Pyridine
Concen: 30.337 ng
RT: 3.835 min Scan# 144
Delta R.T. -0.001 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

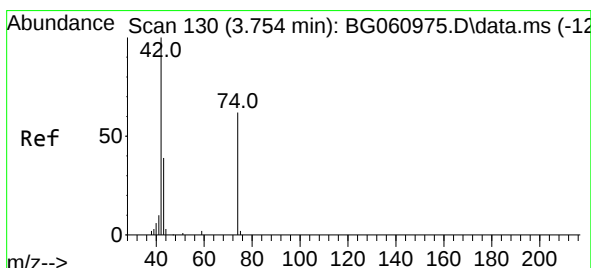
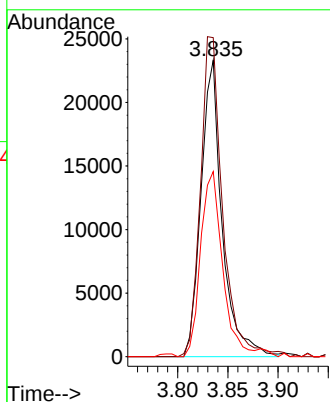
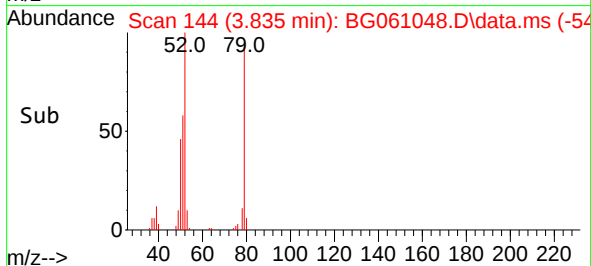
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ClientSampleId :
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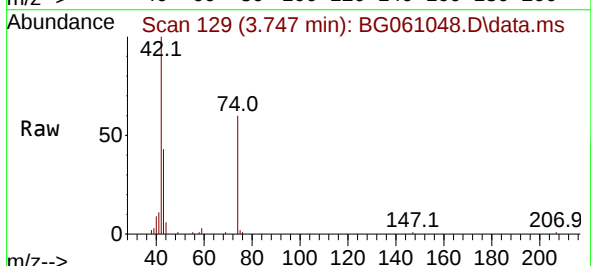
Tgt Ion: 79 Resp: 3428
Ion Ratio Lower Upper
79 100
52 107.6 95.0 142.6
51 62.4 53.3 79.9

Manual Integrations
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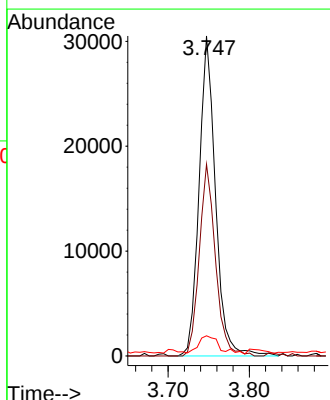
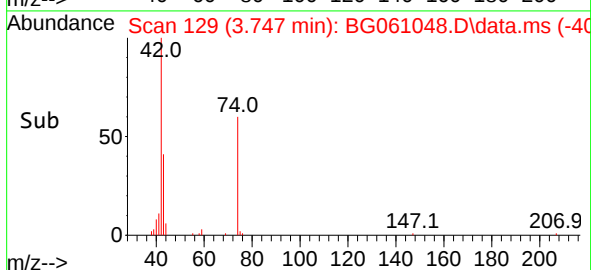
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Supervised By :mohammad ahmed 05/03/2024

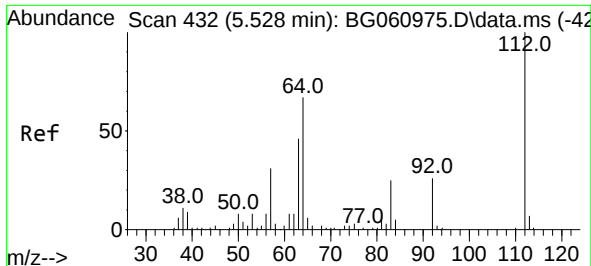


#4
n-Nitrosodimethylamine
Concen: 42.162 ng
RT: 3.747 min Scan# 129
Delta R.T. -0.006 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29



Tgt Ion: 42 Resp: 42858
Ion Ratio Lower Upper
42 100
74 59.9 49.8 74.6
44 6.3 3.8 5.6#





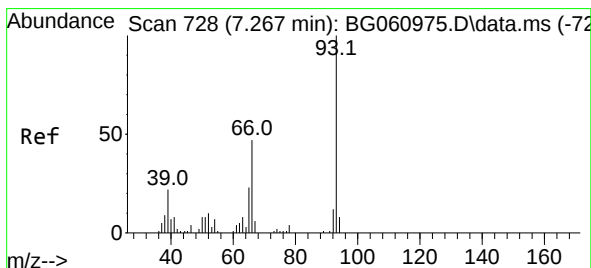
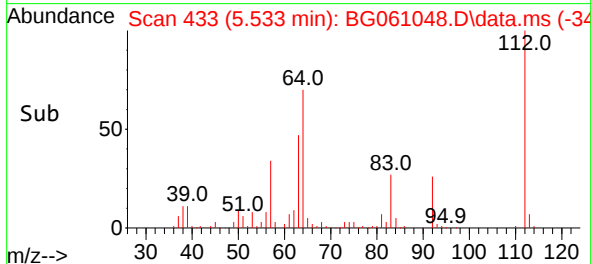
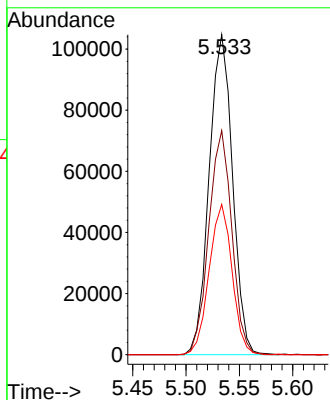
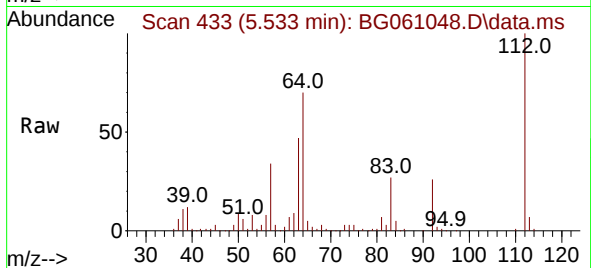
#5
2-Fluorophenol
Concen: 150.986 ng
RT: 5.533 min Scan# 411
Delta R.T. 0.005 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:112 Resp: 159514
Ion Ratio Lower Upper
112 100
64 70.0 53.7 80.5
63 46.9 37.0 55.6

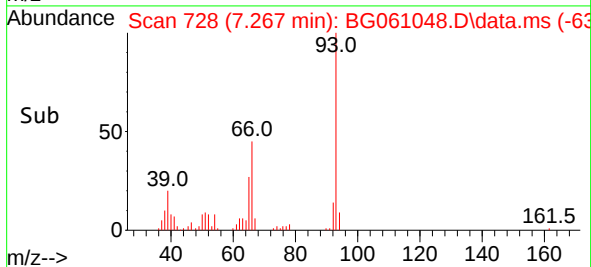
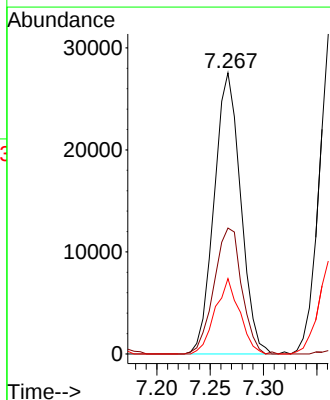
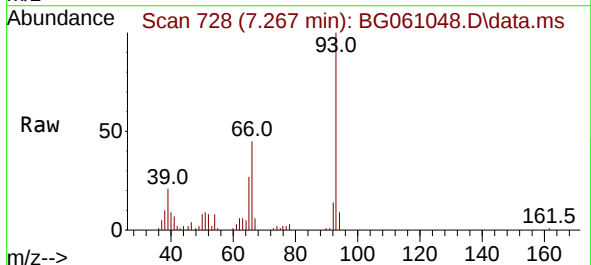
Manual Integrations
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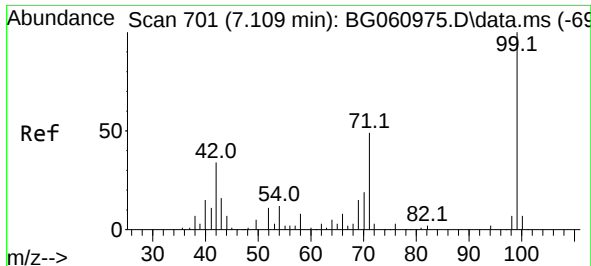
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#6
Aniline
Concen: 25.254 ng
RT: 7.267 min Scan# 728
Delta R.T. -0.001 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

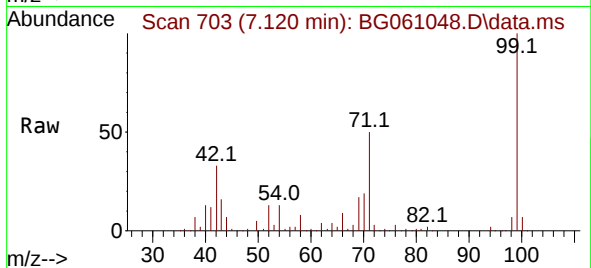
Tgt Ion: 93 Resp: 47577
Ion Ratio Lower Upper
93 100
66 44.8 37.9 56.9
65 26.8 18.2 27.4





#7
Phenol-d6
Concen: 136.071 ng
RT: 7.120 min Scan# 701
Delta R.T. 0.011 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

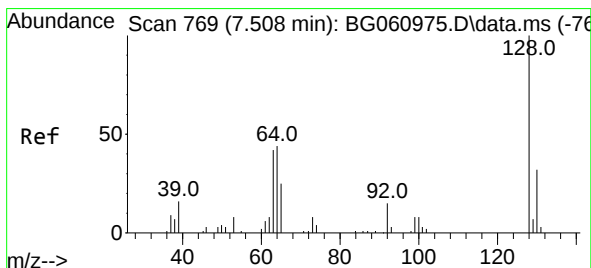
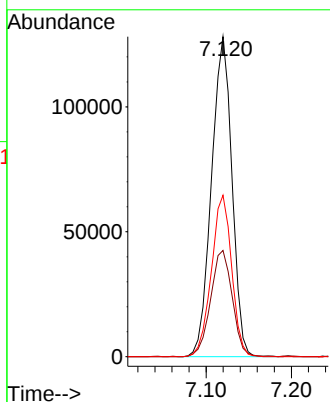
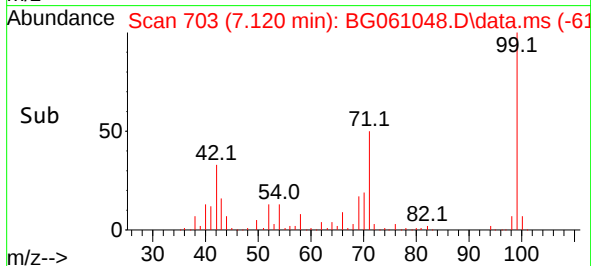
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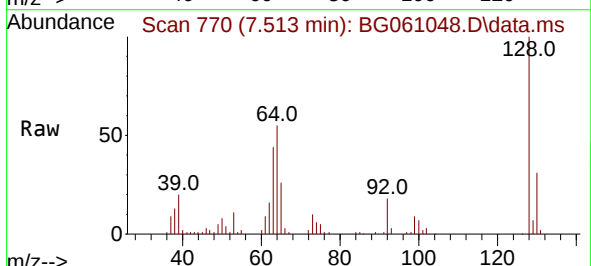
Tgt Ion: 99 Resp: 213290
Ion Ratio Lower Upper
99 100
42 33.2 27.2 40.8
71 50.5 38.8 58.2

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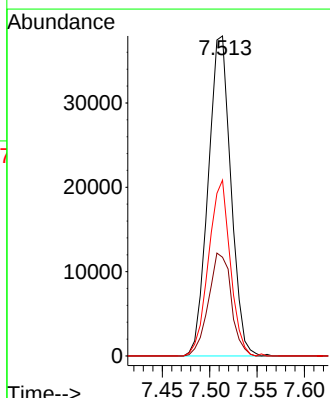
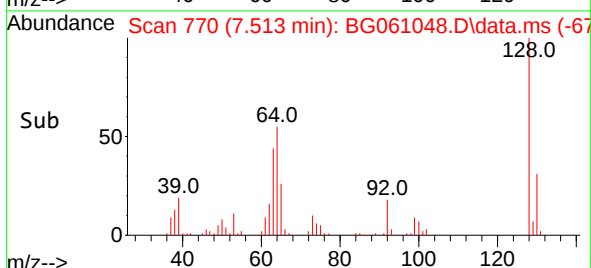
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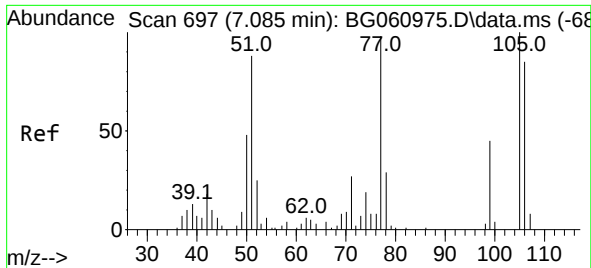


#8
2-Chlorophenol
Concen: 47.963 ng
RT: 7.513 min Scan# 770
Delta R.T. 0.005 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29



Tgt Ion:128 Resp: 63137
Ion Ratio Lower Upper
128 100
130 30.9 12.2 52.2
64 54.9 30.8 70.8





#9
Benzaldehyde
Concen: 2.621 ng
RT: 7.079 min Scan# 697
Delta R.T. -0.006 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

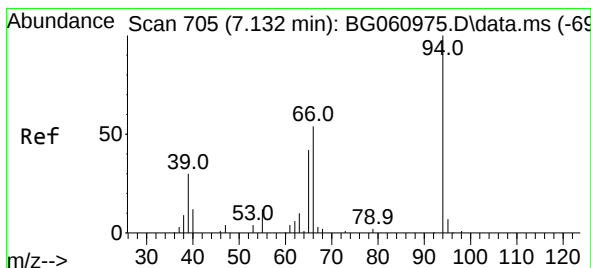
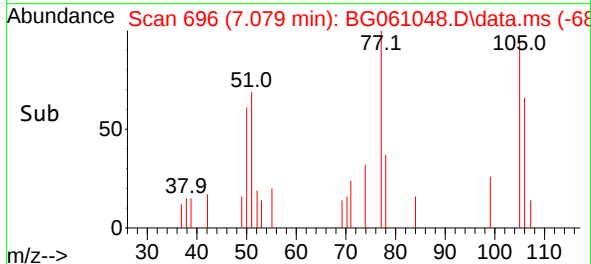
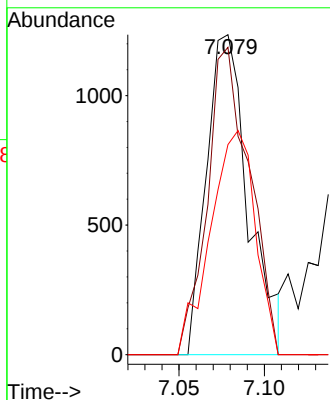
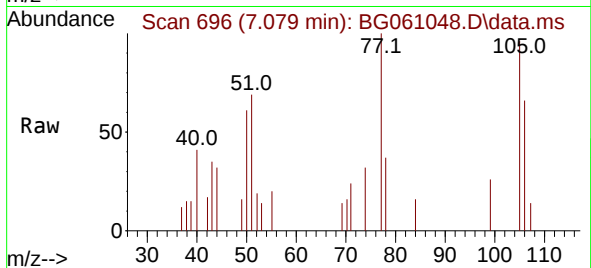
ClientSampleId :

PB160581BS

Tgt Ion: 77 Resp: 211
Ion Ratio Lower Upper
77 100
105 96.0 81.7 121.7
106 65.7 66.7 106.7

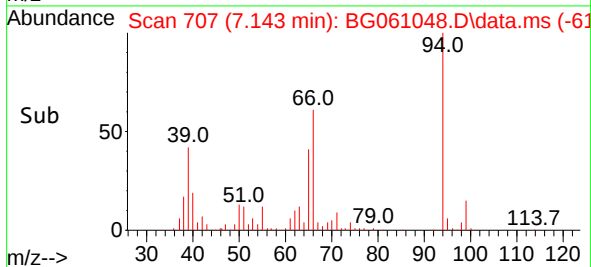
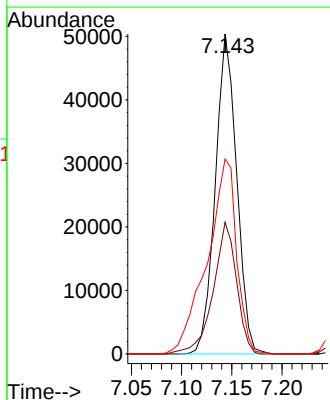
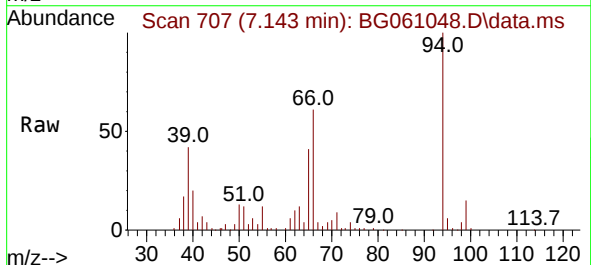
Manual Integrations
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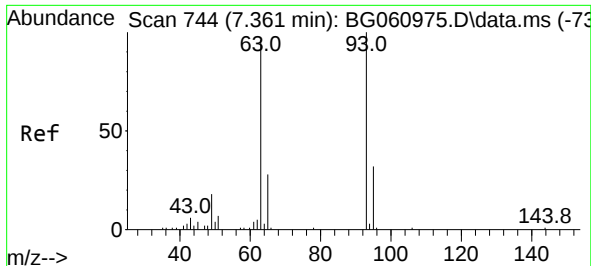
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#10
Phenol
Concen: 47.878 ng
RT: 7.143 min Scan# 707
Delta R.T. 0.011 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Tgt Ion: 94 Resp: 74564
Ion Ratio Lower Upper
94 100
65 41.1 23.1 63.1
66 60.9 38.0 78.0





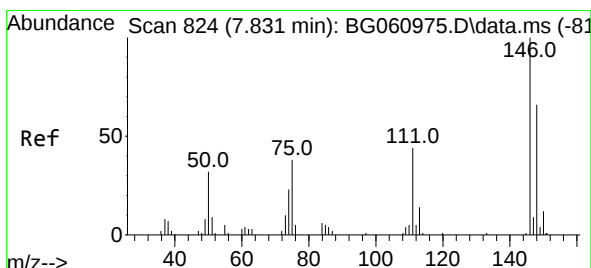
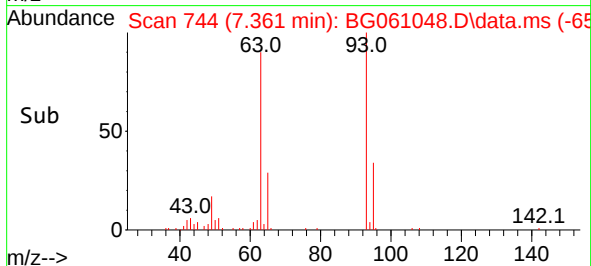
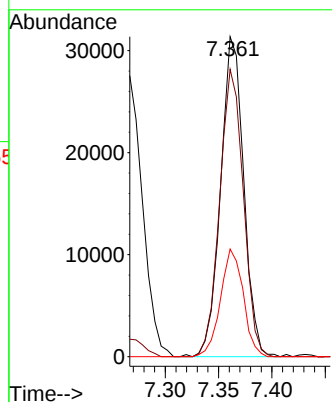
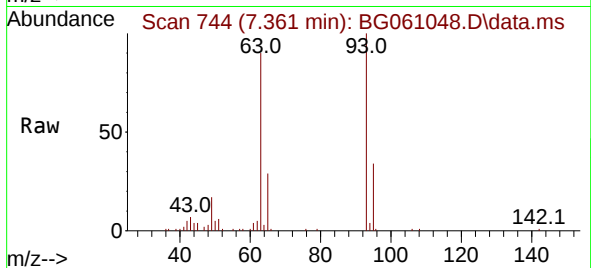
#11
bis(2-Chloroethyl)ether
Concen: 42.282 ng
RT: 7.361 min Scan# 744
Delta R.T. -0.001 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Instrument :
BNA_G
ClientSampleId :
PB160581BS

Tgt Ion: 93 Resp: 47111
Ion Ratio Lower Upper
93 100
63 89.8 75.6 115.6
95 34.3 12.1 52.1

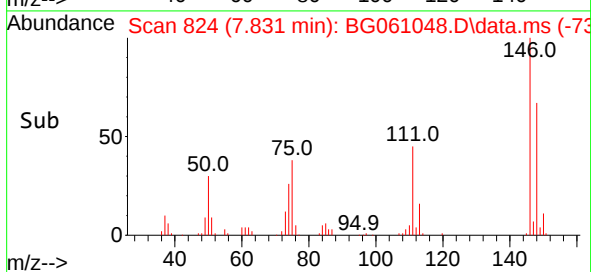
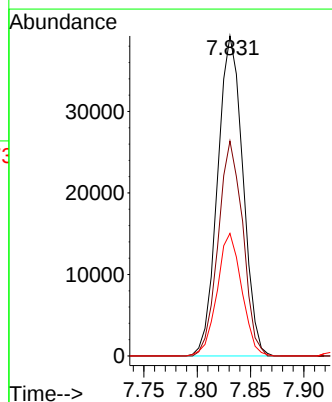
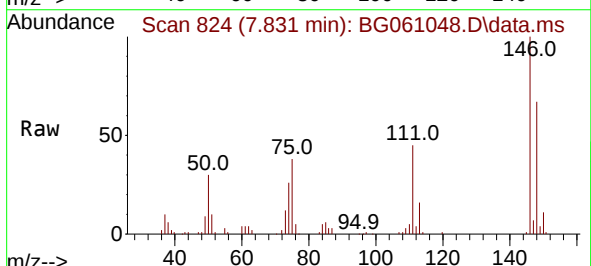
Manual Integrations
APPROVED

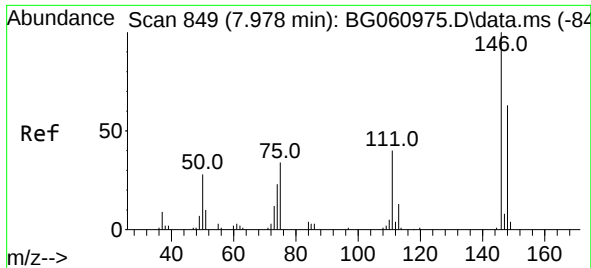
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#12
1,3-Dichlorobenzene
Concen: 44.375 ng
RT: 7.831 min Scan# 824
Delta R.T. -0.001 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Tgt Ion:146 Resp: 64778
Ion Ratio Lower Upper
146 100
148 67.1 52.7 79.1
75 38.3 30.1 45.1





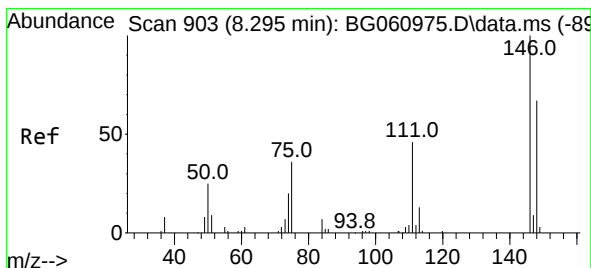
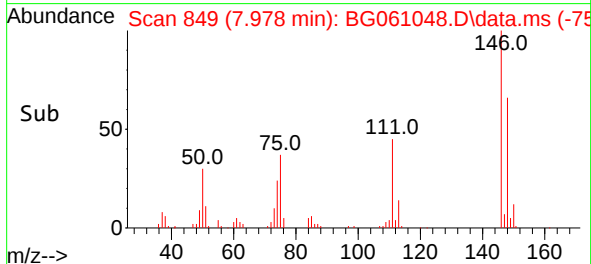
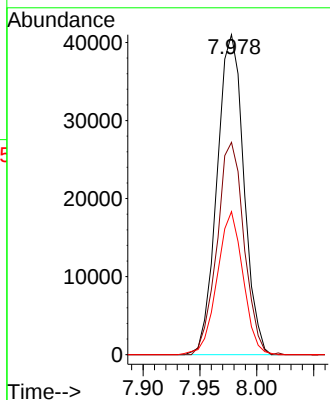
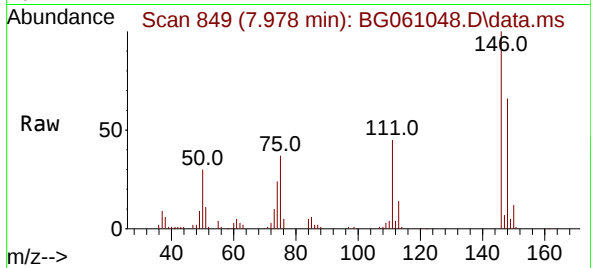
#13
1,4-Dichlorobenzene
Concen: 44.669 ng
RT: 7.978 min Scan# 849
Delta R.T. -0.001 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Instrument :
BNA_G
ClientSampleId :
PB160581BS

Tgt Ion:146 Resp: 67160
Ion Ratio Lower Upper
146 100
148 66.4 50.4 75.6
111 44.7 32.7 49.1

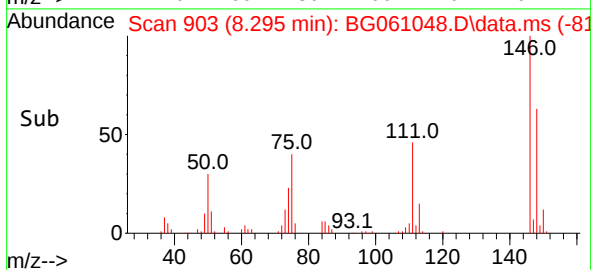
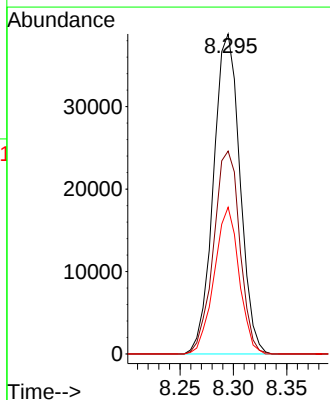
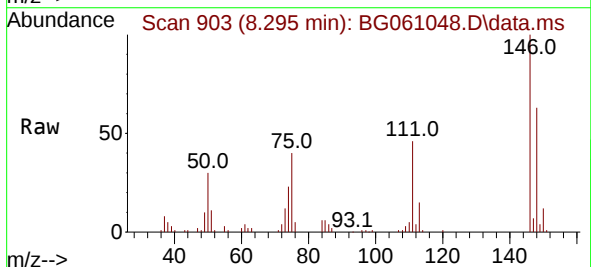
Manual Integrations
APPROVED

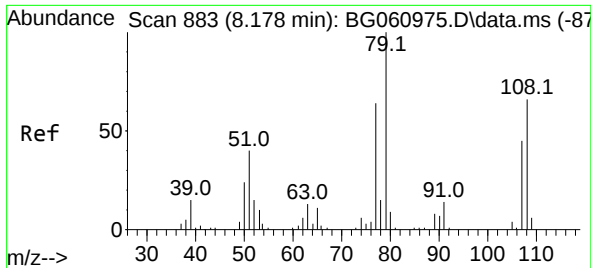
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#14
1,2-Dichlorobenzene
Concen: 45.508 ng
RT: 8.295 min Scan# 903
Delta R.T. -0.001 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Tgt Ion:146 Resp: 66875
Ion Ratio Lower Upper
146 100
148 63.4 53.8 80.8
111 45.8 38.2 57.2





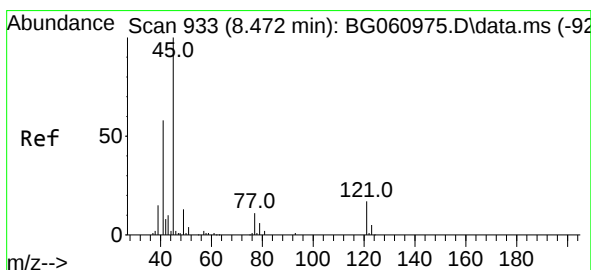
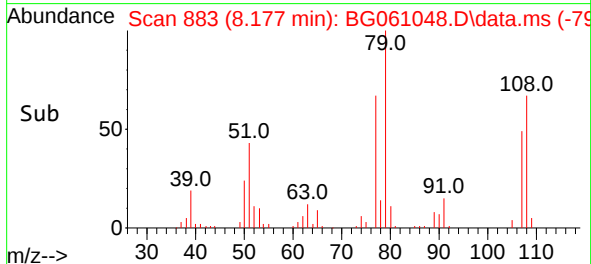
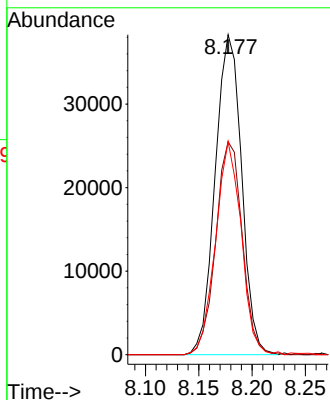
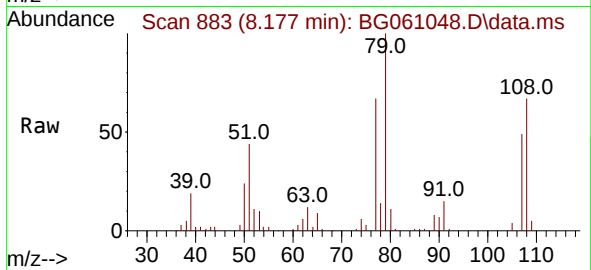
#15
Benzyl Alcohol
Concen: 44.516 ng
RT: 8.177 min Scan# 811
Delta R.T. -0.001 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Instrument :
BNA_G
ClientSampleId :
PB160581BS

Tgt Ion: 79 Resp: 6588
Ion Ratio Lower Upper
79 100
108 66.6 53.0 79.6
77 66.6 51.4 77.0

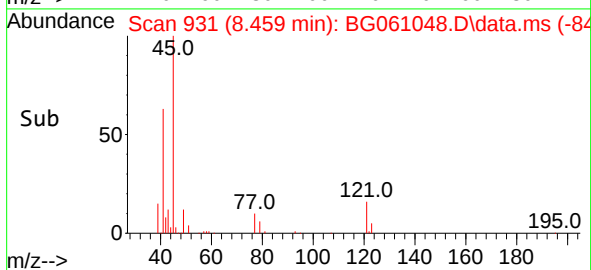
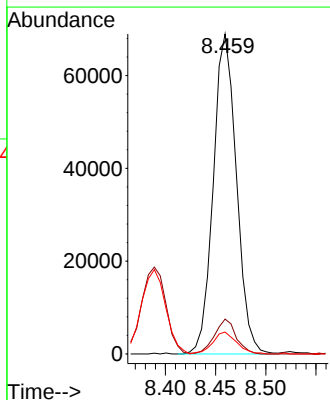
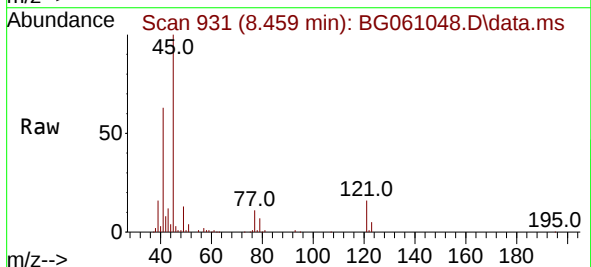
Manual Integrations
APPROVED

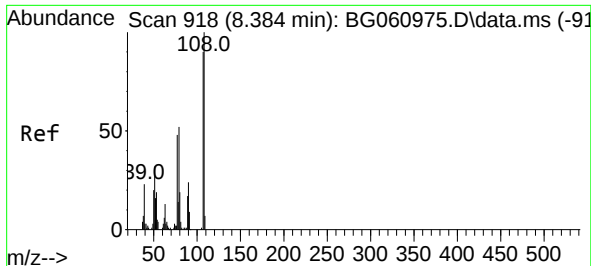
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.543 ng
RT: 8.459 min Scan# 931
Delta R.T. -0.012 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Tgt Ion: 45 Resp: 110467
Ion Ratio Lower Upper
45 100
77 10.9 0.0 30.6
79 6.9 0.0 26.6





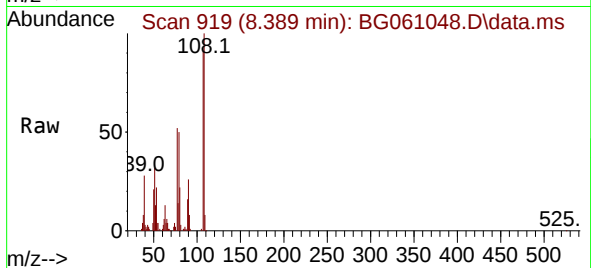
#17
2-Methylphenol
Concen: 42.491 ng
RT: 8.389 min Scan# 918
Delta R.T. 0.005 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

PB160581BS

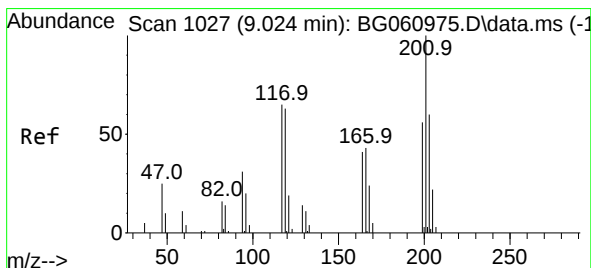
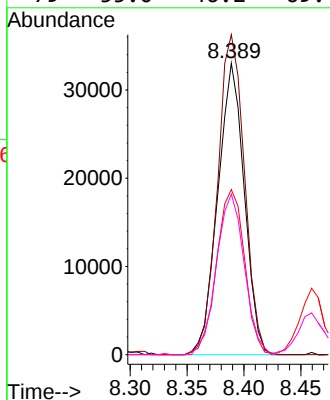
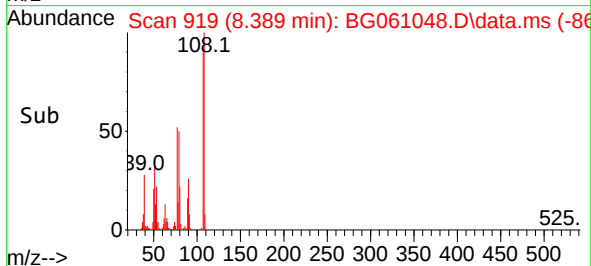


Tgt Ion:107 Resp: 5343
Ion Ratio Lower Upper
107 100
108 109.8 89.2 133.8
77 56.6 43.0 64.6
79 55.0 46.2 69.4

Manual Integrations

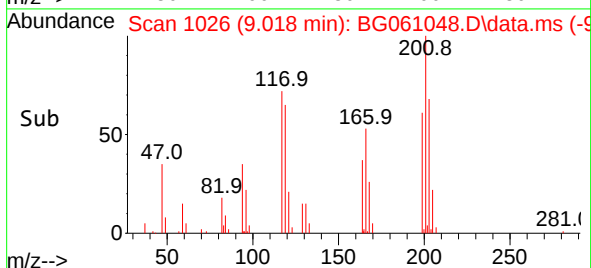
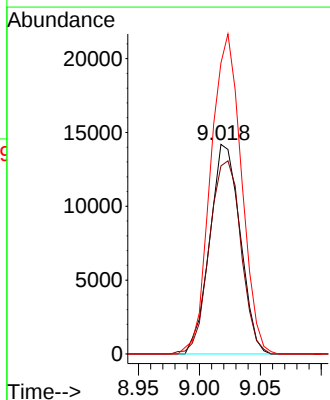
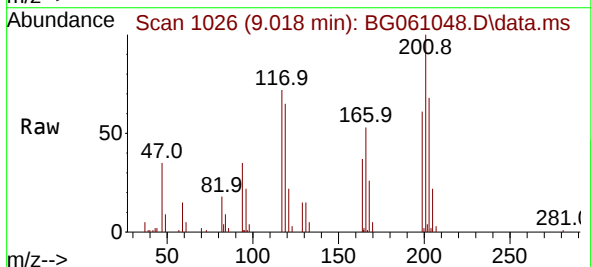
APPROVED

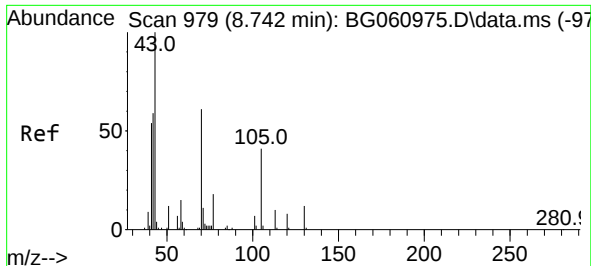
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#18
Hexachloroethane
Concen: 45.420 ng
RT: 9.018 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Tgt Ion:117 Resp: 24609
Ion Ratio Lower Upper
117 100
119 89.7 79.8 119.8
201 138.8 124.0 186.0





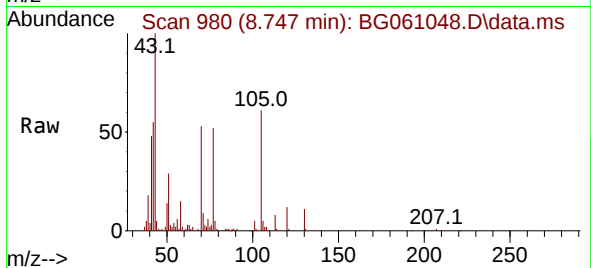
#19
n-Nitroso-di-n-propylamine
Concen: 39.296 ng
RT: 8.747 min Scan# 979
Delta R.T. 0.005 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

PB160581BS

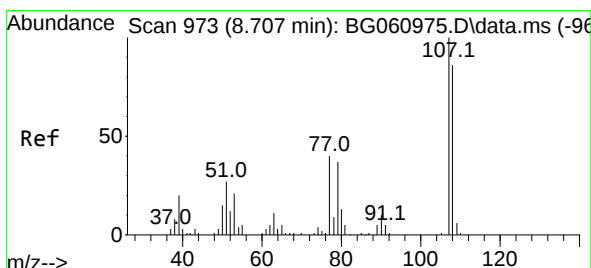
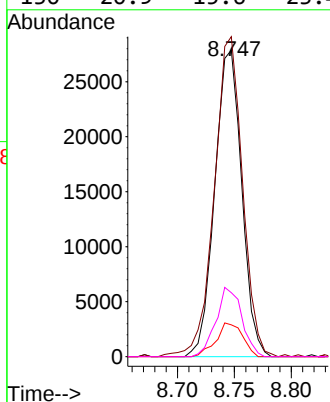
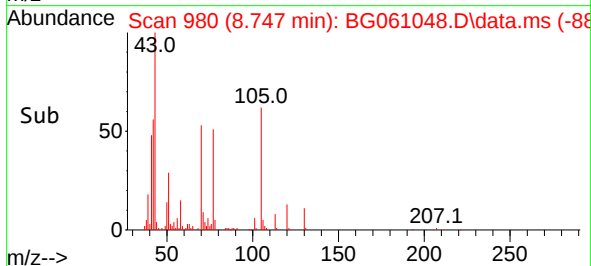


Tgt Ion: 70 Resp: 4590
Ion Ratio Lower Upper
70 100
42 104.4 78.0 117.0
101 10.4 8.6 13.0
130 20.9 15.6 23.4

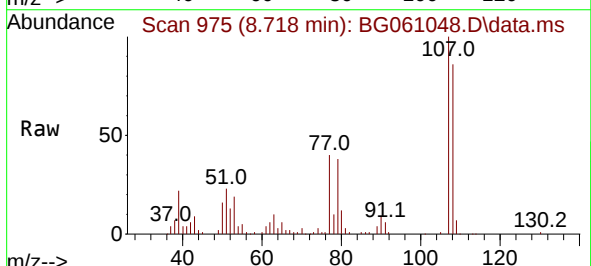
Manual Integrations

APPROVED

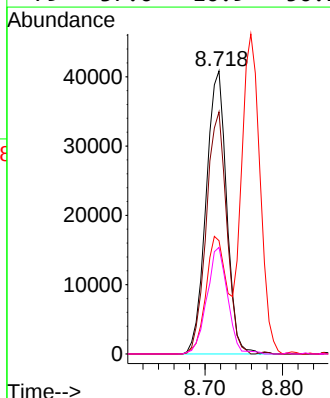
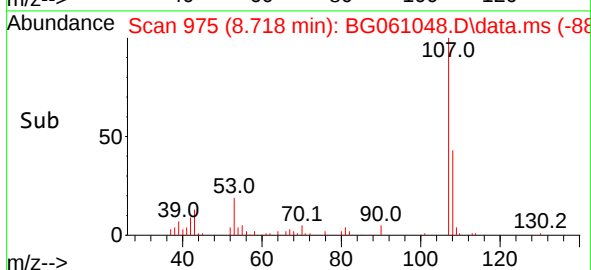
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

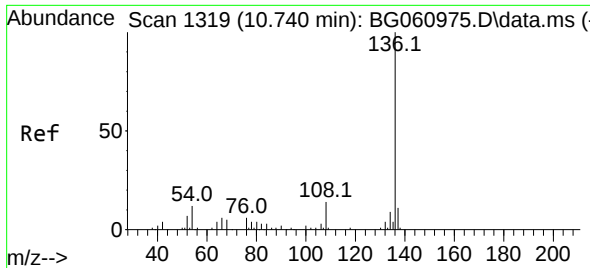


#20
3+4-Methylphenols
Concen: 42.703 ng
RT: 8.718 min Scan# 975
Delta R.T. 0.011 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29



Tgt Ion:107 Resp: 75101
Ion Ratio Lower Upper
107 100
108 85.5 66.5 106.5
77 40.0 19.9 59.9
79 37.6 16.9 56.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

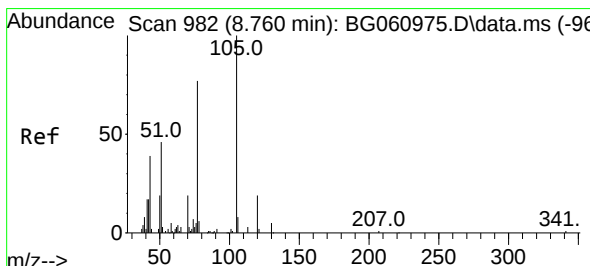
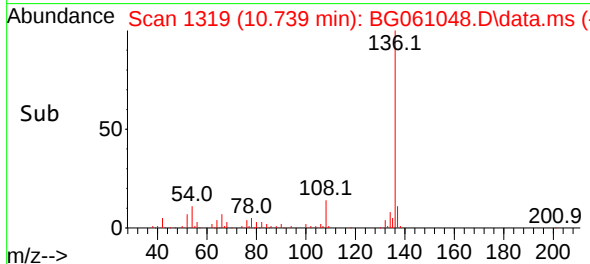
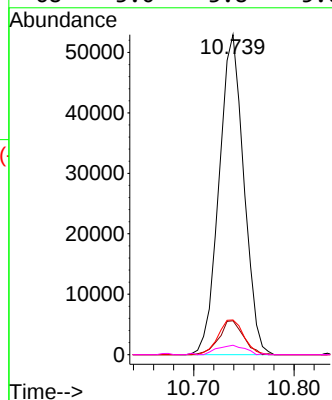
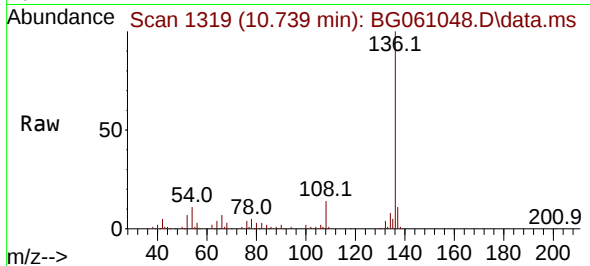
ClientSampleId :

PB160581BS

Tgt Ion:136 Resp: 90442
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 10.9 9.4 14.0
68 3.0 3.8 5.6#

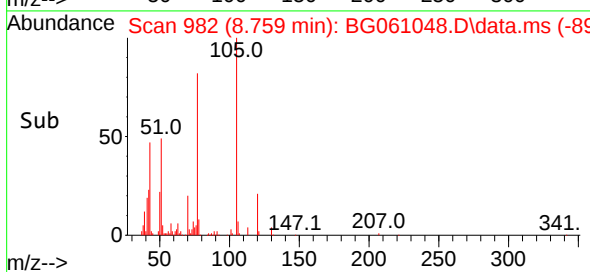
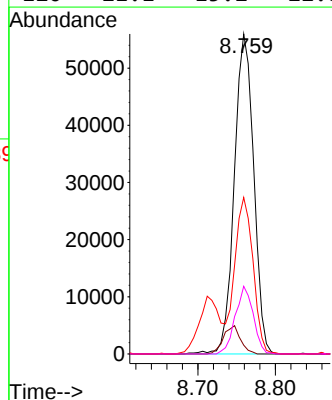
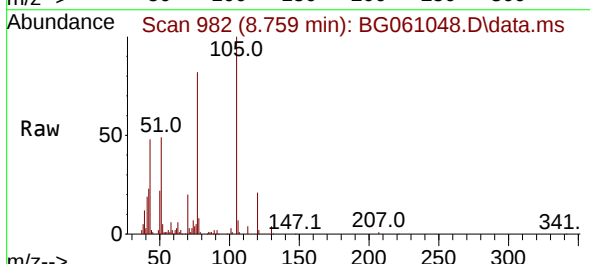
Manual Integrations
APPROVED

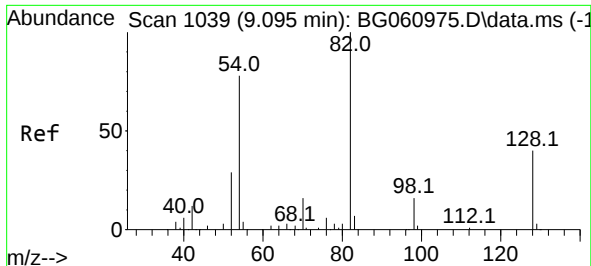
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#22
Acetophenone
Concen: 38.590 ng
RT: 8.759 min Scan# 982
Delta R.T. -0.001 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Tgt Ion:105 Resp: 97457
Ion Ratio Lower Upper
105 100
71 2.8 2.5 3.7
51 48.9 37.8 56.6
120 21.1 15.2 22.8





#23

Nitrobenzene-d5

Concen: 75.477 ng

RT: 9.100 min Scan# 1040

Delta R.T. 0.005 min

Lab File: BG061048.D

Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

PB160581BS

Tgt Ion: 82 Resp: 151934

Ion Ratio Lower Upper

82 100

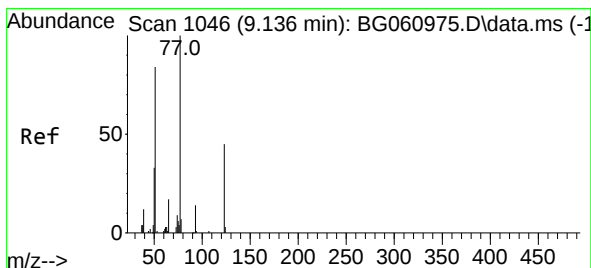
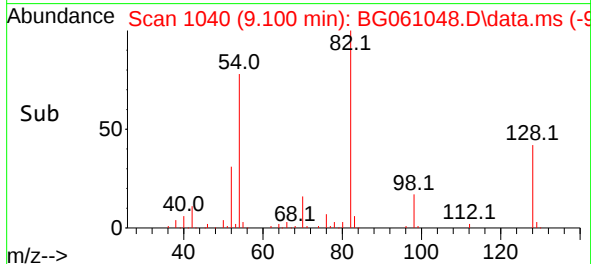
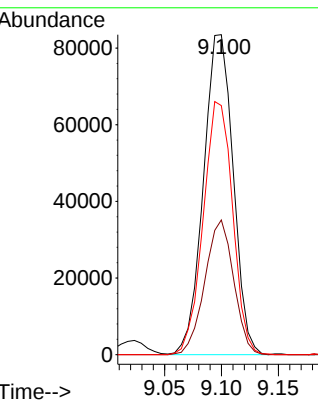
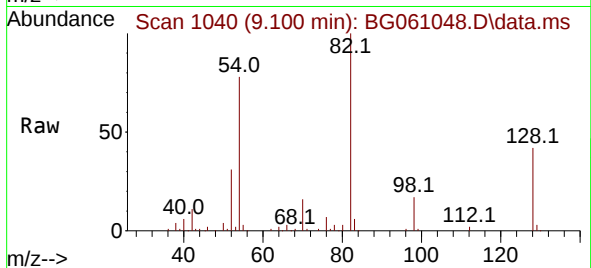
128 42.1 32.1 48.1

54 77.8 62.3 93.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#24

Nitrobenzene

Concen: 37.947 ng

RT: 9.141 min Scan# 1047

Delta R.T. 0.005 min

Lab File: BG061048.D

Acq: 29 Apr 2024 15:29

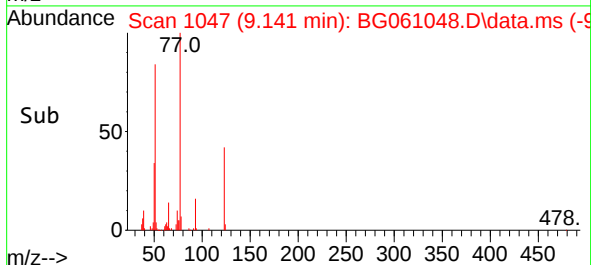
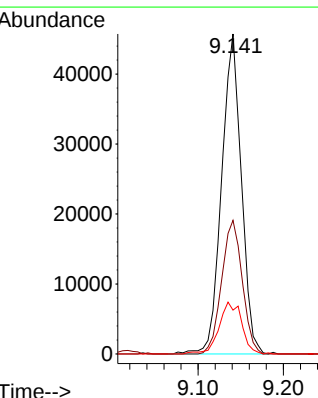
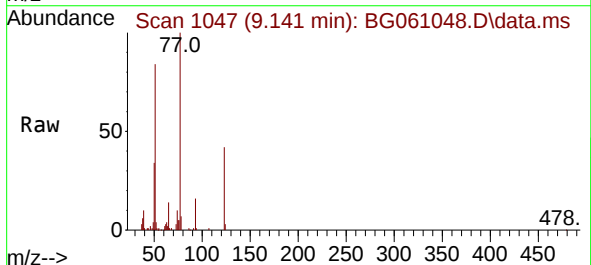
Tgt Ion: 77 Resp: 73401

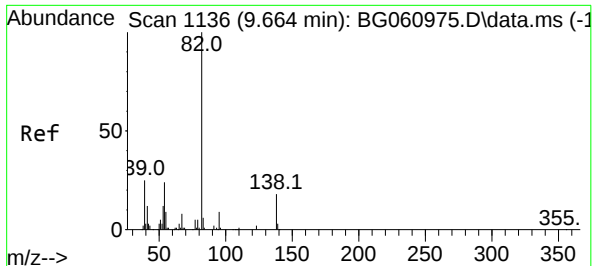
Ion Ratio Lower Upper

77 100

123 41.8 35.9 53.9

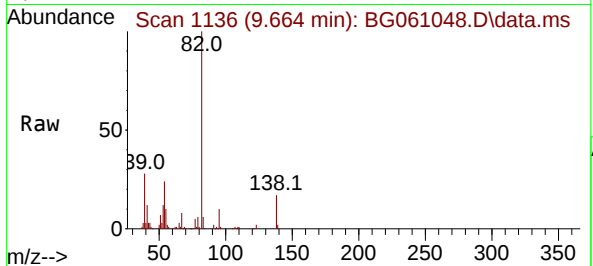
65 13.7 13.3 19.9





#25
Isophorone
Concen: 38.873 ng
RT: 9.664 min Scan# 1136
Delta R.T. -0.001 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

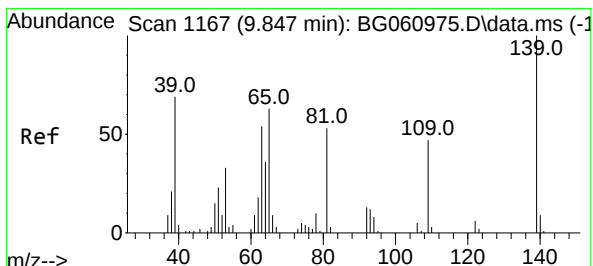
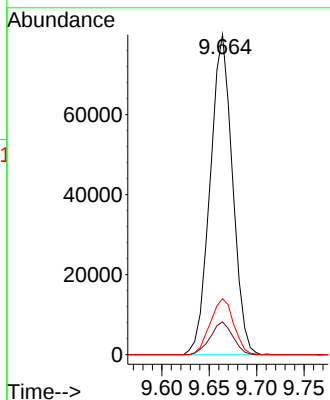
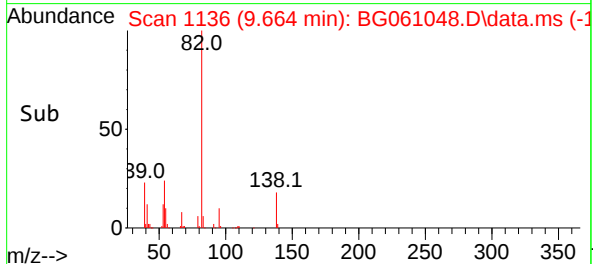
Instrument :
BNA_G
ClientSampleId :
PB160581BS



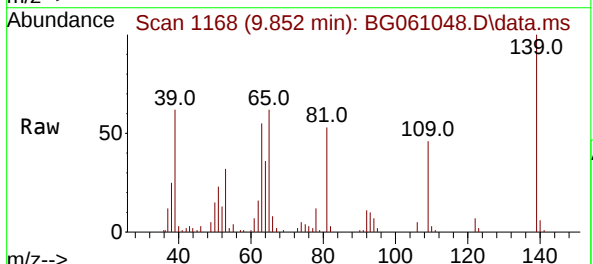
Tgt Ion: 82 Resp: 130958
Ion Ratio Lower Upper
82 100
95 10.2 7.6 11.4
138 17.5 14.2 21.2

Manual Integrations
APPROVED

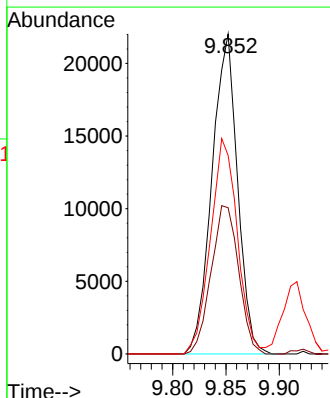
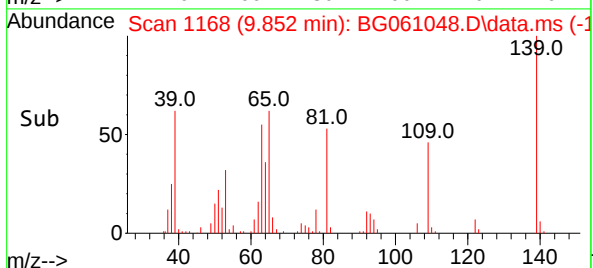
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#26
2-Nitrophenol
Concen: 40.310 ng
RT: 9.852 min Scan# 1168
Delta R.T. 0.005 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29



Tgt Ion:139 Resp: 36646
Ion Ratio Lower Upper
139 100
109 45.7 37.4 56.2
65 62.1 50.4 75.6





#27

2,4-Dimethylphenol

Concen: 34.018 ng

RT: 9.917 min Scan# 1178

Delta R.T. 0.005 min

Lab File: BG061048.D

Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

PB160581BS

Tgt Ion:122 Resp: 4956

Ion Ratio Lower Upper

122 100

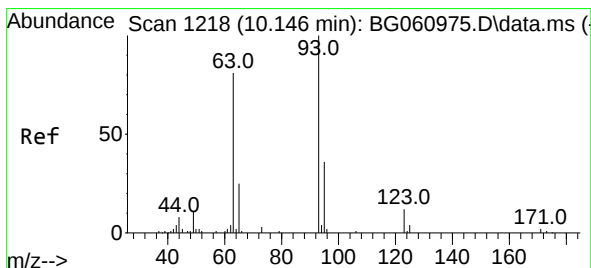
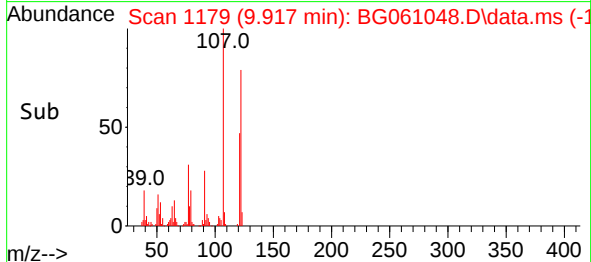
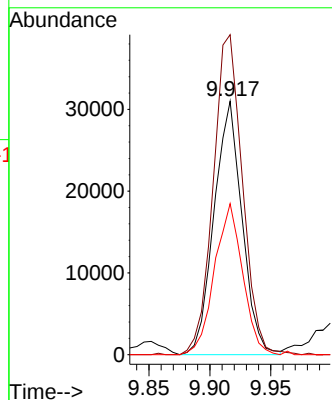
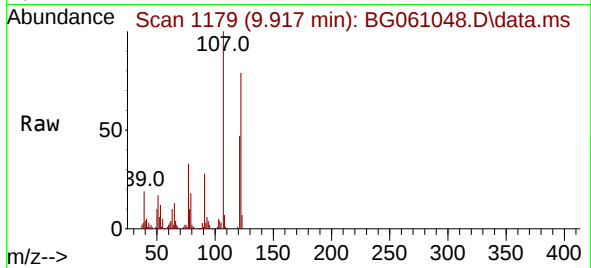
107 126.3 98.7 148.1

121 59.6 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#28

bis(2-Chloroethoxy)methane

Concen: 40.288 ng

RT: 10.146 min Scan# 1218

Delta R.T. -0.001 min

Lab File: BG061048.D

Acq: 29 Apr 2024 15:29

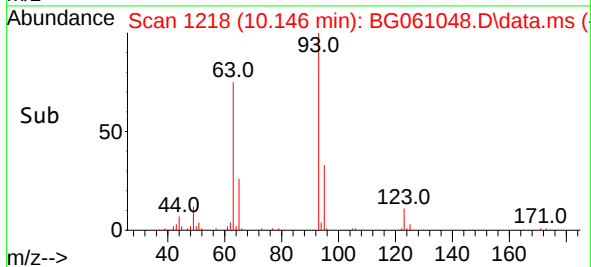
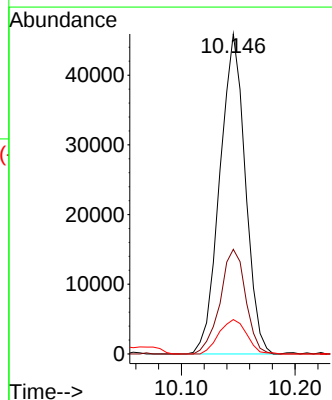
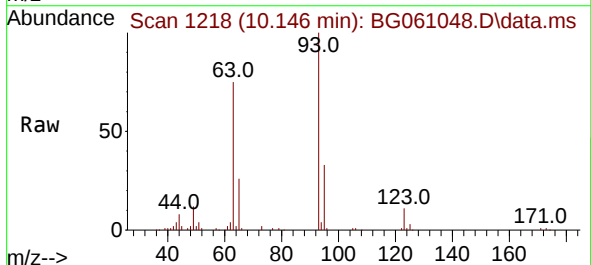
Tgt Ion: 93 Resp: 71398

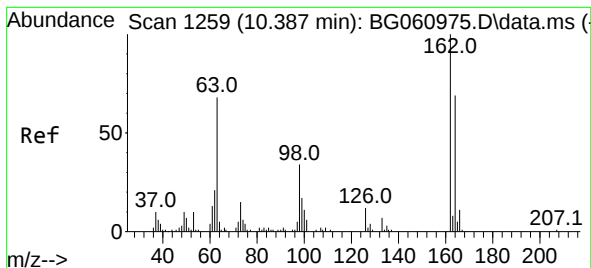
Ion Ratio Lower Upper

93 100

95 32.7 28.8 43.2

123 10.7 9.8 14.6





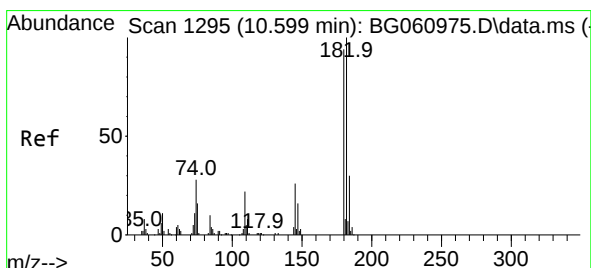
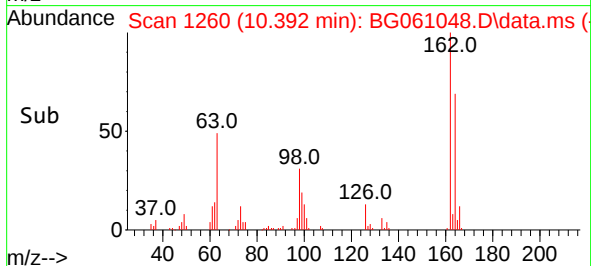
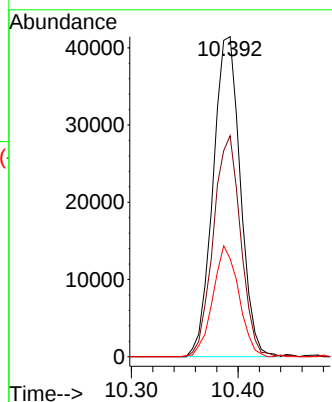
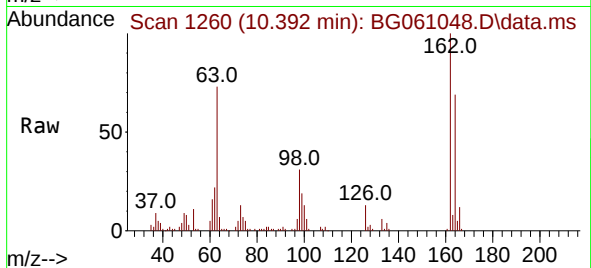
#29
2,4-Dichlorophenol
Concen: 43.740 ng
RT: 10.392 min Scan# 1260
Delta R.T. 0.005 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Instrument :
BNA_G
ClientSampleId :
PB160581BS

Tgt Ion:162 Resp: 7356
Ion Ratio Lower Upper
162 100
164 69.0 49.0 89.0
98 30.6 14.3 54.3

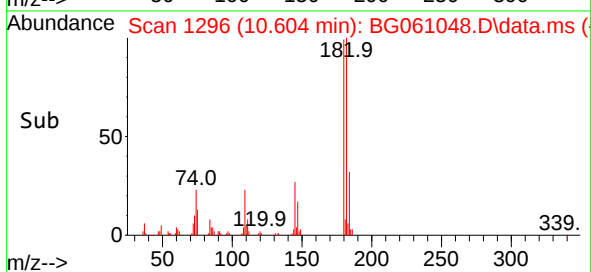
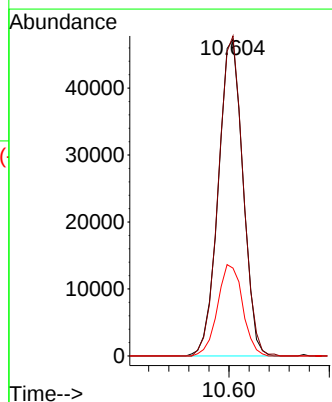
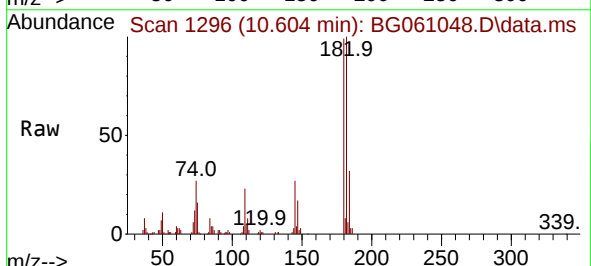
Manual Integrations
APPROVED

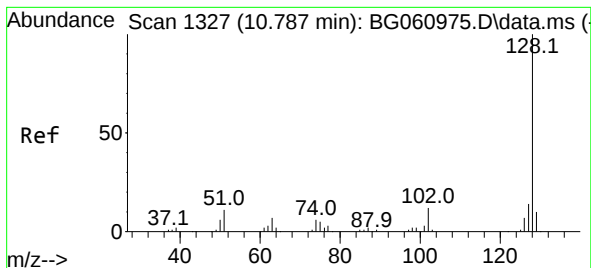
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#30
1,2,4-Trichlorobenzene
Concen: 43.259 ng
RT: 10.604 min Scan# 1296
Delta R.T. 0.005 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

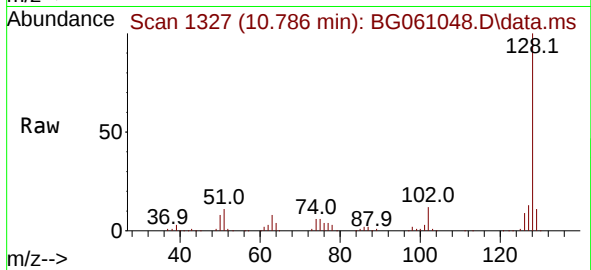
Tgt Ion:180 Resp: 80270
Ion Ratio Lower Upper
180 100
182 101.1 85.4 128.2
145 27.7 22.6 33.8





#31
Naphthalene
Concen: 40.337 ng
RT: 10.786 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

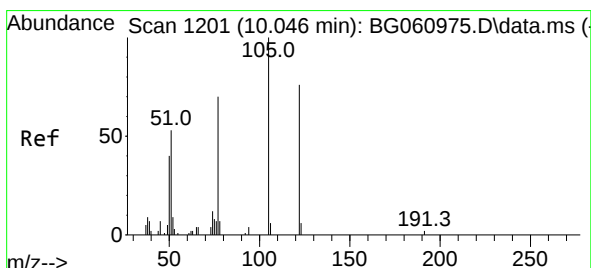
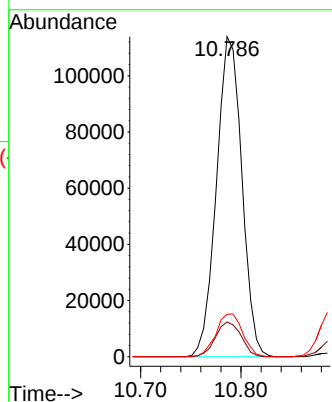
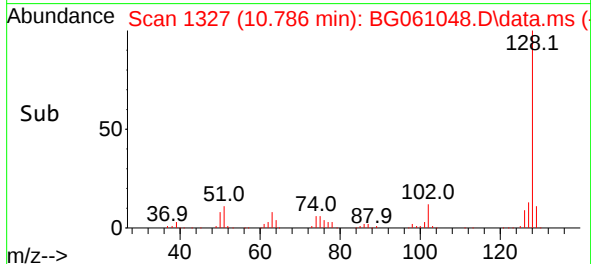
Instrument :
BNA_G
ClientSampleId :
PB160581BS



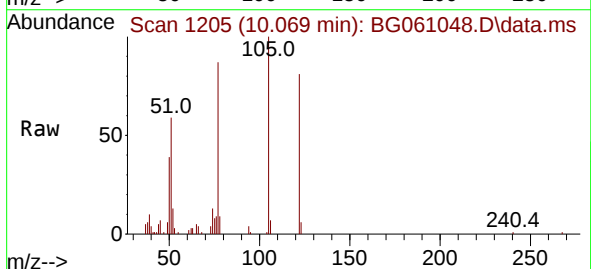
Tgt Ion:128 Resp: 199729
Ion Ratio Lower Upper
128 100
129 10.8 8.2 12.4
127 13.3 11.4 17.2

Manual Integrations
APPROVED

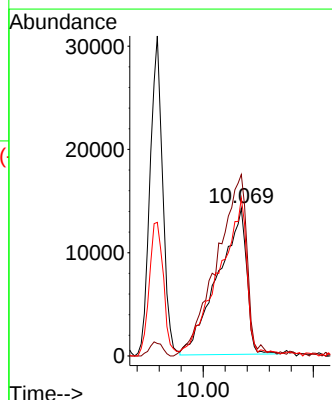
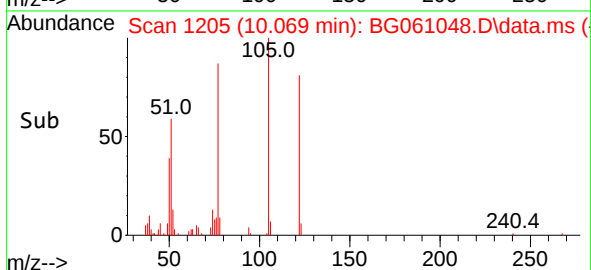
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

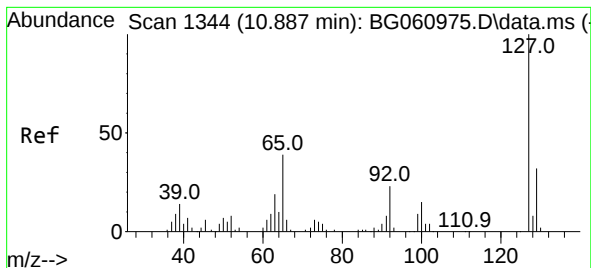


#32
Benzoic acid
Concen: 46.054 ng
RT: 10.069 min Scan# 1205
Delta R.T. 0.023 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29



Tgt Ion:122 Resp: 51132
Ion Ratio Lower Upper
122 100
105 122.8 106.2 146.2
77 106.9 70.1 110.1





#33
4-Chloroaniline
Concen: 15.655 ng
RT: 10.898 min Scan# 1346
Delta R.T. 0.011 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

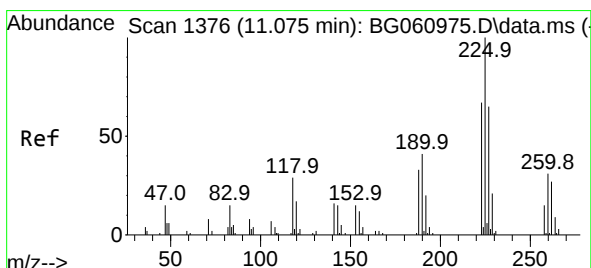
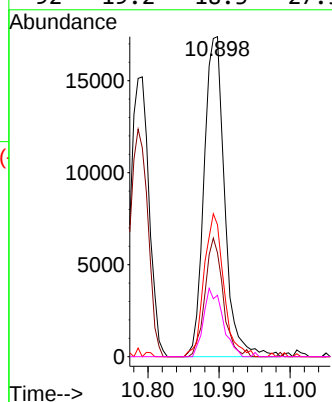
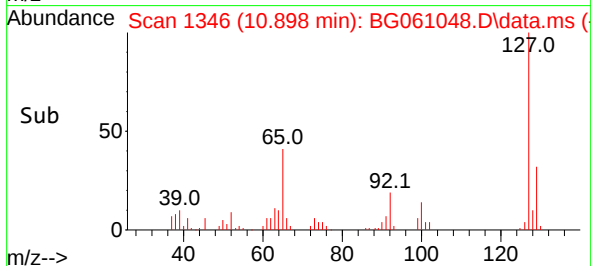
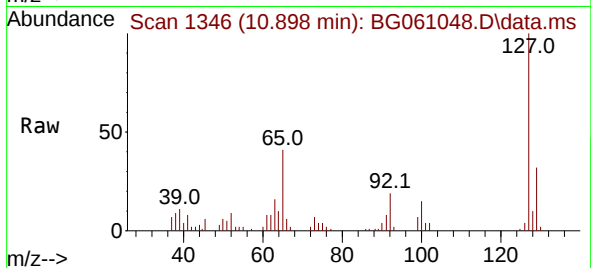
PB160581BS

Tgt Ion:127 Resp: 3521
Ion Ratio Lower Upper
127 100
129 32.4 25.7 38.5
65 41.2 31.4 47.0
92 19.2 18.3 27.5

Manual Integrations

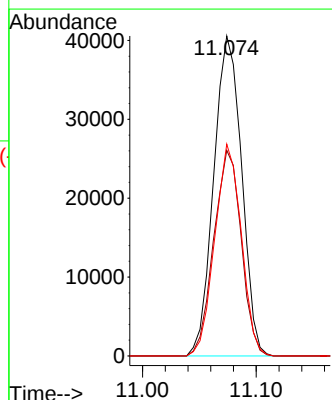
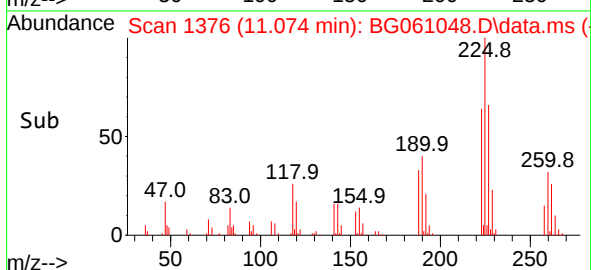
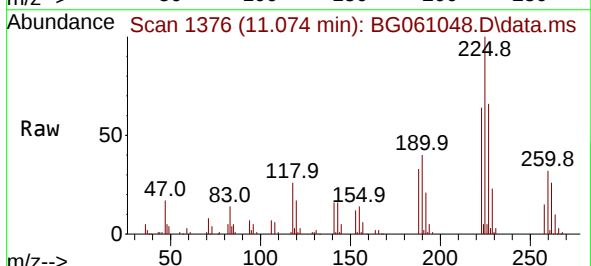
APPROVED

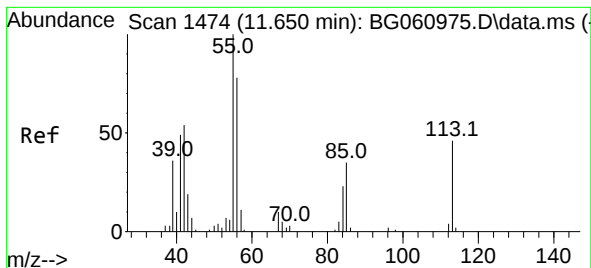
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#34
Hexachlorobutadiene
Concen: 42.369 ng
RT: 11.074 min Scan# 1376
Delta R.T. -0.001 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Tgt Ion:225 Resp: 69141
Ion Ratio Lower Upper
225 100
223 64.2 53.2 79.8
227 66.2 51.9 77.9





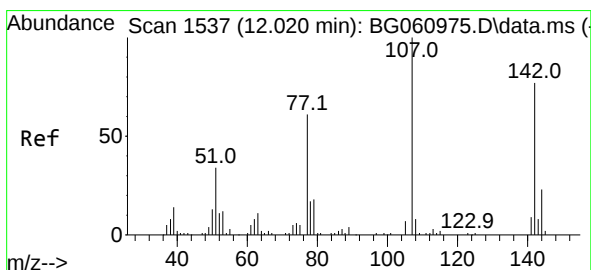
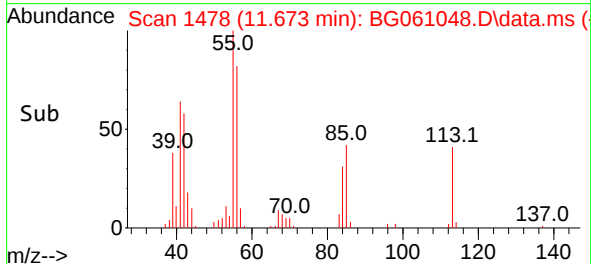
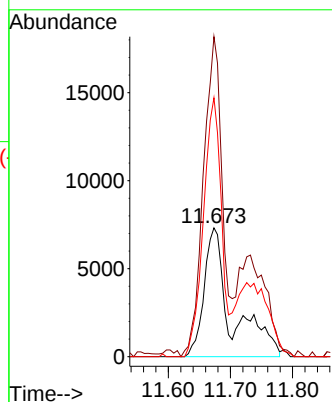
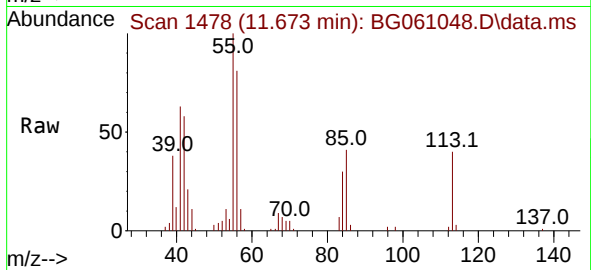
#35
Caprolactam
Concen: 41.709 ng m
RT: 11.673 min Scan# 1474
Delta R.T. 0.023 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Instrument :
BNA_G
ClientSampleId :
PB160581BS

Tgt Ion:113 Resp: 2234
Ion Ratio Lower Upper
113 100
55 248.5 197.9 237.9
56 201.0 151.1 191.1

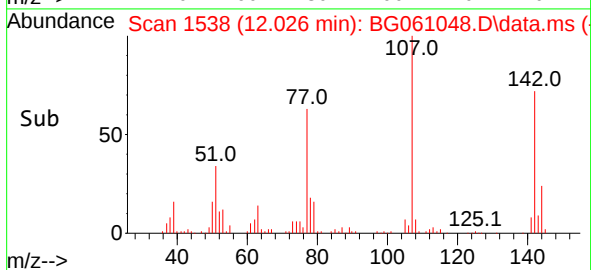
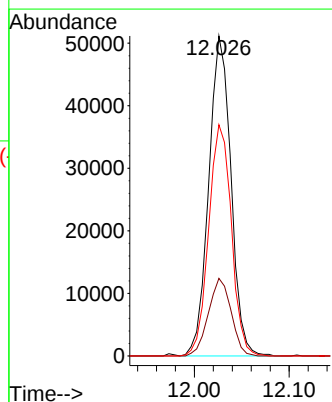
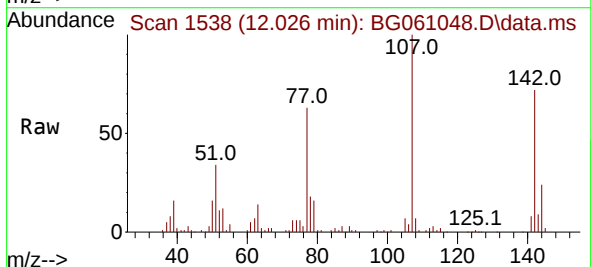
Manual Integrations
APPROVED

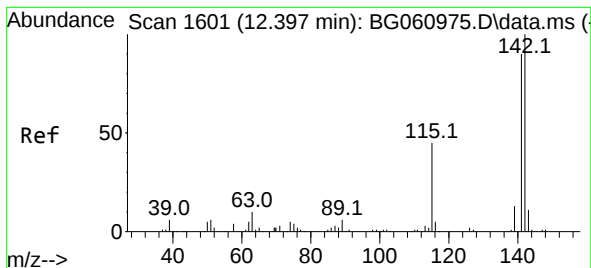
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#36
4-Chloro-3-methylphenol
Concen: 42.454 ng
RT: 12.026 min Scan# 1538
Delta R.T. 0.005 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Tgt Ion:107 Resp: 83270
Ion Ratio Lower Upper
107 100
144 24.3 18.5 27.7
142 72.3 61.4 92.0





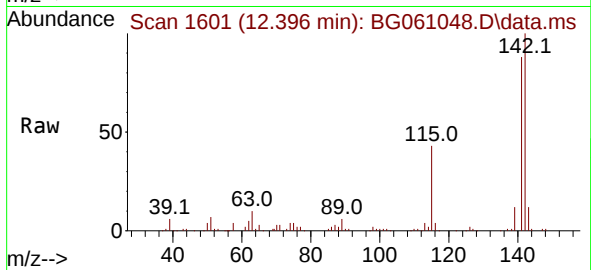
#37
2-Methylnaphthalene
Concen: 38.642 ng
RT: 12.396 min Scan# 1601
Delta R.T. -0.001 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

PB160581BS

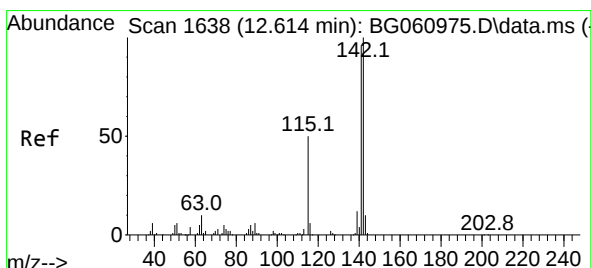
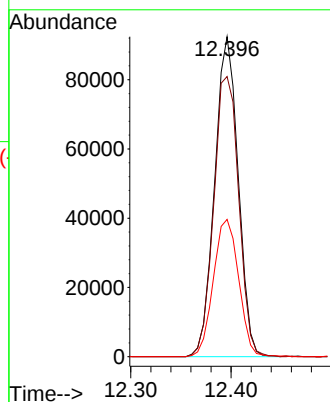
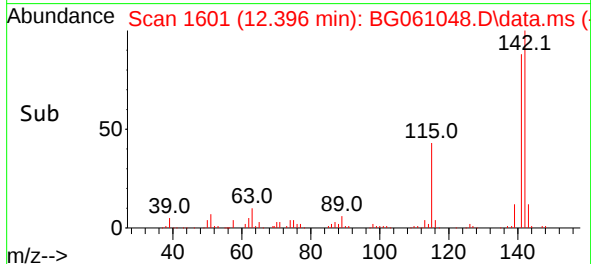


Tgt Ion:142 Resp: 150439
Ion Ratio Lower Upper
142 100
141 87.5 72.2 108.4
115 42.9 35.9 53.9

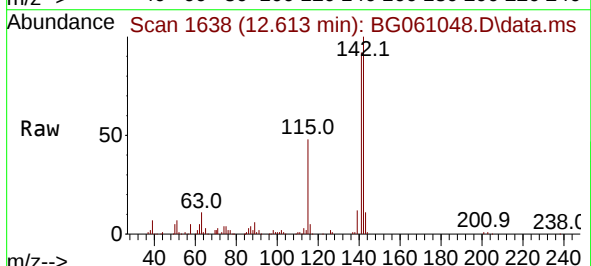
Manual Integrations

APPROVED

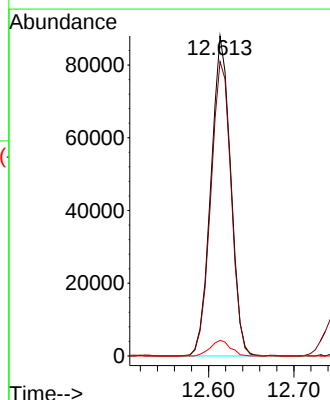
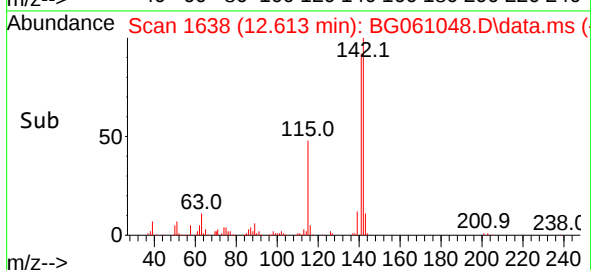
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

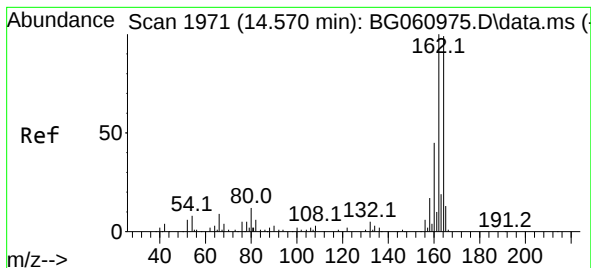


#38
1-Methylnaphthalene
Concen: 39.011 ng
RT: 12.613 min Scan# 1638
Delta R.T. -0.001 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29



Tgt Ion:142 Resp: 141727
Ion Ratio Lower Upper
142 100
141 92.0 76.8 115.2
116 4.9 4.4 6.6





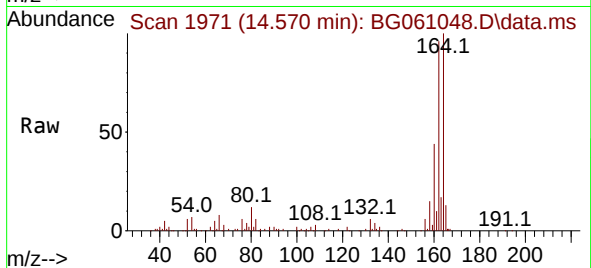
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.570 min Scan# 1971
Delta R.T. -0.001 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

PB160581BS

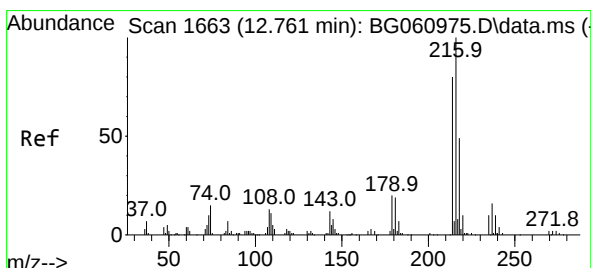
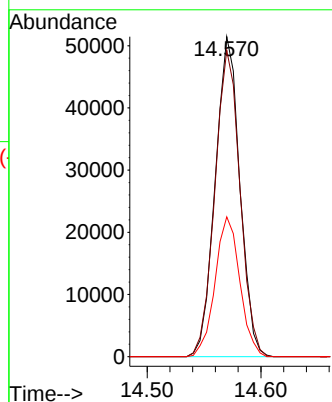
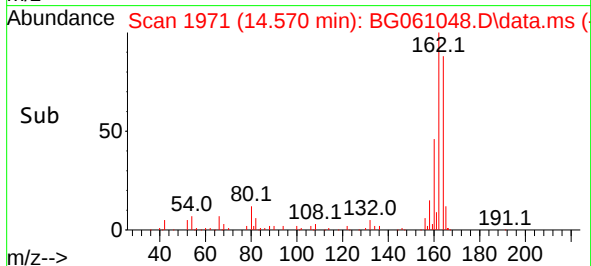


Tgt Ion:164 Resp: 77274
Ion Ratio Lower Upper
164 100
162 95.7 81.2 121.8
160 43.7 36.2 54.2

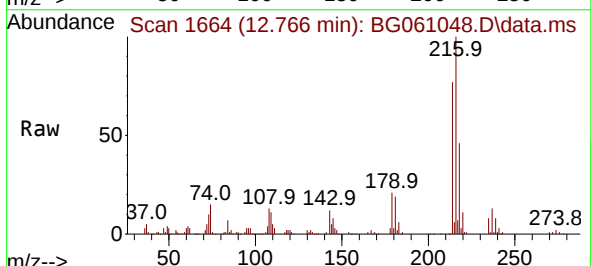
Manual Integrations

APPROVED

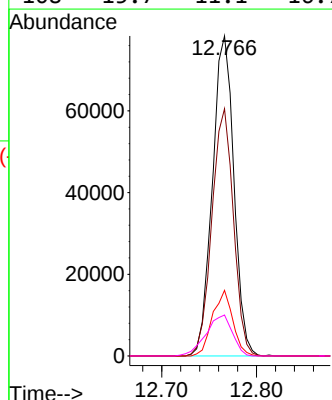
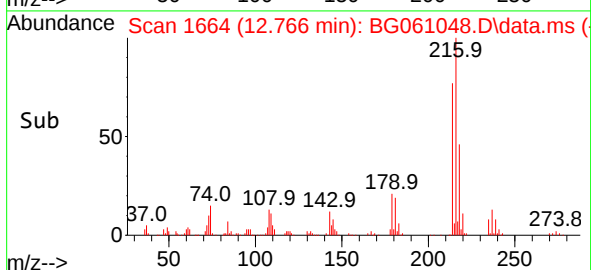
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

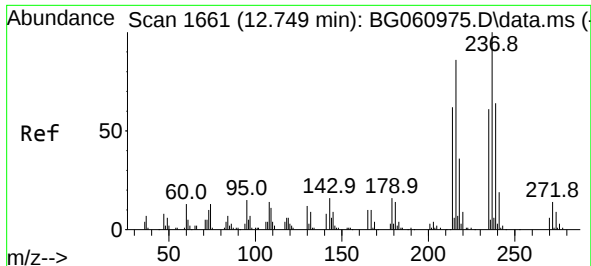


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.909 ng
RT: 12.766 min Scan# 1664
Delta R.T. 0.005 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29



Tgt Ion:216 Resp: 123325
Ion Ratio Lower Upper
216 100
214 77.5 63.3 94.9
179 19.5 15.2 22.8
108 15.7 11.1 16.7





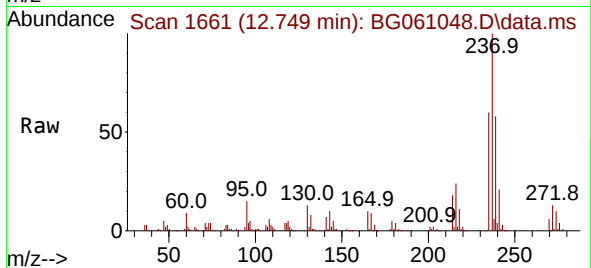
#41
Hexachlorocyclopentadiene
Concen: 97.997 ng
RT: 12.749 min Scan# 1661
Delta R.T. -0.000 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

PB160581BS

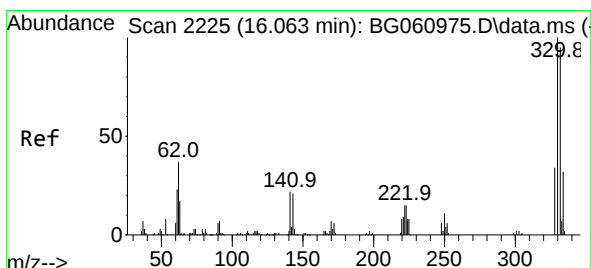
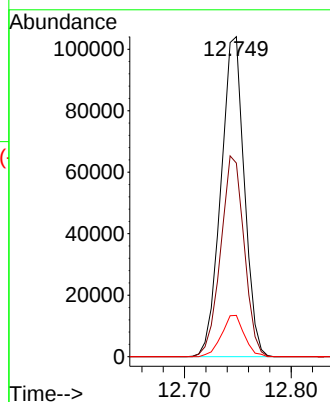
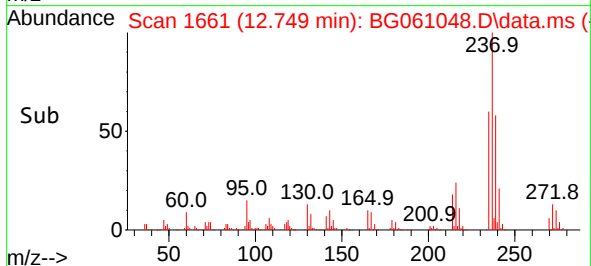


Tgt Ion:237 Resp: 158340
Ion Ratio Lower Upper
237 100
235 60.5 40.7 80.7
272 12.9 0.0 34.5

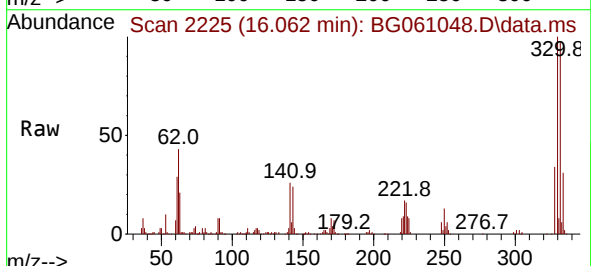
Manual Integrations

APPROVED

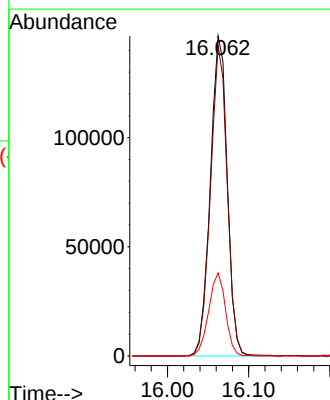
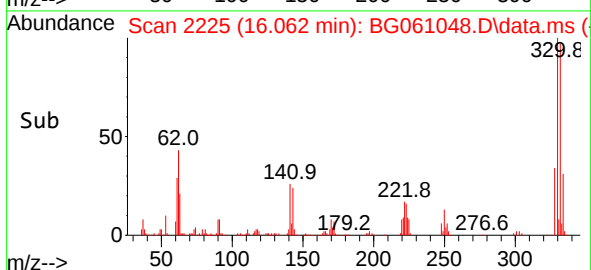
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

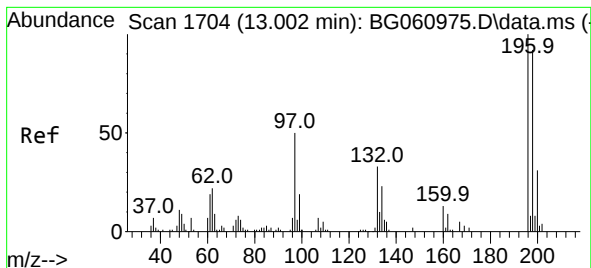


#42
2,4,6-Tribromophenol
Concen: 124.701 ng
RT: 16.062 min Scan# 2225
Delta R.T. -0.001 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29



Tgt Ion:330 Resp: 211602
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 25.8 20.6 31.0





#43

2,4,6-Trichlorophenol

Concen: 45.388 ng

RT: 13.007 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG061048.D

Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

PB160581BS

Tgt Ion:196 Resp: 8193

Ion Ratio Lower Upper

196 100

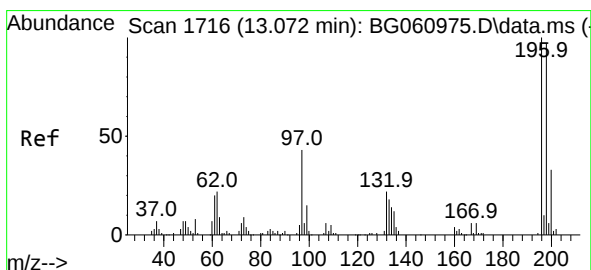
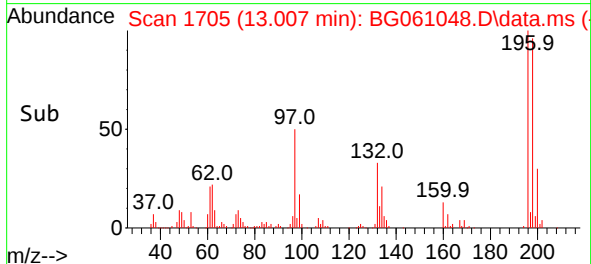
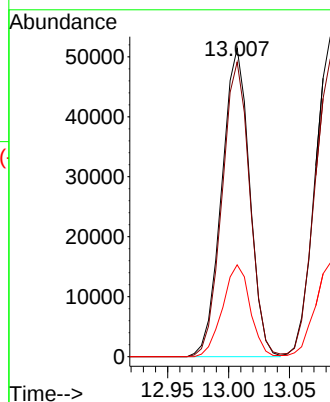
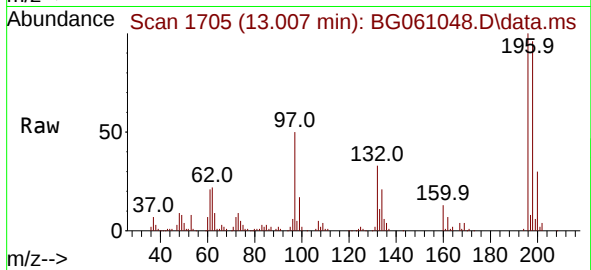
198 95.6 73.5 110.3

200 29.8 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#44

2,4,5-Trichlorophenol

Concen: 41.778 ng

RT: 13.083 min Scan# 1718

Delta R.T. 0.011 min

Lab File: BG061048.D

Acq: 29 Apr 2024 15:29

Tgt Ion:196 Resp: 89210

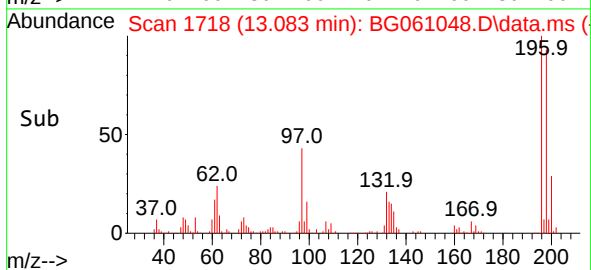
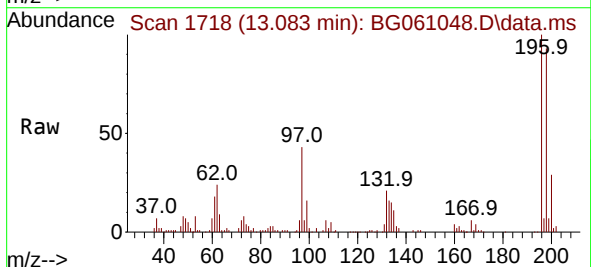
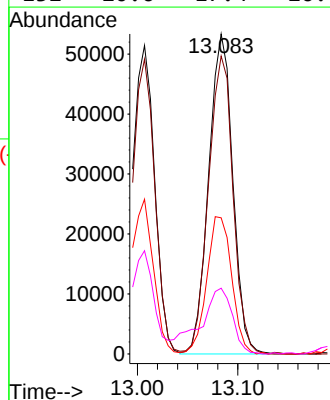
Ion Ratio Lower Upper

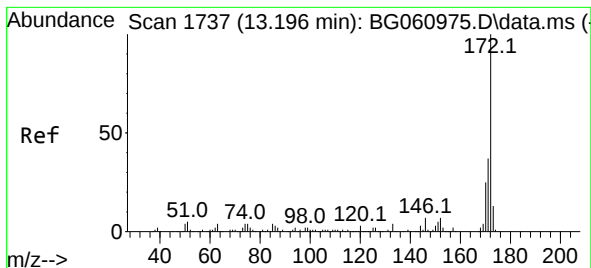
196 100

198 93.1 77.7 116.5

97 42.6 34.2 51.4

132 20.6 17.4 26.0





#45

2-Fluorobiphenyl

Concen: 84.082 ng

RT: 13.195 min Scan# 1737

Delta R.T. -0.001 min

Lab File: BG061048.D

Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

PB160581BS

Tgt Ion:172 Resp: 469460

Ion Ratio Lower Upper

172 100

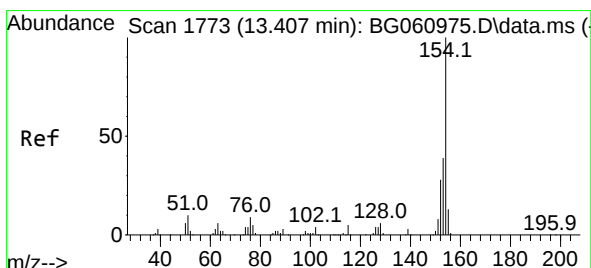
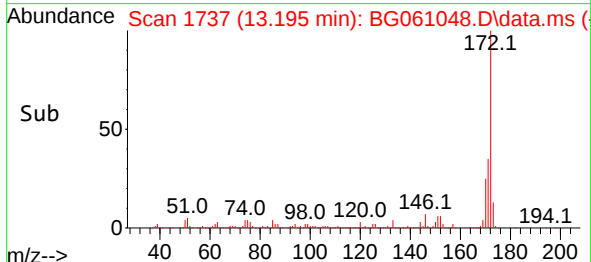
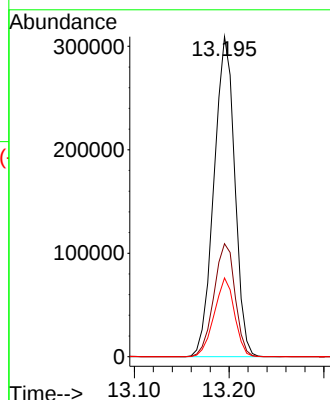
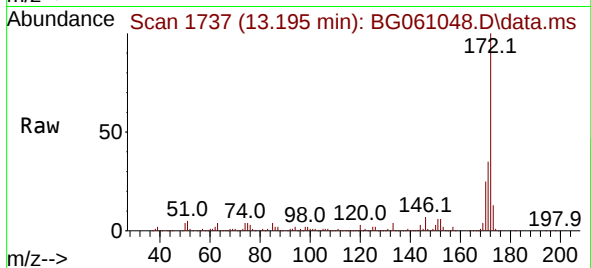
171 35.3 29.3 43.9

170 24.6 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#46

1,1'-Biphenyl

Concen: 43.292 ng

RT: 13.407 min Scan# 1773

Delta R.T. -0.000 min

Lab File: BG061048.D

Acq: 29 Apr 2024 15:29

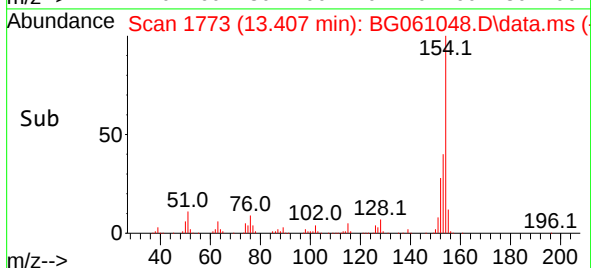
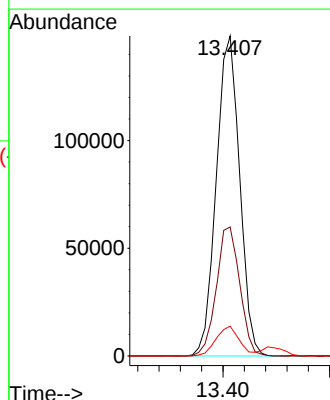
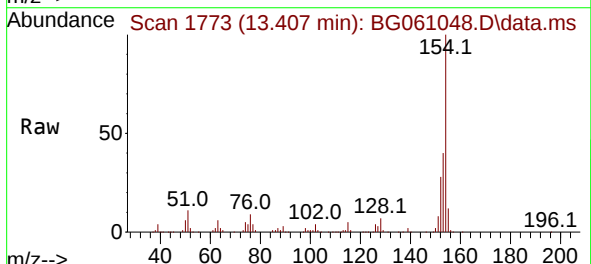
Tgt Ion:154 Resp: 225339

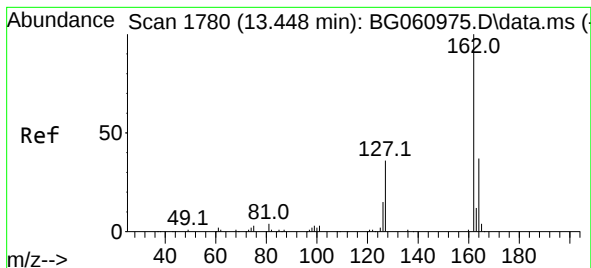
Ion Ratio Lower Upper

154 100

153 40.3 19.4 59.4

76 9.3 0.0 28.6





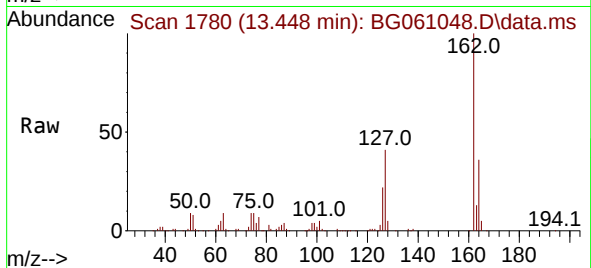
#47
2-Chloronaphthalene
Concen: 42.975 ng
RT: 13.448 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

PB160581BS

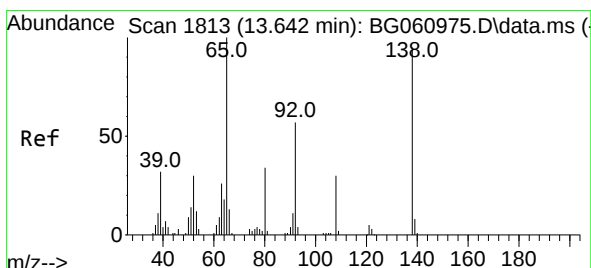
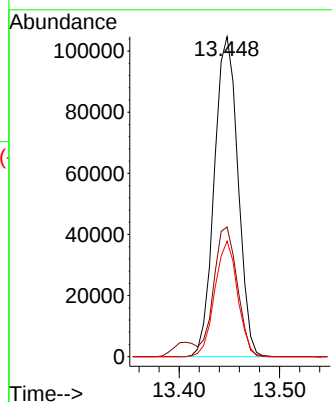
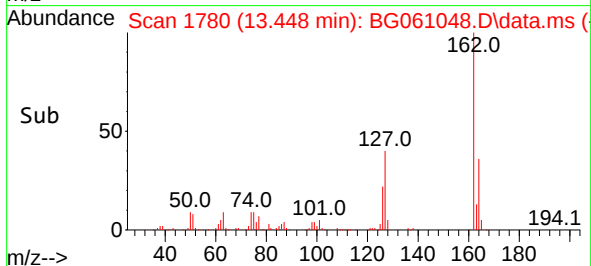


Tgt Ion:162 Resp: 171508
Ion Ratio Lower Upper
162 100
127 40.5 32.6 49.0
164 36.1 29.9 44.9

Manual Integrations

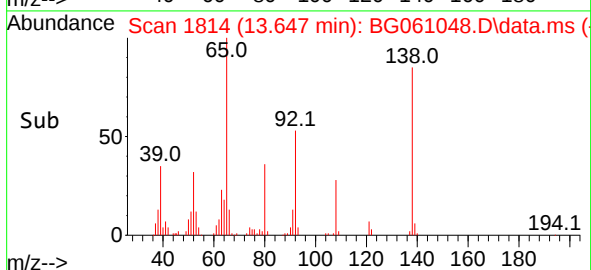
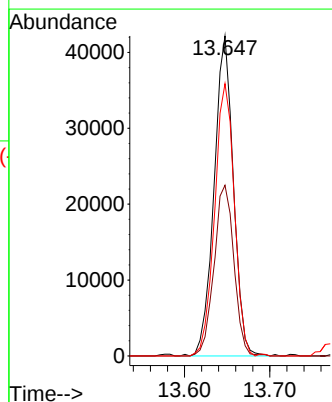
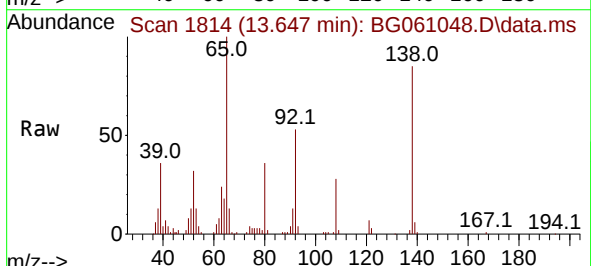
APPROVED

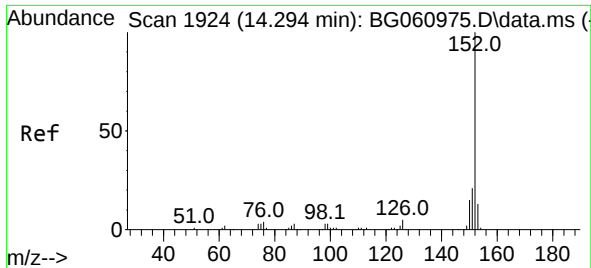
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#48
2-Nitroaniline
Concen: 41.203 ng
RT: 13.647 min Scan# 1814
Delta R.T. 0.005 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Tgt Ion: 65 Resp: 66365
Ion Ratio Lower Upper
65 100
92 53.3 45.4 68.2
138 85.1 75.8 113.6





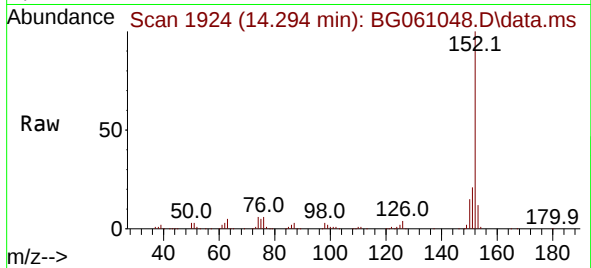
#49
Acenaphthylene
Concen: 44.135 ng
RT: 14.294 min Scan# 1924
Delta R.T. -0.001 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

PB160581BS

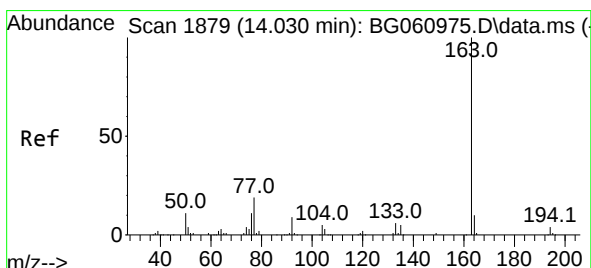
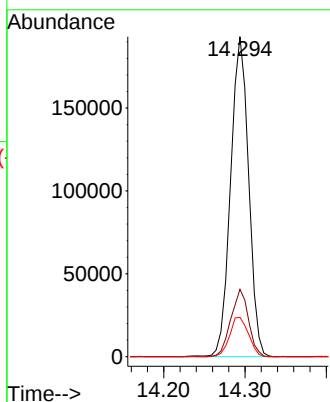
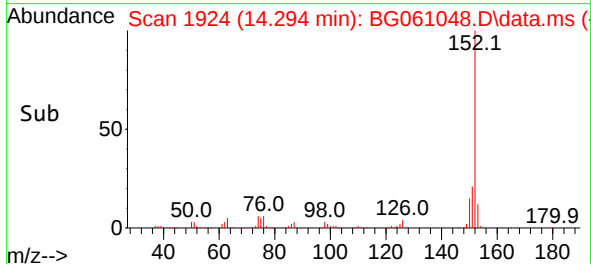


Tgt Ion:152 Resp: 296649
Ion Ratio Lower Upper
152 100
151 21.0 16.6 25.0
153 12.3 10.7 16.1

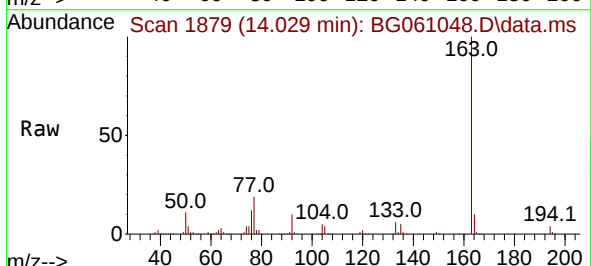
Manual Integrations

APPROVED

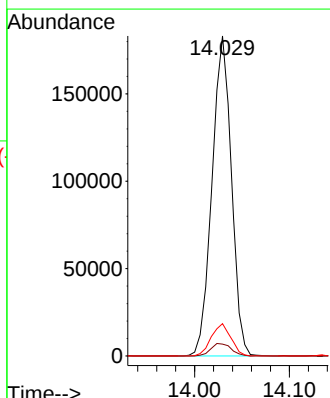
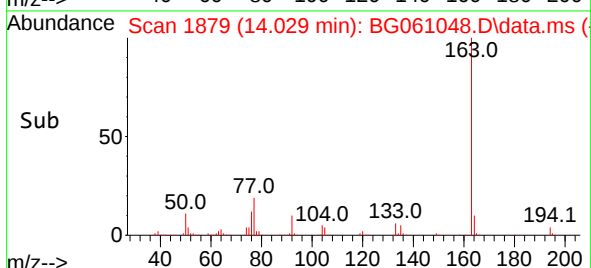
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

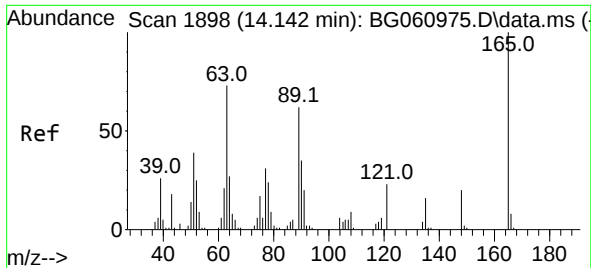


#50
Dimethylphthalate
Concen: 40.826 ng
RT: 14.029 min Scan# 1879
Delta R.T. -0.001 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29



Tgt Ion:163 Resp: 260145
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 10.1 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 40.771 ng
RT: 14.147 min Scan# 1899
Delta R.T. 0.005 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

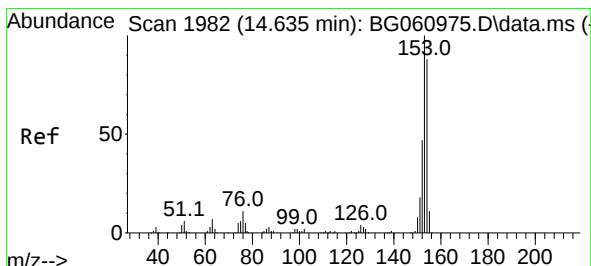
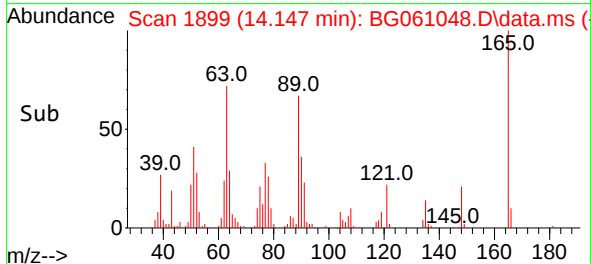
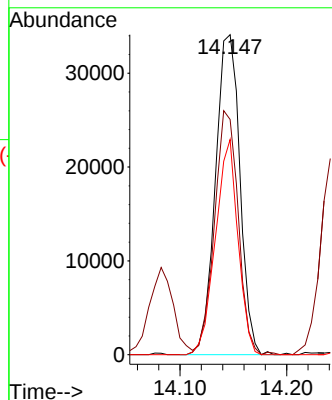
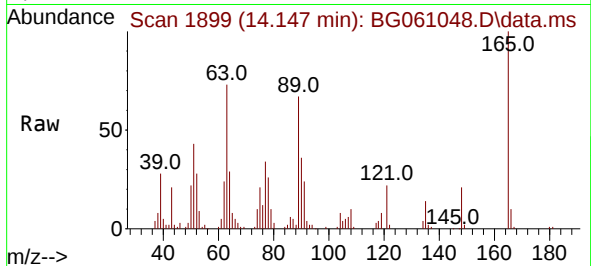
PB160581BS

Tgt Ion:165 Resp: 54208
Ion Ratio Lower Upper
165 100
63 73.5 59.6 89.4
89 67.3 49.4 74.0

Manual Integrations

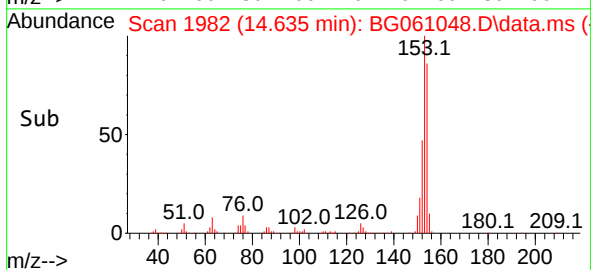
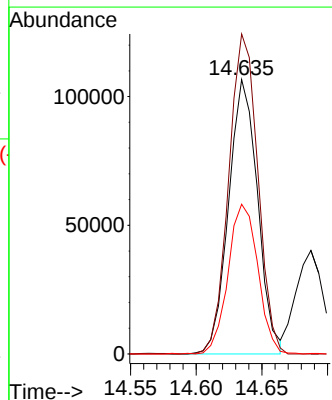
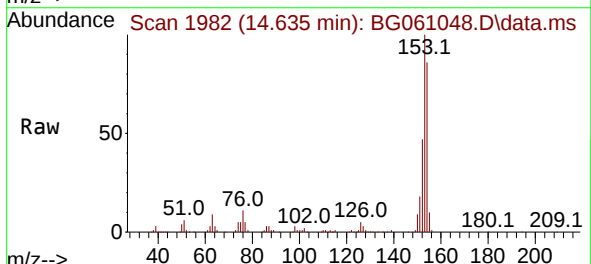
APPROVED

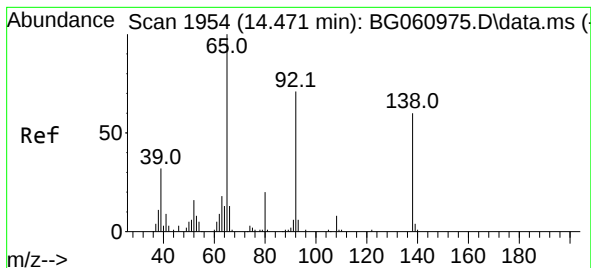
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#52
Acenaphthene
Concen: 40.165 ng
RT: 14.635 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Tgt Ion:154 Resp: 164039
Ion Ratio Lower Upper
154 100
153 116.6 91.2 136.8
152 54.6 42.7 64.1





#53
3-Nitroaniline
Concen: 24.083 ng
RT: 14.476 min Scan# 1954
Delta R.T. 0.005 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

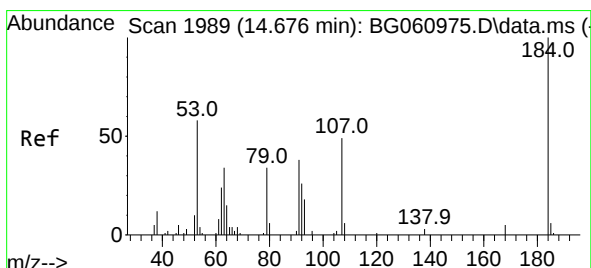
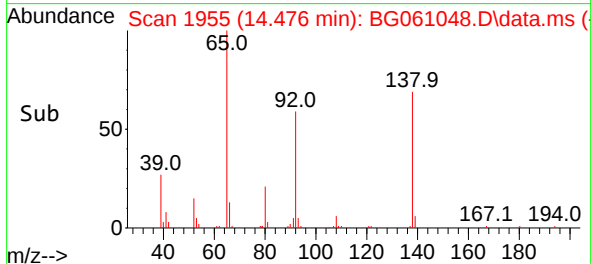
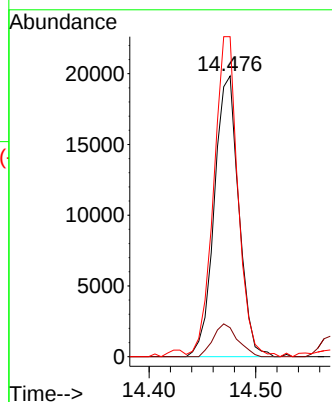
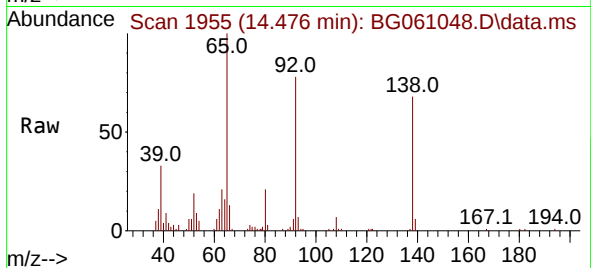
PB160581BS

Tgt Ion:138 Resp: 31574
Ion Ratio Lower Upper
138 100
108 10.3 10.1 15.1
92 114.0 94.6 141.8

Manual Integrations

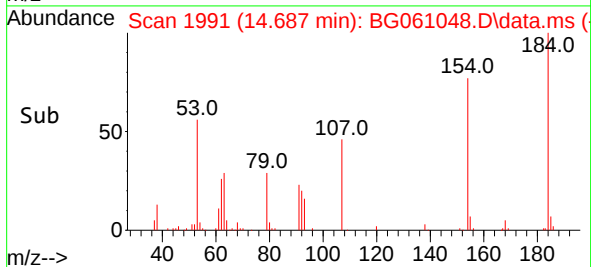
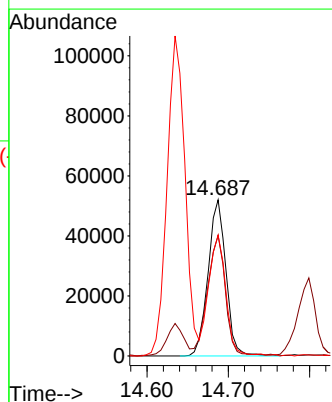
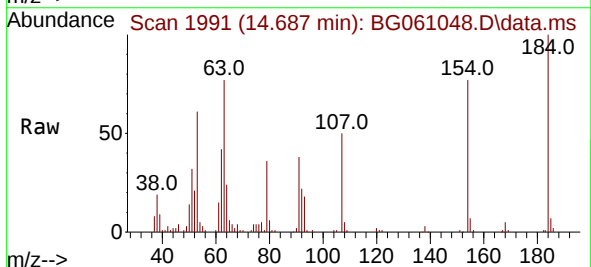
APPROVED

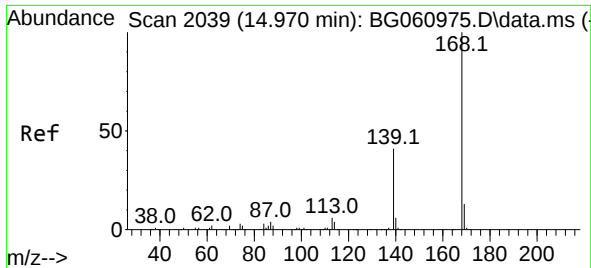
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#54
2,4-Dinitrophenol
Concen: 90.838 ng
RT: 14.687 min Scan# 1991
Delta R.T. 0.011 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Tgt Ion:184 Resp: 79386
Ion Ratio Lower Upper
184 100
63 77.2 59.0 88.6
154 77.3 61.2 91.8





#55
Dibenzofuran
Concen: 39.982 ng
RT: 14.969 min Scan# 2039
Delta R.T. -0.001 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

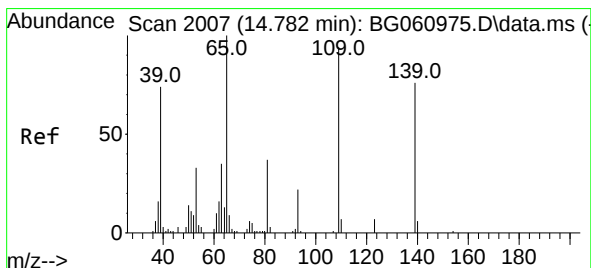
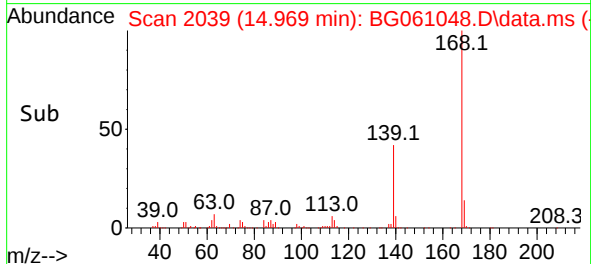
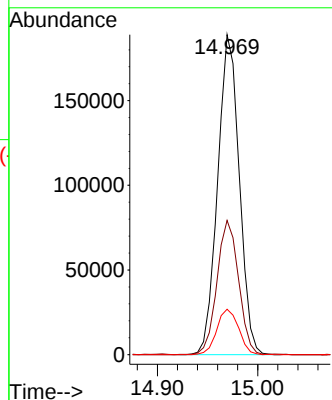
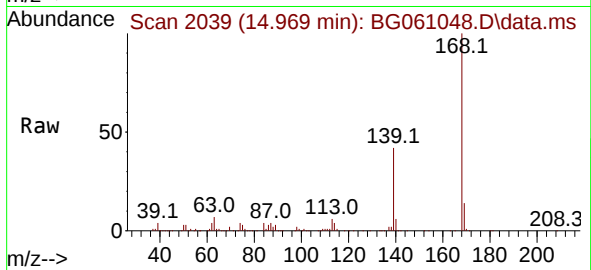
PB160581BS

Tgt Ion:168 Resp: 281970
Ion Ratio Lower Upper
168 100
139 41.9 32.4 48.6
169 14.2 10.6 15.8

Manual Integrations

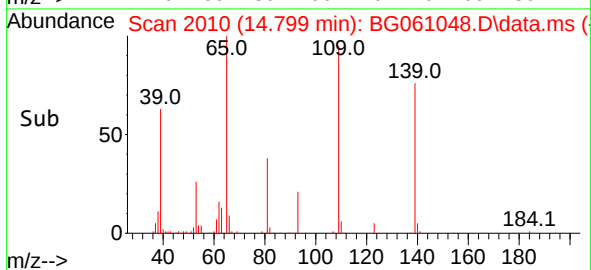
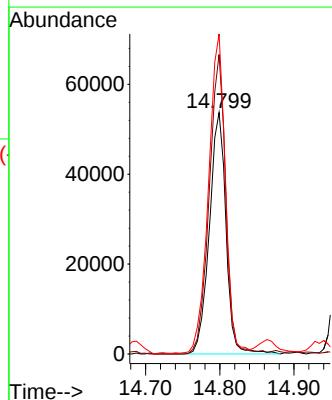
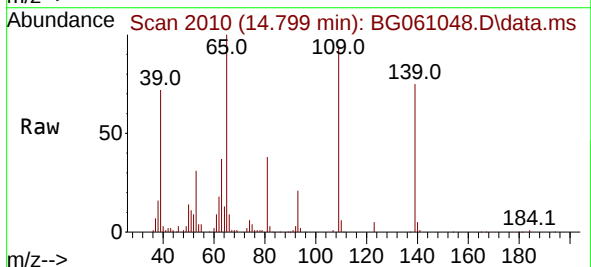
APPROVED

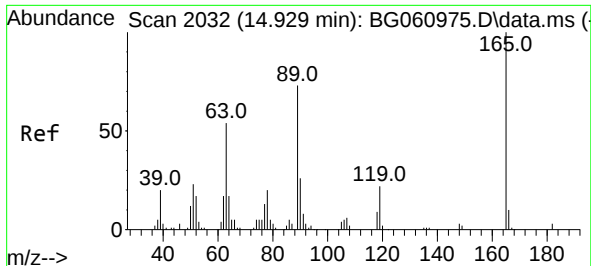
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#56
4-Nitrophenol
Concen: 88.964 ng
RT: 14.799 min Scan# 2010
Delta R.T. 0.017 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Tgt Ion:139 Resp: 83559
Ion Ratio Lower Upper
139 100
109 124.0 104.1 144.1
65 132.5 112.0 152.0





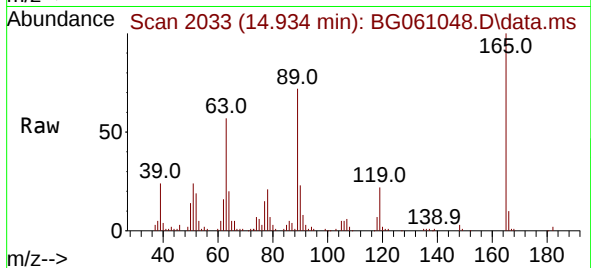
#57
2,4-Dinitrotoluene
Concen: 41.693 ng
RT: 14.934 min Scan# 2033
Delta R.T. 0.005 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

PB160581BS

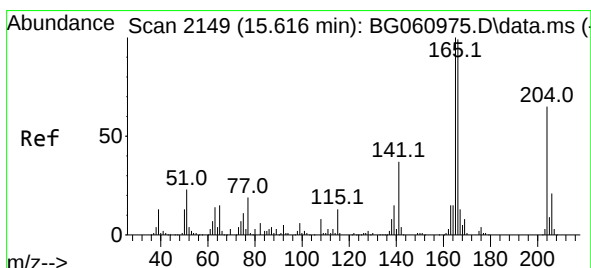
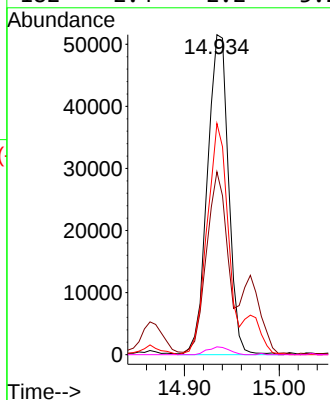
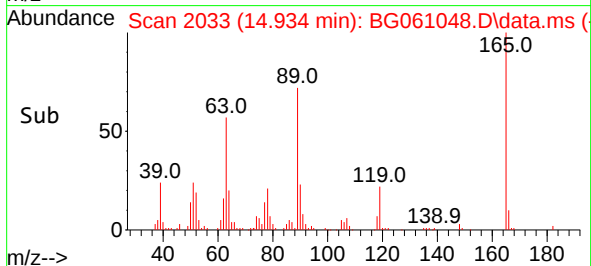


Tgt Ion:165 Resp: 79838
Ion Ratio Lower Upper
165 100
63 57.1 43.4 65.2
89 72.3 58.4 87.6
182 2.4 2.2 3.2

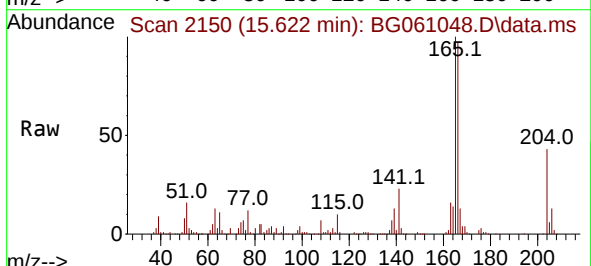
Manual Integrations

APPROVED

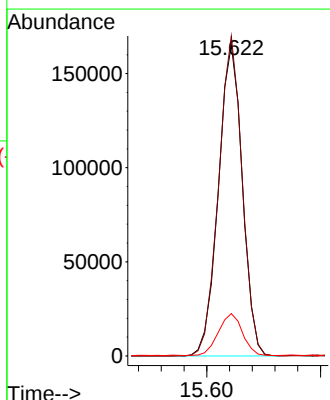
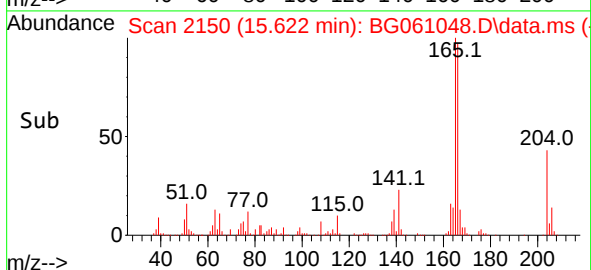
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

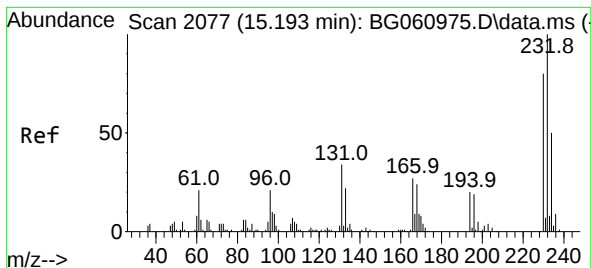


#58
Fluorene
Concen: 40.611 ng
RT: 15.622 min Scan# 2150
Delta R.T. 0.005 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29



Tgt Ion:166 Resp: 241741
Ion Ratio Lower Upper
166 100
165 102.9 80.9 121.3
167 13.6 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.315 ng
RT: 15.199 min Scan# 2077
Delta R.T. 0.005 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

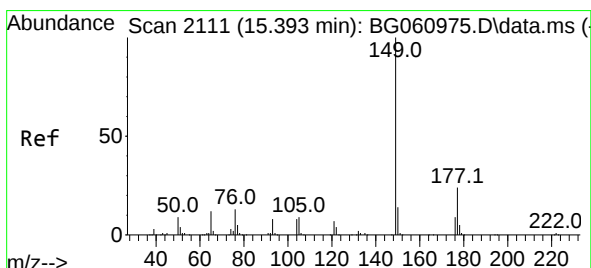
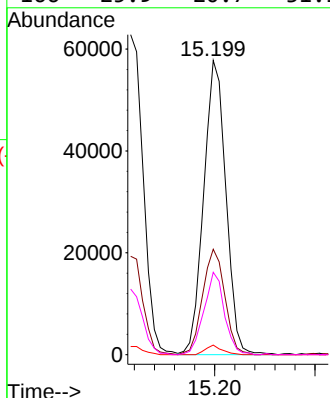
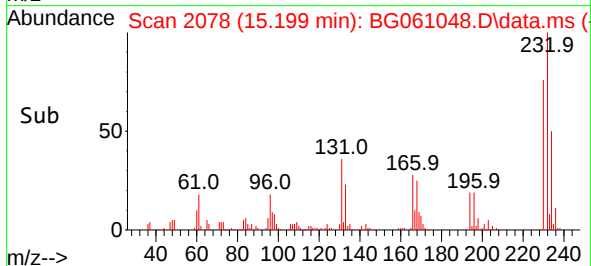
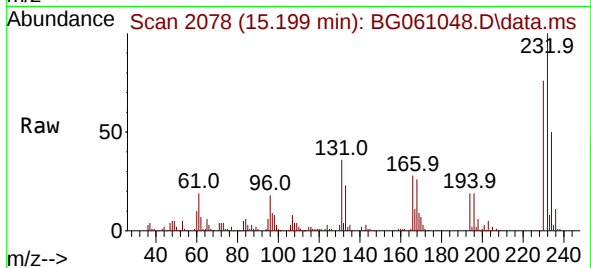
PB160581BS

Tgt Ion:232 Resp: 8904
Ion Ratio Lower Upper
232 100
131 35.8 27.4 41.0
130 2.4 1.5 2.3
166 25.9 20.7 31.1

Manual Integrations

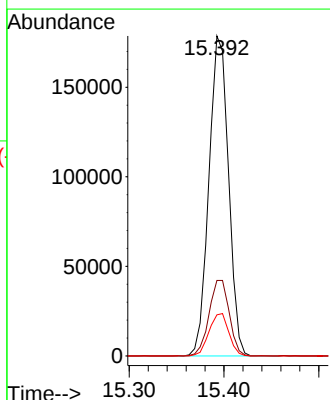
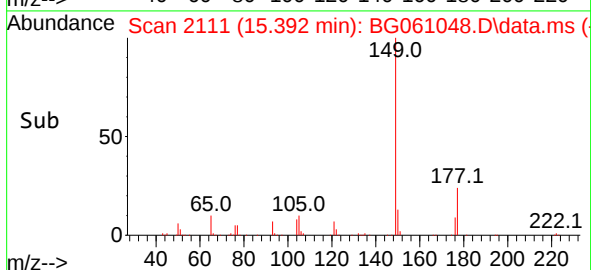
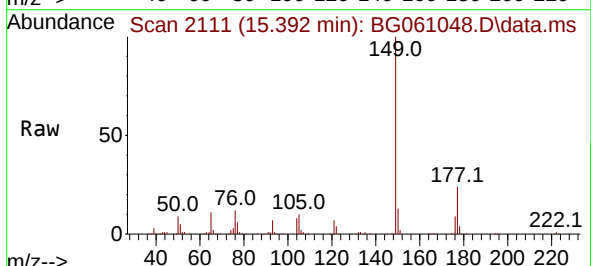
APPROVED

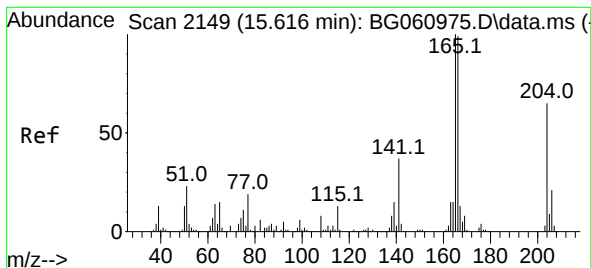
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#60
Diethylphthalate
Concen: 40.783 ng
RT: 15.392 min Scan# 2111
Delta R.T. -0.001 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Tgt Ion:149 Resp: 255923
Ion Ratio Lower Upper
149 100
177 23.6 18.8 28.2
150 12.8 11.2 16.8





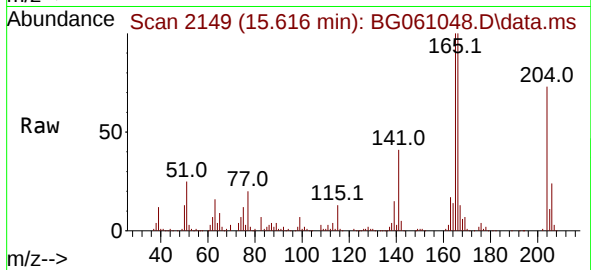
#61
4-Chlorophenyl-phenylether
Concen: 39.304 ng
RT: 15.616 min Scan# 2149
Delta R.T. -0.001 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

PB160581BS

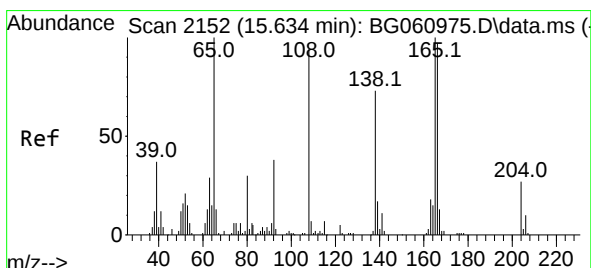
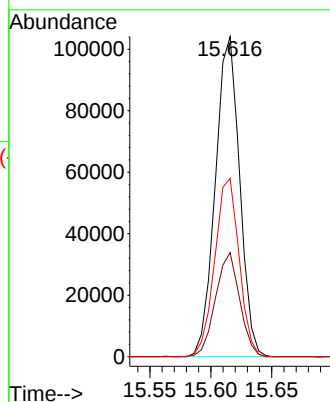
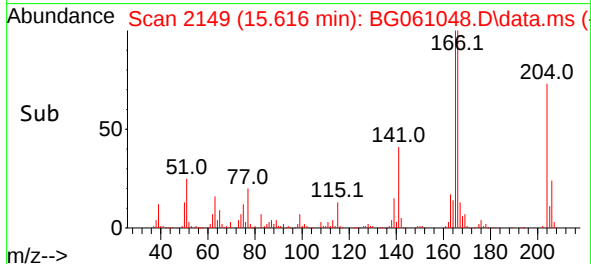


Tgt Ion:204 Resp: 14429
Ion Ratio Lower Upper
204 100
206 32.6 25.6 38.4
141 55.7 45.4 68.0

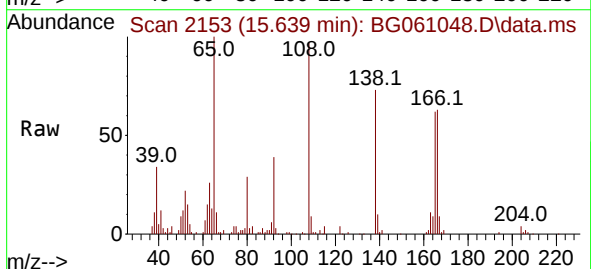
Manual Integrations

APPROVED

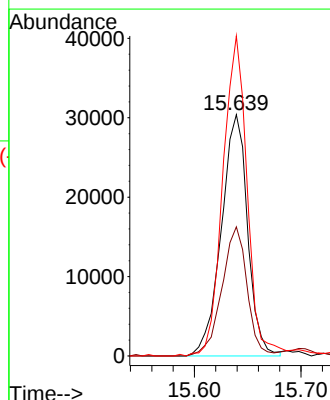
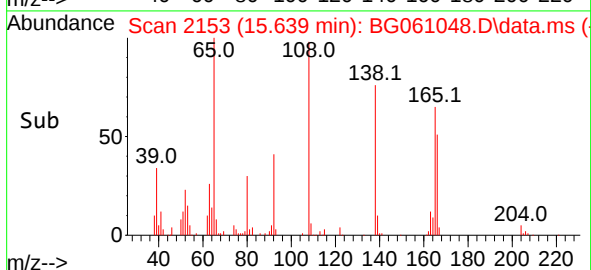
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

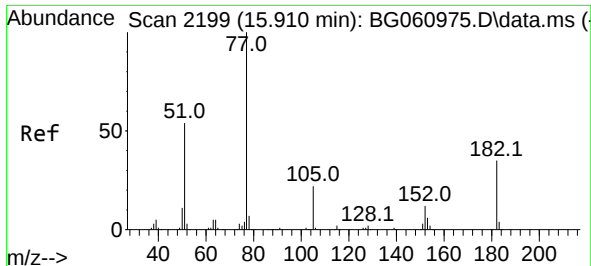


#62
4-Nitroaniline
Concen: 36.800 ng
RT: 15.639 min Scan# 2153
Delta R.T. 0.005 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29



Tgt Ion:138 Resp: 52022
Ion Ratio Lower Upper
138 100
92 53.5 32.2 72.2
108 132.6 109.0 149.0





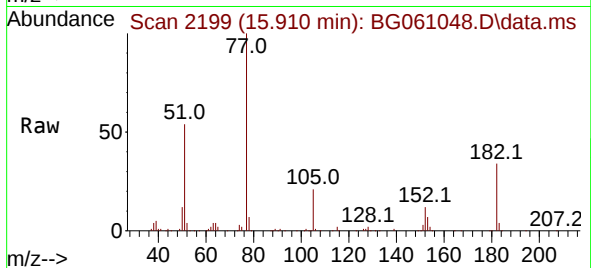
#63
Azobenzene
Concen: 39.818 ng
RT: 15.910 min Scan# 2199
Delta R.T. -0.001 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

PB160581BS

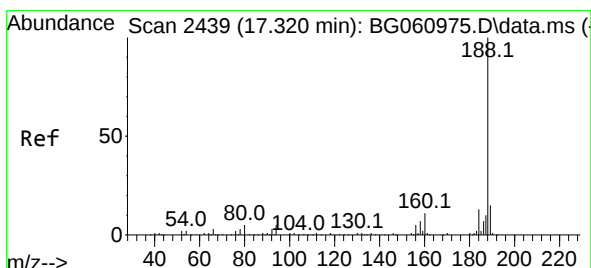
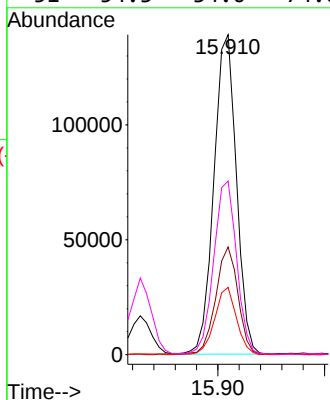
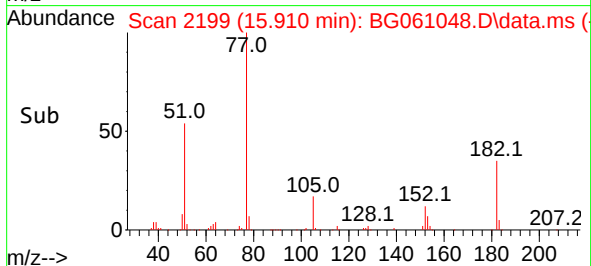


Tgt Ion: 77 Resp: 203238
Ion Ratio Lower Upper
77 100
182 33.7 14.5 54.5
105 21.1 1.9 41.9
51 54.3 34.0 74.0

Manual Integrations

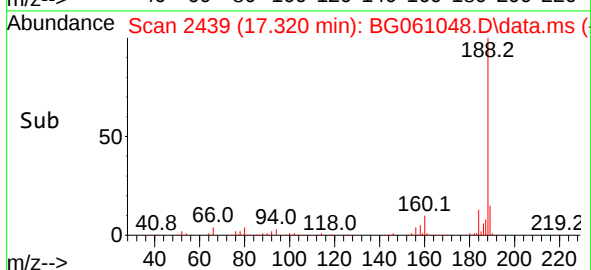
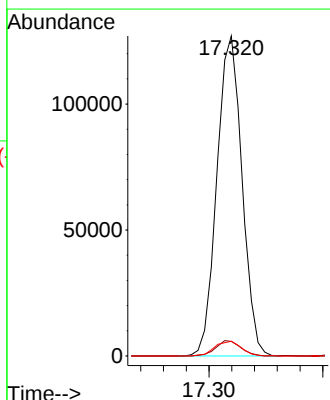
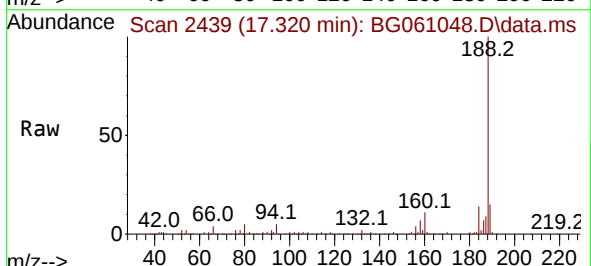
APPROVED

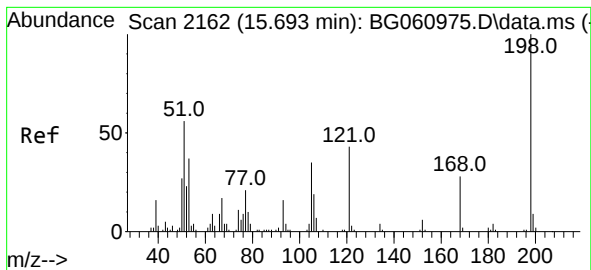
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.320 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Tgt Ion:188 Resp: 194856
Ion Ratio Lower Upper
188 100
94 4.6 4.1 6.1
80 4.6 4.0 6.0





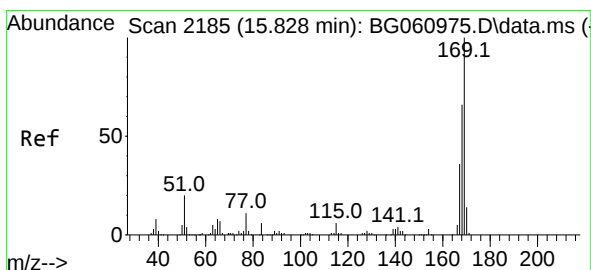
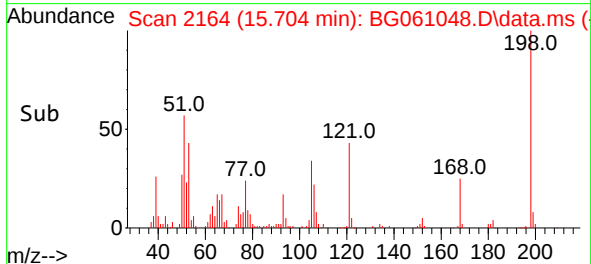
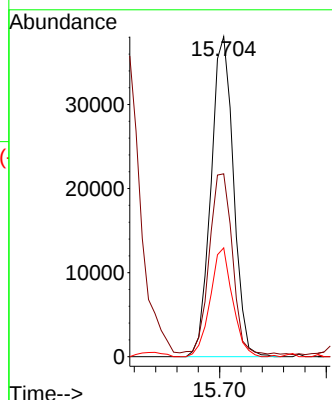
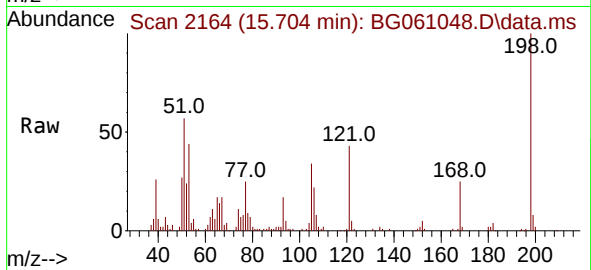
#65
4,6-Dinitro-2-methylphenol
Concen: 46.358 ng
RT: 15.704 min Scan# 2164
Delta R.T. 0.011 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Instrument :
BNA_G
ClientSampleId :
PB160581BS

Tgt Ion:198 Resp: 55770
Ion Ratio Lower Upper
198 100
51 57.2 38.6 78.6
105 34.0 14.5 54.5

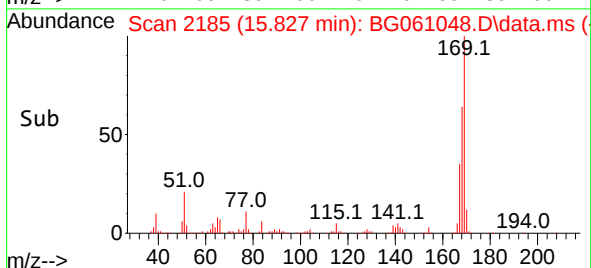
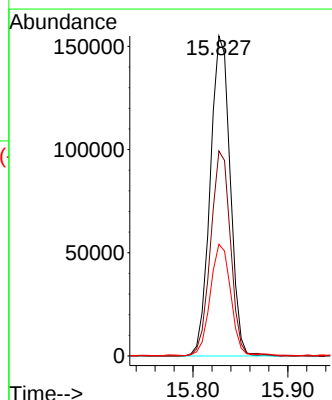
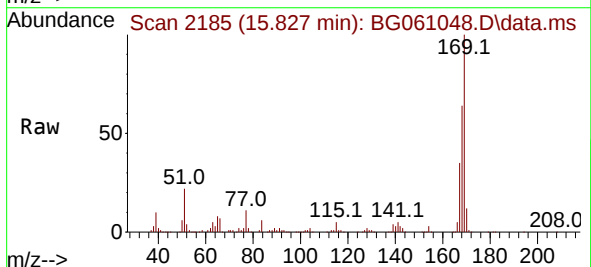
Manual Integrations
APPROVED

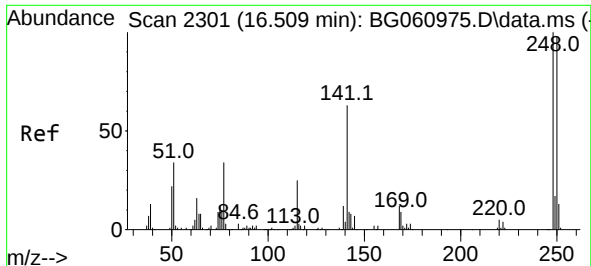
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#66
n-Nitrosodiphenylamine
Concen: 42.012 ng
RT: 15.827 min Scan# 2185
Delta R.T. -0.001 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Tgt Ion:169 Resp: 225536
Ion Ratio Lower Upper
169 100
168 64.1 52.5 78.7
167 34.9 28.8 43.2





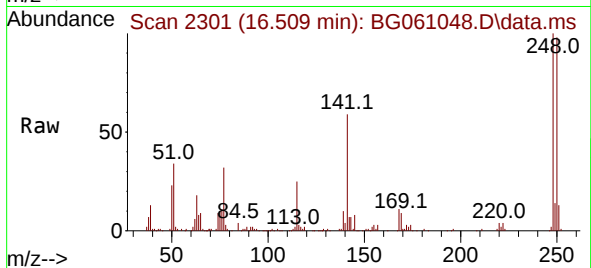
#67
4-Bromophenyl-phenylether
Concen: 41.916 ng
RT: 16.509 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

PB160581BS

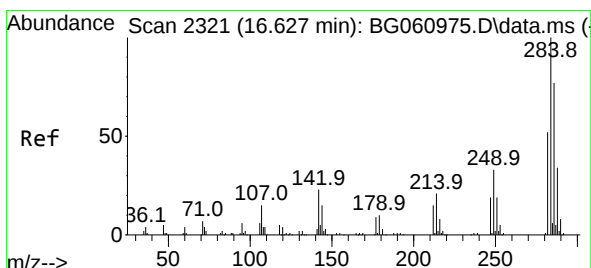
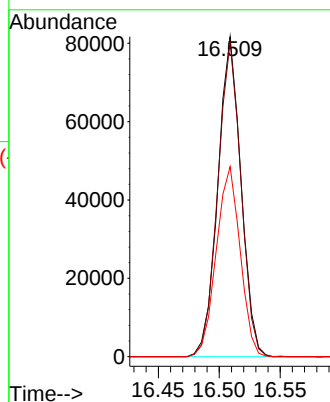
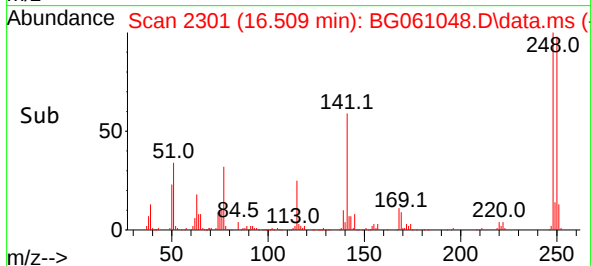


Tgt Ion:248 Resp: 10779
Ion Ratio Lower Upper
248 100
250 98.4 78.7 118.1
141 59.4 50.4 75.6

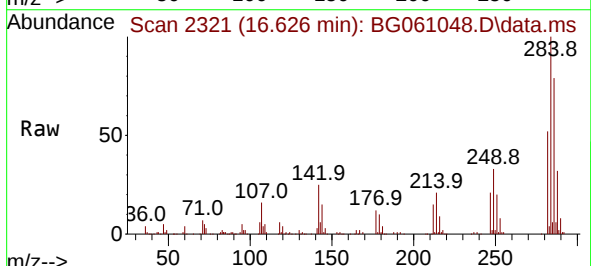
Manual Integrations

APPROVED

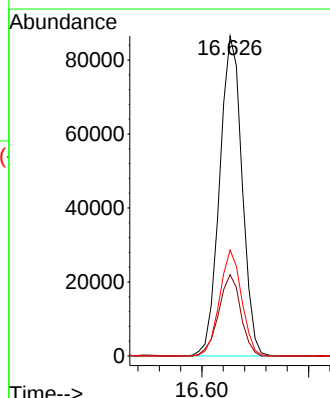
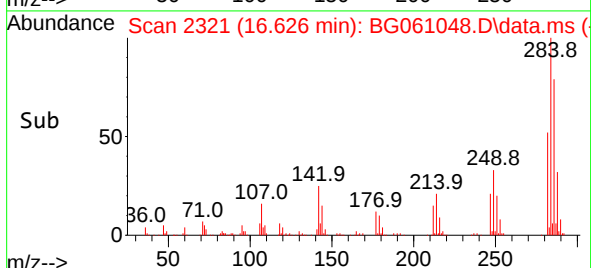
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

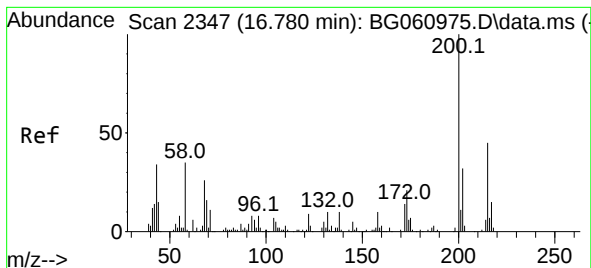


#68
Hexachlorobenzene
Concen: 44.396 ng
RT: 16.626 min Scan# 2321
Delta R.T. -0.001 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29



Tgt Ion:284 Resp: 126109
Ion Ratio Lower Upper
284 100
142 25.4 18.7 28.1
249 33.1 26.4 39.6





#69

Atrazine

Concen: 48.647 ng

RT: 16.779 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG061048.D

Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

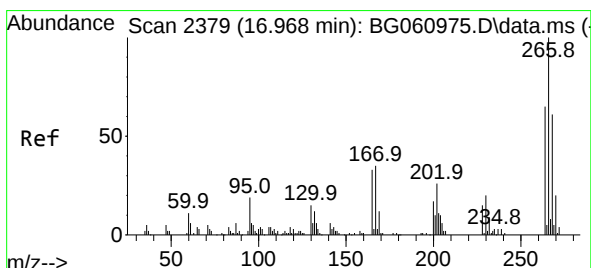
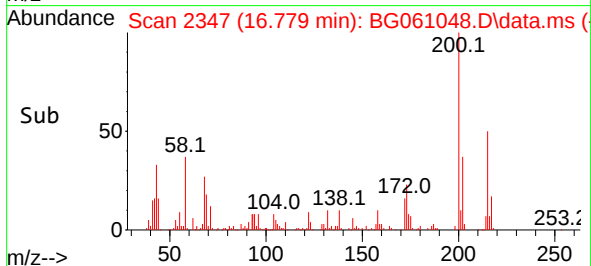
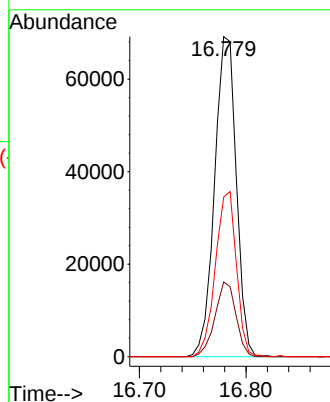
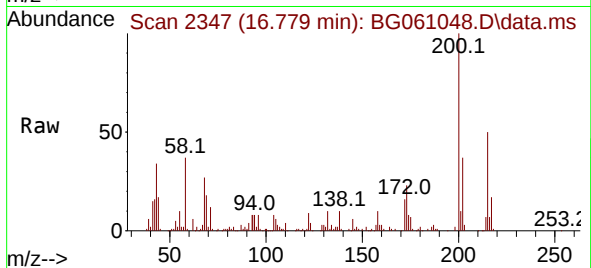
PB160581BS

Tgt Ion:	200	Resp:	9774
Ion Ratio	Lower	Upper	
200	100		
173	23.4	1.4	41.4
215	49.9	25.3	65.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#70

Pentachlorophenol

Concen: 89.431 ng

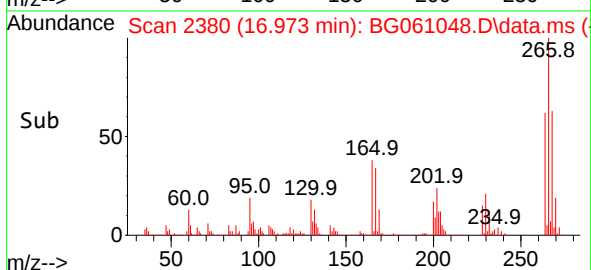
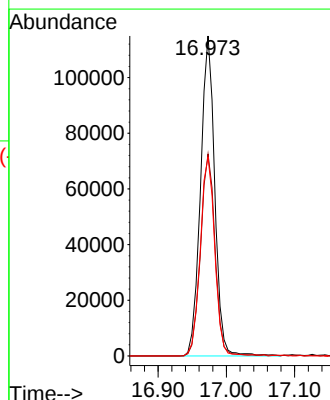
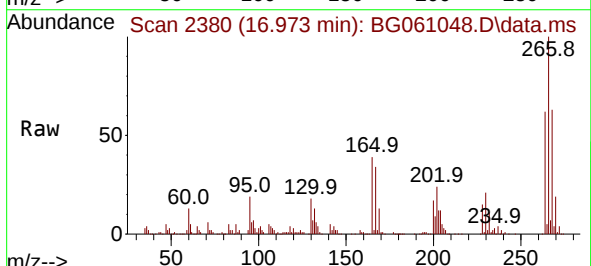
RT: 16.973 min Scan# 2380

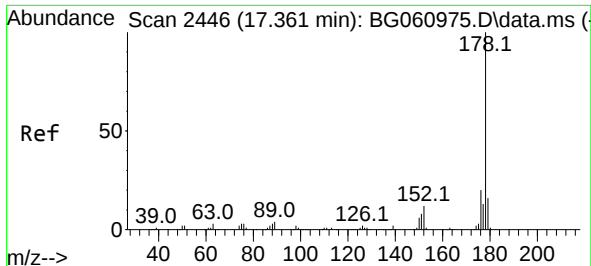
Delta R.T. 0.005 min

Lab File: BG061048.D

Acq: 29 Apr 2024 15:29

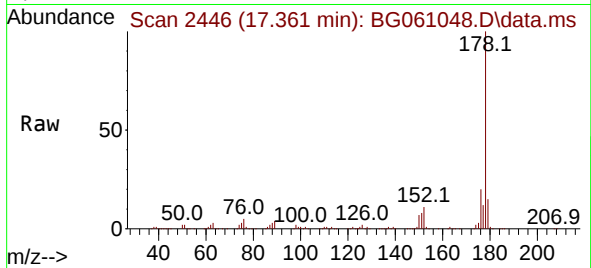
Tgt Ion:	266	Resp:	166576
Ion Ratio	Lower	Upper	
266	100		
268	63.1	49.1	73.7
264	62.1	52.2	78.2





#71
Phenanthrene
Concen: 41.620 ng
RT: 17.361 min Scan# 2446
Delta R.T. -0.000 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

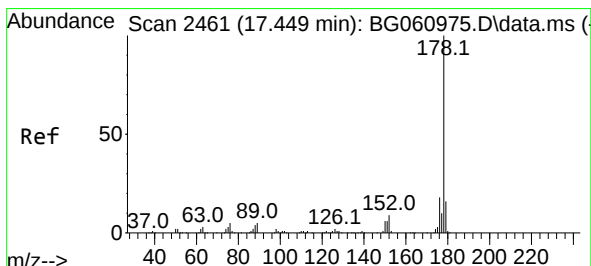
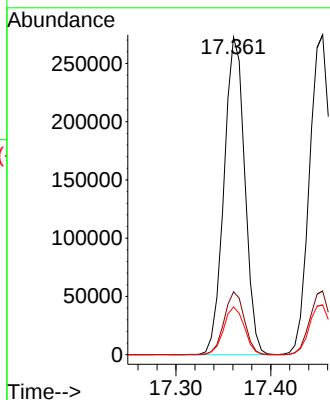
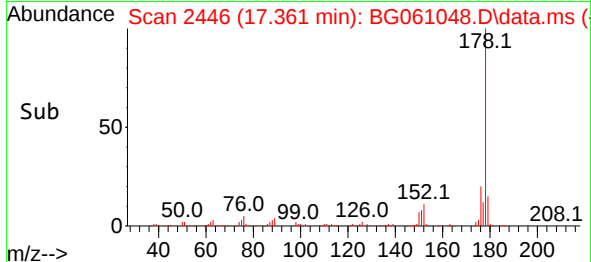
Instrument :
BNA_G
ClientSampleId :
PB160581BS



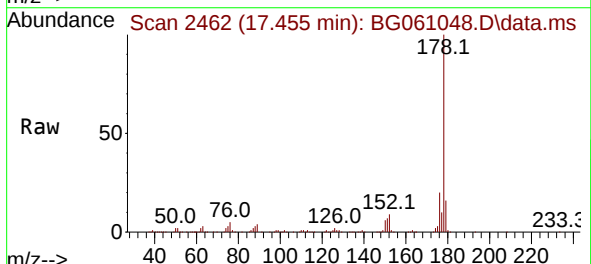
Tgt Ion:178 Resp: 41395
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.0 12.5 18.7

Manual Integrations
APPROVED

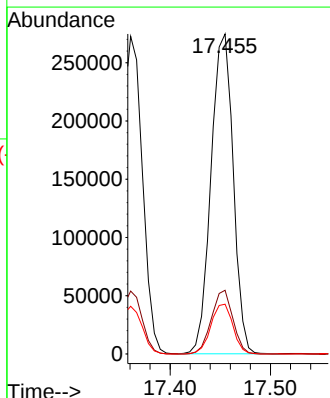
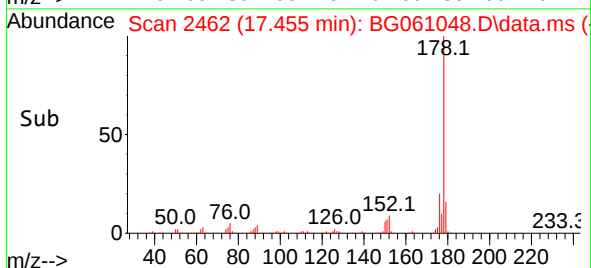
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

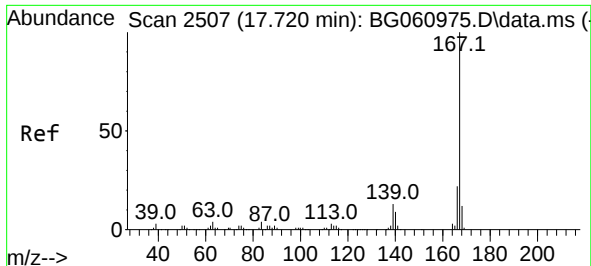


#72
Anthracene
Concen: 41.223 ng
RT: 17.455 min Scan# 2462
Delta R.T. 0.005 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29



Tgt Ion:178 Resp: 422267
Ion Ratio Lower Upper
178 100
176 19.9 14.7 22.1
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 41.594 ng
 RT: 17.719 min Scan# 2507
 Delta R.T. -0.001 min
 Lab File: BG061048.D
 Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

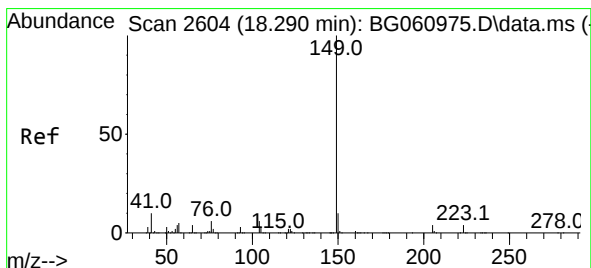
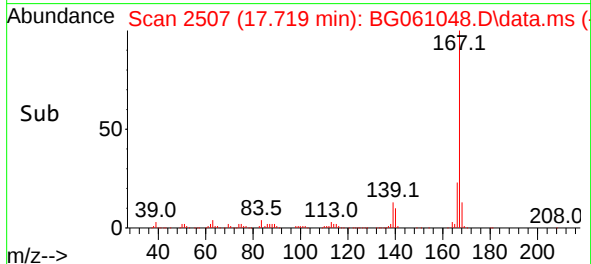
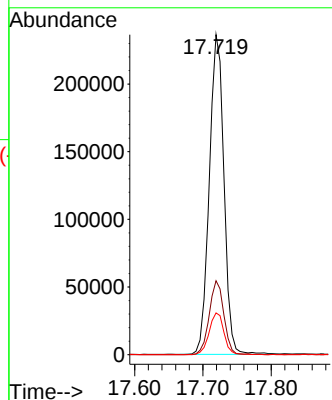
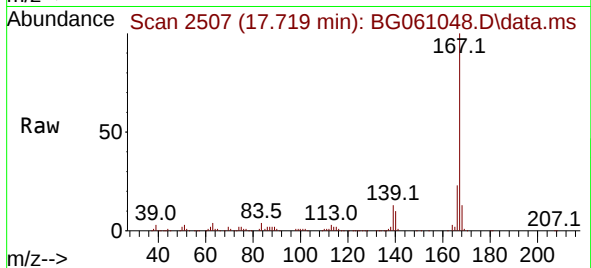
PB160581BS

Tgt Ion:167 Resp: 353850
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.8 26.8
 139 13.0 10.2 15.2

Manual Integrations

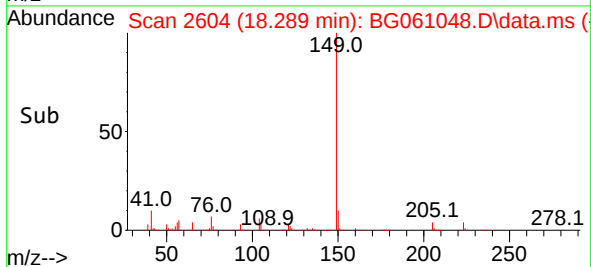
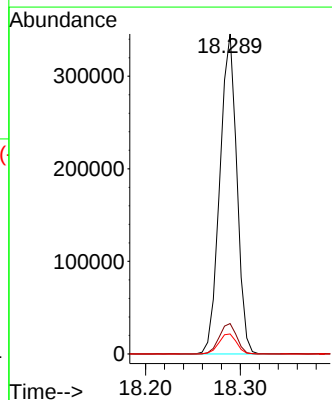
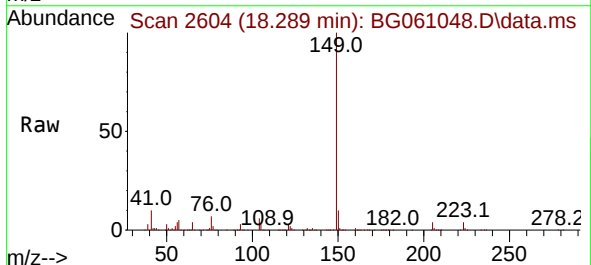
APPROVED

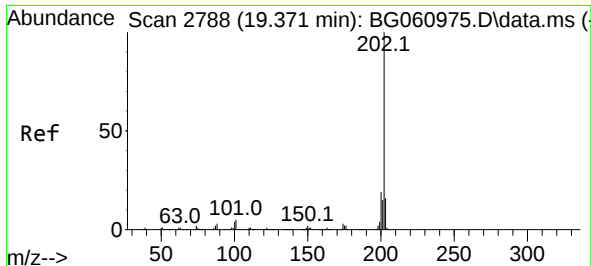
Reviewed By :Jagrut Upadhyay 04/30/2024
 Supervised By :mohammad ahmed 05/03/2024



#74
 Di-n-butylphthalate
 Concen: 41.727 ng
 RT: 18.289 min Scan# 2604
 Delta R.T. -0.001 min
 Lab File: BG061048.D
 Acq: 29 Apr 2024 15:29

Tgt Ion:149 Resp: 430989
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 6.2 5.0 7.6





#75
Fluoranthene
Concen: 40.861 ng
RT: 19.376 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

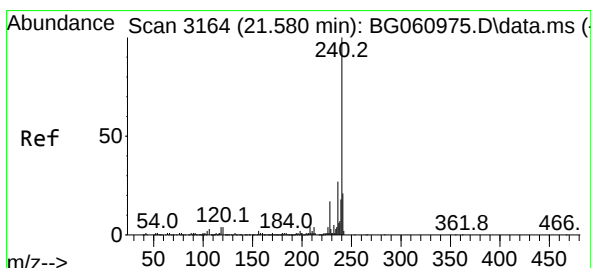
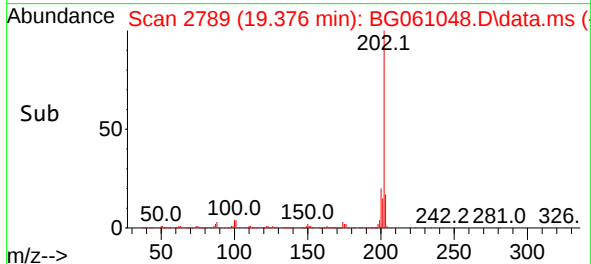
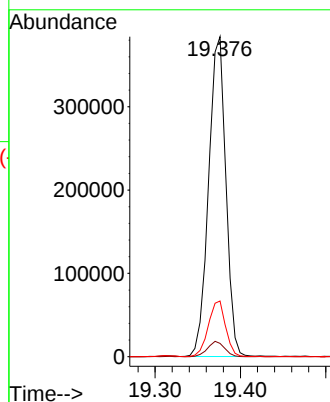
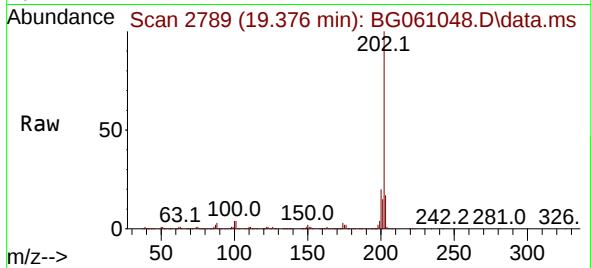
PB160581BS

Tgt Ion:202 Resp: 53936
Ion Ratio Lower Upper
202 100
101 4.2 0.0 24.9
203 17.4 0.0 36.2

Manual Integrations

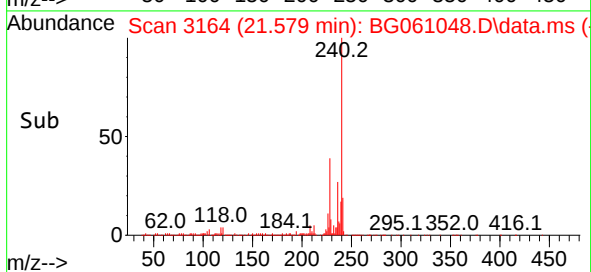
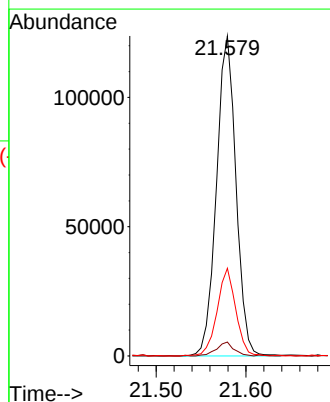
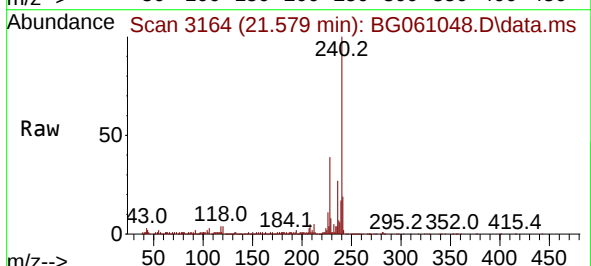
APPROVED

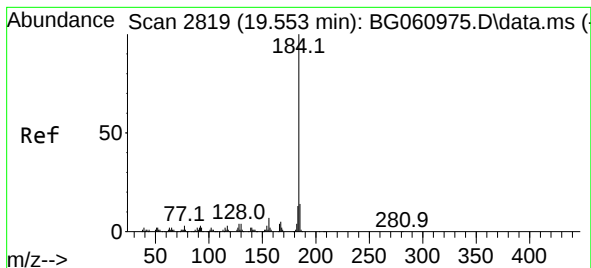
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.579 min Scan# 3164
Delta R.T. -0.001 min
Lab File: BG061048.D
Acq: 29 Apr 2024 15:29

Tgt Ion:240 Resp: 186825
Ion Ratio Lower Upper
240 100
120 4.4 3.0 4.6
236 27.4 21.8 32.6





#77

Benzidine

Concen: 37.254 ng

RT: 19.552 min Scan# 2819

Delta R.T. -0.001 min

Lab File: BG061048.D

Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

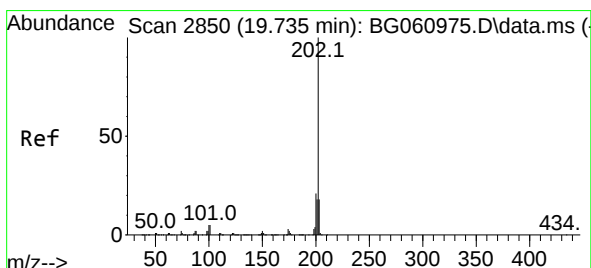
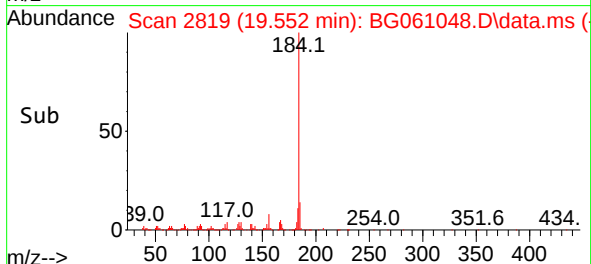
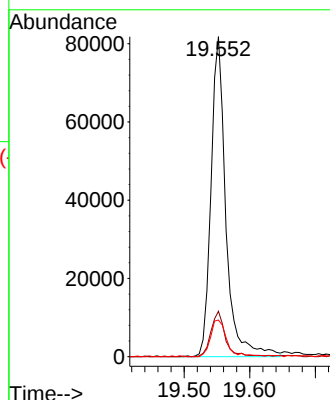
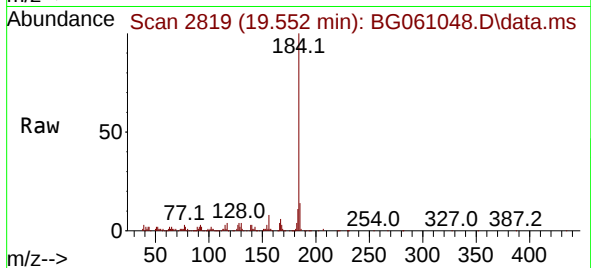
PB160581BS

Tgt Ion:	184	Resp:	12896
Ion Ratio	Lower	Upper	
184	100		
185	14.2	11.3	16.9
183	11.5	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#78

Pyrene

Concen: 43.015 ng

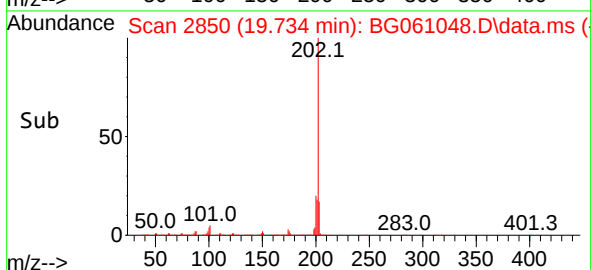
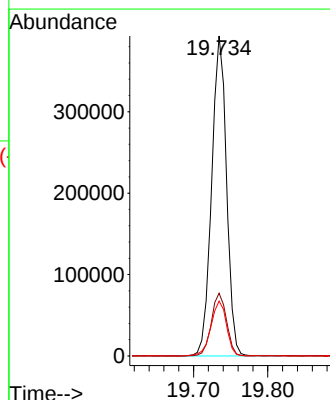
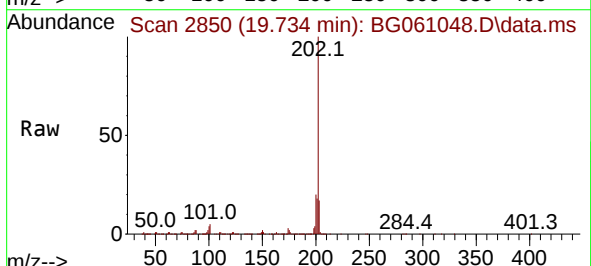
RT: 19.734 min Scan# 2850

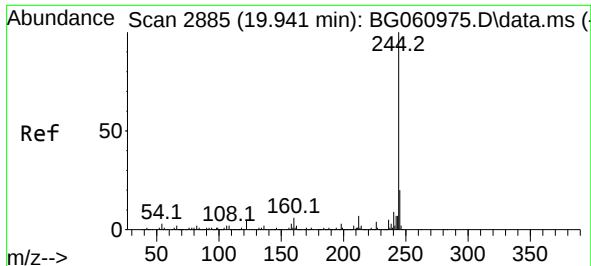
Delta R.T. -0.001 min

Lab File: BG061048.D

Acq: 29 Apr 2024 15:29

Tgt Ion:	202	Resp:	547186
Ion Ratio	Lower	Upper	
202	100		
200	19.6	16.8	25.2
203	17.1	14.2	21.2





#79
 Terphenyl-d14
 Concen: 85.242 ng
 RT: 19.940 min Scan# 2885
 Delta R.T. -0.001 min
 Lab File: BG061048.D
 Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

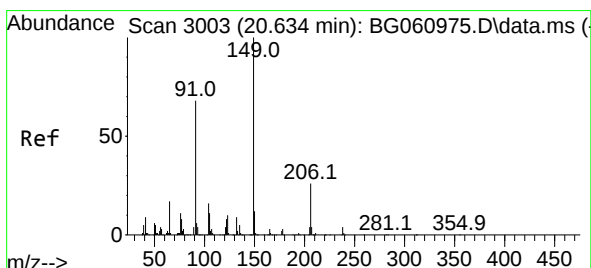
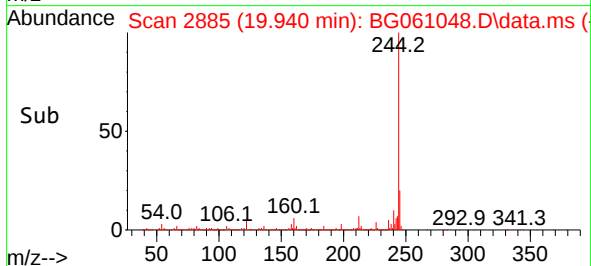
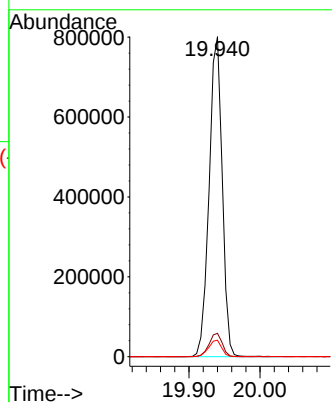
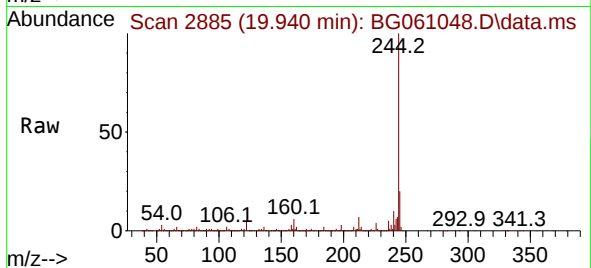
PB160581BS

Tgt Ion:244 Resp: 1025968
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 5.2 4.2 6.2

Manual Integrations

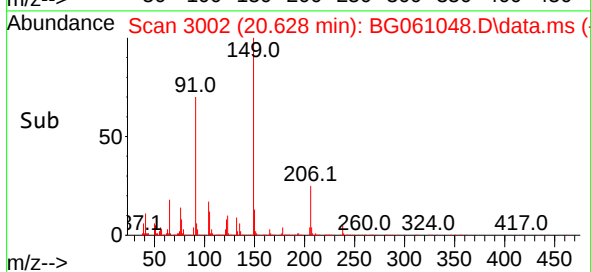
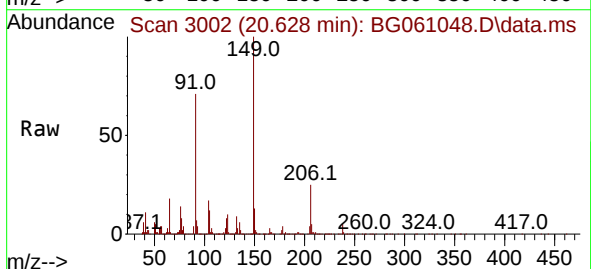
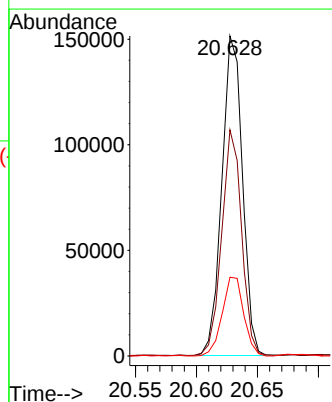
APPROVED

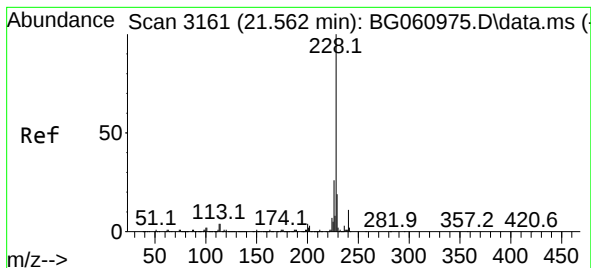
Reviewed By :Jagrut Upadhyay 04/30/2024
 Supervised By :mohammad ahmed 05/03/2024



#80
 Butylbenzylphthalate
 Concen: 41.958 ng
 RT: 20.628 min Scan# 3002
 Delta R.T. -0.006 min
 Lab File: BG061048.D
 Acq: 29 Apr 2024 15:29

Tgt Ion:149 Resp: 177898
 Ion Ratio Lower Upper
 149 100
 91 70.6 54.4 81.6
 206 24.6 20.8 31.2





#81

Benzo(a)anthracene

Concen: 43.278 ng

RT: 21.556 min Scan# 3161

Delta R.T. -0.006 min

Lab File: BG061048.D

Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

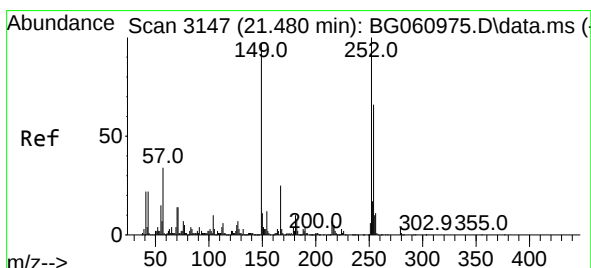
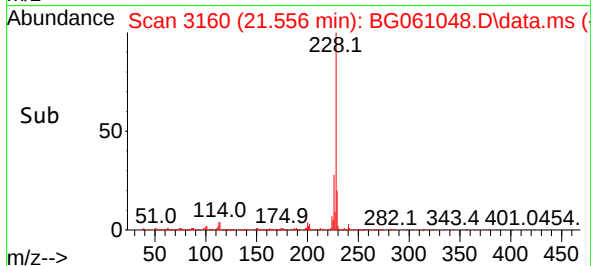
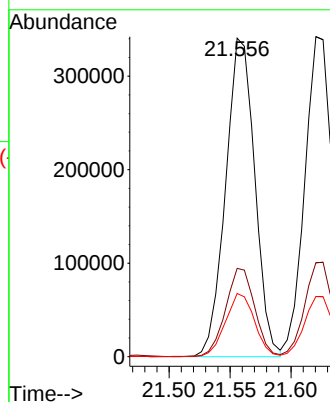
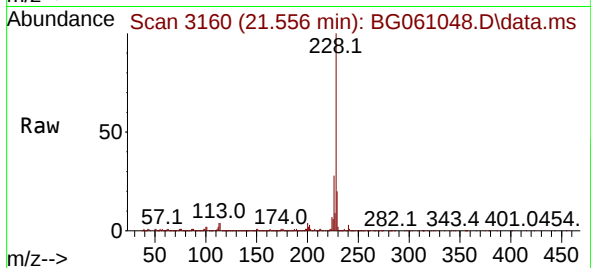
PB160581BS

Tgt Ion:228 Resp: 568450
 Ion Ratio Lower Upper
 228 100
 226 27.7 21.0 31.4
 229 19.8 15.0 22.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
 Supervised By :mohammad ahmed 05/03/2024



#82

3,3'-Dichlorobenzidine

Concen: 29.279 ng

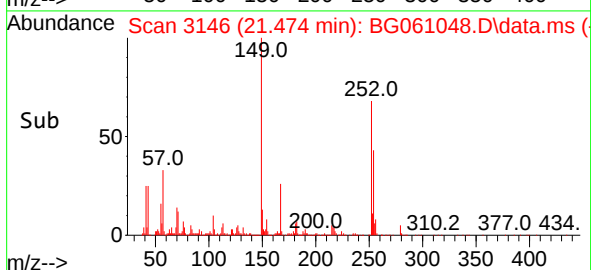
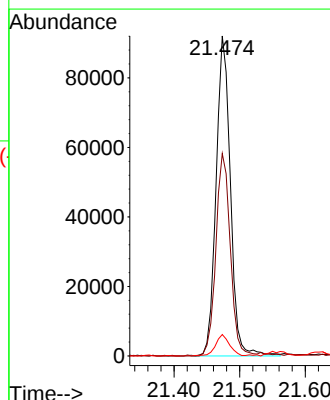
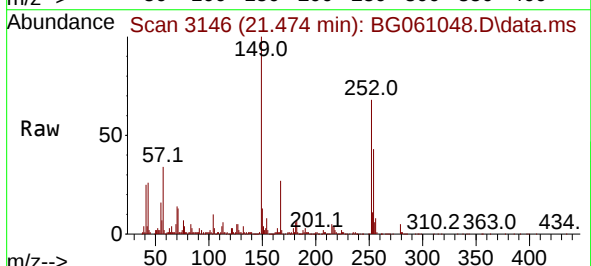
RT: 21.474 min Scan# 3146

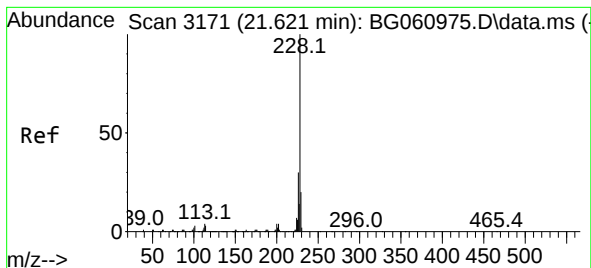
Delta R.T. -0.006 min

Lab File: BG061048.D

Acq: 29 Apr 2024 15:29

Tgt Ion:252 Resp: 138985
 Ion Ratio Lower Upper
 252 100
 254 63.3 52.7 79.1
 126 6.7 4.2 6.2





#83

Chrysene

Concen: 42.993 ng

RT: 21.620 min Scan# 3171

Delta R.T. -0.001 min

Lab File: BG061048.D

Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

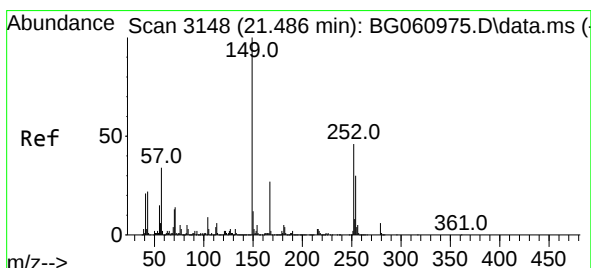
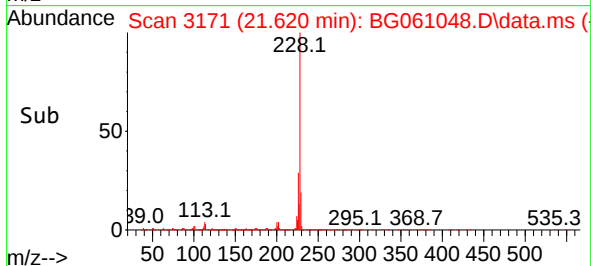
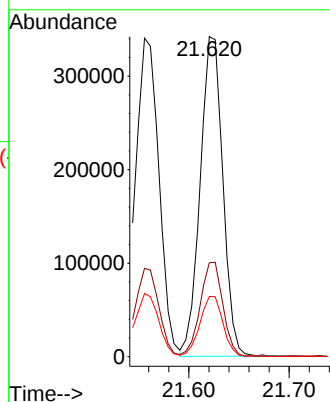
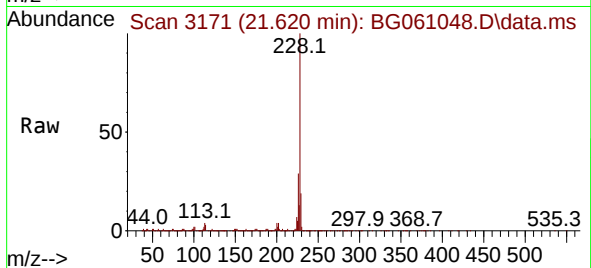
PB160581BS

Tgt Ion:	228	Resp:	537649
Ion Ratio	Lower	Upper	
228	100		
226	29.3	24.2	36.2
229	18.8	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.527 ng

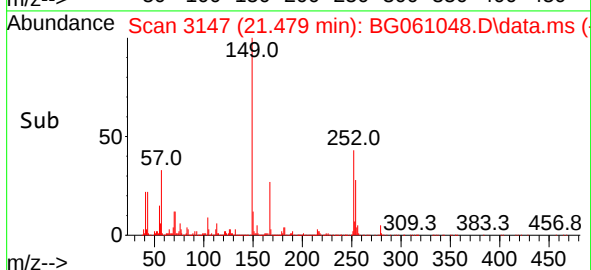
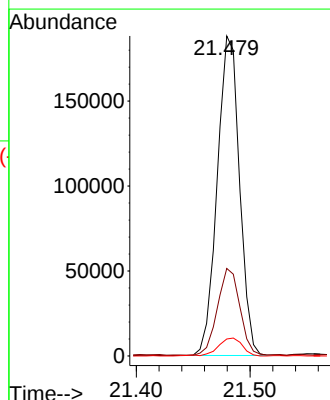
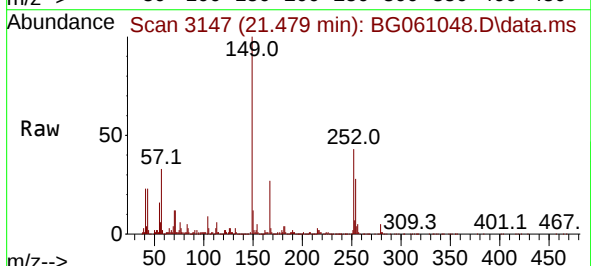
RT: 21.479 min Scan# 3147

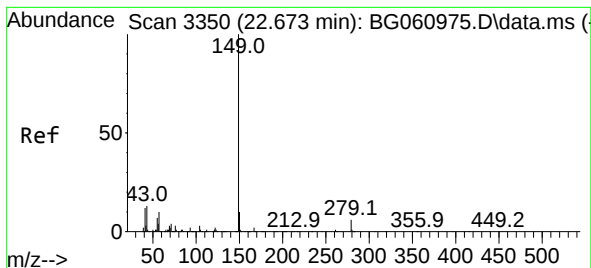
Delta R.T. -0.006 min

Lab File: BG061048.D

Acq: 29 Apr 2024 15:29

Tgt Ion:	149	Resp:	255985
Ion Ratio	Lower	Upper	
149	100		
167	27.4	21.8	32.8
279	5.3	4.4	6.6





#85

Di-n-octyl phthalate

Concen: 42.808 ng

RT: 22.666 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG061048.D

Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

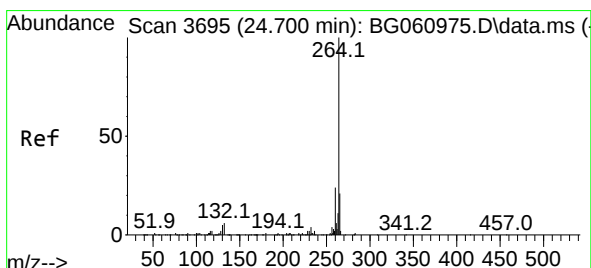
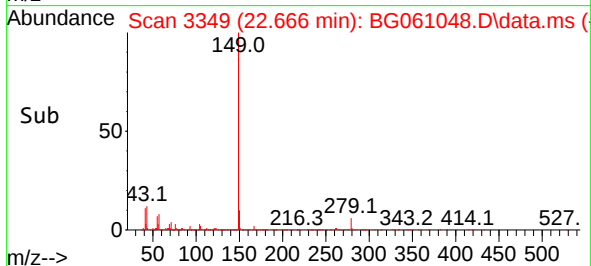
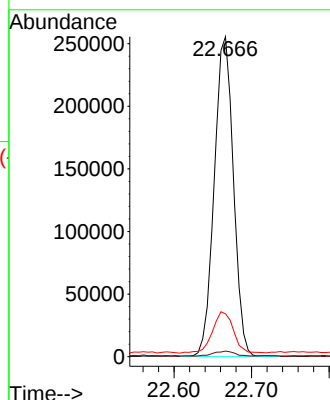
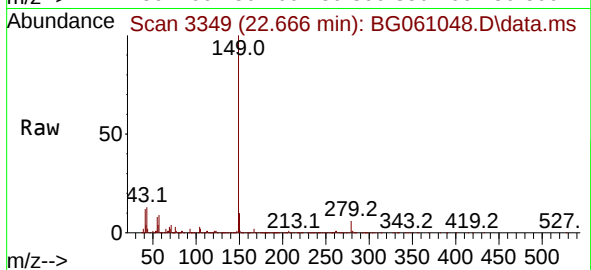
PB160581BS

Tgt Ion:	149	Resp:	43810
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.2
43	14.2	11.0	16.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#86

Perylene-d12

Concen: 20.000 ng

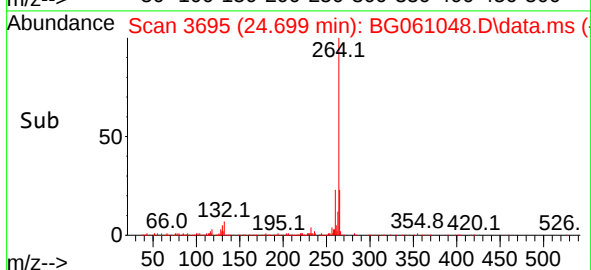
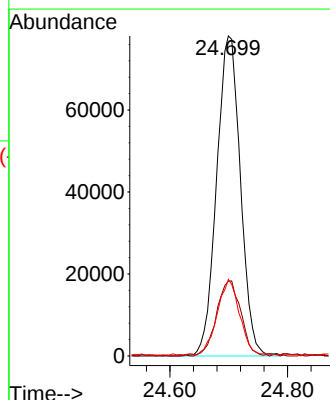
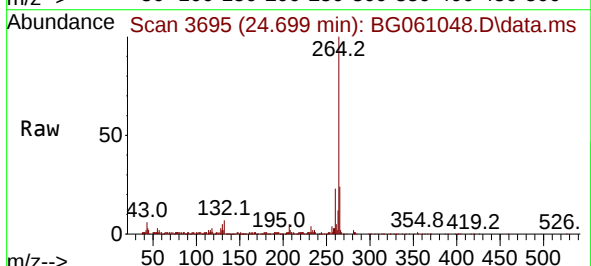
RT: 24.699 min Scan# 3695

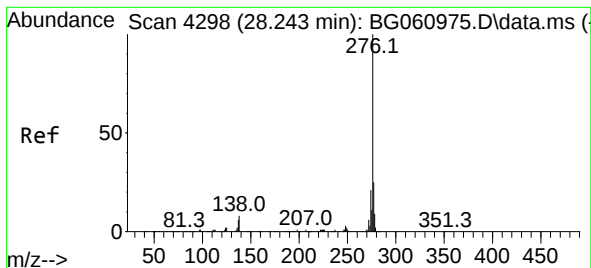
Delta R.T. -0.001 min

Lab File: BG061048.D

Acq: 29 Apr 2024 15:29

Tgt Ion:	264	Resp:	218832
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.4	29.2
265	23.9	17.0	25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.416 ng

RT: 28.254 min Scan# 41

Delta R.T. 0.011 min

Lab File: BG061048.D

Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

PB160581BS

Tgt Ion:276 Resp: 704614

Ion Ratio Lower Upper

276 100

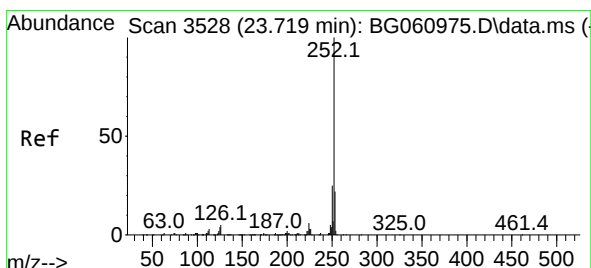
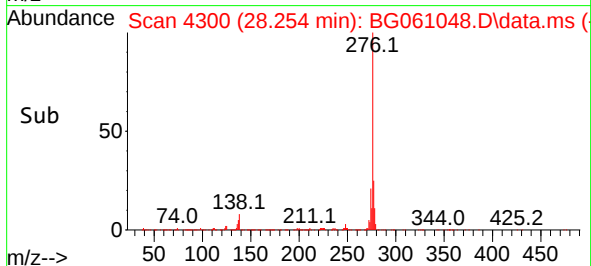
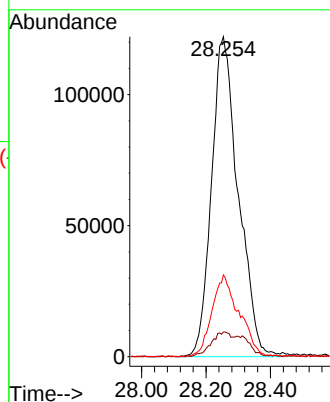
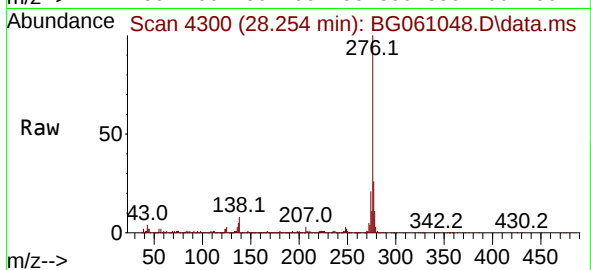
138 6.3 5.3 7.9

277 26.0 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#88

Benzo(b)fluoranthene

Concen: 44.910 ng

RT: 23.718 min Scan# 3528

Delta R.T. -0.001 min

Lab File: BG061048.D

Acq: 29 Apr 2024 15:29

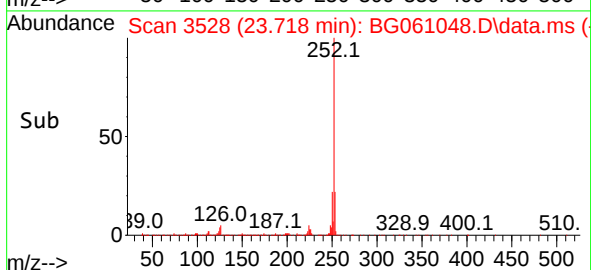
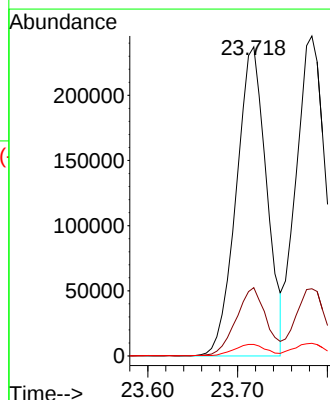
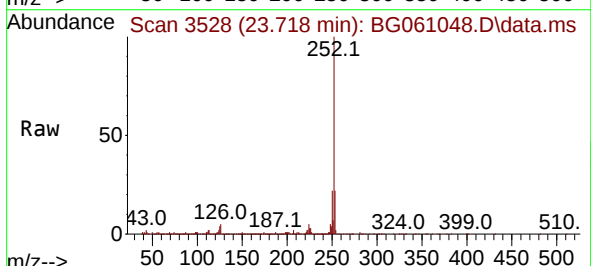
Tgt Ion:252 Resp: 556936

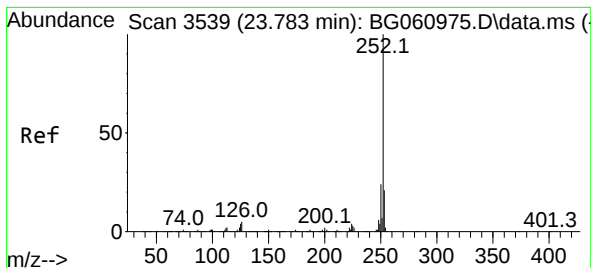
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 3.7 3.3 4.9





#89

Benzo(k)fluoranthene

Concen: 44.531 ng

RT: 23.783 min Scan# 3539

Delta R.T. -0.001 min

Lab File: BG061048.D

Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

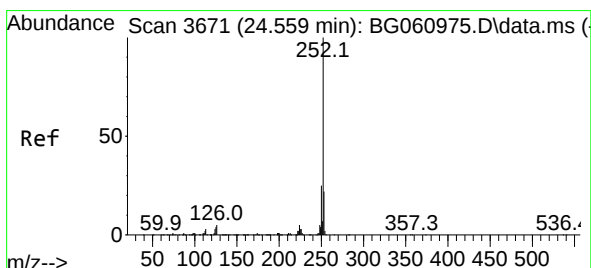
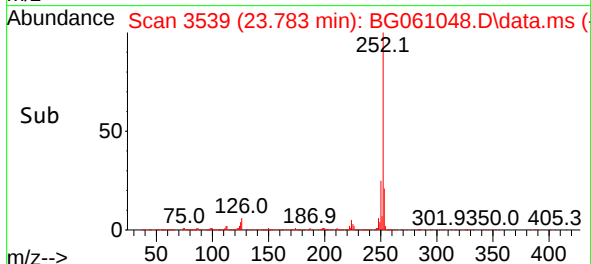
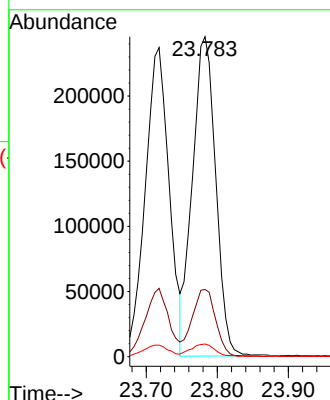
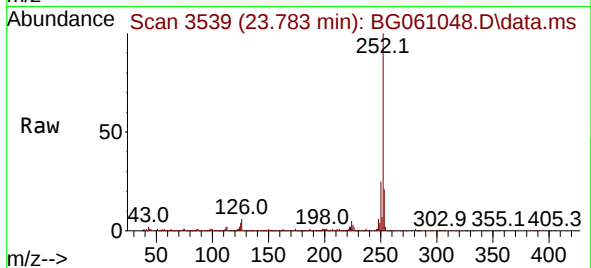
PB160581BS

Tgt Ion:252	Resp: 557474
Ion Ratio	Lower Upper
252 100	
253 21.0	16.6 25.0
125 4.0	3.3 4.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#90

Benzo(a)pyrene

Concen: 43.488 ng

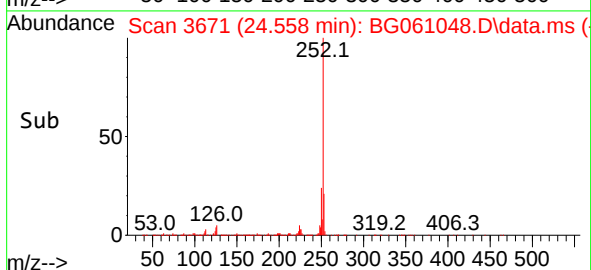
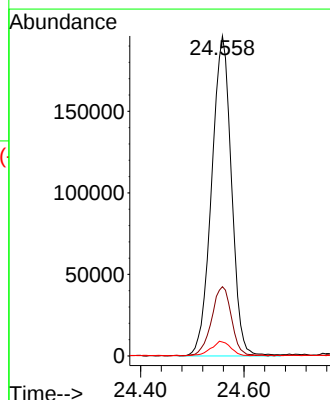
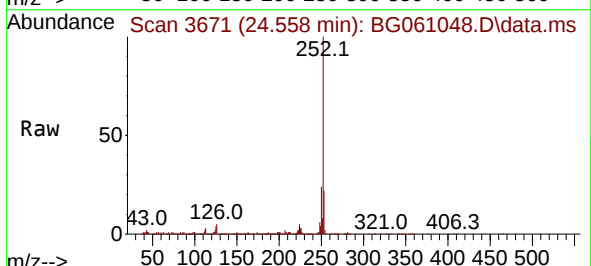
RT: 24.558 min Scan# 3671

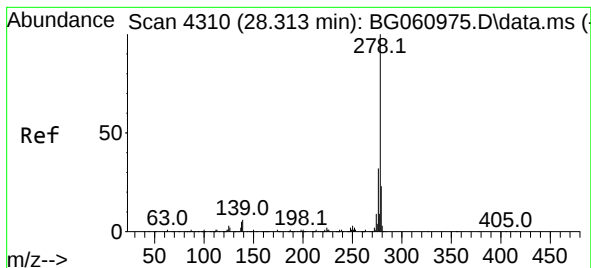
Delta R.T. -0.001 min

Lab File: BG061048.D

Acq: 29 Apr 2024 15:29

Tgt Ion:252	Resp: 522000		
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.7	26.5
125	4.4	3.6	5.4





#91

Dibenzo(a,h)anthracene

Concen: 46.099 ng

RT: 28.319 min Scan# 4311

Delta R.T. 0.005 min

Lab File: BG061048.D

Acq: 29 Apr 2024 15:29

Instrument :

BNA_G

ClientSampleId :

PB160581BS

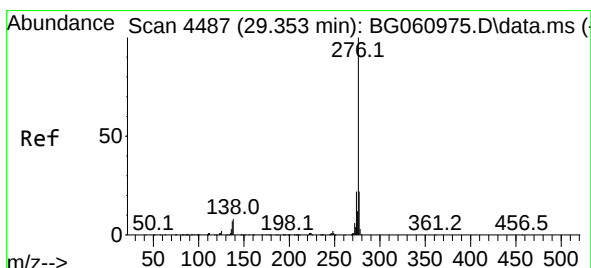
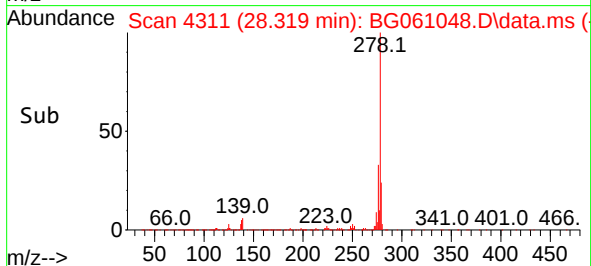
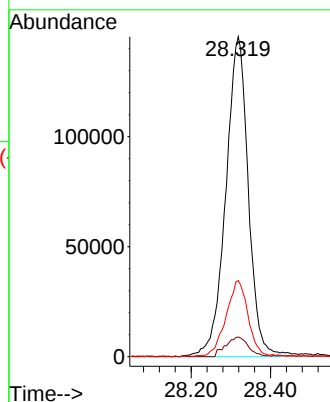
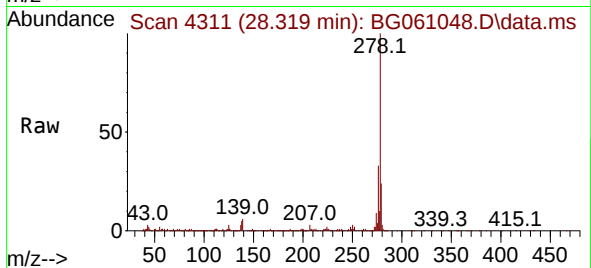
Tgt Ion:278 Resp: 571752

Ion	Ratio	Lower	Upper
278	100		
139	6.2	4.7	7.1
279	23.8	18.2	27.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#92

Benzo(g,h,i)perylene

Concen: 43.227 ng

RT: 29.358 min Scan# 4488

Delta R.T. 0.005 min

Lab File: BG061048.D

Acq: 29 Apr 2024 15:29

Tgt Ion:276 Resp: 531579

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.0	27.0
138	7.6	6.5	9.7

