

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
 Data File : BG061185.D
 Acq On : 14 May 2024 11:16
 Operator : MA/JU
 Sample : PB160877BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB160877BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
 Supervised By :mohammad ahmed 05/17/2024

Quant Time: May 14 12:00:39 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed May 01 05:11:25 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	21598	20.000	ng	#-0.03
21) Naphthalene-d8	10.726	136	81827	20.000	ng	#-0.03
39) Acenaphthene-d10	14.562	164	72501	20.000	ng	-0.03
64) Phenanthrene-d10	17.306	188	185868	20.000	ng	-0.03
76) Chrysene-d12	21.572	240	189254	20.000	ng	-0.02
86) Perylene-d12	24.680	264	219385	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	171425	161.419	ng	-0.02
7) Phenol-d6	7.112	99	237132	150.942	ng	-0.02
23) Nitrobenzene-d5	9.086	82	145289	88.019	ng	-0.03
42) 2,4,6-Tribromophenol	16.055	330	179275	123.709	ng	-0.02
45) 2-Fluorobiphenyl	13.181	172	406659	82.941	ng	-0.03
79) Terphenyl-d14	19.927	244	943952	82.953	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	13212	30.769	ng	91
3) Pyridine	3.822	79	37068	29.337	ng	95
4) n-Nitrosodimethylamine	3.740	42	44656	36.785	ng	# 88
6) Aniline	7.259	93	54211	34.808	ng	97
8) 2-Chlorophenol	7.500	128	64259	49.321	ng	98
9) Benzaldehyde	7.065	77	25601	28.277	ng	97
10) Phenol	7.136	94	82204	51.453	ng	96
11) bis(2-Chloroethyl)ether	7.353	93	50813	46.039	ng	98
12) 1,3-Dichlorobenzene	7.817	146	63182	41.135	ng	93
13) 1,4-Dichlorobenzene	7.964	146	64783	40.809	ng	92
14) 1,2-Dichlorobenzene	8.281	146	58975	38.507	ng	96
15) Benzyl Alcohol	8.170	79	60314	42.559	ng	# 90
16) 2,2'-oxybis(1-Chloropr...	8.446	45	109920m	45.897	ng	
17) 2-Methylphenol	8.381	107	51049	44.837	ng	89
18) Hexachloroethane	9.010	117	21898	38.659	ng	92
19) n-Nitroso-di-n-propyla...	8.734	70	44917	38.205	ng	91
20) 3+4-Methylphenols	8.710	107	72113	43.901	ng	95
22) Acetophenone	8.751	105	93943	46.100	ng	# 92
24) Nitrobenzene	9.127	77	73229	45.349	ng	# 92
25) Isophorone	9.650	82	128333	42.059	ng	# 92
26) 2-Nitrophenol	9.838	139	35402	46.273	ng	97
27) 2,4-Dimethylphenol	9.909	122	43961	49.839	ng	98
28) bis(2-Chloroethoxy)met...	10.132	93	68337	45.634	ng	98
29) 2,4-Dichlorophenol	10.385	162	64786	46.877	ng	91
30) 1,2,4-Trichlorobenzene	10.590	180	69512	41.743	ng	95
31) Naphthalene	10.778	128	180617	42.471	ng	99
32) Benzoic acid	10.067	122	29189m	28.626	ng	
33) 4-Chloroaniline	10.884	127	46864m	27.631	ng	
34) Hexachlorobutadiene	11.060	225	57320	40.116	ng	96
35) Caprolactam	11.660	113	20566m	41.322	ng	
36) 4-Chloro-3-methylphenol	12.018	107	71895	43.141	ng	95
37) 2-Methylnaphthalene	12.382	142	135659	42.569	ng	98
38) 1-Methylnaphthalene	12.606	142	127663	39.792	ng	95
40) 1,2,4,5-Tetrachloroben...	12.753	216	107647	44.490	ng	98
41) Hexachlorocyclopentadiene	12.735	237	98165	105.981	ng	96
43) 2,4,6-Trichlorophenol	12.999	196	67859	43.685	ng	99

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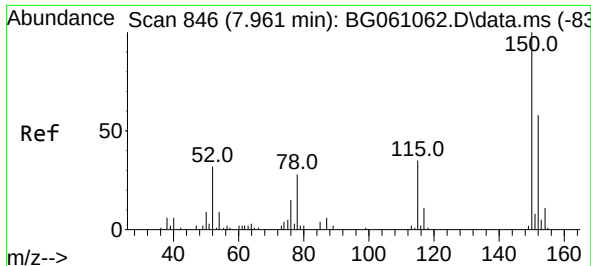
Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
 Supervised By :mohammad ahmed 05/17/2024

Quant Time: May 14 12:00:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	75423	42.901	ng	88
46) 1,1'-Biphenyl	13.393	154	199767	42.973	ng	95
47) 2-Chloronaphthalene	13.440	162	158936	42.697	ng	97
48) 2-Nitroaniline	13.640	65	62355	45.142	ng	95
49) Acenaphthylene	14.280	152	263764	46.135	ng	96
50) Dimethylphthalate	14.022	163	232637	41.543	ng	99
51) 2,6-Dinitrotoluene	14.139	165	48466	40.462	ng	99
52) Acenaphthene	14.627	154	147330	41.309	ng	98
53) 3-Nitroaniline	14.468	138	32526	29.678	ng	98
54) 2,4-Dinitrophenol	14.686	184	64645	76.242	ng	96
55) Dibenzofuran	14.962	168	257536	42.750	ng	98
56) 4-Nitrophenol	14.797	139	70448	79.537	ng	90
57) 2,4-Dinitrotoluene	14.932	165	73848	41.672	ng	92
58) Fluorene	15.608	166	216666	41.564	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.191	232	75403	41.664	ng	99
60) Diethylphthalate	15.385	149	231783	41.045	ng	100
61) 4-Chlorophenyl-phenyle...	15.602	204	125431	40.073	ng	95
62) 4-Nitroaniline	15.637	138	47224	39.728	ng	95
63) Azobenzene	15.896	77	190901	43.426	ng	96
65) 4,6-Dinitro-2-methylph...	15.696	198	49168	42.635	ng	97
66) n-Nitrosodiphenylamine	15.820	169	199566	43.298	ng	97
67) 4-Bromophenyl-phenylether	16.501	248	97251	44.416	ng	94
68) Hexachlorobenzene	16.619	284	113923	41.803	ng	99
69) Atrazine	16.771	200	92242	48.527	ng	98
70) Pentachlorophenol	16.965	266	107578	64.255	ng	93
71) Phenanthrene	17.353	178	374872	44.109	ng	98
72) Anthracene	17.447	178	395659	46.657	ng	94
73) Carbazole	17.711	167	329622	44.208	ng	99
74) Di-n-butylphthalate	18.275	149	392063	44.221	ng	100
75) Fluoranthene	19.362	202	502348	43.146	ng	99
77) Benzidine	19.545	184	110945	31.808	ng	98
78) Pyrene	19.727	202	514018	42.721	ng	99
80) Butylbenzylphthalate	20.614	149	178854	46.960	ng	88
81) Benzo(a)anthracene	21.548	228	546478	44.127	ng	98
82) 3,3'-Dichlorobenzidine	21.466	252	141023	31.642	ng	99
83) Chrysene	21.613	228	510580	44.005	ng	99
84) Bis(2-ethylhexyl)phtha...	21.460	149	235861	47.424	ng	93
85) Di-n-octyl phthalate	22.641	149	399039	45.476	ng	99
87) Indeno(1,2,3-cd)pyrene	28.234	276	669332	46.037	ng	99
88) Benzo(b)fluoranthene	23.710	252	546136	44.549	ng	93
89) Benzo(k)fluoranthene	23.769	252	529824	44.923	ng	98
90) Benzo(a)pyrene	24.545	252	500897	46.898	ng	99
91) Dibenzo(a,h)anthracene	28.299	278	547913	45.506	ng #	98
92) Benzo(g,h,i)perylene	29.345	276	508459	42.495	ng #	98

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



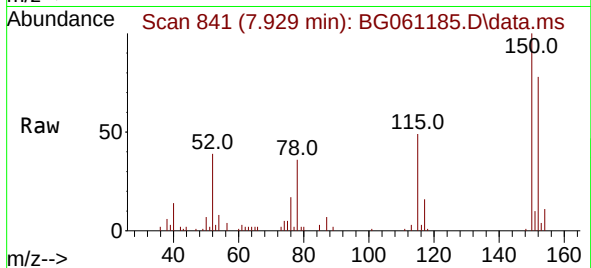
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.929 min Scan# 841
 Delta R.T. -0.032 min
 Lab File: BG061185.D
 Acq: 14 May 2024 11:16

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BNA_G

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PB160877BS

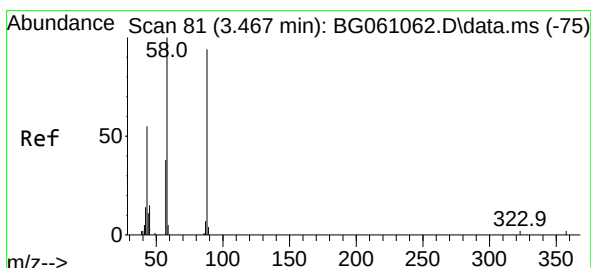
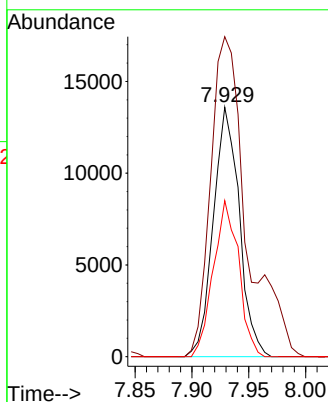
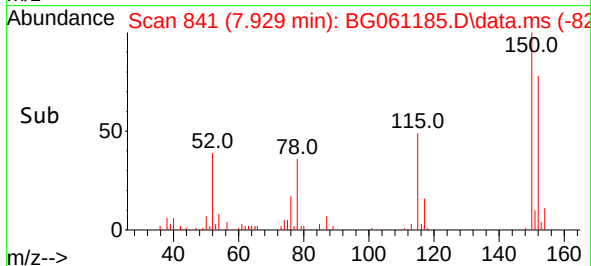


Tgt Ion:152 Resp: 21598
 Ion Ratio Lower Upper
 152 100
 150 128.3 138.3 207.5
 115 62.6 48.0 72.0

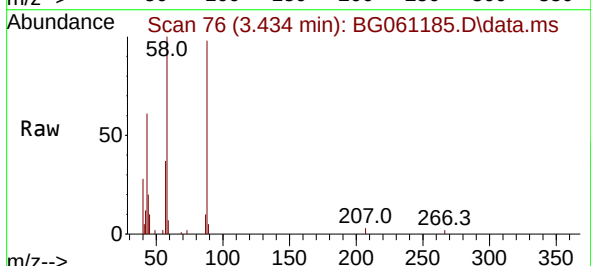
Manual Integrations

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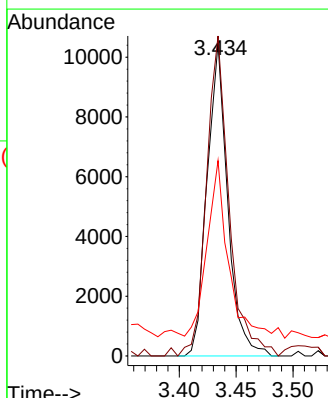
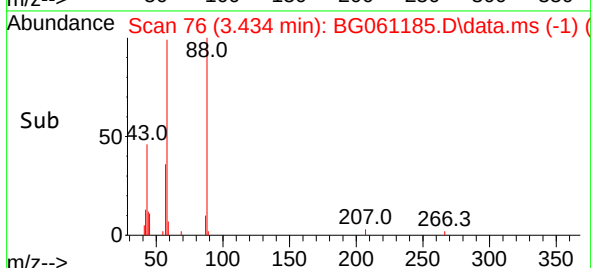
Reviewed By :Jagrut Upadhyay 05/15/2024
 Supervised By :mohammad ahmed 05/17/2024

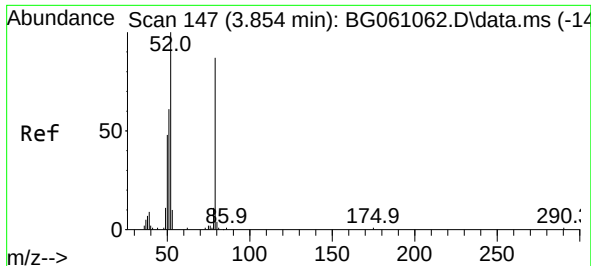


#2
 1,4-Dioxane
 Concen: 30.769 ng
 RT: 3.434 min Scan# 76
 Delta R.T. -0.033 min
 Lab File: BG061185.D
 Acq: 14 May 2024 11:16



Tgt Ion: 88 Resp: 13212
 Ion Ratio Lower Upper
 88 100
 58 112.7 81.2 121.8
 43 59.1 45.0 67.4





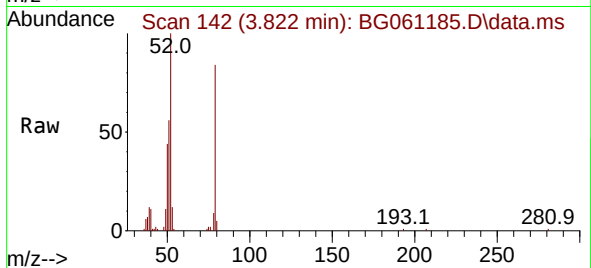
#3
Pyridine
Concen: 29.337 ng
RT: 3.822 min Scan# 147
Delta R.T. -0.033 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Instrument :

BNA_G

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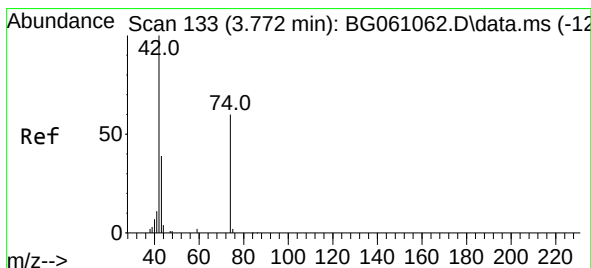
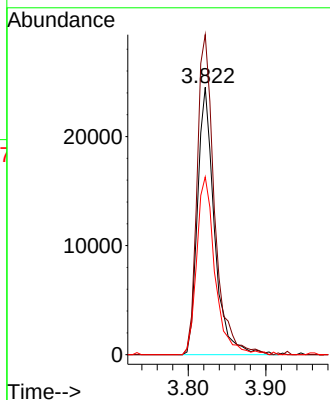
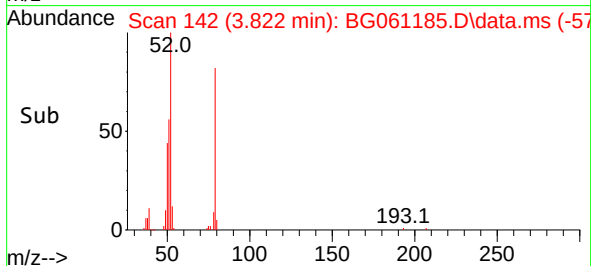


Tgt Ion: 79 Resp: 37068
Ion Ratio Lower Upper
79 100
52 119.7 91.6 137.4
51 66.5 57.0 85.4

Manual Integrations

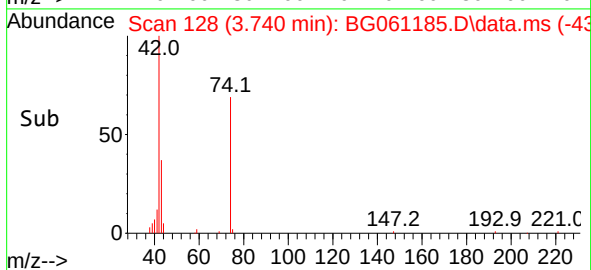
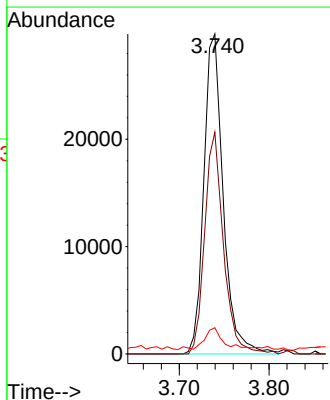
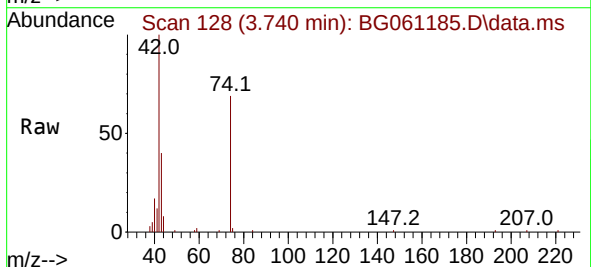
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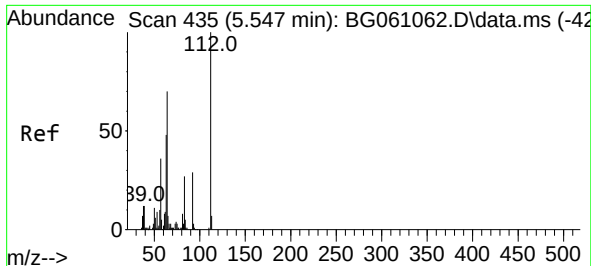
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#4
n-Nitrosodimethylamine
Concen: 36.785 ng
RT: 3.740 min Scan# 128
Delta R.T. -0.033 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

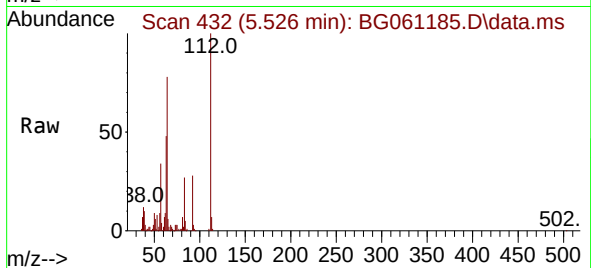
Tgt Ion: 42 Resp: 44656
Ion Ratio Lower Upper
42 100
74 69.3 47.8 71.8
44 8.2 4.7 7.1#





#5
2-Fluorophenol
Concen: 161.419 ng
RT: 5.526 min Scan# 411
Delta R.T. -0.021 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

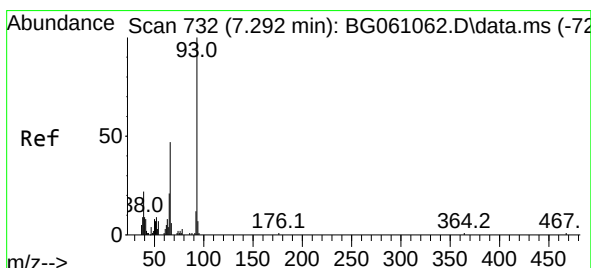
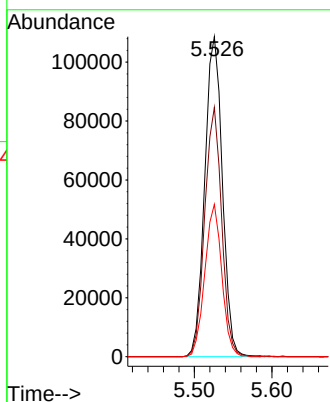
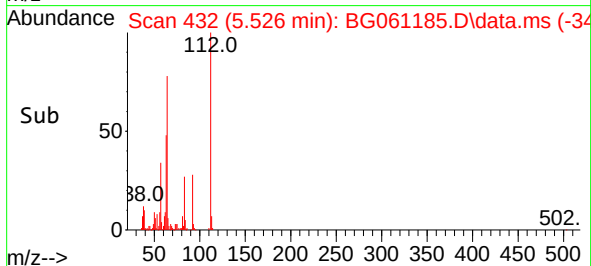
Instrument :
BNA_G
ClientSampleId :
PB160877BS



Tgt Ion:112 Resp: 171429
Ion Ratio Lower Upper
112 100
64 77.9 55.7 83.5
63 47.6 38.1 57.1

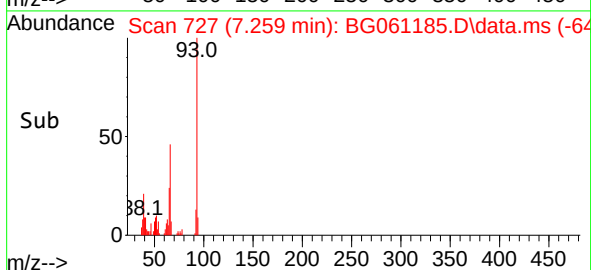
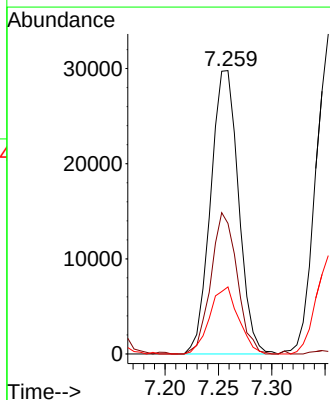
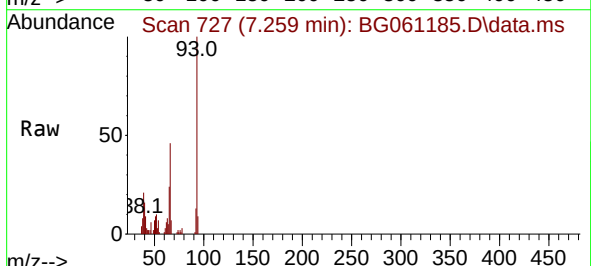
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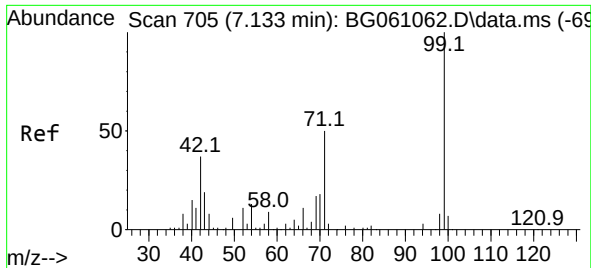
Reviewed By :Jagrut Upadhyay 05/15/2024
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#6
Aniline
Concen: 34.808 ng
RT: 7.259 min Scan# 727
Delta R.T. -0.033 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

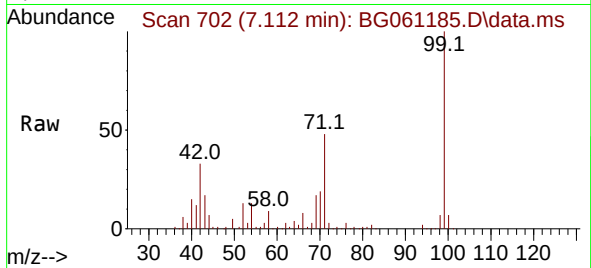
Tgt Ion: 93 Resp: 54211
Ion Ratio Lower Upper
93 100
66 46.1 37.4 56.0
65 23.7 16.6 24.8





#7
Phenol-d6
Concen: 150.942 ng
RT: 7.112 min Scan# 705
Delta R.T. -0.021 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

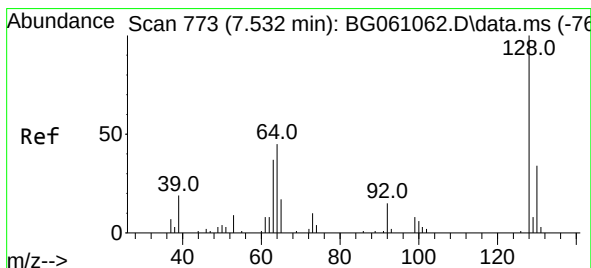
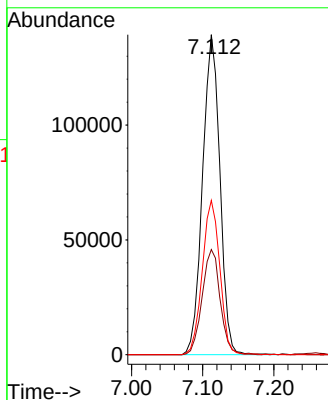
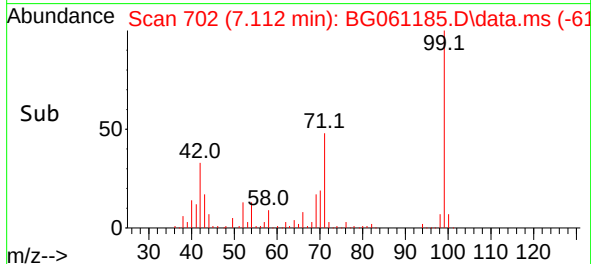
Instrument :
BNA_G
ClientSampleId :
PB160877BS



Tgt Ion: 99 Resp: 23713
Ion Ratio Lower Upper
99 100
42 32.9 29.2 43.8
71 48.2 39.7 59.5

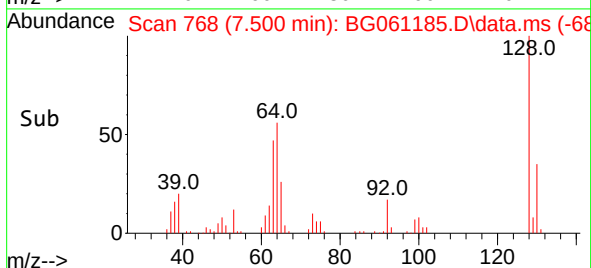
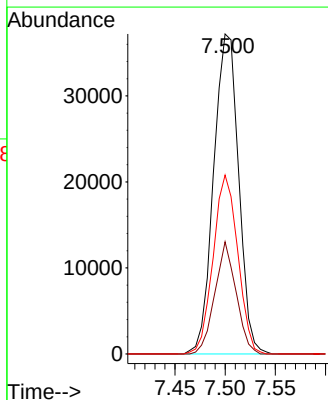
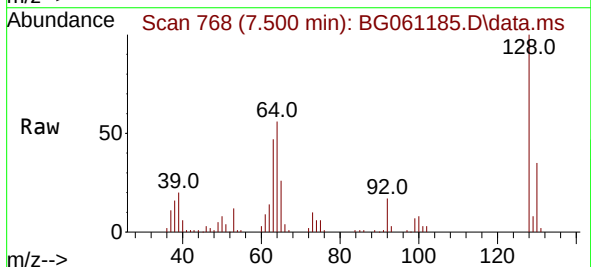
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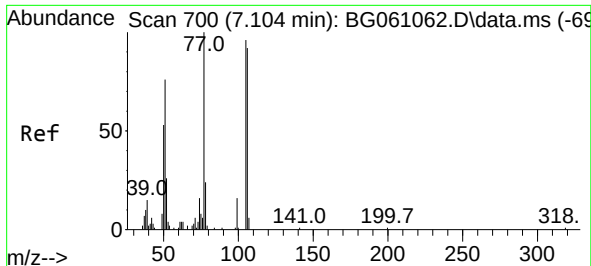
Reviewed By :Jagrut Upadhyay 05/15/2024
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#8
2-Chlorophenol
Concen: 49.321 ng
RT: 7.500 min Scan# 768
Delta R.T. -0.033 min
Lab File: BG061185.D
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Tgt Ion:128 Resp: 64259
Ion Ratio Lower Upper
128 100
130 35.1 14.1 54.1
64 55.9 34.8 74.8





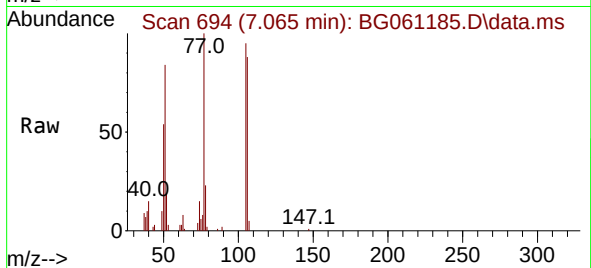
#9
Benzaldehyde
Concen: 28.277 ng
RT: 7.065 min Scan# 694
Delta R.T. -0.039 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

PB160877BS

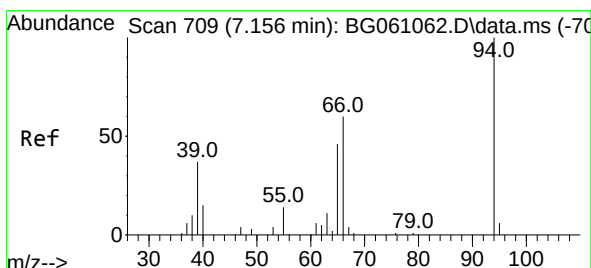
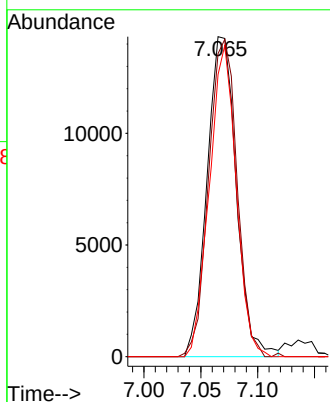
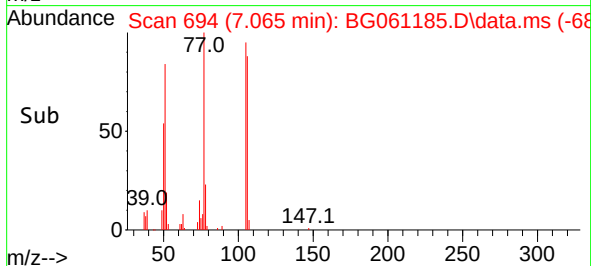


Tgt Ion: 77 Resp: 2560
Ion Ratio Lower Upper
77 100
105 94.7 76.0 116.0
106 88.2 72.3 112.3

Manual Integrations

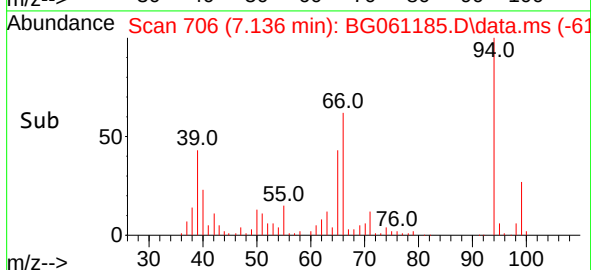
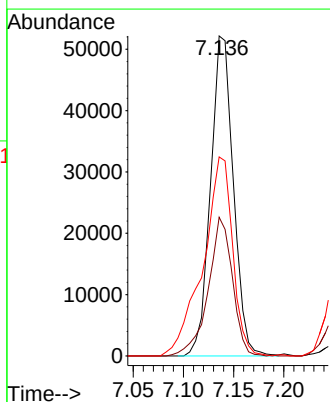
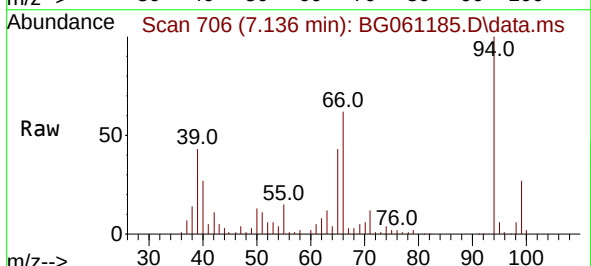
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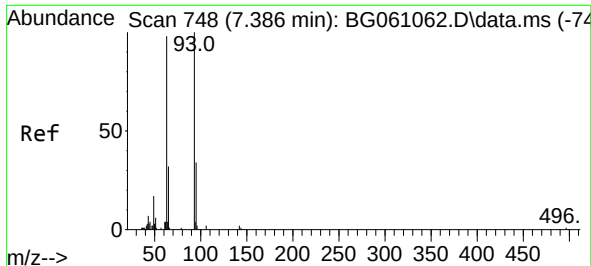
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#10
Phenol
Concen: 51.453 ng
RT: 7.136 min Scan# 706
Delta R.T. -0.021 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

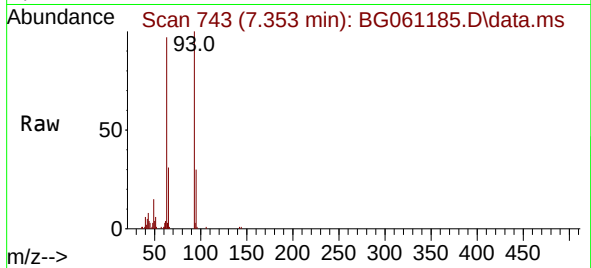
Tgt Ion: 94 Resp: 82204
Ion Ratio Lower Upper
94 100
65 43.4 26.8 66.8
66 62.2 44.7 84.7





#11
bis(2-Chloroethyl)ether
Concen: 46.039 ng
RT: 7.353 min Scan# 748
Delta R.T. -0.033 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

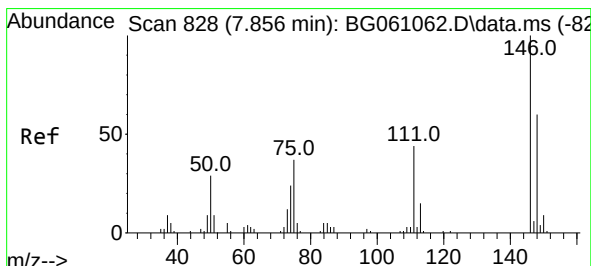
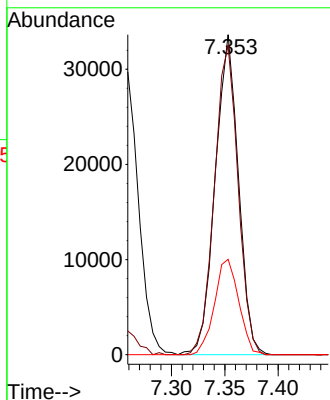
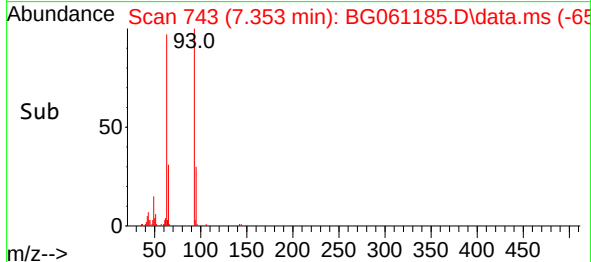
Instrument :
BNA_G
ClientSampleId :
PB160877BS



Tgt Ion: 93 Resp: 5081
Ion Ratio Lower Upper
93 100
63 96.6 76.8 116.8
95 29.8 13.6 53.6

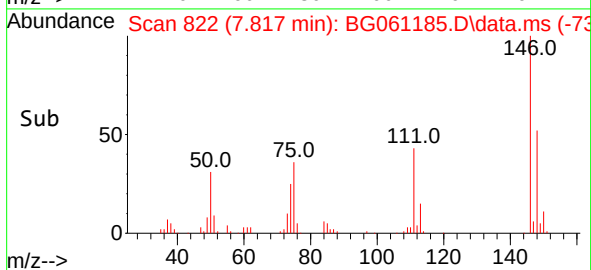
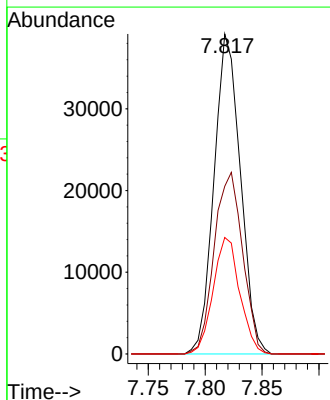
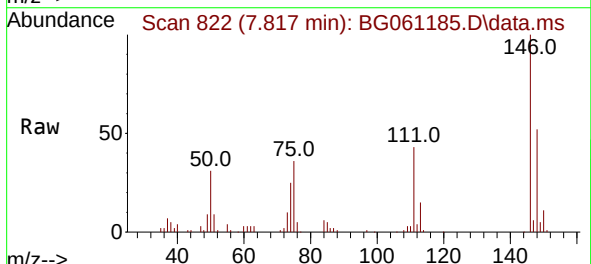
Manual Integrations
APPROVED

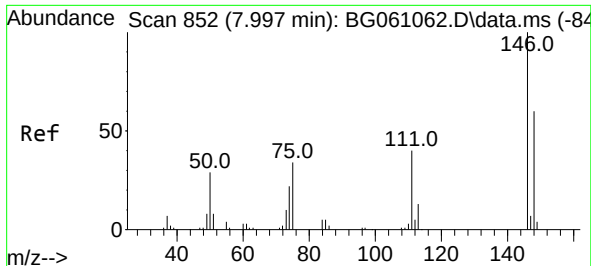
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#12
1,3-Dichlorobenzene
Concen: 41.135 ng
RT: 7.817 min Scan# 822
Delta R.T. -0.038 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Tgt Ion:146 Resp: 63182
Ion Ratio Lower Upper
146 100
148 52.4 48.0 72.0
75 36.4 29.5 44.3





#13

1,4-Dichlorobenzene

Concen: 40.809 ng

RT: 7.964 min Scan# 84

Delta R.T. -0.033 min

Lab File: BG061185.D

Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

PB160877BS

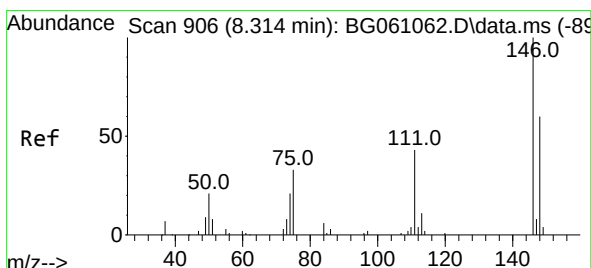
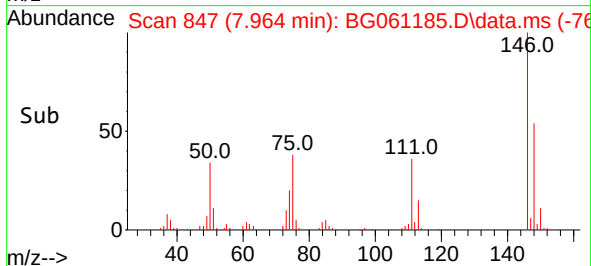
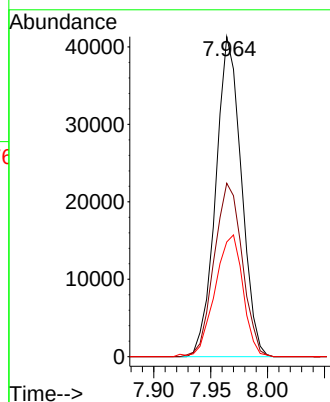
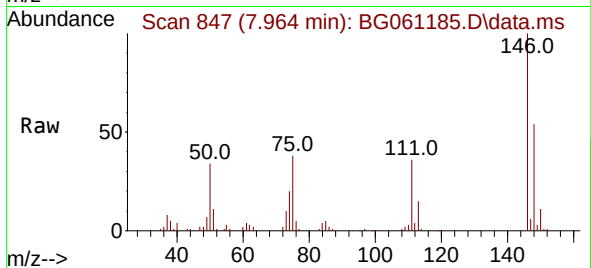
Tgt Ion:146 Resp: 6478

Ion	Ratio	Lower	Upper
146	100		
148	54.2	48.1	72.1
111	35.9	32.5	48.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#14

1,2-Dichlorobenzene

Concen: 38.507 ng

RT: 8.281 min Scan# 901

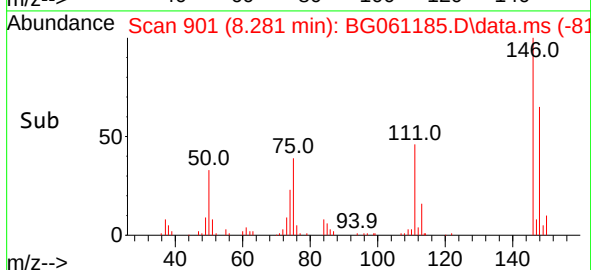
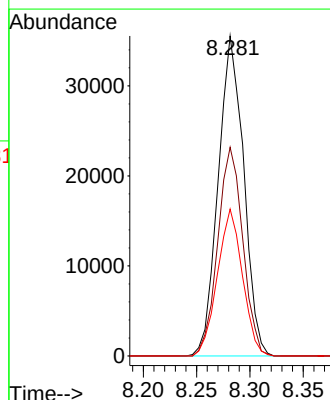
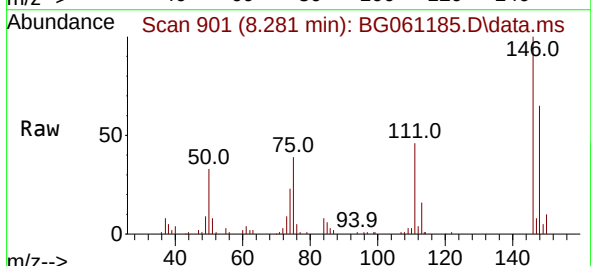
Delta R.T. -0.033 min

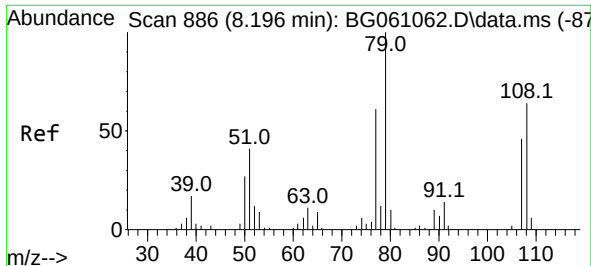
Lab File: BG061185.D

Acq: 14 May 2024 11:16

Tgt Ion:146 Resp: 58975

Ion	Ratio	Lower	Upper
146	100		
148	65.2	48.2	72.2
111	45.9	36.2	54.2





#15
Benzyl Alcohol
Concen: 42.559 ng
RT: 8.170 min Scan# 81
Delta R.T. -0.027 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

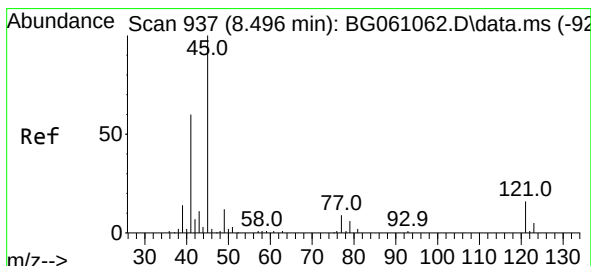
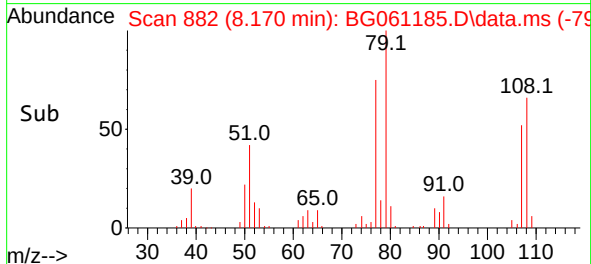
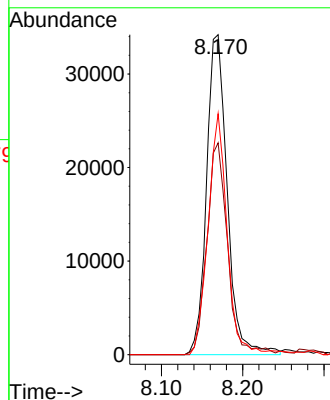
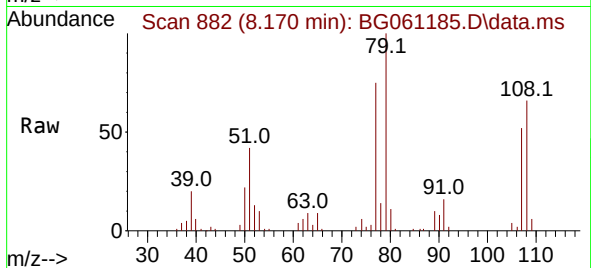
PB160877BS

Tgt Ion: 79 Resp: 60314
Ion Ratio Lower Upper
79 100
108 66.2 51.1 76.7
77 75.3 49.0 73.6

Manual Integrations

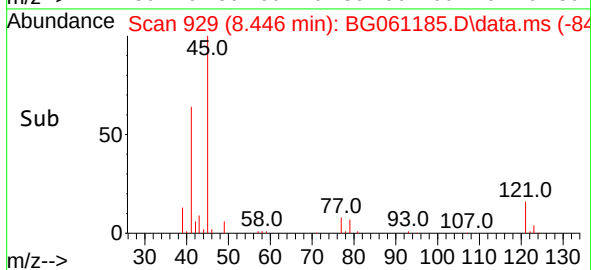
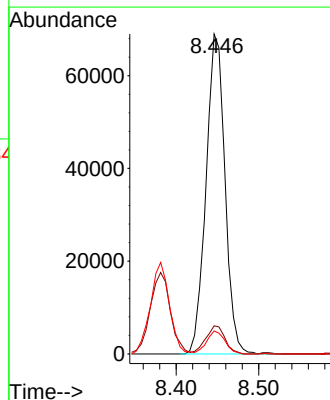
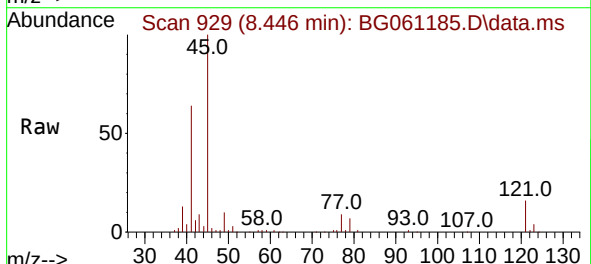
APPROVED

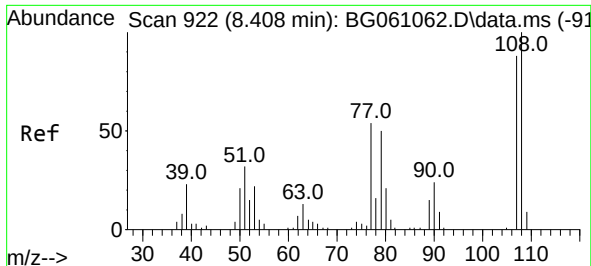
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.897 ng m
RT: 8.446 min Scan# 929
Delta R.T. -0.050 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Tgt Ion: 45 Resp: 109920
Ion Ratio Lower Upper
45 100
77 8.8 0.0 30.2
79 7.2 0.0 26.5





#17
2-Methylphenol
Concen: 44.837 ng
RT: 8.381 min Scan# 91
Delta R.T. -0.027 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

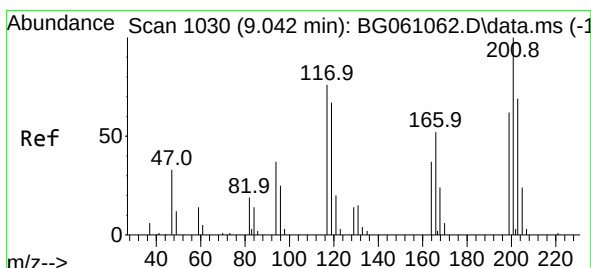
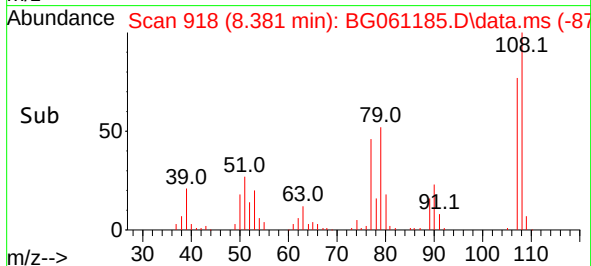
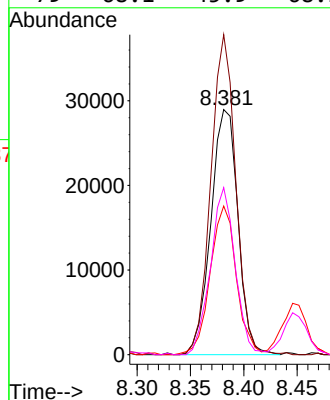
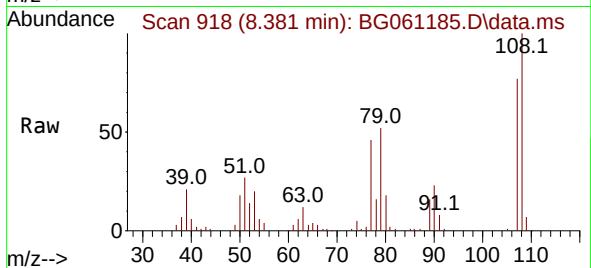
PB160877BS

Tgt Ion:107 Resp: 51049
Ion Ratio Lower Upper
107 100
108 130.5 91.4 137.2
77 60.6 49.4 74.2
79 68.1 45.9 68.9

Manual Integrations

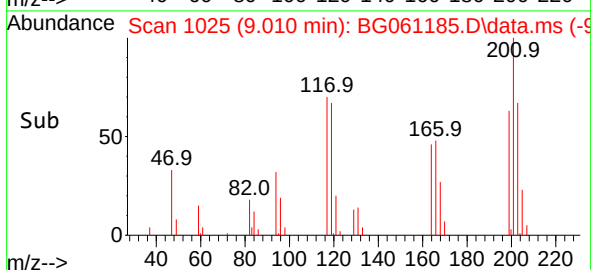
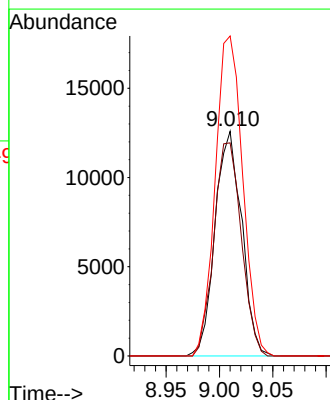
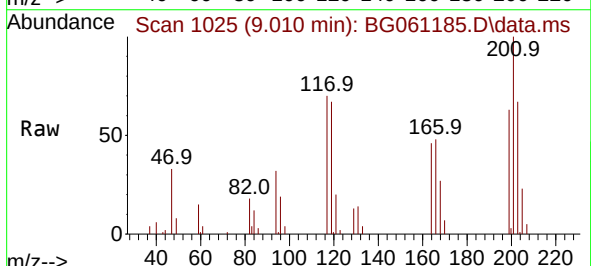
APPROVED

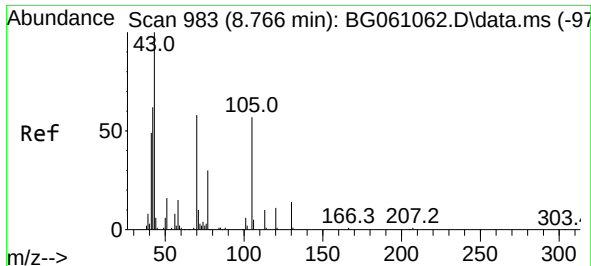
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#18
Hexachloroethane
Concen: 38.659 ng
RT: 9.010 min Scan# 1025
Delta R.T. -0.033 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Tgt Ion:117 Resp: 21898
Ion Ratio Lower Upper
117 100
119 94.8 71.4 107.0
201 142.4 105.8 158.8





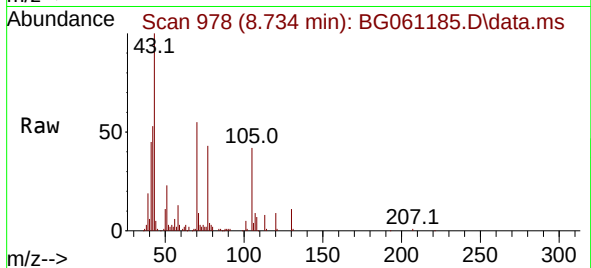
#19
n-Nitroso-di-n-propylamine
Concen: 38.205 ng
RT: 8.734 min Scan# 91
Delta R.T. -0.033 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

PB160877BS

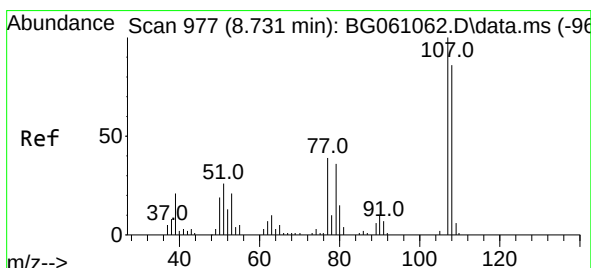
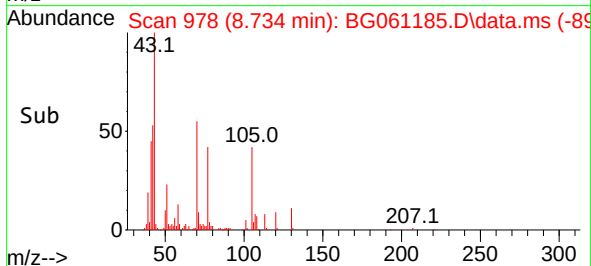
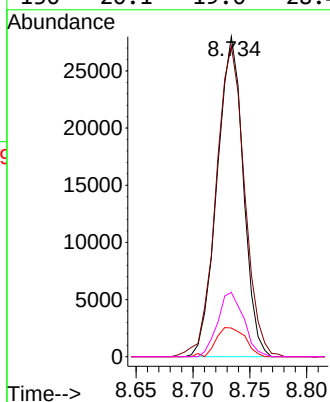


Tgt Ion: 70 Resp: 4491
Ion Ratio Lower Upper
70 100
42 97.2 86.4 129.6
101 8.9 7.8 11.8
130 20.1 19.0 28.4

Manual Integrations

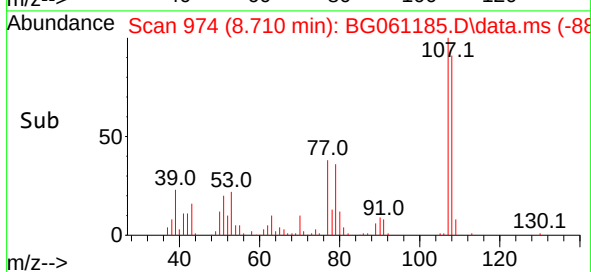
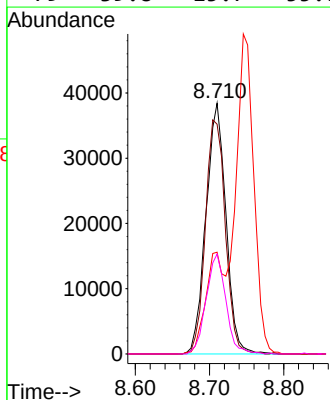
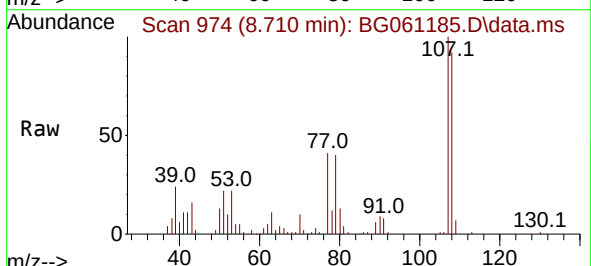
APPROVED

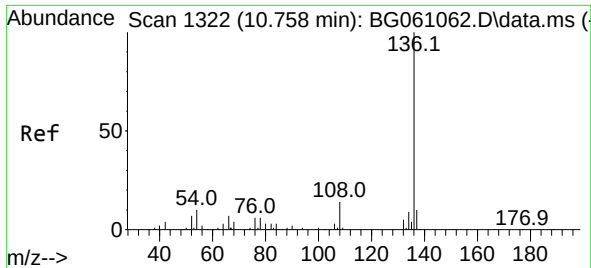
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#20
3+4-Methylphenols
Concen: 43.901 ng
RT: 8.710 min Scan# 974
Delta R.T. -0.021 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Tgt Ion:107 Resp: 72113
Ion Ratio Lower Upper
107 100
108 91.6 65.7 105.7
77 40.6 19.4 59.4
79 39.8 15.7 55.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 11
Delta R.T. -0.033 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Instrument :

BNA_G

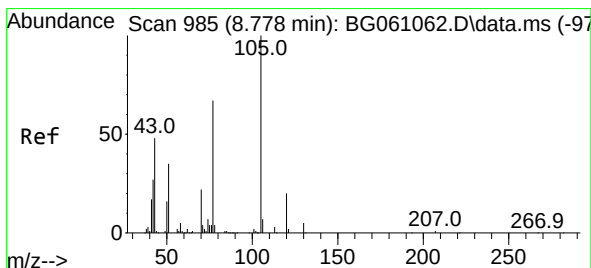
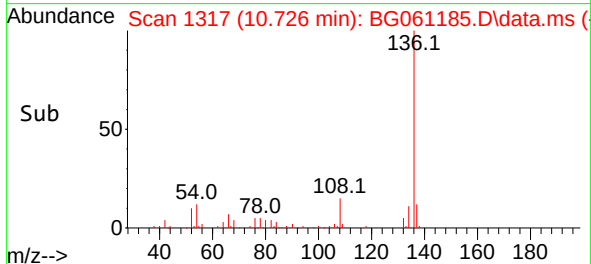
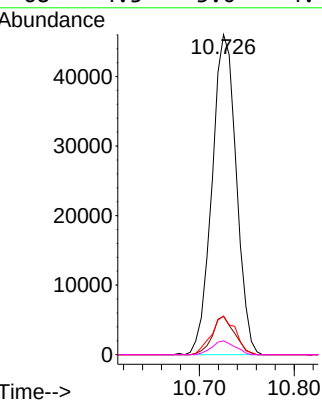
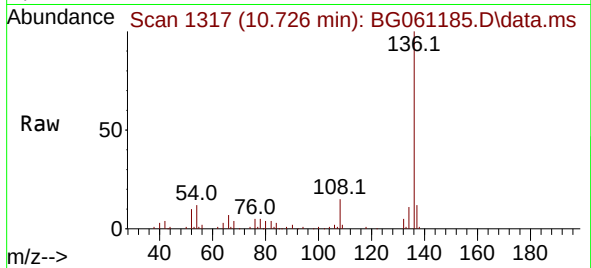
ClientSampleId :

PB160877BS

Tgt Ion:136 Resp: 8182
Ion Ratio Lower Upper
136 100
137 12.0 7.8 11.6
54 12.1 8.1 12.1
68 4.3 3.0 4.4

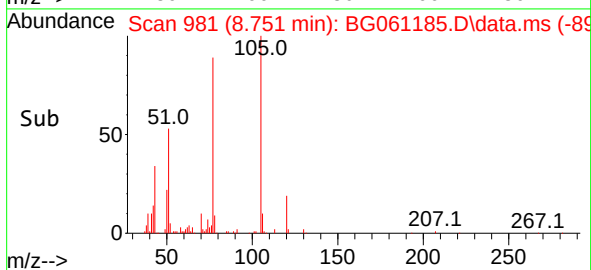
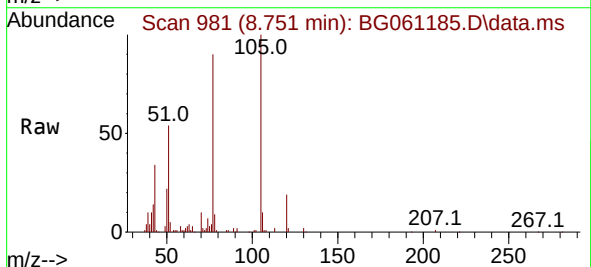
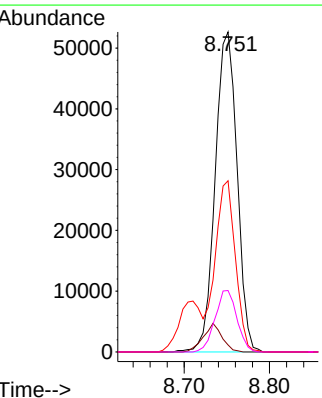
Manual Integrations
APPROVED

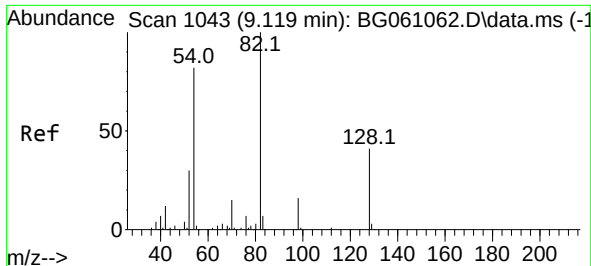
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#22
Acetophenone
Concen: 46.100 ng
RT: 8.751 min Scan# 981
Delta R.T. -0.027 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Tgt Ion:105 Resp: 93943
Ion Ratio Lower Upper
105 100
71 2.2 3.3 4.9#
51 53.5 36.7 55.1
120 19.2 15.7 23.5





#23

Nitrobenzene-d5

Concen: 88.019 ng

RT: 9.086 min Scan# 1038

Delta R.T. -0.033 min

Lab File: BG061185.D

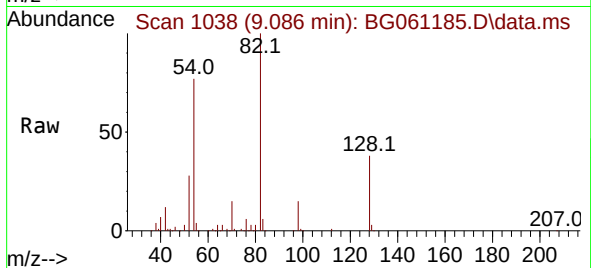
Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

PB160877BS

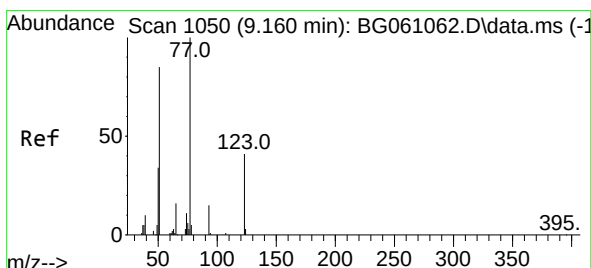
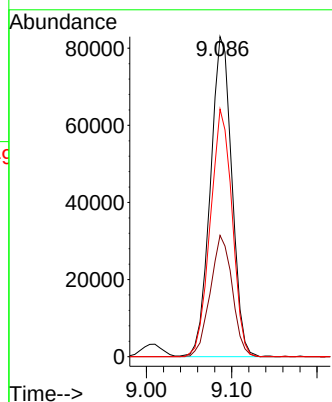
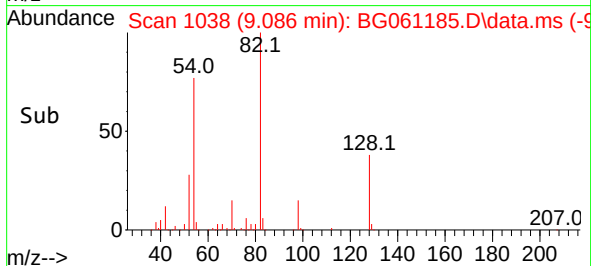


Tgt Ion:	82	Resp:	145289
Ion Ratio	Lower	Upper	
82	100		
128	37.9	32.7	49.1
54	77.3	65.6	98.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#24

Nitrobenzene

Concen: 45.349 ng

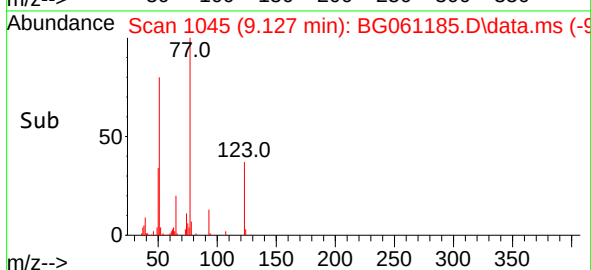
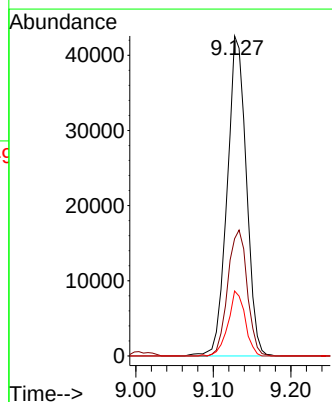
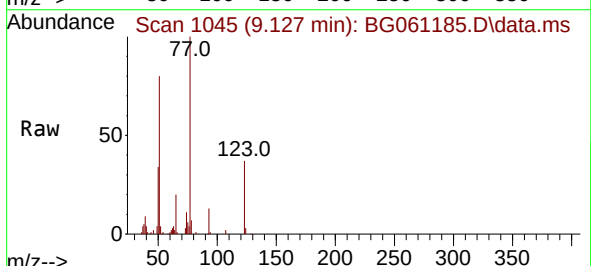
RT: 9.127 min Scan# 1045

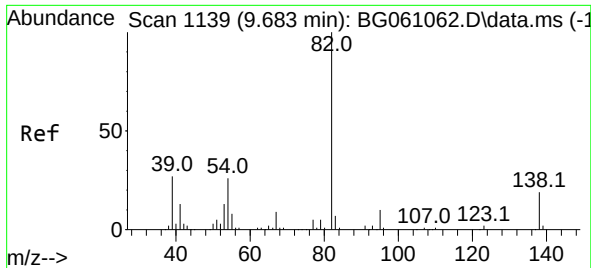
Delta R.T. -0.033 min

Lab File: BG061185.D

Acq: 14 May 2024 11:16

Tgt Ion:	77	Resp:	73229
Ion Ratio	Lower	Upper	
77	100		
123	36.6	33.1	49.7
65	20.3	13.1	19.7





#25
Isophorone
Concen: 42.059 ng
RT: 9.650 min Scan# 1134
Delta R.T. -0.033 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

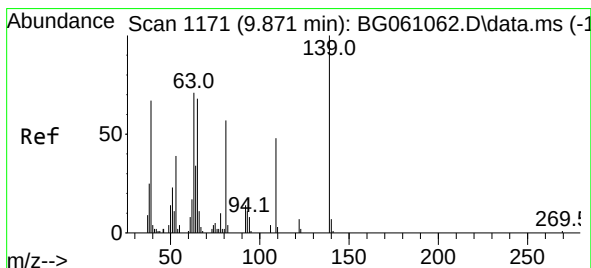
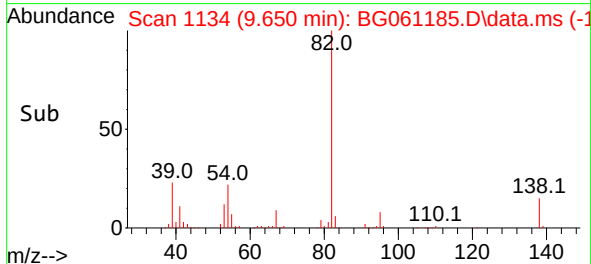
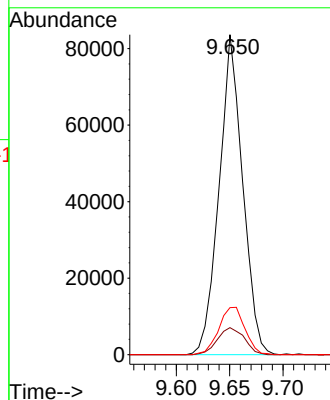
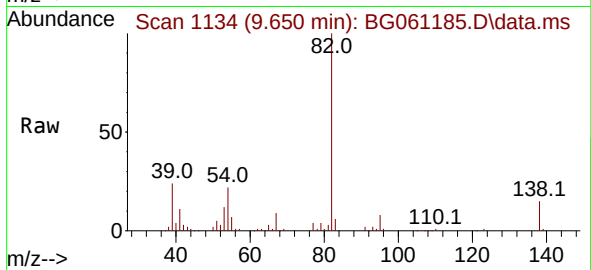
PB160877BS

Tgt Ion: 82 Resp: 12833
Ion Ratio Lower Upper
82 100
95 8.4 8.3 12.5
138 14.7 15.2 22.8

Manual Integrations

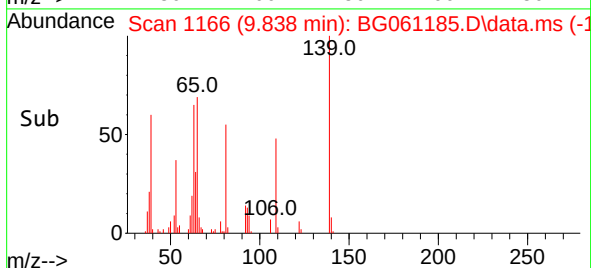
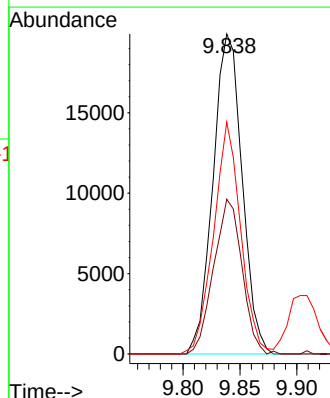
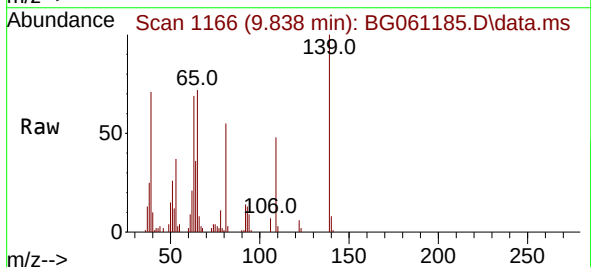
APPROVED

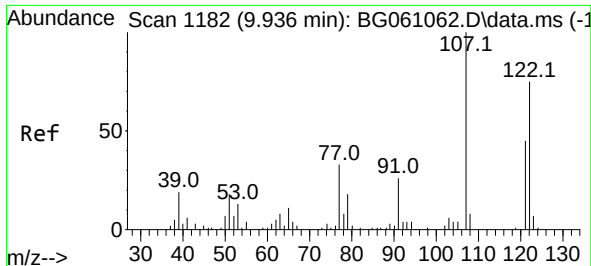
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#26
2-Nitrophenol
Concen: 46.273 ng
RT: 9.838 min Scan# 1166
Delta R.T. -0.033 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Tgt Ion:139 Resp: 35402
Ion Ratio Lower Upper
139 100
109 48.4 38.5 57.7
65 72.4 54.5 81.7





#27

2,4-Dimethylphenol

Concen: 49.839 ng

RT: 9.909 min Scan# 1182

Delta R.T. -0.027 min

Lab File: BG061185.D

Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

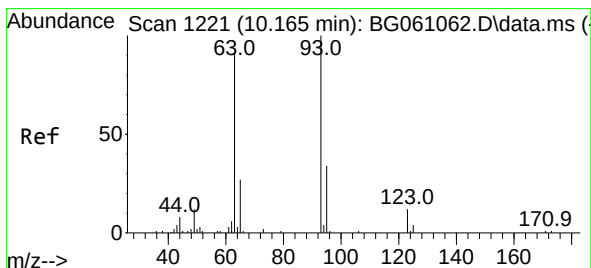
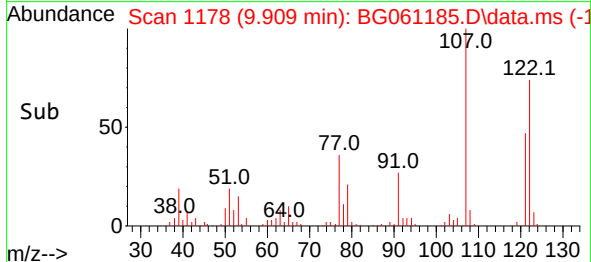
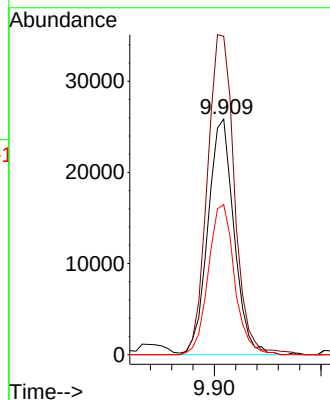
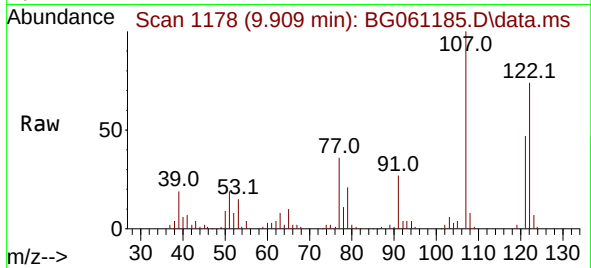
PB160877BS

Tgt Ion:122 Resp: 4396
 Ion Ratio Lower Upper
 122 100
 107 135.2 106.9 160.3
 121 63.7 48.5 72.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
 Supervised By :mohammad ahmed 05/17/2024



#28

bis(2-Chloroethoxy)methane

Concen: 45.634 ng

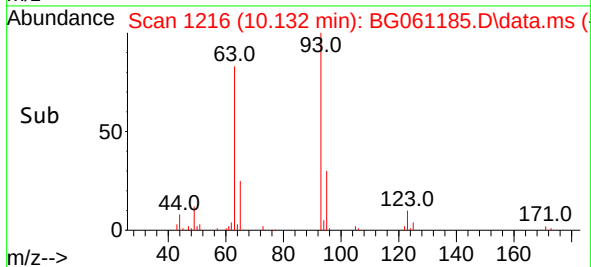
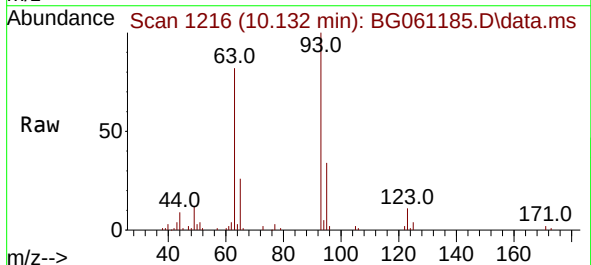
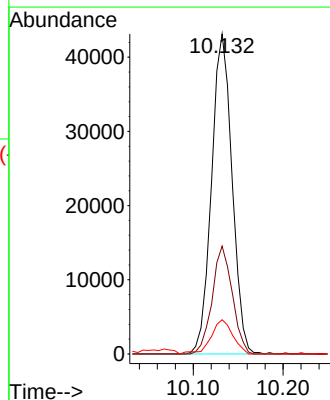
RT: 10.132 min Scan# 1216

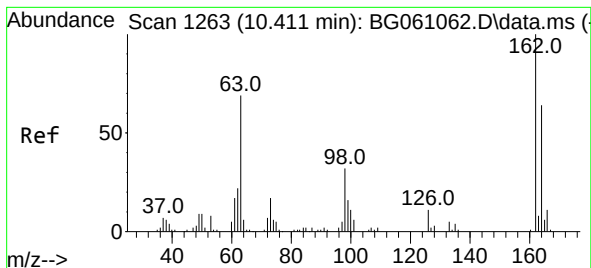
Delta R.T. -0.033 min

Lab File: BG061185.D

Acq: 14 May 2024 11:16

Tgt Ion: 93 Resp: 68337
 Ion Ratio Lower Upper
 93 100
 95 33.7 27.4 41.0
 123 10.7 9.7 14.5





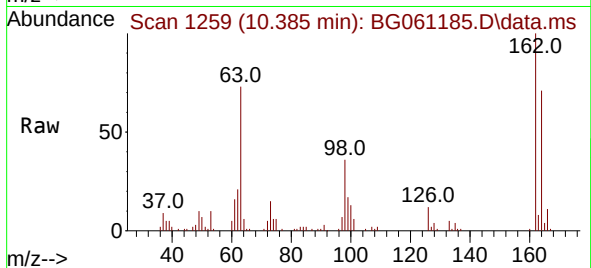
#29
2,4-Dichlorophenol
Concen: 46.877 ng
RT: 10.385 min Scan# 1259
Delta R.T. -0.027 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

PB160877BS

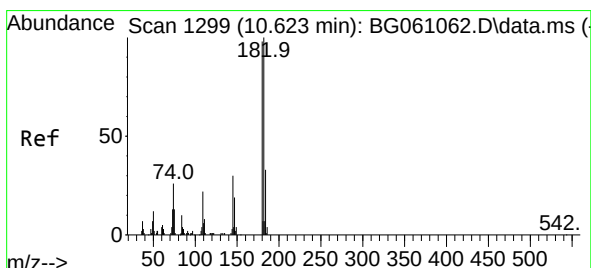
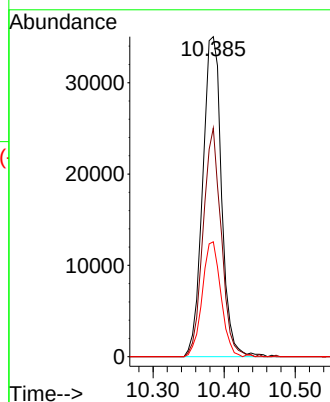
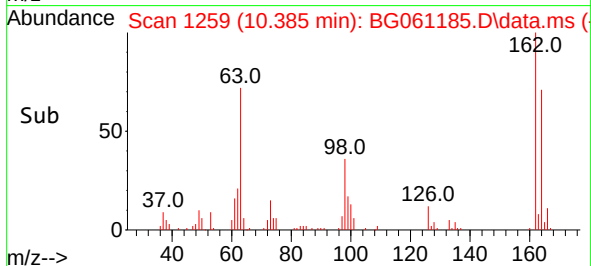


Tgt Ion:162 Resp: 64780
Ion Ratio Lower Upper
162 100
164 71.4 43.6 83.6
98 35.9 12.3 52.3

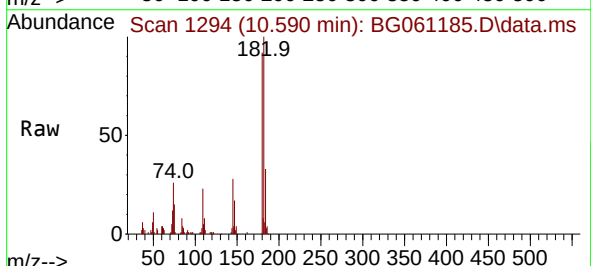
Manual Integrations

APPROVED

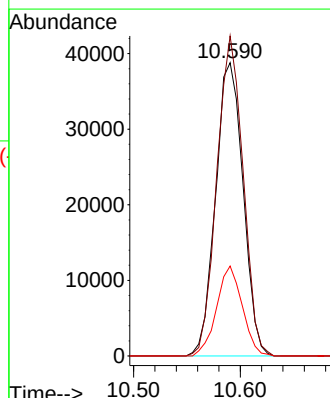
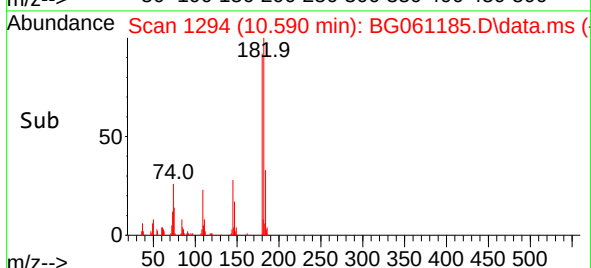
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

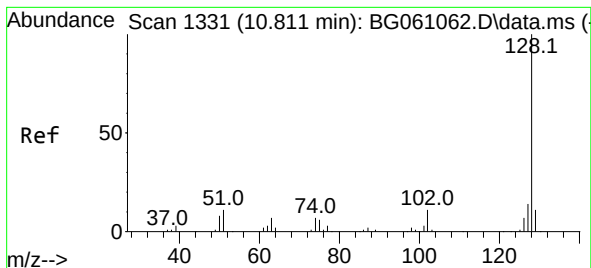


#30
1,2,4-Trichlorobenzene
Concen: 41.743 ng
RT: 10.590 min Scan# 1294
Delta R.T. -0.033 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16



Tgt Ion:180 Resp: 69512
Ion Ratio Lower Upper
180 100
182 109.1 81.7 122.5
145 30.7 24.5 36.7





#31

Naphthalene

Concen: 42.471 ng

RT: 10.778 min Scan# 11

Delta R.T. -0.033 min

Lab File: BG061185.D

Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

PB160877BS

Tgt Ion:128 Resp: 18061

Ion Ratio Lower Upper

128 100

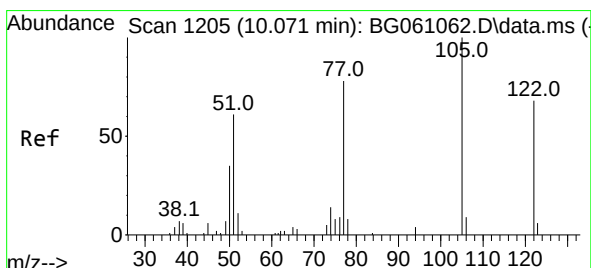
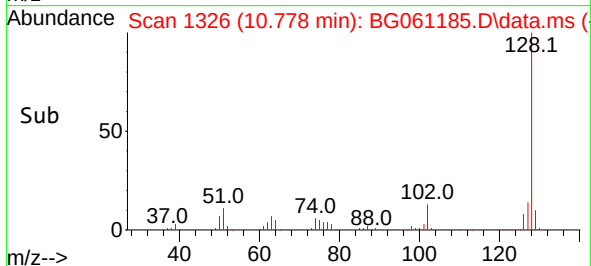
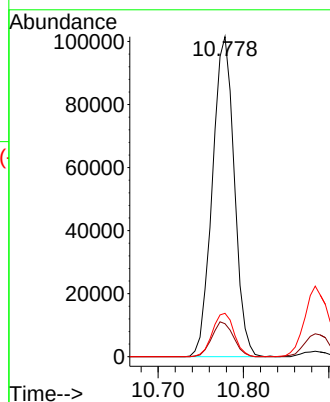
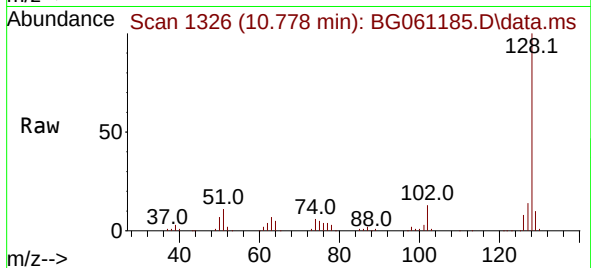
129 10.3 8.9 13.3

127 13.5 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#32

Benzoic acid

Concen: 28.626 ng m

RT: 10.067 min Scan# 1205

Delta R.T. -0.003 min

Lab File: BG061185.D

Acq: 14 May 2024 11:16

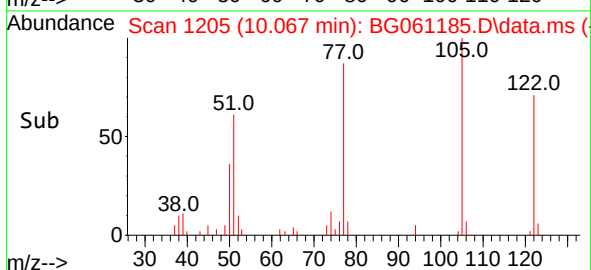
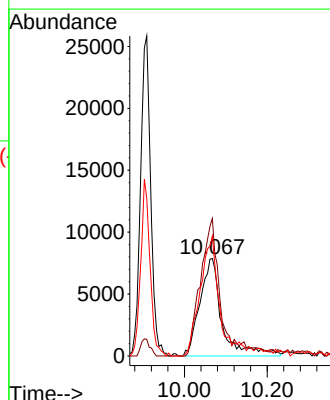
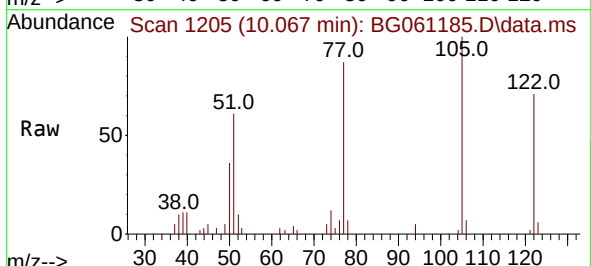
Tgt Ion:122 Resp: 29189

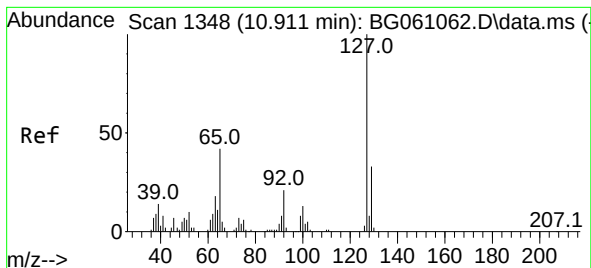
Ion Ratio Lower Upper

122 100

105 141.1 123.3 163.3

77 123.1 93.2 133.2





#33
4-Chloroaniline
Concen: 27.631 ng m
RT: 10.884 min Scan# 11
Delta R.T. -0.027 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

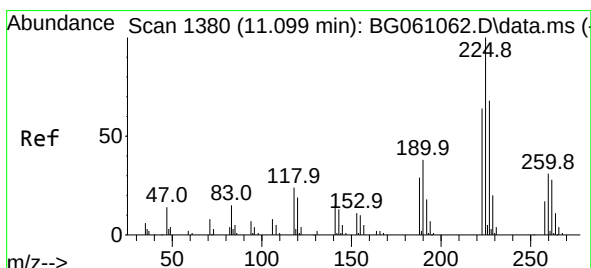
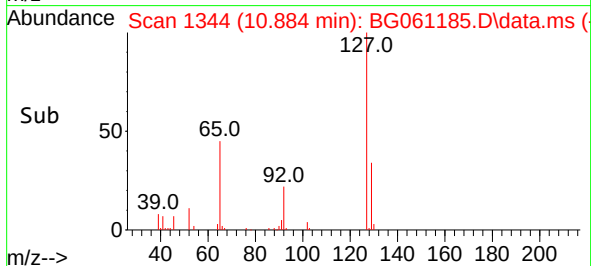
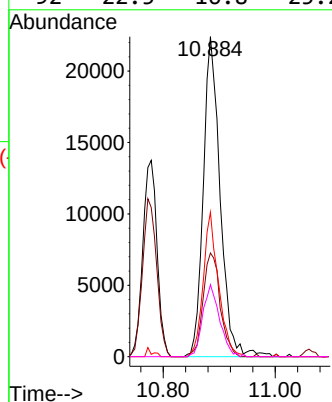
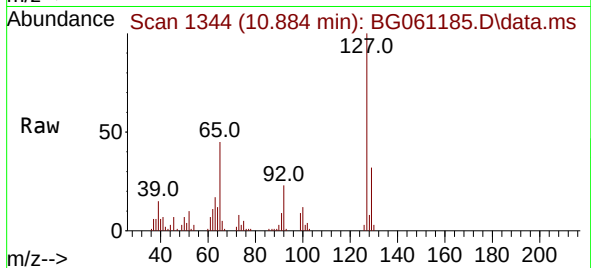
PB160877BS

Tgt Ion:	127	Resp:	4686
Ion Ratio	Lower	Upper	
127	100		
129	32.4	26.6	39.8
65	45.2	33.6	50.4
92	22.5	16.8	25.2

Manual Integrations

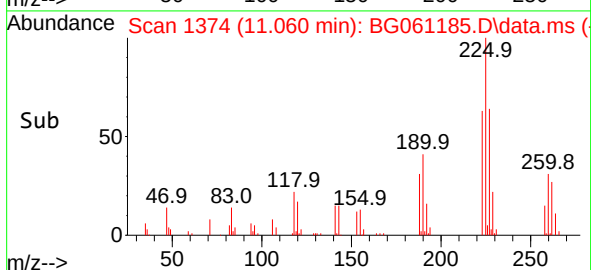
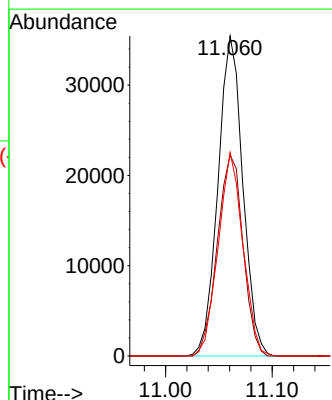
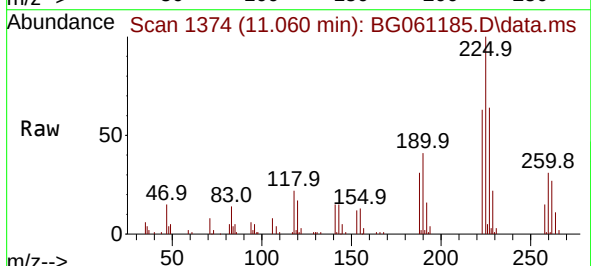
APPROVED

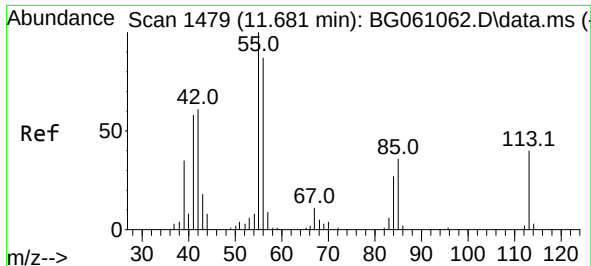
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#34
Hexachlorobutadiene
Concen: 40.116 ng
RT: 11.060 min Scan# 1374
Delta R.T. -0.038 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Tgt Ion:	225	Resp:	57320
Ion Ratio	Lower	Upper	
225	100		
223	62.9	51.0	76.4
227	63.6	54.6	82.0





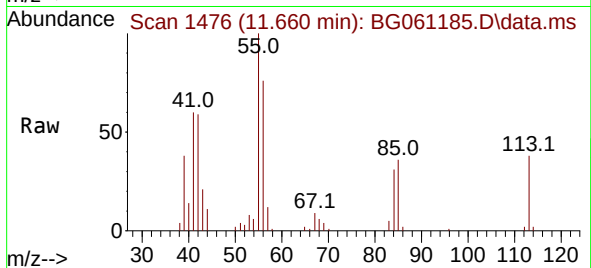
#35
Caprolactam
Concen: 41.322 ng m
RT: 11.660 min Scan# 1479
Delta R.T. -0.021 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

PB160877BS

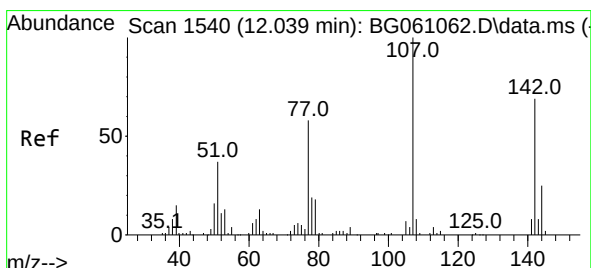
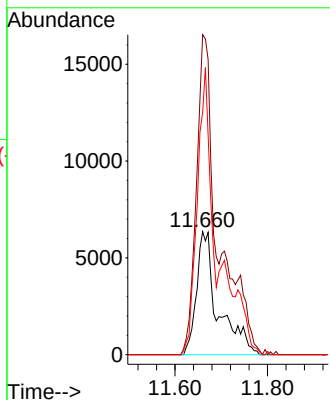
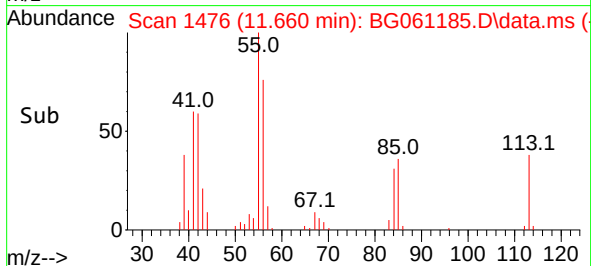


Tgt Ion:113 Resp: 20560
Ion Ratio Lower Upper
113 100
55 260.0 227.6 267.6
56 197.1 195.1 235.1

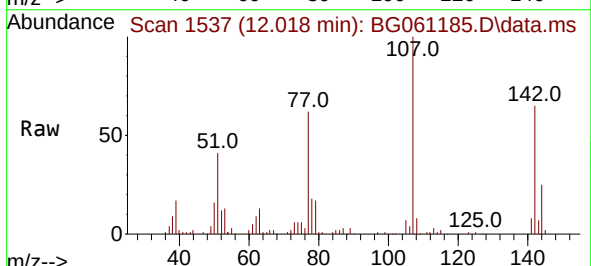
Manual Integrations

APPROVED

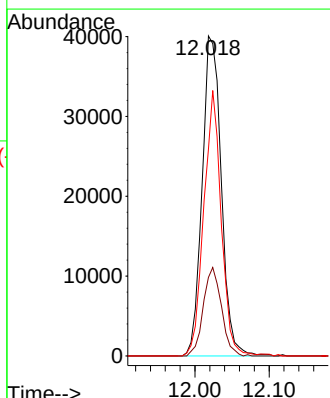
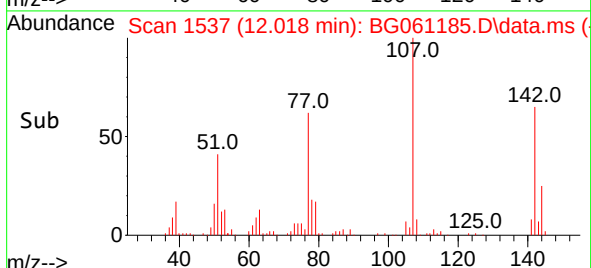
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

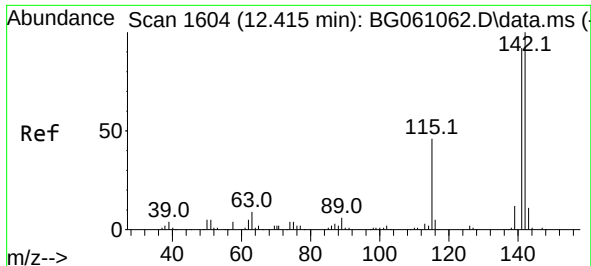


#36
4-Chloro-3-methylphenol
Concen: 43.141 ng
RT: 12.018 min Scan# 1537
Delta R.T. -0.021 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16



Tgt Ion:107 Resp: 71895
Ion Ratio Lower Upper
107 100
144 24.6 20.2 30.4
142 64.6 55.6 83.4





#37
2-Methylnaphthalene
Concen: 42.569 ng
RT: 12.382 min Scan# 11
Delta R.T. -0.033 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

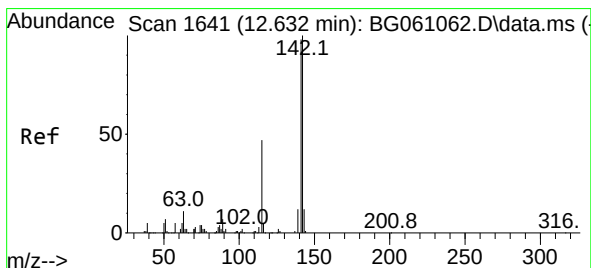
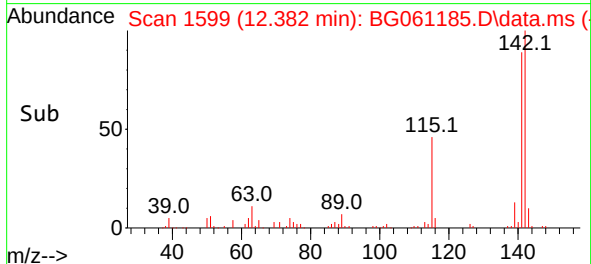
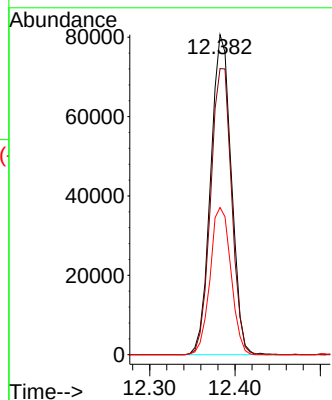
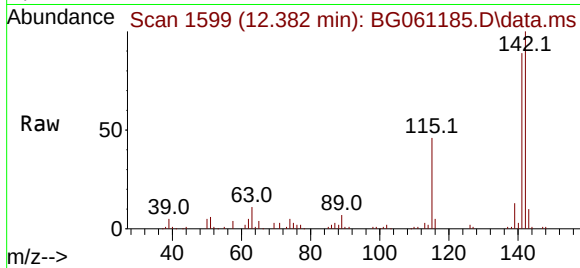
PB160877BS

Tgt Ion:142 Resp: 135659
Ion Ratio Lower Upper
142 100
141 89.4 73.8 110.8
115 46.0 36.9 55.3

Manual Integrations

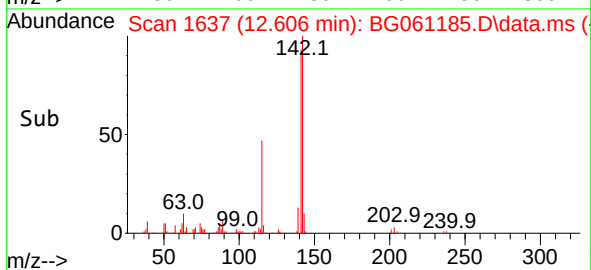
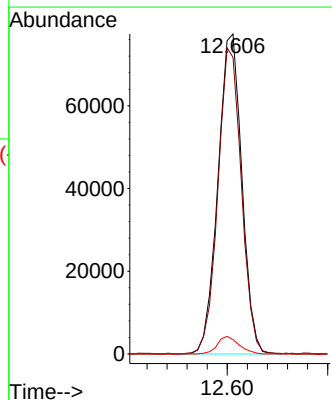
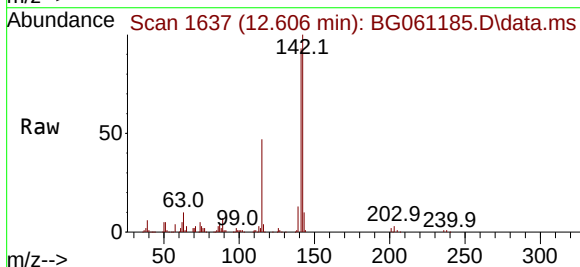
APPROVED

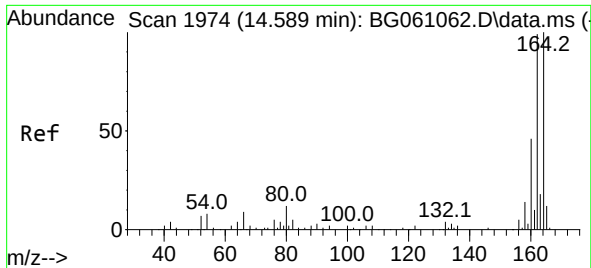
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#38
1-Methylnaphthalene
Concen: 39.792 ng
RT: 12.606 min Scan# 1637
Delta R.T. -0.027 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Tgt Ion:142 Resp: 127663
Ion Ratio Lower Upper
142 100
141 92.7 78.4 117.6
116 4.5 4.3 6.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.562 min Scan# 1974
Delta R.T. -0.027 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

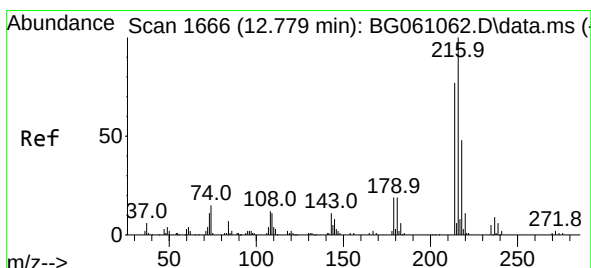
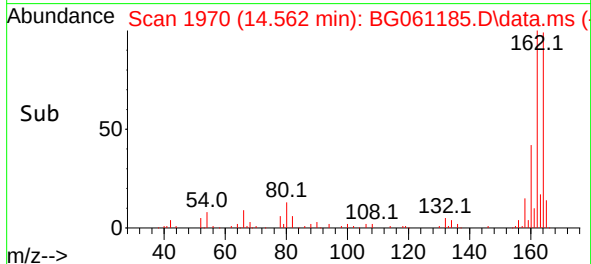
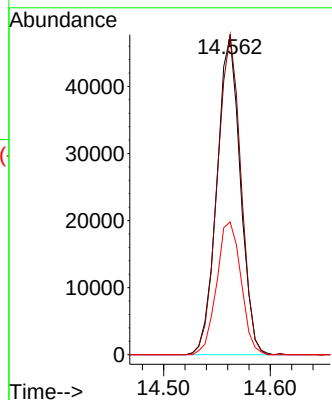
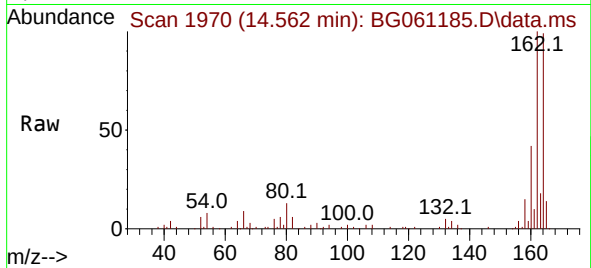
PB160877BS

Tgt Ion:164 Resp: 7250
Ion Ratio Lower Upper
164 100
162 100.7 79.4 119.2
160 41.8 37.0 55.6

Manual Integrations

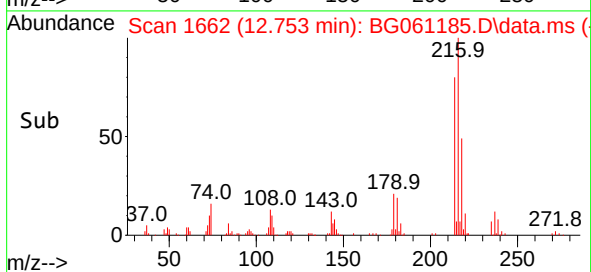
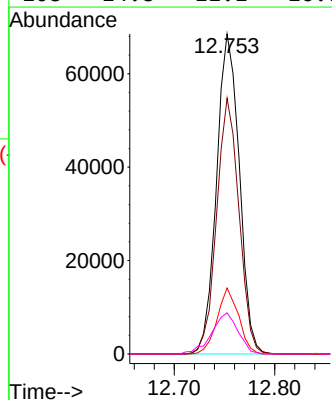
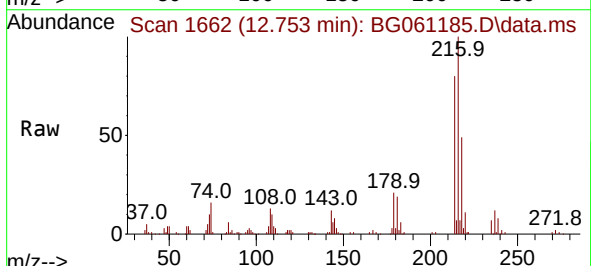
APPROVED

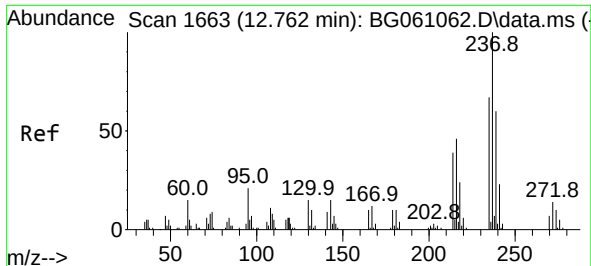
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.490 ng
RT: 12.753 min Scan# 1662
Delta R.T. -0.027 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

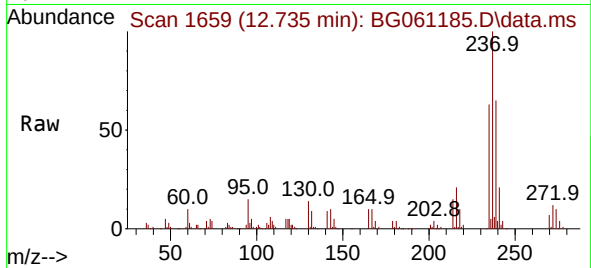
Tgt Ion:216 Resp: 107647
Ion Ratio Lower Upper
216 100
214 78.4 64.2 96.2
179 19.4 15.4 23.2
108 14.8 11.1 16.7





#41
Hexachlorocyclopentadiene
Concen: 105.981 ng
RT: 12.735 min Scan# 1659
Delta R.T. -0.027 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

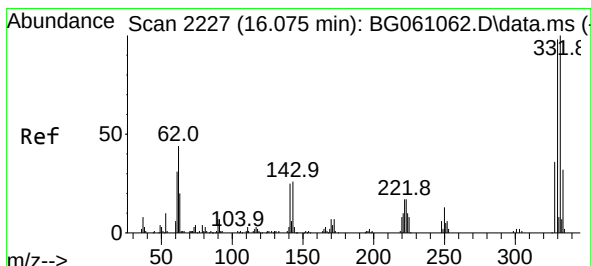
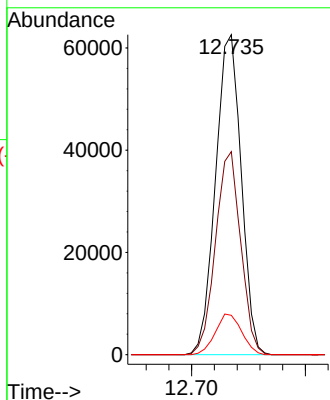
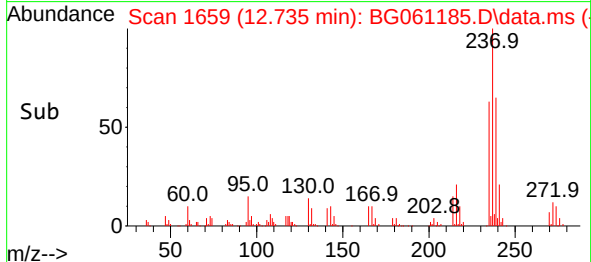
Instrument :
BNA_G
ClientSampleId :
PB160877BS



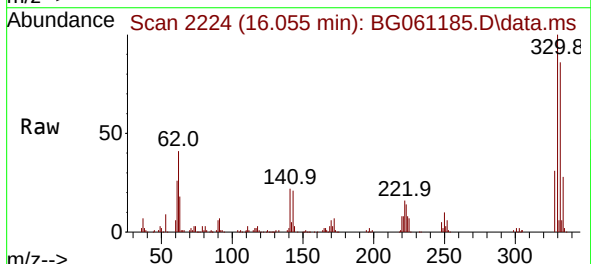
Tgt Ion: 237 Resp: 9816
Ion Ratio Lower Upper
237 100
235 63.5 46.5 86.5
272 12.3 0.0 33.9

Manual Integrations
APPROVED

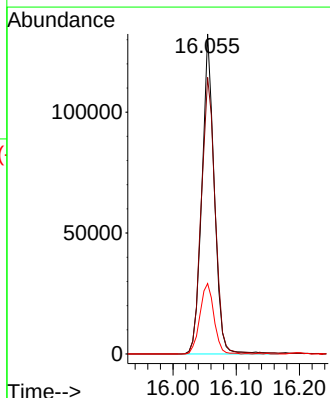
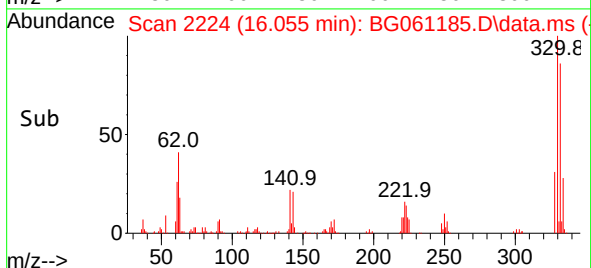
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

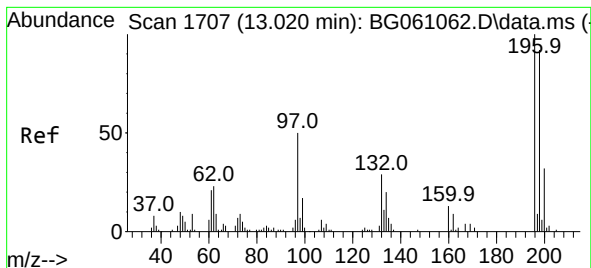


#42
2,4,6-Tribromophenol
Concen: 123.709 ng
RT: 16.055 min Scan# 2224
Delta R.T. -0.021 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16



Tgt Ion: 330 Resp: 179275
Ion Ratio Lower Upper
330 100
332 95.8 78.6 117.8
141 25.0 20.5 30.7





#43

2,4,6-Trichlorophenol

Concen: 43.685 ng

RT: 12.999 min Scan# 1

Delta R.T. -0.021 min

Lab File: BG061185.D

Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

PB160877BS

Tgt Ion:196 Resp: 6785

Ion Ratio Lower Upper

196 100

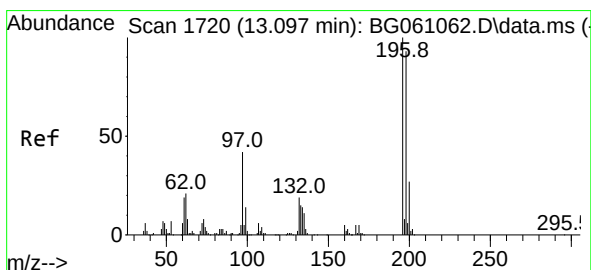
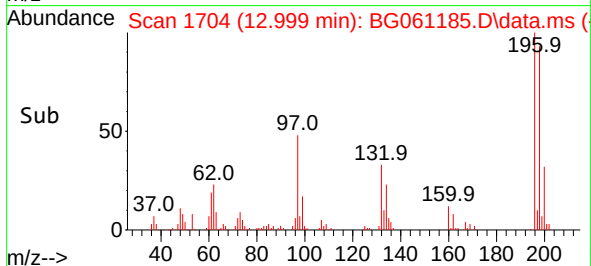
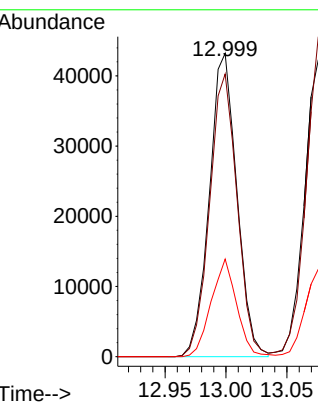
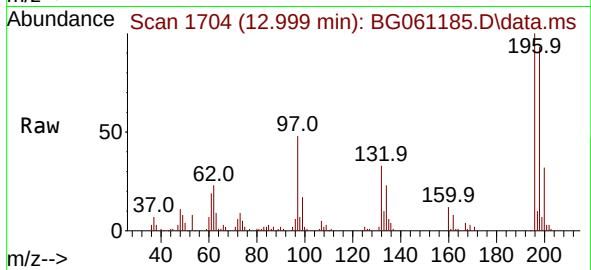
198 93.2 73.8 110.6

200 32.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#44

2,4,5-Trichlorophenol

Concen: 42.901 ng

RT: 13.076 min Scan# 1717

Delta R.T. -0.021 min

Lab File: BG061185.D

Acq: 14 May 2024 11:16

Tgt Ion:196 Resp: 75423

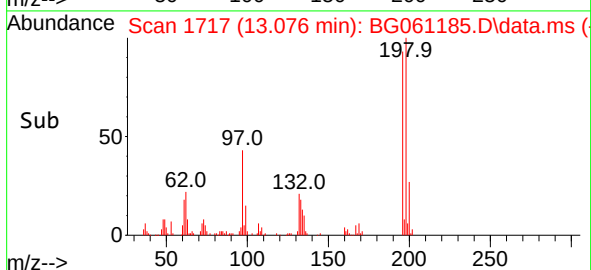
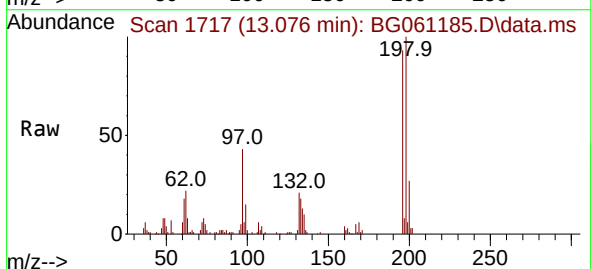
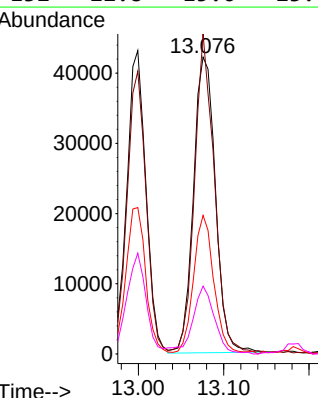
Ion Ratio Lower Upper

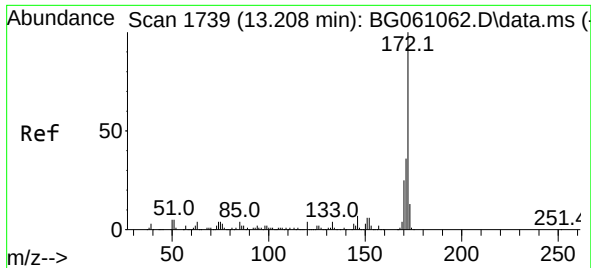
196 100

198 107.8 74.3 111.5

97 46.7 33.6 50.4

132 22.8 15.6 23.4





#45
2-Fluorobiphenyl
Concen: 82.941 ng
RT: 13.181 min Scan# 1735
Delta R.T. -0.027 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

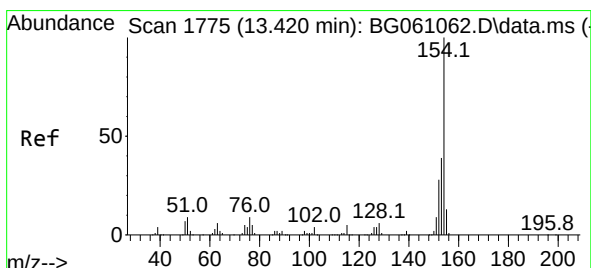
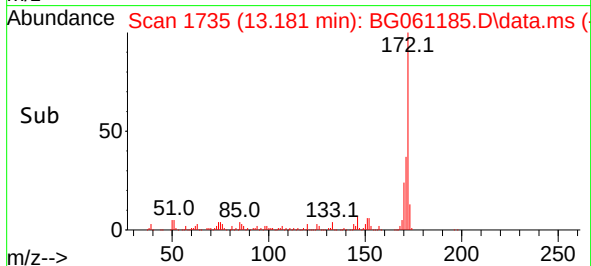
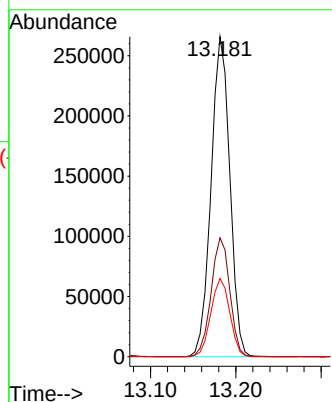
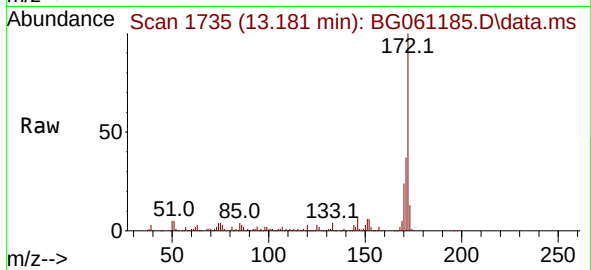
PB160877BS

Tgt Ion:172 Resp: 406659
Ion Ratio Lower Upper
172 100
171 37.1 29.0 43.6
170 24.4 20.2 30.4

Manual Integrations

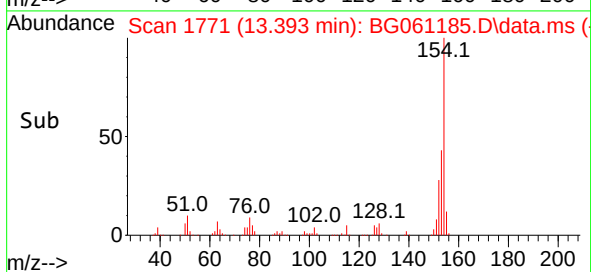
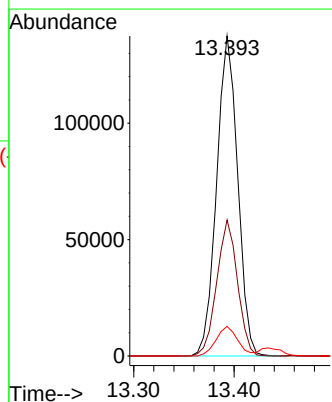
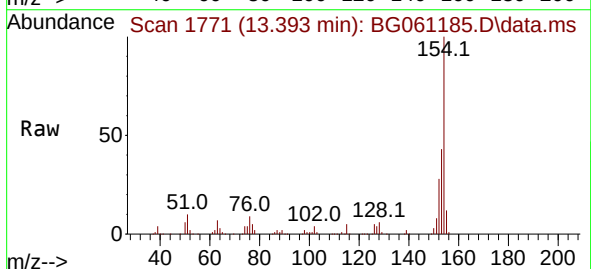
APPROVED

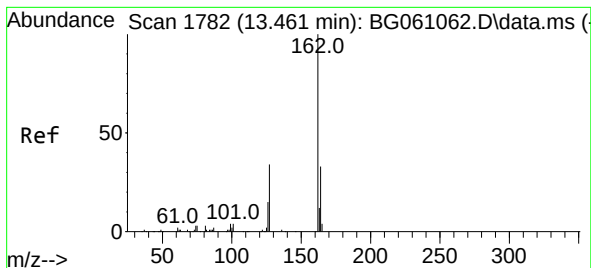
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#46
1,1'-Biphenyl
Concen: 42.973 ng
RT: 13.393 min Scan# 1771
Delta R.T. -0.027 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Tgt Ion:154 Resp: 199767
Ion Ratio Lower Upper
154 100
153 42.5 19.3 59.3
76 9.2 0.0 28.8





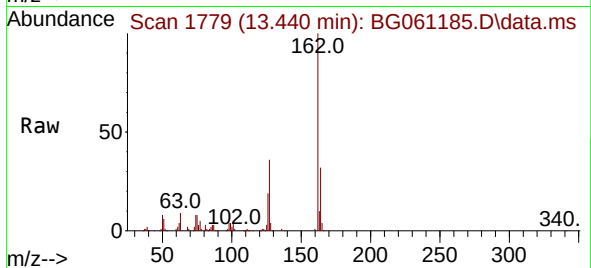
#47
2-Chloronaphthalene
Concen: 42.697 ng
RT: 13.440 min Scan# 11
Delta R.T. -0.021 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

PB160877BS

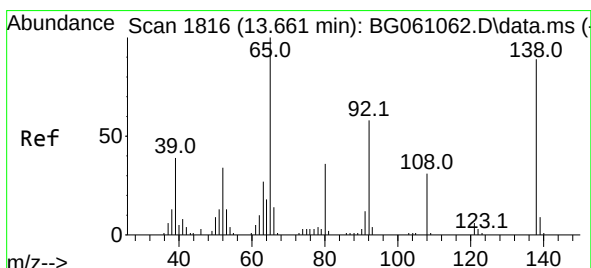
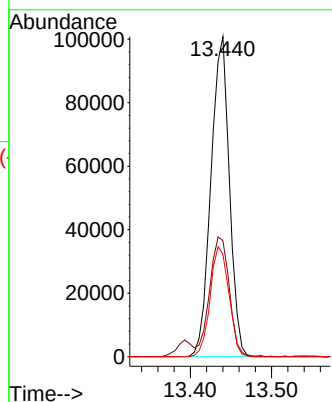
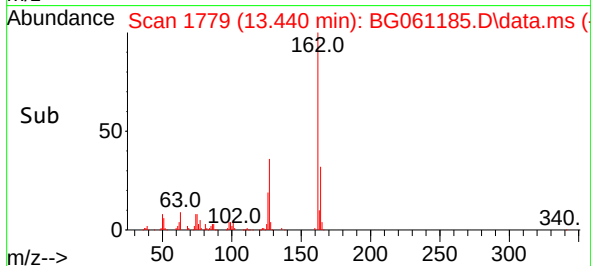


Tgt Ion:162 Resp: 158930
Ion Ratio Lower Upper
162 100
127 36.3 30.7 46.1
164 32.0 26.8 40.2

Manual Integrations

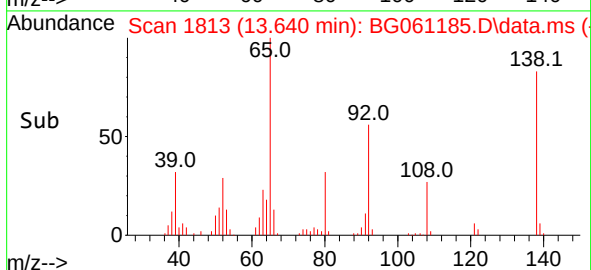
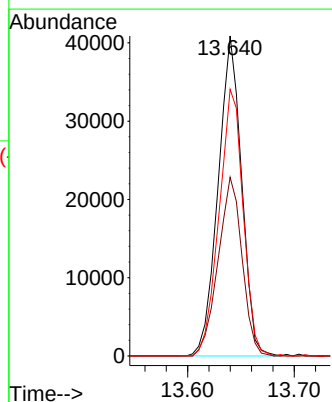
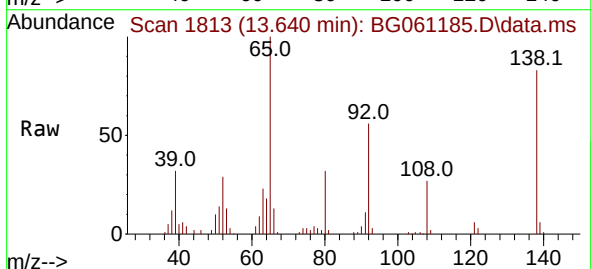
APPROVED

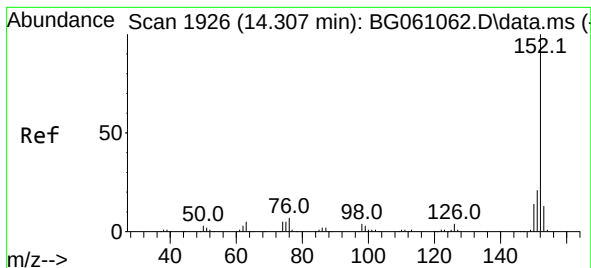
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#48
2-Nitroaniline
Concen: 45.142 ng
RT: 13.640 min Scan# 1813
Delta R.T. -0.021 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Tgt Ion: 65 Resp: 62355
Ion Ratio Lower Upper
65 100
92 55.8 46.7 70.1
138 83.3 71.4 107.2





#49

Acenaphthylene

Concen: 46.135 ng

RT: 14.280 min Scan# 1926

Delta R.T. -0.027 min

Lab File: BG061185.D

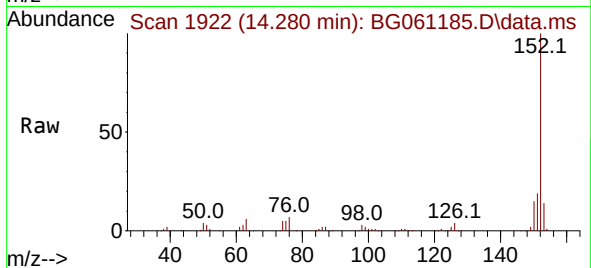
Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

PB160877BS



Tgt Ion:152 Resp: 263764

Ion Ratio Lower Upper

152 100

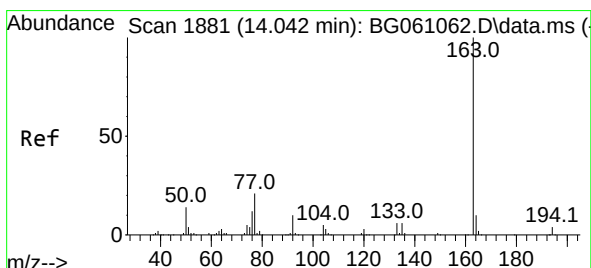
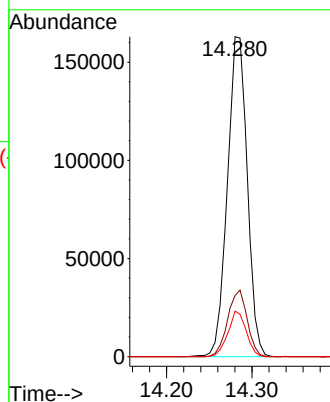
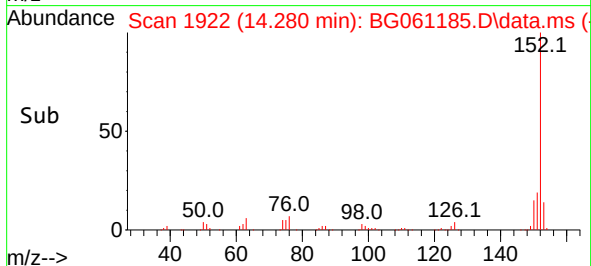
151 19.1 16.9 25.3

153 14.3 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#50

Dimethylphthalate

Concen: 41.543 ng

RT: 14.022 min Scan# 1878

Delta R.T. -0.021 min

Lab File: BG061185.D

Acq: 14 May 2024 11:16

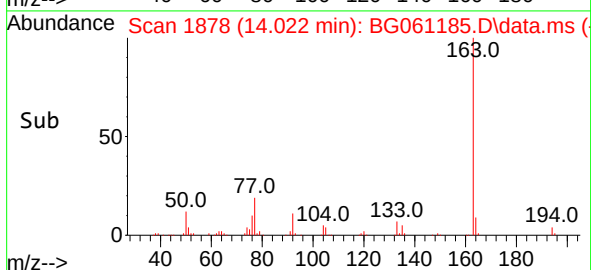
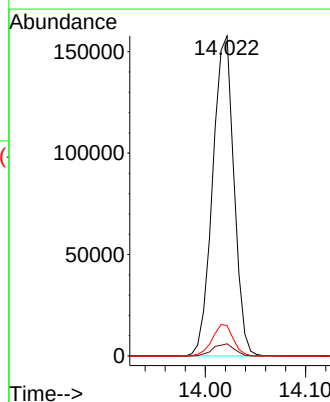
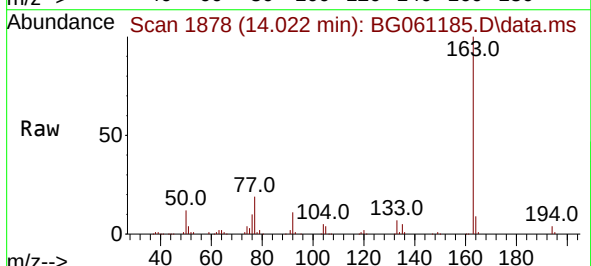
Tgt Ion:163 Resp: 232637

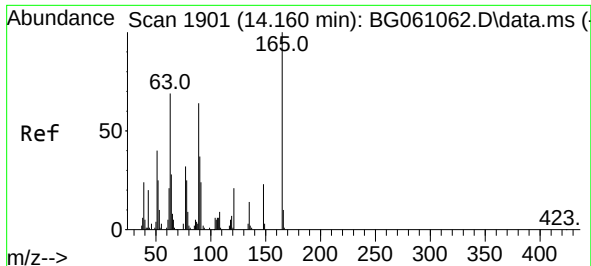
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 9.5 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 40.462 ng
RT: 14.139 min Scan# 1898
Delta R.T. -0.021 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Instrument :

BNA_G

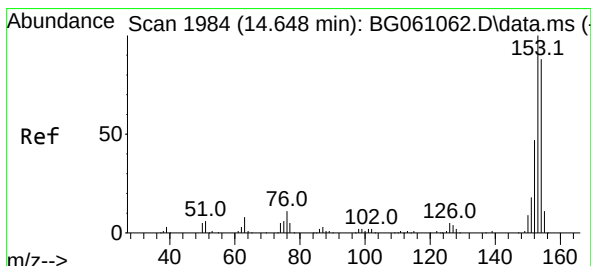
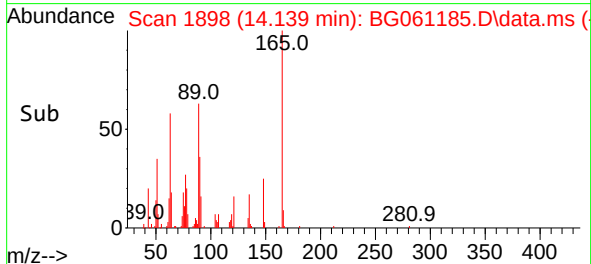
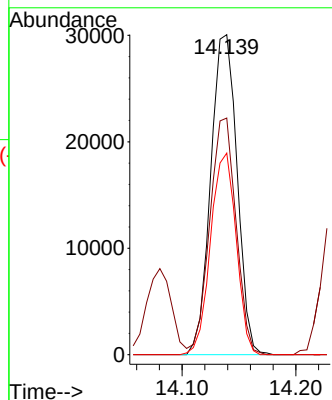
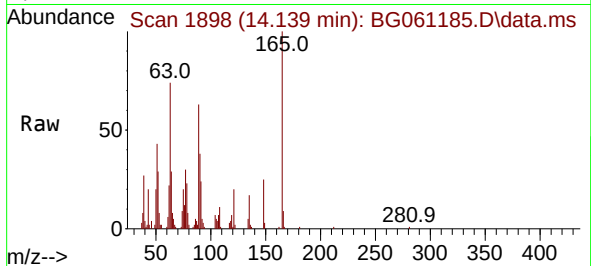
ClientSampleId :

PB160877BS

Tgt Ion:165 Resp: 48460
Ion Ratio Lower Upper
165 100
63 73.9 60.0 90.0
89 63.0 50.9 76.3

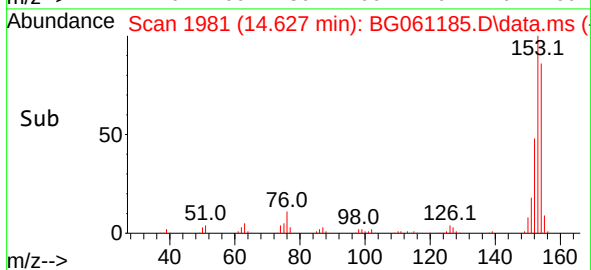
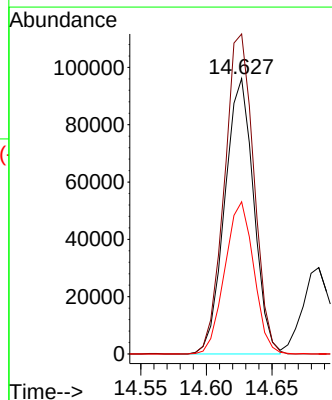
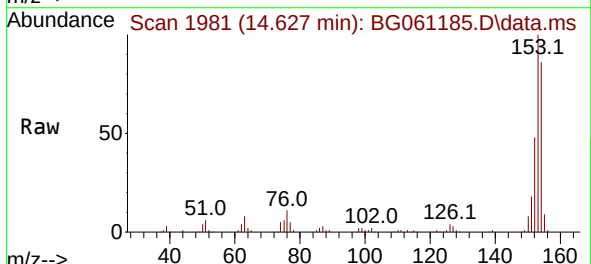
Manual Integrations
APPROVED

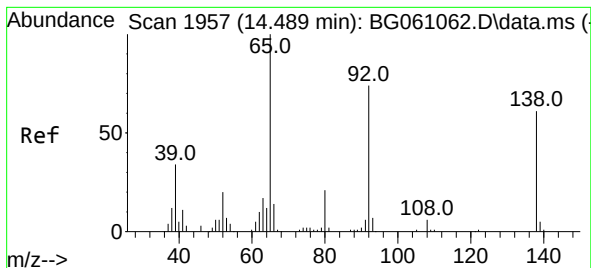
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#52
Acenaphthene
Concen: 41.309 ng
RT: 14.627 min Scan# 1981
Delta R.T. -0.021 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Tgt Ion:154 Resp: 147330
Ion Ratio Lower Upper
154 100
153 116.2 91.0 136.4
152 55.3 43.1 64.7





#53
3-Nitroaniline
Concen: 29.678 ng
RT: 14.468 min Scan# 1954
Delta R.T. -0.021 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

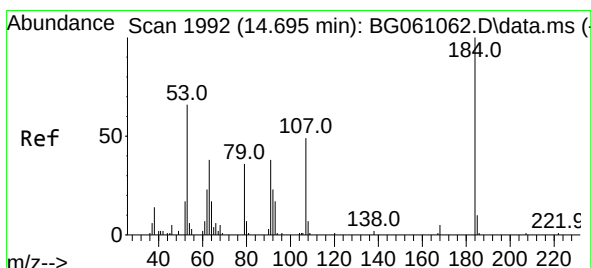
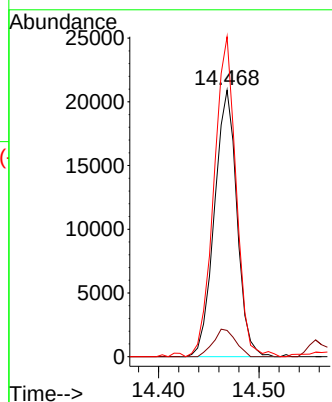
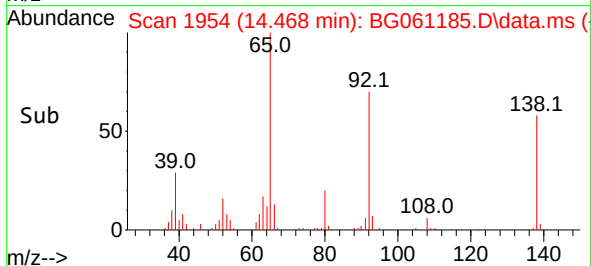
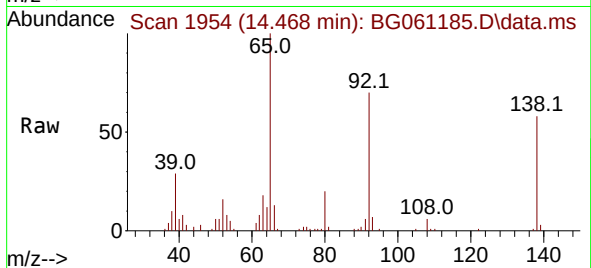
PB160877BS

Tgt Ion:138 Resp: 32520
Ion Ratio Lower Upper
138 100
108 9.9 8.2 12.2
92 120.0 98.0 147.0

Manual Integrations

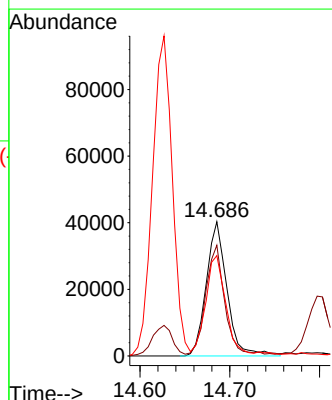
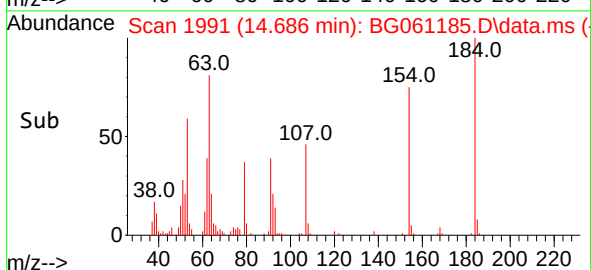
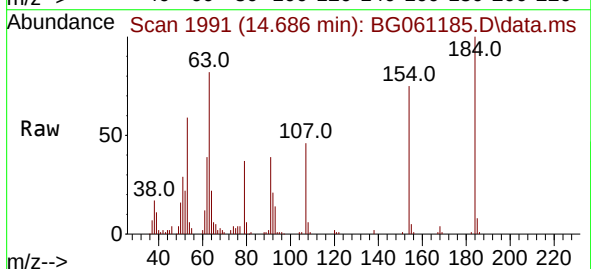
APPROVED

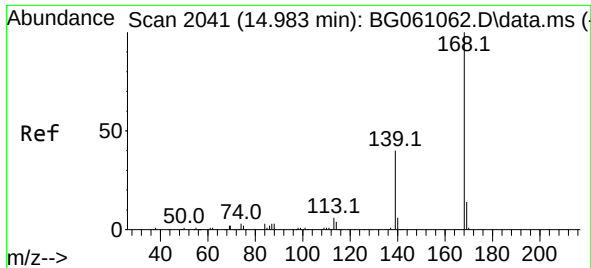
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#54
2,4-Dinitrophenol
Concen: 76.242 ng
RT: 14.686 min Scan# 1991
Delta R.T. -0.009 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Tgt Ion:184 Resp: 64645
Ion Ratio Lower Upper
184 100
63 82.5 62.6 93.8
154 74.8 61.4 92.0





#55
Dibenzenofuran
Concen: 42.750 ng
RT: 14.962 min Scan# 2041
Delta R.T. -0.021 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

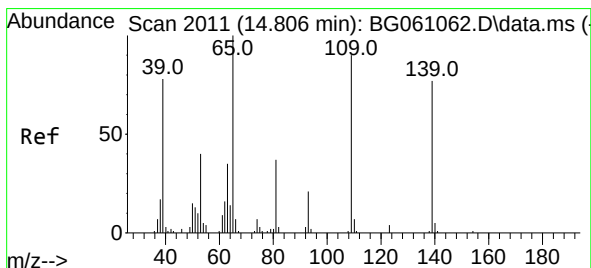
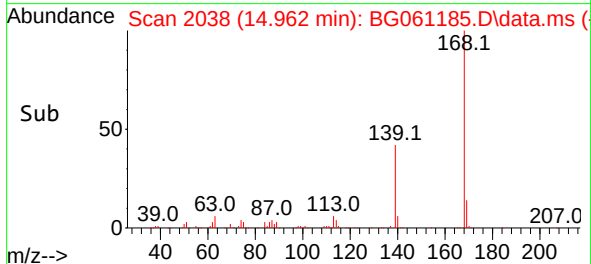
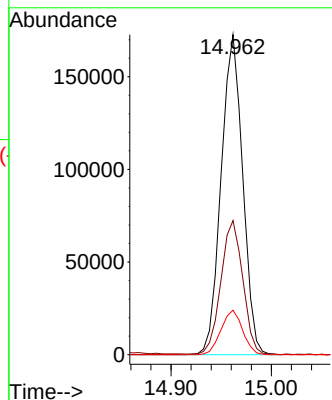
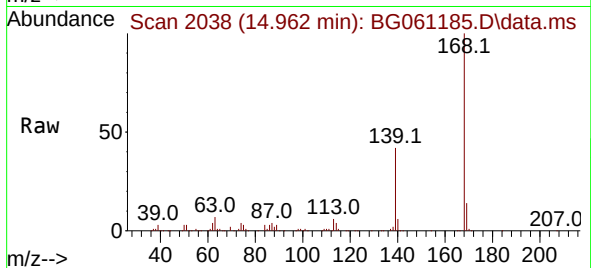
PB160877BS

Tgt Ion:168 Resp: 257530
Ion Ratio Lower Upper
168 100
139 41.9 32.2 48.4
169 13.9 11.4 17.2

Manual Integrations

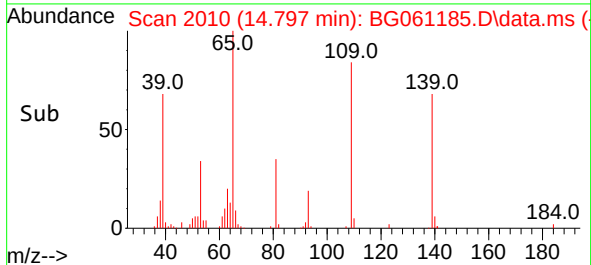
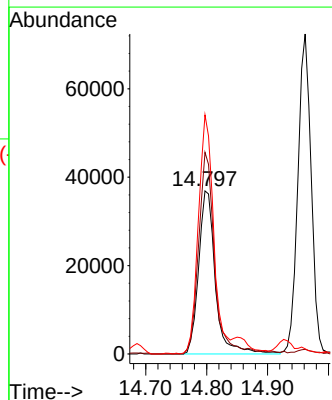
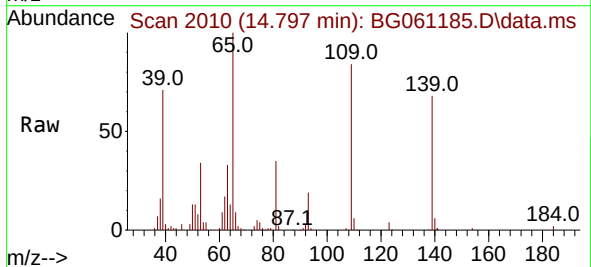
APPROVED

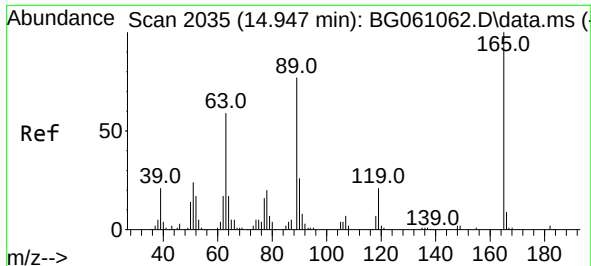
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#56
4-Nitrophenol
Concen: 79.537 ng
RT: 14.797 min Scan# 2010
Delta R.T. -0.009 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Tgt Ion:139 Resp: 70448
Ion Ratio Lower Upper
139 100
109 123.6 97.7 137.7
65 146.6 110.7 150.7





#57
2,4-Dinitrotoluene
Concen: 41.672 ng
RT: 14.932 min Scan# 2035
Delta R.T. -0.015 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

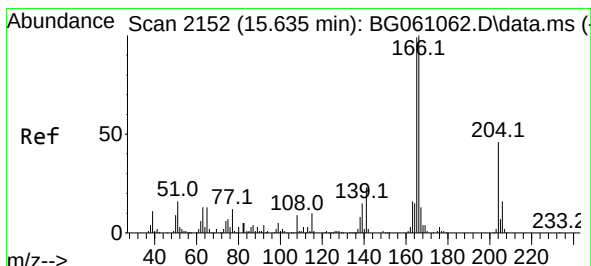
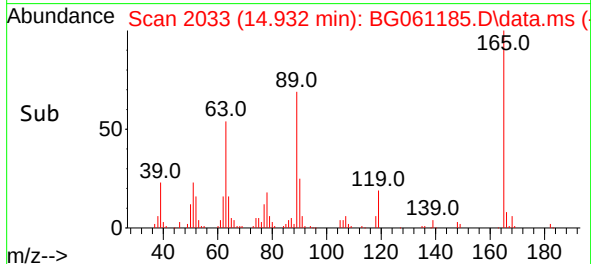
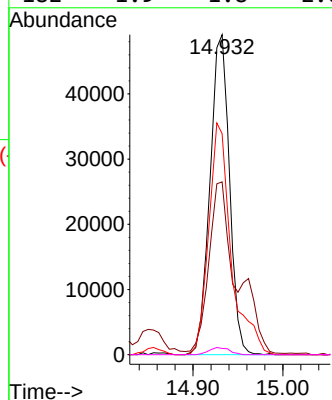
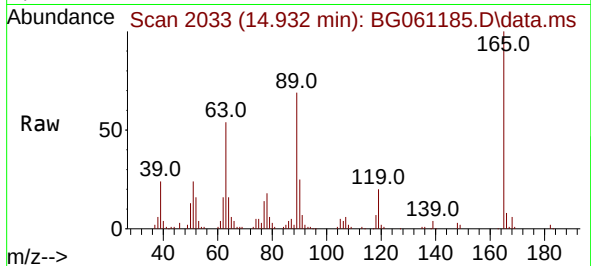
PB160877BS

Tgt Ion:165 Resp: 7384
Ion Ratio Lower Upper
165 100
63 54.0 47.3 70.9
89 69.1 61.8 92.8
182 1.9 1.8 2.6

Manual Integrations

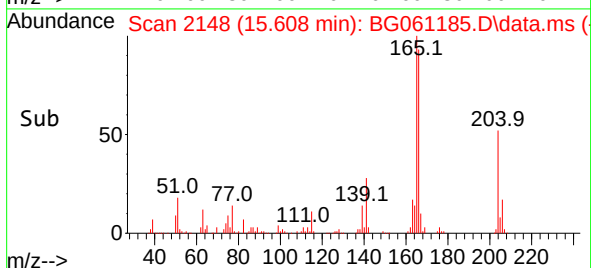
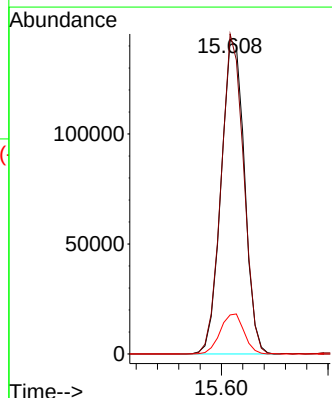
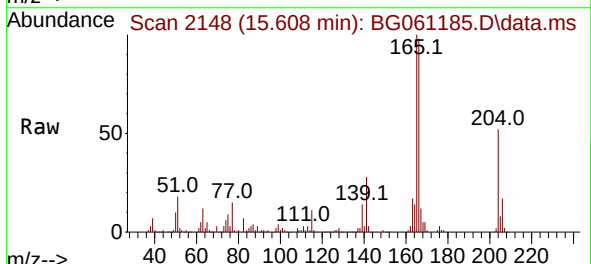
APPROVED

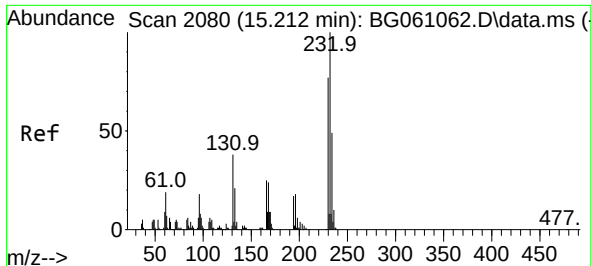
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#58
Fluorene
Concen: 41.564 ng
RT: 15.608 min Scan# 2148
Delta R.T. -0.027 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

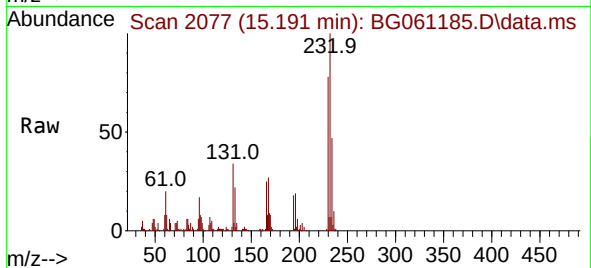
Tgt Ion:166 Resp: 216666
Ion Ratio Lower Upper
166 100
165 101.9 78.9 118.3
167 12.4 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.664 ng
RT: 15.191 min Scan# 2080
Delta R.T. -0.021 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

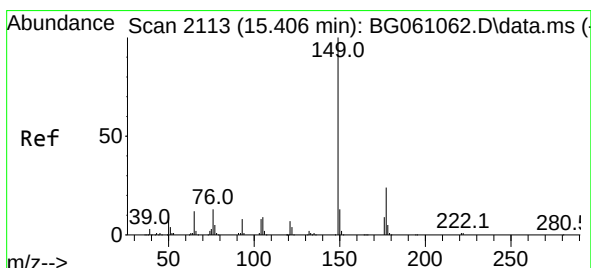
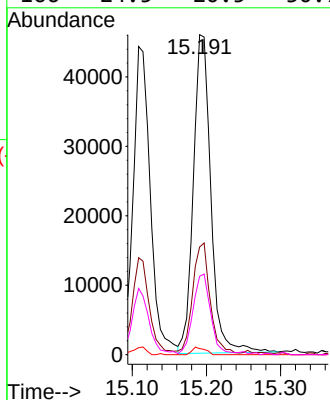
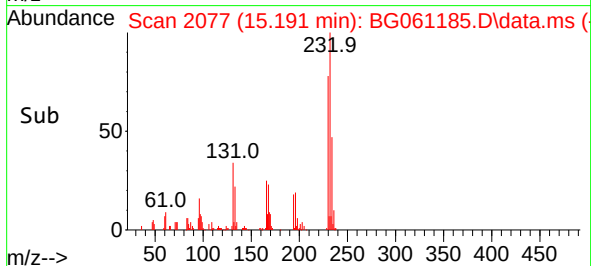
Instrument :
BNA_G
ClientSampleId :
PB160877BS



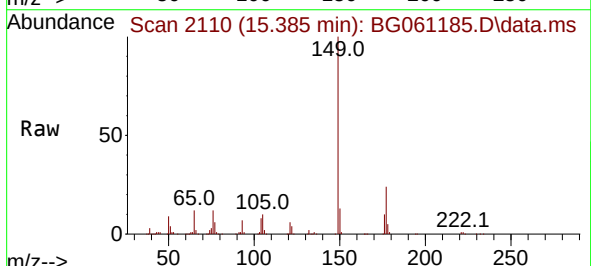
Tgt Ion:232 Resp: 7540
Ion Ratio Lower Upper
232 100
131 34.2 27.0 40.4
130 1.7 1.7 2.5
166 24.5 20.5 30.7

Manual Integrations
APPROVED

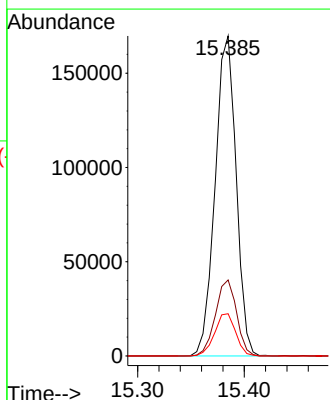
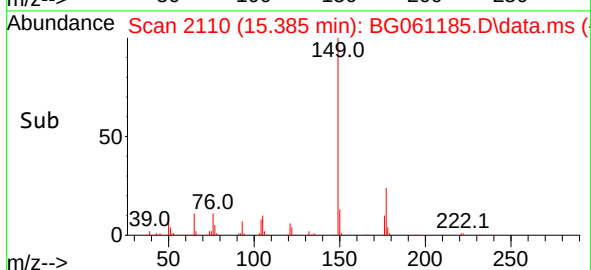
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

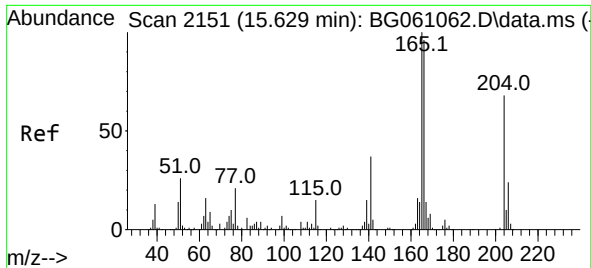


#60
Diethylphthalate
Concen: 41.045 ng
RT: 15.385 min Scan# 2110
Delta R.T. -0.021 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16



Tgt Ion:149 Resp: 231783
Ion Ratio Lower Upper
149 100
177 23.7 19.1 28.7
150 13.2 10.6 16.0





#61
4-Chlorophenyl-phenylether
Concen: 40.073 ng
RT: 15.602 min Scan# 2147
Delta R.T. -0.027 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

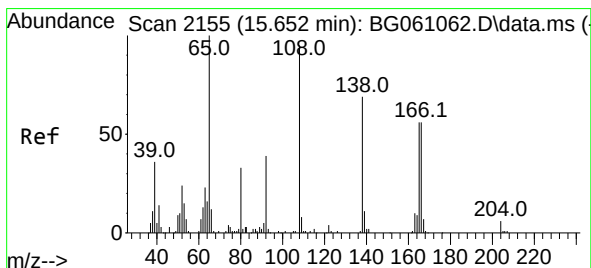
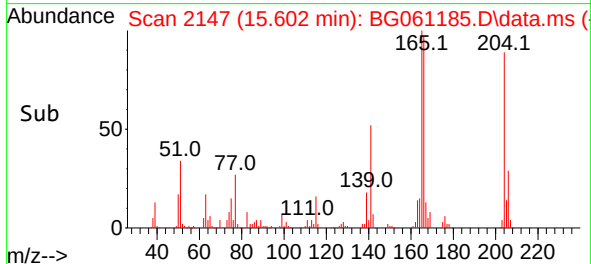
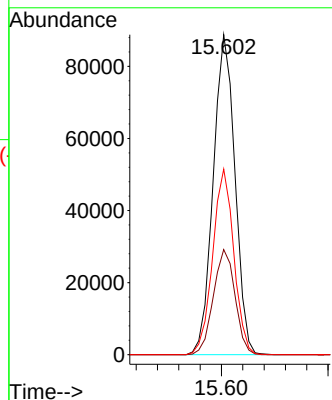
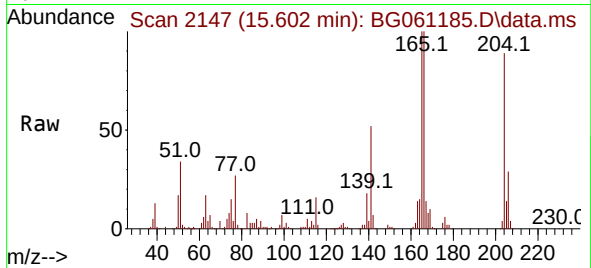
PB160877BS

Tgt Ion:204 Resp: 12543
Ion Ratio Lower Upper
204 100
206 32.9 27.8 41.6
141 58.0 42.9 64.3

Manual Integrations

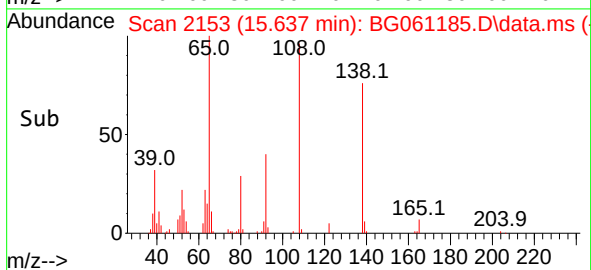
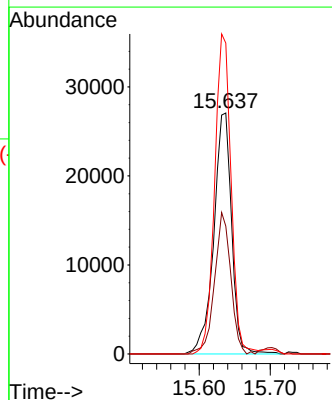
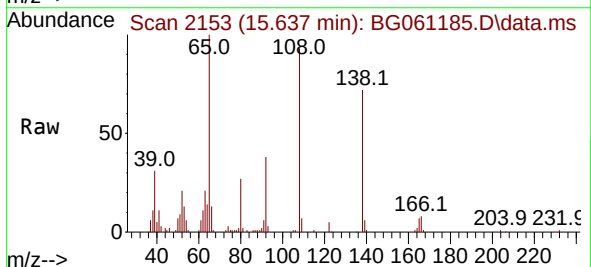
APPROVED

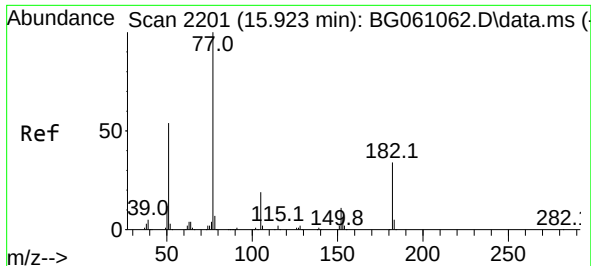
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#62
4-Nitroaniline
Concen: 39.728 ng
RT: 15.637 min Scan# 2153
Delta R.T. -0.015 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Tgt Ion:138 Resp: 47224
Ion Ratio Lower Upper
138 100
92 53.0 35.5 75.5
108 129.0 116.2 156.2





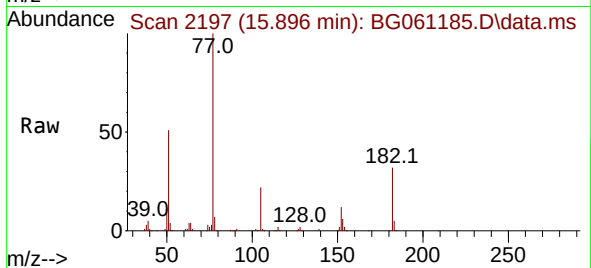
#63
Azobenzene
Concen: 43.426 ng
RT: 15.896 min Scan# 2197
Delta R.T. -0.027 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

PB160877BS

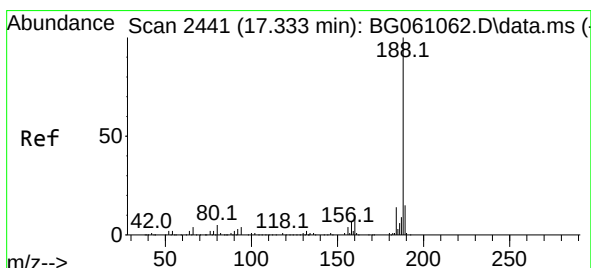
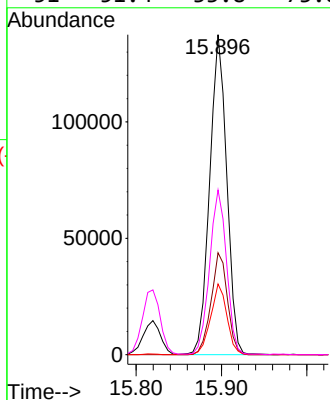
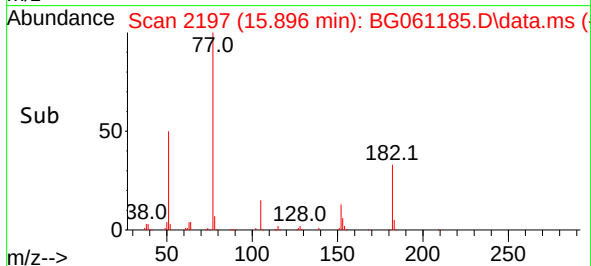


Tgt Ion: 77 Resp: 19090
Ion Ratio Lower Upper
77 100
182 31.9 13.5 53.5
105 22.1 0.0 39.3
51 51.4 33.8 73.8

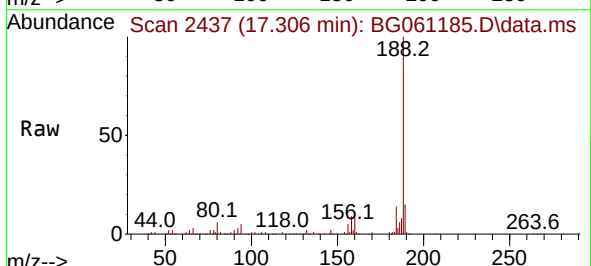
Manual Integrations

APPROVED

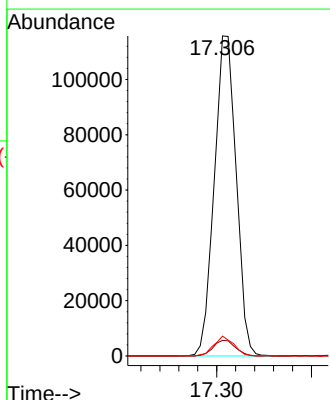
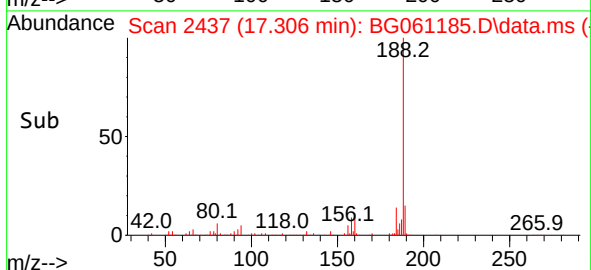
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

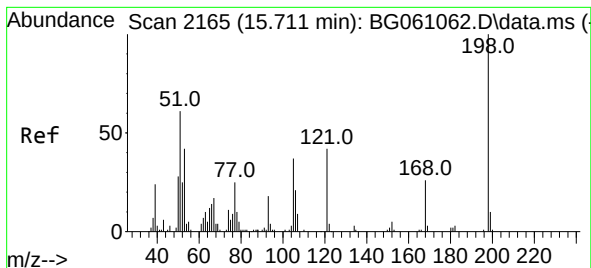


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.306 min Scan# 2437
Delta R.T. -0.027 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16



Tgt Ion:188 Resp: 185868
Ion Ratio Lower Upper
188 100
94 4.8 3.6 5.4
80 6.2 4.2 6.2





#65
4,6-Dinitro-2-methylphenol
Concen: 42.635 ng
RT: 15.696 min Scan# 2163
Delta R.T. -0.015 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

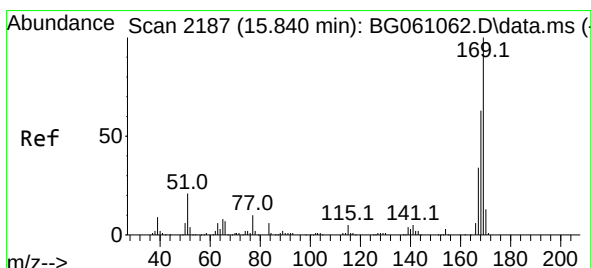
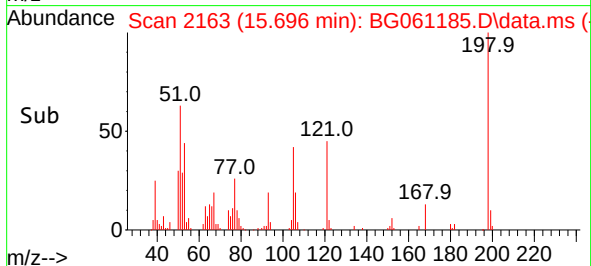
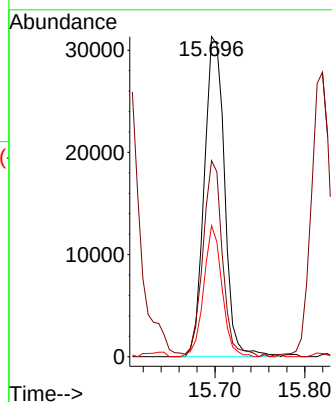
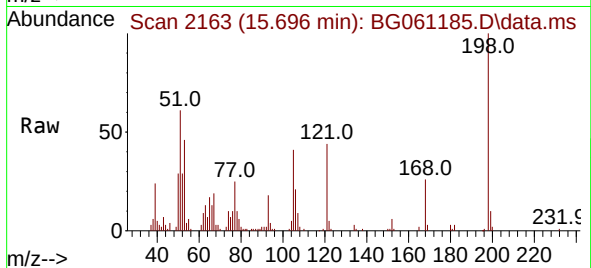
PB160877BS

Tgt Ion:198 Resp: 49168
Ion Ratio Lower Upper
198 100
51 61.3 41.2 81.2
105 41.0 16.7 56.7

Manual Integrations

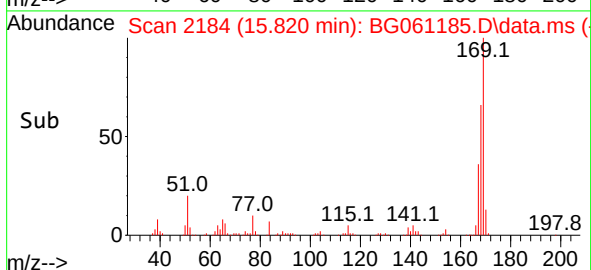
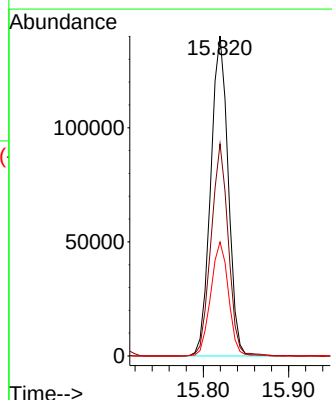
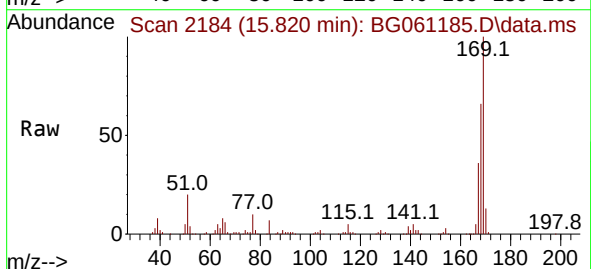
APPROVED

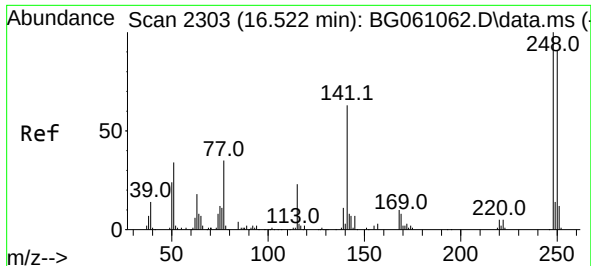
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#66
n-Nitrosodiphenylamine
Concen: 43.298 ng
RT: 15.820 min Scan# 2184
Delta R.T. -0.021 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Tgt Ion:169 Resp: 199566
Ion Ratio Lower Upper
169 100
168 66.3 50.6 75.8
167 35.6 27.4 41.2





#67
4-Bromophenyl-phenylether
Concen: 44.416 ng
RT: 16.501 min Scan# 21
Delta R.T. -0.021 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

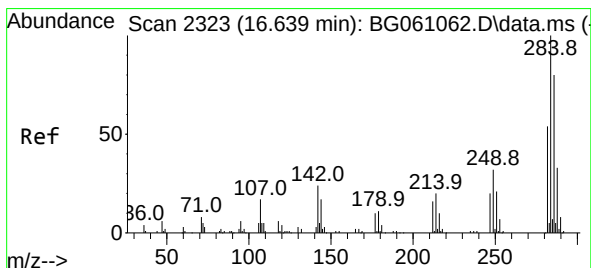
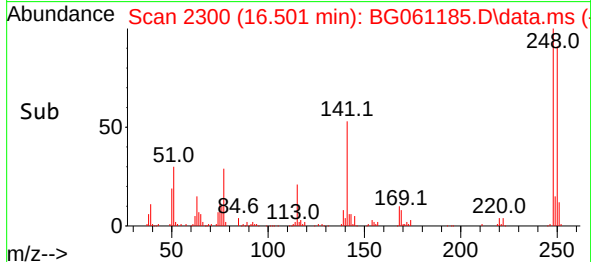
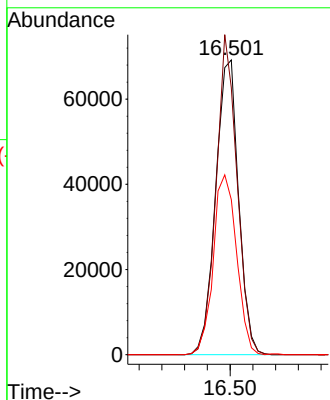
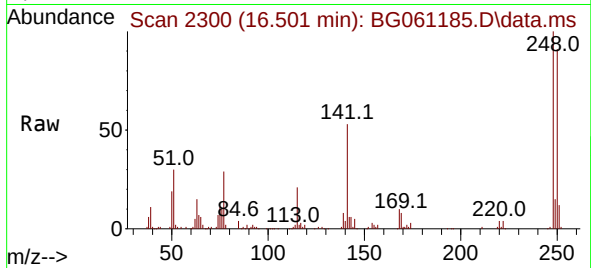
PB160877BS

Tgt Ion:248 Resp: 9725
Ion Ratio Lower Upper
248 100
250 90.5 73.0 109.4
141 52.6 50.8 76.2

Manual Integrations

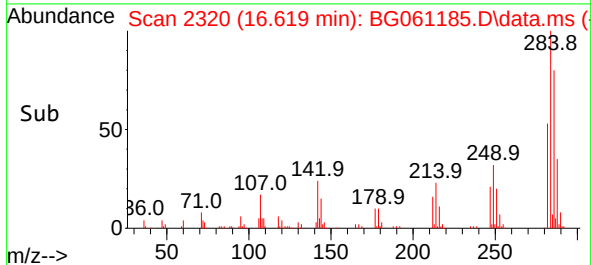
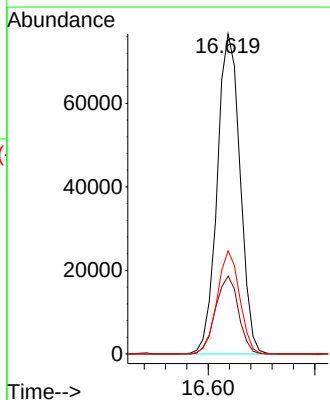
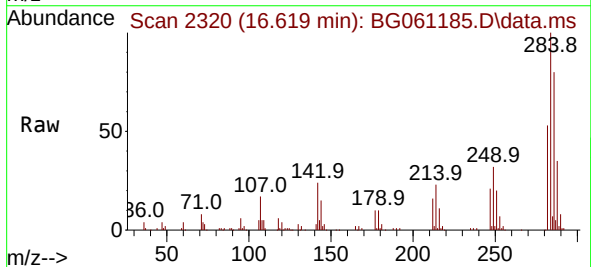
APPROVED

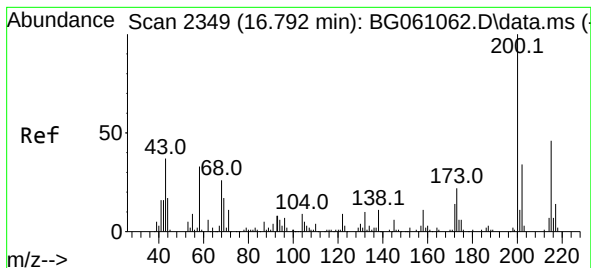
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#68
Hexachlorobenzene
Concen: 41.803 ng
RT: 16.619 min Scan# 2320
Delta R.T. -0.021 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Tgt Ion:284 Resp: 113923
Ion Ratio Lower Upper
284 100
142 24.4 19.2 28.8
249 32.2 25.4 38.2





#69

Atrazine

Concen: 48.527 ng

RT: 16.771 min Scan# 21

Delta R.T. -0.021 min

Lab File: BG061185.D

Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

PB160877BS

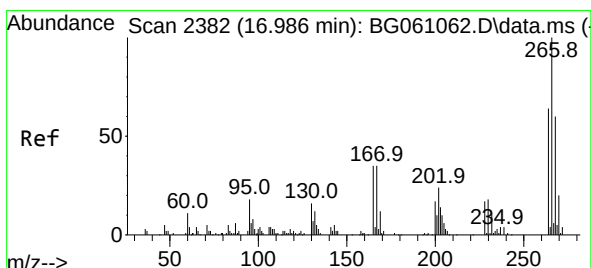
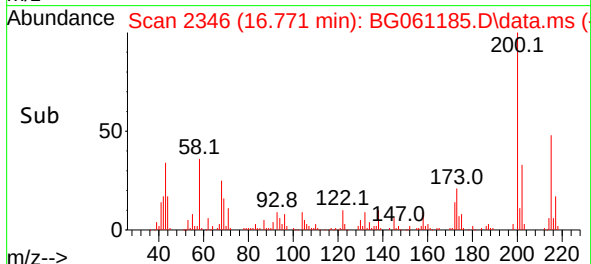
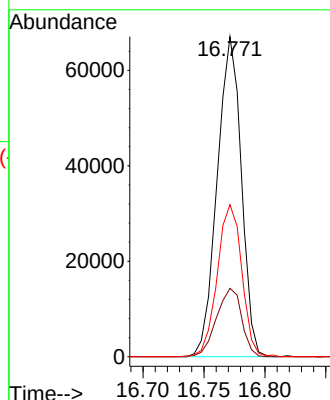
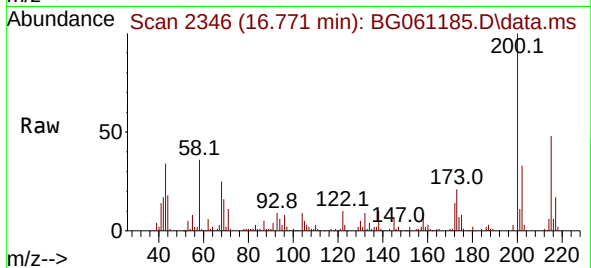
Tgt Ion:200 Resp: 9224

Ion	Ratio	Lower	Upper
200	100		
173	21.4	2.0	42.0
215	47.5	26.2	66.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#70

Pentachlorophenol

Concen: 64.255 ng

RT: 16.965 min Scan# 2379

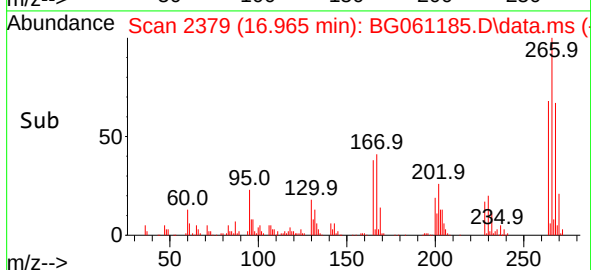
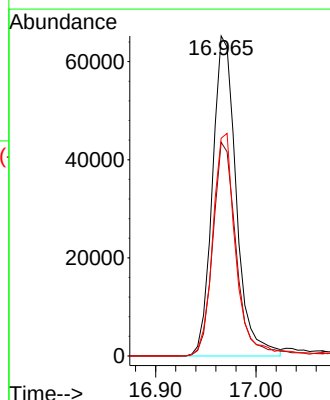
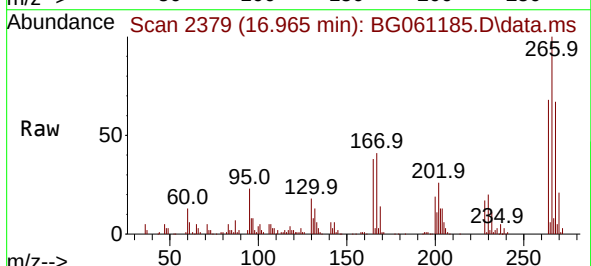
Delta R.T. -0.021 min

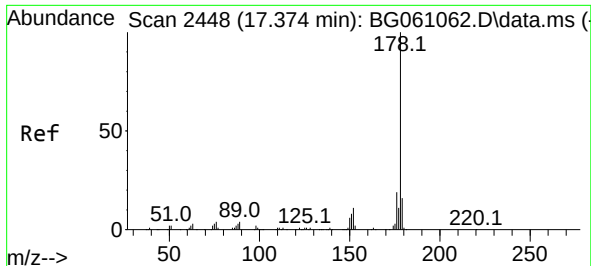
Lab File: BG061185.D

Acq: 14 May 2024 11:16

Tgt Ion:266 Resp: 107578

Ion	Ratio	Lower	Upper
266	100		
268	66.8	47.8	71.8
264	68.1	51.5	77.3





#71
Phenanthrene
Concen: 44.109 ng
RT: 17.353 min Scan# 2445
Delta R.T. -0.021 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

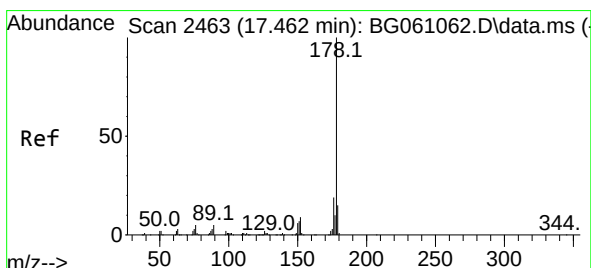
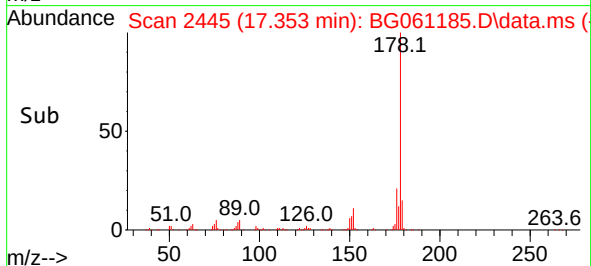
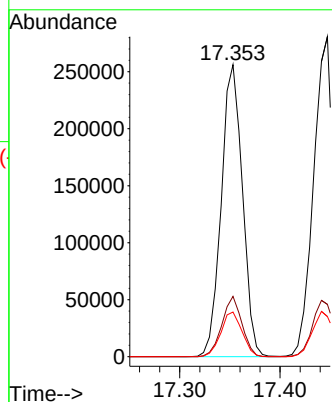
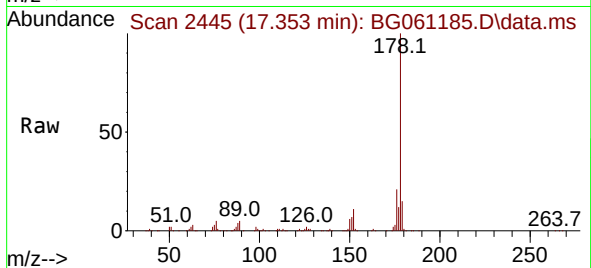
PB160877BS

Tgt Ion:178 Resp: 374872
Ion Ratio Lower Upper
178 100
176 20.7 15.5 23.3
179 15.3 12.6 19.0

Manual Integrations

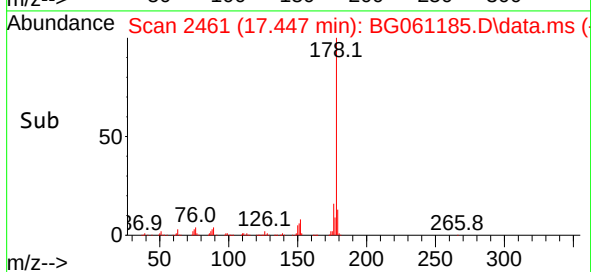
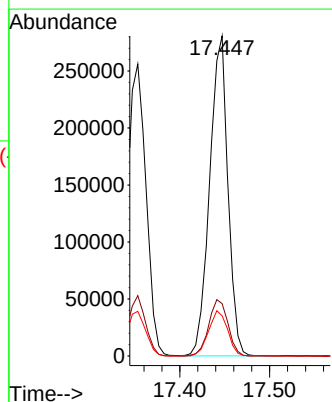
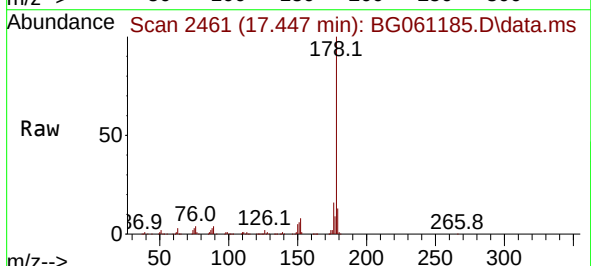
APPROVED

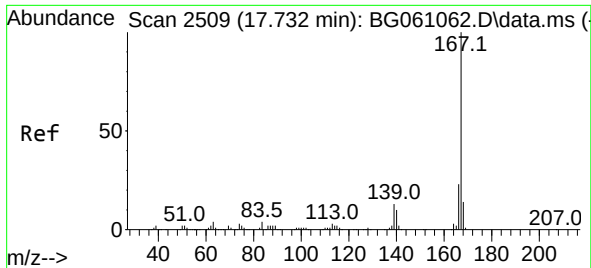
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#72
Anthracene
Concen: 46.657 ng
RT: 17.447 min Scan# 2461
Delta R.T. -0.015 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Tgt Ion:178 Resp: 395659
Ion Ratio Lower Upper
178 100
176 16.3 15.0 22.6
179 12.5 12.0 18.0





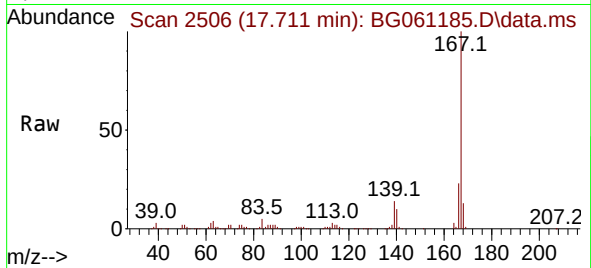
#73
 Carbazole
 Concen: 44.208 ng
 RT: 17.711 min Scan# 2506
 Delta R.T. -0.021 min
 Lab File: BG061185.D
 Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

PB160877BS

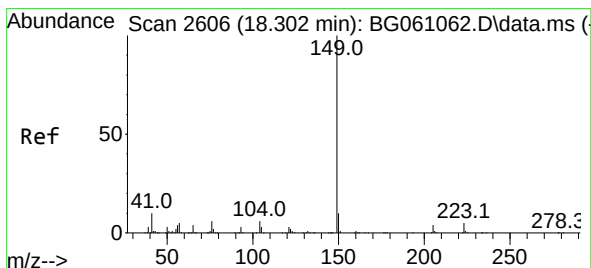
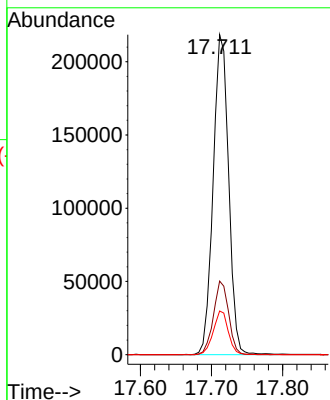
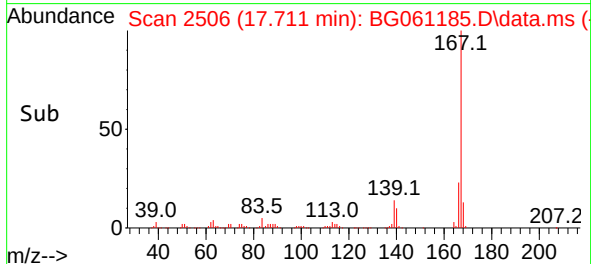


Tgt Ion:167 Resp: 32962
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.7 28.1
 139 13.7 10.6 15.8

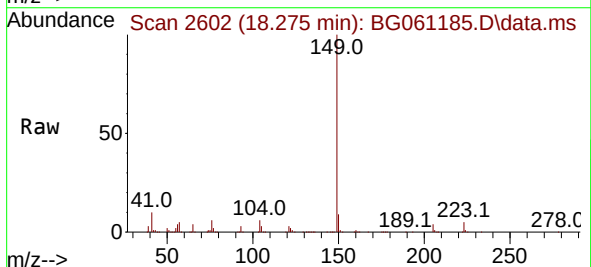
Manual Integrations

APPROVED

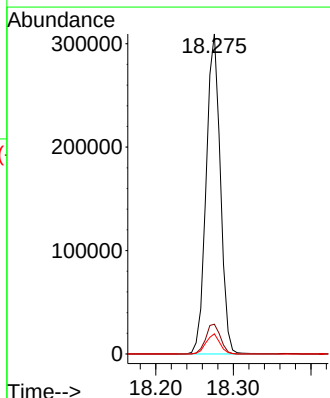
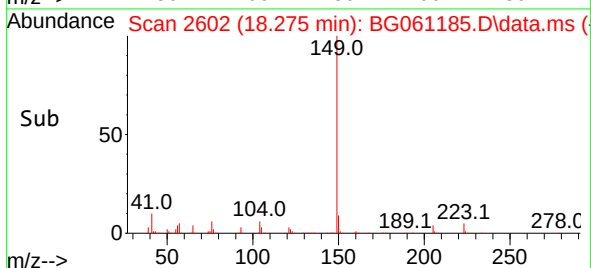
Reviewed By :Jagrut Upadhyay 05/15/2024
 Supervised By :mohammad ahmed 05/17/2024

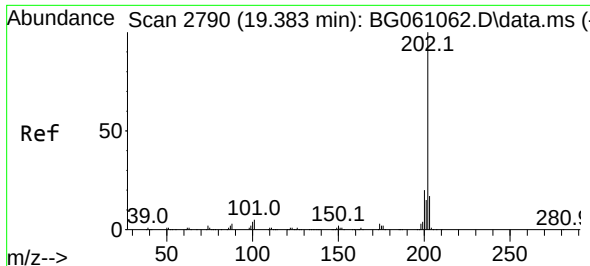


#74
 Di-n-butylphthalate
 Concen: 44.221 ng
 RT: 18.275 min Scan# 2602
 Delta R.T. -0.027 min
 Lab File: BG061185.D
 Acq: 14 May 2024 11:16



Tgt Ion:149 Resp: 392063
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 6.3 5.0 7.6





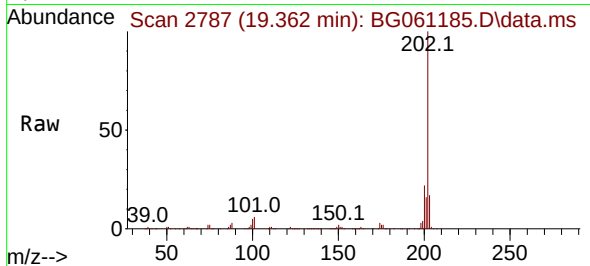
#75
Fluoranthene
Concen: 43.146 ng
RT: 19.362 min Scan# 21
Delta R.T. -0.021 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

PB160877BS

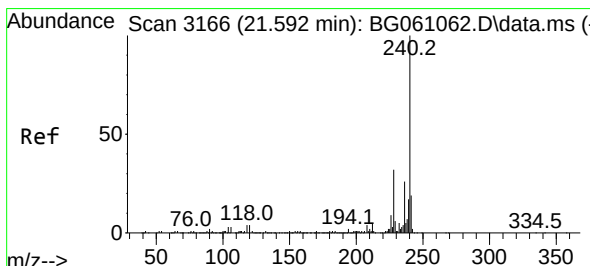
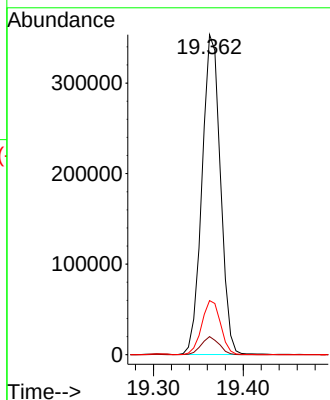
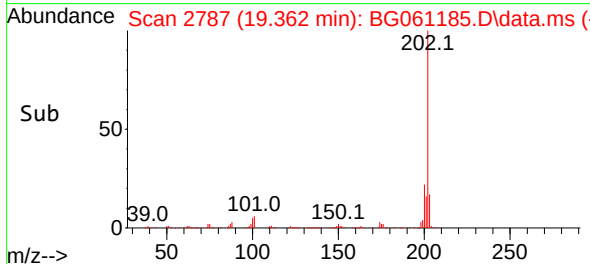


Tgt Ion:202 Resp: 502348
Ion Ratio Lower Upper
202 100
101 5.7 0.0 24.7
203 16.9 0.0 37.1

Manual Integrations

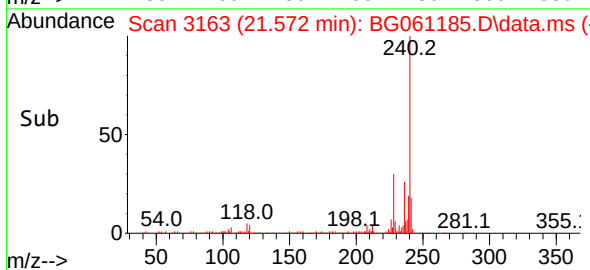
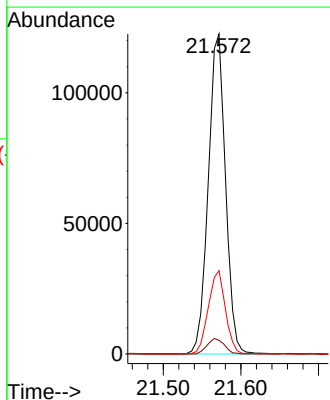
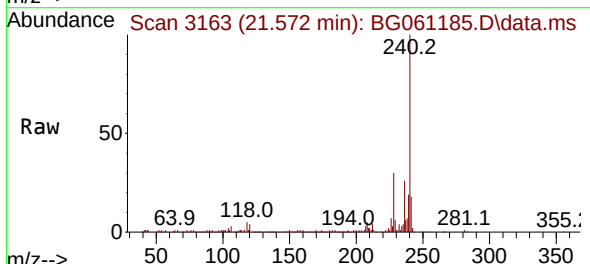
APPROVED

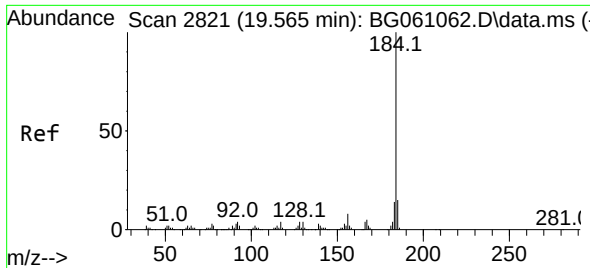
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3163
Delta R.T. -0.021 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Tgt Ion:240 Resp: 189254
Ion Ratio Lower Upper
240 100
120 4.2 3.2 4.8
236 26.1 21.0 31.6





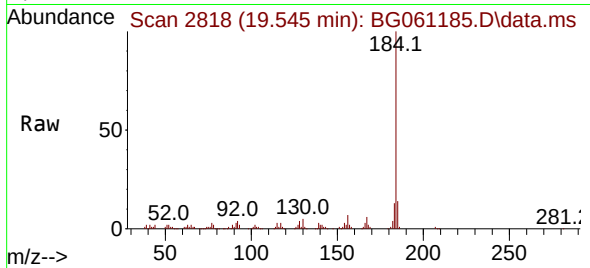
#77
Benzidine
Concen: 31.808 ng
RT: 19.545 min Scan# 2818
Delta R.T. -0.020 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

PB160877BS

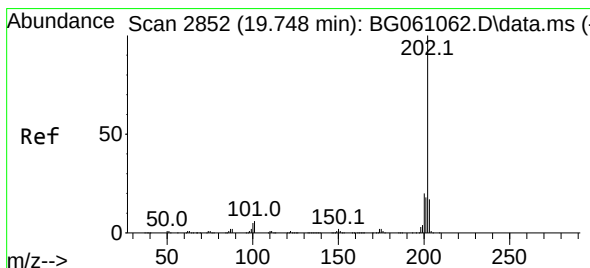
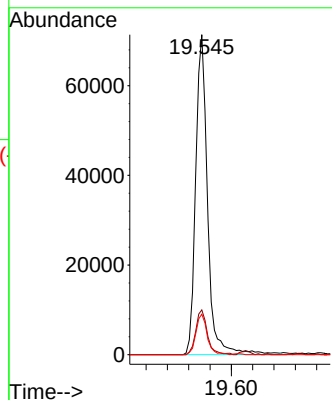
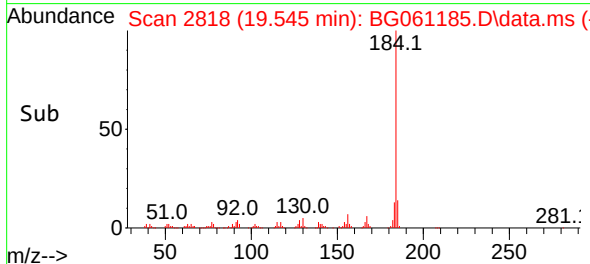


Tgt Ion:184 Resp: 110945
Ion Ratio Lower Upper
184 100
185 14.0 12.0 18.0
183 12.7 10.9 16.3

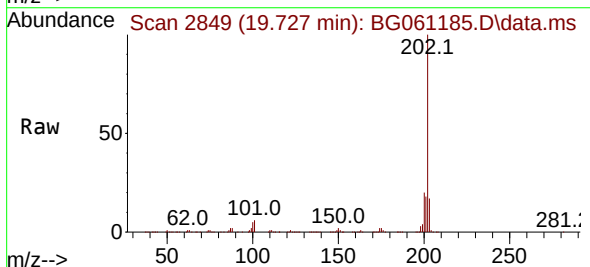
Manual Integrations

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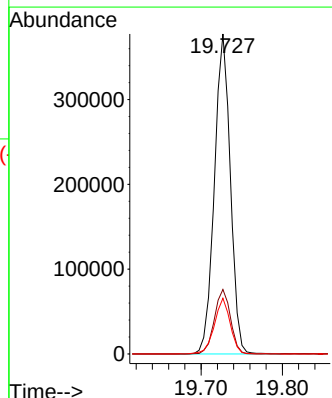
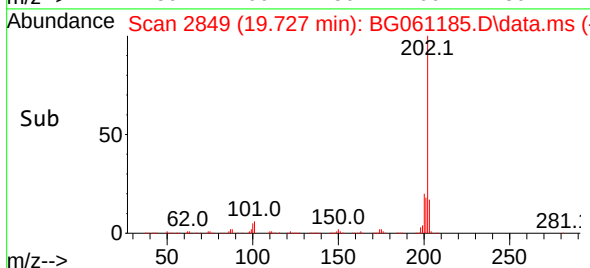
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

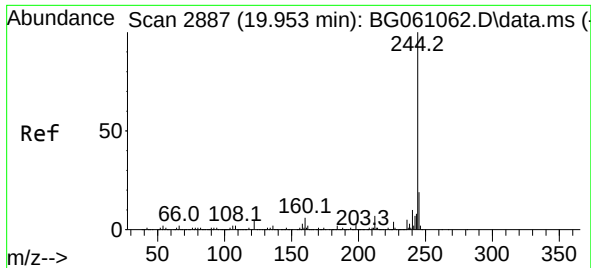


#78
Pyrene
Concen: 42.721 ng
RT: 19.727 min Scan# 2849
Delta R.T. -0.021 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16



Tgt Ion:202 Resp: 514018
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.4
203 17.4 13.3 19.9





#79
 Terphenyl-d14
 Concen: 82.953 ng
 RT: 19.927 min Scan# 21
 Delta R.T. -0.027 min
 Lab File: BG061185.D
 Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

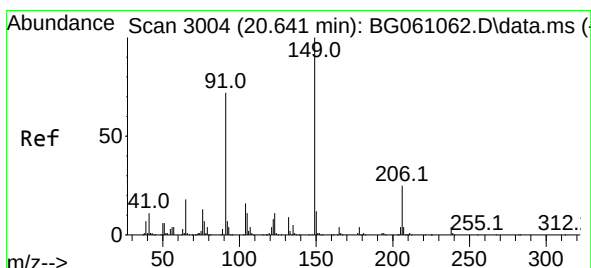
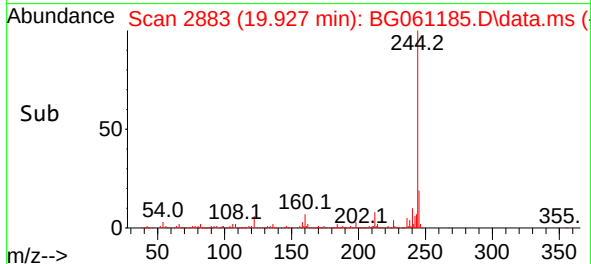
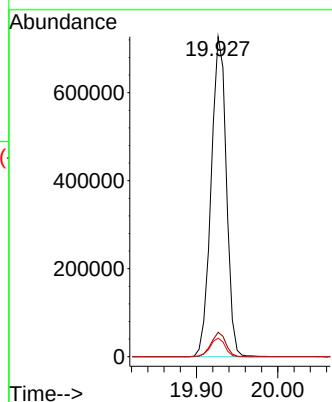
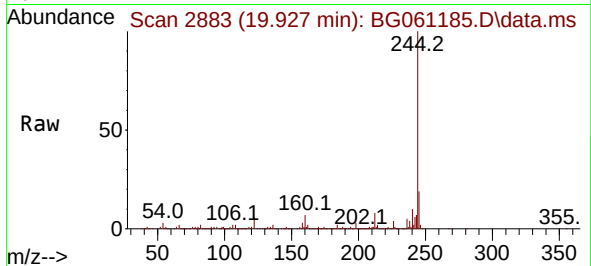
PB160877BS

Tgt Ion:244 Resp: 943952
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 5.8 4.2 6.2

Manual Integrations

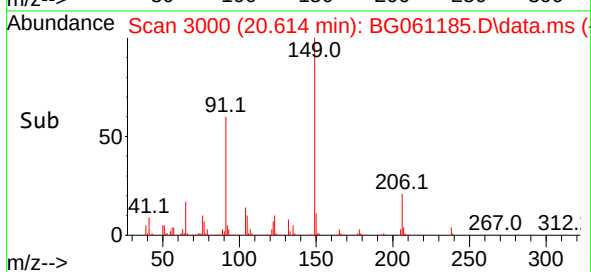
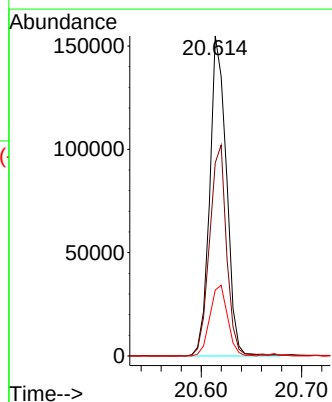
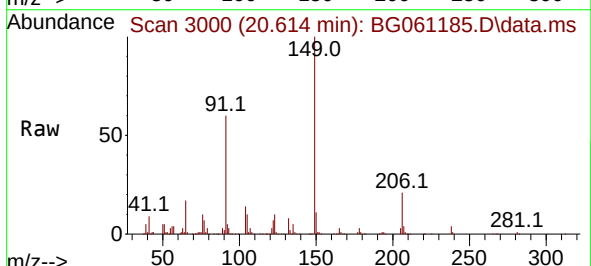
APPROVED

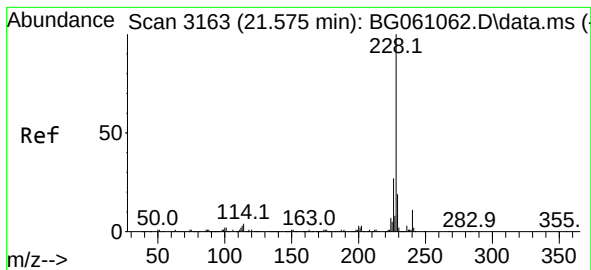
Reviewed By :Jagrut Upadhyay 05/15/2024
 Supervised By :mohammad ahmed 05/17/2024



#80
 Butylbenzylphthalate
 Concen: 46.960 ng
 RT: 20.614 min Scan# 3000
 Delta R.T. -0.027 min
 Lab File: BG061185.D
 Acq: 14 May 2024 11:16

Tgt Ion:149 Resp: 178854
 Ion Ratio Lower Upper
 149 100
 91 60.4 57.4 86.2
 206 20.6 19.8 29.6





#81

Benzo(a)anthracene

Concen: 44.127 ng

RT: 21.548 min Scan# 3159

Delta R.T. -0.027 min

Lab File: BG061185.D

Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

PB160877BS

Tgt Ion:228 Resp: 546478

Ion Ratio Lower Upper

228 100

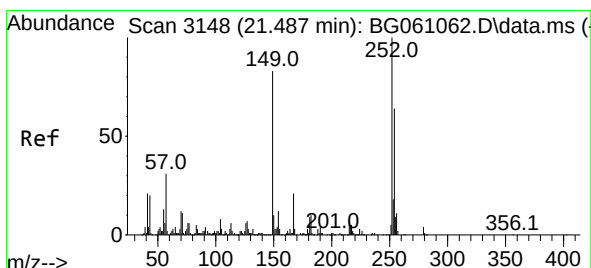
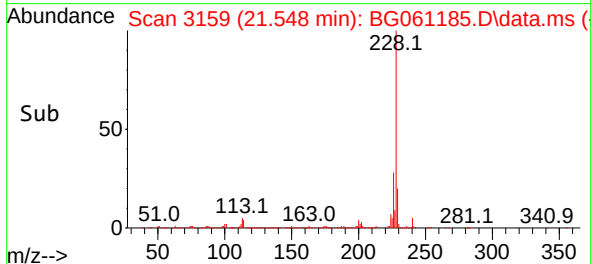
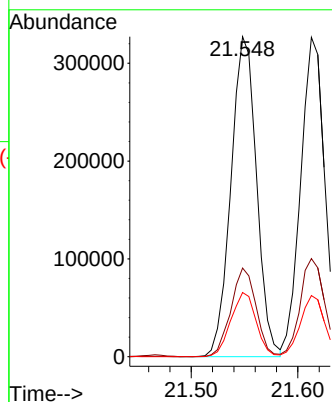
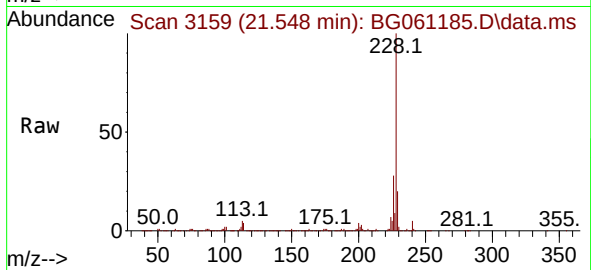
226 27.7 21.6 32.4

229 20.1 15.0 22.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#82

3,3'-Dichlorobenzidine

Concen: 31.642 ng

RT: 21.466 min Scan# 3145

Delta R.T. -0.021 min

Lab File: BG061185.D

Acq: 14 May 2024 11:16

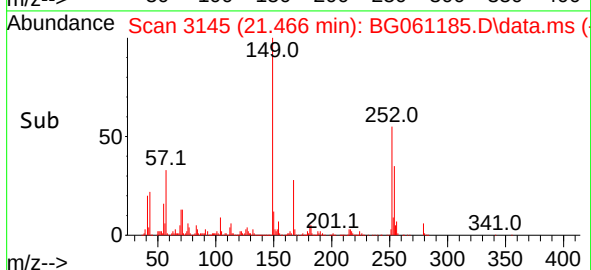
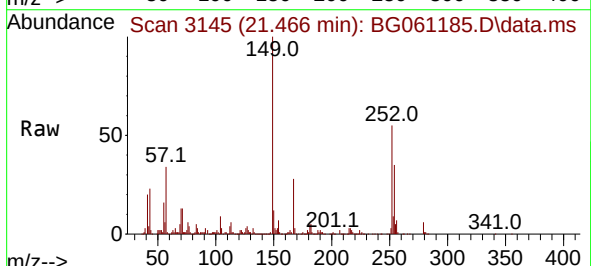
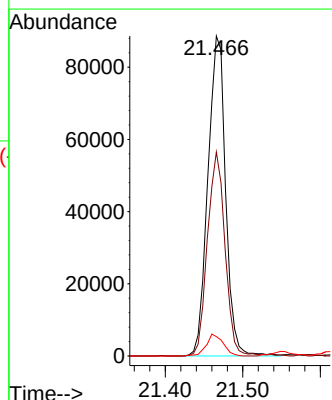
Tgt Ion:252 Resp: 141023

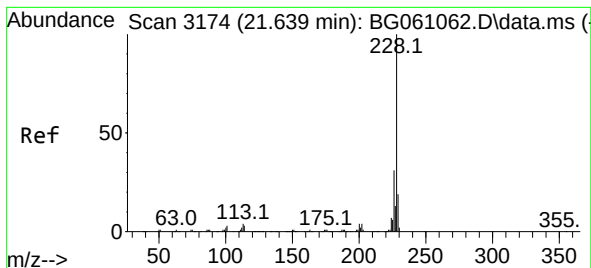
Ion Ratio Lower Upper

252 100

254 63.7 51.3 76.9

126 6.1 5.2 7.8





#83

Chrysene

Concen: 44.005 ng

RT: 21.613 min Scan# 3170

Delta R.T. -0.027 min

Lab File: BG061185.D

Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

PB160877BS

Tgt Ion:228 Resp: 510580

Ion Ratio Lower Upper

228 100

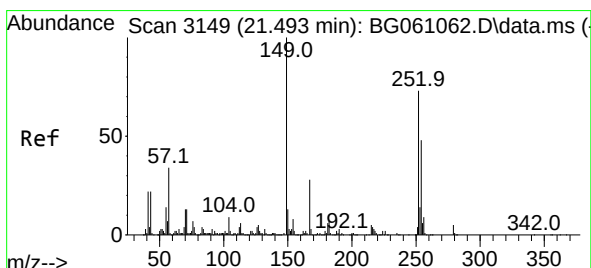
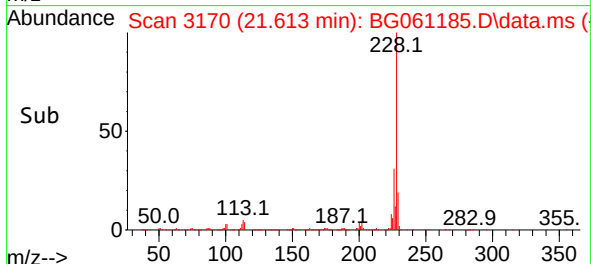
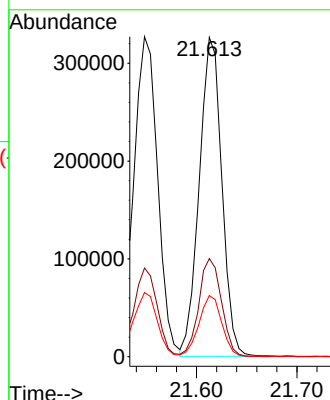
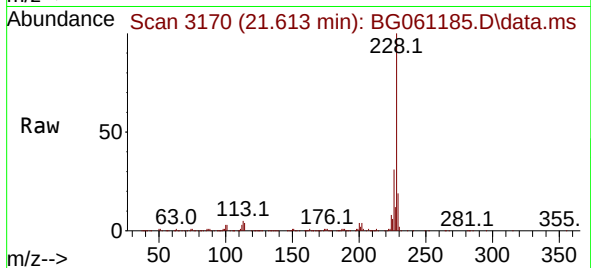
226 30.7 24.4 36.6

229 19.1 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.424 ng

RT: 21.460 min Scan# 3144

Delta R.T. -0.033 min

Lab File: BG061185.D

Acq: 14 May 2024 11:16

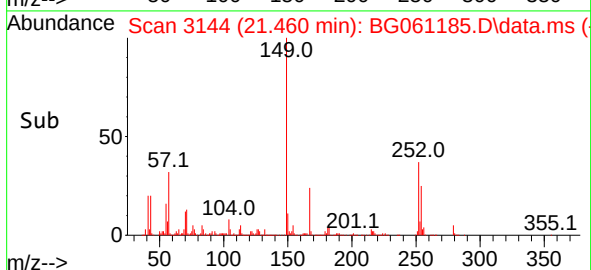
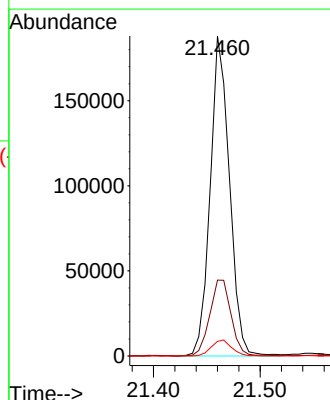
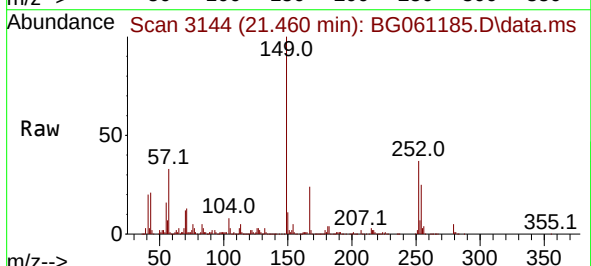
Tgt Ion:149 Resp: 235861

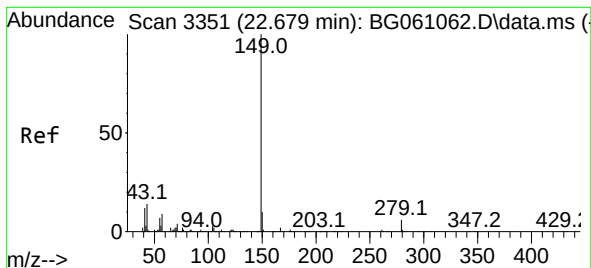
Ion Ratio Lower Upper

149 100

167 23.7 22.1 33.1

279 4.5 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 45.476 ng

RT: 22.641 min Scan# 31

Delta R.T. -0.038 min

Lab File: BG061185.D

Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

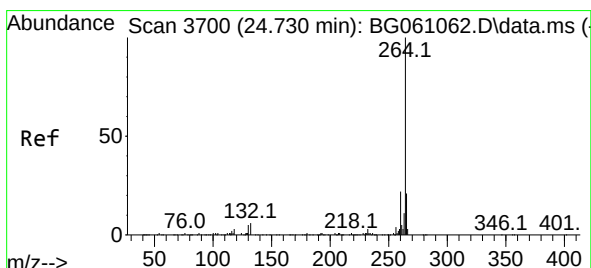
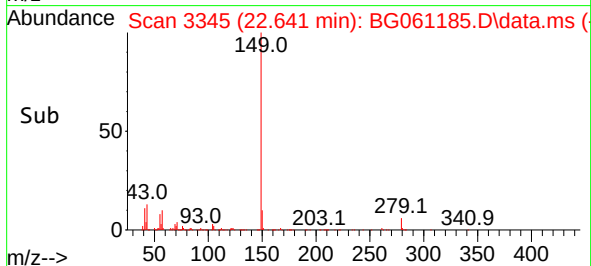
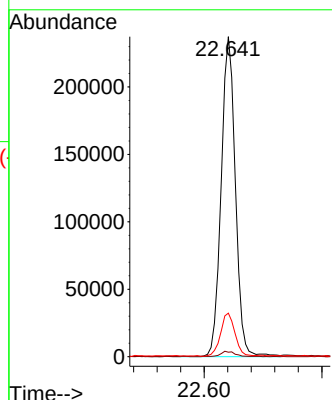
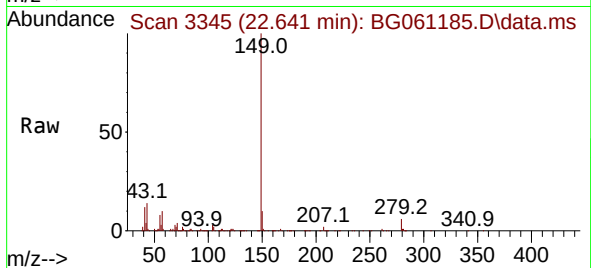
PB160877BS

Tgt Ion:	149	Resp:	399039
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	13.5	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#86

Perylene-d12

Concen: 20.000 ng

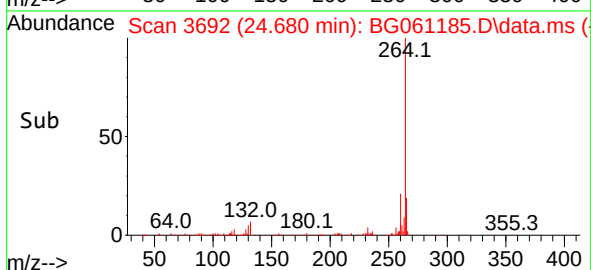
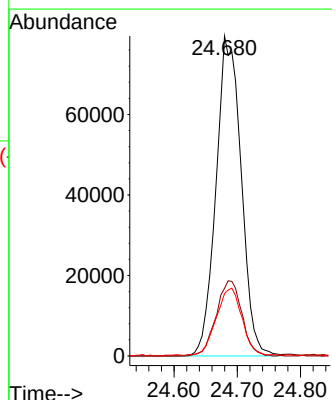
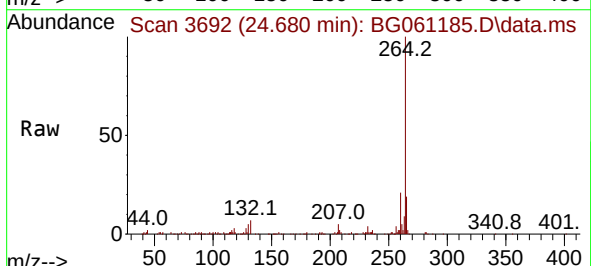
RT: 24.680 min Scan# 3692

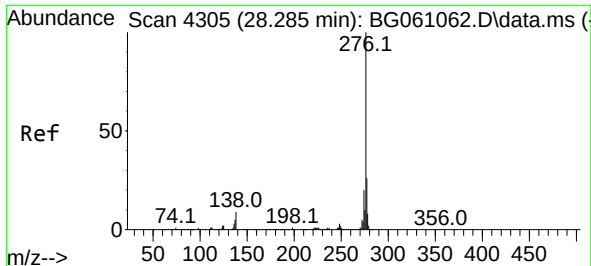
Delta R.T. -0.050 min

Lab File: BG061185.D

Acq: 14 May 2024 11:16

Tgt Ion:	264	Resp:	219385
Ion Ratio	Lower	Upper	
264	100		
260	21.2	17.7	26.5
265	19.5	16.4	24.6





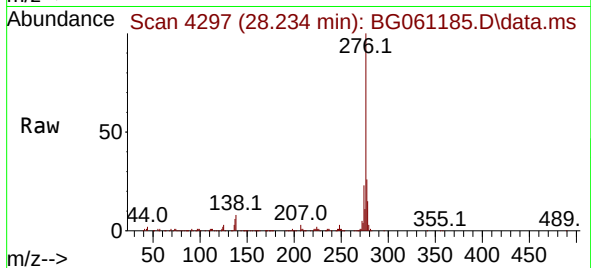
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.037 ng
RT: 28.234 min Scan# 41
Delta R.T. -0.050 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

PB160877BS

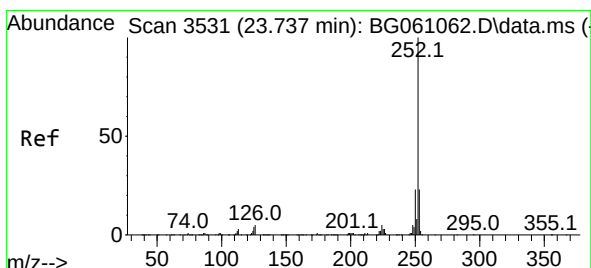
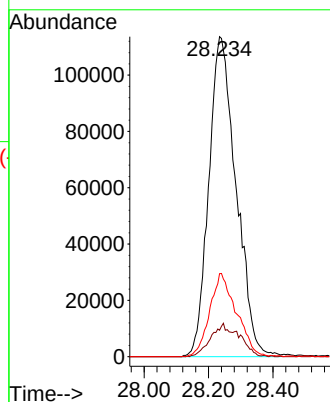
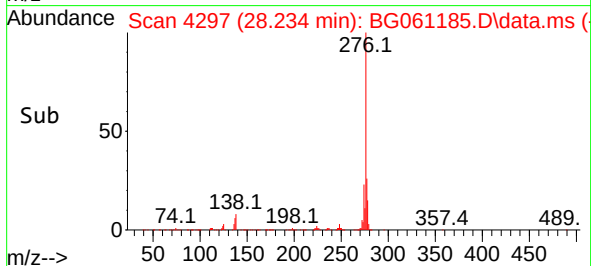


Tgt Ion:276 Resp: 66933
Ion Ratio Lower Upper
276 100
138 7.4 5.1 7.7
277 25.4 20.6 30.8

Manual Integrations

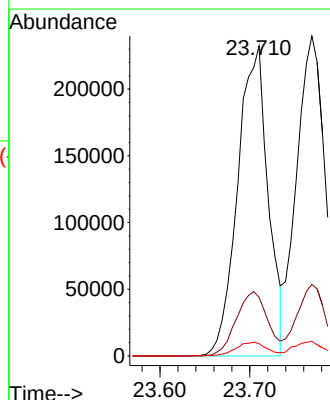
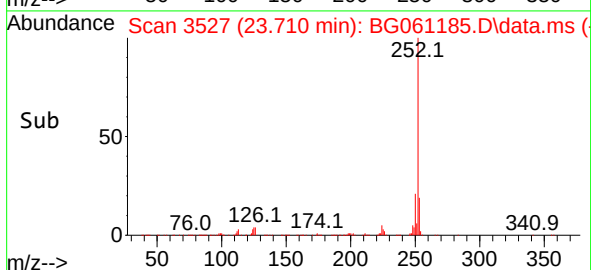
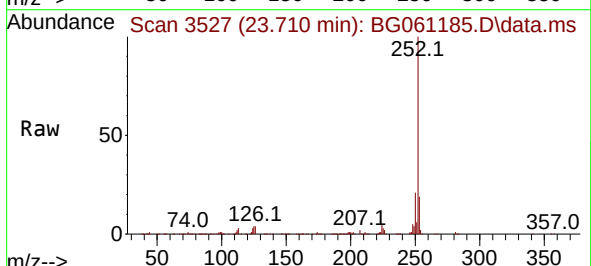
APPROVED

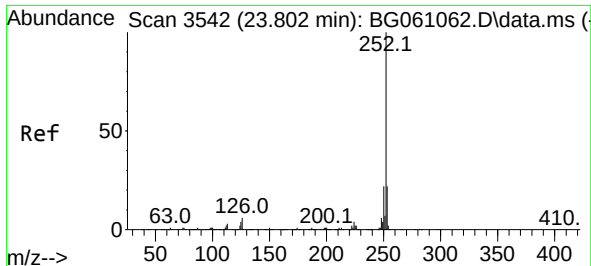
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#88
Benzo(b)fluoranthene
Concen: 44.549 ng
RT: 23.710 min Scan# 3527
Delta R.T. -0.027 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Tgt Ion:252 Resp: 546136
Ion Ratio Lower Upper
252 100
253 18.9 18.2 27.2
125 4.0 3.4 5.0





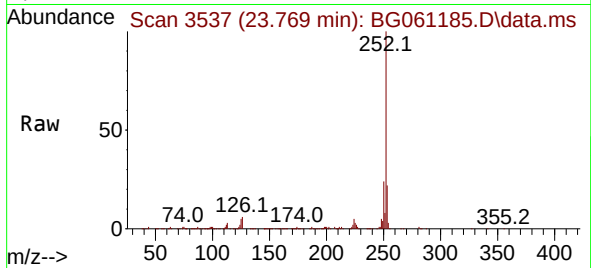
#89
Benzo(k)fluoranthene
Concen: 44.923 ng
RT: 23.769 min Scan# 31
Delta R.T. -0.033 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

PB160877BS

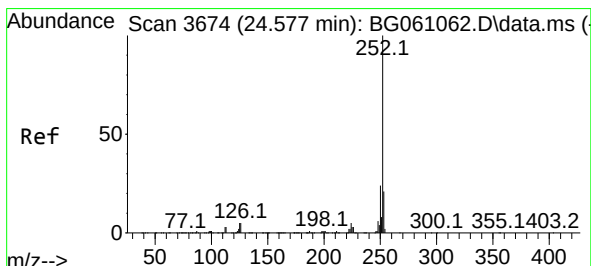
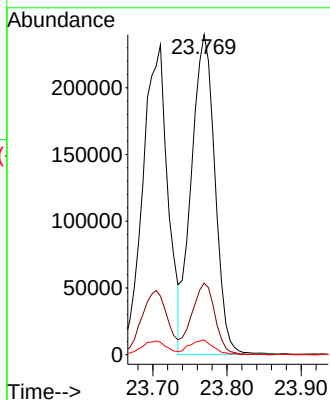
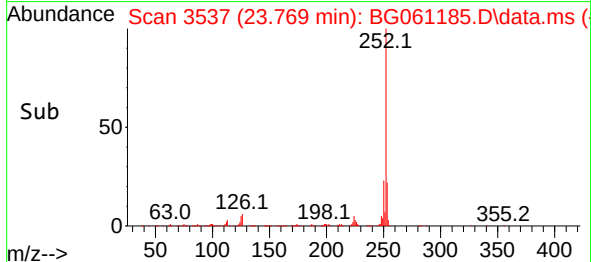


Tgt Ion:252 Resp: 529824
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 4.6 3.2 4.8

Manual Integrations

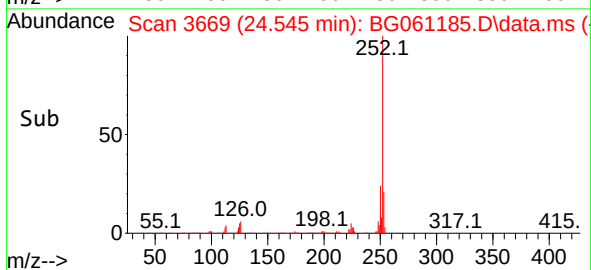
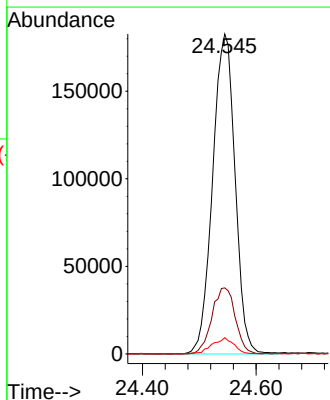
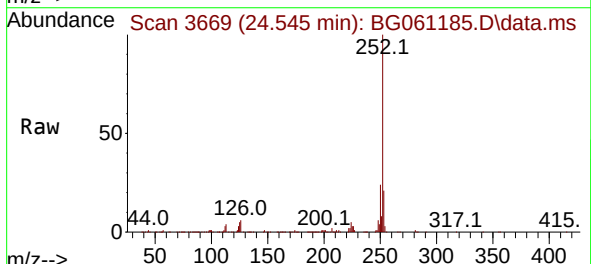
APPROVED

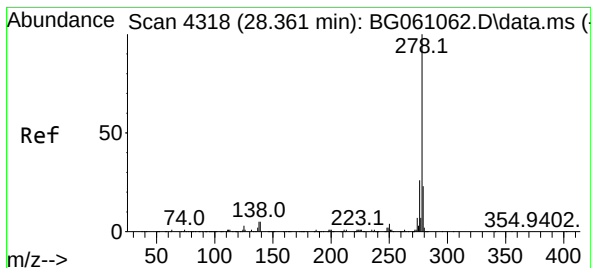
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#90
Benzo(a)pyrene
Concen: 46.898 ng
RT: 24.545 min Scan# 3669
Delta R.T. -0.033 min
Lab File: BG061185.D
Acq: 14 May 2024 11:16

Tgt Ion:252 Resp: 500897
Ion Ratio Lower Upper
252 100
253 20.7 16.9 25.3
125 5.1 3.8 5.8





#91

Dibenzo(a,h)anthracene

Concen: 45.506 ng

RT: 28.299 min Scan# 41

Delta R.T. -0.062 min

Lab File: BG061185.D

Acq: 14 May 2024 11:16

Instrument :

BNA_G

ClientSampleId :

PB160877BS

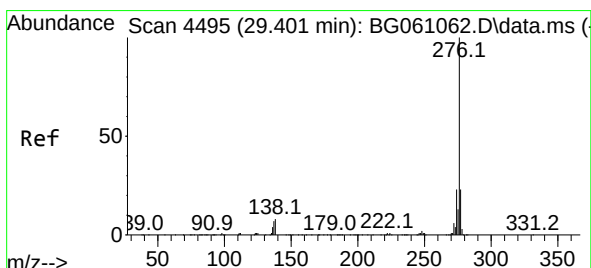
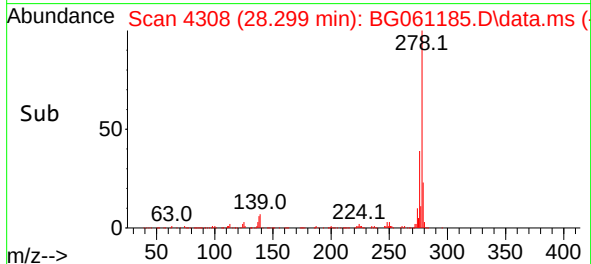
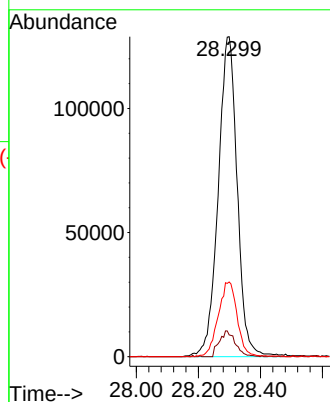
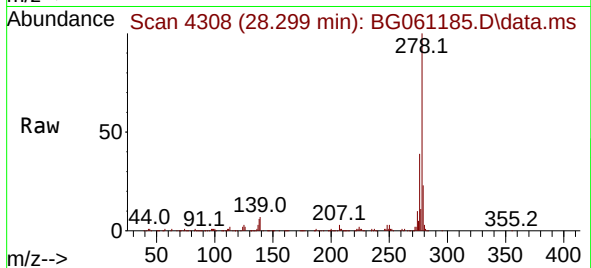
Tgt Ion:278 Resp: 54791

Ion	Ratio	Lower	Upper
278	100		
139	6.8	4.2	6.2
279	23.3	18.0	27.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#92

Benzo(g,h,i)perylene

Concen: 42.495 ng

RT: 29.345 min Scan# 4486

Delta R.T. -0.056 min

Lab File: BG061185.D

Acq: 14 May 2024 11:16

Tgt Ion:276 Resp: 508459

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.2	27.4
138	10.1	6.2	9.2

