

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
 Data File : BG061218.D
 Acq On : 16 May 2024 12:56
 Operator : MA/JU
 Sample : PB160933BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB160933BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 16 13:31:07 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	7.927	152	22127	20.000	ng	-0.03
21) Naphthalene-d8	10.723	136	91112	20.000	ng	-0.03
39) Acenaphthene-d10	14.560	164	77227	20.000	ng	-0.03
64) Phenanthrene-d10	17.310	188	188664	20.000	ng	-0.02
76) Chrysene-d12	21.570	240	186713	20.000	ng	#-0.02
86) Perylene-d12	24.689	264	214339	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.524	112	167404	153.864	ng	-0.02
7) Phenol-d6	7.116	99	228111	141.729	ng	-0.02
23) Nitrobenzene-d5	9.090	82	157486	85.685	ng	-0.03
42) 2,4,6-Tribromophenol	16.052	330	182185	118.024	ng	-0.02
45) 2-Fluorobiphenyl	13.179	172	432956	82.901	ng	-0.03
79) Terphenyl-d14	19.924	244	947153	84.367	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.438	88	13773	31.308	ng	87
3) Pyridine	3.820	79	39259	30.328	ng	95
4) n-Nitrosodimethylamine	3.743	42	48718	39.172	ng	96
6) Aniline	7.251	93	51170	32.070	ng	95
8) 2-Chlorophenol	7.498	128	63384	47.486	ng	98
9) Benzaldehyde	7.069	77	23200	24.438	ng	94
10) Phenol	7.139	94	77991	47.649	ng	96
11) bis(2-Chloroethyl)ether	7.351	93	50676	44.817	ng	97
12) 1,3-Dichlorobenzene	7.821	146	64743	41.144	ng	97
13) 1,4-Dichlorobenzene	7.962	146	67526	41.520	ng	97
14) 1,2-Dichlorobenzene	8.279	146	65900	41.999	ng	94
15) Benzyl Alcohol	8.168	79	64580	44.480	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.444	45	123316m	50.260	ng	
17) 2-Methylphenol	8.379	107	53487	45.856	ng	96
18) Hexachloroethane	9.008	117	25477	43.902	ng	91
19) n-Nitroso-di-n-propyla...	8.732	70	49380	40.996	ng	97
20) 3+4-Methylphenols	8.708	107	74158	44.067	ng	99
22) Acetophenone	8.749	105	98817	43.550	ng	# 95
24) Nitrobenzene	9.131	77	77687	43.207	ng	96
25) Isophorone	9.648	82	135652	39.927	ng	95
26) 2-Nitrophenol	9.836	139	36315	42.629	ng	92
27) 2,4-Dimethylphenol	9.907	122	47244	48.103	ng	98
28) bis(2-Chloroethoxy)met...	10.130	93	74506	44.683	ng	# 95
29) 2,4-Dichlorophenol	10.383	162	68670	44.624	ng	92
30) 1,2,4-Trichlorobenzene	10.588	180	76732	41.383	ng	97
31) Naphthalene	10.776	128	196042	41.401	ng	99
32) Benzoic acid	10.077	122	23745m	20.914	ng	
33) 4-Chloroaniline	10.882	127	53567	28.365	ng	96
34) Hexachlorobutadiene	11.058	225	62987	39.590	ng	95
35) Caprolactam	11.669	113	21070m	38.020	ng	
36) 4-Chloro-3-methylphenol	12.022	107	79786	42.997	ng	94
37) 2-Methylnaphthalene	12.386	142	143919	40.559	ng	99
38) 1-Methylnaphthalene	12.604	142	134658	37.695	ng	95
40) 1,2,4,5-Tetrachloroben...	12.750	216	111935	43.431	ng	99
41) Hexachlorocyclopentadiene	12.733	237	97041	98.356	ng	95
43) 2,4,6-Trichlorophenol	12.997	196	68808	41.585	ng	96

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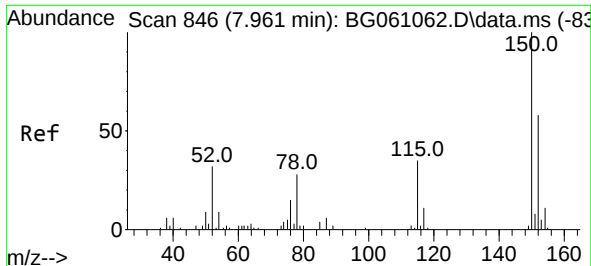
Manual Integrations
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Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 16 13:31:07 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	13.079	196	76817	41.020	ng	94
46) 1,1'-Biphenyl	13.391	154	208220	42.050	ng	97
47) 2-Chloronaphthalene	13.438	162	164073	41.380	ng	100
48) 2-Nitroaniline	13.638	65	67373	45.790	ng	91
49) Acenaphthylene	14.284	152	277936	45.639	ng	99
50) Dimethylphthalate	14.020	163	248380	41.640	ng	99
51) 2,6-Dinitrotoluene	14.137	165	52072	40.813	ng	95
52) Acenaphthene	14.625	154	156124	41.096	ng	98
53) 3-Nitroaniline	14.466	138	36709	31.445	ng	98
54) 2,4-Dinitrophenol	14.683	184	62938	69.876	ng	99
55) Dibenzofuran	14.960	168	270612	42.172	ng	97
56) 4-Nitrophenol	14.801	139	68521	72.627	ng	98
57) 2,4-Dinitrotoluene	14.930	165	78159	41.406	ng	93
58) Fluorene	15.612	166	226863	40.856	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.195	232	75089	38.952	ng	# 97
60) Diethylphthalate	15.383	149	244049	40.572	ng	99
61) 4-Chlorophenyl-phenyle...	15.600	204	135847	40.744	ng	95
62) 4-Nitroaniline	15.635	138	51487	40.664	ng	93
63) Azobenzene	15.894	77	205710	43.932	ng	98
65) 4,6-Dinitro-2-methylph...	15.700	198	49784	42.530	ng	94
66) n-Nitrosodiphenylamine	15.817	169	211001	45.100	ng	96
67) 4-Bromophenyl-phenylether	16.493	248	100049	45.017	ng	95
68) Hexachlorobenzene	16.617	284	120407	43.528	ng	98
69) Atrazine	16.769	200	93659	48.542	ng	98
70) Pentachlorophenol	16.969	266	107126m	63.036	ng	
71) Phenanthrene	17.351	178	384567	44.580	ng	99
72) Anthracene	17.445	178	389315	45.228	ng	99
73) Carbazole	17.715	167	331881	43.851	ng	100
74) Di-n-butylphthalate	18.273	149	398614	44.293	ng	100
75) Fluoranthene	19.366	202	498534	42.184	ng	99
77) Benzidine	19.543	184	92997	27.445	ng	96
78) Pyrene	19.725	202	512541	43.178	ng	99
80) Butylbenzylphthalate	20.618	149	166829	44.399	ng	95
81) Benzo(a)anthracene	21.552	228	539024	44.117	ng	99
82) 3,3'-Dichlorobenzidine	21.464	252	138878	31.585	ng	97
83) Chrysene	21.617	228	507210	44.309	ng	99
84) Bis(2-ethylhexyl)phtha...	21.464	149	234436	47.779	ng	99
85) Di-n-octyl phthalate	22.639	149	399822	46.186	ng	99
87) Indeno(1,2,3-cd)pyrene	28.238	276	649282	45.709	ng	99
88) Benzo(b)fluoranthene	23.702	252	516012	43.082	ng	98
89) Benzo(k)fluoranthene	23.773	252	534058m	46.349	ng	
90) Benzo(a)pyrene	24.548	252	485375	46.515	ng	98
91) Dibenzo(a,h)anthracene	28.297	278	533451	45.348	ng	# 97
92) Benzo(g,h,i)perylene	29.349	276	499113	42.696	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.927 min Scan# 846
Delta R.T. -0.034 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

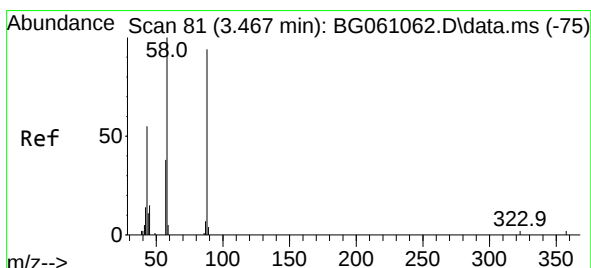
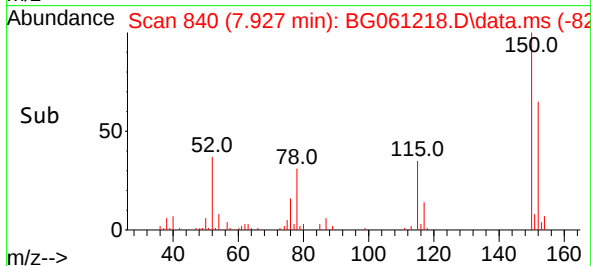
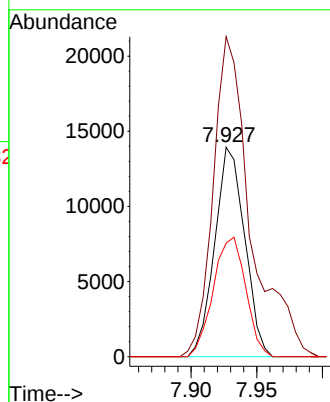
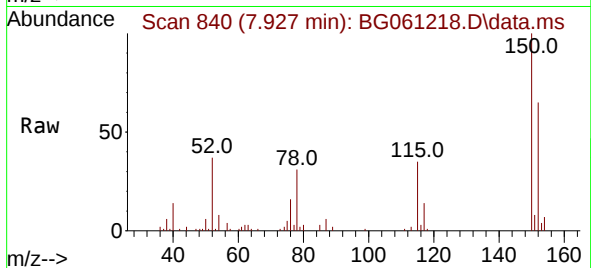
PB160933BS

Tgt Ion:152 Resp: 2212
Ion Ratio Lower Upper
152 100
150 152.7 138.3 207.5
115 54.2 48.0 72.0

Manual Integrations

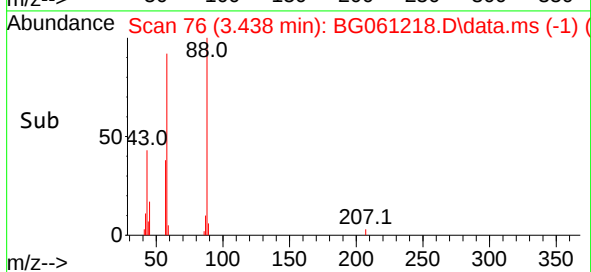
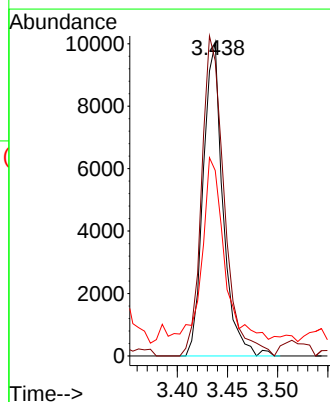
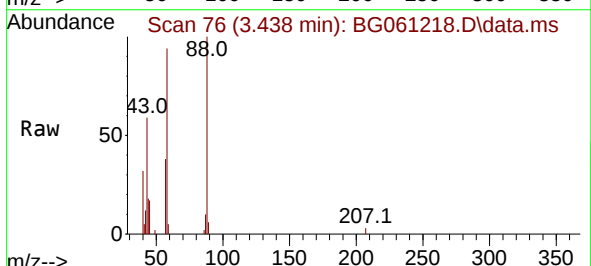
APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#2
1,4-Dioxane
Concen: 31.308 ng
RT: 3.438 min Scan# 76
Delta R.T. -0.029 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Tgt Ion: 88 Resp: 13773
Ion Ratio Lower Upper
88 100
58 116.7 81.2 121.8
43 62.0 45.0 67.4





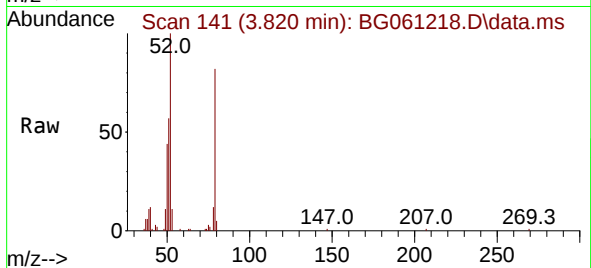
#3
Pyridine
Concen: 30.328 ng
RT: 3.820 min Scan# 147
Delta R.T. -0.035 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Instrument :

BNA_G

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PB160933BS

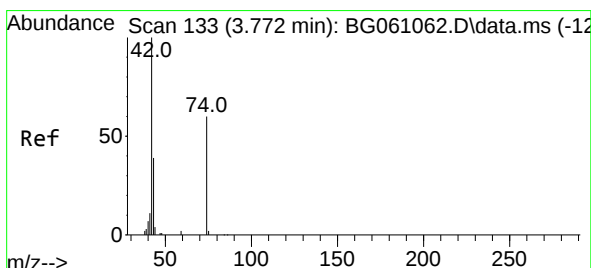
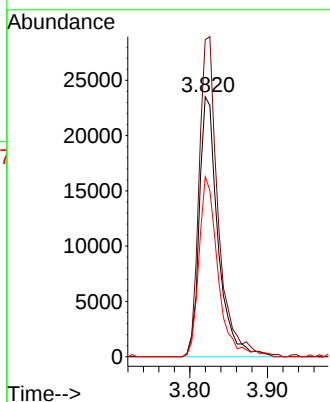
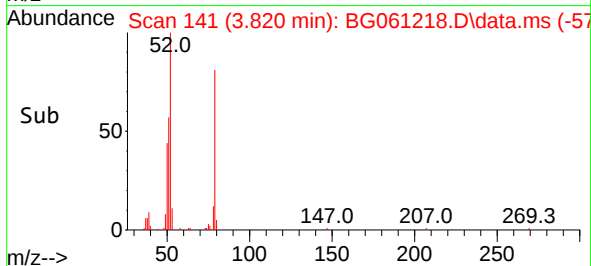


Tgt Ion: 79 Resp: 3925
Ion Ratio Lower Upper
79 100
52 122.0 91.6 137.4
51 69.2 57.0 85.4

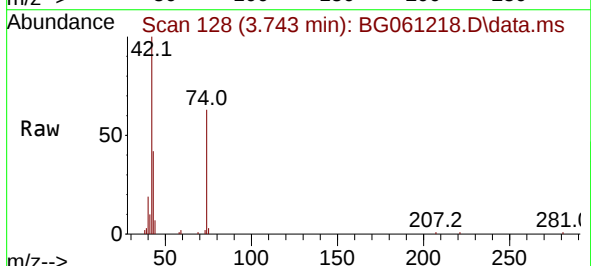
Manual Integrations

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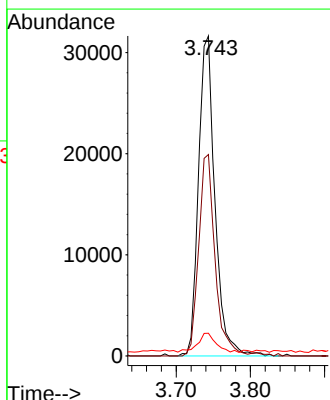
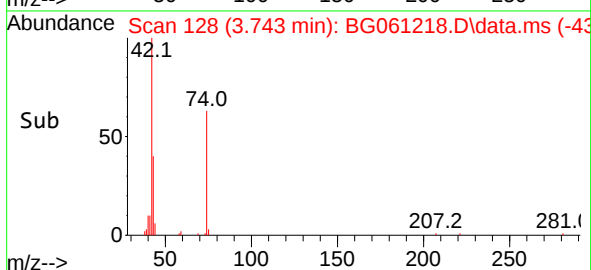
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Supervised By :mohammad ahmed 05/18/2024

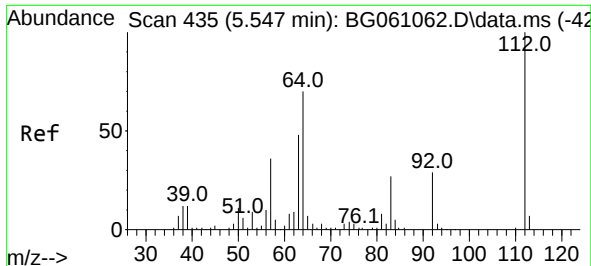


#4
n-Nitrosodimethylamine
Concen: 39.172 ng
RT: 3.743 min Scan# 128
Delta R.T. -0.029 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56



Tgt Ion: 42 Resp: 48718
Ion Ratio Lower Upper
42 100
74 62.9 47.8 71.8
44 7.1 4.7 7.1





#5
2-Fluorophenol
Concen: 153.864 ng
RT: 5.524 min Scan# 411
Delta R.T. -0.023 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

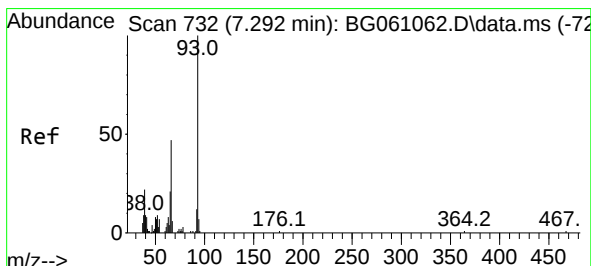
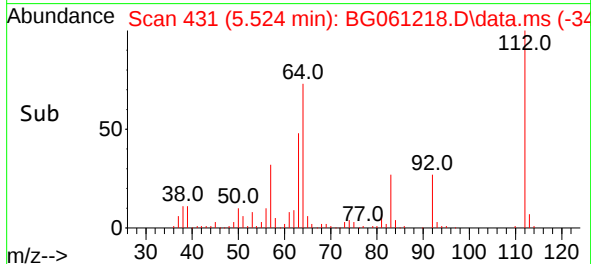
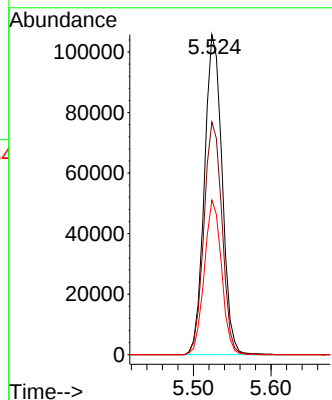
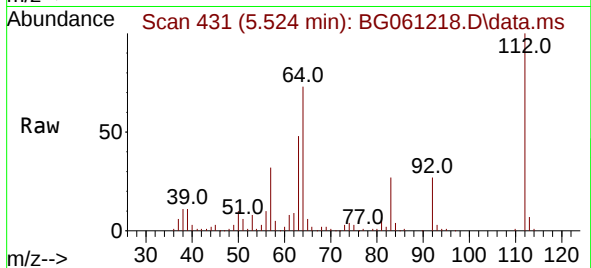
PB160933BS

Tgt Ion:112 Resp: 167404
Ion Ratio Lower Upper
112 100
64 72.7 55.7 83.5
63 48.3 38.1 57.1

Manual Integrations

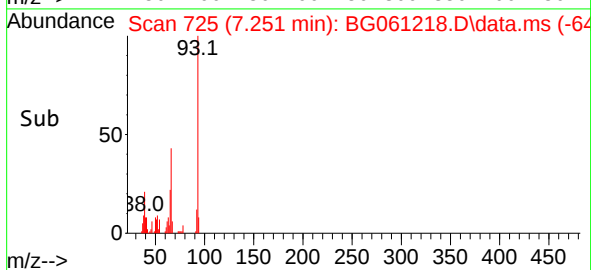
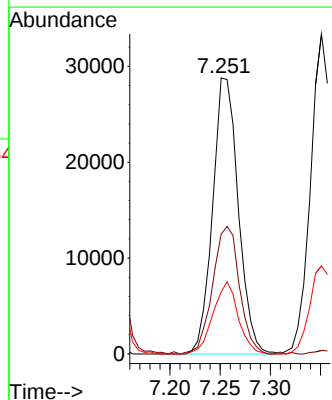
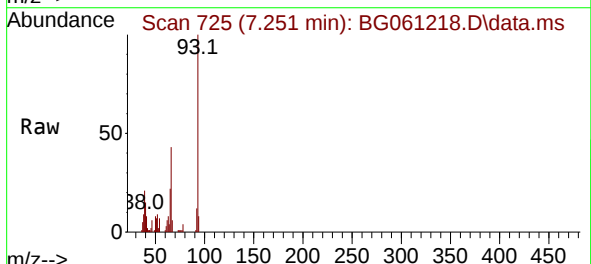
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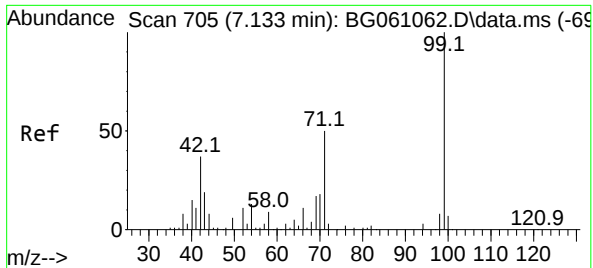
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#6
Aniline
Concen: 32.070 ng
RT: 7.251 min Scan# 725
Delta R.T. -0.041 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

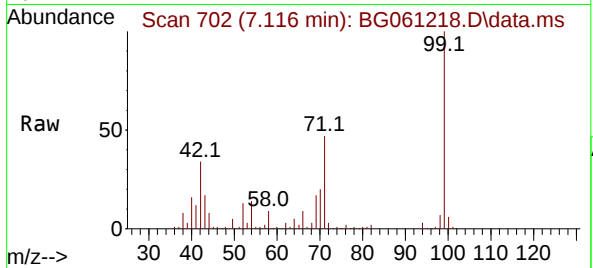
Tgt Ion: 93 Resp: 51170
Ion Ratio Lower Upper
93 100
66 43.4 37.4 56.0
65 22.4 16.6 24.8





#7
Phenol-d6
Concen: 141.729 ng
RT: 7.116 min Scan# 705
Delta R.T. -0.017 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

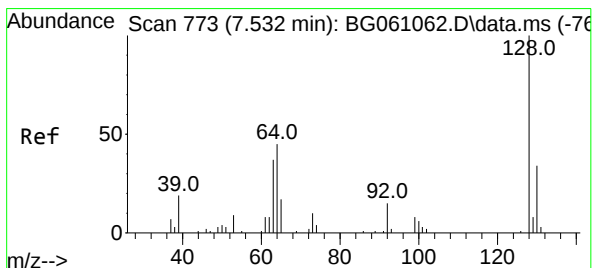
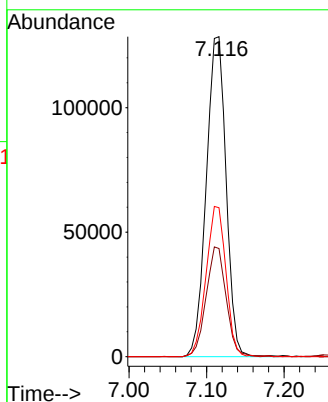
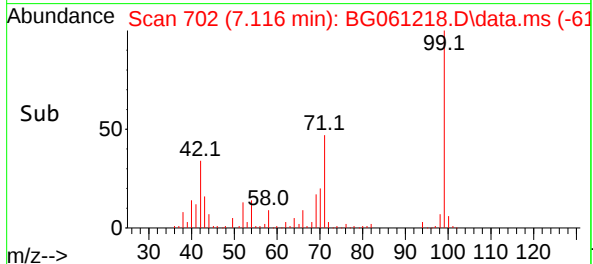
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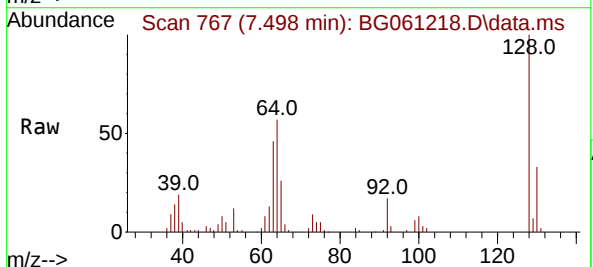
Tgt Ion: 99 Resp: 22811
Ion Ratio Lower Upper
99 100
42 33.8 29.2 43.8
71 46.6 39.7 59.5

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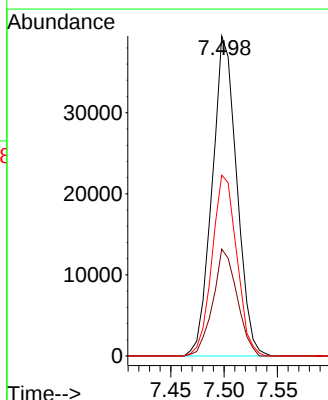
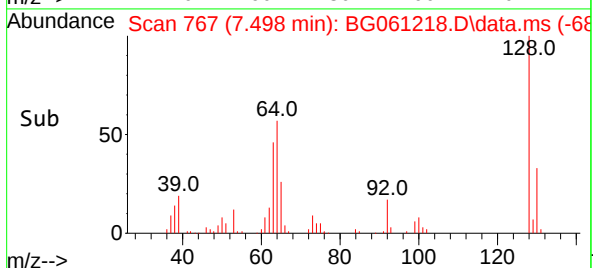
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#8
2-Chlorophenol
Concen: 47.486 ng
RT: 7.498 min Scan# 767
Delta R.T. -0.035 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56



Tgt Ion:128 Resp: 63384
Ion Ratio Lower Upper
128 100
130 33.4 14.1 54.1
64 56.5 34.8 74.8





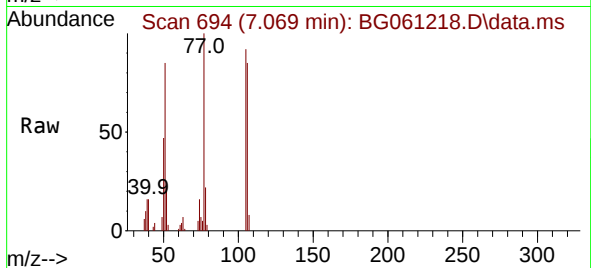
#9
Benzaldehyde
Concen: 24.438 ng
RT: 7.069 min Scan# 694
Delta R.T. -0.035 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

PB160933BS

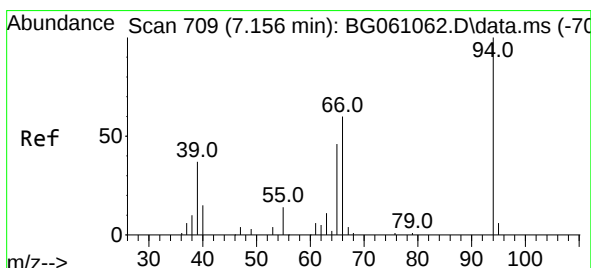
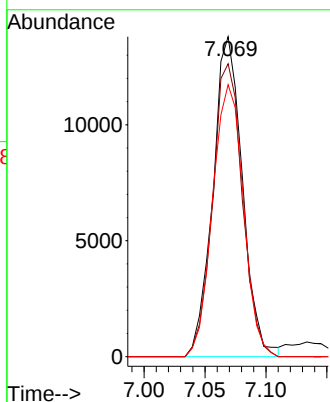
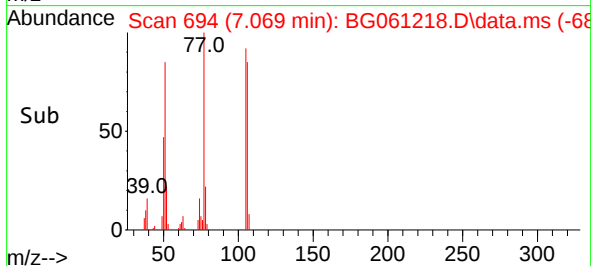


Tgt Ion: 77 Resp: 23200
Ion Ratio Lower Upper
77 100
105 91.6 76.0 116.0
106 85.0 72.3 112.3

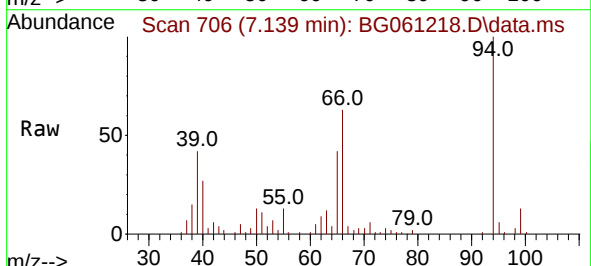
Manual Integrations

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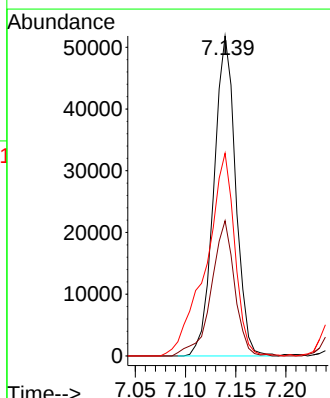
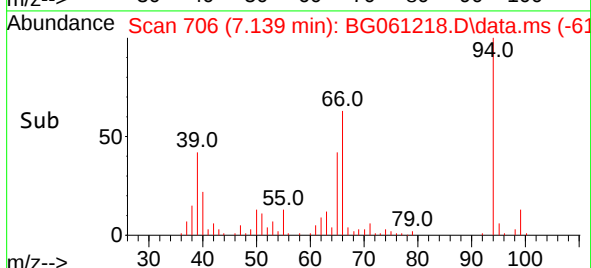
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#10
Phenol
Concen: 47.649 ng
RT: 7.139 min Scan# 706
Delta R.T. -0.017 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56



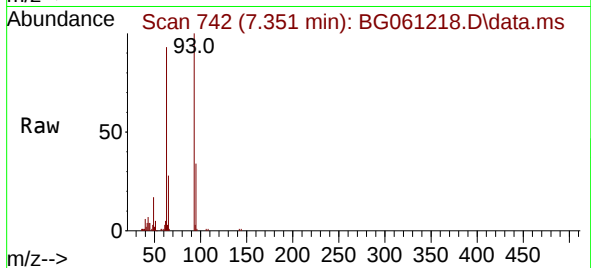
Tgt Ion: 94 Resp: 77991
Ion Ratio Lower Upper
94 100
65 42.3 26.8 66.8
66 63.4 44.7 84.7





#11
bis(2-Chloroethyl)ether
Concen: 44.817 ng
RT: 7.351 min Scan# 748
Delta R.T. -0.035 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

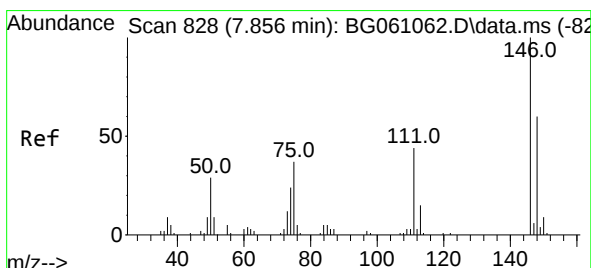
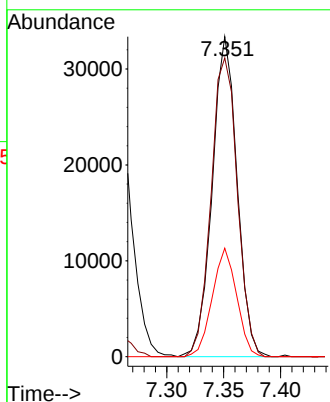
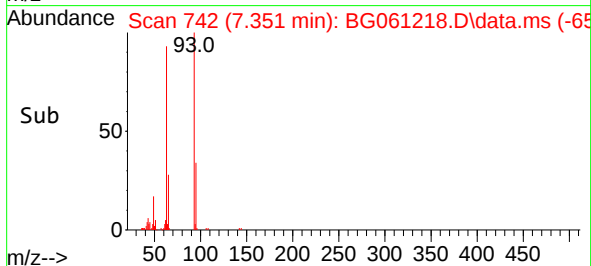
Instrument :
BNA_G
ClientSampleId :
PB160933BS



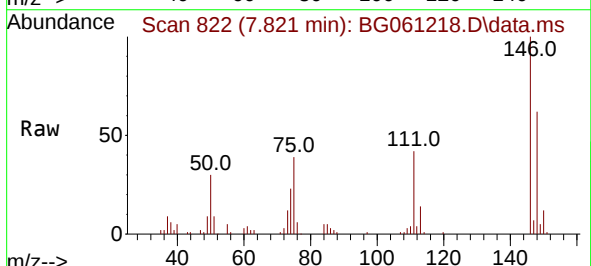
Tgt Ion: 93 Resp: 50670
Ion Ratio Lower Upper
93 100
63 93.4 76.8 116.8
95 33.9 13.6 53.6

Manual Integrations
APPROVED

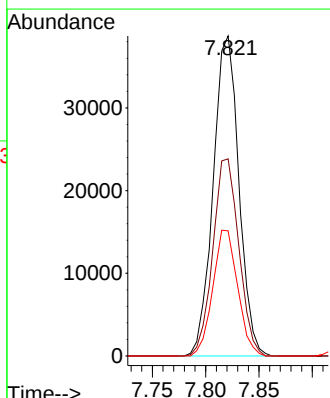
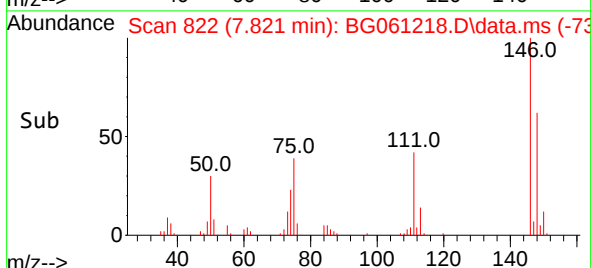
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

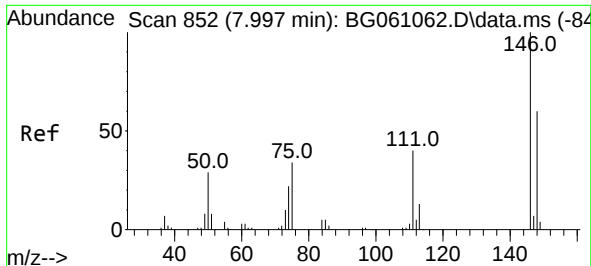


#12
1,3-Dichlorobenzene
Concen: 41.144 ng
RT: 7.821 min Scan# 822
Delta R.T. -0.035 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56



Tgt Ion:146 Resp: 64743
Ion Ratio Lower Upper
146 100
148 61.6 48.0 72.0
75 39.1 29.5 44.3





#13

1,4-Dichlorobenzene

Concen: 41.520 ng

RT: 7.962 min Scan# 84

Delta R.T. -0.035 min

Lab File: BG061218.D

Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

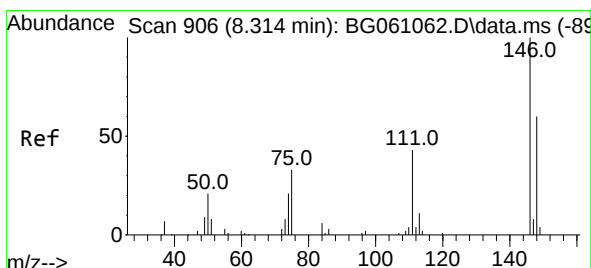
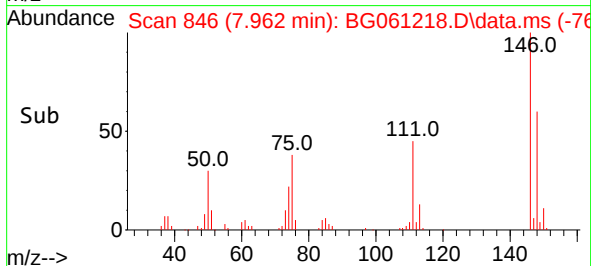
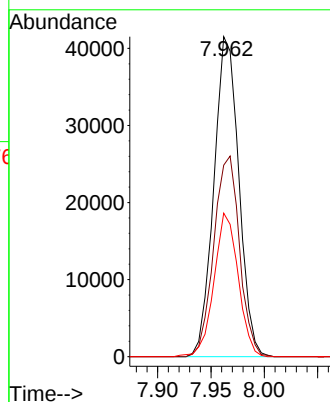
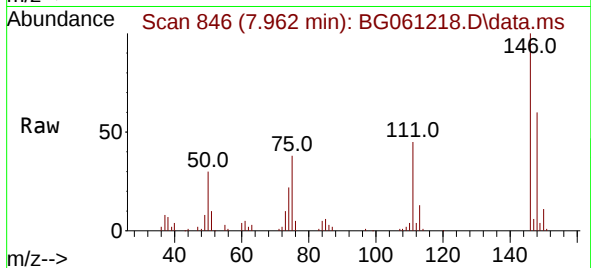
PB160933BS

Tgt Ion:146 Resp: 67520
 Ion Ratio Lower Upper
 146 100
 148 59.9 48.1 72.1
 111 44.9 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024



#14

1,2-Dichlorobenzene

Concen: 41.999 ng

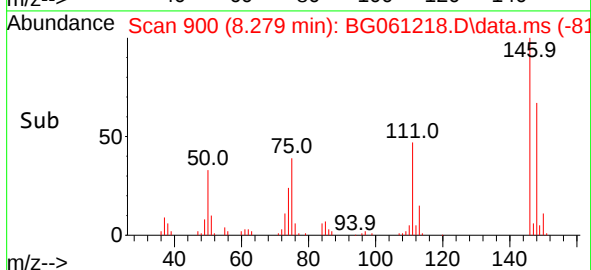
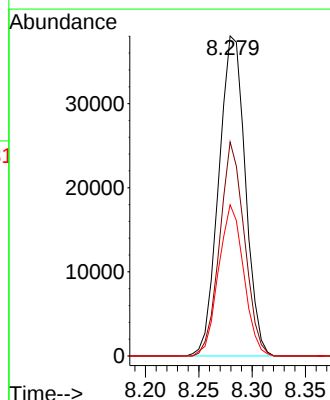
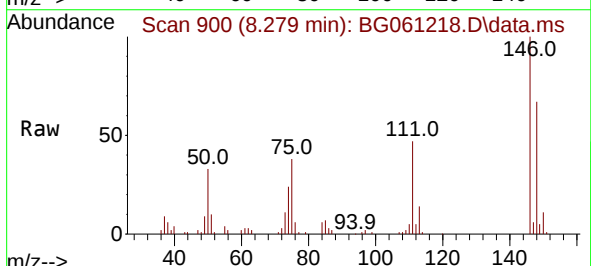
RT: 8.279 min Scan# 900

Delta R.T. -0.035 min

Lab File: BG061218.D

Acq: 16 May 2024 12:56

Tgt Ion:146 Resp: 65900
 Ion Ratio Lower Upper
 146 100
 148 66.9 48.2 72.2
 111 47.2 36.2 54.2





#15
Benzyl Alcohol
Concen: 44.480 ng
RT: 8.168 min Scan# 81
Delta R.T. -0.029 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Instrument :

BNA_G

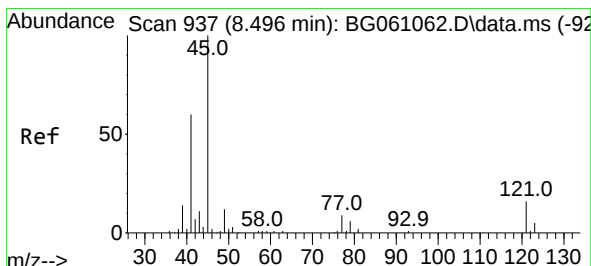
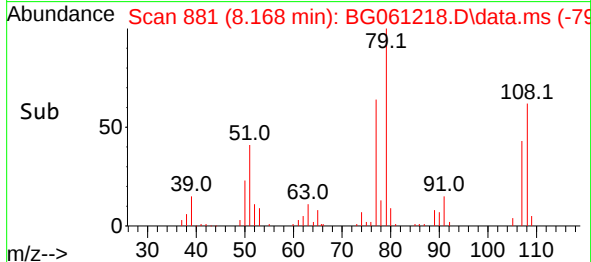
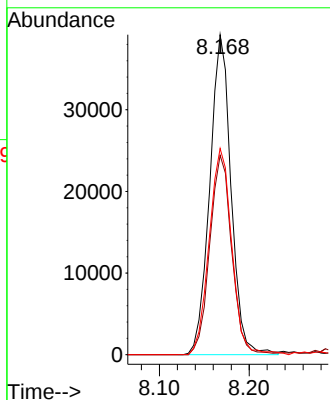
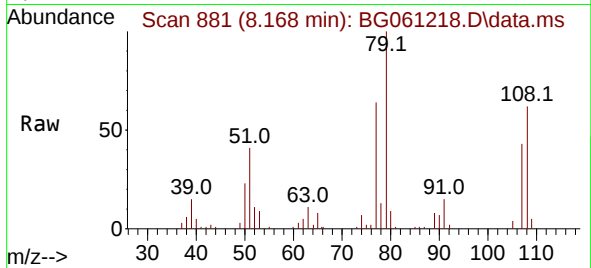
ClientSampleId :

PB160933BS

Tgt Ion: 79 Resp: 64580
Ion Ratio Lower Upper
79 100
108 62.3 51.1 76.7
77 64.5 49.0 73.6

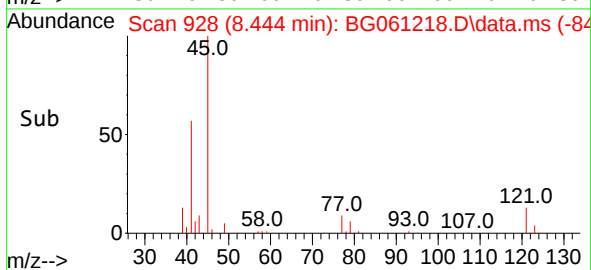
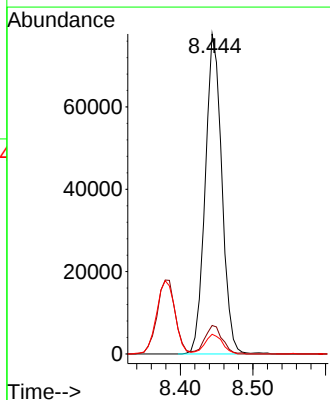
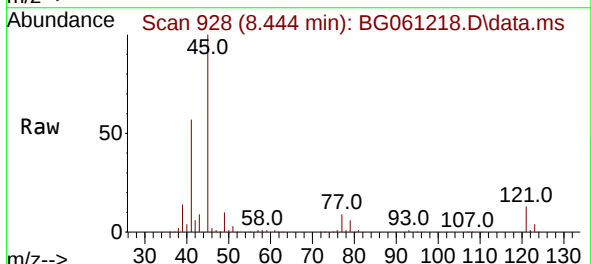
Manual Integrations
APPROVED

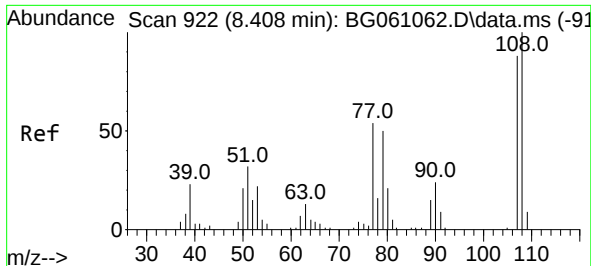
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.260 ng m
RT: 8.444 min Scan# 928
Delta R.T. -0.052 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

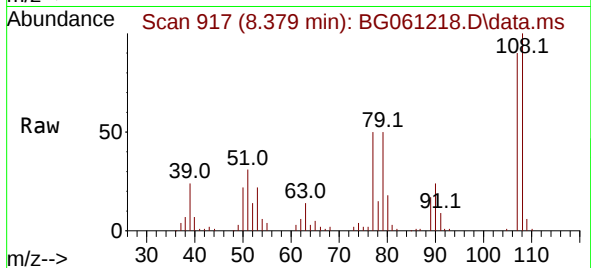
Tgt Ion: 45 Resp: 123316
Ion Ratio Lower Upper
45 100
77 8.9 0.0 30.2
79 6.1 0.0 26.5





#17
2-Methylphenol
Concen: 45.856 ng
RT: 8.379 min Scan# 917
Delta R.T. -0.029 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

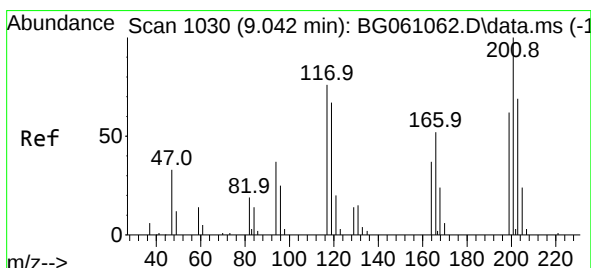
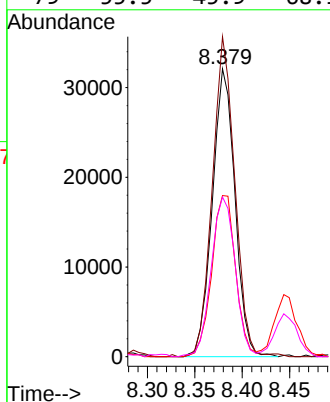
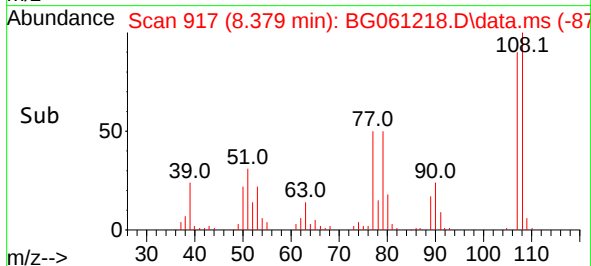
Instrument :
BNA_G
ClientSampleId :
PB160933BS



Tgt Ion:	107	Resp:	5348
Ion Ratio	Lower	Upper	
107	100		
108	111.2	91.4	137.2
77	56.0	49.4	74.2
79	55.5	45.9	68.9

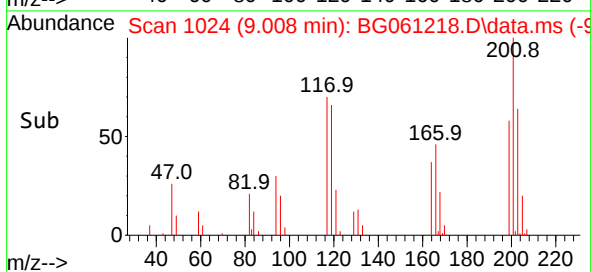
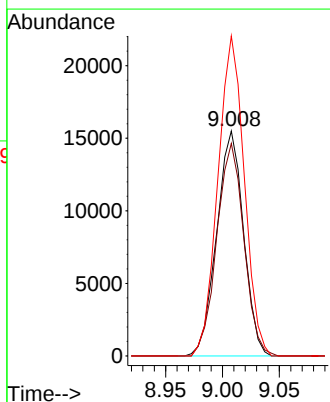
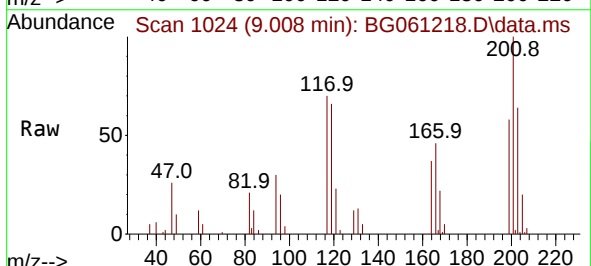
Manual Integrations
APPROVED

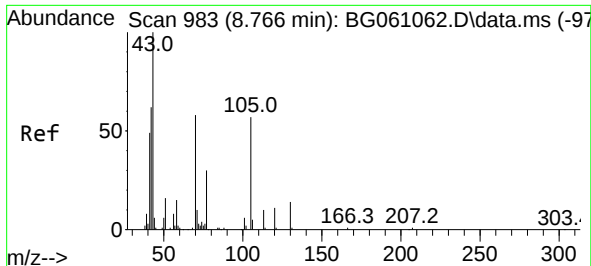
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#18
Hexachloroethane
Concen: 43.902 ng
RT: 9.008 min Scan# 1024
Delta R.T. -0.035 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Tgt Ion:	117	Resp:	25477
Ion Ratio	Lower	Upper	
117	100		
119	94.4	71.4	107.0
201	145.3	105.8	158.8





#19

n-Nitroso-di-n-propylamine

Concen: 40.996 ng

RT: 8.732 min Scan# 91

Delta R.T. -0.035 min

Lab File: BG061218.D

Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

PB160933BS

Tgt Ion: 70 Resp: 49380

Ion Ratio Lower Upper

70 100

42 105.3 86.4 129.6

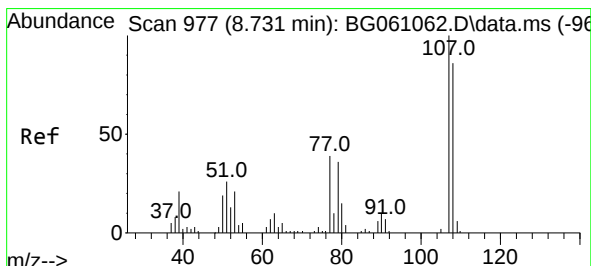
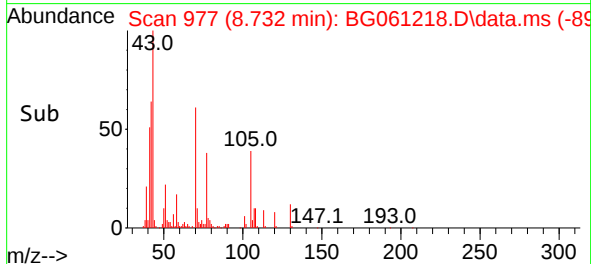
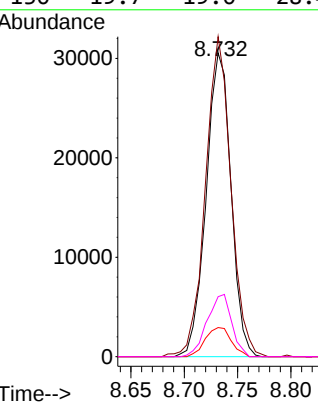
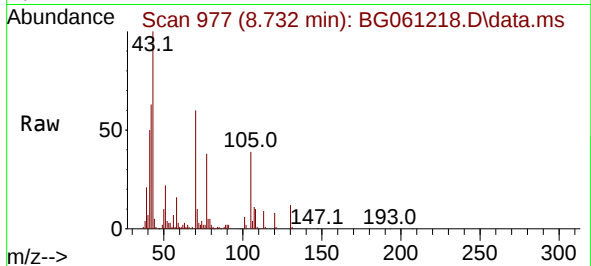
101 9.6 7.8 11.8

130 19.7 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#20

3+4-Methylphenols

Concen: 44.067 ng

RT: 8.708 min Scan# 973

Delta R.T. -0.023 min

Lab File: BG061218.D

Acq: 16 May 2024 12:56

Tgt Ion:107 Resp: 74158

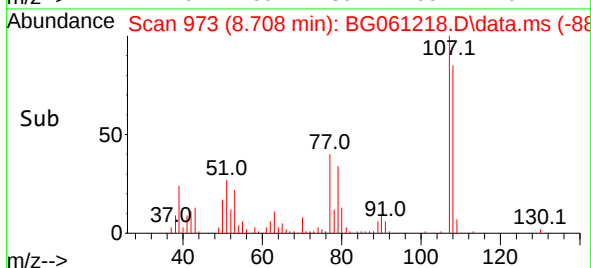
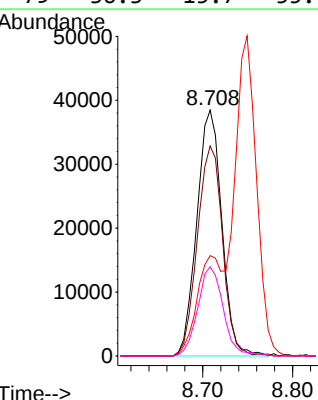
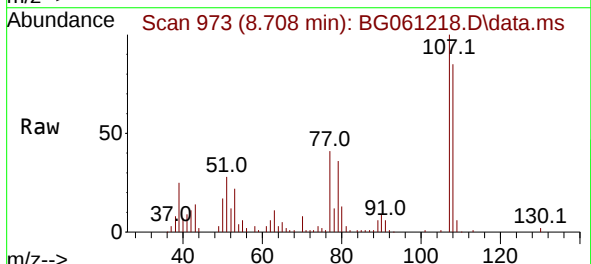
Ion Ratio Lower Upper

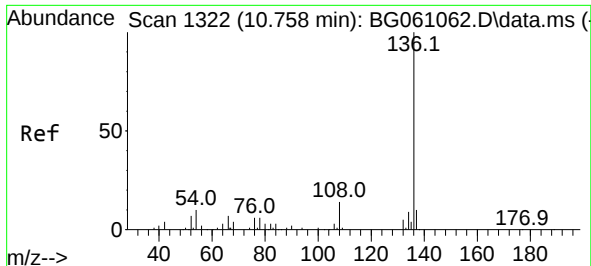
107 100

108 85.5 65.7 105.7

77 40.9 19.4 59.4

79 36.3 15.7 55.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 1111
Delta R.T. -0.035 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

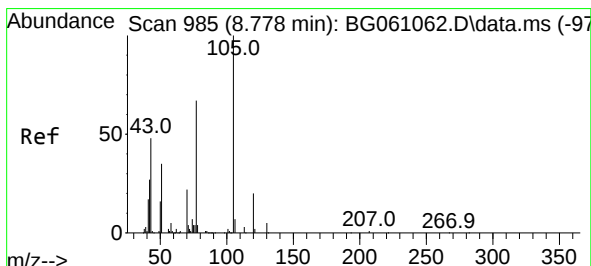
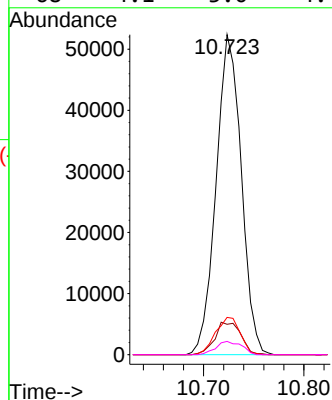
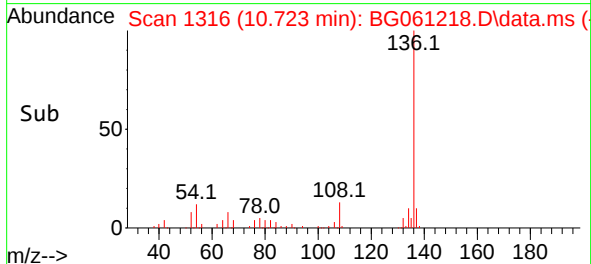
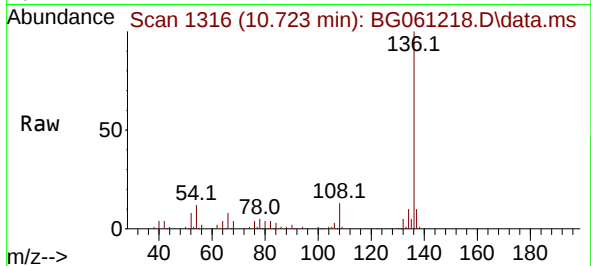
PB160933BS

Tgt Ion:136 Resp: 9111
Ion Ratio Lower Upper
136 100
137 9.5 7.8 11.6
54 11.7 8.1 12.1
68 4.1 3.0 4.4

Manual Integrations

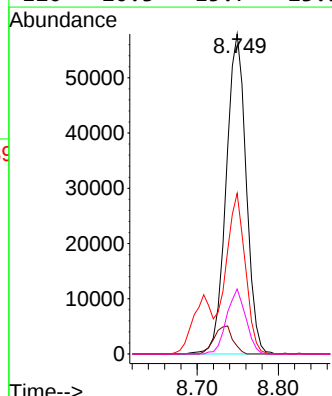
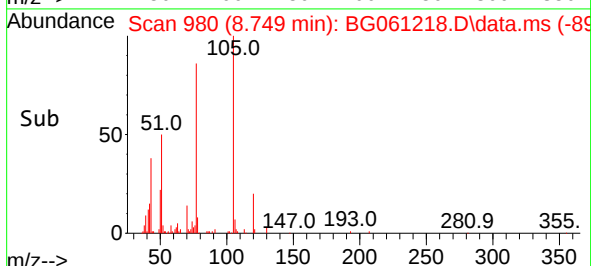
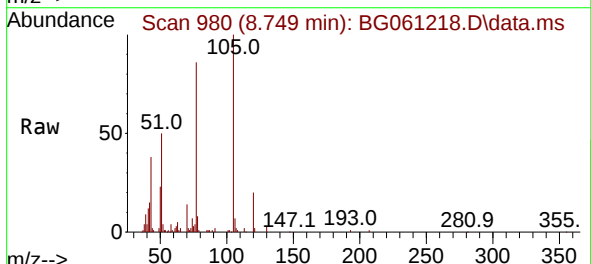
APPROVED

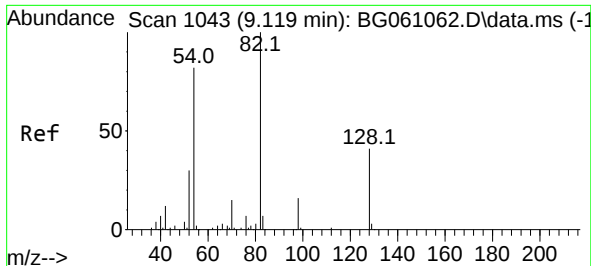
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#22
Acetophenone
Concen: 43.550 ng
RT: 8.749 min Scan# 980
Delta R.T. -0.029 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Tgt Ion:105 Resp: 98817
Ion Ratio Lower Upper
105 100
71 2.5 3.3 4.9#
51 50.2 36.7 55.1
120 20.3 15.7 23.5





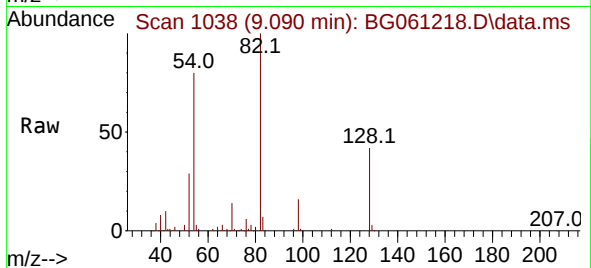
#23
Nitrobenzene-d5
Concen: 85.685 ng
RT: 9.090 min Scan# 1038
Delta R.T. -0.029 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

PB160933BS

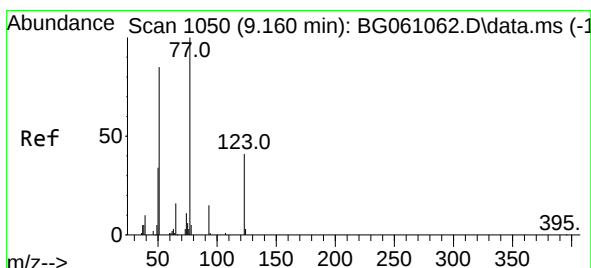
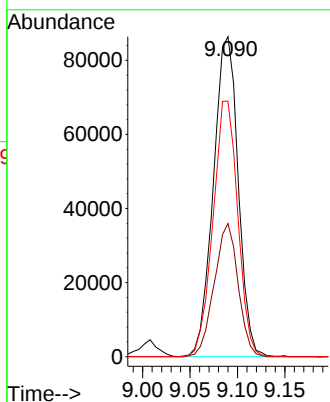
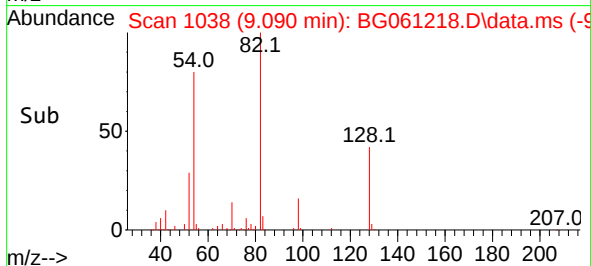


Tgt Ion: 82 Resp: 157486
Ion Ratio Lower Upper
82 100
128 41.6 32.7 49.1
54 79.9 65.6 98.4

Manual Integrations

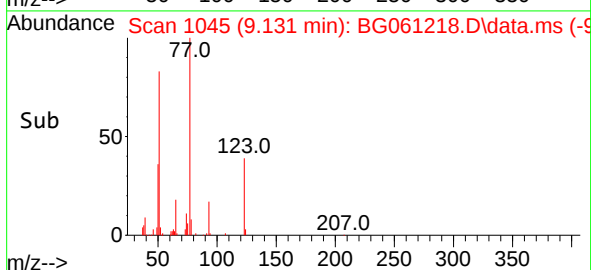
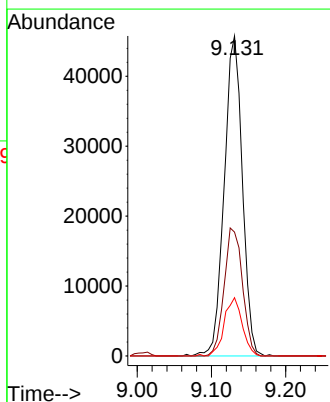
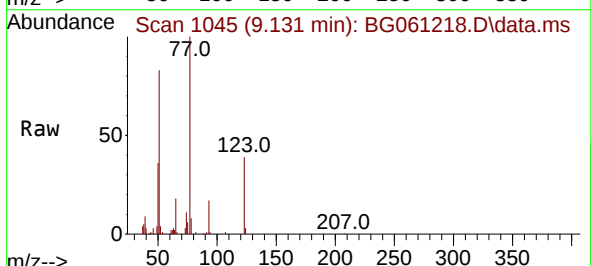
APPROVED

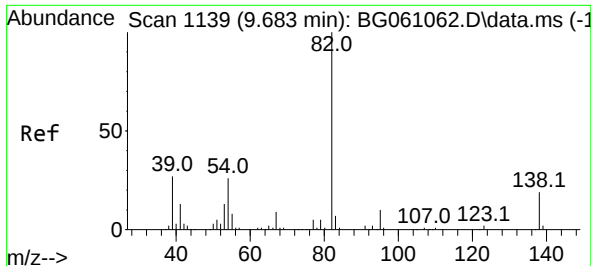
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#24
Nitrobenzene
Concen: 43.207 ng
RT: 9.131 min Scan# 1045
Delta R.T. -0.029 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Tgt Ion: 77 Resp: 77687
Ion Ratio Lower Upper
77 100
123 38.7 33.1 49.7
65 18.2 13.1 19.7





#25
Isophorone
Concen: 39.927 ng
RT: 9.648 min Scan# 1133
Delta R.T. -0.035 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

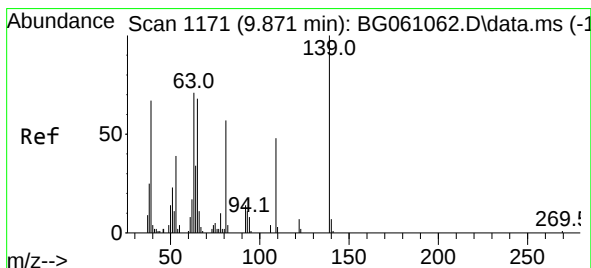
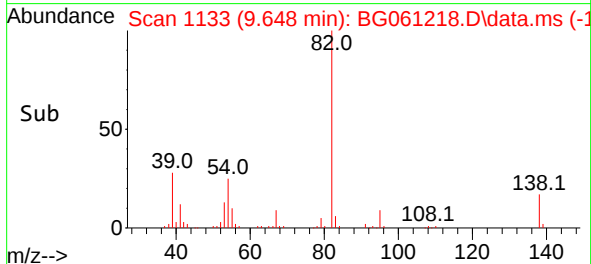
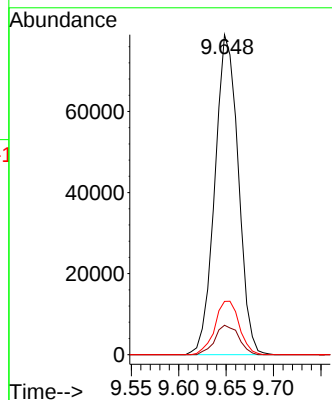
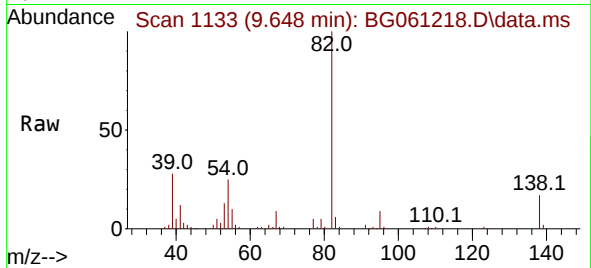
PB160933BS

Tgt Ion: 82 Resp: 135652
Ion Ratio Lower Upper
82 100
95 9.2 8.3 12.5
138 16.6 15.2 22.8

Manual Integrations

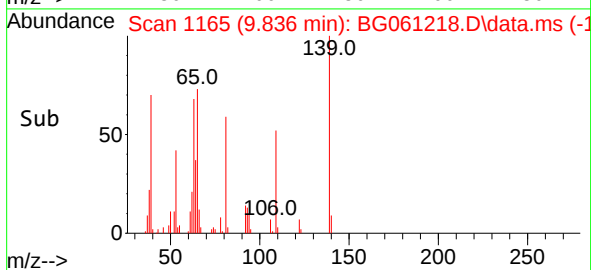
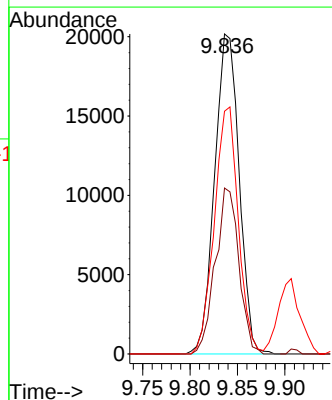
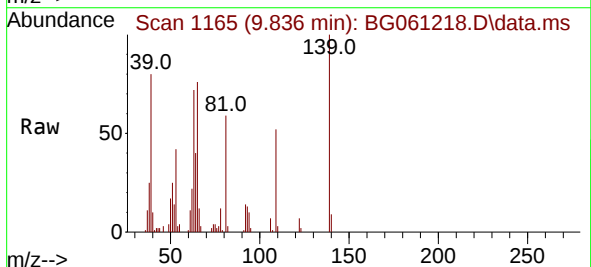
APPROVED

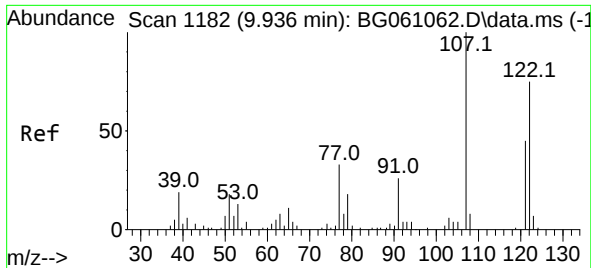
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#26
2-Nitrophenol
Concen: 42.629 ng
RT: 9.836 min Scan# 1165
Delta R.T. -0.035 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Tgt Ion:139 Resp: 36315
Ion Ratio Lower Upper
139 100
109 51.8 38.5 57.7
65 75.9 54.5 81.7





#27

2,4-Dimethylphenol

Concen: 48.103 ng

RT: 9.907 min Scan# 1182

Delta R.T. -0.029 min

Lab File: BG061218.D

Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

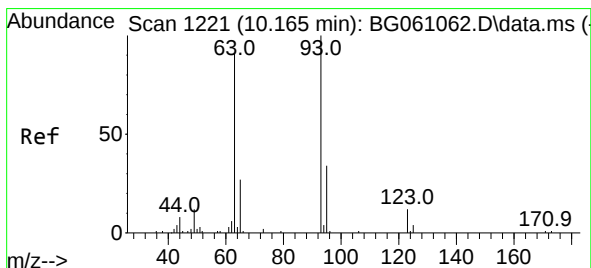
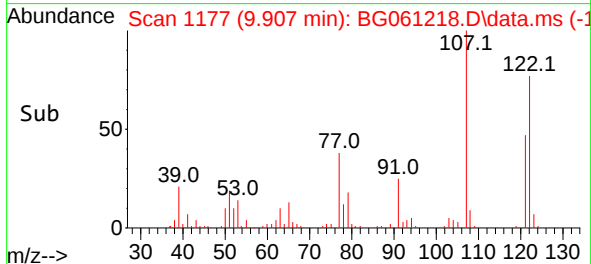
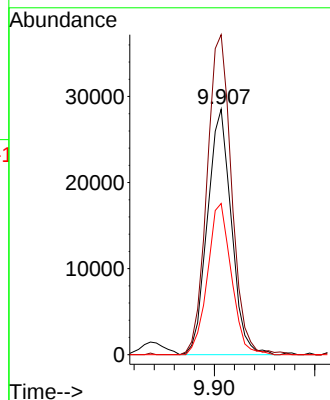
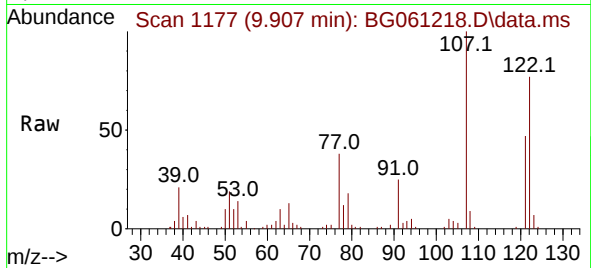
PB160933BS

Tgt Ion:122 Resp: 47244
 Ion Ratio Lower Upper
 122 100
 107 130.3 106.9 160.3
 121 61.6 48.5 72.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024



#28

bis(2-Chloroethoxy)methane

Concen: 44.683 ng

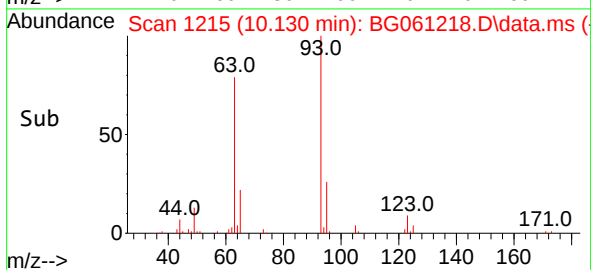
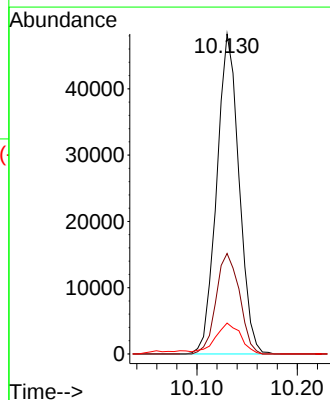
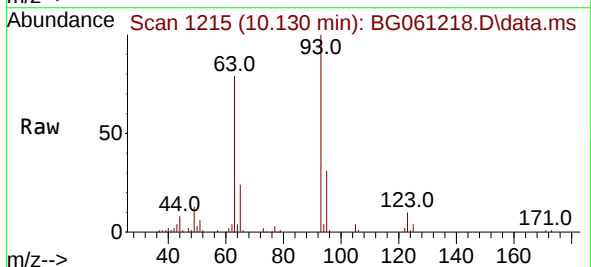
RT: 10.130 min Scan# 1215

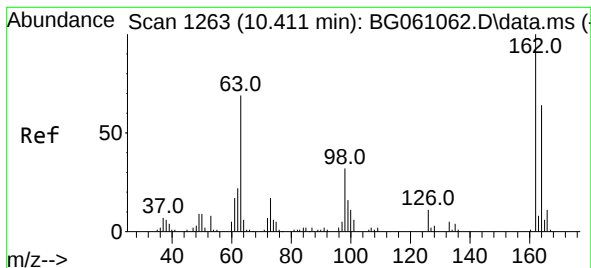
Delta R.T. -0.035 min

Lab File: BG061218.D

Acq: 16 May 2024 12:56

Tgt Ion: 93 Resp: 74506
 Ion Ratio Lower Upper
 93 100
 95 31.4 27.4 41.0
 123 9.7 9.7 14.5





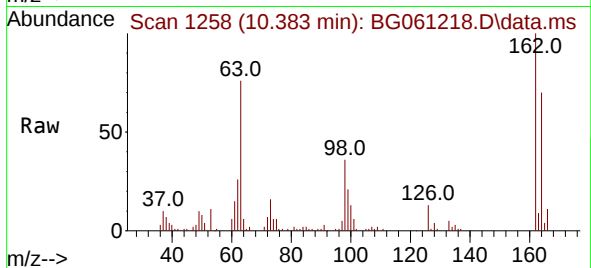
#29
2,4-Dichlorophenol
Concen: 44.624 ng
RT: 10.383 min Scan# 1258
Delta R.T. -0.029 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

PB160933BS

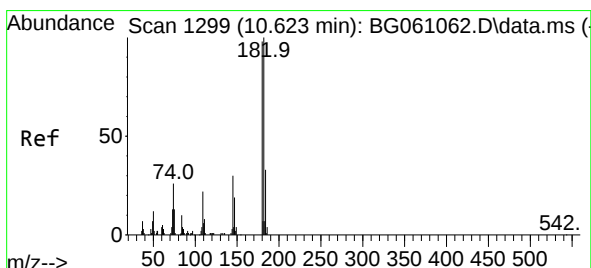
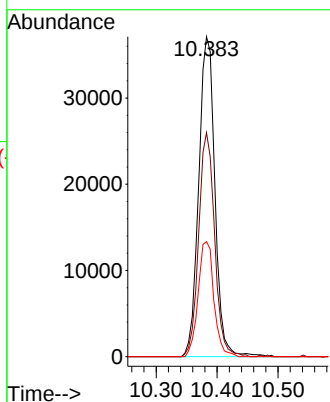
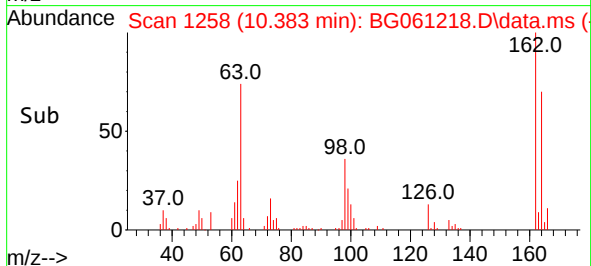


Tgt Ion:162 Resp: 68670
Ion Ratio Lower Upper
162 100
164 70.0 43.6 83.6
98 35.9 12.3 52.3

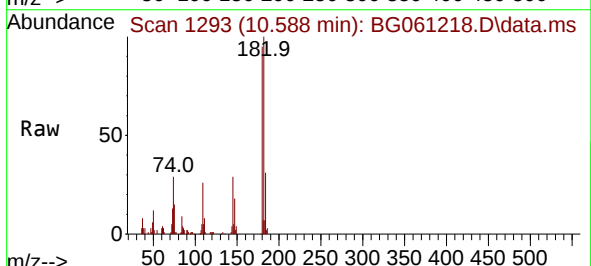
Manual Integrations

APPROVED

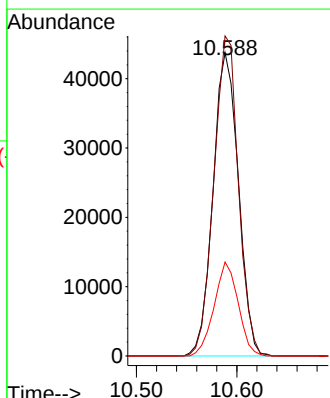
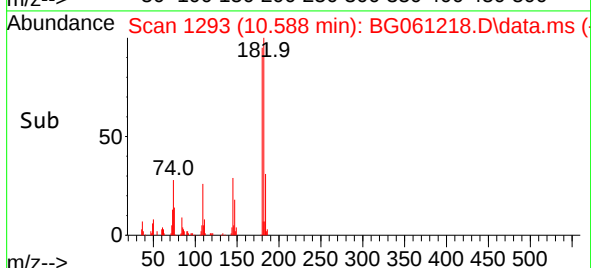
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

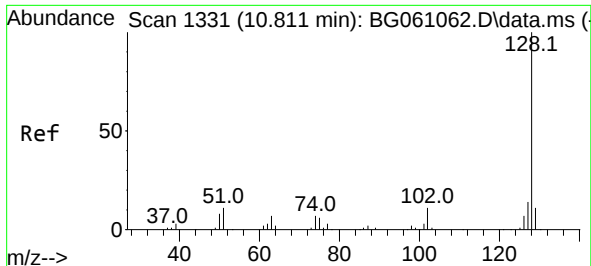


#30
1,2,4-Trichlorobenzene
Concen: 41.383 ng
RT: 10.588 min Scan# 1293
Delta R.T. -0.035 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56



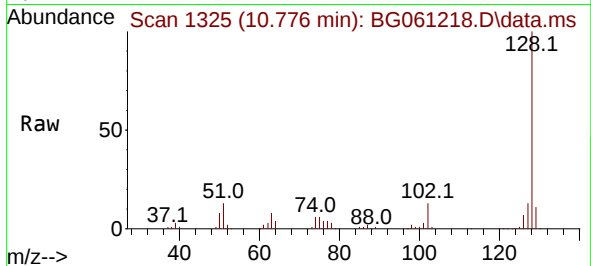
Tgt Ion:180 Resp: 76732
Ion Ratio Lower Upper
180 100
182 105.5 81.7 122.5
145 31.0 24.5 36.7





#31
Naphthalene
Concen: 41.401 ng
RT: 10.776 min Scan# 11
Delta R.T. -0.035 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

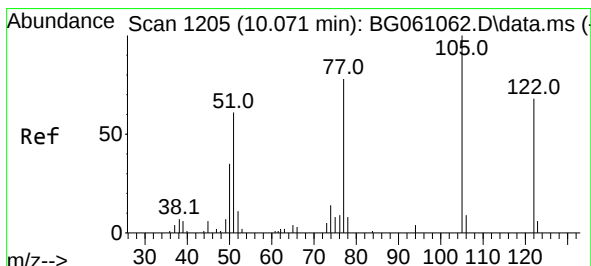
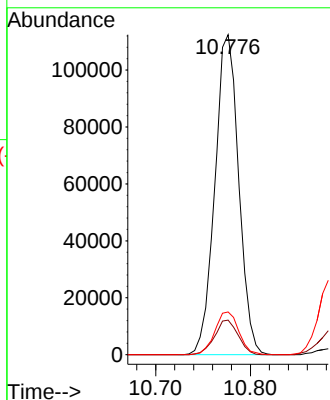
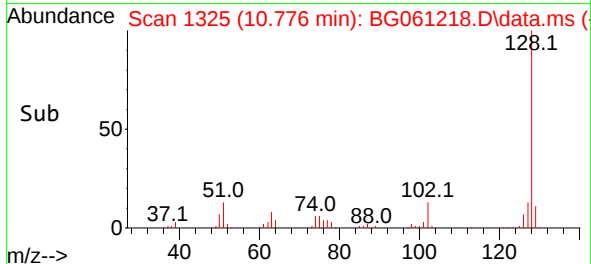
Instrument :
BNA_G
ClientSampleId :
PB160933BS



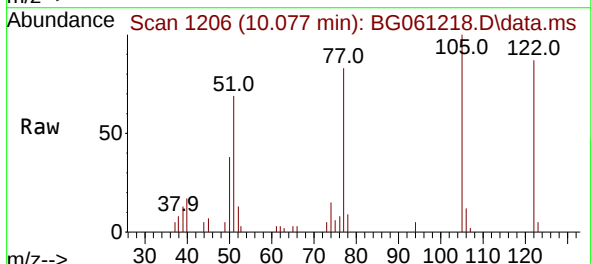
Tgt Ion:128 Resp: 19604
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.4 11.1 16.7

Manual Integrations
APPROVED

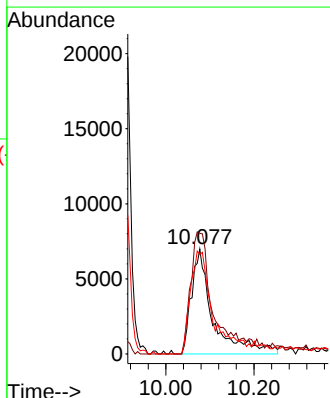
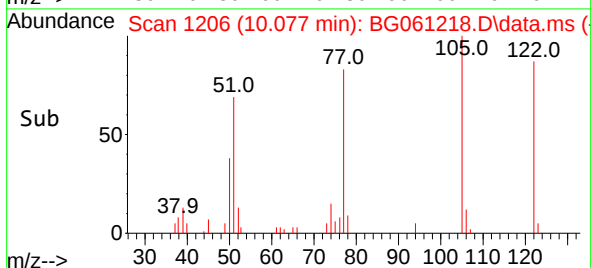
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

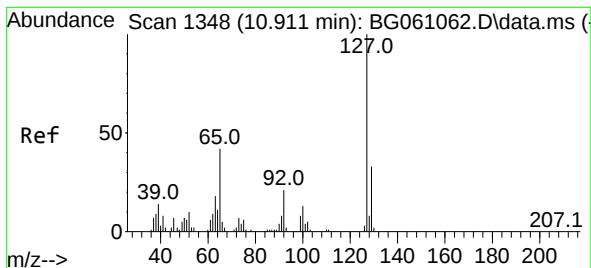


#32
Benzoic acid
Concen: 20.914 ng m
RT: 10.077 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56



Tgt Ion:122 Resp: 23745
Ion Ratio Lower Upper
122 100
105 114.9 123.3 163.3#
77 94.9 93.2 133.2





#33
4-Chloroaniline
Concen: 28.365 ng
RT: 10.882 min Scan# 11
Delta R.T. -0.029 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

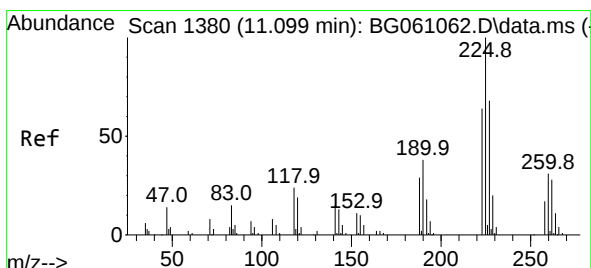
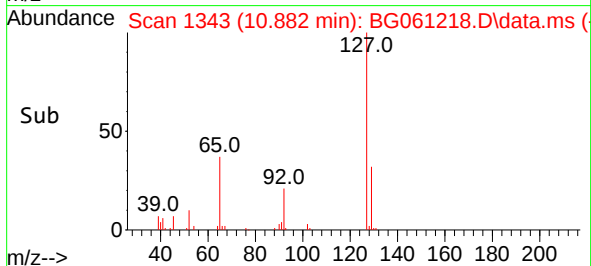
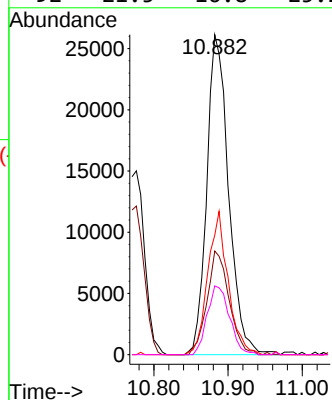
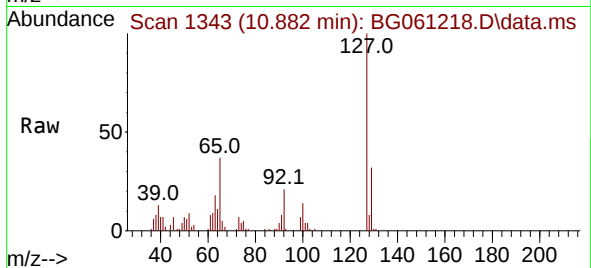
PB160933BS

Tgt Ion:	127	Resp:	5356
Ion Ratio	Lower	Upper	
127	100		
129	32.4	26.6	39.8
65	37.4	33.6	50.4
92	21.5	16.8	25.2

Manual Integrations

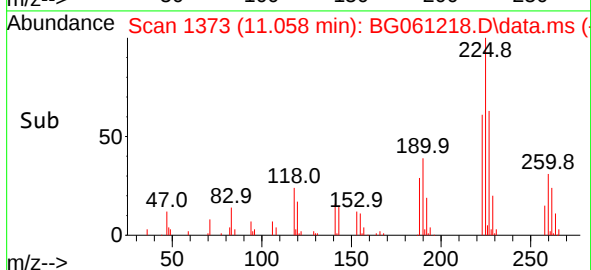
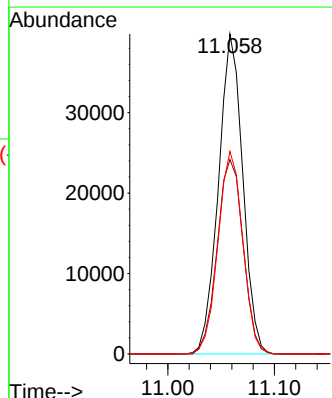
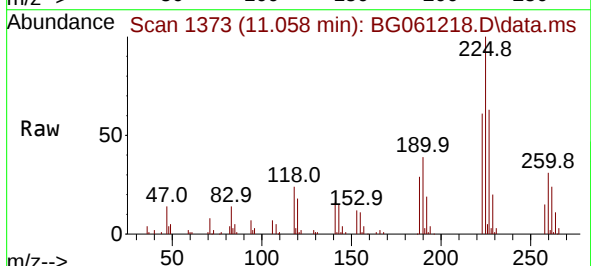
APPROVED

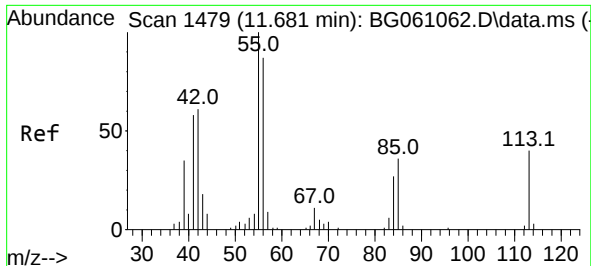
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#34
Hexachlorobutadiene
Concen: 39.590 ng
RT: 11.058 min Scan# 1373
Delta R.T. -0.041 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Tgt Ion:	225	Resp:	62987
Ion Ratio	Lower	Upper	
225	100		
223	60.8	51.0	76.4
227	63.3	54.6	82.0





#35
Caprolactam
Concen: 38.020 ng m
RT: 11.669 min Scan# 1479
Delta R.T. -0.011 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

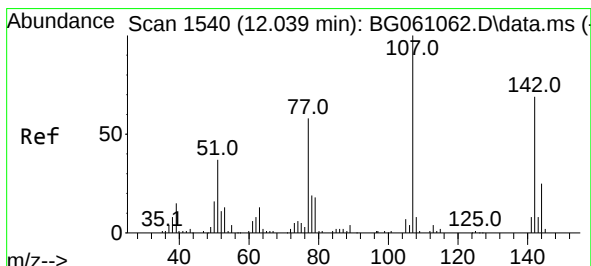
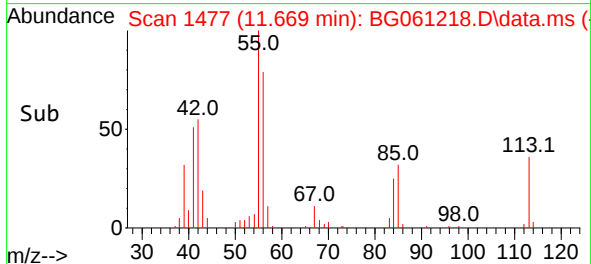
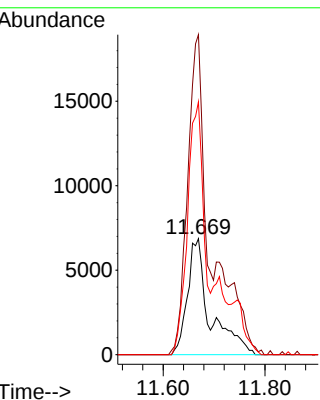
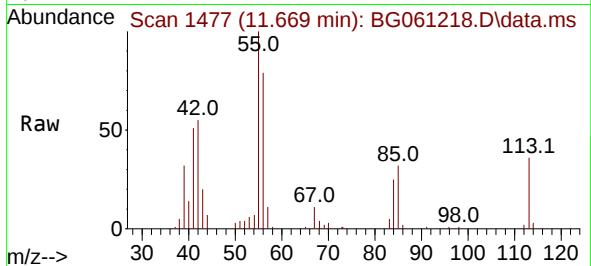
PB160933BS

Tgt Ion:113 Resp: 21070
Ion Ratio Lower Upper
113 100
55 275.9 227.6 267.6
56 218.0 195.1 235.1

Manual Integrations

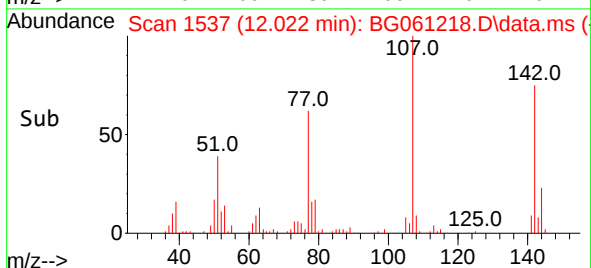
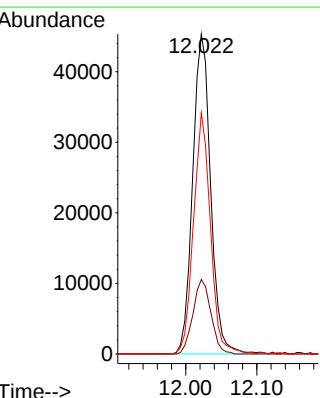
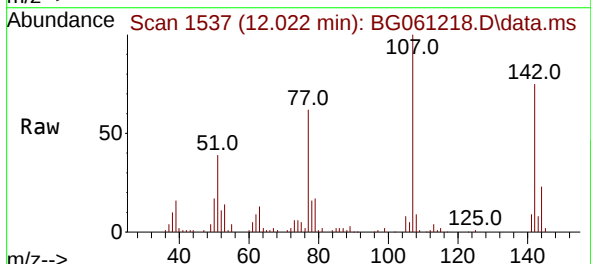
APPROVED

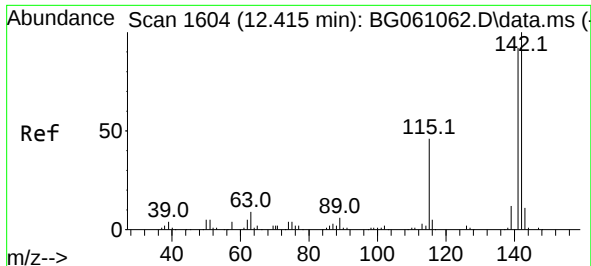
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#36
4-Chloro-3-methylphenol
Concen: 42.997 ng
RT: 12.022 min Scan# 1537
Delta R.T. -0.017 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Tgt Ion:107 Resp: 79786
Ion Ratio Lower Upper
107 100
144 23.3 20.2 30.4
142 75.3 55.6 83.4





#37

2-Methylnaphthalene

Concen: 40.559 ng

RT: 12.386 min Scan# 1

Delta R.T. -0.029 min

Lab File: BG061218.D

Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

PB160933BS

Tgt Ion:142 Resp: 143919

Ion Ratio Lower Upper

142 100

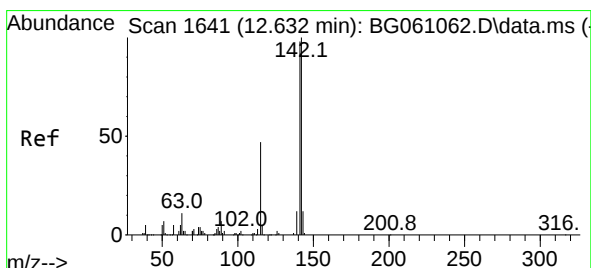
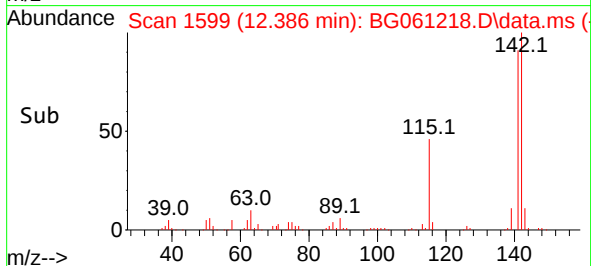
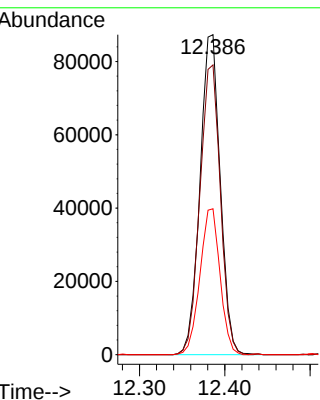
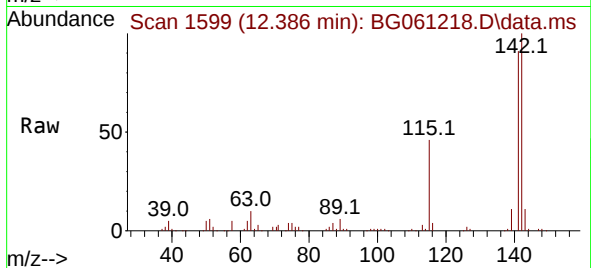
141 90.6 73.8 110.8

115 45.6 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#38

1-Methylnaphthalene

Concen: 37.695 ng

RT: 12.604 min Scan# 1636

Delta R.T. -0.029 min

Lab File: BG061218.D

Acq: 16 May 2024 12:56

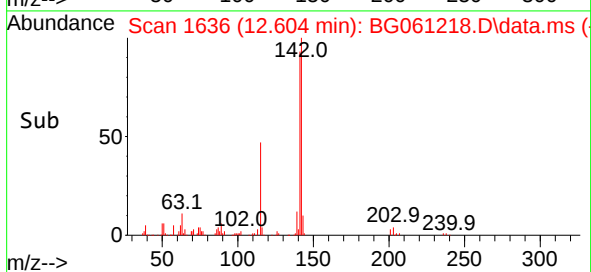
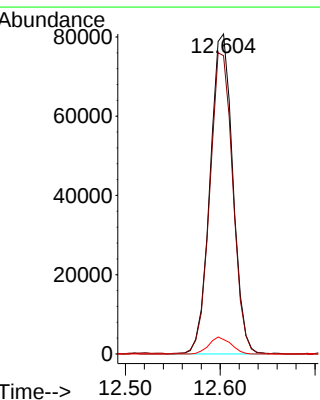
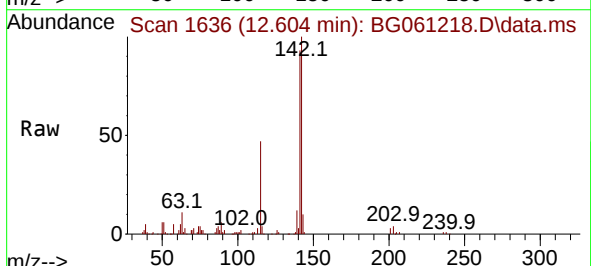
Tgt Ion:142 Resp: 134658

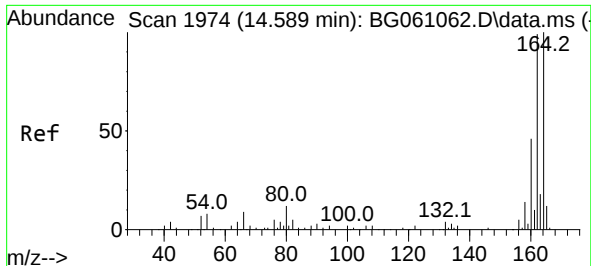
Ion Ratio Lower Upper

142 100

141 93.2 78.4 117.6

116 4.5 4.3 6.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.560 min Scan# 1969
Delta R.T. -0.029 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Instrument :

BNA_G

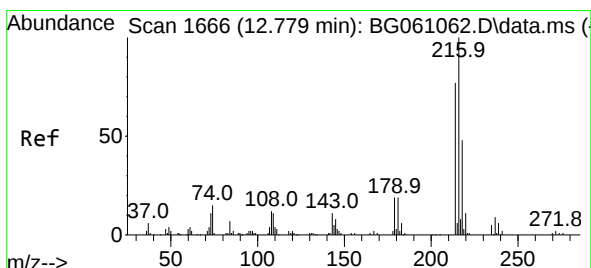
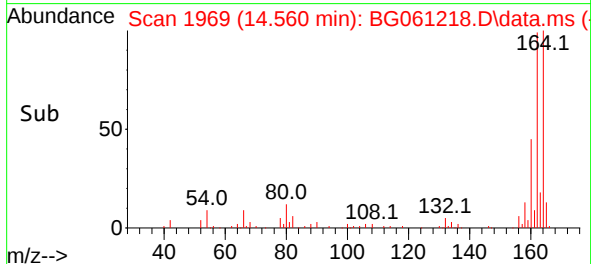
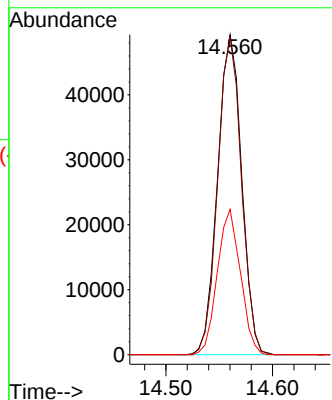
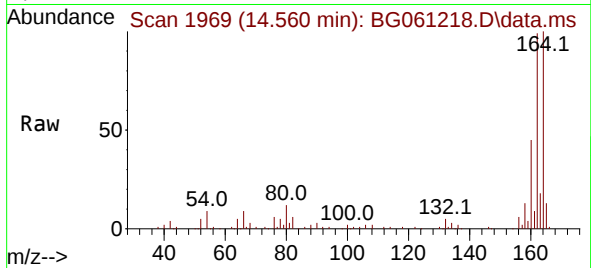
ClientSampleId :

PB160933BS

Tgt Ion:164 Resp: 7722
Ion Ratio Lower Upper
164 100
162 99.2 79.4 119.2
160 45.4 37.0 55.6

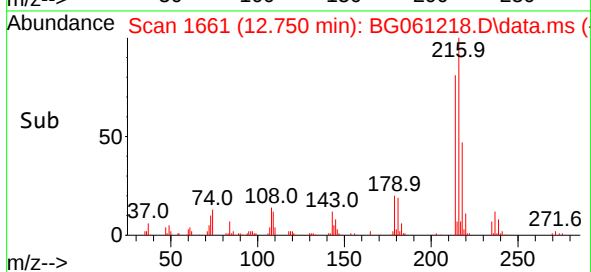
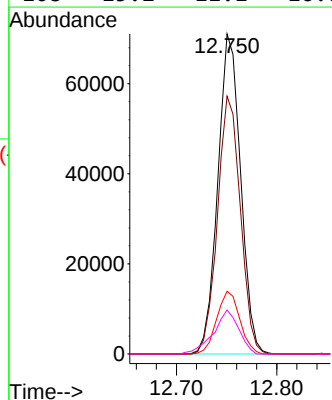
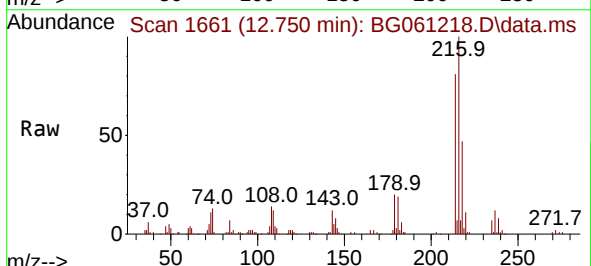
Manual Integrations
APPROVED

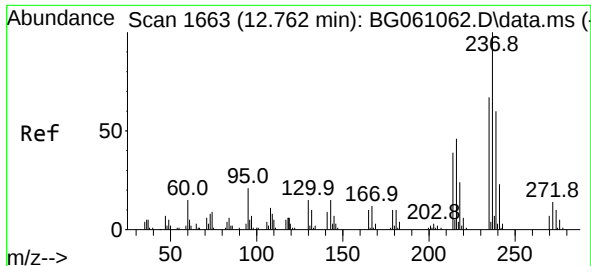
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.431 ng
RT: 12.750 min Scan# 1661
Delta R.T. -0.029 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Tgt Ion:216 Resp: 111935
Ion Ratio Lower Upper
216 100
214 80.8 64.2 96.2
179 19.8 15.4 23.2
108 15.2 11.1 16.7





#41
Hexachlorocyclopentadiene
Concen: 98.356 ng
RT: 12.733 min Scan# 1658
Delta R.T. -0.029 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

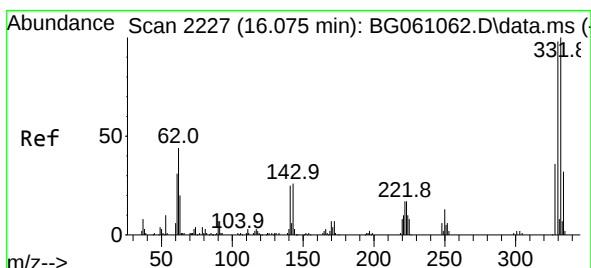
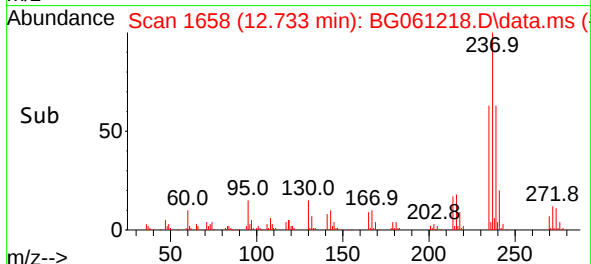
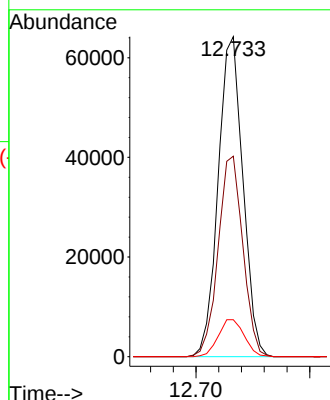
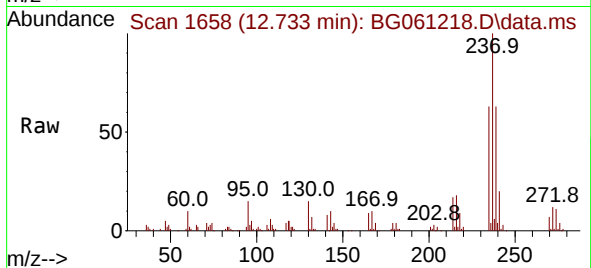
PB160933BS

Tgt Ion:237 Resp: 9704
Ion Ratio Lower Upper
237 100
235 62.6 46.5 86.5
272 11.5 0.0 33.9

Manual Integrations

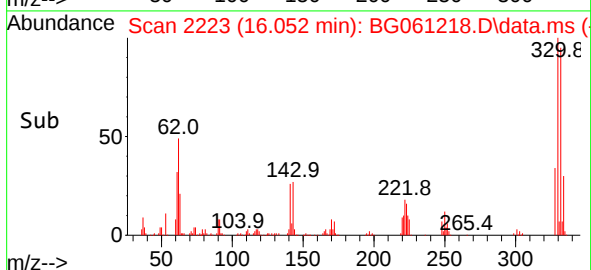
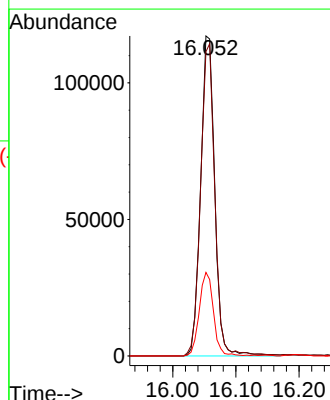
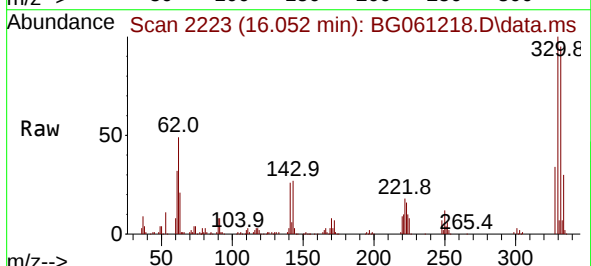
APPROVED

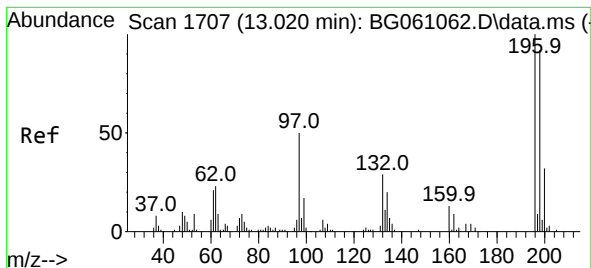
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#42
2,4,6-Tribromophenol
Concen: 118.024 ng
RT: 16.052 min Scan# 2223
Delta R.T. -0.023 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Tgt Ion:330 Resp: 182185
Ion Ratio Lower Upper
330 100
332 98.4 78.6 117.8
141 26.0 20.5 30.7





#43
2,4,6-Trichlorophenol
Concen: 41.585 ng
RT: 12.997 min Scan# 1716
Delta R.T. -0.023 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

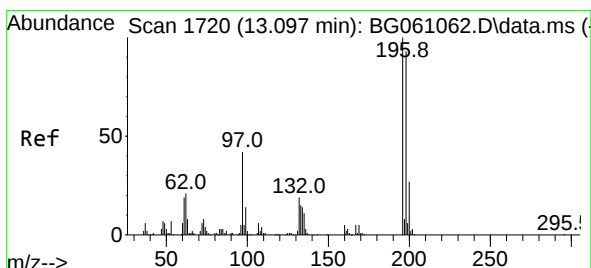
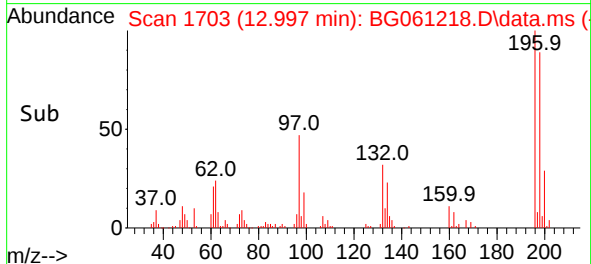
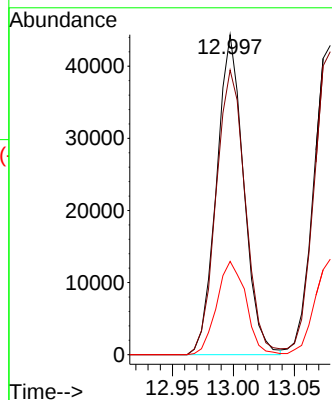
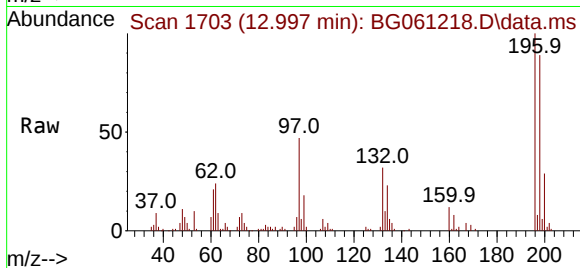
PB160933BS

Tgt Ion:196 Resp: 68808
Ion Ratio Lower Upper
196 100
198 88.9 73.8 110.6
200 29.1 25.5 38.3

Manual Integrations

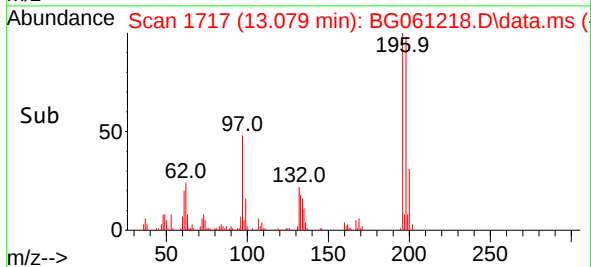
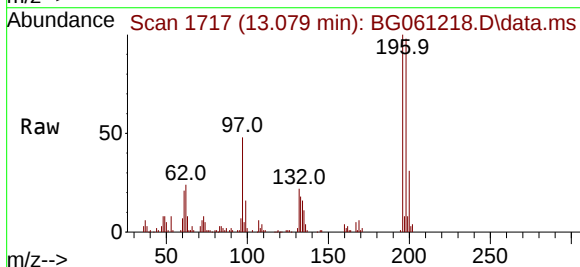
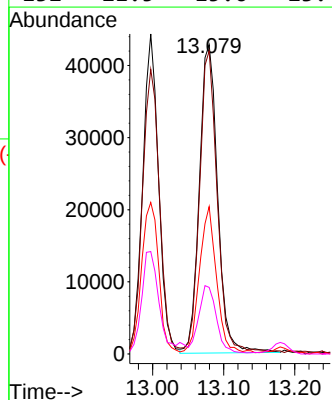
APPROVED

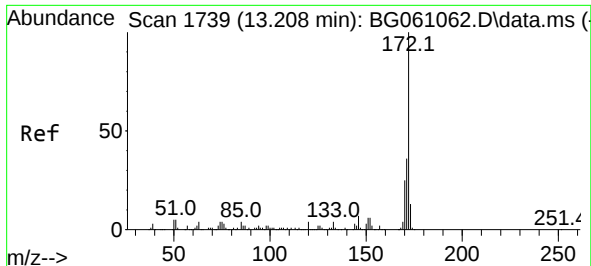
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#44
2,4,5-Trichlorophenol
Concen: 41.020 ng
RT: 13.079 min Scan# 1717
Delta R.T. -0.017 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Tgt Ion:196 Resp: 76817
Ion Ratio Lower Upper
196 100
198 98.0 74.3 111.5
97 47.6 33.6 50.4
132 21.5 15.6 23.4





#45
2-Fluorobiphenyl
Concen: 82.901 ng
RT: 13.179 min Scan# 1734
Delta R.T. -0.029 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

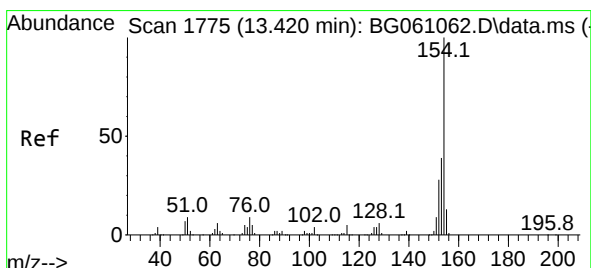
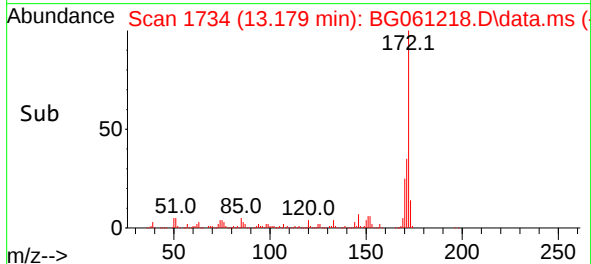
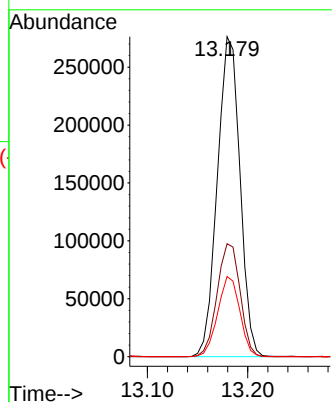
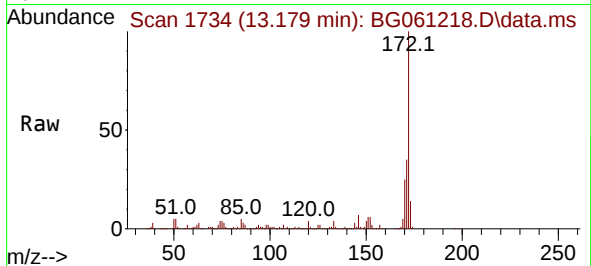
PB160933BS

Tgt Ion:172 Resp: 432950
Ion Ratio Lower Upper
172 100
171 35.3 29.0 43.6
170 25.1 20.2 30.4

Manual Integrations

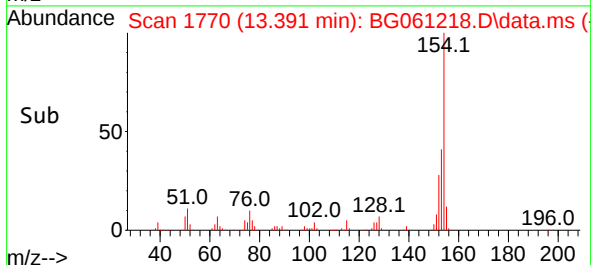
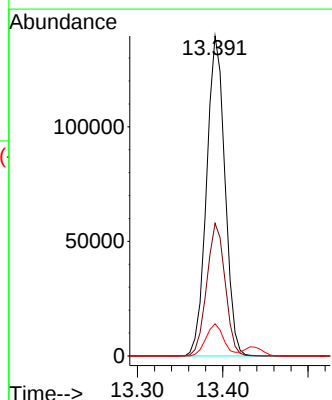
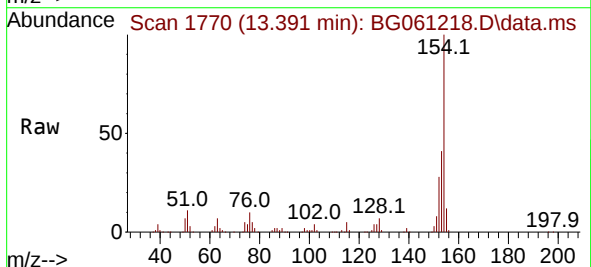
APPROVED

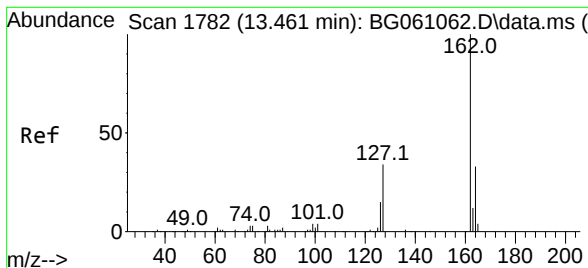
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#46
1,1'-Biphenyl
Concen: 42.050 ng
RT: 13.391 min Scan# 1770
Delta R.T. -0.029 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Tgt Ion:154 Resp: 208220
Ion Ratio Lower Upper
154 100
153 41.4 19.3 59.3
76 10.0 0.0 28.8





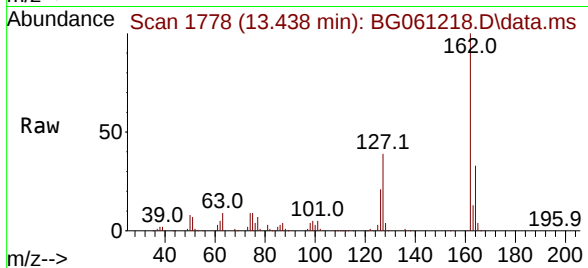
#47
2-Chloronaphthalene
Concen: 41.380 ng
RT: 13.438 min Scan# 11
Delta R.T. -0.023 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

PB160933BS

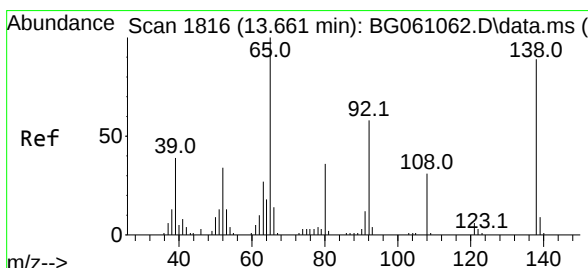
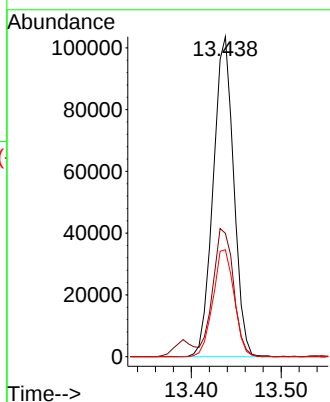
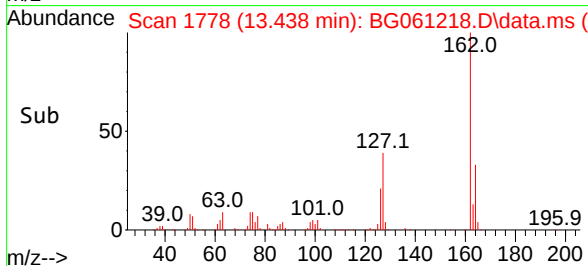


Tgt Ion:162 Resp: 16407
Ion Ratio Lower Upper
162 100
127 38.5 30.7 46.1
164 33.4 26.8 40.2

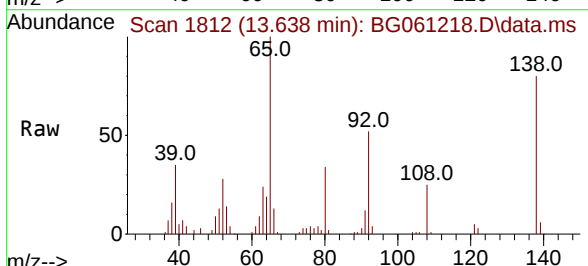
Manual Integrations

APPROVED

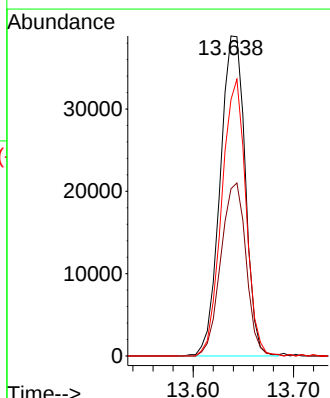
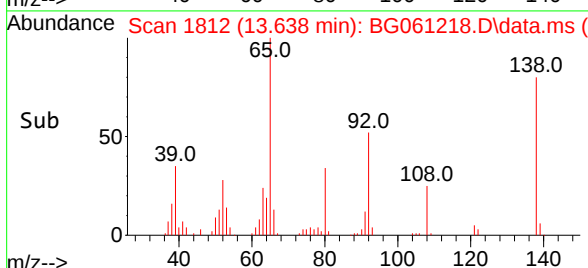
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

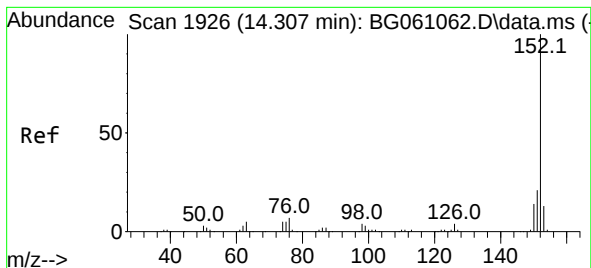


#48
2-Nitroaniline
Concen: 45.790 ng
RT: 13.638 min Scan# 1812
Delta R.T. -0.023 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56



Tgt Ion: 65 Resp: 67373
Ion Ratio Lower Upper
65 100
92 52.2 46.7 70.1
138 80.1 71.4 107.2





#49

Acenaphthylene

Concen: 45.639 ng

RT: 14.284 min Scan# 1926

Delta R.T. -0.023 min

Lab File: BG061218.D

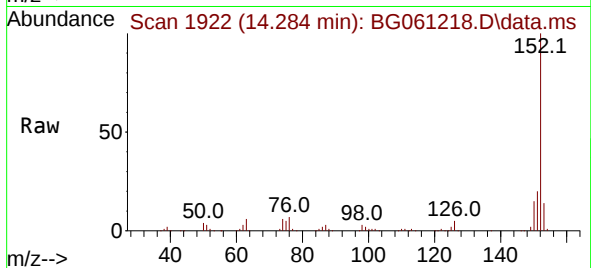
Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

PB160933BS



Tgt Ion:152 Resp: 277930

Ion Ratio Lower Upper

152 100

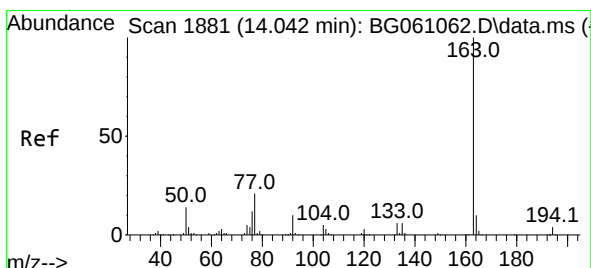
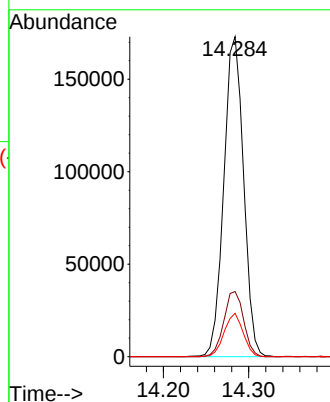
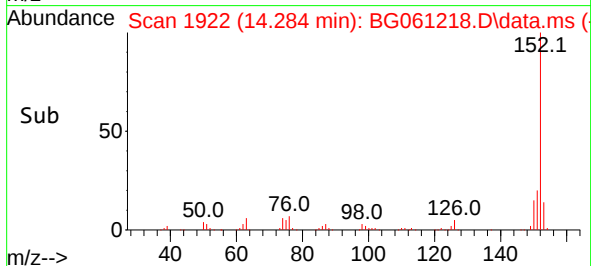
151 20.4 16.9 25.3

153 13.5 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#50

Dimethylphthalate

Concen: 41.640 ng

RT: 14.020 min Scan# 1877

Delta R.T. -0.023 min

Lab File: BG061218.D

Acq: 16 May 2024 12:56

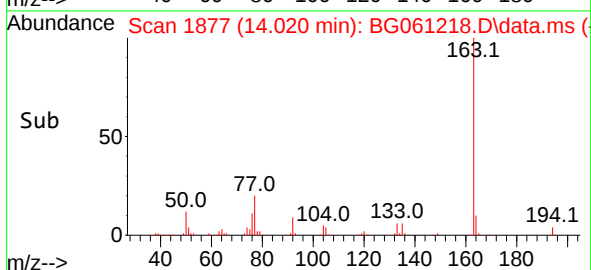
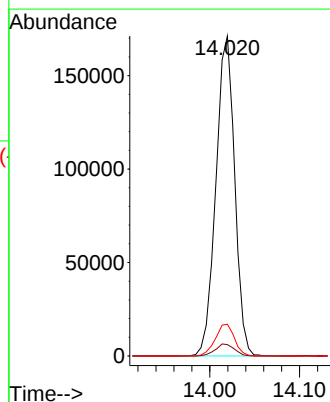
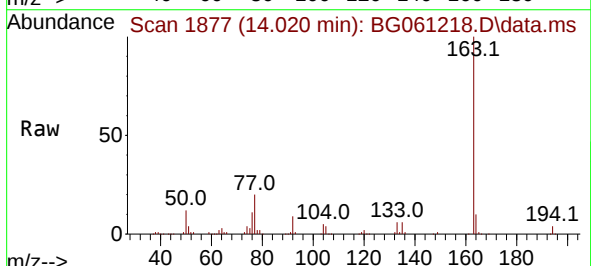
Tgt Ion:163 Resp: 248380

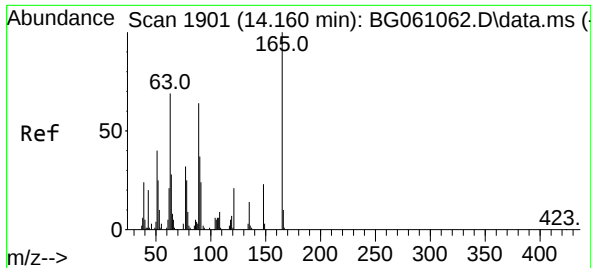
Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

164 9.9 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 40.813 ng
RT: 14.137 min Scan# 1897
Delta R.T. -0.023 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

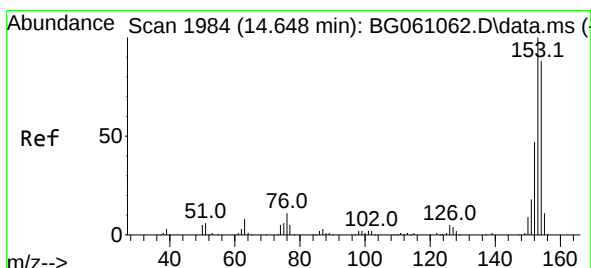
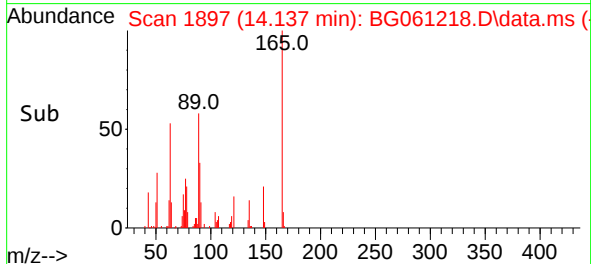
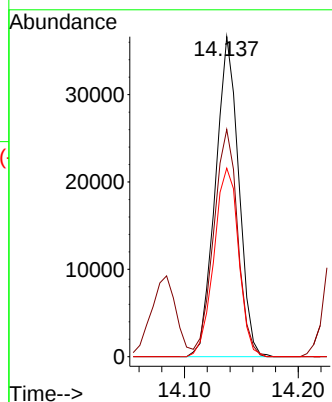
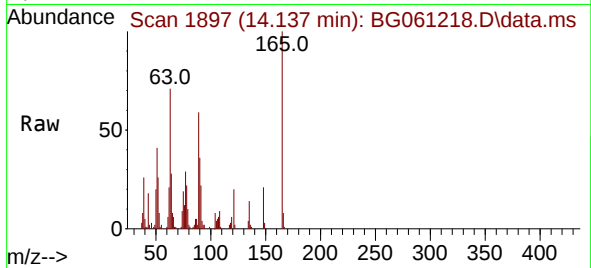
PB160933BS

Tgt Ion:165 Resp: 52072
Ion Ratio Lower Upper
165 100
63 71.0 60.0 90.0
89 58.9 50.9 76.3

Manual Integrations

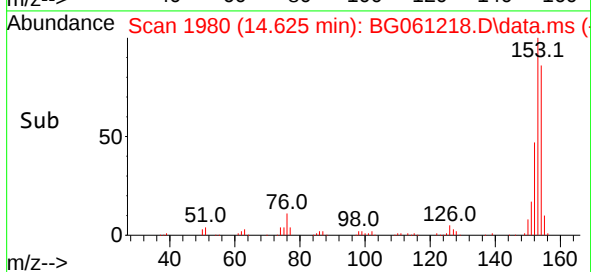
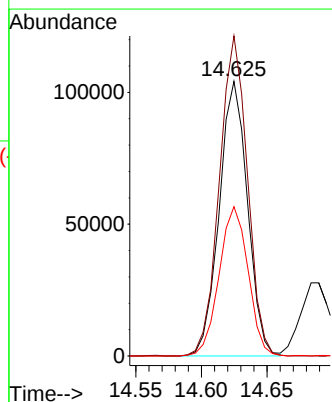
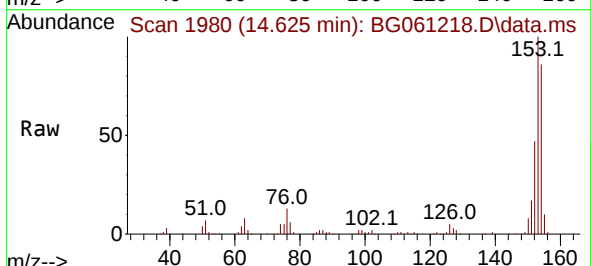
APPROVED

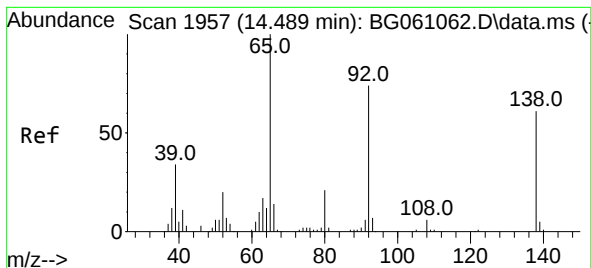
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#52
Acenaphthene
Concen: 41.096 ng
RT: 14.625 min Scan# 1980
Delta R.T. -0.023 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Tgt Ion:154 Resp: 156124
Ion Ratio Lower Upper
154 100
153 116.5 91.0 136.4
152 54.3 43.1 64.7





#53
3-Nitroaniline
Concen: 31.445 ng
RT: 14.466 min Scan# 1953
Delta R.T. -0.023 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

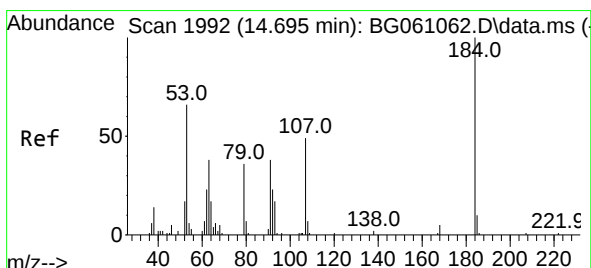
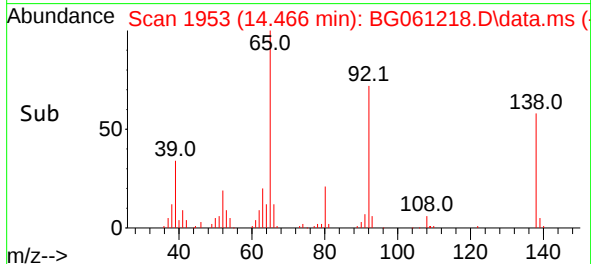
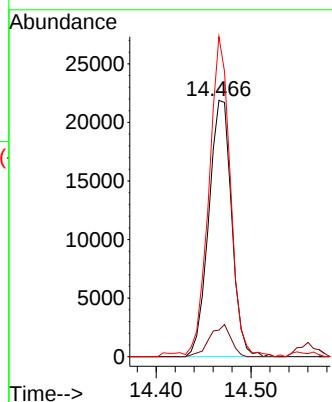
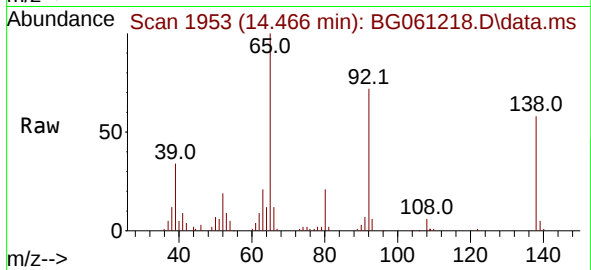
PB160933BS

Tgt Ion:138 Resp: 36709
Ion Ratio Lower Upper
138 100
108 10.3 8.2 12.2
92 124.9 98.0 147.0

Manual Integrations

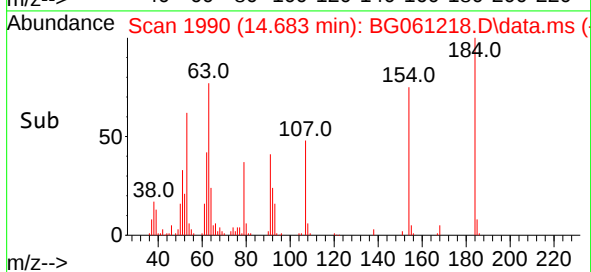
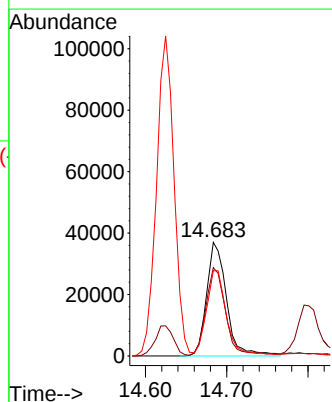
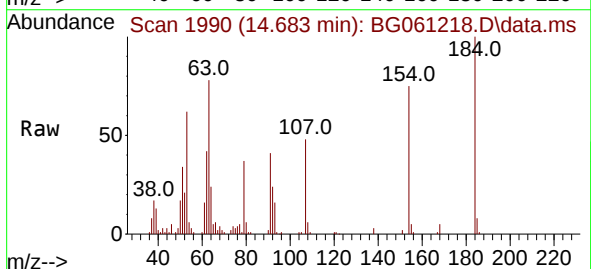
APPROVED

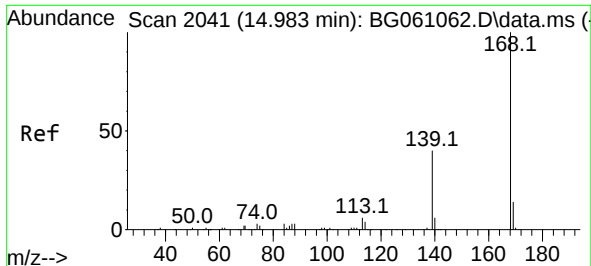
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#54
2,4-Dinitrophenol
Concen: 69.876 ng
RT: 14.683 min Scan# 1990
Delta R.T. -0.011 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Tgt Ion:184 Resp: 62938
Ion Ratio Lower Upper
184 100
63 77.7 62.6 93.8
154 75.0 61.4 92.0





#55
Dibenzenofuran
Concen: 42.172 ng
RT: 14.960 min Scan# 2037
Delta R.T. -0.023 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

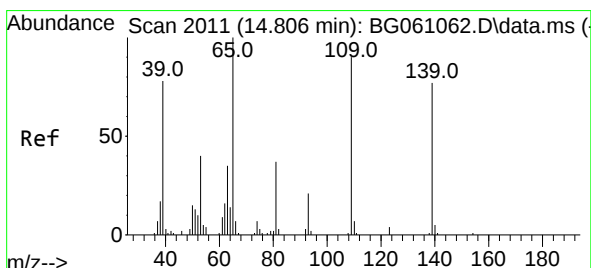
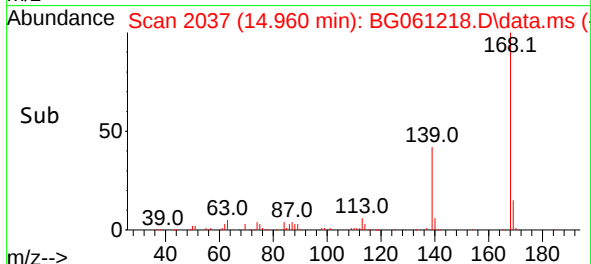
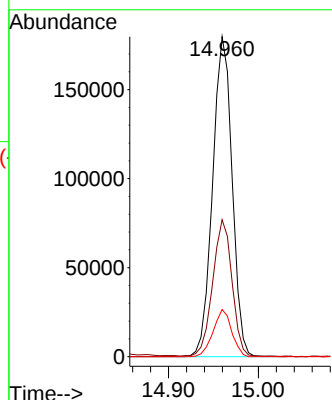
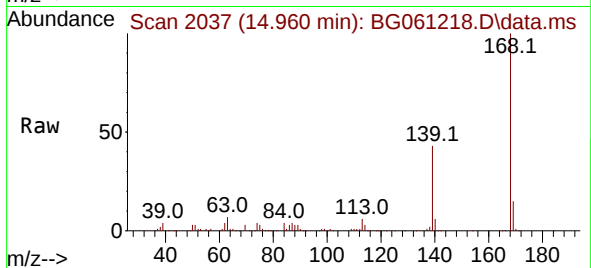
PB160933BS

Tgt Ion:168 Resp: 27061
Ion Ratio Lower Upper
168 100
139 42.8 32.2 48.4
169 14.8 11.4 17.2

Manual Integrations

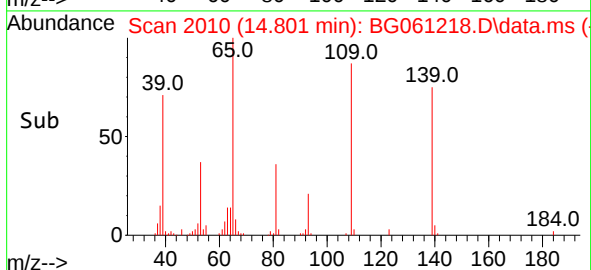
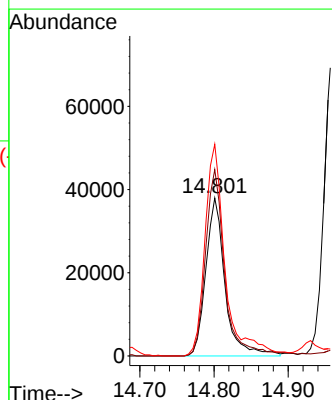
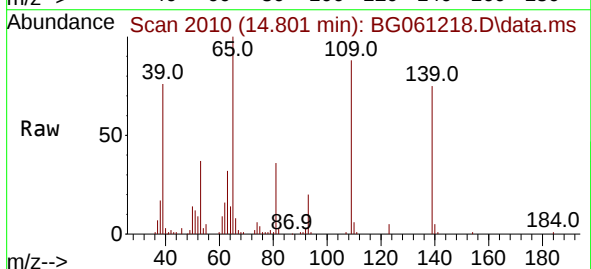
APPROVED

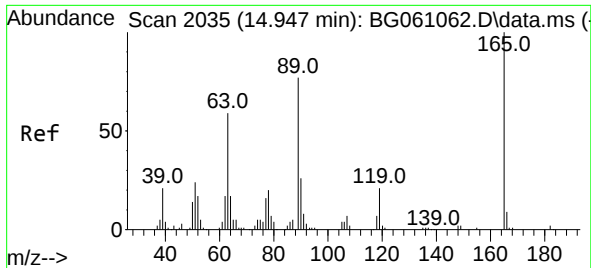
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#56
4-Nitrophenol
Concen: 72.627 ng
RT: 14.801 min Scan# 2010
Delta R.T. -0.005 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Tgt Ion:139 Resp: 68521
Ion Ratio Lower Upper
139 100
109 118.0 97.7 137.7
65 134.1 110.7 150.7





#57
2,4-Dinitrotoluene
Concen: 41.406 ng
RT: 14.930 min Scan# 2032
Delta R.T. -0.017 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

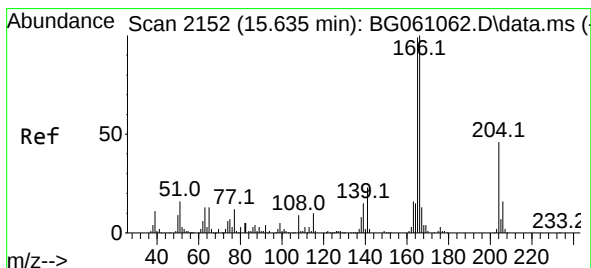
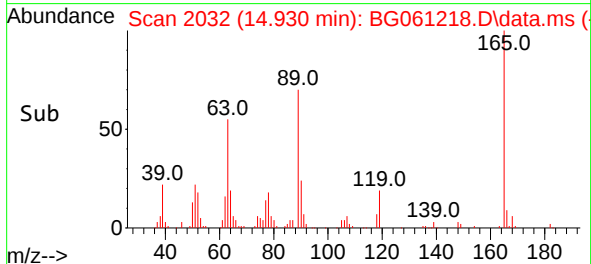
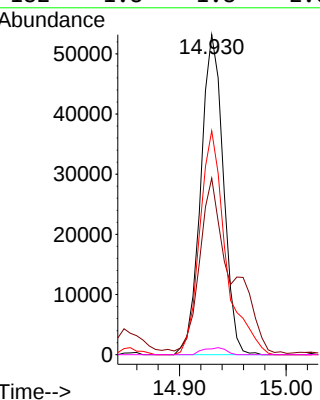
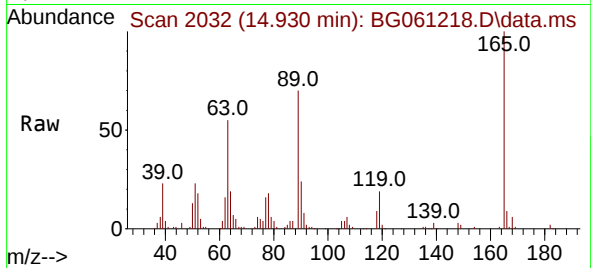
PB160933BS

Tgt Ion:165 Resp: 78159
Ion Ratio Lower Upper
165 100
63 55.1 47.3 70.9
89 69.9 61.8 92.8
182 1.8 1.8 2.6

Manual Integrations

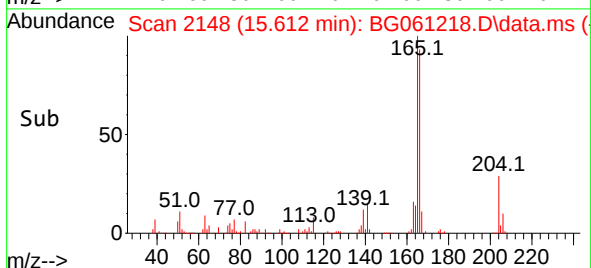
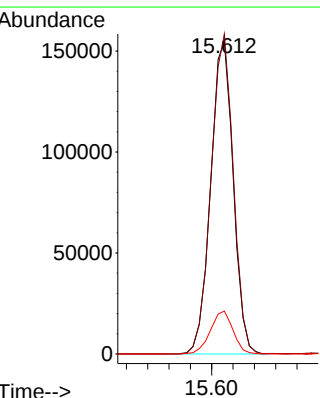
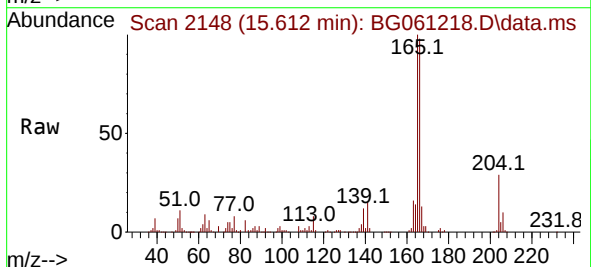
APPROVED

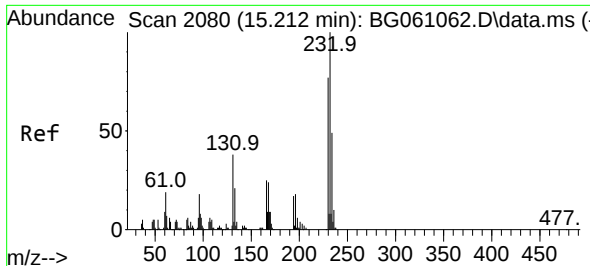
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#58
Fluorene
Concen: 40.856 ng
RT: 15.612 min Scan# 2148
Delta R.T. -0.023 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Tgt Ion:166 Resp: 226863
Ion Ratio Lower Upper
166 100
165 102.5 78.9 118.3
167 13.7 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.952 ng
RT: 15.195 min Scan# 2080
Delta R.T. -0.017 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

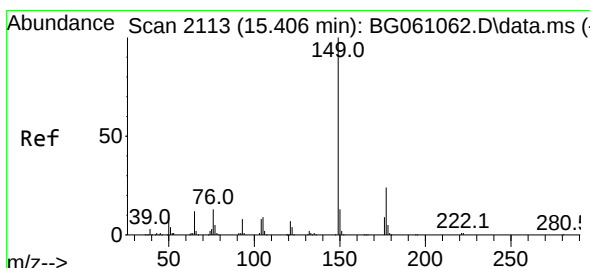
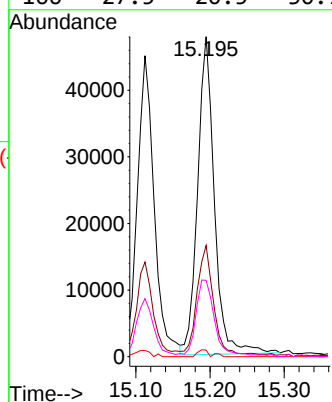
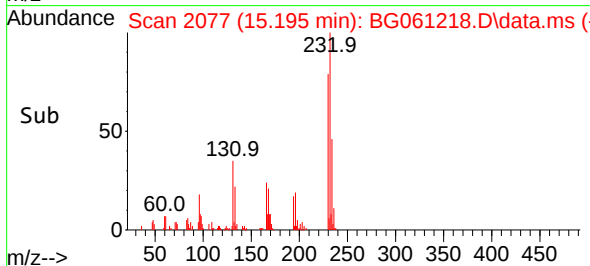
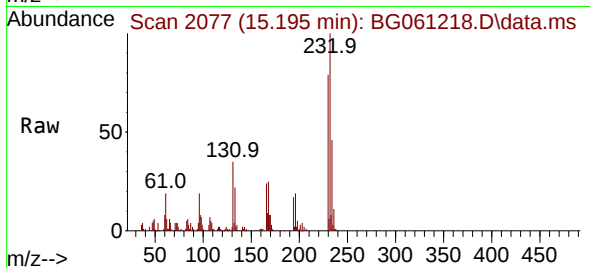
PB160933BS

Tgt Ion:232 Resp: 75089
Ion Ratio Lower Upper
232 100
131 32.6 27.0 40.4
130 1.7 1.7 2.5
166 27.5 20.5 30.7

Manual Integrations

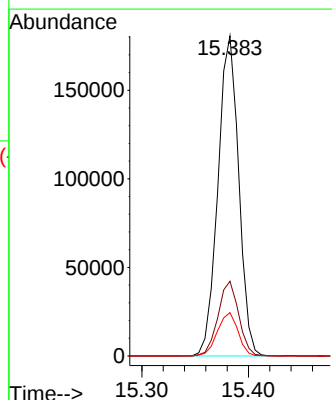
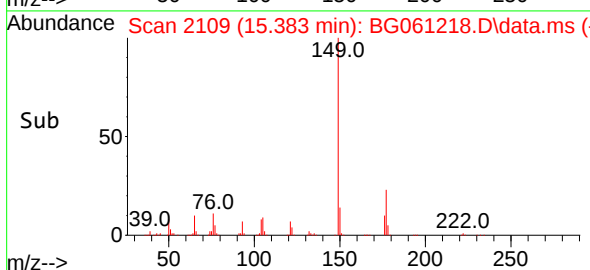
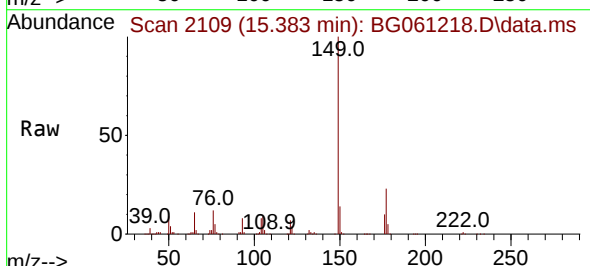
APPROVED

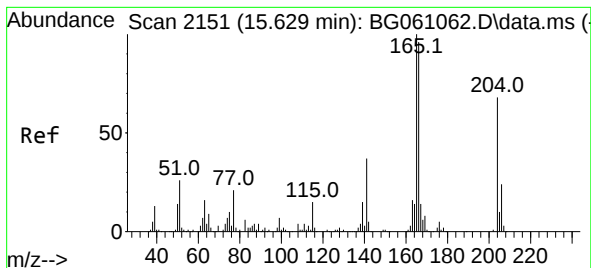
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#60
Diethylphthalate
Concen: 40.572 ng
RT: 15.383 min Scan# 2109
Delta R.T. -0.023 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Tgt Ion:149 Resp: 244049
Ion Ratio Lower Upper
149 100
177 23.3 19.1 28.7
150 13.6 10.6 16.0





#61
4-Chlorophenyl-phenylether
Concen: 40.744 ng
RT: 15.600 min Scan# 2151
Delta R.T. -0.029 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

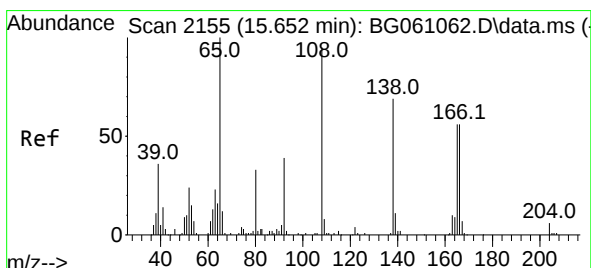
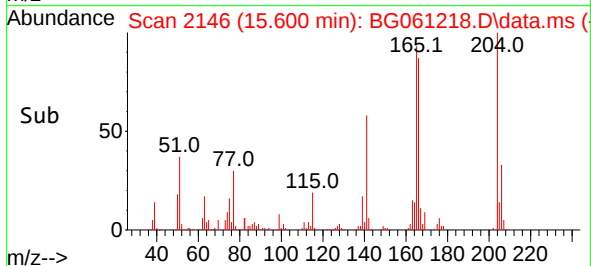
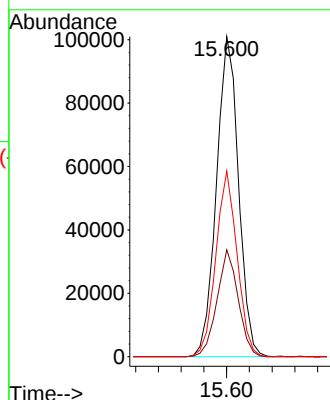
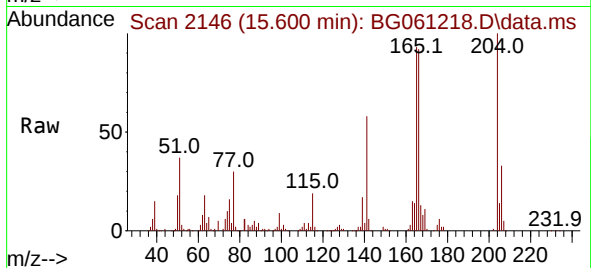
PB160933BS

Tgt Ion:204 Resp: 13584
Ion Ratio Lower Upper
204 100
206 33.4 27.8 41.6
141 58.0 42.9 64.3

Manual Integrations

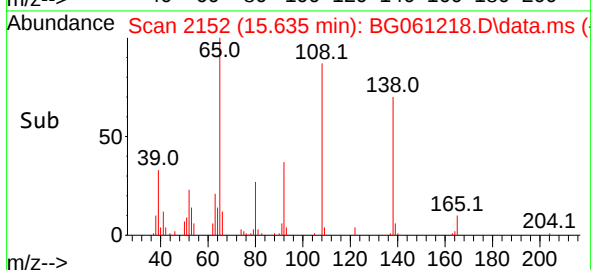
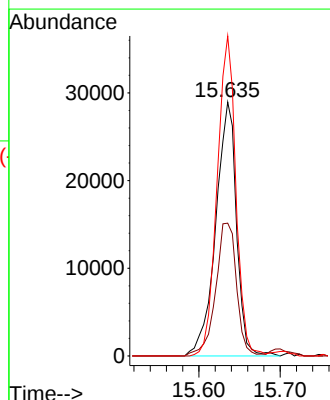
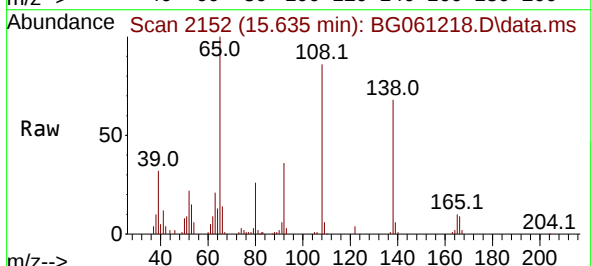
APPROVED

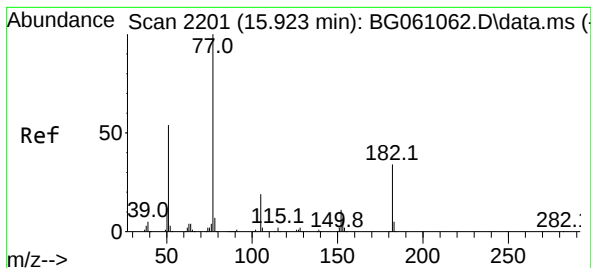
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#62
4-Nitroaniline
Concen: 40.664 ng
RT: 15.635 min Scan# 2152
Delta R.T. -0.017 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Tgt Ion:138 Resp: 51487
Ion Ratio Lower Upper
138 100
92 52.3 35.5 75.5
108 126.0 116.2 156.2





#63
Azobenzene
Concen: 43.932 ng
RT: 15.894 min Scan# 2196
Delta R.T. -0.029 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

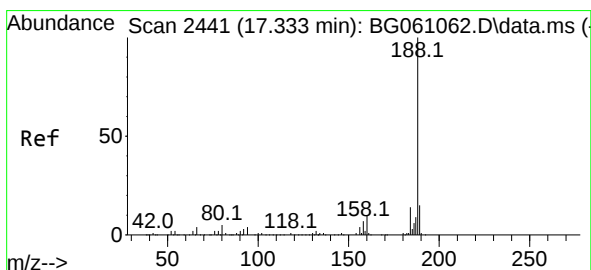
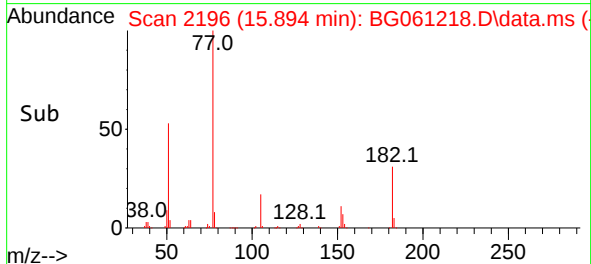
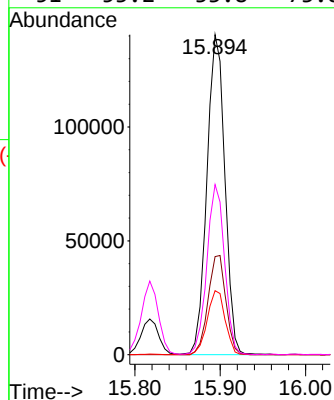
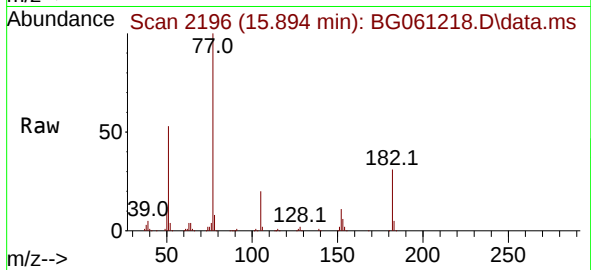
PB160933BS

Tgt Ion: 77 Resp: 205710
Ion Ratio Lower Upper
77 100
182 30.7 13.5 53.5
105 20.0 0.0 39.3
51 53.2 33.8 73.8

Manual Integrations

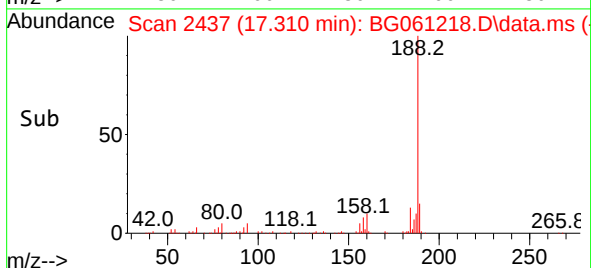
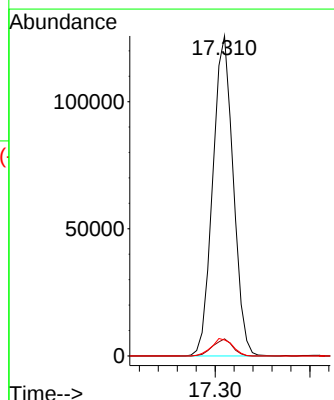
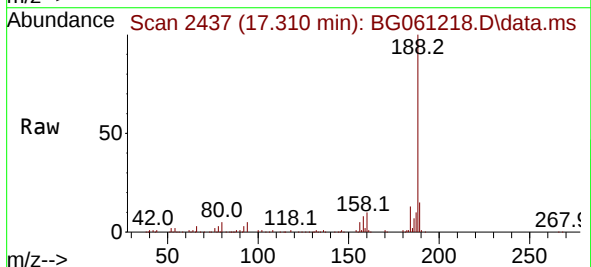
APPROVED

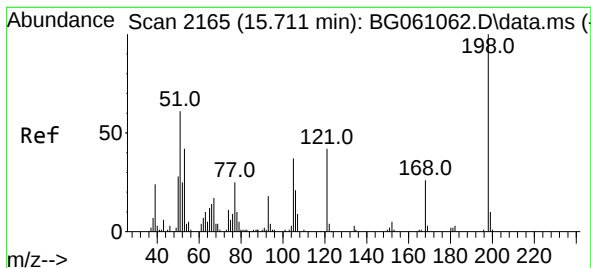
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2437
Delta R.T. -0.023 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Tgt Ion:188 Resp: 188664
Ion Ratio Lower Upper
188 100
94 5.4 3.6 5.4
80 5.0 4.2 6.2





#65
4,6-Dinitro-2-methylphenol
Concen: 42.530 ng
RT: 15.700 min Scan# 2163
Delta R.T. -0.011 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

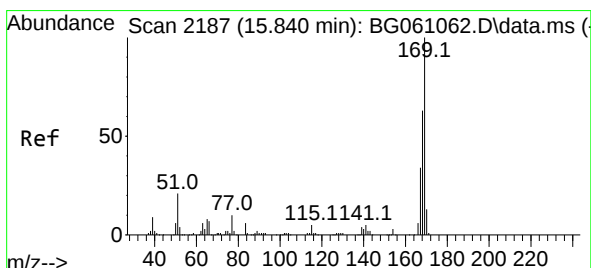
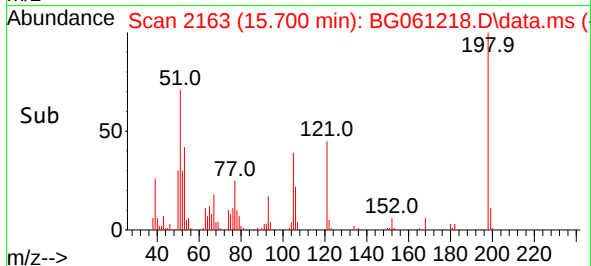
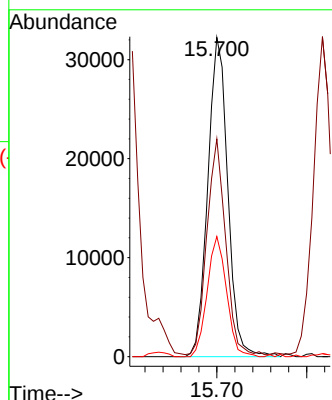
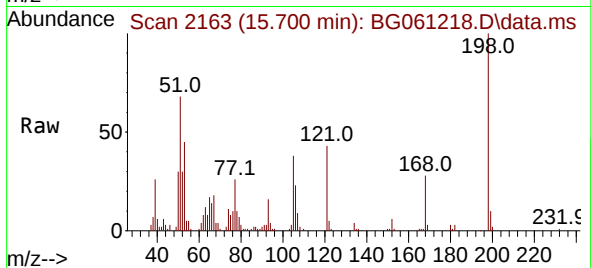
PB160933BS

Tgt Ion:198 Resp: 49784
Ion Ratio Lower Upper
198 100
51 68.2 41.2 81.2
105 37.6 16.7 56.7

Manual Integrations

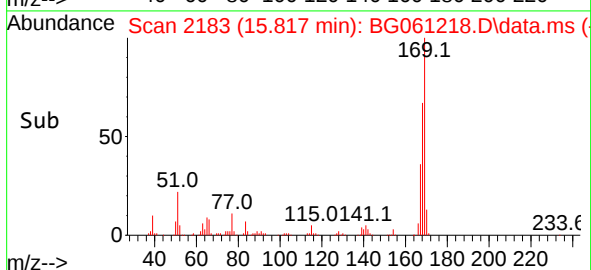
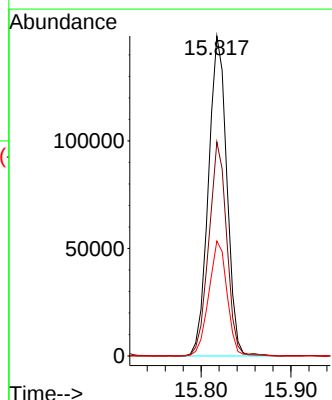
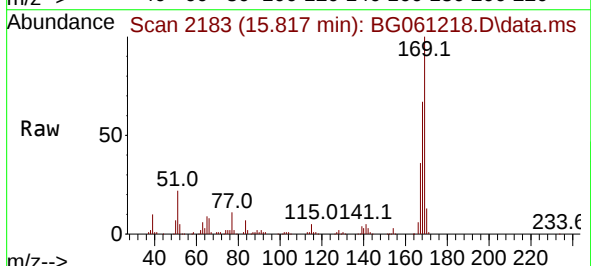
APPROVED

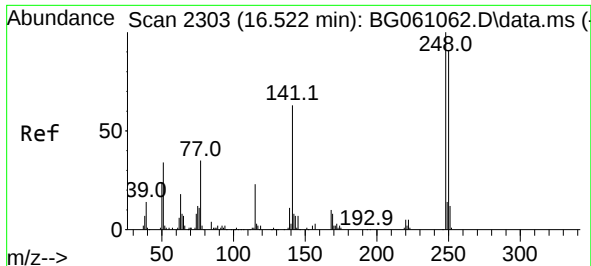
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#66
n-Nitrosodiphenylamine
Concen: 45.100 ng
RT: 15.817 min Scan# 2183
Delta R.T. -0.023 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Tgt Ion:169 Resp: 211001
Ion Ratio Lower Upper
169 100
168 66.9 50.6 75.8
167 35.9 27.4 41.2





#67
4-Bromophenyl-phenylether
Concen: 45.017 ng
RT: 16.493 min Scan# 2119
Delta R.T. -0.029 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

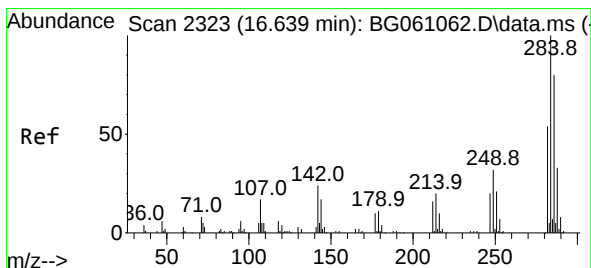
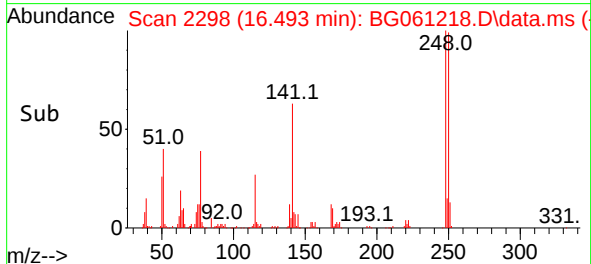
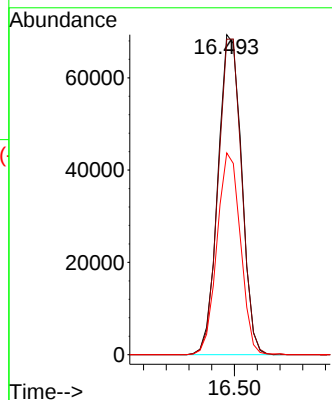
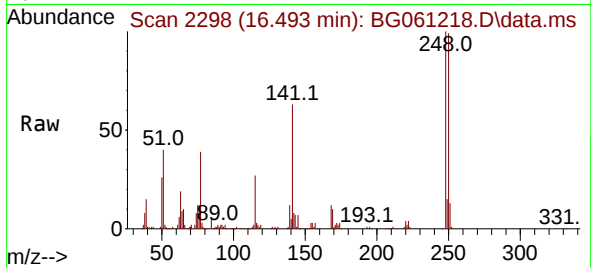
PB160933BS

Tgt Ion:248 Resp: 100049
Ion Ratio Lower Upper
248 100
250 98.6 73.0 109.4
141 63.0 50.8 76.2

Manual Integrations

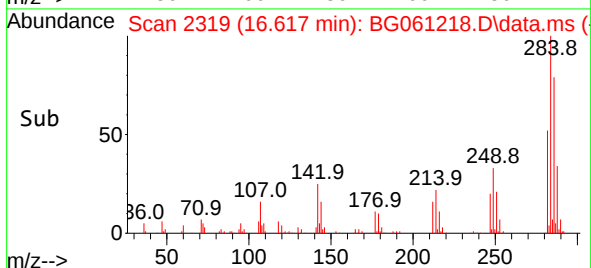
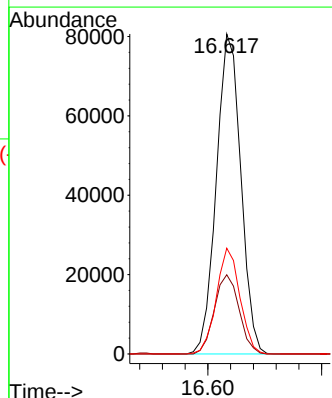
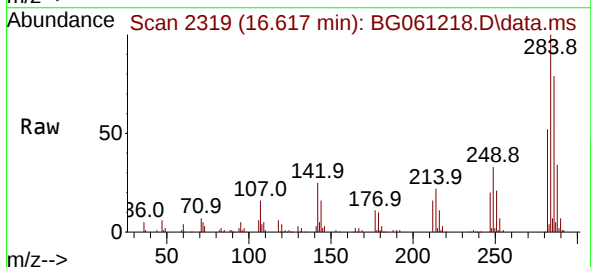
APPROVED

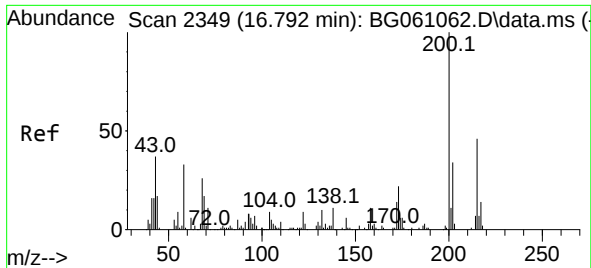
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#68
Hexachlorobenzene
Concen: 43.528 ng
RT: 16.617 min Scan# 2319
Delta R.T. -0.023 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Tgt Ion:284 Resp: 120407
Ion Ratio Lower Upper
284 100
142 24.7 19.2 28.8
249 33.0 25.4 38.2





#69
 Atrazine
 Concen: 48.542 ng
 RT: 16.769 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: BG061218.D
 Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

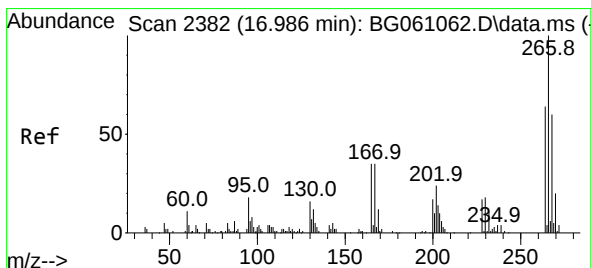
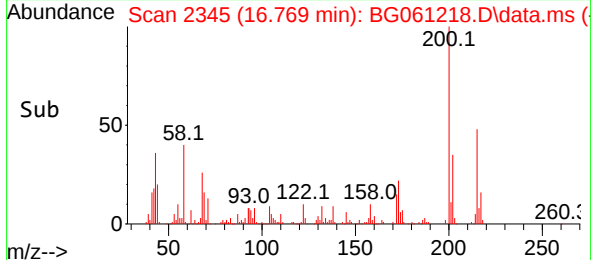
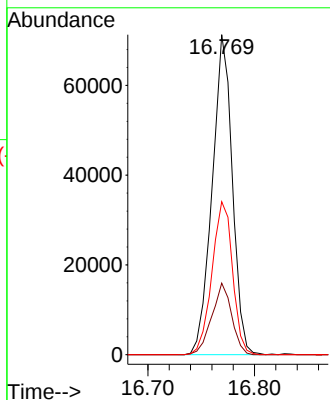
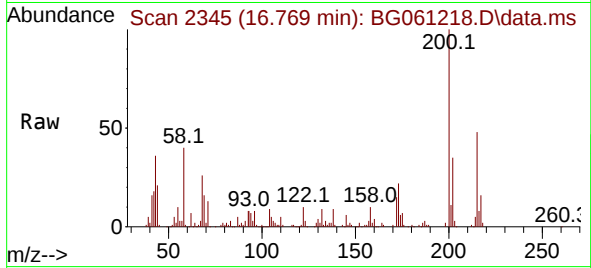
PB160933BS

Tgt Ion:200 Resp: 9365
 Ion Ratio Lower Upper
 200 100
 173 22.3 2.0 42.0
 215 47.8 26.2 66.2

Manual Integrations

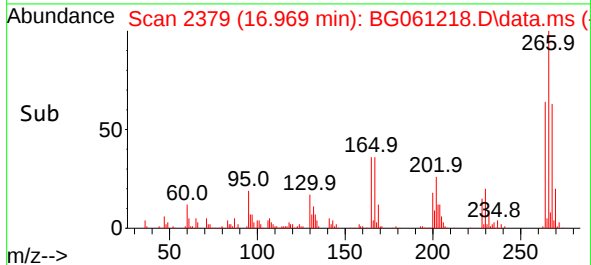
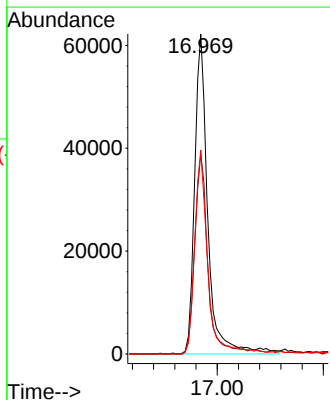
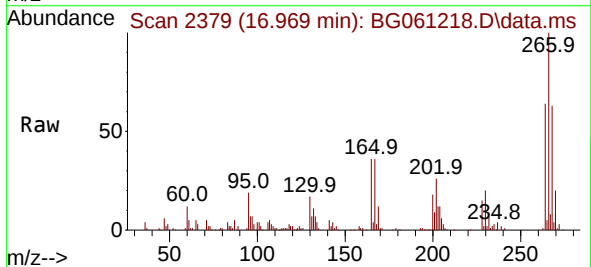
APPROVED

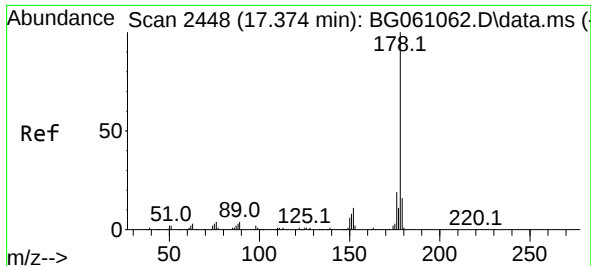
Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024



#70
 Pentachlorophenol
 Concen: 63.036 ng m
 RT: 16.969 min Scan# 2379
 Delta R.T. -0.017 min
 Lab File: BG061218.D
 Acq: 16 May 2024 12:56

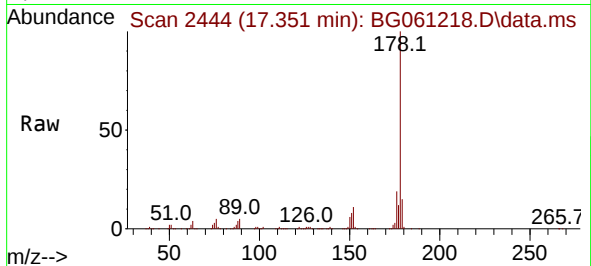
Tgt Ion:266 Resp: 107126
 Ion Ratio Lower Upper
 266 100
 268 62.5 47.8 71.8
 264 63.7 51.5 77.3





#71
Phenanthrene
Concen: 44.580 ng
RT: 17.351 min Scan# 2444
Delta R.T. -0.023 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

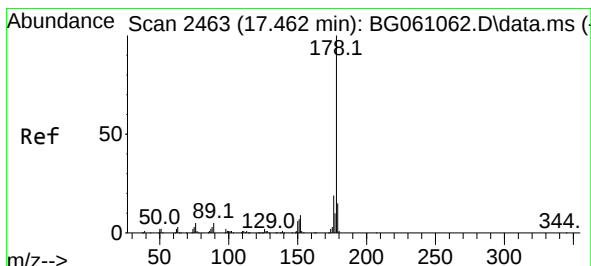
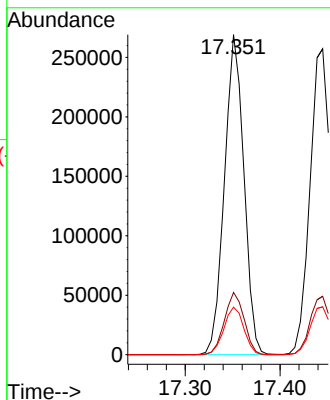
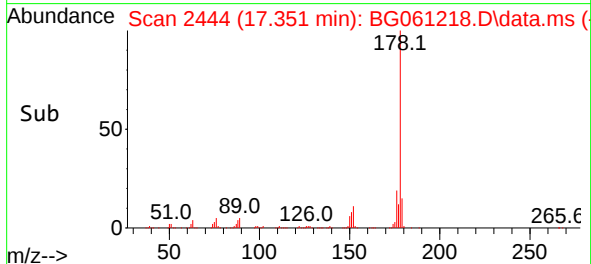
Instrument :
BNA_G
ClientSampleId :
PB160933BS



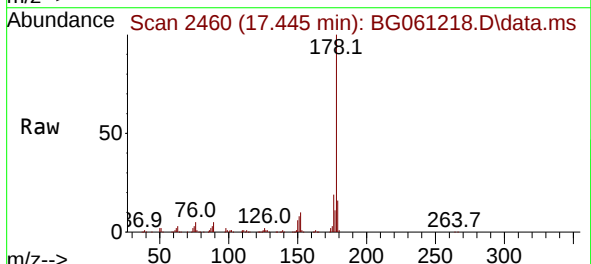
Tgt Ion:178 Resp: 38456
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 14.9 12.6 19.0

Manual Integrations
APPROVED

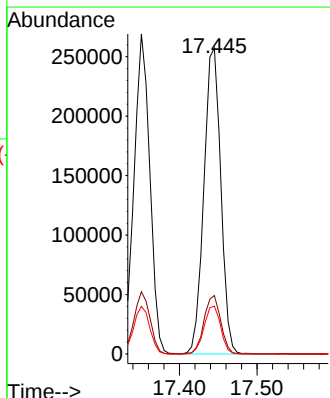
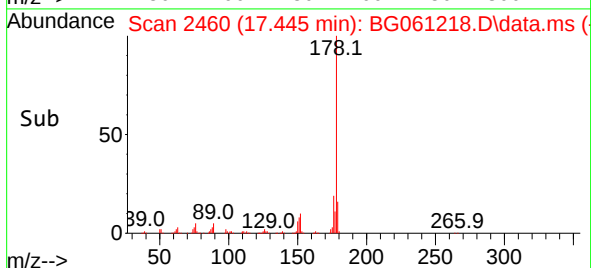
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

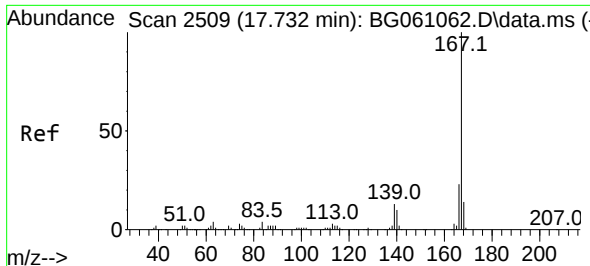


#72
Anthracene
Concen: 45.228 ng
RT: 17.445 min Scan# 2460
Delta R.T. -0.017 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56



Tgt Ion:178 Resp: 389315
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.6
179 15.7 12.0 18.0





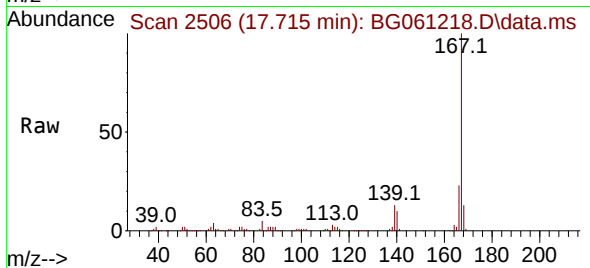
#73
 Carbazole
 Concen: 43.851 ng
 RT: 17.715 min Scan# 2506
 Delta R.T. -0.017 min
 Lab File: BG061218.D
 Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

PB160933BS

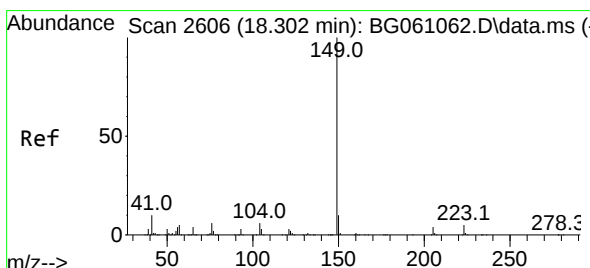
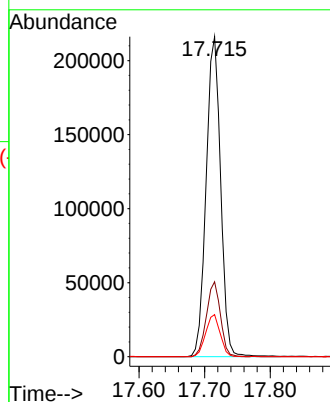
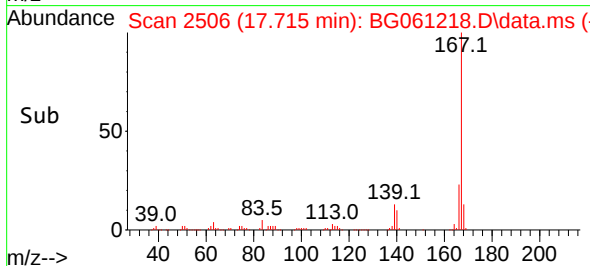


Tgt Ion:167 Resp: 33188
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.7 28.1
 139 13.2 10.6 15.8

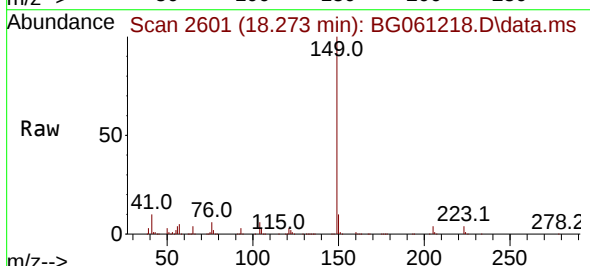
Manual Integrations

APPROVED

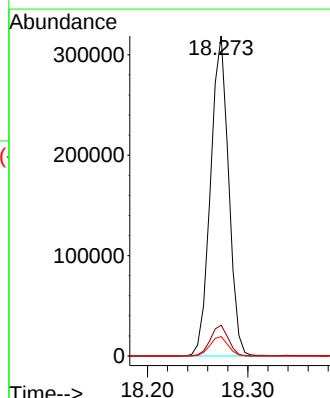
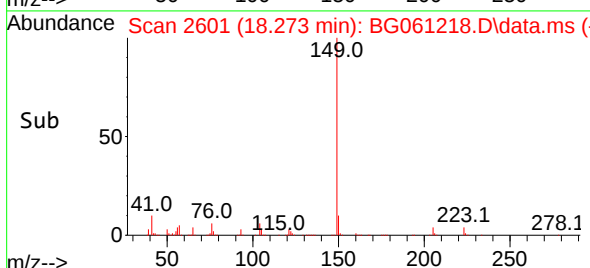
Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024

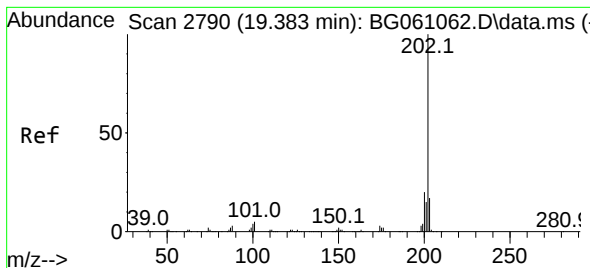


#74
 Di-n-butylphthalate
 Concen: 44.293 ng
 RT: 18.273 min Scan# 2601
 Delta R.T. -0.029 min
 Lab File: BG061218.D
 Acq: 16 May 2024 12:56



Tgt Ion:149 Resp: 398614
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 6.0 5.0 7.6





#75

Fluoranthene

Concen: 42.184 ng

RT: 19.366 min Scan# 21

Delta R.T. -0.017 min

Lab File: BG061218.D

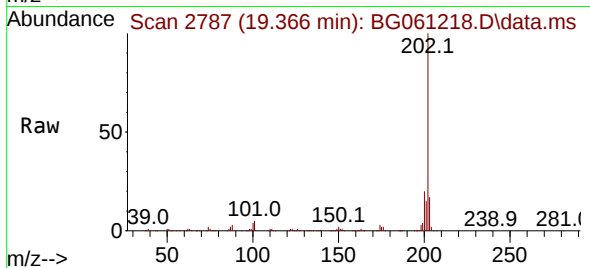
Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

PB160933BS

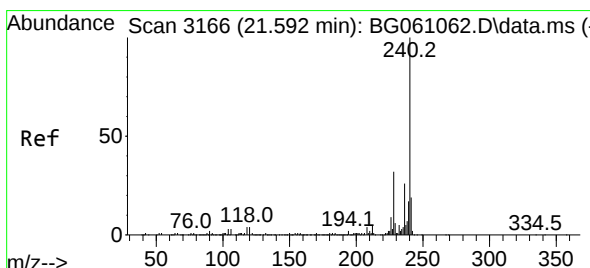
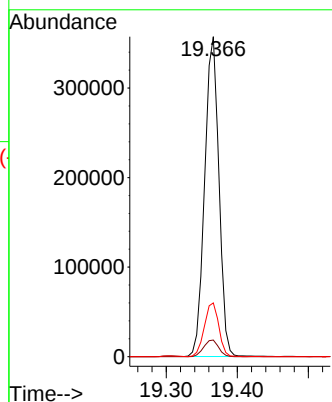


Tgt Ion:	202	Resp:	498534
Ion Ratio	Lower	Upper	
202	100		
101	5.2	0.0	24.7
203	16.8	0.0	37.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#76

Chrysene-d12

Concen: 20.000 ng

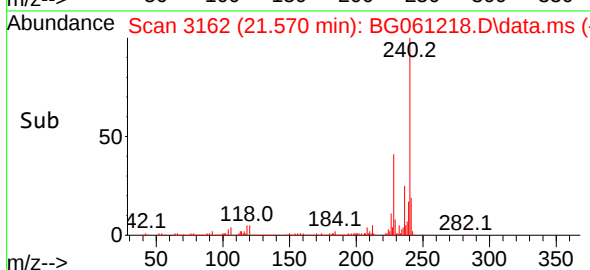
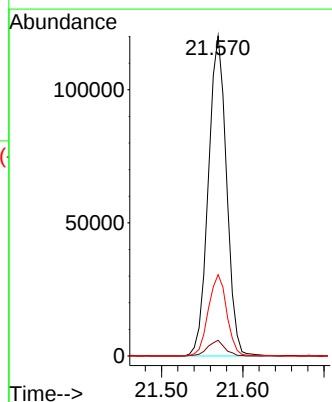
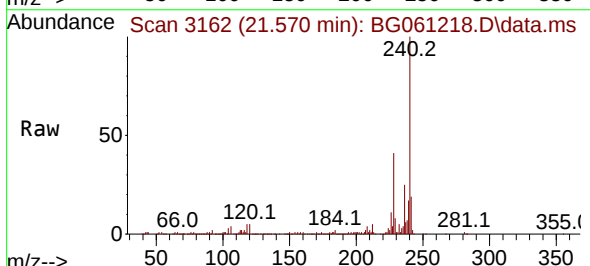
RT: 21.570 min Scan# 3162

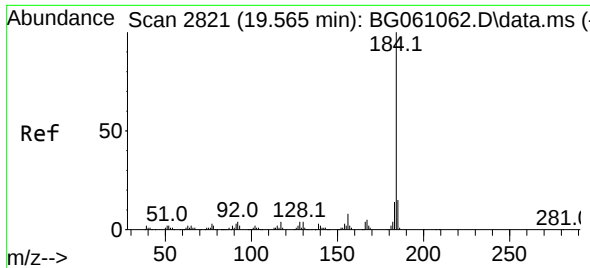
Delta R.T. -0.023 min

Lab File: BG061218.D

Acq: 16 May 2024 12:56

Tgt Ion:	240	Resp:	186713
Ion Ratio	Lower	Upper	
240	100		
120	4.9	3.2	4.8#
236	25.4	21.0	31.6





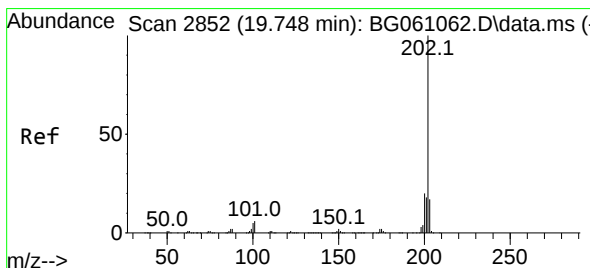
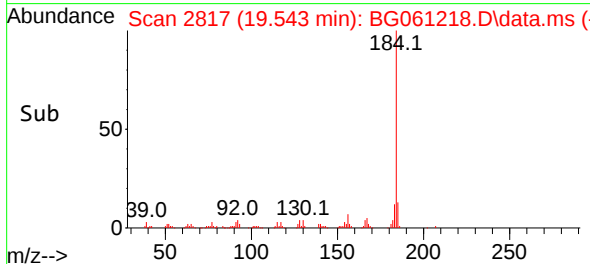
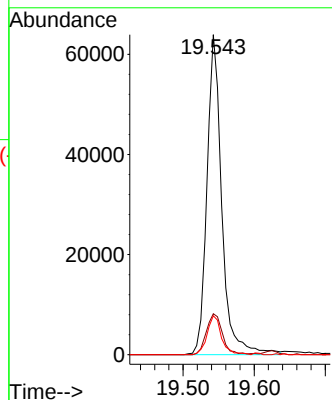
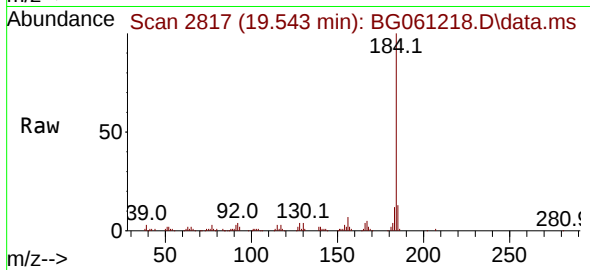
#77
Benzidine
Concen: 27.445 ng
RT: 19.543 min Scan# 2817
Delta R.T. -0.023 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Instrument :
BNA_G
ClientSampleId :
PB160933BS

Tgt Ion:184 Resp: 92997
Ion Ratio Lower Upper
184 100
185 12.8 12.0 18.0
183 12.2 10.9 16.3

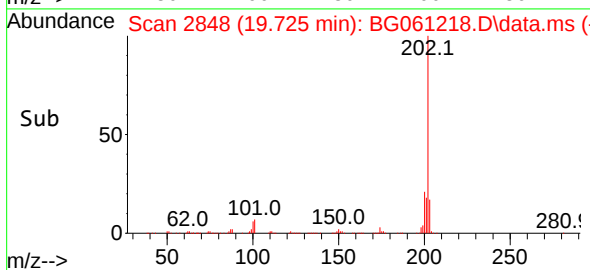
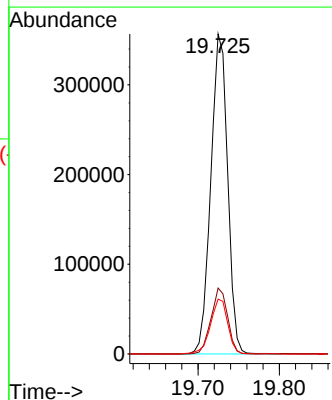
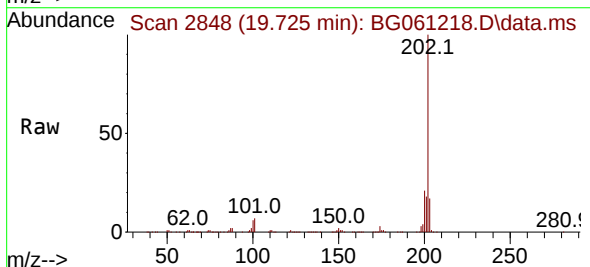
Manual Integrations
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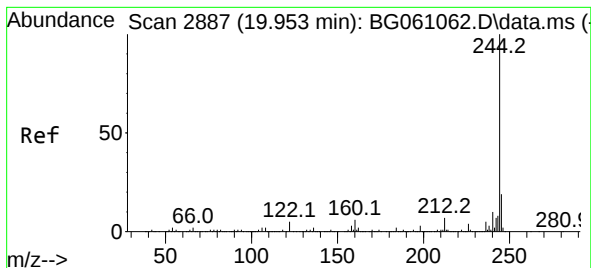
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#78
Pyrene
Concen: 43.178 ng
RT: 19.725 min Scan# 2848
Delta R.T. -0.023 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Tgt Ion:202 Resp: 512541
Ion Ratio Lower Upper
202 100
200 20.6 16.2 24.4
203 17.1 13.3 19.9





#79

Terphenyl-d14

Concen: 84.367 ng

RT: 19.924 min Scan# 2887

Delta R.T. -0.029 min

Lab File: BG061218.D

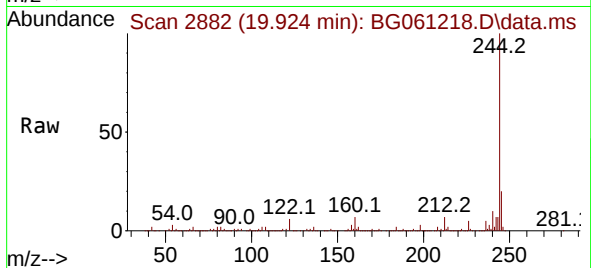
Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

PB160933BS



Tgt Ion:244 Resp: 94715

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

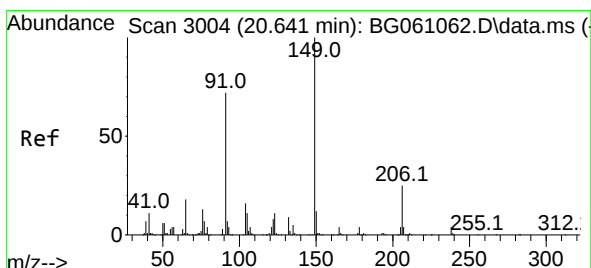
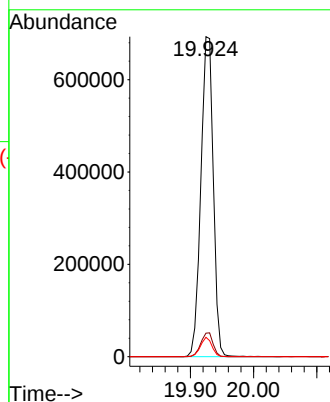
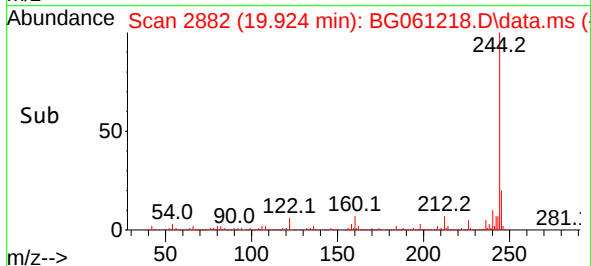
122 6.0 4.2 6.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/17/2024

Supervised By :mohammad ahmed 05/18/2024



#80

Butylbenzylphthalate

Concen: 44.399 ng

RT: 20.618 min Scan# 3000

Delta R.T. -0.023 min

Lab File: BG061218.D

Acq: 16 May 2024 12:56

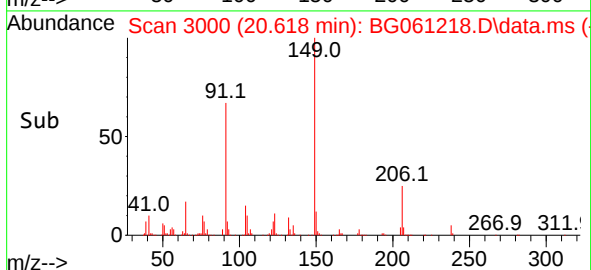
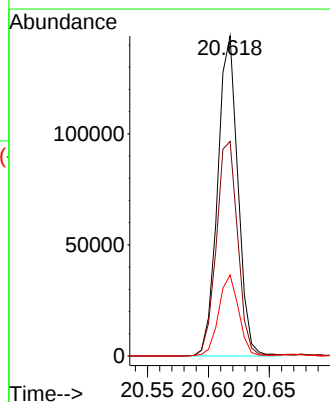
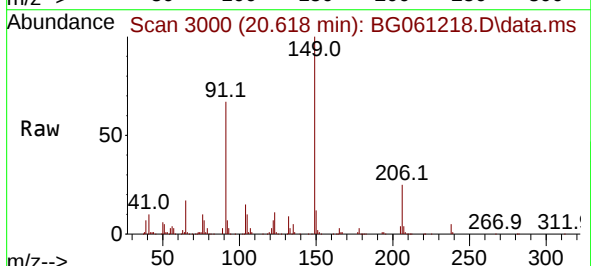
Tgt Ion:149 Resp: 166829

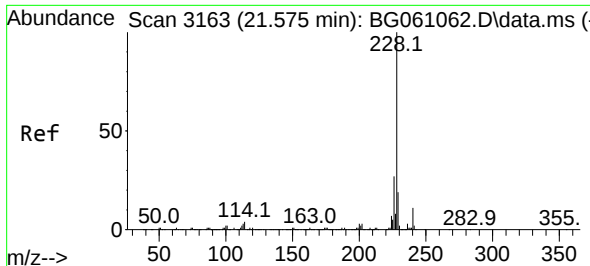
Ion Ratio Lower Upper

149 100

91 67.0 57.4 86.2

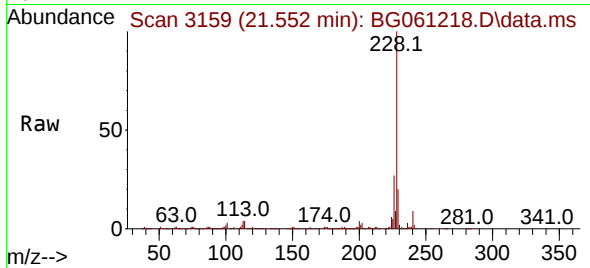
206 25.3 19.8 29.6





#81
Benzo(a)anthracene
Concen: 44.117 ng
RT: 21.552 min Scan# 3163
Delta R.T. -0.023 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

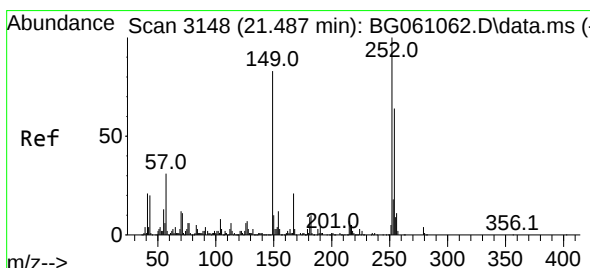
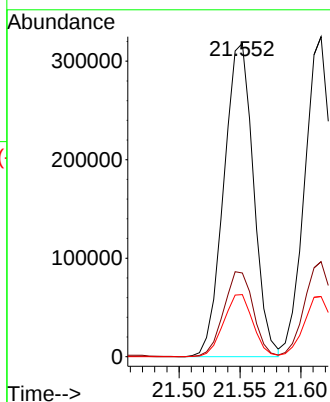
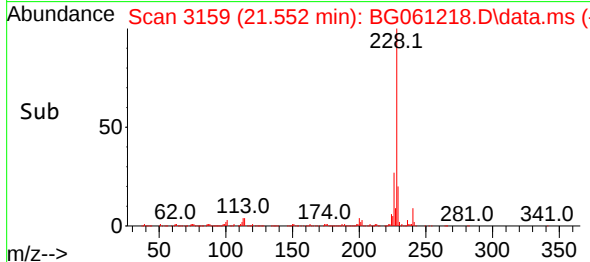
Instrument :
BNA_G
ClientSampleId :
PB160933BS



Tgt Ion:228 Resp: 539024
Ion Ratio Lower Upper
228 100
226 26.7 21.6 32.4
229 19.8 15.0 22.4

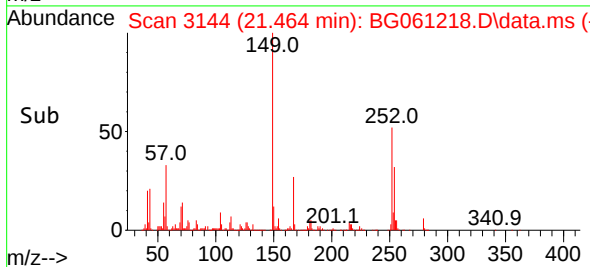
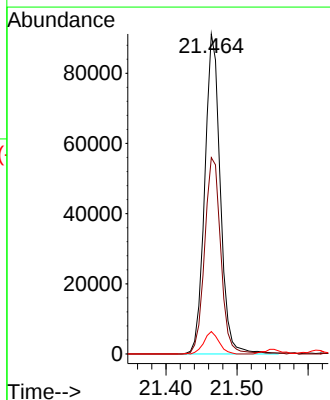
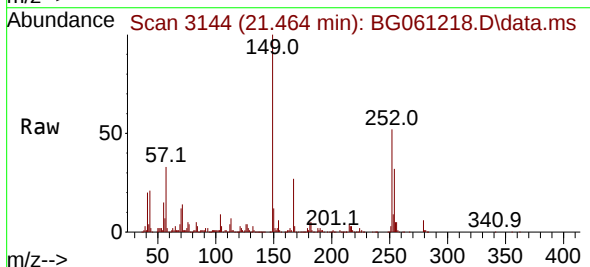
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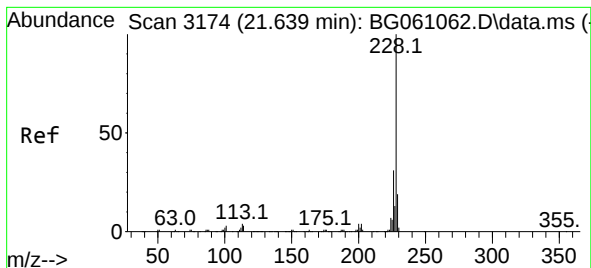
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#82
3,3'-Dichlorobenzidine
Concen: 31.585 ng
RT: 21.464 min Scan# 3144
Delta R.T. -0.023 min
Lab File: BG061218.D
Acq: 16 May 2024 12:56

Tgt Ion:252 Resp: 138878
Ion Ratio Lower Upper
252 100
254 61.4 51.3 76.9
126 7.0 5.2 7.8





#83

Chrysene

Concen: 44.309 ng

RT: 21.617 min Scan# 3170

Delta R.T. -0.023 min

Lab File: BG061218.D

Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

PB160933BS

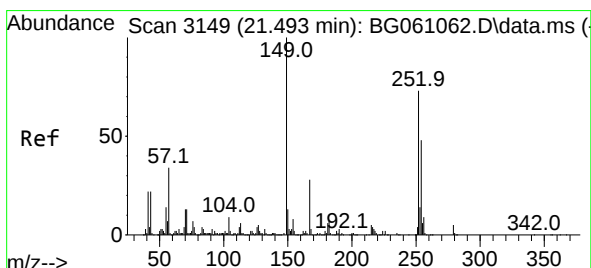
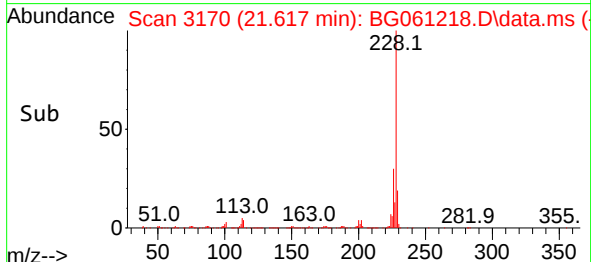
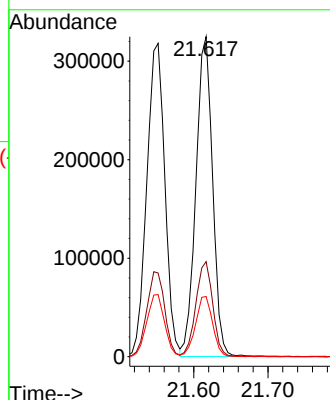
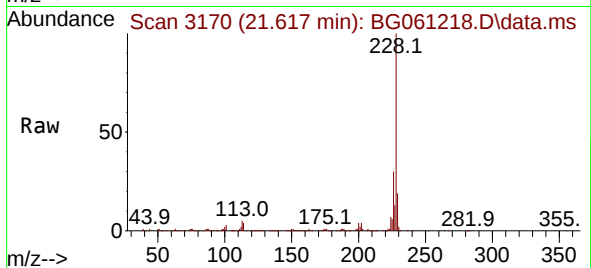
Tgt Ion:228 Resp: 507210

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.4	36.6
229	18.8	14.8	22.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.779 ng

RT: 21.464 min Scan# 3144

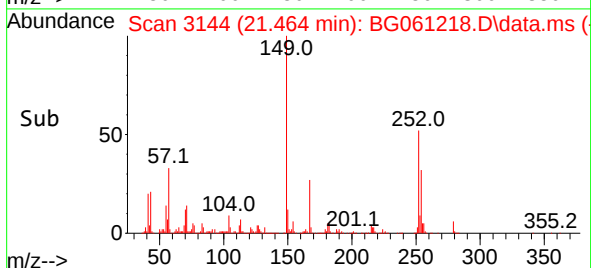
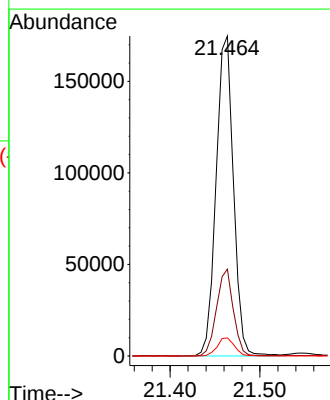
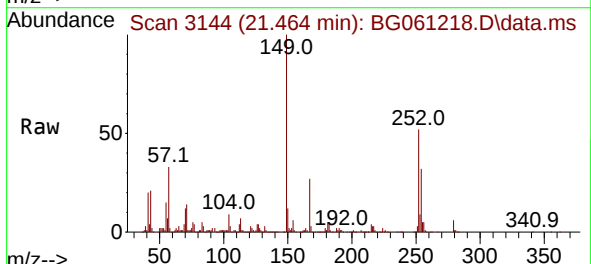
Delta R.T. -0.029 min

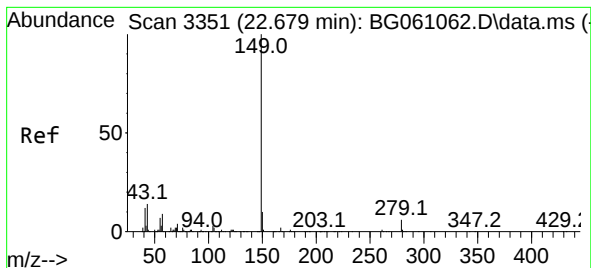
Lab File: BG061218.D

Acq: 16 May 2024 12:56

Tgt Ion:149 Resp: 234436

Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.1	33.1
279	5.7	4.1	6.1





#85

Di-n-octyl phthalate

Concen: 46.186 ng

RT: 22.639 min Scan# 31

Delta R.T. -0.041 min

Lab File: BG061218.D

Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

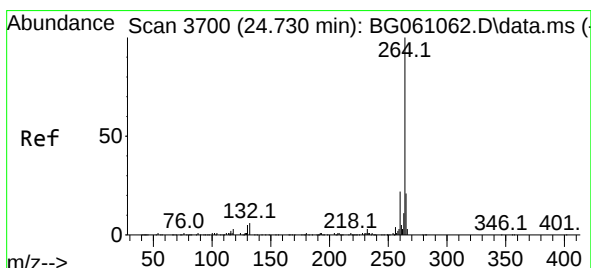
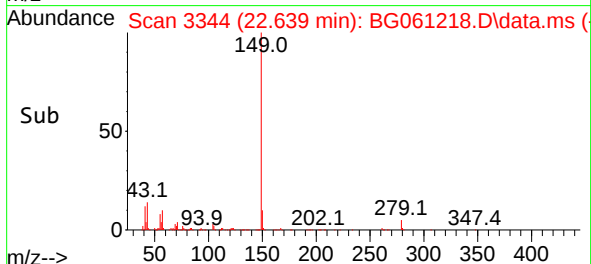
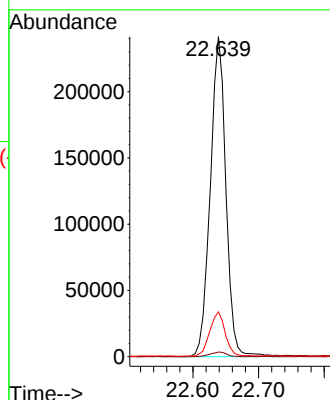
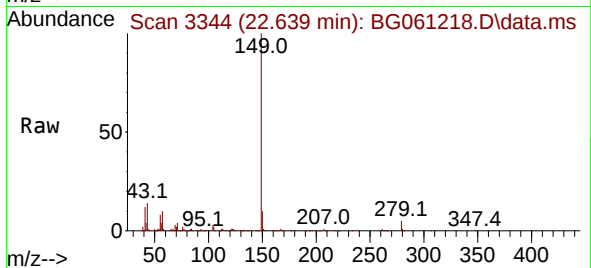
PB160933BS

Tgt Ion:149 Resp: 399822
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.4 2.0
 43 13.7 10.6 15.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024



#86

Perylene-d12

Concen: 20.000 ng

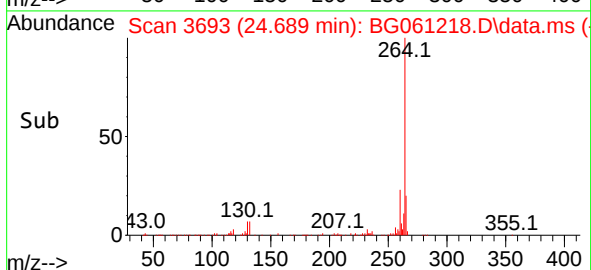
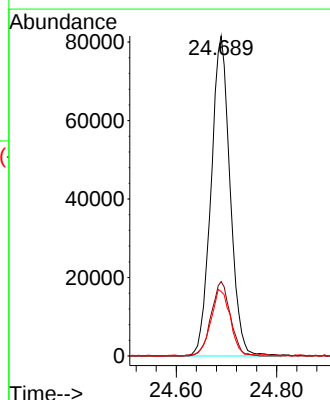
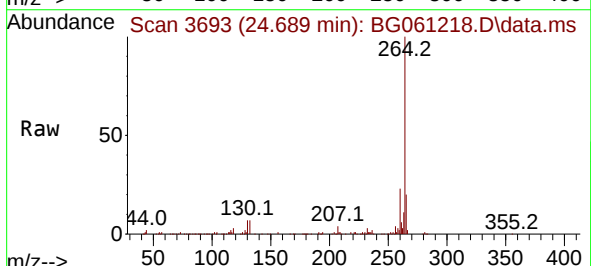
RT: 24.689 min Scan# 3693

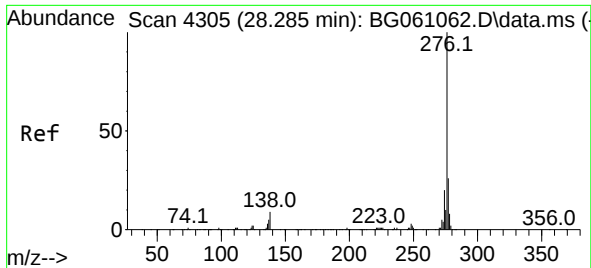
Delta R.T. -0.041 min

Lab File: BG061218.D

Acq: 16 May 2024 12:56

Tgt Ion:264 Resp: 214339
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.7 26.5
 265 20.1 16.4 24.6





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.709 ng
 RT: 28.238 min Scan# 41
 Delta R.T. -0.046 min
 Lab File: BG061218.D
 Acq: 16 May 2024 12:56

Instrument :

BNA_G

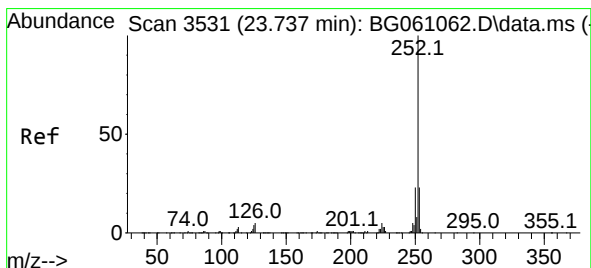
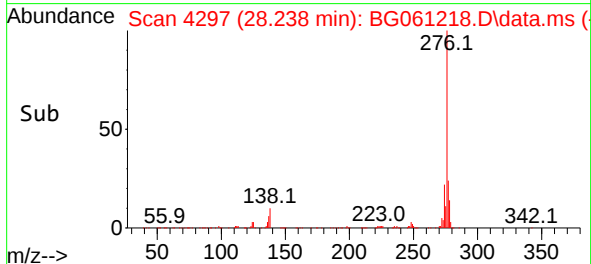
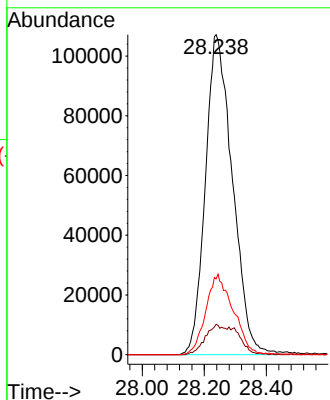
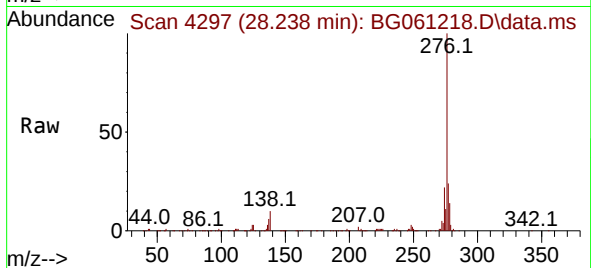
ClientSampleId :

PB160933BS

Tgt Ion:276 Resp: 64928
 Ion Ratio Lower Upper
 276 100
 138 7.0 5.1 7.7
 277 25.3 20.6 30.8

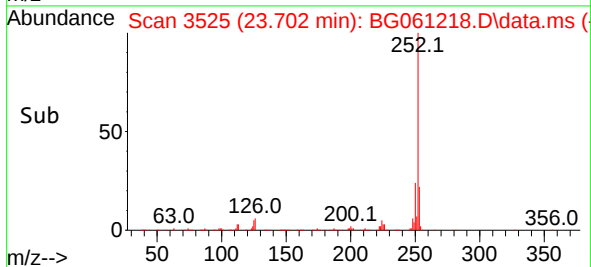
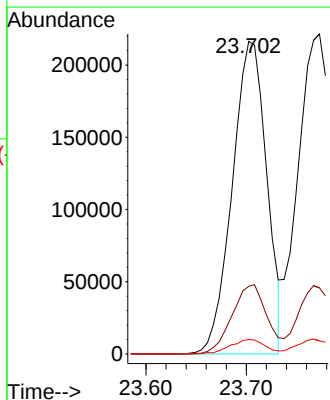
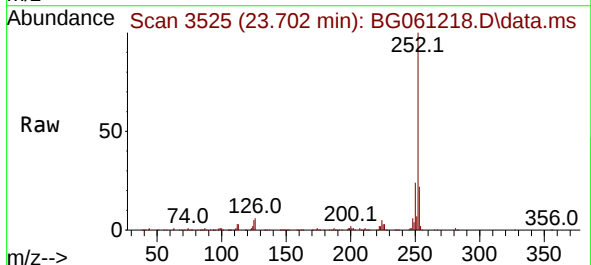
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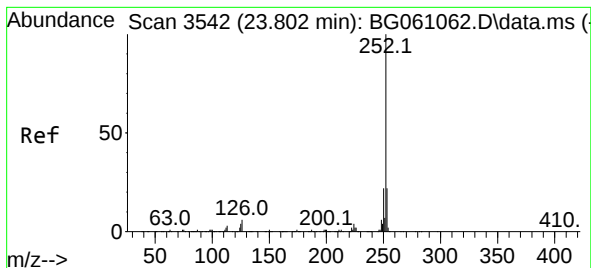
Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024



#88
 Benzo(b)fluoranthene
 Concen: 43.082 ng
 RT: 23.702 min Scan# 3525
 Delta R.T. -0.035 min
 Lab File: BG061218.D
 Acq: 16 May 2024 12:56

Tgt Ion:252 Resp: 516012
 Ion Ratio Lower Upper
 252 100
 253 21.6 18.2 27.2
 125 4.6 3.4 5.0





#89

Benzo(k)fluoranthene

Concen: 46.349 ng m

RT: 23.773 min Scan# 3

Delta R.T. -0.029 min

Lab File: BG061218.D

Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

PB160933BS

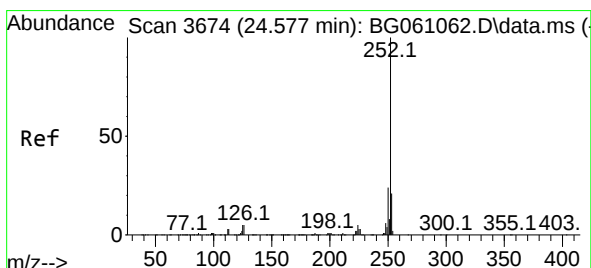
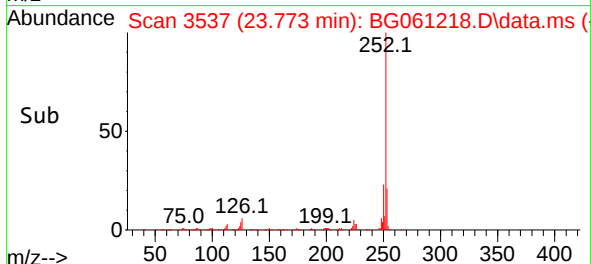
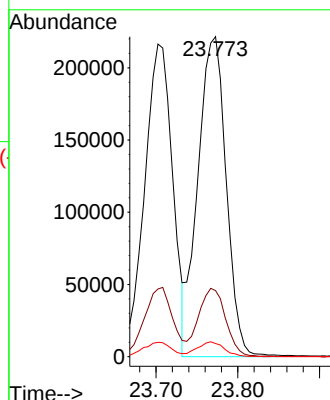
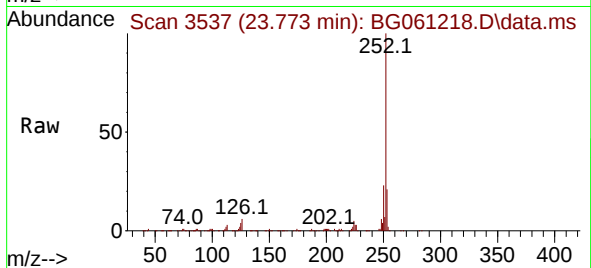
Tgt Ion:252 Resp: 534058

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.3	25.9
125	4.1	3.2	4.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#90

Benzo(a)pyrene

Concen: 46.515 ng

RT: 24.548 min Scan# 3669

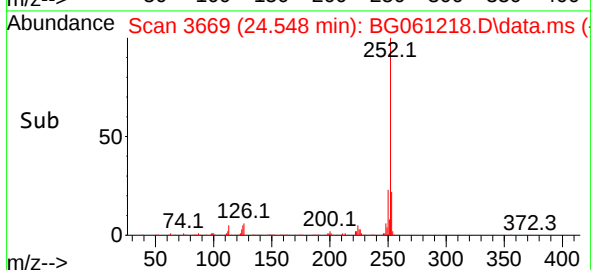
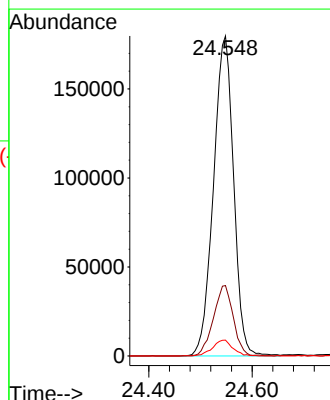
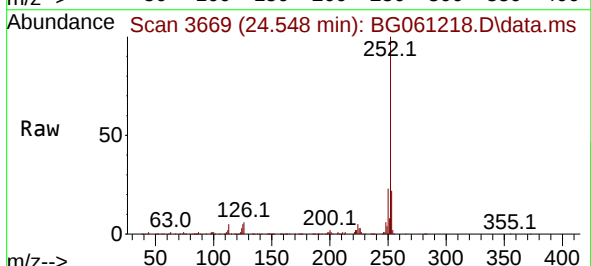
Delta R.T. -0.029 min

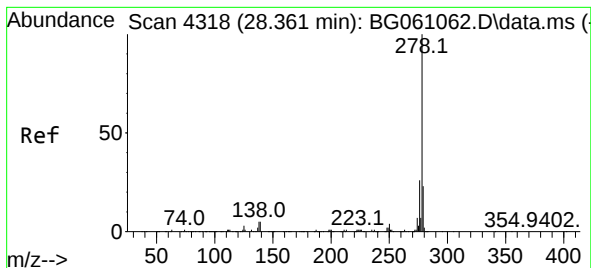
Lab File: BG061218.D

Acq: 16 May 2024 12:56

Tgt Ion:252 Resp: 485375

Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.9	25.3
125	5.0	3.8	5.8





#91

Dibenzo(a,h)anthracene

Concen: 45.348 ng

RT: 28.297 min Scan# 41

Delta R.T. -0.064 min

Lab File: BG061218.D

Acq: 16 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

PB160933BS

Tgt Ion:278 Resp: 53345

Ion Ratio Lower Upper

278 100

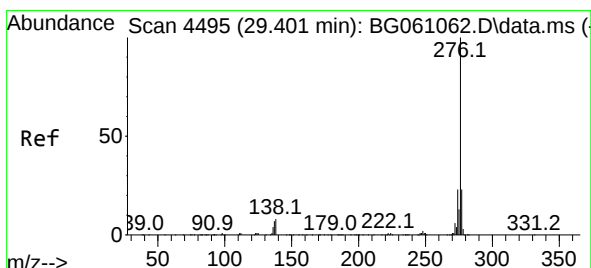
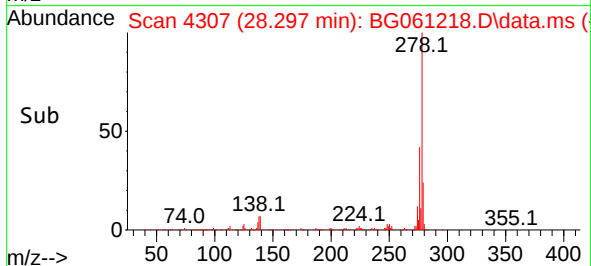
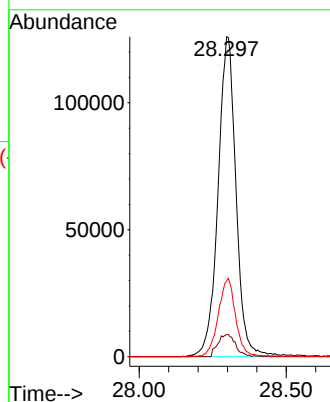
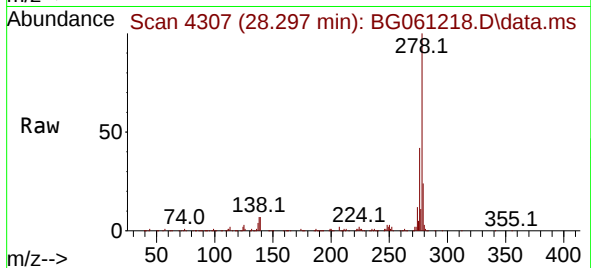
139 6.9 4.2 6.2

279 23.7 18.0 27.0

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Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#92

Benzo(g,h,i)perylene

Concen: 42.696 ng

RT: 29.349 min Scan# 4486

Delta R.T. -0.052 min

Lab File: BG061218.D

Acq: 16 May 2024 12:56

Tgt Ion:276 Resp: 499113

Ion Ratio Lower Upper

276 100

277 23.6 18.2 27.4

138 9.2 6.2 9.2

