

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082824\
 Data File : BG062592.D
 Acq On : 28 Aug 2024 12:22
 Operator : MA/JU
 Sample : PB163031BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB163031BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024
 Supervised By :mohammad ahmed 08/30/2024

Quant Time: Aug 28 12:56:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 00:59:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	74892	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	342142	20.000	ng	# 0.00
39) Acenaphthene-d10	14.559	164	261734	20.000	ng	0.00
64) Phenanthrene-d10	17.303	188	645903	20.000	ng	0.00
76) Chrysene-d12	21.551	240	674833	20.000	ng	0.00
86) Perylene-d12	24.630	264	687755	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.523	112	628410	150.526	ng	0.00
7) Phenol-d6	7.109	99	829516	139.497	ng	0.00
23) Nitrobenzene-d5	9.089	82	483383	93.764	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	415451	143.694	ng	0.00
45) 2-Fluorobiphenyl	13.184	172	1270278	79.803	ng	0.00
79) Terphenyl-d14	19.917	244	2611300	80.903	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.425	88	53230	26.766	ng	96
3) Pyridine	3.819	79	129777	23.977	ng	97
4) n-Nitrosodimethylamine	3.736	42	109525	37.992	ng	92
6) Aniline	7.256	93	158879	28.308	ng	100
8) 2-Chlorophenol	7.503	128	232619	51.719	ng	95
9) Benzaldehyde	7.068	77	55141m	14.689	ng	
10) Phenol	7.132	94	321526	52.099	ng	98
11) bis(2-Chloroethyl)ether	7.356	93	225974	45.029	ng	98
12) 1,3-Dichlorobenzene	7.826	146	221669	42.089	ng	98
13) 1,4-Dichlorobenzene	7.967	146	227266	42.349	ng	98
14) 1,2-Dichlorobenzene	8.284	146	224414	42.736	ng	100
15) Benzyl Alcohol	8.172	79	222594	53.768	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.448	45	438266	45.979	ng	99
17) 2-Methylphenol	8.378	107	206053	49.986	ng	97
18) Hexachloroethane	9.013	117	77622	43.352	ng	96
19) n-Nitroso-di-n-propyla...	8.736	70	199548	50.108	ng	97
20) 3+4-Methylphenols	8.701	107	288573	51.194	ng	99
22) Acetophenone	8.748	105	342924	40.165	ng	# 99
24) Nitrobenzene	9.130	77	270795	48.505	ng	99
25) Isophorone	9.653	82	568198	45.437	ng	99
26) 2-Nitrophenol	9.841	139	98235	51.474	ng	99
27) 2,4-Dimethylphenol	9.900	122	188019	57.531	ng	99
28) bis(2-Chloroethoxy)met...	10.135	93	337815	46.605	ng	97
29) 2,4-Dichlorophenol	10.376	162	255420	52.791	ng	96
30) 1,2,4-Trichlorobenzene	10.587	180	262913	44.482	ng	95
31) Naphthalene	10.775	128	722111	42.284	ng	99
32) Benzoic acid	10.047	122	139354m	51.547	ng	
33) 4-Chloroaniline	10.881	127	163824	26.407	ng	98
34) Hexachlorobutadiene	11.063	225	159791	41.440	ng	93
35) Caprolactam	11.656	113	69458m	53.275	ng	
36) 4-Chloro-3-methylphenol	12.009	107	263890	50.337	ng	99
37) 2-Methylnaphthalene	12.379	142	519273	45.129	ng	96
38) 1-Methylnaphthalene	12.602	142	497202	43.185	ng	100
40) 1,2,4,5-Tetrachloroben...	12.749	216	294549	39.512	ng	99
41) Hexachlorocyclopentadiene	12.732	237	203254	108.444	ng	96
43) 2,4,6-Trichlorophenol	12.990	196	210286	49.286	ng	94

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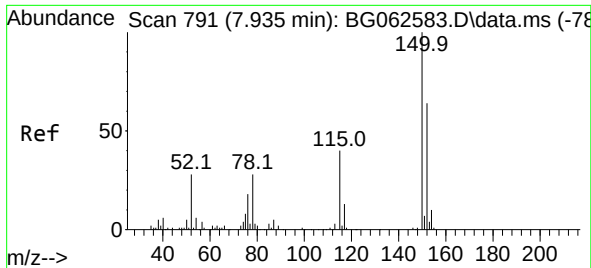
Manual Integrations
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.067	196	239336	47.598	ng	97
46) 1,1'-Biphenyl	13.390	154	693290	39.589	ng	99
47) 2-Chloronaphthalene	13.431	162	597924	42.778	ng	97
48) 2-Nitroaniline	13.631	65	157758	52.882	ng	97
49) Acenaphthylene	14.277	152	1005966	47.211	ng	98
50) Dimethylphthalate	14.013	163	817655	48.075	ng	100
51) 2,6-Dinitrotoluene	14.130	165	145162	44.290	ng	94
52) Acenaphthene	14.624	154	562618	42.797	ng	98
53) 3-Nitroaniline	14.459	138	110573	39.156	ng	# 98
54) 2,4-Dinitrophenol	14.665	184	166686	107.713	ng	95
55) Dibenzofuran	14.959	168	999505	44.342	ng	99
56) 4-Nitrophenol	14.776	139	284677	106.692	ng	97
57) 2,4-Dinitrotoluene	14.917	165	213811	55.019	ng	99
58) Fluorene	15.605	166	768134	43.395	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.182	232	235478	51.443	ng	97
60) Diethylphthalate	15.382	149	815139	50.012	ng	99
61) 4-Chlorophenyl-phenyle...	15.599	204	412062	43.804	ng	98
62) 4-Nitroaniline	15.628	138	168720	53.839	ng	98
63) Azobenzene	15.893	77	843149	45.524	ng	98
65) 4,6-Dinitro-2-methylph...	15.681	198	125113	57.258	ng	96
66) n-Nitrosodiphenylamine	15.810	169	727934	46.400	ng	98
67) 4-Bromophenyl-phenylether	16.492	248	279646	44.979	ng	97
68) Hexachlorobenzene	16.610	284	317791	44.236	ng	98
69) Atrazine	16.762	200	226696	53.123	ng	98
70) Pentachlorophenol	16.950	266	373720	86.800	ng	96
71) Phenanthrene	17.344	178	1384286	44.504	ng	99
72) Anthracene	17.432	178	1379704	45.335	ng	100
73) Carbazole	17.702	167	1298969	46.005	ng	99
74) Di-n-butylphthalate	18.266	149	1342723	54.357	ng	99
75) Fluoranthene	19.353	202	1736162	44.586	ng	99
77) Benzidine	19.536	184	134662	15.704	ng	98
78) Pyrene	19.718	202	1823715	42.505	ng	100
80) Butylbenzylphthalate	20.611	149	508784	52.160	ng	98
81) Benzo(a)anthracene	21.527	228	1960070	45.606	ng	99
82) 3,3'-Dichlorobenzidine	21.451	252	444249	39.078	ng	99
83) Chrysene	21.598	228	1872740	44.531	ng	98
84) Bis(2-ethylhexyl)phtha...	21.451	149	773517	56.955	ng	99
85) Di-n-octyl phthalate	22.614	149	1390027	54.207	ng	94
87) Indeno(1,2,3-cd)pyrene	28.120	276	2288968	52.777	ng	# 96
88) Benzo(b)fluoranthene	23.660	252	1914901	49.710	ng	100
89) Benzo(k)fluoranthene	23.725	252	1980391	51.816	ng	99
90) Benzo(a)pyrene	24.489	252	1798319	53.103	ng	99
91) Dibenzo(a,h)anthracene	28.184	278	1891126	52.764	ng	98
92) Benzo(g,h,i)perylene	29.212	276	1792071	49.183	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 791
Delta R.T. -0.004 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Instrument :

BNA_G

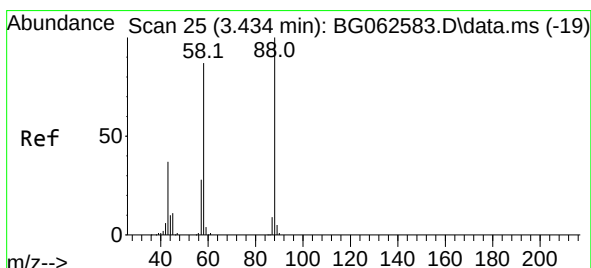
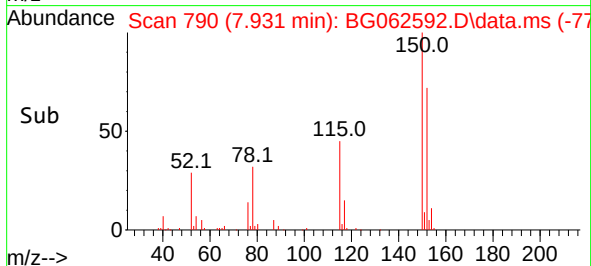
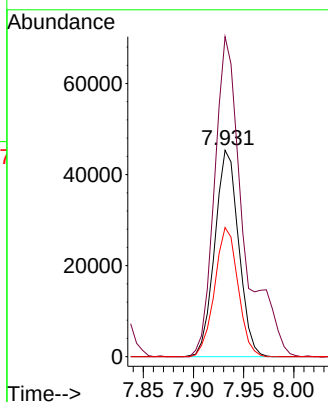
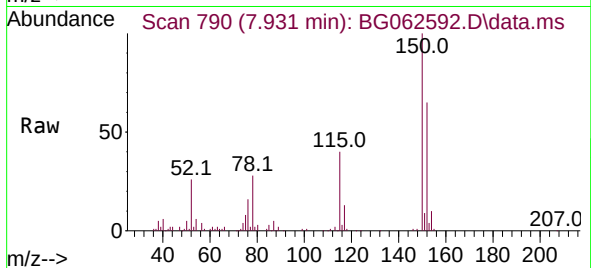
ClientSampleId :

PB163031BS

Tgt Ion:152 Resp: 74892
Ion Ratio Lower Upper
152 100
150 155.0 125.1 187.7
115 62.6 50.6 76.0

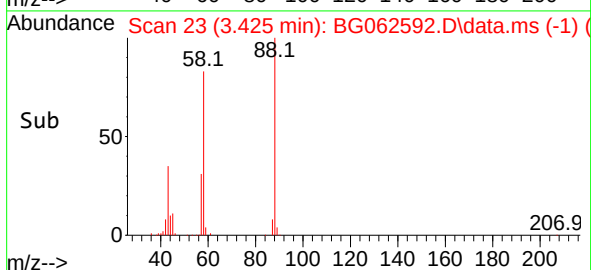
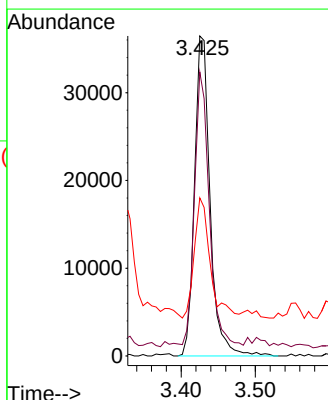
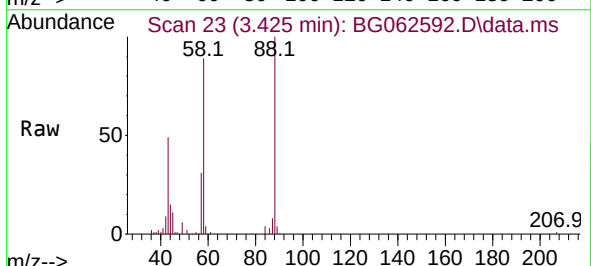
Manual Integrations
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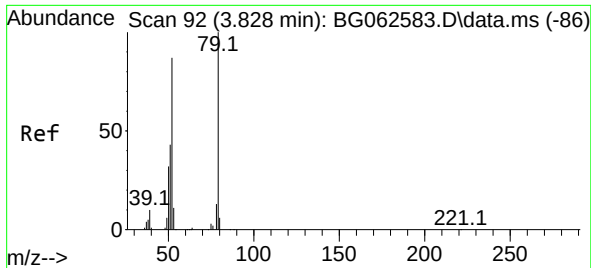
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#2
1,4-Dioxane
Concen: 26.766 ng
RT: 3.425 min Scan# 23
Delta R.T. -0.009 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

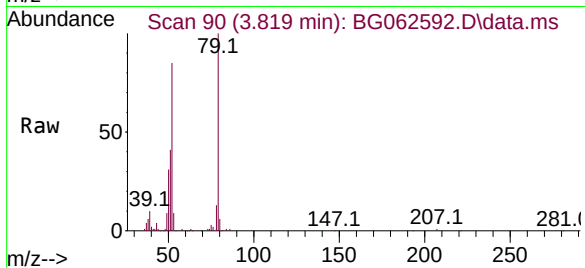
Tgt Ion: 88 Resp: 53230
Ion Ratio Lower Upper
88 100
58 80.4 66.6 99.8
43 38.2 28.2 42.2





#3
Pyridine
Concen: 23.977 ng
RT: 3.819 min Scan# 90
Delta R.T. -0.009 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

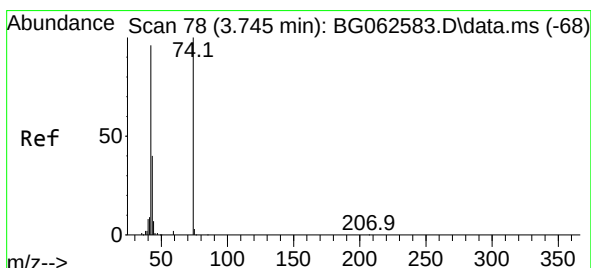
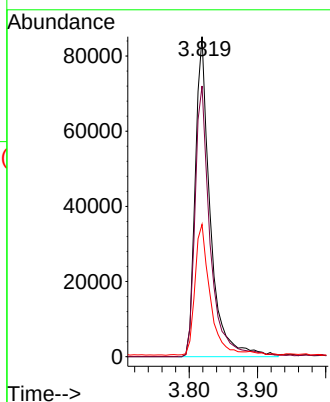
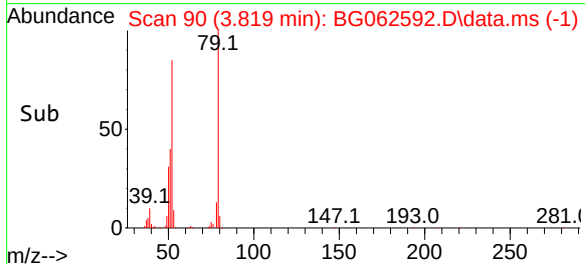
Instrument :
BNA_G
ClientSampleId :
PB163031BS



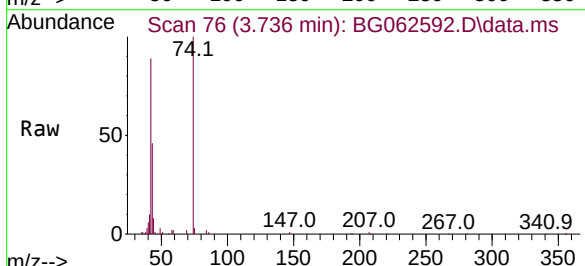
Tgt Ion: 79 Resp: 12977
Ion Ratio Lower Upper
79 100
52 84.6 69.7 104.5
51 41.3 35.6 53.4

Manual Integrations
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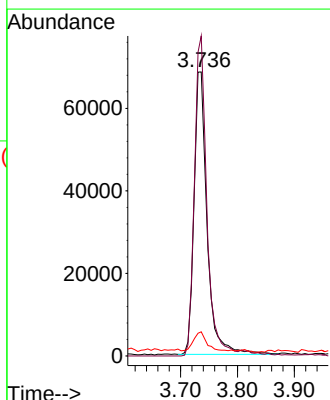
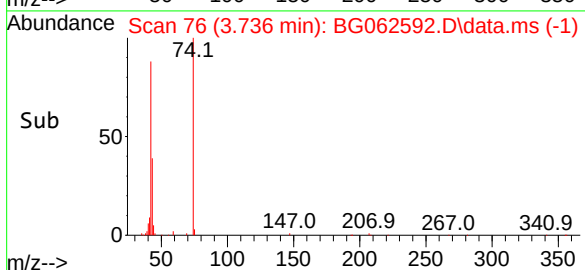
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

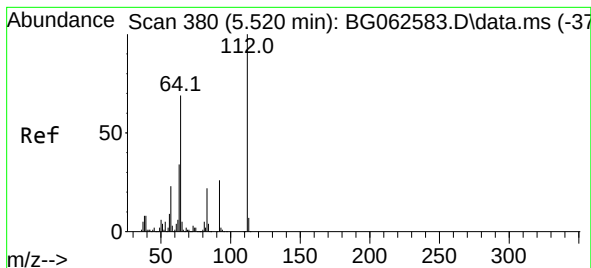


#4
n-Nitrosodimethylamine
Concen: 37.992 ng
RT: 3.736 min Scan# 76
Delta R.T. -0.009 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22



Tgt Ion: 42 Resp: 109525
Ion Ratio Lower Upper
42 100
74 112.7 83.5 125.3
44 8.5 7.4 11.0





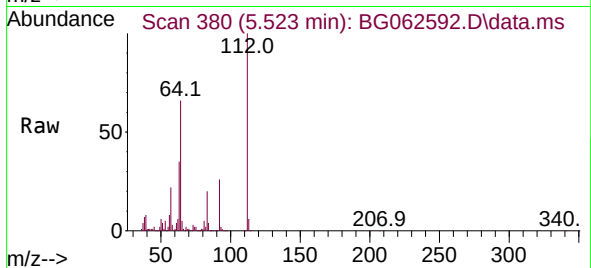
#5
2-Fluorophenol
Concen: 150.526 ng
RT: 5.523 min Scan# 380
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Instrument :

BNA_G

ClientSampleId :

PB163031BS

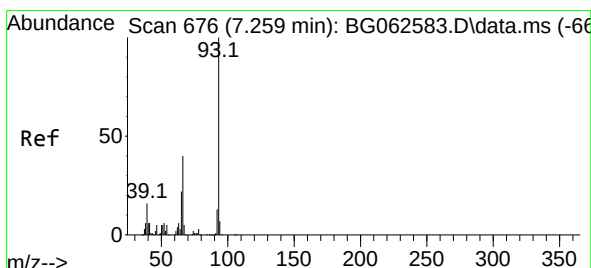
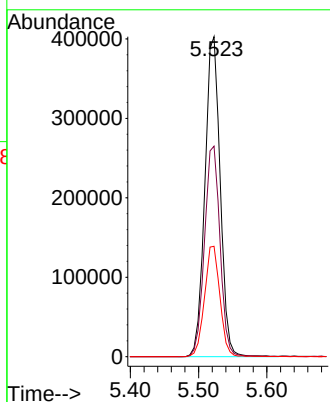
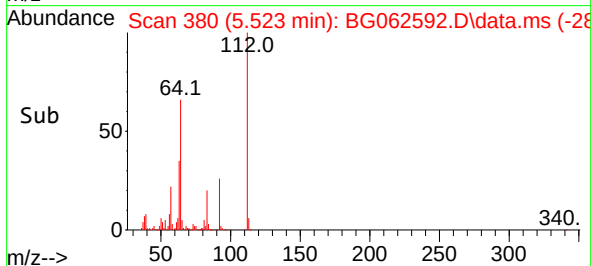


Tgt Ion:112 Resp: 628410
Ion Ratio Lower Upper
112 100
64 65.8 55.5 83.3
63 34.5 27.4 41.2

Manual Integrations

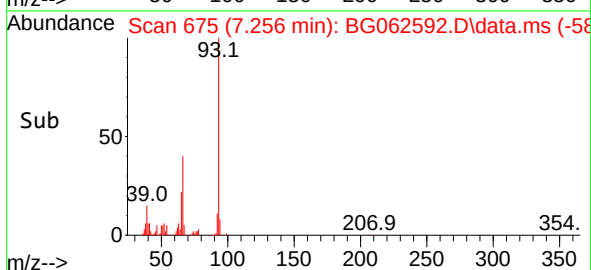
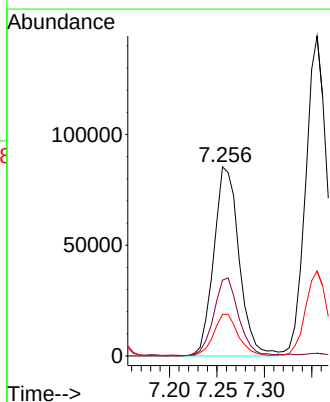
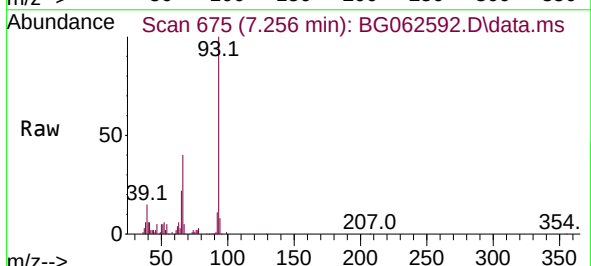
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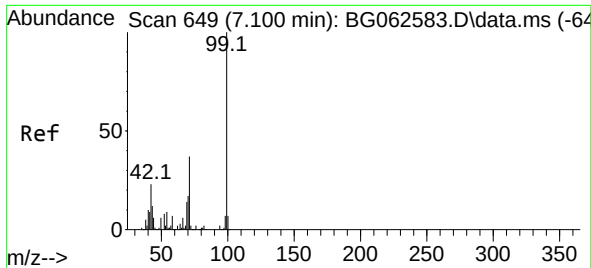
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#6
Aniline
Concen: 28.308 ng
RT: 7.256 min Scan# 675
Delta R.T. -0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

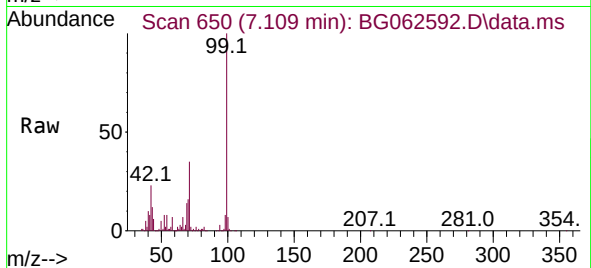
Tgt Ion: 93 Resp: 158879
Ion Ratio Lower Upper
93 100
66 40.1 32.4 48.6
65 22.0 17.6 26.4





#7
Phenol-d6
Concen: 139.497 ng
RT: 7.109 min Scan# 649
Delta R.T. 0.009 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

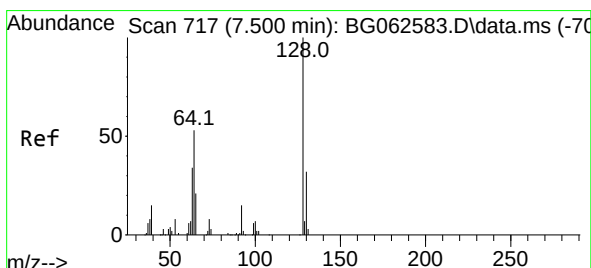
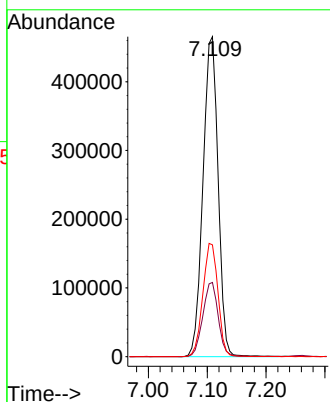
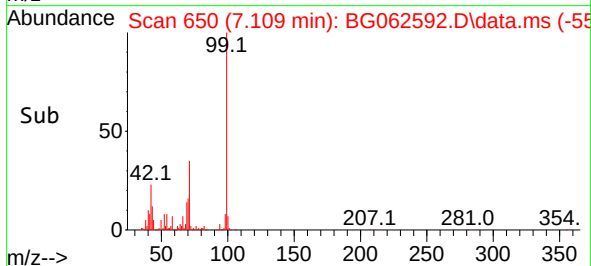
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 99 Resp: 829510
Ion Ratio Lower Upper
99 100
42 23.2 18.7 28.1
71 34.9 29.8 44.6

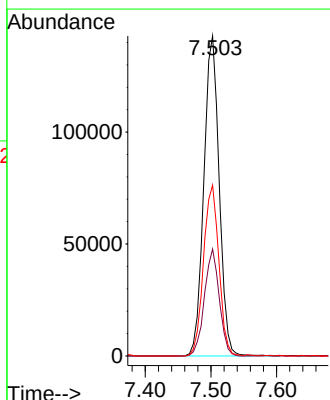
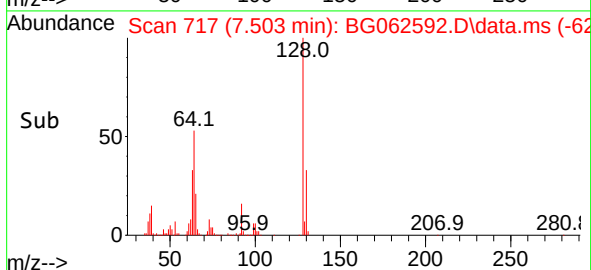
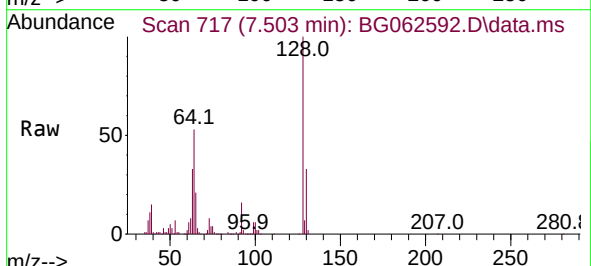
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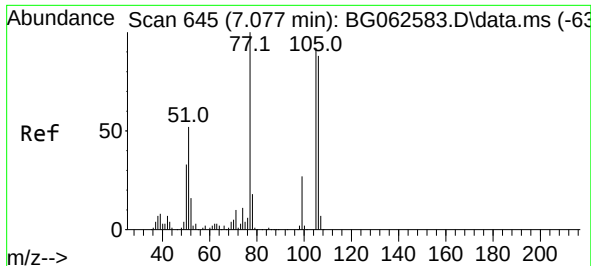
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#8
2-Chlorophenol
Concen: 51.719 ng
RT: 7.503 min Scan# 717
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

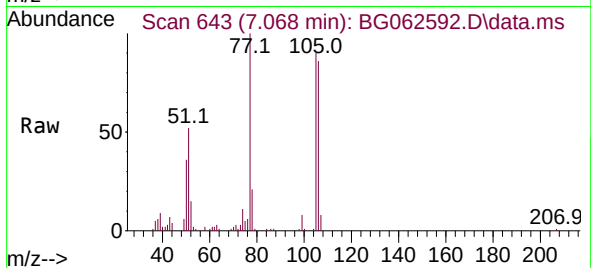
Tgt Ion:128 Resp: 232619
Ion Ratio Lower Upper
128 100
130 33.4 11.6 51.6
64 53.4 37.5 77.5





#9
Benzaldehyde
Concen: 14.689 ng m
RT: 7.068 min Scan# 64
Delta R.T. -0.009 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

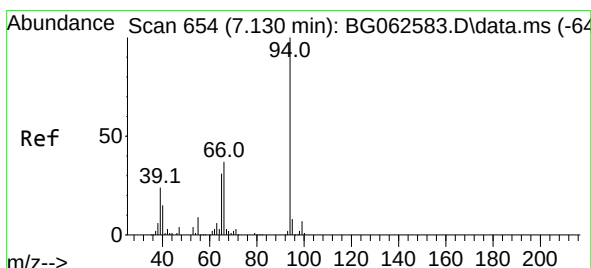
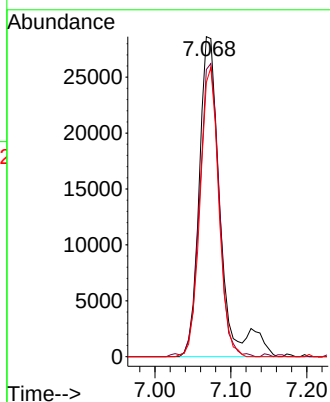
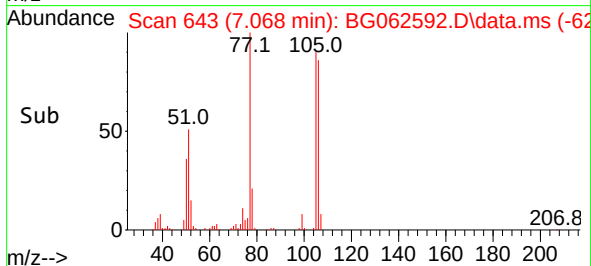
Instrument :
BNA_G
ClientSampleId :
PB163031BS



Tgt Ion: 77 Resp: 5514
Ion Ratio Lower Upper
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105 89.8 72.0 112.0
106 85.7 67.7 107.7

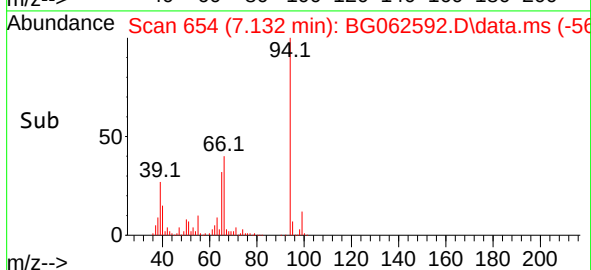
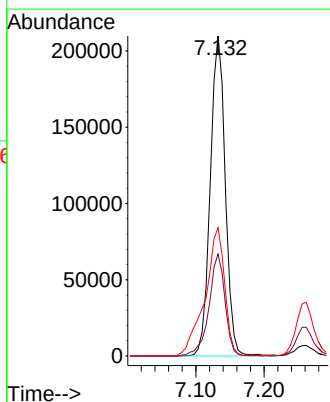
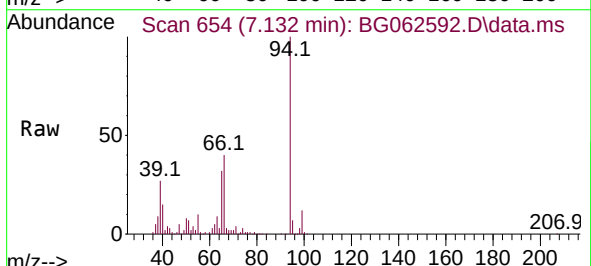
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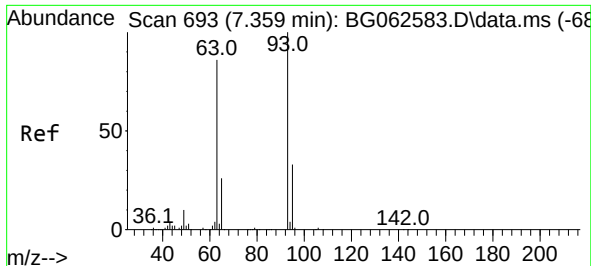
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#10
Phenol
Concen: 52.099 ng
RT: 7.132 min Scan# 654
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Tgt Ion: 94 Resp: 321526
Ion Ratio Lower Upper
94 100
65 31.9 11.6 51.6
66 40.1 17.7 57.7





#11
bis(2-Chloroethyl)ether
Concen: 45.029 ng
RT: 7.356 min Scan# 693
Delta R.T. -0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Instrument :

BNA_G

ClientSampleId :

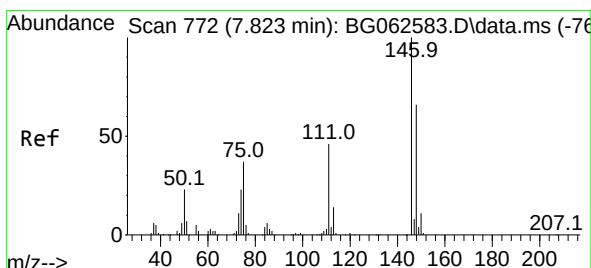
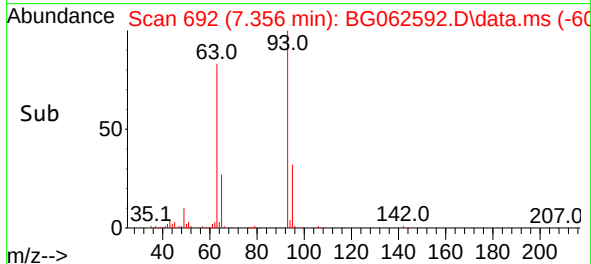
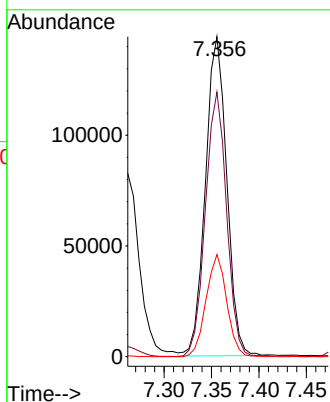
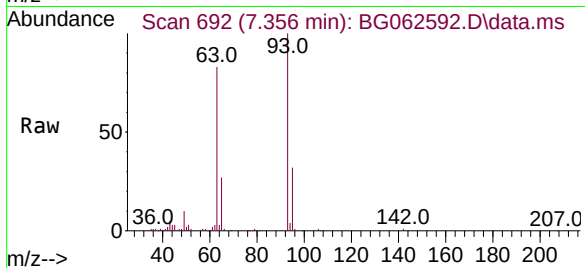
PB163031BS

Tgt Ion: 93 Resp: 225974
Ion Ratio Lower Upper
93 100
63 82.7 64.7 104.7
95 31.9 12.3 52.3

Manual Integrations

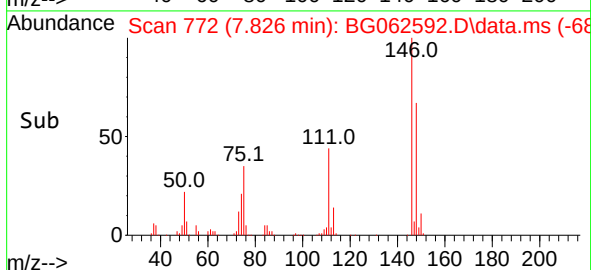
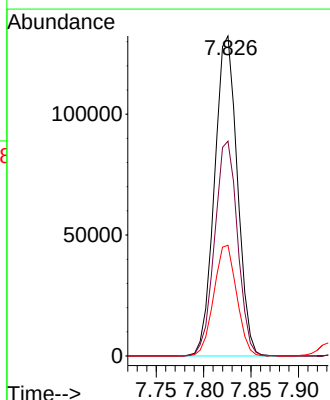
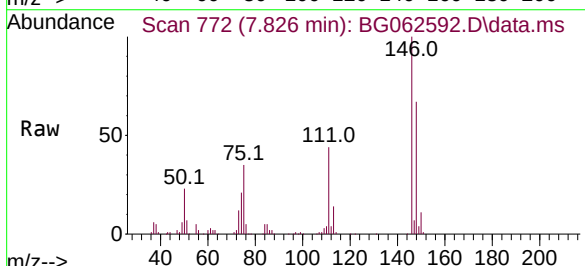
APPROVED

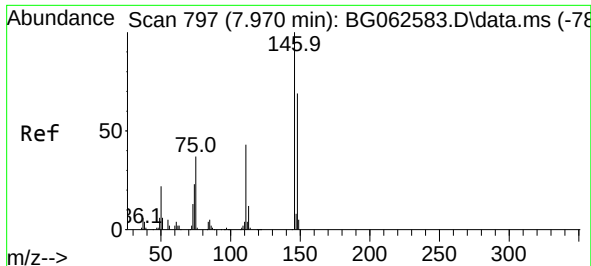
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#12
1,3-Dichlorobenzene
Concen: 42.089 ng
RT: 7.826 min Scan# 772
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

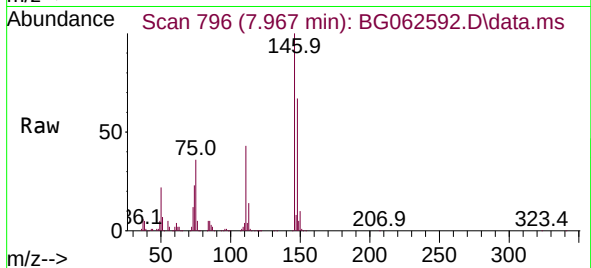
Tgt Ion:146 Resp: 221669
Ion Ratio Lower Upper
146 100
148 67.2 52.6 78.8
75 34.6 29.4 44.0





#13
1,4-Dichlorobenzene
Concen: 42.349 ng
RT: 7.967 min Scan# 797
Delta R.T. -0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

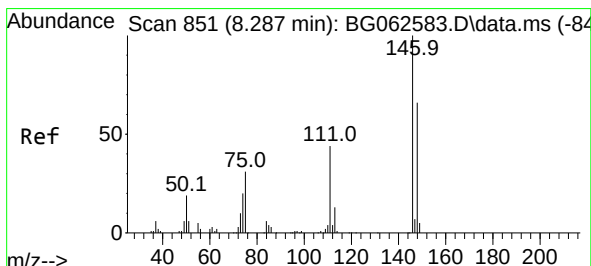
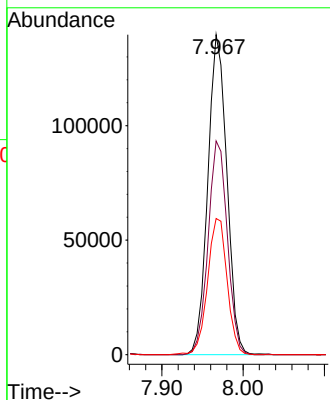
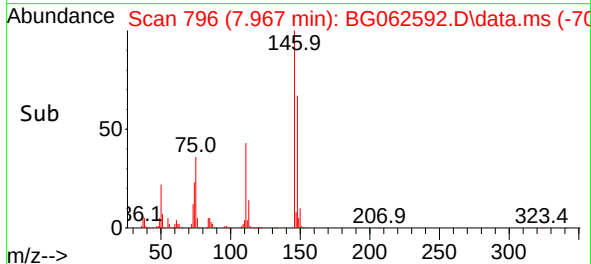
Instrument :
BNA_G
ClientSampleId :
PB163031BS



Tgt Ion:146 Resp: 227260
Ion Ratio Lower Upper
146 100
148 66.8 55.0 82.4
111 42.6 34.8 52.2

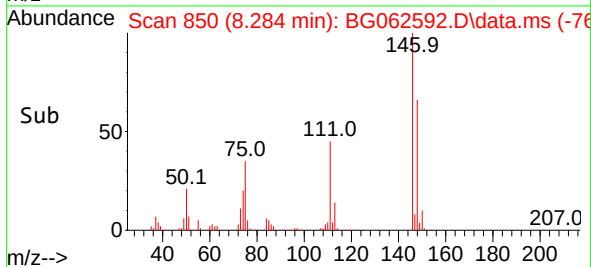
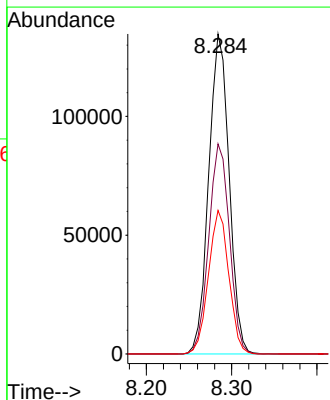
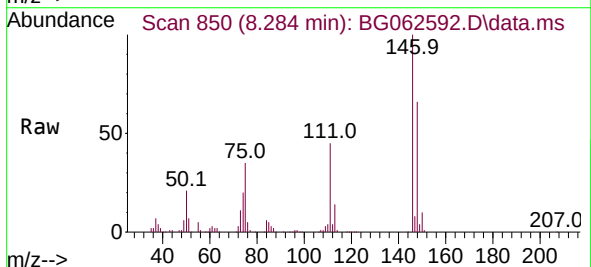
Manual Integrations
APPROVED

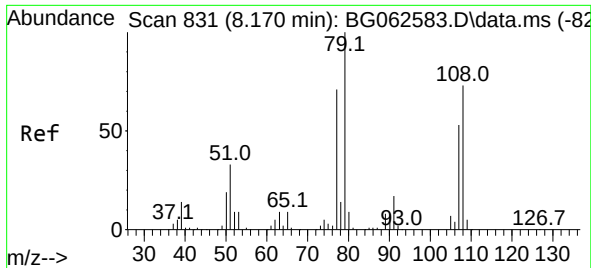
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#14
1,2-Dichlorobenzene
Concen: 42.736 ng
RT: 8.284 min Scan# 850
Delta R.T. -0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

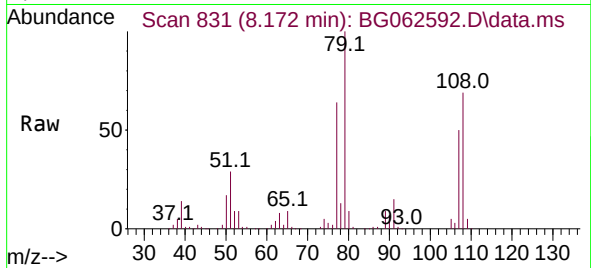
Tgt Ion:146 Resp: 224414
Ion Ratio Lower Upper
146 100
148 65.6 52.6 79.0
111 44.9 35.6 53.4





#15
Benzyl Alcohol
Concen: 53.768 ng
RT: 8.172 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

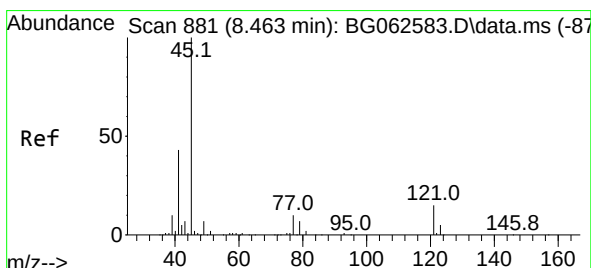
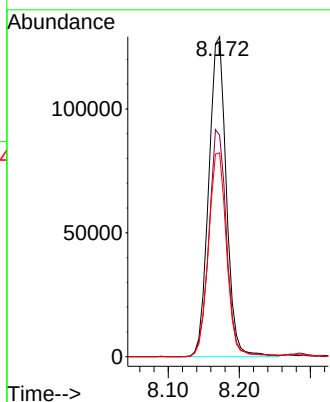
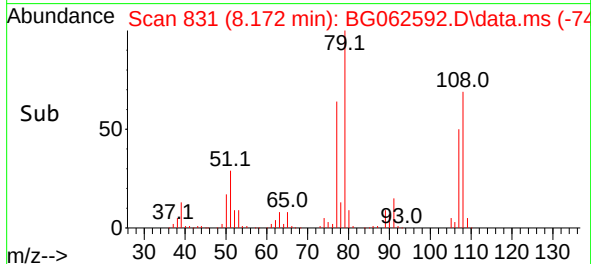
Instrument :
BNA_G
ClientSampleId :
PB163031BS



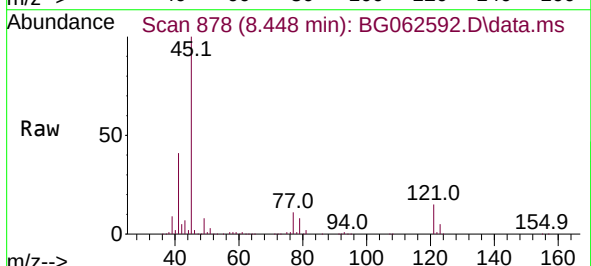
Tgt Ion: 79 Resp: 222594
Ion Ratio Lower Upper
79 100
108 69.2 58.2 87.2
77 63.7 56.5 84.7

Manual Integrations
APPROVED

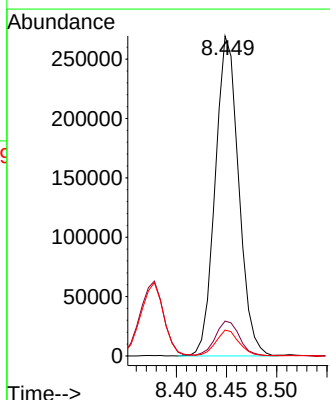
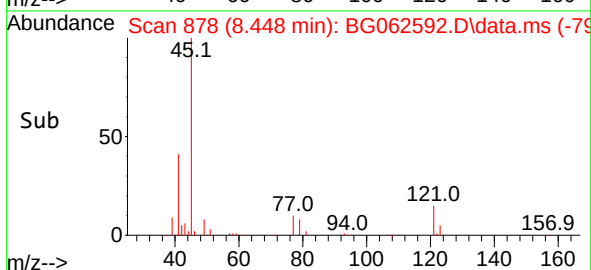
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

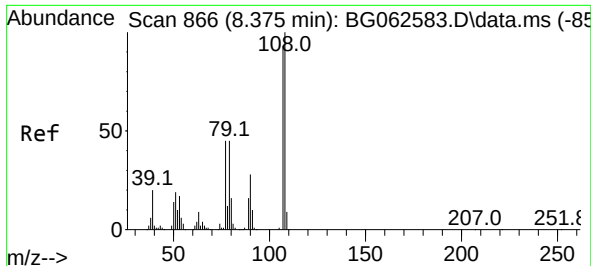


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.979 ng
RT: 8.448 min Scan# 878
Delta R.T. -0.015 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22



Tgt Ion: 45 Resp: 438266
Ion Ratio Lower Upper
45 100
77 10.9 0.0 31.2
79 8.1 0.0 28.2





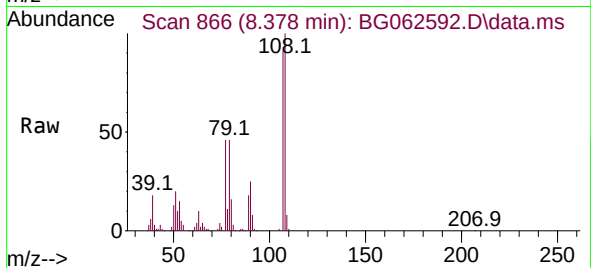
#17
2-Methylphenol
Concen: 49.986 ng
RT: 8.378 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Instrument :

BNA_G

ClientSampleId :

PB163031BS

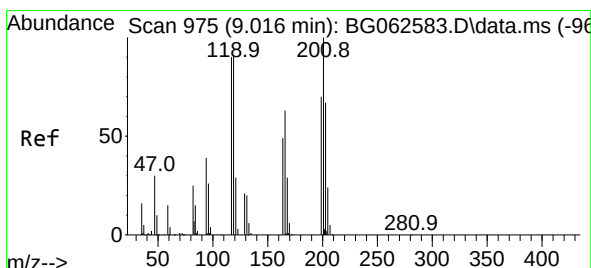
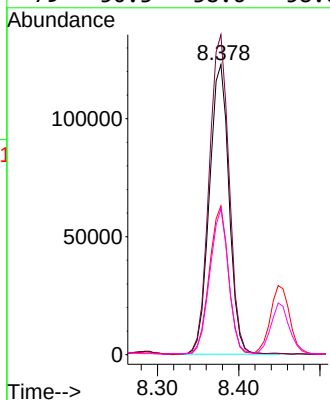
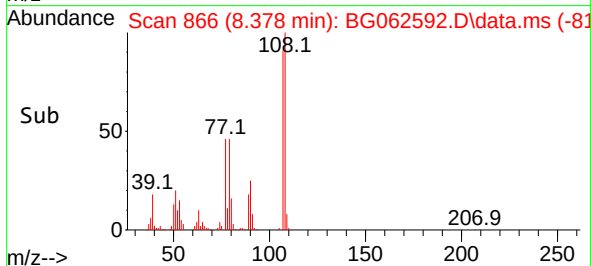


Tgt Ion:107 Resp: 20605
Ion Ratio Lower Upper
107 100
108 110.3 85.6 128.4
77 51.3 38.6 58.0
79 50.3 38.6 58.0

Manual Integrations

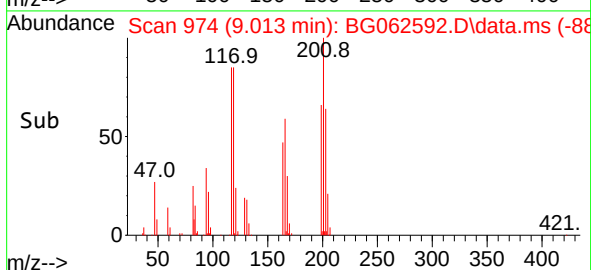
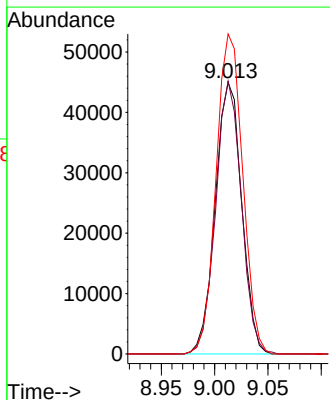
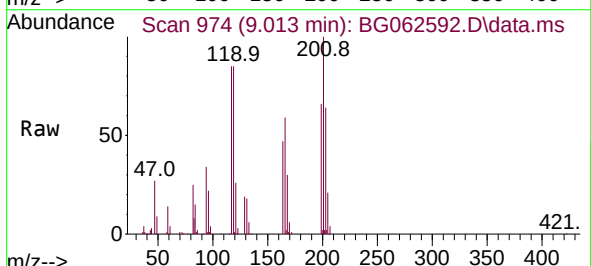
APPROVED

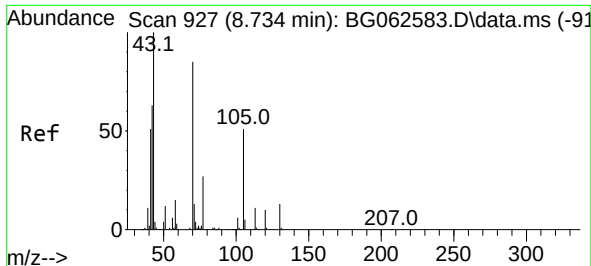
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#18
Hexachloroethane
Concen: 43.352 ng
RT: 9.013 min Scan# 974
Delta R.T. -0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

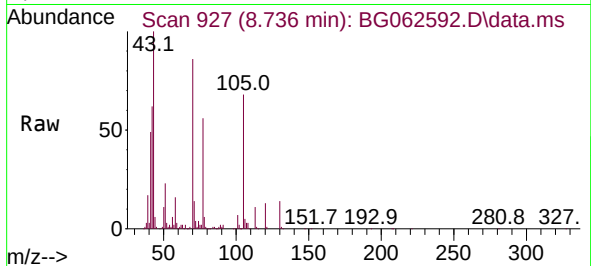
Tgt Ion:117 Resp: 77622
Ion Ratio Lower Upper
117 100
119 100.5 81.6 122.4
201 117.9 89.4 134.0





#19
n-Nitroso-di-n-propylamine
Concen: 50.108 ng
RT: 8.736 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

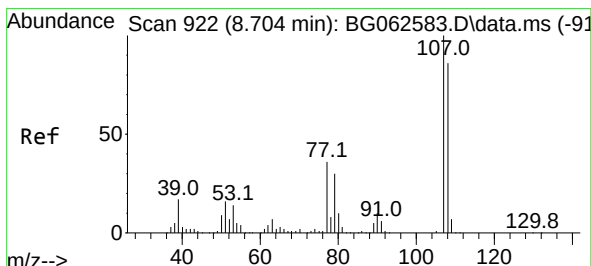
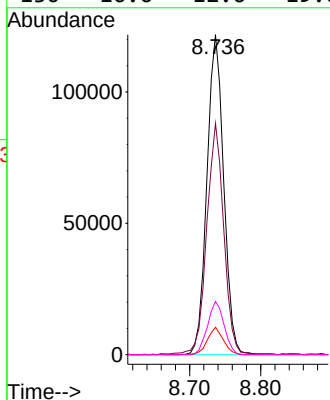
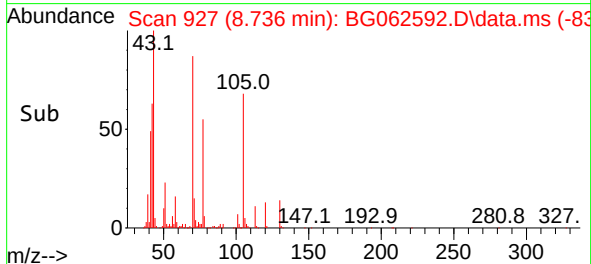
Instrument :
BNA_G
ClientSampleId :
PB163031BS



Tgt Ion: 70 Resp: 19954
Ion Ratio Lower Upper
70 100
42 72.3 60.0 90.0
101 8.5 6.1 9.1
130 16.6 12.6 19.0

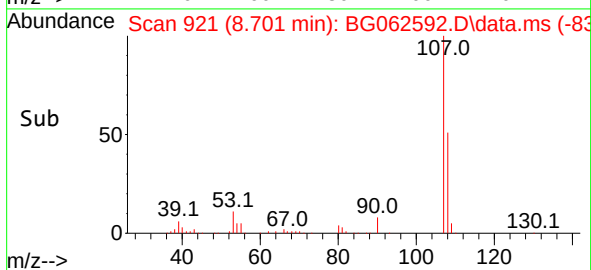
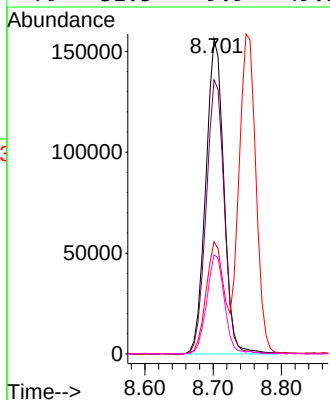
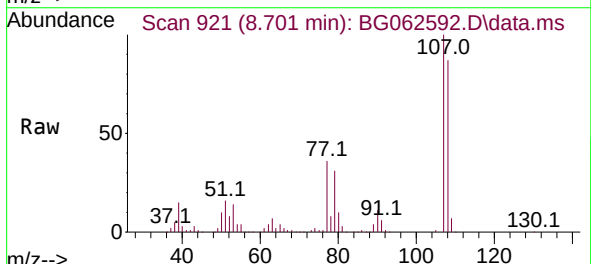
Manual Integrations
APPROVED

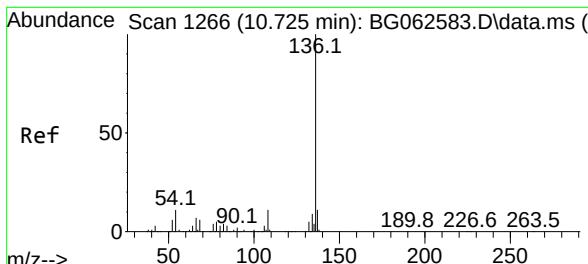
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#20
3+4-Methylphenols
Concen: 51.194 ng
RT: 8.701 min Scan# 921
Delta R.T. -0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Tgt Ion:107 Resp: 288573
Ion Ratio Lower Upper
107 100
108 86.9 66.0 106.0
77 35.6 16.1 56.1
79 31.5 9.9 49.9





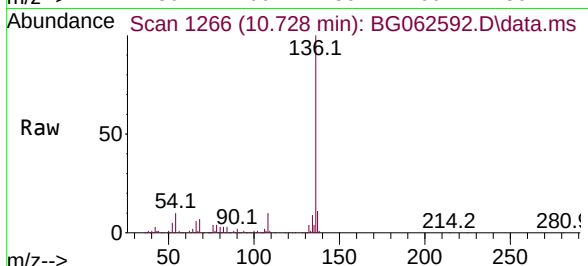
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1266
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Instrument :

BNA_G

ClientSampleId :

PB163031BS

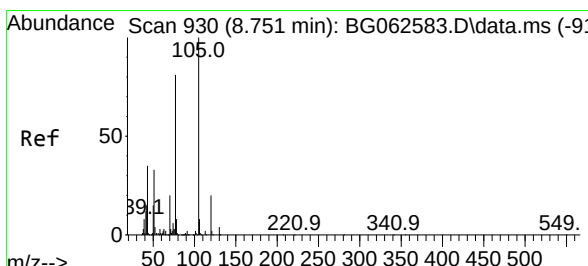
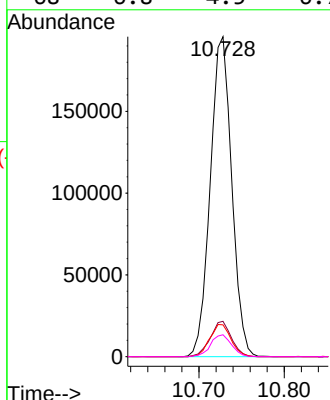
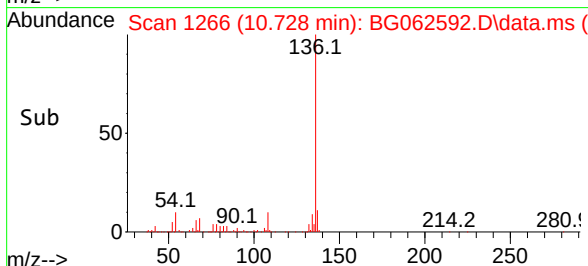


Tgt Ion:136 Resp: 34214
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.0 9.0 13.4
68 6.8 4.5 6.7#

Manual Integrations

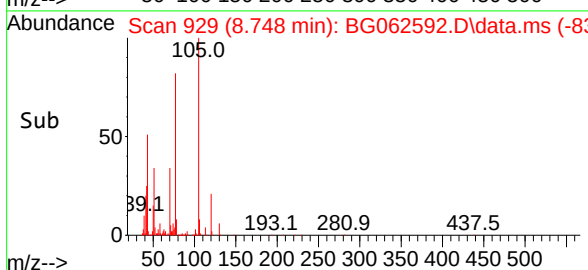
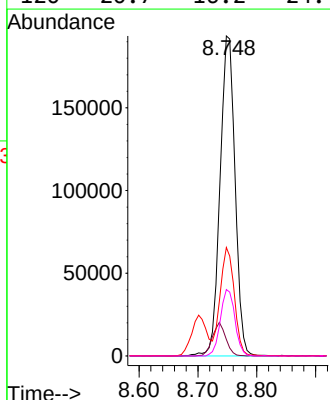
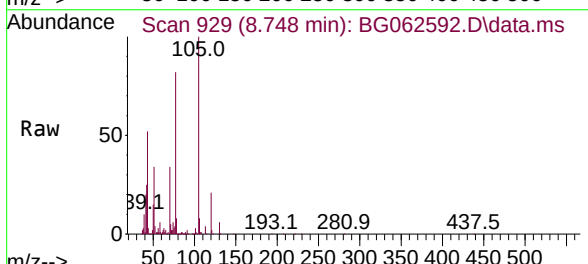
APPROVED

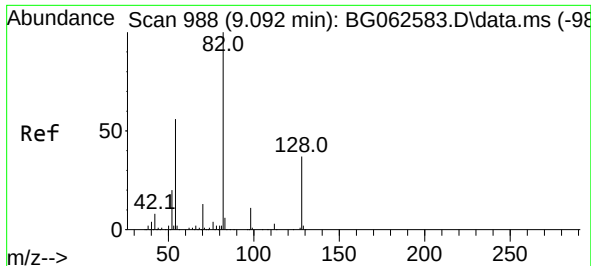
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#22
Acetophenone
Concen: 40.165 ng
RT: 8.748 min Scan# 929
Delta R.T. -0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Tgt Ion:105 Resp: 342924
Ion Ratio Lower Upper
105 100
71 5.2 2.5 3.7#
51 33.9 26.6 40.0
120 20.7 16.2 24.4





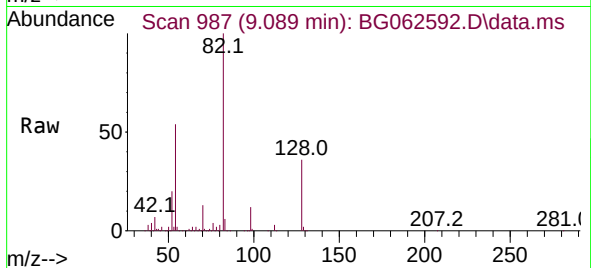
#23
Nitrobenzene-d5
Concen: 93.764 ng
RT: 9.089 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Instrument :

BNA_G

ClientSampleId :

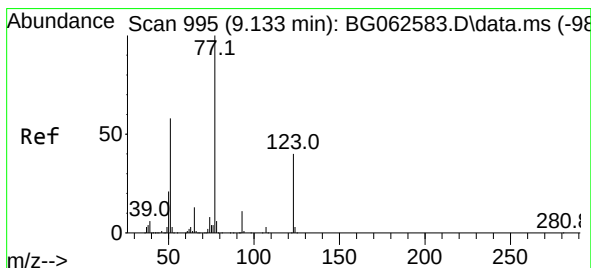
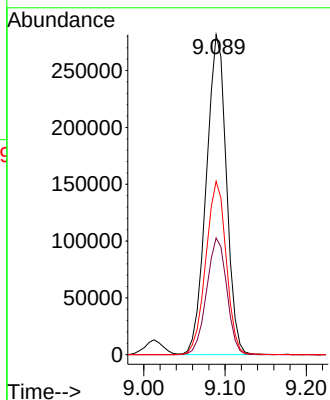
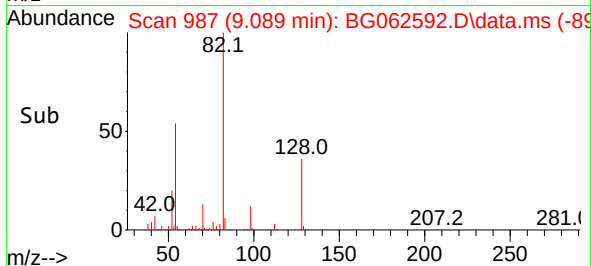
PB163031BS



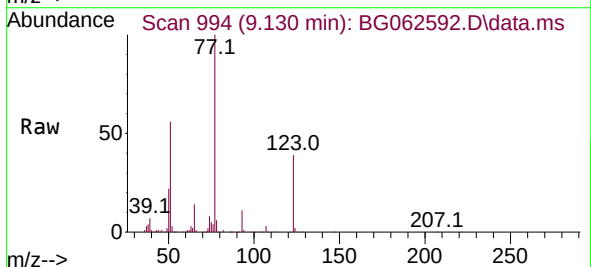
Tgt Ion: 82 Resp: 48338
Ion Ratio Lower Upper
82 100
128 36.5 29.7 44.5
54 54.2 44.4 66.6

Manual Integrations
APPROVED

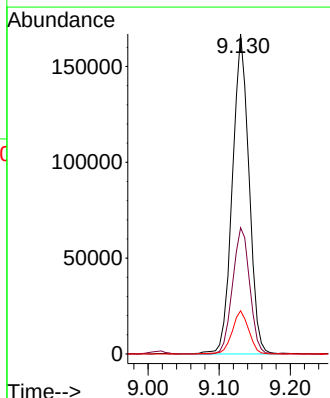
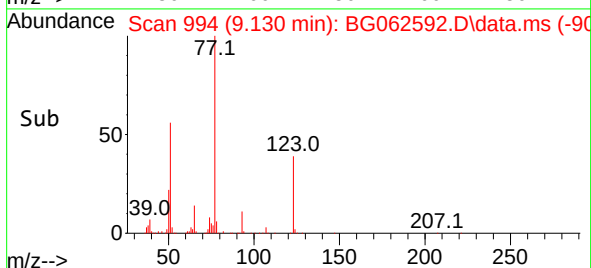
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

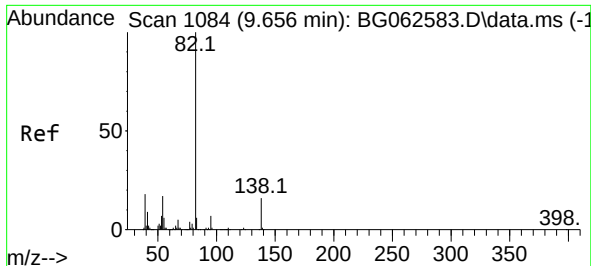


#24
Nitrobenzene
Concen: 48.505 ng
RT: 9.130 min Scan# 994
Delta R.T. -0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22



Tgt Ion: 77 Resp: 270795
Ion Ratio Lower Upper
77 100
123 39.5 32.0 48.0
65 13.5 10.6 15.8





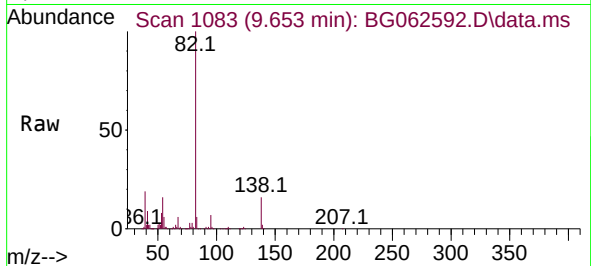
#25
Isophorone
Concen: 45.437 ng
RT: 9.653 min Scan# 1084
Delta R.T. -0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Instrument :

BNA_G

ClientSampleId :

PB163031BS

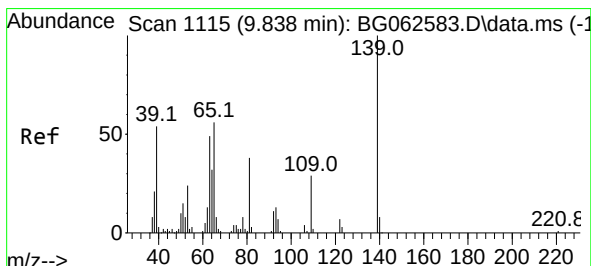
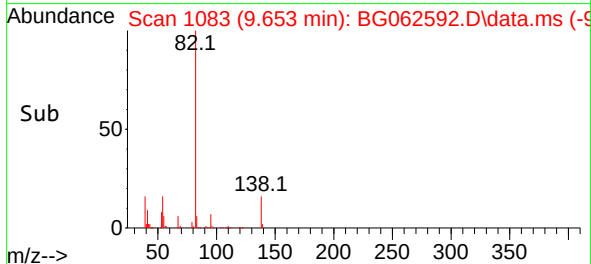
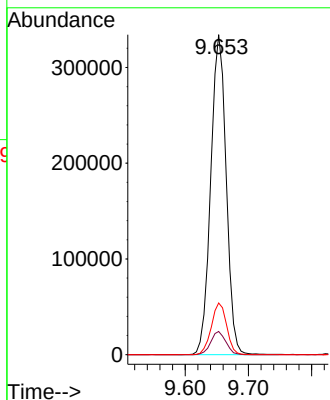


Tgt Ion: 82 Resp: 568198
Ion Ratio Lower Upper
82 100
95 7.3 5.2 7.8
138 16.2 13.0 19.4

Manual Integrations

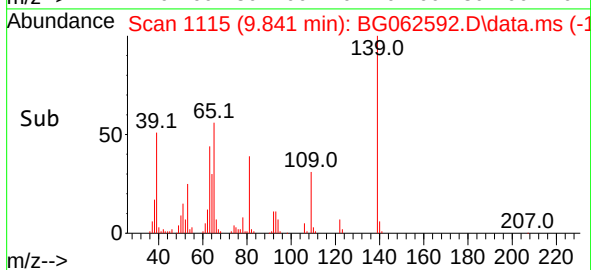
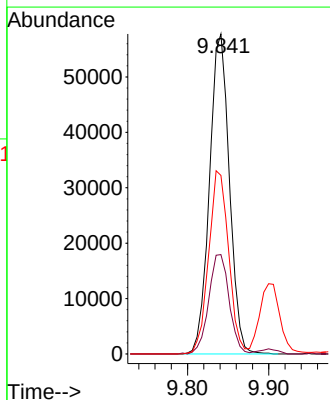
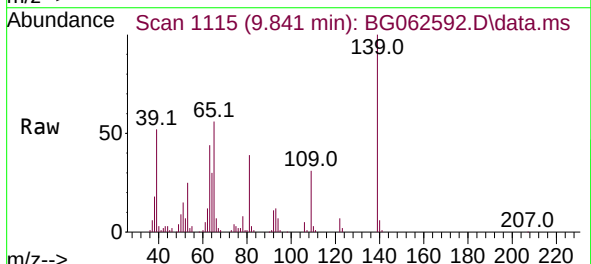
APPROVED

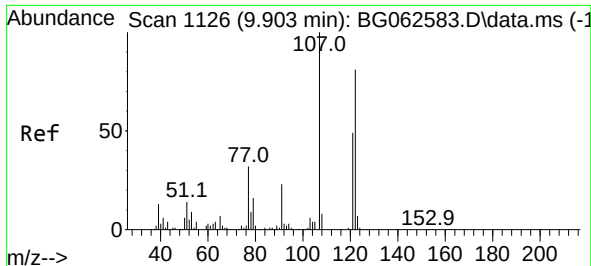
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#26
2-Nitrophenol
Concen: 51.474 ng
RT: 9.841 min Scan# 1115
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Tgt Ion:139 Resp: 98235
Ion Ratio Lower Upper
139 100
109 31.1 23.1 34.7
65 55.8 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 57.531 ng
RT: 9.900 min Scan# 1126
Delta R.T. -0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Instrument :

BNA_G

ClientSampleId :

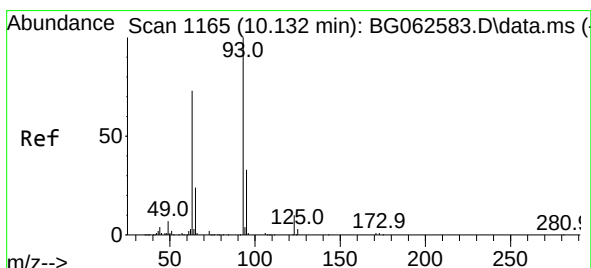
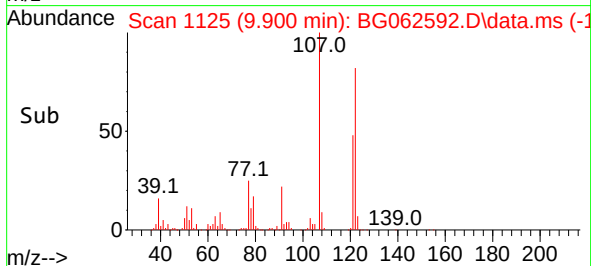
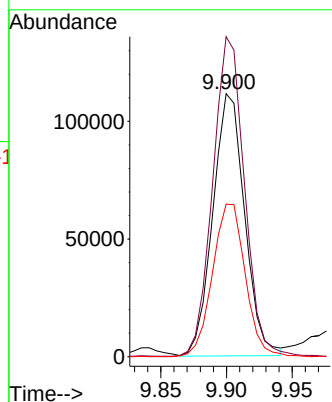
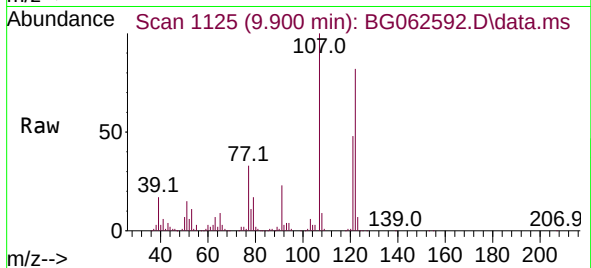
PB163031BS

Tgt Ion:122 Resp: 188015
Ion Ratio Lower Upper
122 100
107 121.7 98.0 147.0
121 58.0 48.2 72.4

Manual Integrations

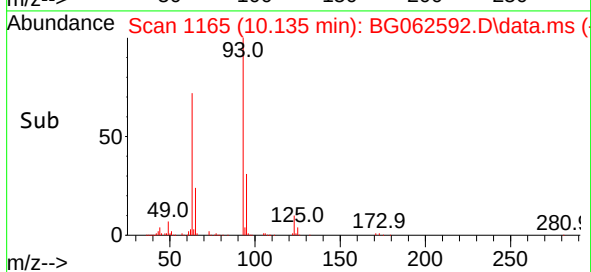
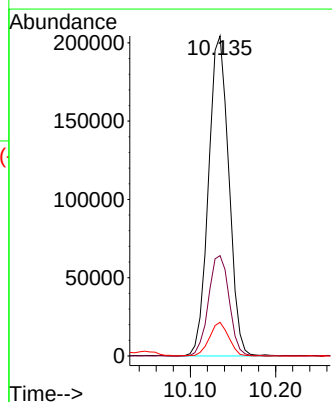
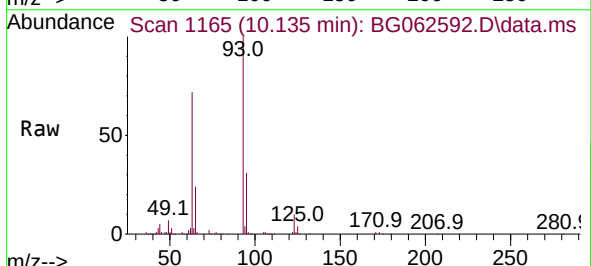
APPROVED

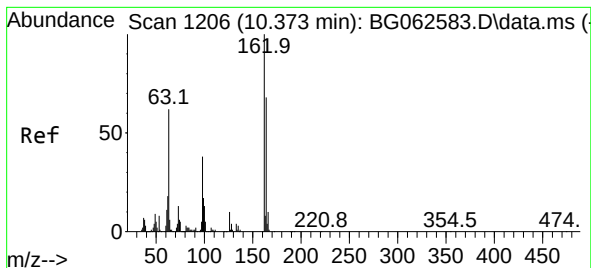
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#28
bis(2-Chloroethoxy)methane
Concen: 46.605 ng
RT: 10.135 min Scan# 1165
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Tgt Ion: 93 Resp: 337815
Ion Ratio Lower Upper
93 100
95 31.3 26.6 39.8
123 10.5 8.2 12.2





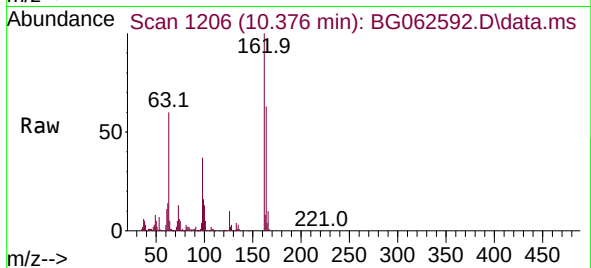
#29
2,4-Dichlorophenol
Concen: 52.791 ng
RT: 10.376 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Instrument :

BNA_G

ClientSampleId :

PB163031BS

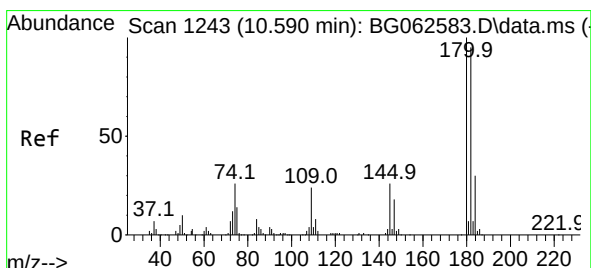
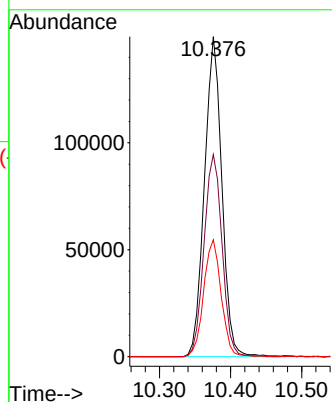
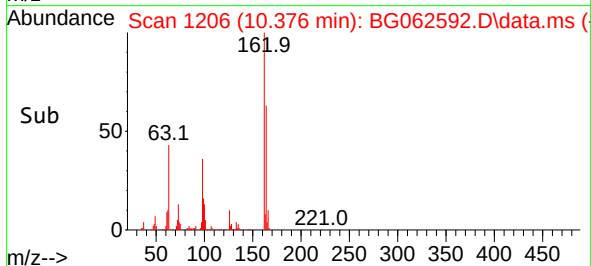


Tgt Ion:162 Resp: 255420
Ion Ratio Lower Upper
162 100
164 63.2 47.5 87.5
98 36.6 17.6 57.6

Manual Integrations

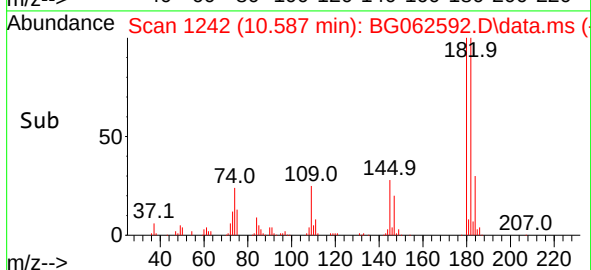
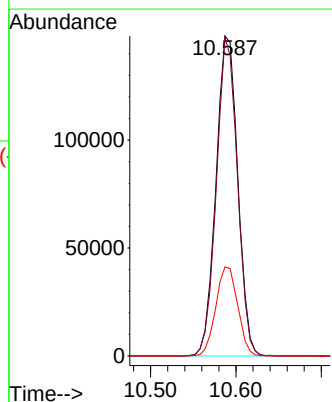
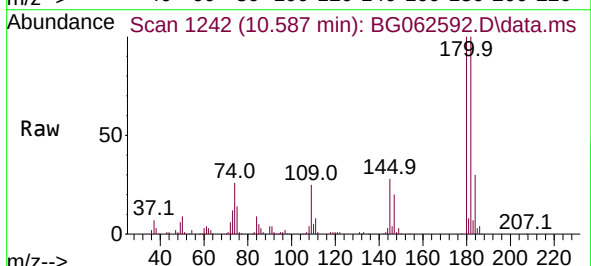
APPROVED

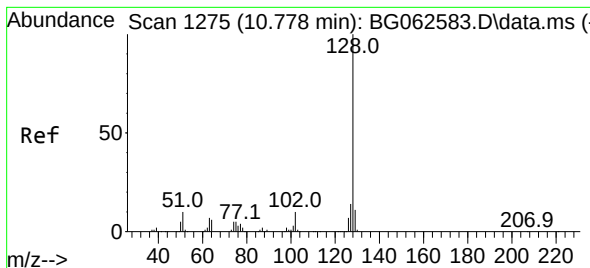
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#30
1,2,4-Trichlorobenzene
Concen: 44.482 ng
RT: 10.587 min Scan# 1242
Delta R.T. -0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Tgt Ion:180 Resp: 262913
Ion Ratio Lower Upper
180 100
182 99.6 75.6 113.4
145 27.8 21.1 31.7





#31
Naphthalene
Concen: 42.284 ng
RT: 10.775 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Instrument :

BNA_G

ClientSampleId :

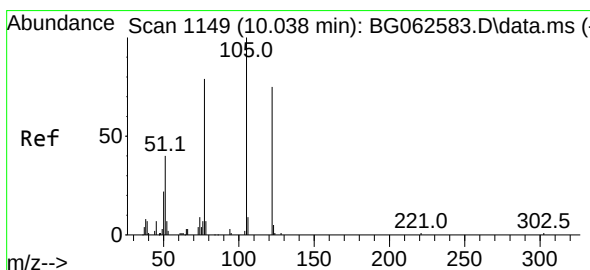
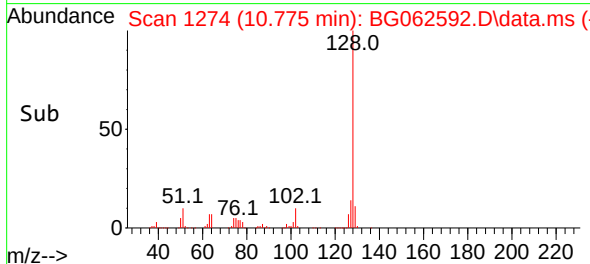
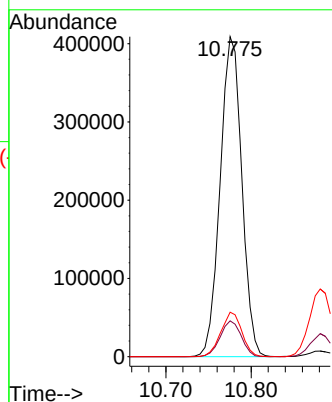
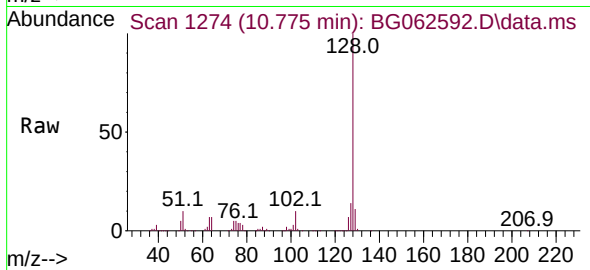
PB163031BS

Tgt Ion:128 Resp: 72211
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 13.9 11.0 16.6

Manual Integrations

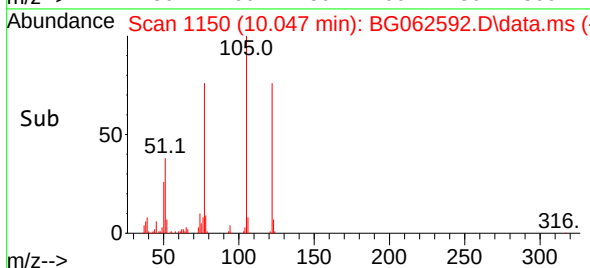
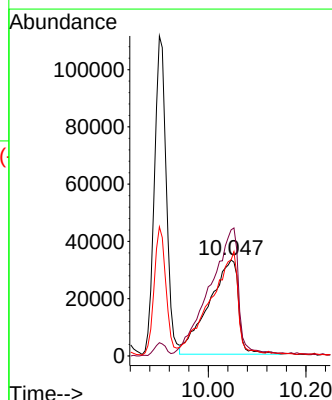
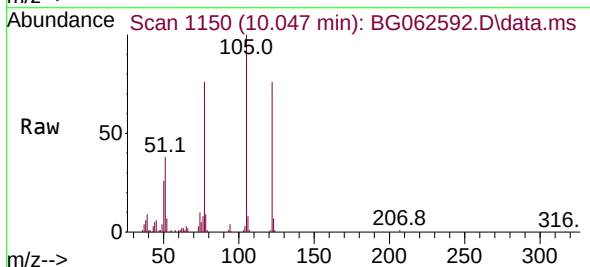
APPROVED

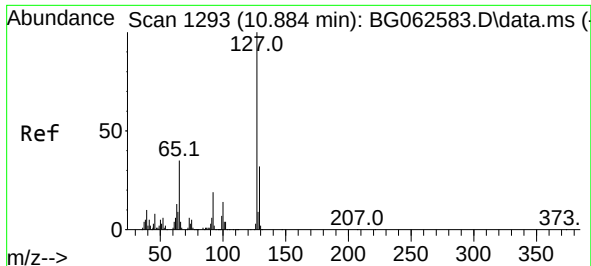
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#32
Benzoic acid
Concen: 51.547 ng m
RT: 10.047 min Scan# 1150
Delta R.T. 0.009 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Tgt Ion:122 Resp: 139354
Ion Ratio Lower Upper
122 100
105 131.3 104.4 144.4
77 100.0 81.4 121.4





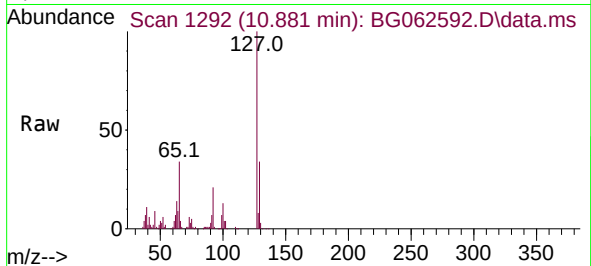
#33
4-Chloroaniline
Concen: 26.407 ng
RT: 10.881 min Scan# 1292
Delta R.T. -0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Instrument :

BNA_G

ClientSampleId :

PB163031BS

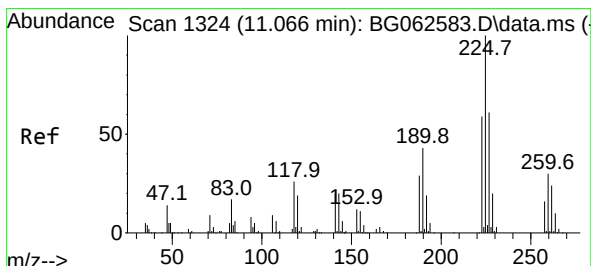
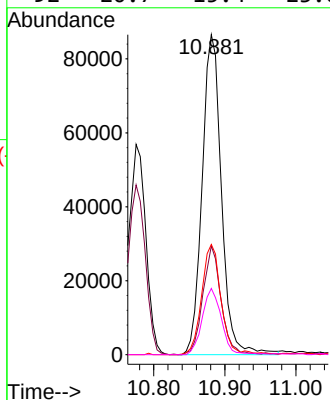
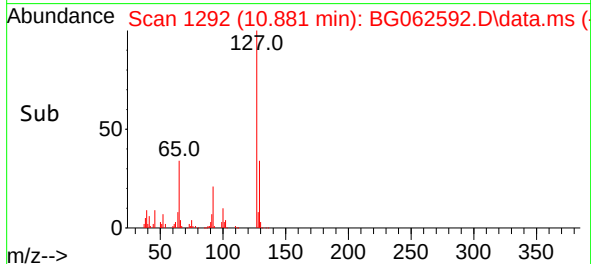


Tgt Ion:127 Resp: 163824
Ion Ratio Lower Upper
127 100
129 34.0 25.8 38.6
65 34.4 27.7 41.5
92 20.7 15.4 23.0

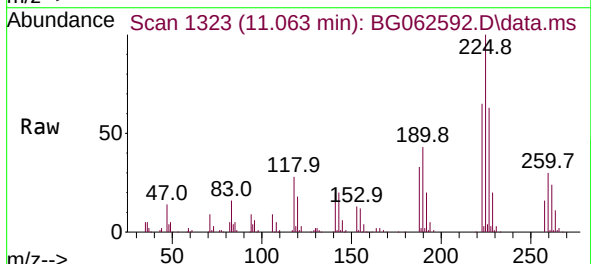
Manual Integrations

APPROVED

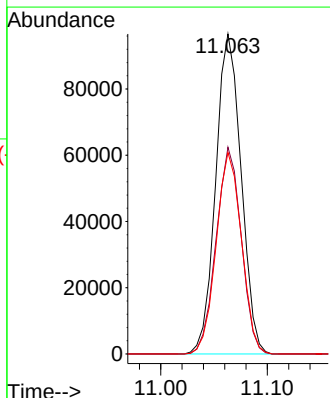
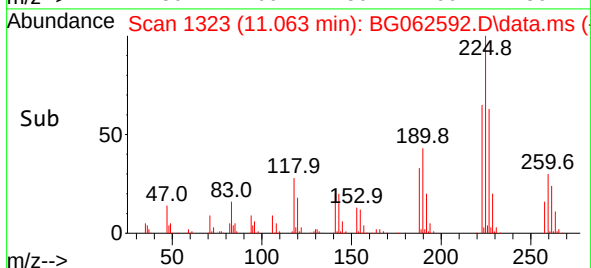
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

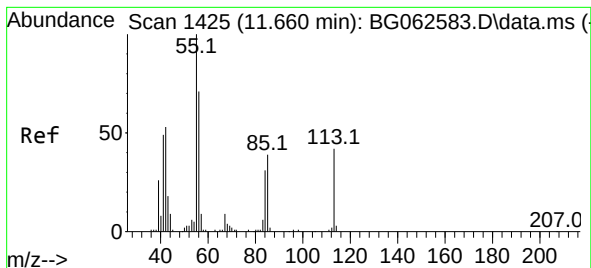


#34
Hexachlorobutadiene
Concen: 41.440 ng
RT: 11.063 min Scan# 1323
Delta R.T. -0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22



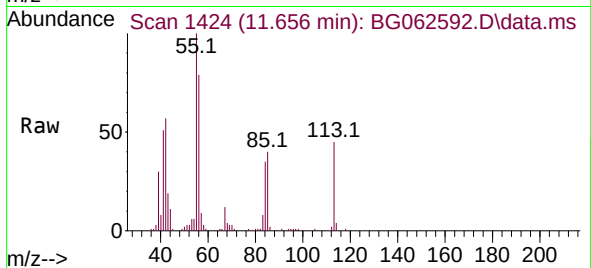
Tgt Ion:225 Resp: 159791
Ion Ratio Lower Upper
225 100
223 64.6 47.4 71.0
227 65.9 48.6 72.8





#35
Caprolactam
Concen: 53.275 ng m
RT: 11.656 min Scan# 1425
Delta R.T. -0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

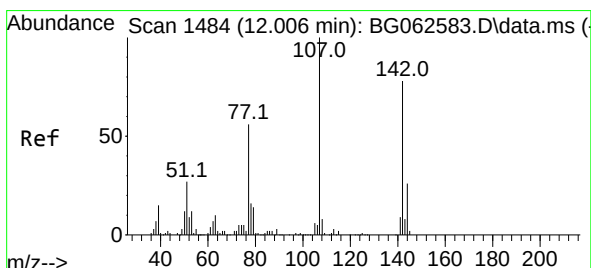
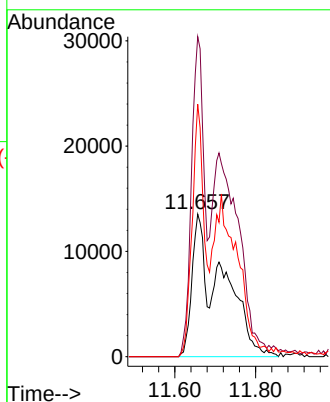
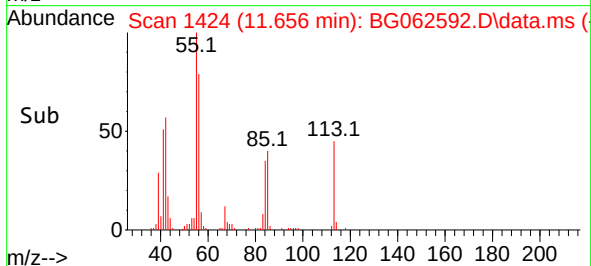
Instrument :
BNA_G
ClientSampleId :
PB163031BS



Tgt Ion:113 Resp: 69458
Ion Ratio Lower Upper
113 100
55 224.5 220.5 260.5
56 177.2 151.4 191.4

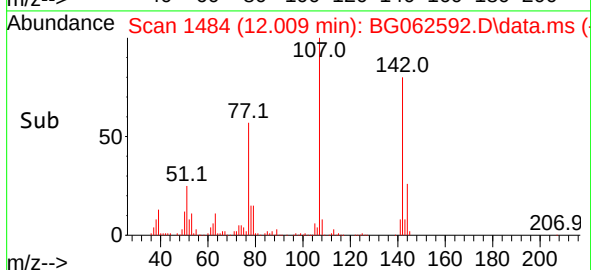
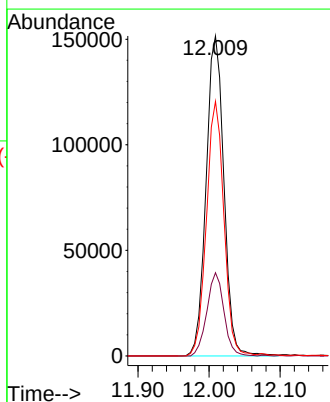
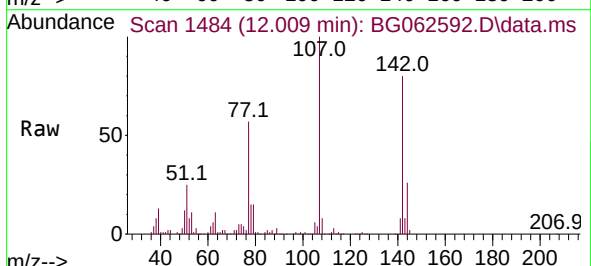
Manual Integrations
APPROVED

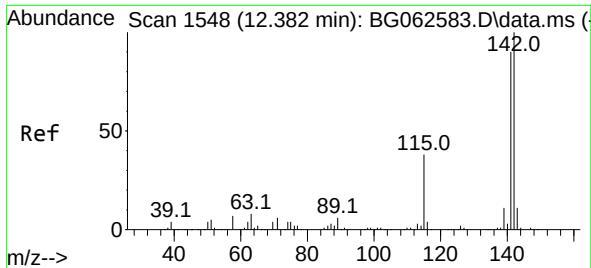
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#36
4-Chloro-3-methylphenol
Concen: 50.337 ng
RT: 12.009 min Scan# 1484
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Tgt Ion:107 Resp: 263890
Ion Ratio Lower Upper
107 100
144 26.0 20.8 31.2
142 79.6 62.5 93.7





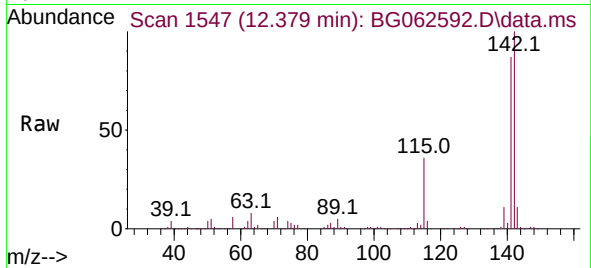
#37
2-Methylnaphthalene
Concen: 45.129 ng
RT: 12.379 min Scan# 1547
Delta R.T. -0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Instrument :

BNA_G

ClientSampleId :

PB163031BS

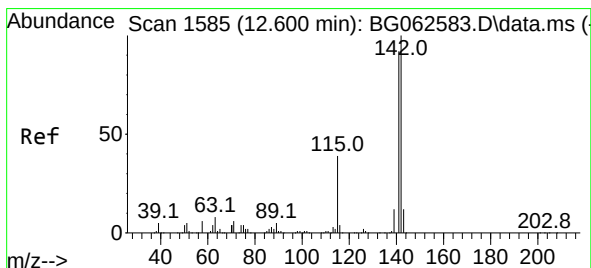
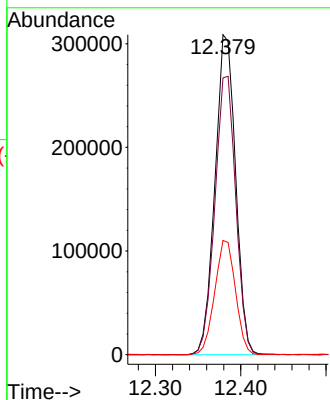
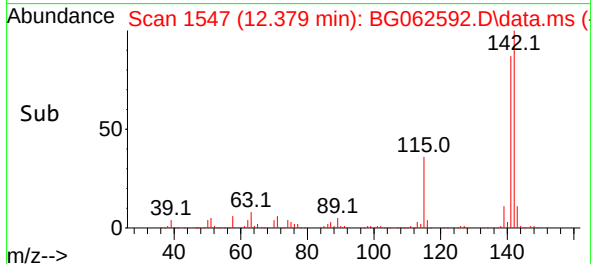


Tgt Ion:142 Resp: 51927
Ion Ratio Lower Upper
142 100
141 86.5 71.8 107.6
115 35.7 30.6 46.0

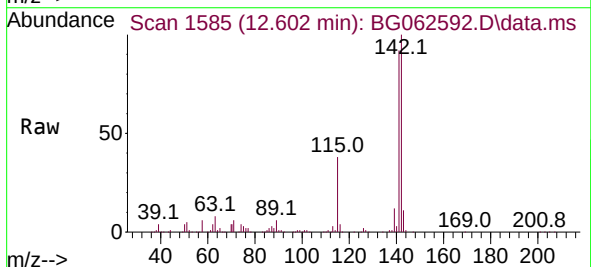
Manual Integrations

APPROVED

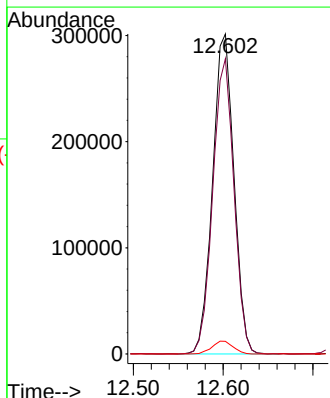
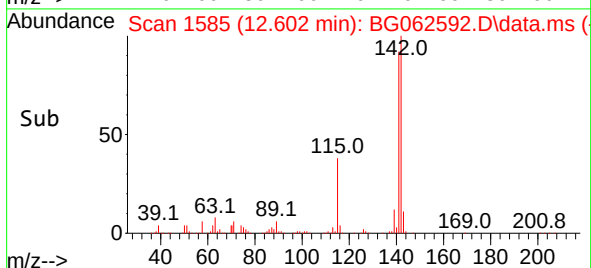
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

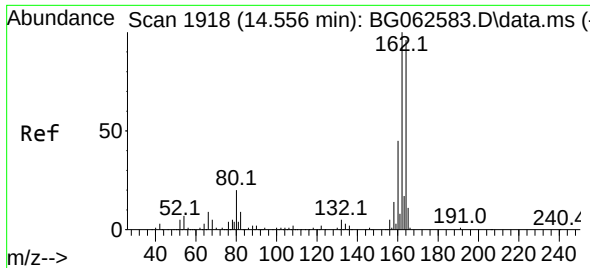


#38
1-Methylnaphthalene
Concen: 43.185 ng
RT: 12.602 min Scan# 1585
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22



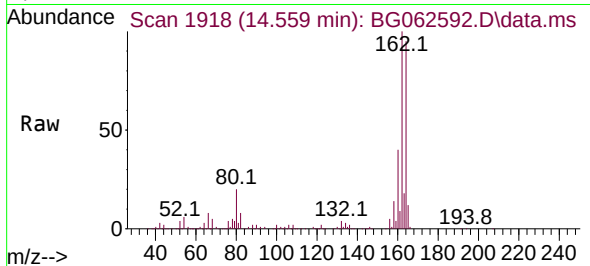
Tgt Ion:142 Resp: 497202
Ion Ratio Lower Upper
142 100
141 92.3 73.6 110.4
116 4.0 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.559 min Scan# 1918
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

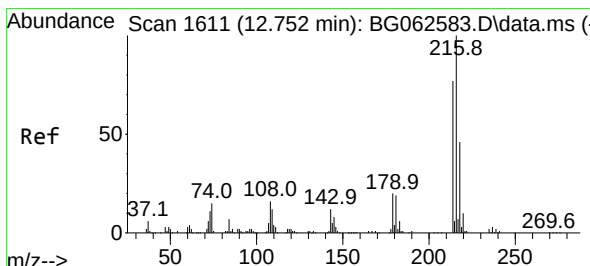
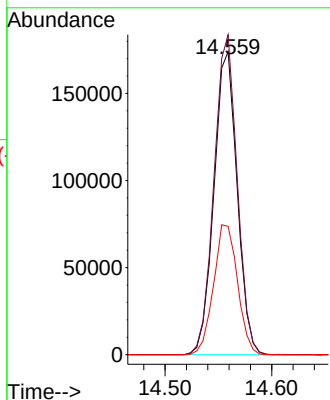
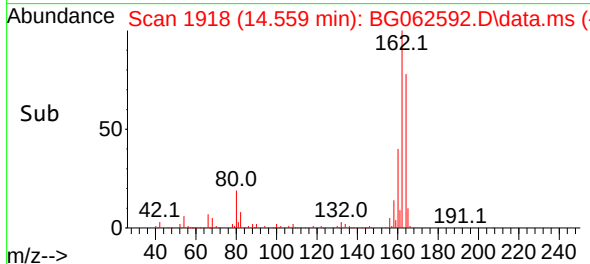
Instrument :
BNA_G
ClientSampleId :
PB163031BS



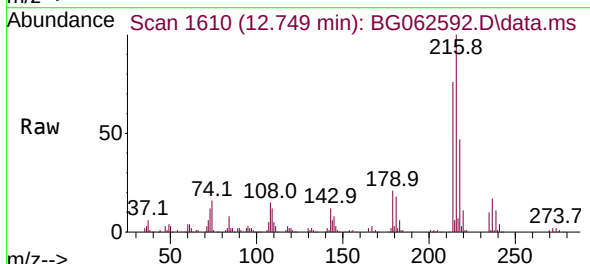
Tgt Ion:164 Resp: 261734
Ion Ratio Lower Upper
164 100
162 105.6 83.0 124.6
160 42.3 37.7 56.5

Manual Integrations
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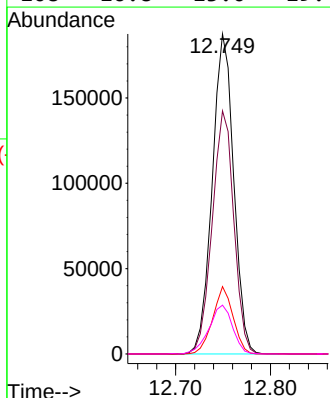
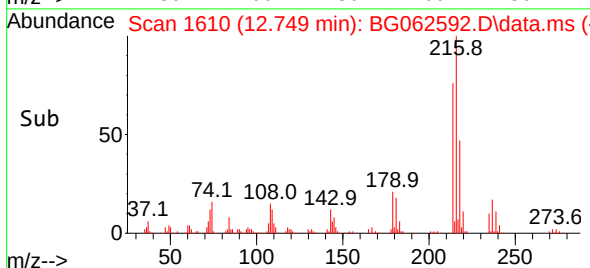
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

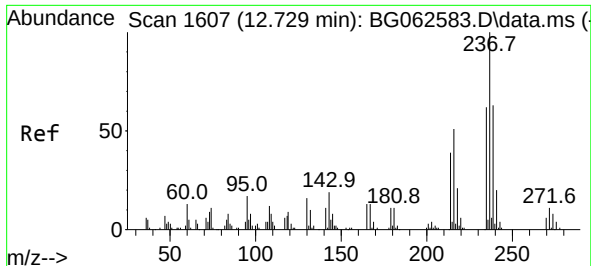


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.512 ng
RT: 12.749 min Scan# 1610
Delta R.T. -0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22



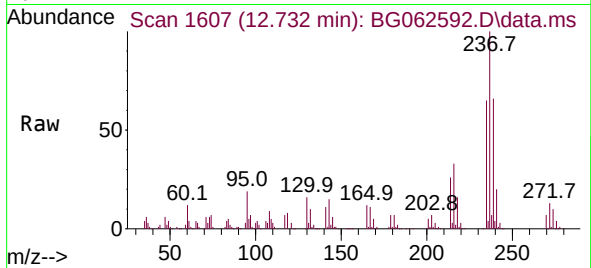
Tgt Ion:216 Resp: 294549
Ion Ratio Lower Upper
216 100
214 76.5 60.9 91.3
179 20.0 16.0 24.0
108 16.8 13.0 19.4





#41
Hexachlorocyclopentadiene
Concen: 108.444 ng
RT: 12.732 min Scan# 1607
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

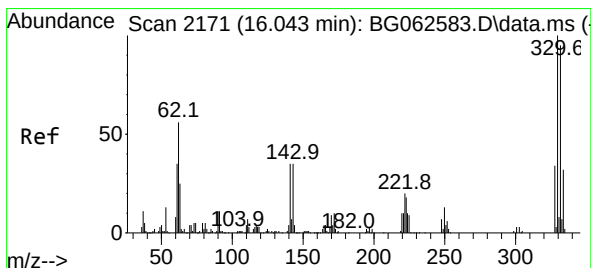
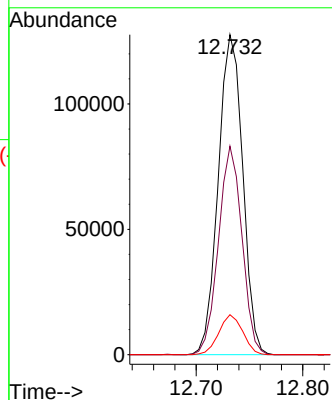
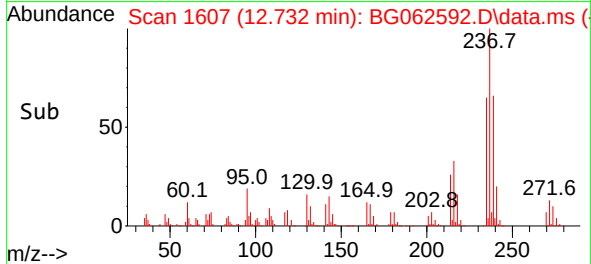
Instrument :
BNA_G
ClientSampleId :
PB163031BS



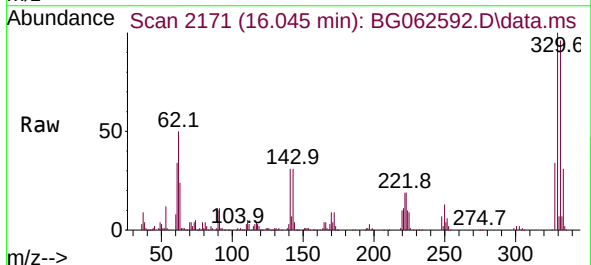
Tgt Ion:237 Resp: 203254
Ion Ratio Lower Upper
237 100
235 65.2 41.8 81.8
272 12.5 0.0 31.4

Manual Integrations
APPROVED

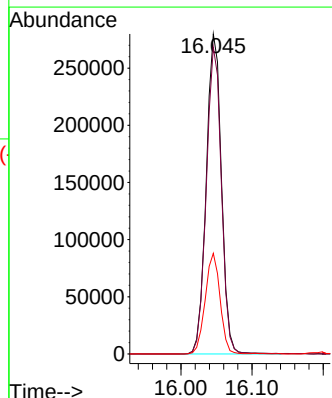
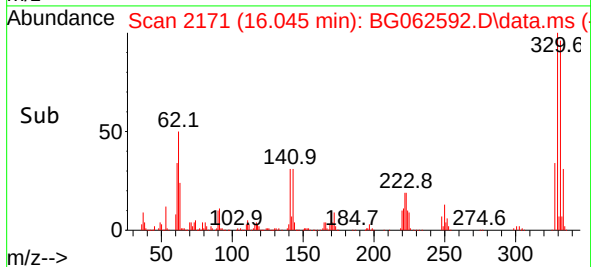
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

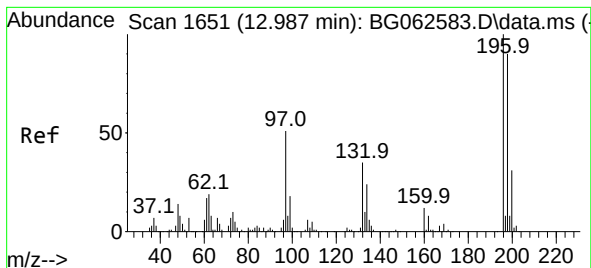


#42
2,4,6-Tribromophenol
Concen: 143.694 ng
RT: 16.045 min Scan# 2171
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22



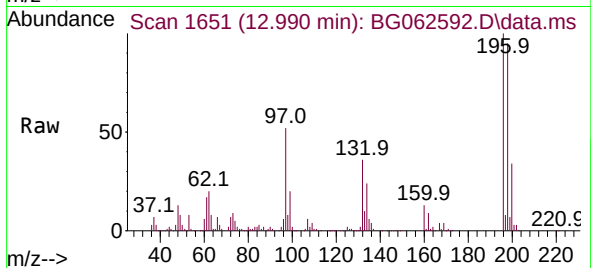
Tgt Ion:330 Resp: 415451
Ion Ratio Lower Upper
330 100
332 95.4 77.6 116.4
141 30.8 26.5 39.7





#43
2,4,6-Trichlorophenol
Concen: 49.286 ng
RT: 12.990 min Scan# 1651
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

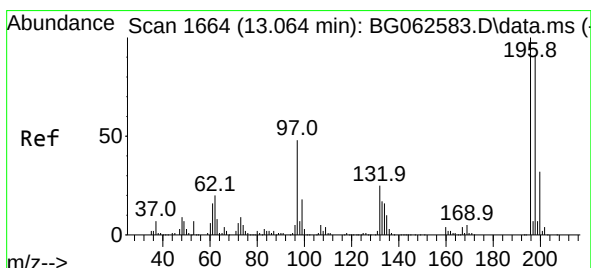
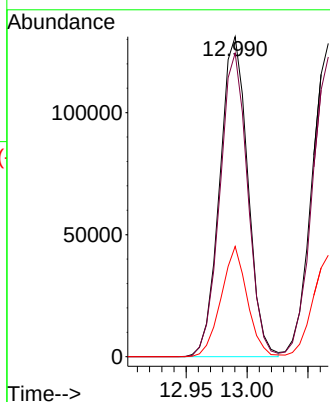
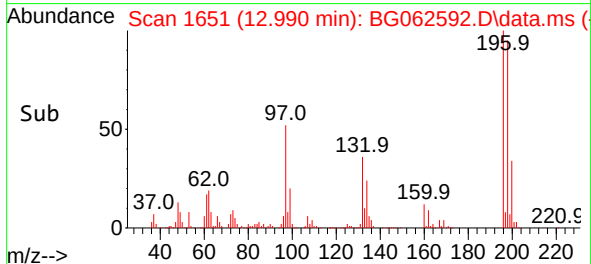
Instrument :
BNA_G
ClientSampleId :
PB163031BS



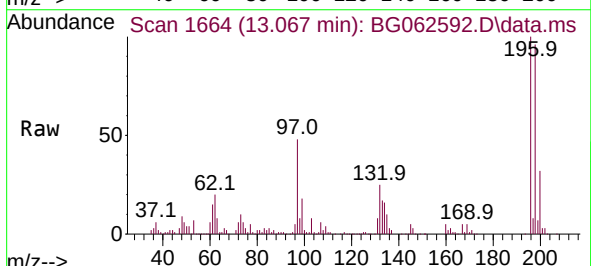
Tgt Ion:196 Resp: 210286
Ion Ratio Lower Upper
196 100
198 94.9 71.8 107.8
200 34.5 24.6 37.0

Manual Integrations
APPROVED

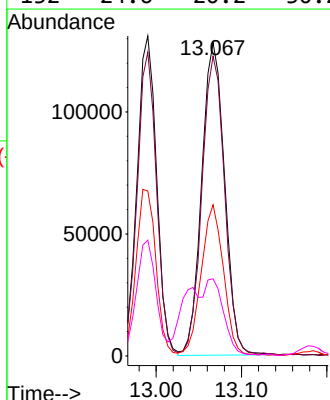
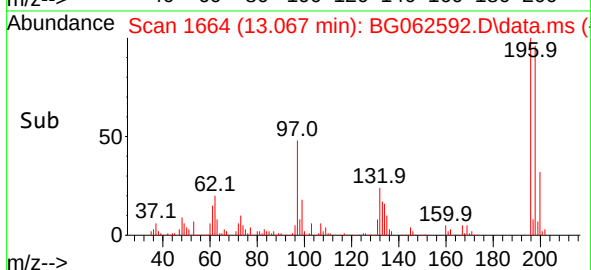
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

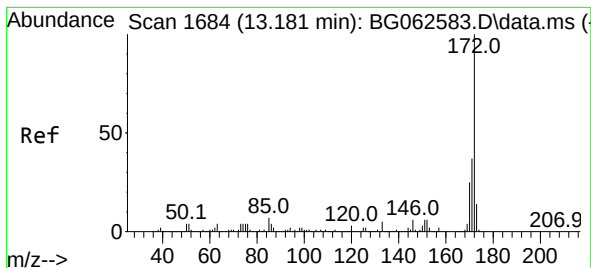


#44
2,4,5-Trichlorophenol
Concen: 47.598 ng
RT: 13.067 min Scan# 1664
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22



Tgt Ion:196 Resp: 239336
Ion Ratio Lower Upper
196 100
198 95.7 72.6 108.8
97 48.3 38.7 58.1
132 24.6 20.2 30.2





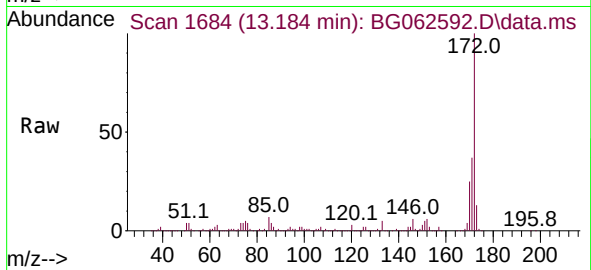
#45
2-Fluorobiphenyl
Concen: 79.803 ng
RT: 13.184 min Scan# 1718
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Instrument :

BNA_G

ClientSampleId :

PB163031BS

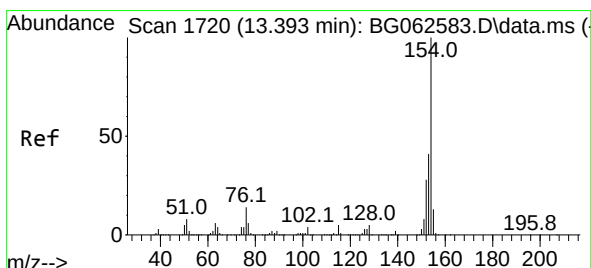
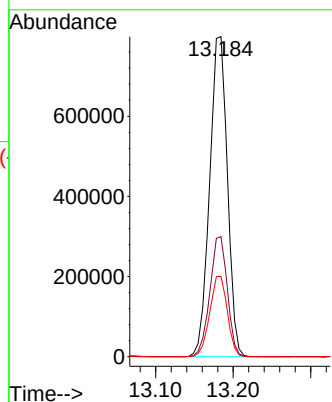
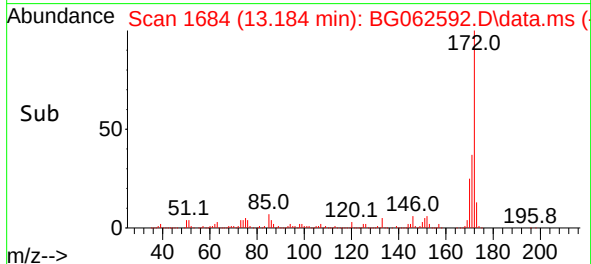


Tgt Ion:172 Resp: 1270278
Ion Ratio Lower Upper
172 100
171 37.5 29.7 44.5
170 25.1 20.1 30.1

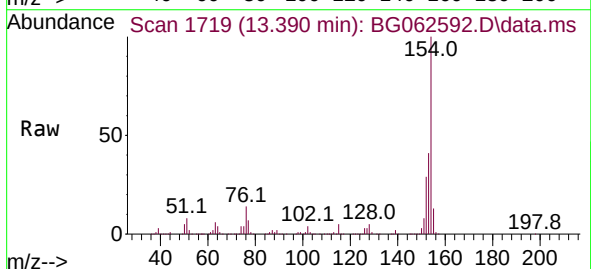
Manual Integrations

APPROVED

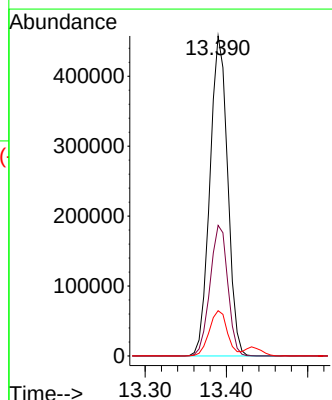
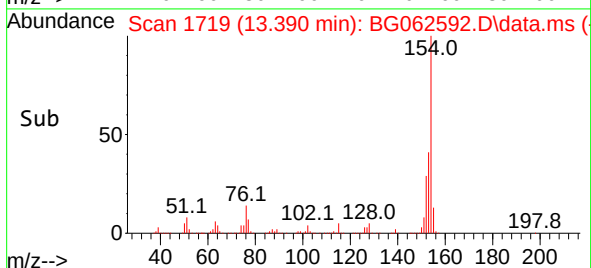
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

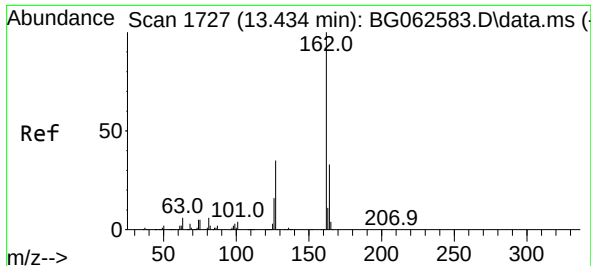


#46
1,1'-Biphenyl
Concen: 39.589 ng
RT: 13.390 min Scan# 1719
Delta R.T. -0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22



Tgt Ion:154 Resp: 693290
Ion Ratio Lower Upper
154 100
153 40.8 21.1 61.1
76 14.2 0.0 33.5





#47
2-Chloronaphthalene
Concen: 42.778 ng
RT: 13.431 min Scan# 1727
Delta R.T. -0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Instrument :

BNA_G

ClientSampleId :

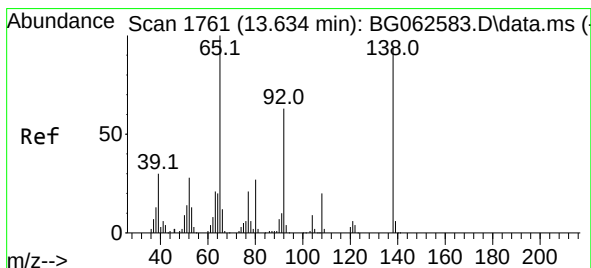
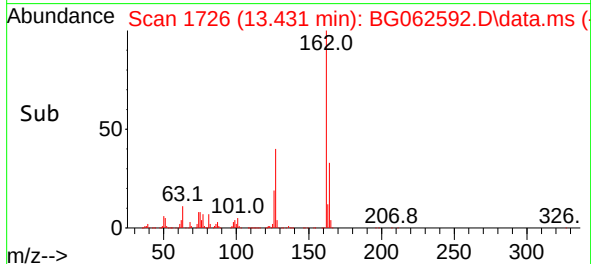
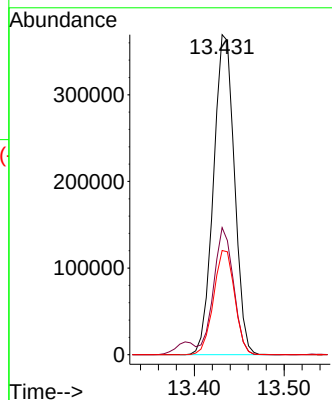
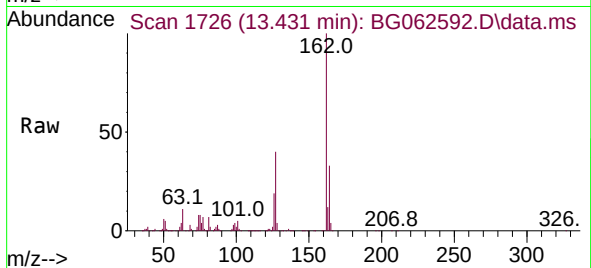
PB163031BS

Tgt Ion:162 Resp: 597924
Ion Ratio Lower Upper
162 100
127 39.7 30.0 45.0
164 32.5 26.6 40.0

Manual Integrations

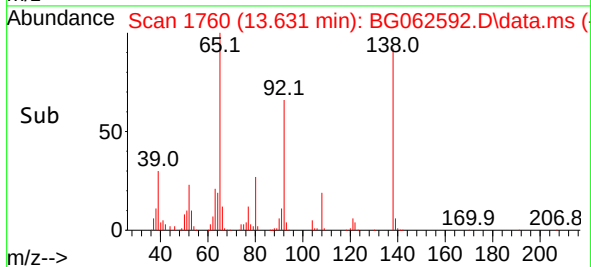
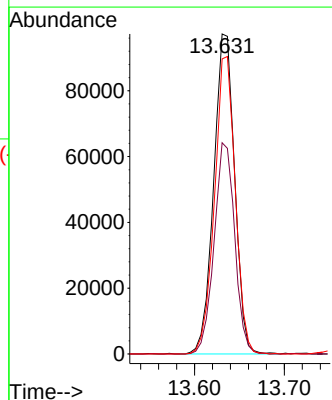
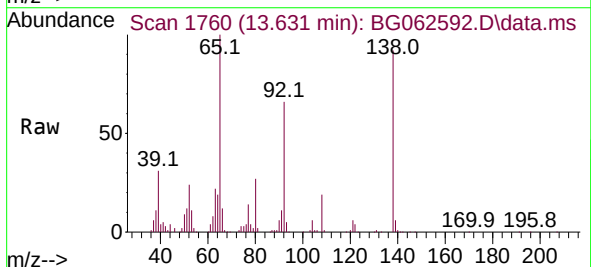
APPROVED

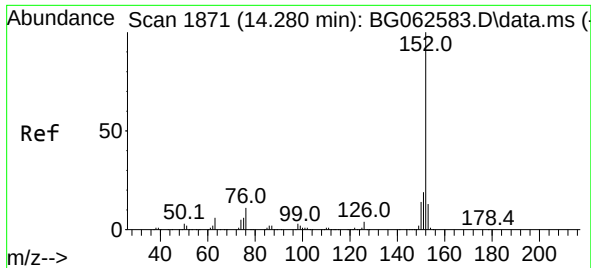
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#48
2-Nitroaniline
Concen: 52.882 ng
RT: 13.631 min Scan# 1760
Delta R.T. -0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Tgt Ion: 65 Resp: 157758
Ion Ratio Lower Upper
65 100
92 66.0 50.6 76.0
138 92.2 75.4 113.2





#49
Acenaphthylene
Concen: 47.211 ng
RT: 14.277 min Scan# 1871
Delta R.T. -0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Instrument :

BNA_G

ClientSampleId :

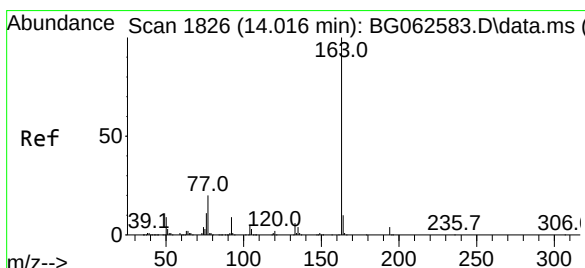
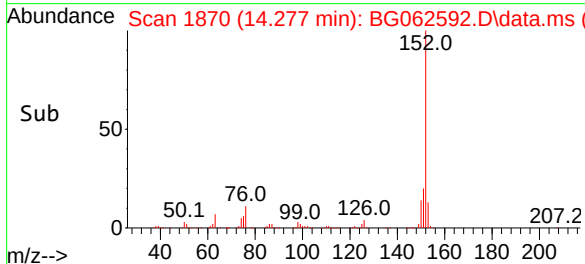
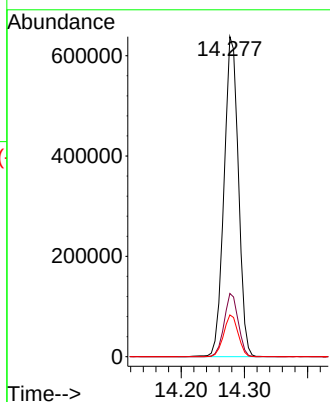
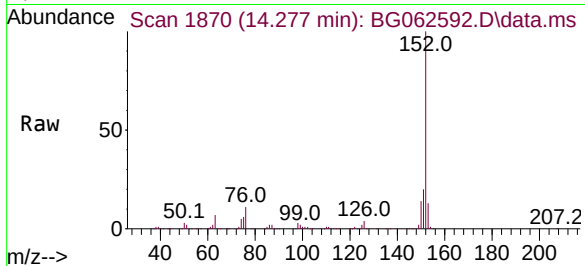
PB163031BS

Tgt Ion:152 Resp: 100596
Ion Ratio Lower Upper
152 100
151 19.7 15.0 22.4
153 13.0 10.3 15.5

Manual Integrations

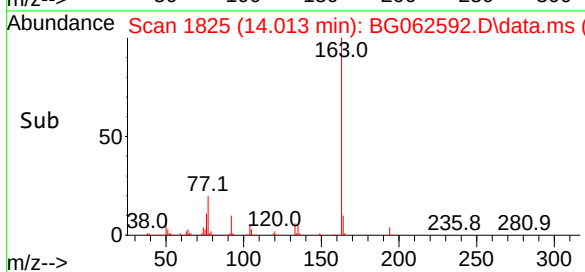
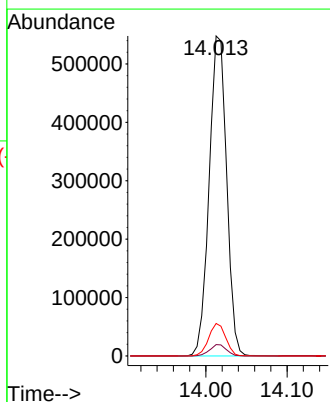
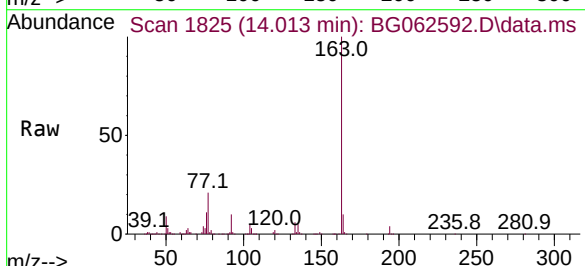
APPROVED

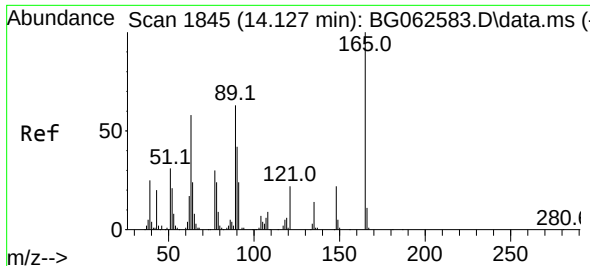
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#50
Dimethylphthalate
Concen: 48.075 ng
RT: 14.013 min Scan# 1825
Delta R.T. -0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Tgt Ion:163 Resp: 817655
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.2 8.0 12.0





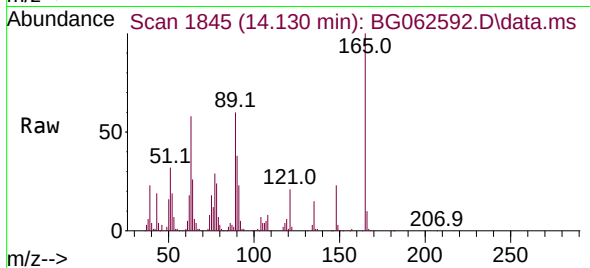
#51
2,6-Dinitrotoluene
Concen: 44.290 ng
RT: 14.130 min Scan# 1845
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Instrument :

BNA_G

ClientSampleId :

PB163031BS

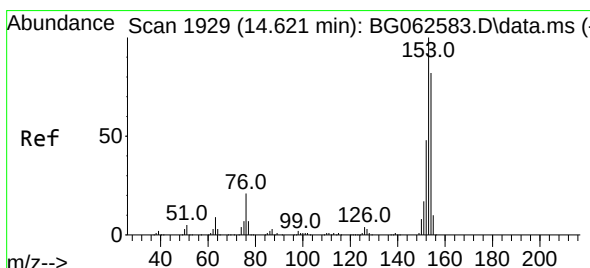
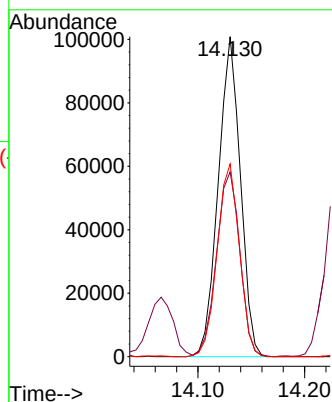
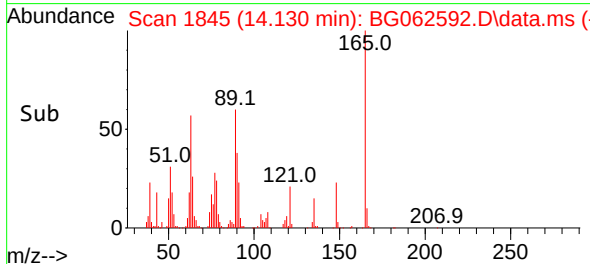


Tgt Ion:165 Resp: 145162
Ion Ratio Lower Upper
165 100
63 57.7 51.0 76.6
89 60.3 50.6 76.0

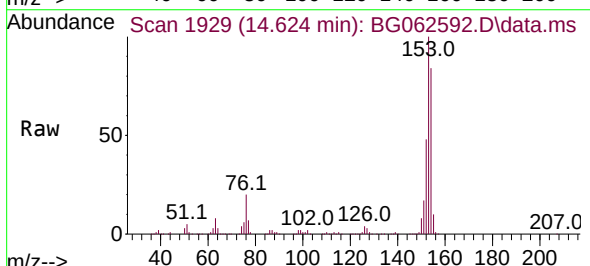
Manual Integrations

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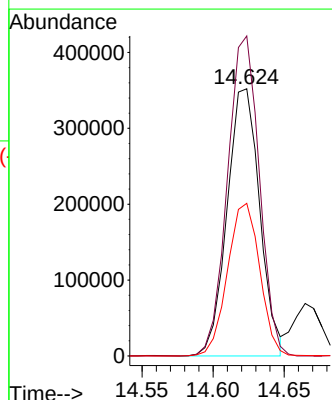
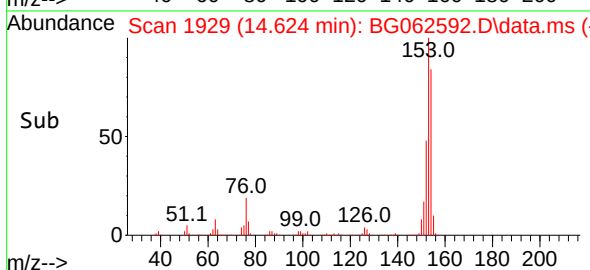
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

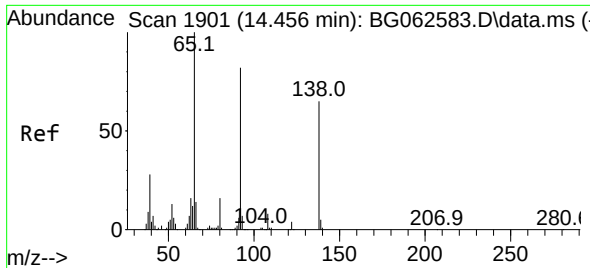


#52
Acenaphthene
Concen: 42.797 ng
RT: 14.624 min Scan# 1929
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22



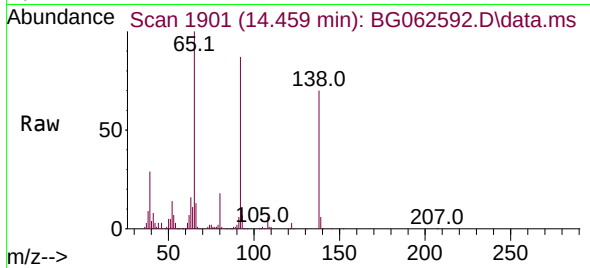
Tgt Ion:154 Resp: 562618
Ion Ratio Lower Upper
154 100
153 119.8 97.8 146.8
152 57.1 46.8 70.2





#53
3-Nitroaniline
Concen: 39.156 ng
RT: 14.459 min Scan# 1901
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

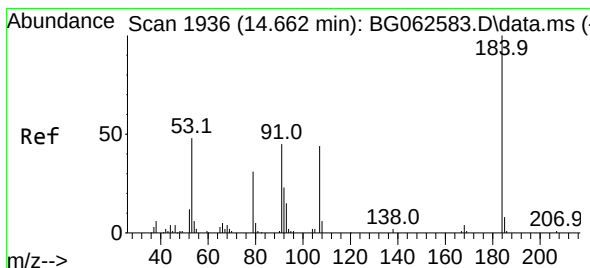
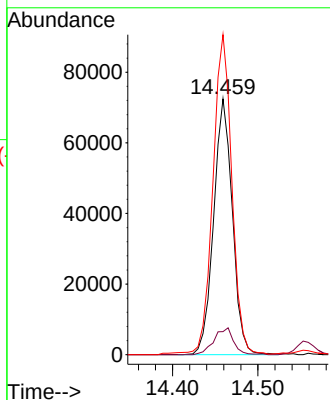
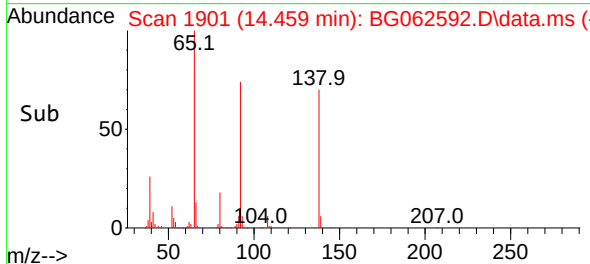
Instrument :
BNA_G
ClientSampleId :
PB163031BS



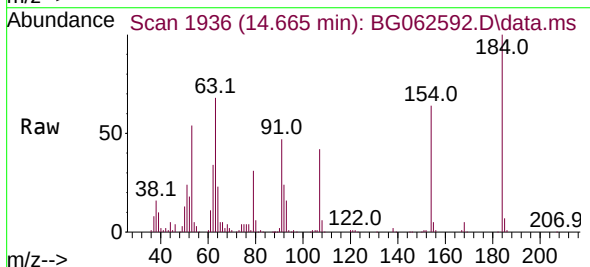
Tgt Ion:138 Resp: 11057
Ion Ratio Lower Upper
138 100
108 9.0 9.4 14.2
92 125.1 101.2 151.8

Manual Integrations
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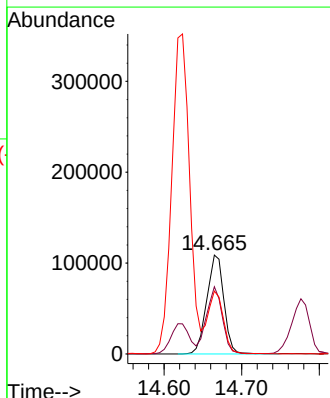
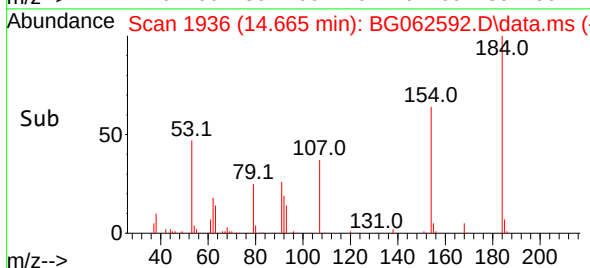
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

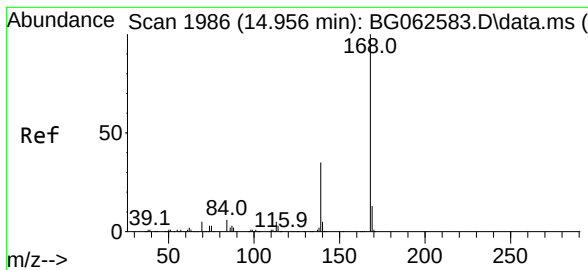


#54
2,4-Dinitrophenol
Concen: 107.713 ng
RT: 14.665 min Scan# 1936
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22



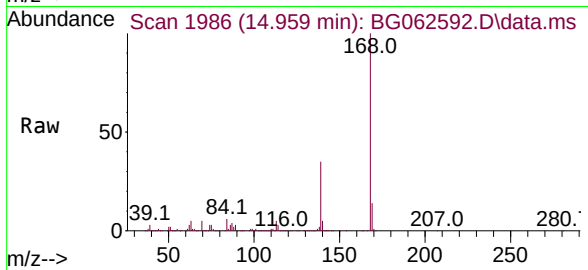
Tgt Ion:184 Resp: 166686
Ion Ratio Lower Upper
184 100
63 68.0 48.6 73.0
154 63.6 50.6 76.0





#55
 Dibenzenofuran
 Concen: 44.342 ng
 RT: 14.959 min Scan# 1986
 Delta R.T. 0.003 min
 Lab File: BG062592.D
 Acq: 28 Aug 2024 12:22

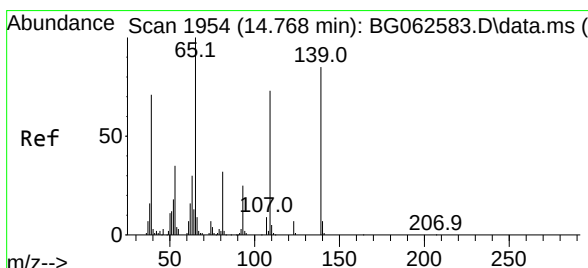
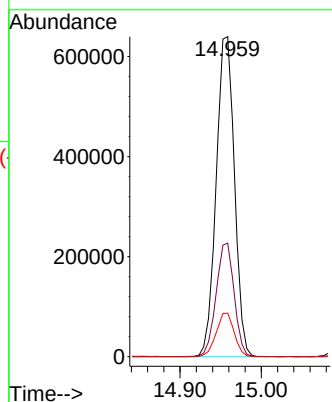
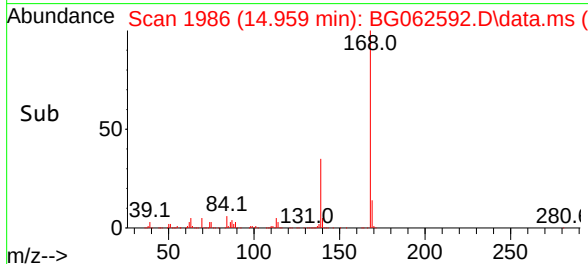
Instrument :
 BNA_G
 ClientSampleId :
 PB163031BS



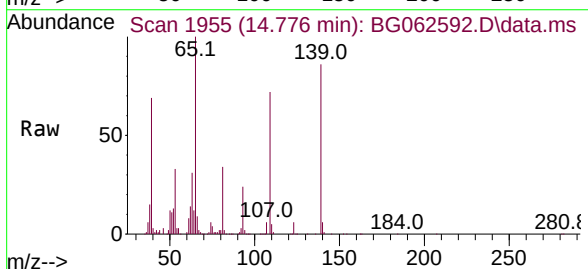
Tgt Ion:168 Resp: 999505
 Ion Ratio Lower Upper
 168 100
 139 35.5 28.2 42.4
 169 13.6 10.5 15.7

Manual Integrations
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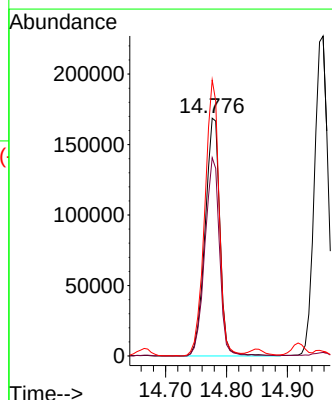
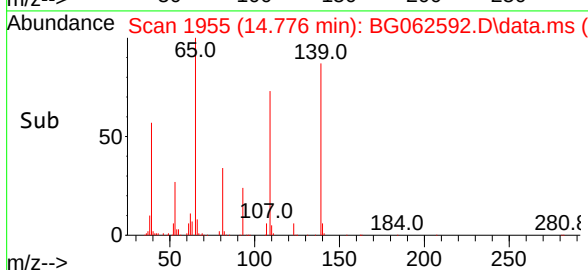
Reviewed By :Jagrut Upadhyay 08/29/2024
 Supervised By :mohammad ahmed 08/30/2024

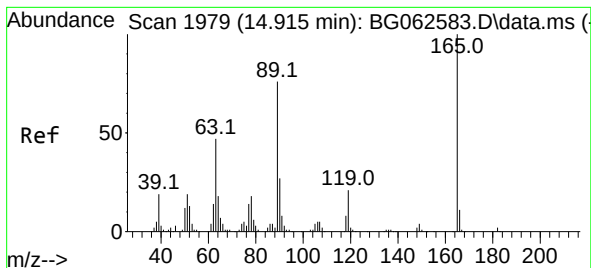


#56
 4-Nitrophenol
 Concen: 106.692 ng
 RT: 14.776 min Scan# 1955
 Delta R.T. 0.008 min
 Lab File: BG062592.D
 Acq: 28 Aug 2024 12:22



Tgt Ion:139 Resp: 284677
 Ion Ratio Lower Upper
 139 100
 109 83.4 66.7 106.7
 65 116.1 98.1 138.1





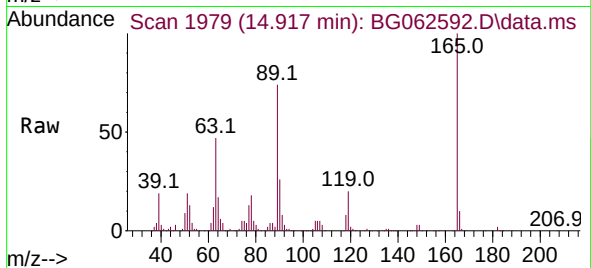
#57
2,4-Dinitrotoluene
Concen: 55.019 ng
RT: 14.917 min Scan# 1979
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Instrument :

BNA_G

ClientSampleId :

PB163031BS

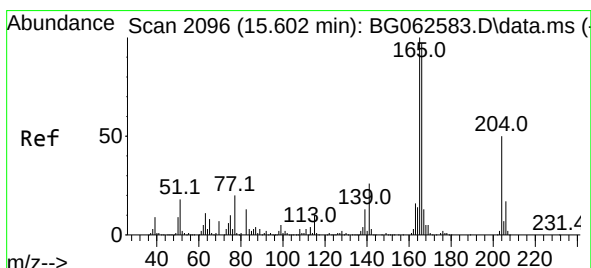
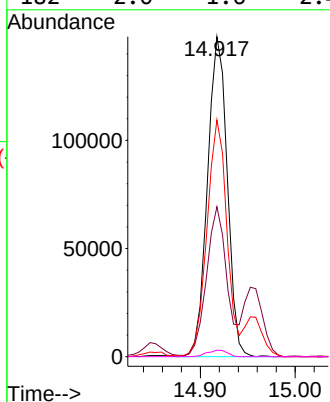
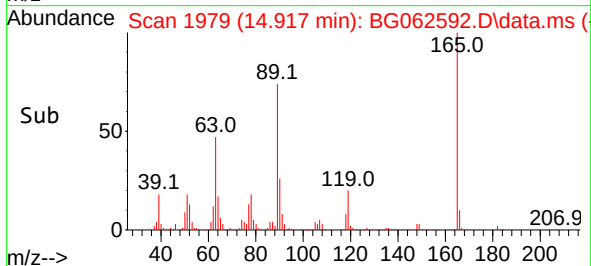


Tgt Ion:165 Resp: 21381
Ion Ratio Lower Upper
165 100
63 46.9 37.5 56.3
89 74.0 60.8 91.2
182 2.0 1.6 2.4

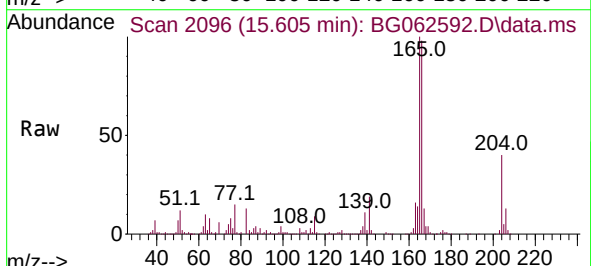
Manual Integrations

APPROVED

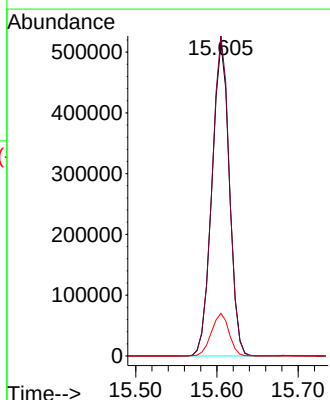
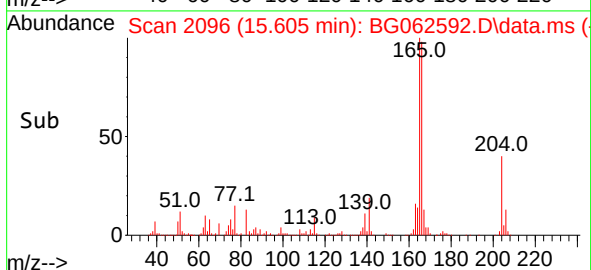
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

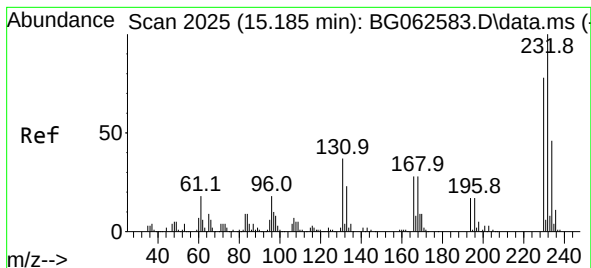


#58
Fluorene
Concen: 43.395 ng
RT: 15.605 min Scan# 2096
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22



Tgt Ion:166 Resp: 768134
Ion Ratio Lower Upper
166 100
165 102.3 82.6 123.8
167 13.6 10.6 15.8





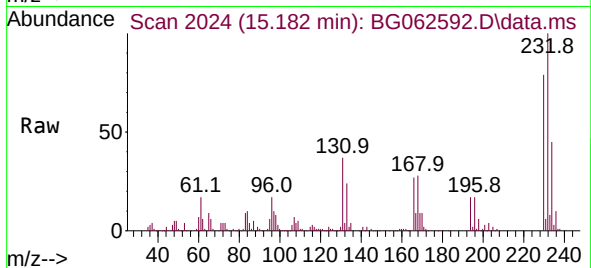
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.443 ng
RT: 15.182 min Scan# 2025
Delta R.T. -0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Instrument :

BNA_G

ClientSampleId :

PB163031BS

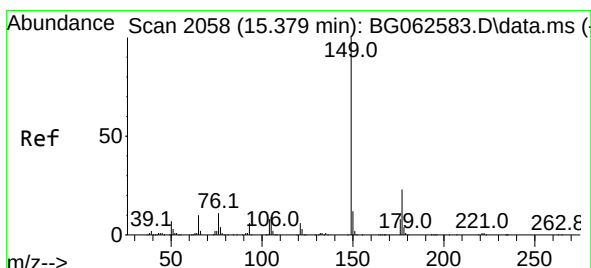
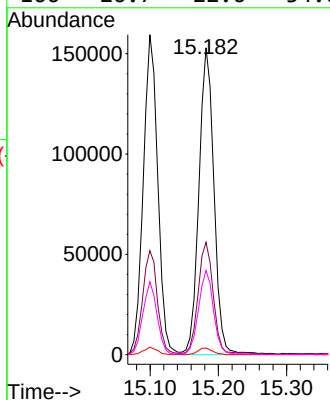
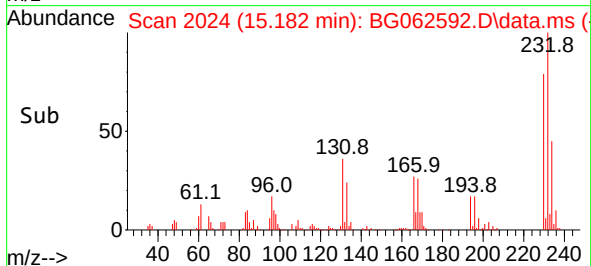


Tgt Ion:232 Resp: 235478
Ion Ratio Lower Upper
232 100
131 36.6 30.5 45.7
130 2.1 1.8 2.8
166 26.7 22.6 34.0

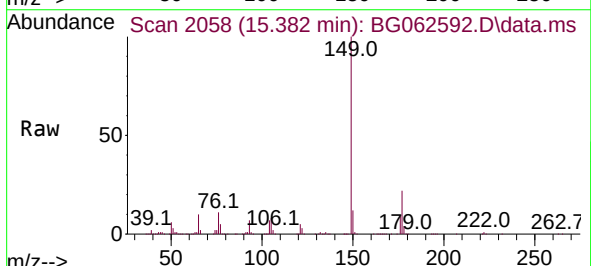
Manual Integrations

APPROVED

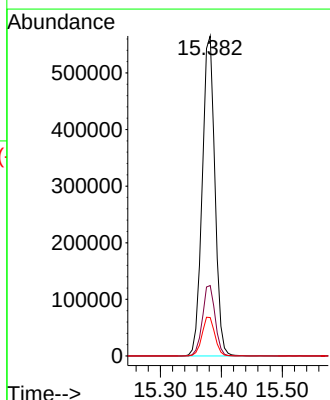
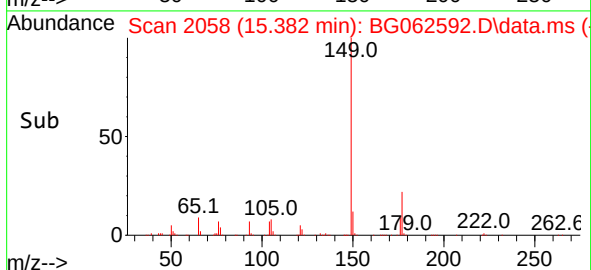
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

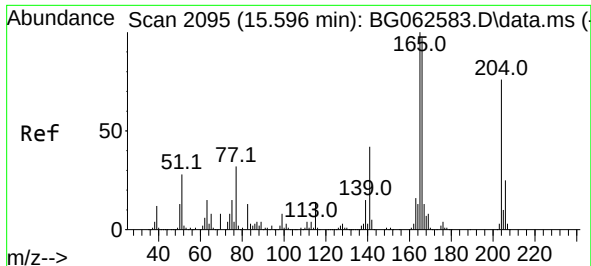


#60
Diethylphthalate
Concen: 50.012 ng
RT: 15.382 min Scan# 2058
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22



Tgt Ion:149 Resp: 815139
Ion Ratio Lower Upper
149 100
177 22.0 18.2 27.2
150 12.0 9.8 14.8





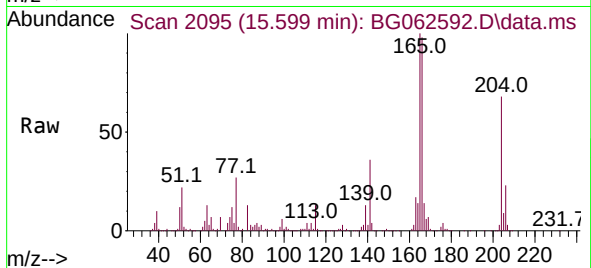
#61
4-Chlorophenyl-phenylether
Concen: 43.804 ng
RT: 15.599 min Scan# 2095
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Instrument :

BNA_G

ClientSampleId :

PB163031BS

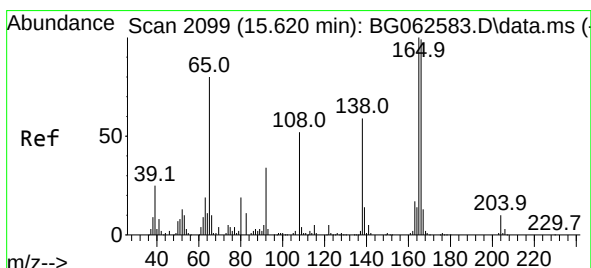
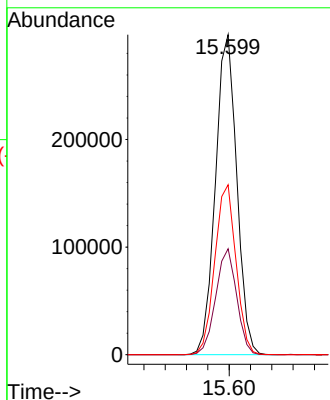
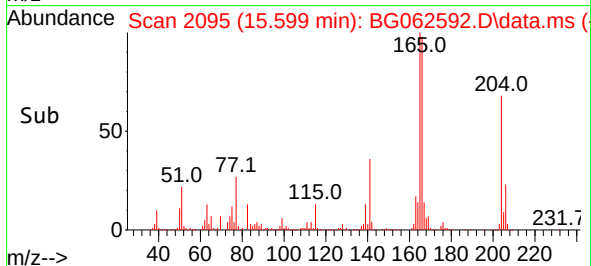


Tgt Ion:204 Resp: 412062
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.4
141 53.1 44.0 66.0

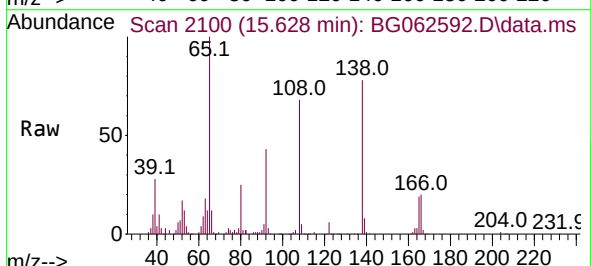
Manual Integrations

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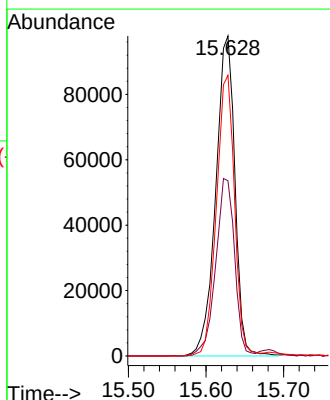
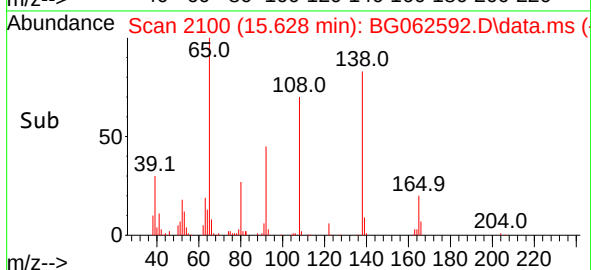
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

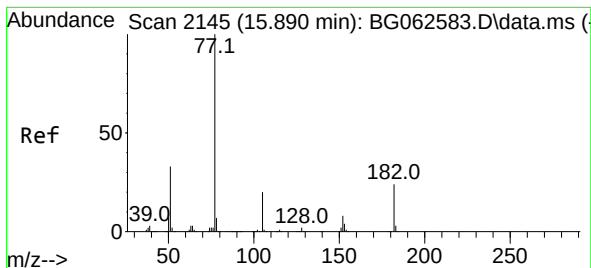


#62
4-Nitroaniline
Concen: 53.839 ng
RT: 15.628 min Scan# 2100
Delta R.T. 0.009 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22



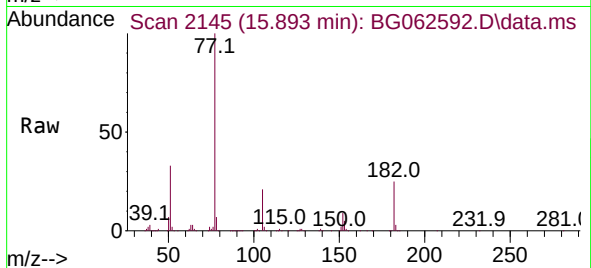
Tgt Ion:138 Resp: 168720
Ion Ratio Lower Upper
138 100
92 54.7 37.6 77.6
108 87.7 68.3 108.3





#63
Azobenzene
Concen: 45.524 ng
RT: 15.893 min Scan# 2145
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

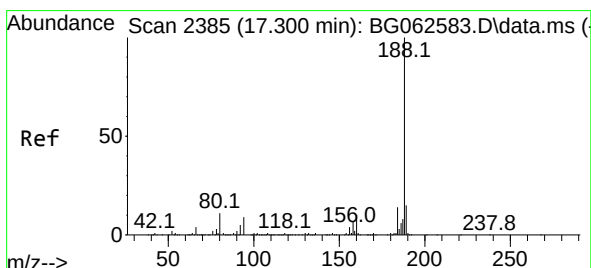
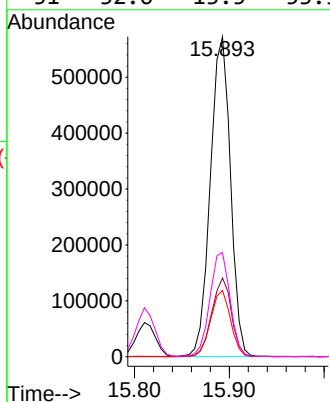
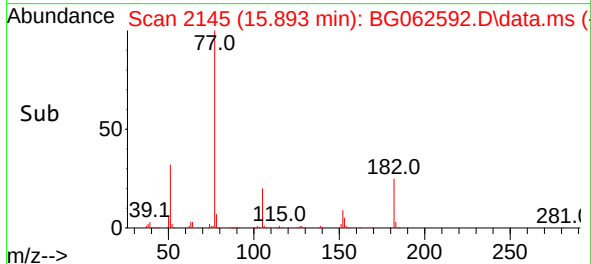
Instrument :
BNA_G
ClientSampleId :
PB163031BS



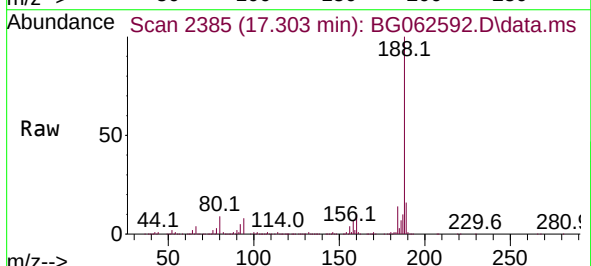
Tgt Ion: 77 Resp: 843149
Ion Ratio Lower Upper
77 100
182 24.6 3.6 43.6
105 20.7 0.0 39.5
51 32.6 13.5 53.5

Manual Integrations
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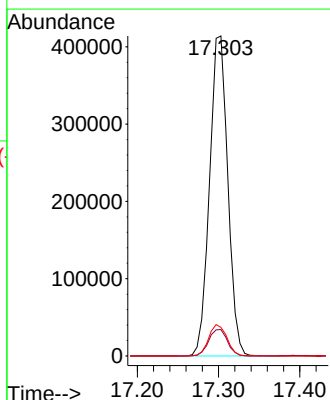
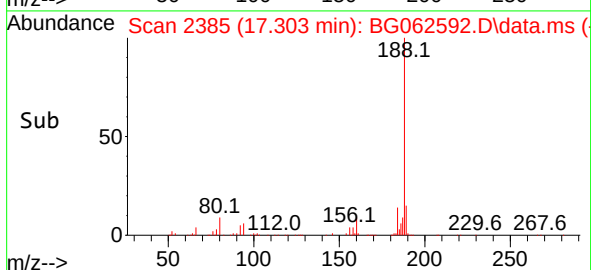
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

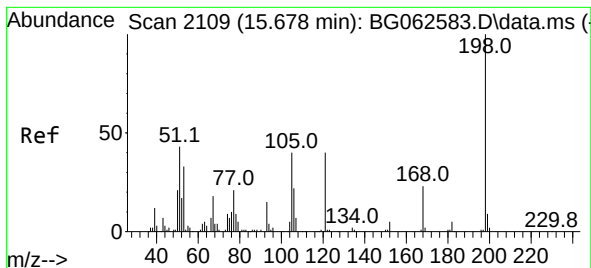


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.303 min Scan# 2385
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22



Tgt Ion:188 Resp: 645903
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 9.0 8.4 12.6





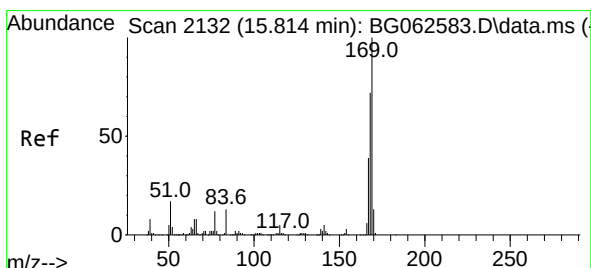
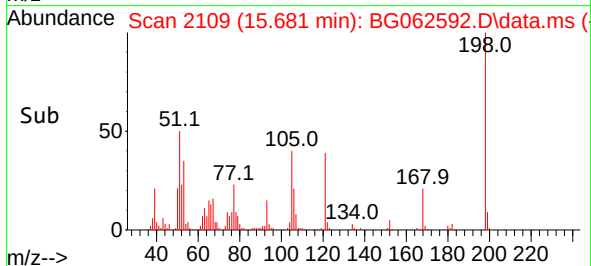
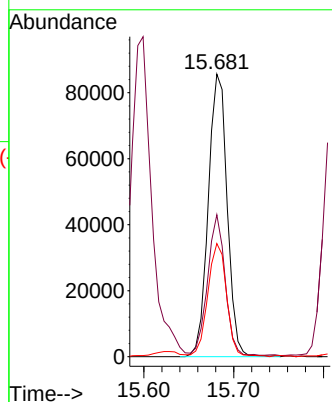
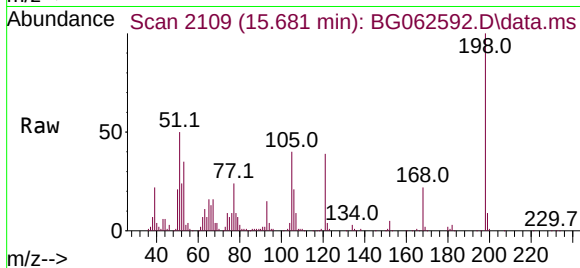
#65
4,6-Dinitro-2-methylphenol
Concen: 57.258 ng
RT: 15.681 min Scan# 2109
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Instrument :
BNA_G
ClientSampleId :
PB163031BS

Tgt Ion:198 Resp: 12511
Ion Ratio Lower Upper
198 100
51 50.2 25.9 65.9
105 40.0 20.8 60.8

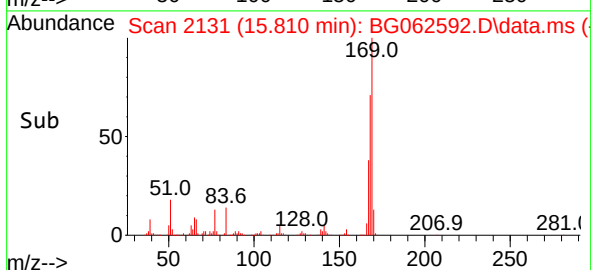
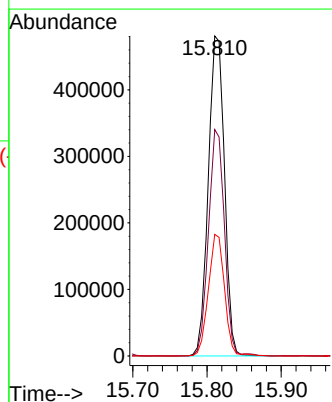
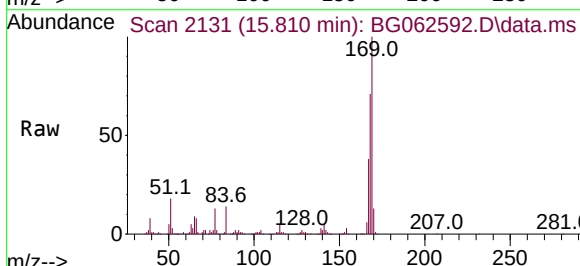
Manual Integrations
APPROVED

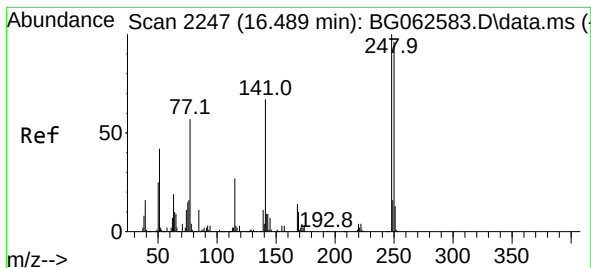
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#66
n-Nitrosodiphenylamine
Concen: 46.400 ng
RT: 15.810 min Scan# 2131
Delta R.T. -0.004 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Tgt Ion:169 Resp: 727934
Ion Ratio Lower Upper
169 100
168 70.8 57.9 86.9
167 38.0 30.9 46.3





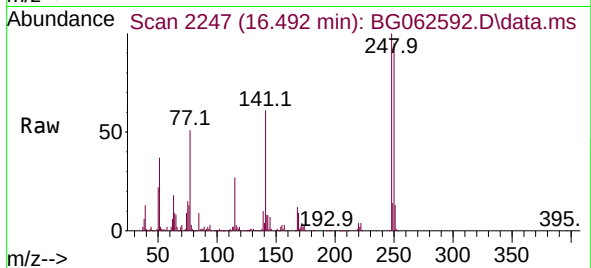
#67
4-Bromophenyl-phenylether
Concen: 44.979 ng
RT: 16.492 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Instrument :

BNA_G

ClientSampleId :

PB163031BS

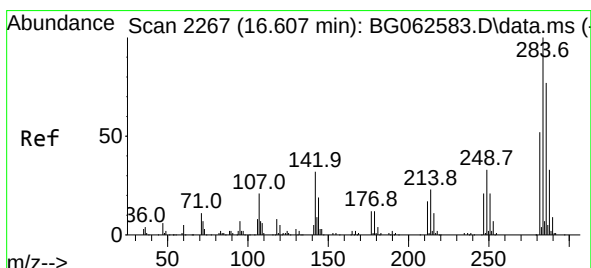
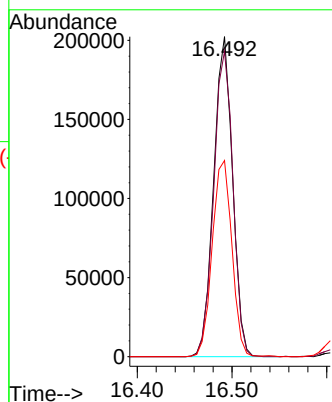
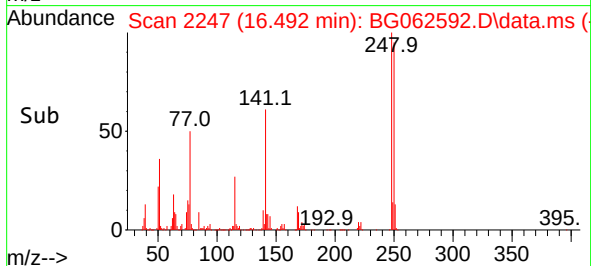


Tgt Ion:248 Resp: 279640
Ion Ratio Lower Upper
248 100
250 95.4 76.7 115.1
141 61.3 54.0 81.0

Manual Integrations

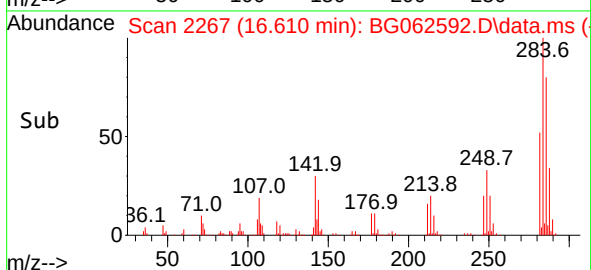
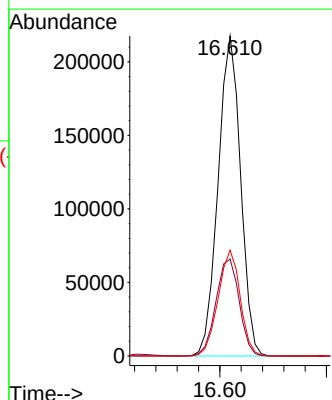
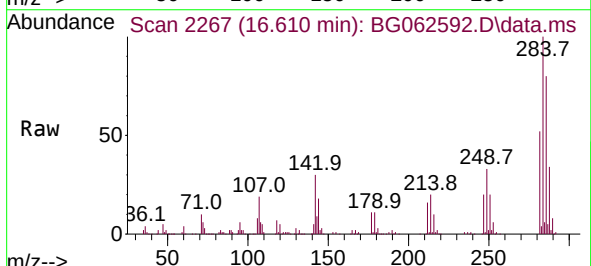
APPROVED

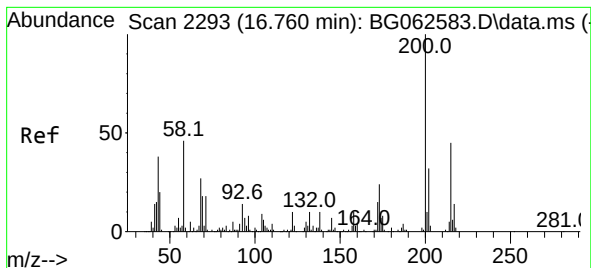
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#68
Hexachlorobenzene
Concen: 44.236 ng
RT: 16.610 min Scan# 2267
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Tgt Ion:284 Resp: 317791
Ion Ratio Lower Upper
284 100
142 30.3 25.7 38.5
249 35.1 28.7 43.1





#69

Atrazine

Concen: 53.123 ng

RT: 16.762 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG062592.D

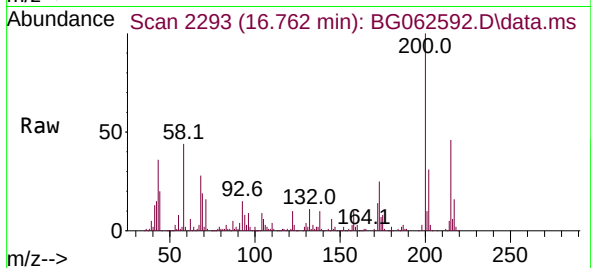
Acq: 28 Aug 2024 12:22

Instrument :

BNA_G

ClientSampleId :

PB163031BS



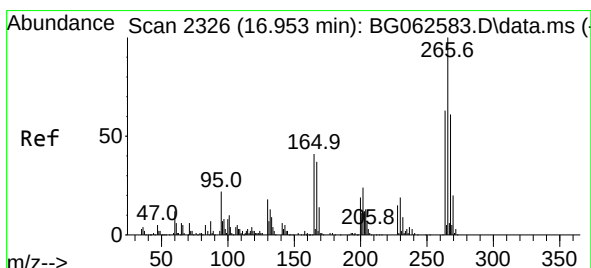
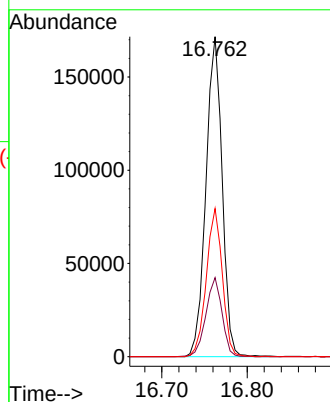
Tgt Ion:200 Resp: 226690

Ion	Ratio	Lower	Upper
200	100		
173	24.7	3.7	43.7
215	46.3	25.1	65.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#70

Pentachlorophenol

Concen: 86.800 ng

RT: 16.950 min Scan# 2325

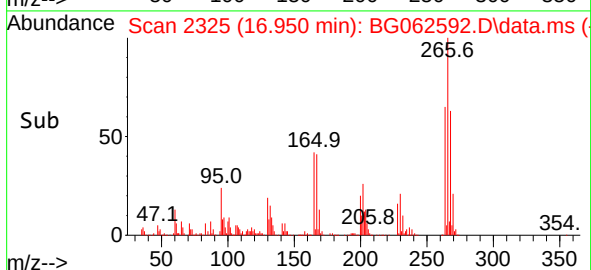
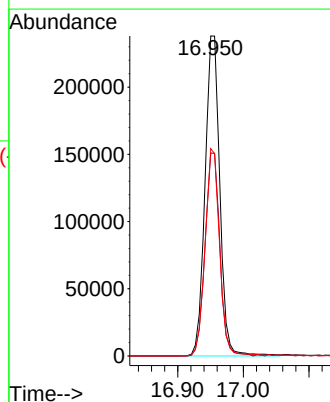
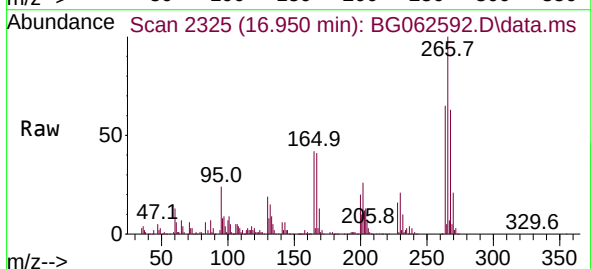
Delta R.T. -0.003 min

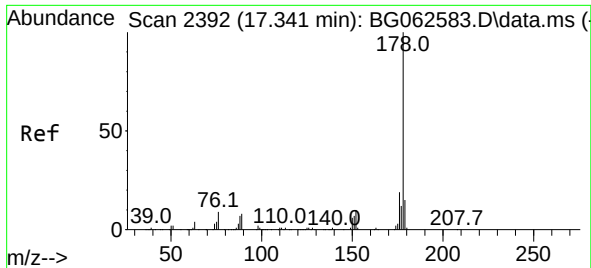
Lab File: BG062592.D

Acq: 28 Aug 2024 12:22

Tgt Ion:266 Resp: 373720

Ion	Ratio	Lower	Upper
266	100		
268	63.4	53.1	79.7
264	64.8	54.2	81.4





#71
Phenanthrene
Concen: 44.504 ng
RT: 17.344 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Instrument :

BNA_G

ClientSampleId :

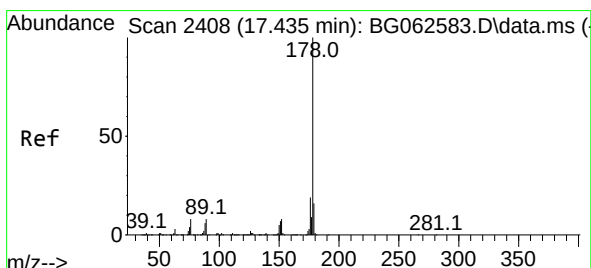
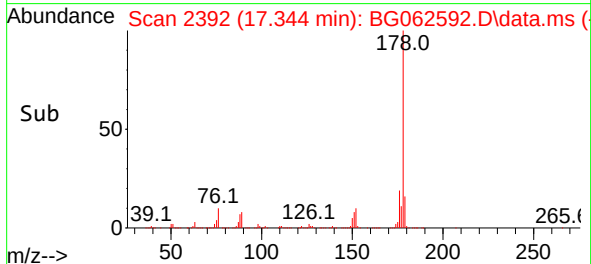
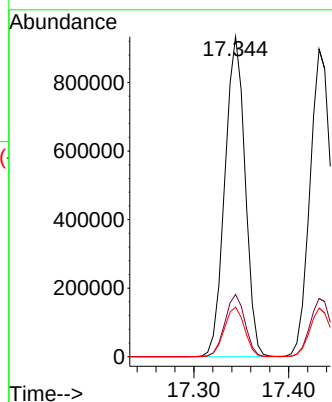
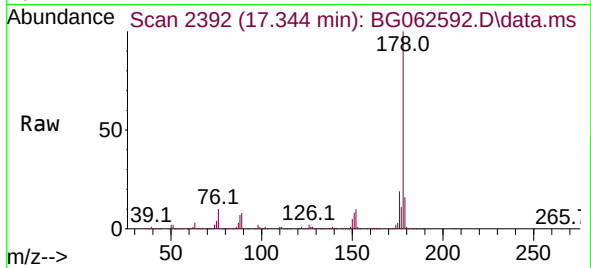
PB163031BS

Tgt Ion:178 Resp: 1384280
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.5 12.1 18.1

Manual Integrations

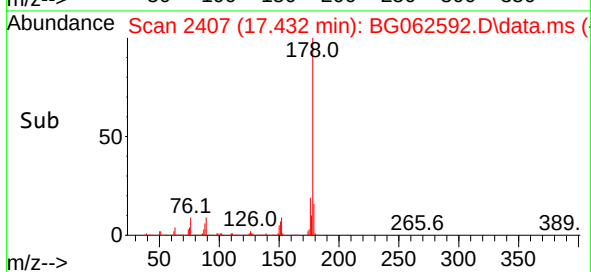
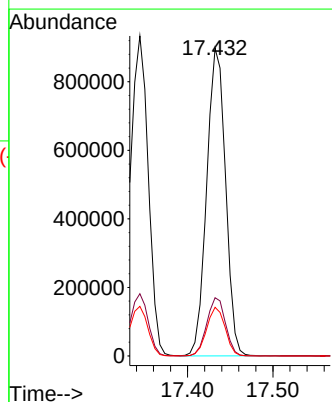
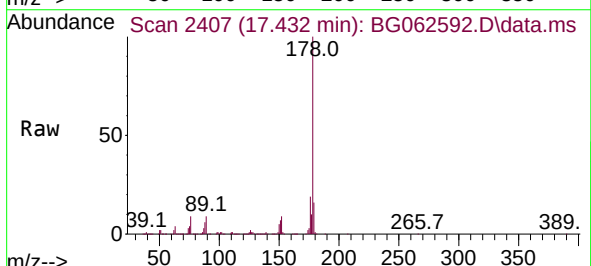
APPROVED

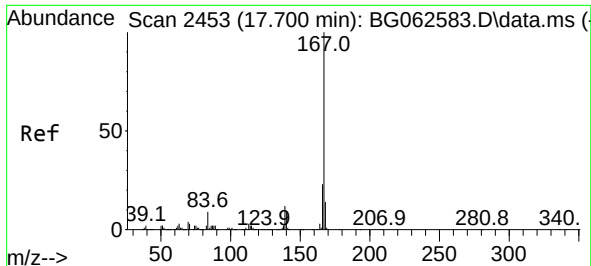
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#72
Anthracene
Concen: 45.335 ng
RT: 17.432 min Scan# 2407
Delta R.T. -0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

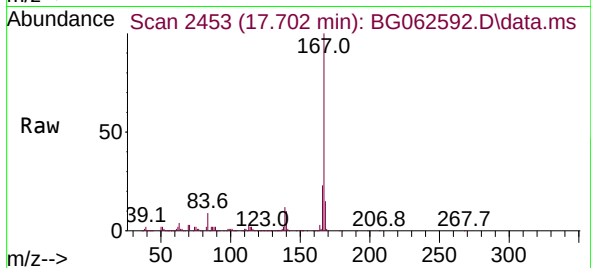
Tgt Ion:178 Resp: 1379704
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.8 12.5 18.7





#73
Carbazole
Concen: 46.005 ng
RT: 17.702 min Scan# 2453
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

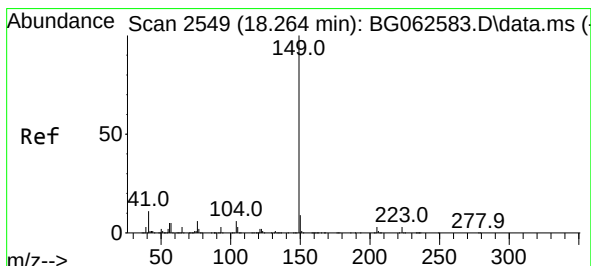
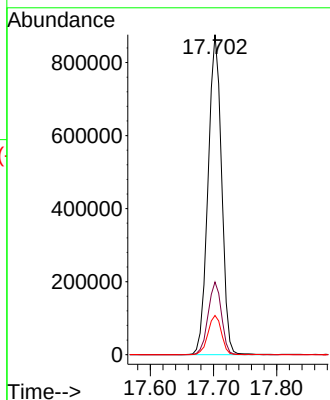
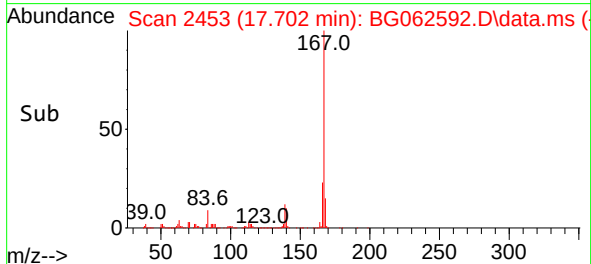
Instrument :
BNA_G
ClientSampleId :
PB163031BS



Tgt Ion:167 Resp: 1298969
Ion Ratio Lower Upper
167 100
166 22.7 18.6 27.8
139 12.3 9.7 14.5

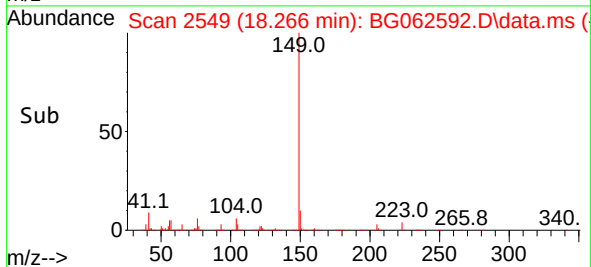
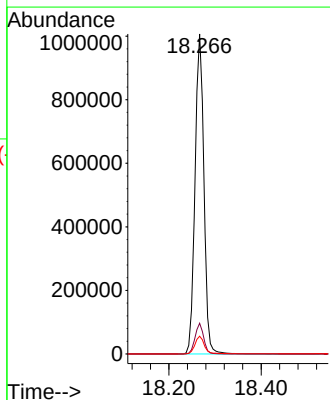
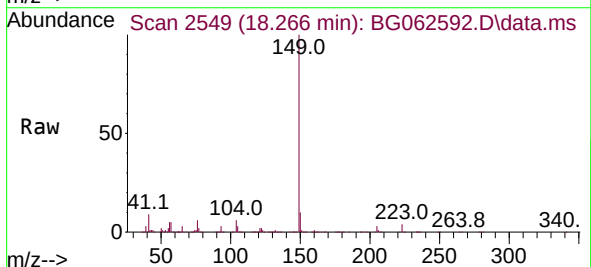
Manual Integrations
APPROVED

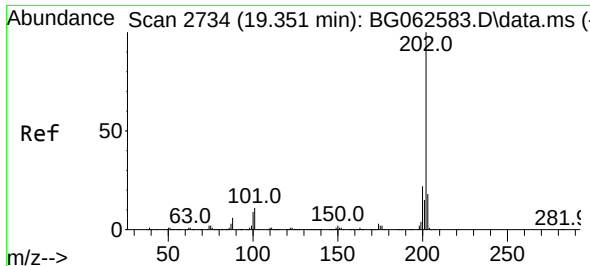
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#74
Di-n-butylphthalate
Concen: 54.357 ng
RT: 18.266 min Scan# 2549
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

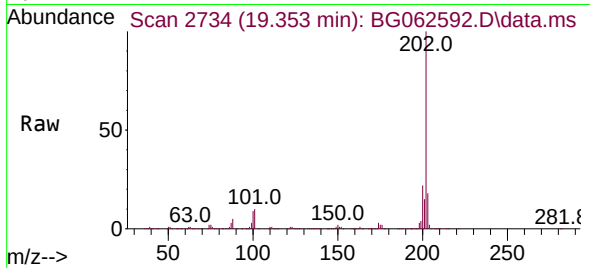
Tgt Ion:149 Resp: 1342723
Ion Ratio Lower Upper
149 100
150 9.6 7.4 11.0
104 5.5 4.8 7.2





#75
Fluoranthene
Concen: 44.586 ng
RT: 19.353 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

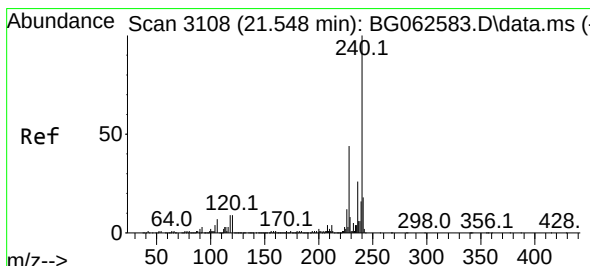
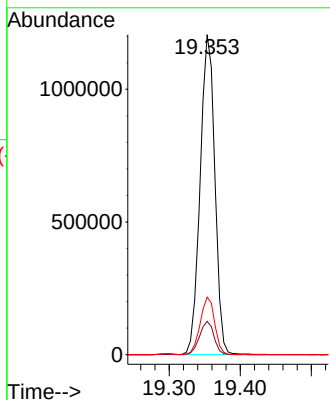
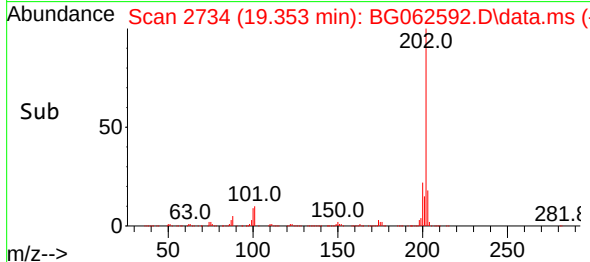
Instrument :
BNA_G
ClientSampleId :
PB163031BS



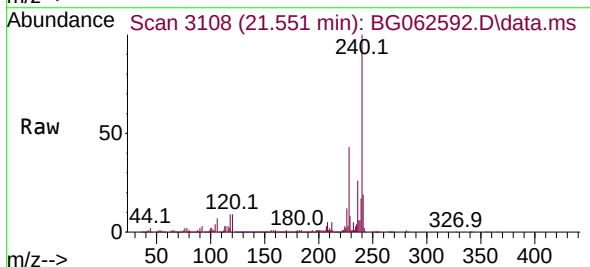
Tgt Ion:202 Resp: 173616
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.8
203 18.0 0.0 37.6

Manual Integrations
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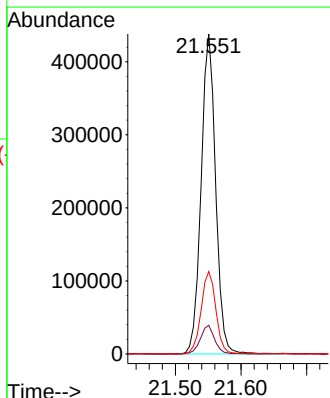
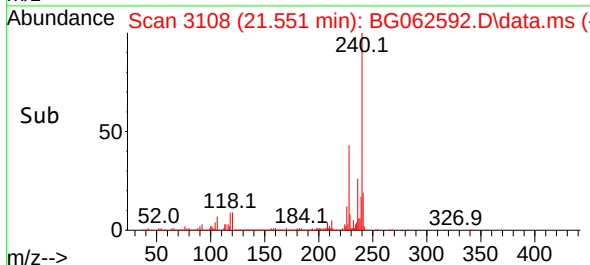
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

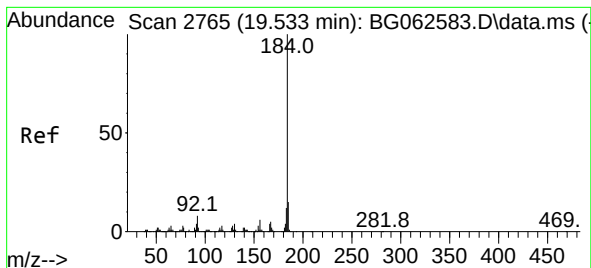


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.551 min Scan# 3108
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22



Tgt Ion:240 Resp: 674833
Ion Ratio Lower Upper
240 100
120 8.9 7.4 11.0
236 25.7 20.5 30.7





#77

Benzidine

Concen: 15.704 ng

RT: 19.536 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG062592.D

Acq: 28 Aug 2024 12:22

Instrument :

BNA_G

ClientSampleId :

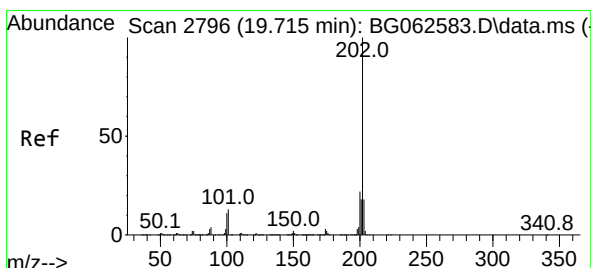
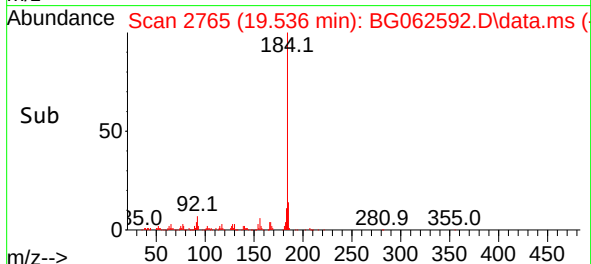
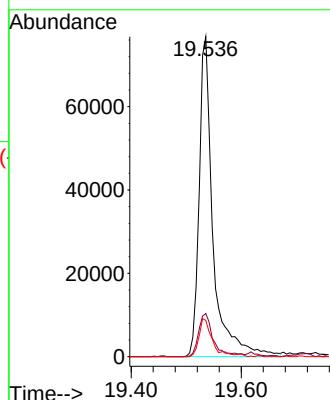
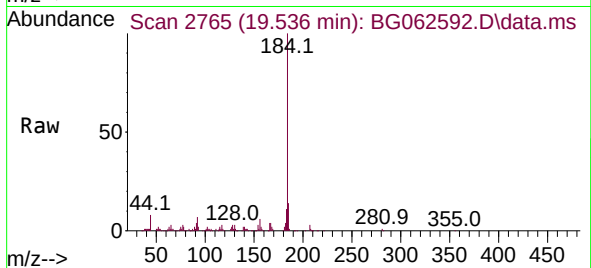
PB163031BS

Tgt Ion:184	Resp:	134662	
Ion	Ratio	Lower	Upper
184	100		
185	13.5	11.8	17.8
183	11.4	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#78

Pyrene

Concen: 42.505 ng

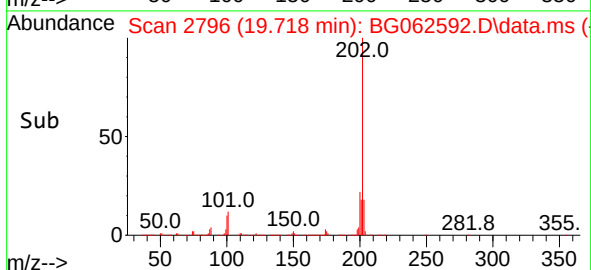
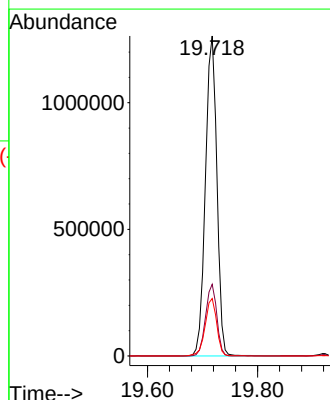
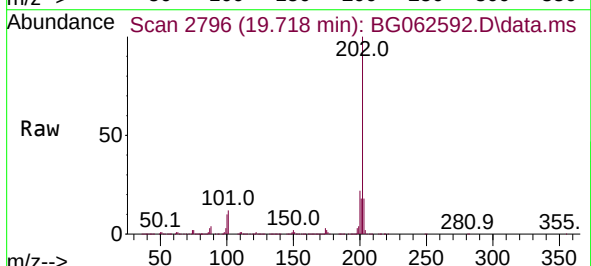
RT: 19.718 min Scan# 2796

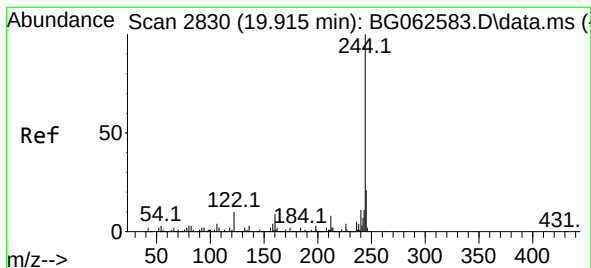
Delta R.T. 0.003 min

Lab File: BG062592.D

Acq: 28 Aug 2024 12:22

Tgt Ion:202	Resp: 1823715		
Ion Ratio	Lower	Upper	
202	100		
200	22.4	17.7	26.5
203	18.0	14.3	21.5





#79

Terphenyl-d14

Concen: 80.903 ng

RT: 19.917 min Scan# 2

Delta R.T. 0.003 min

Lab File: BG062592.D

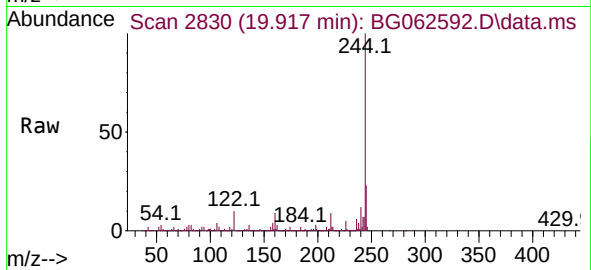
Acq: 28 Aug 2024 12:22

Instrument :

BNA_G

ClientSampleId :

PB163031BS



Tgt Ion:244 Resp: 2611300

Ion Ratio Lower Upper

244 100

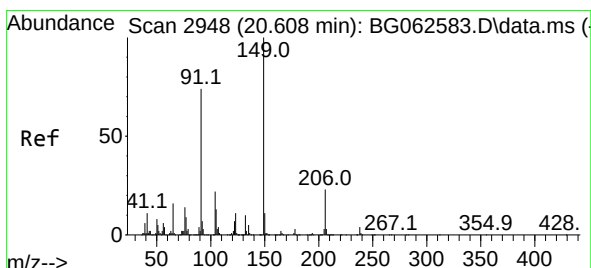
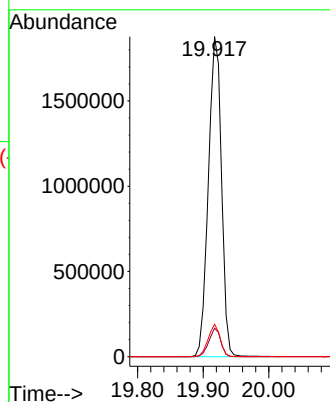
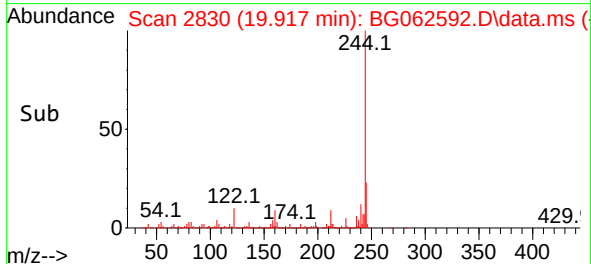
212 8.9 6.7 10.1

122 10.2 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#80

Butylbenzylphthalate

Concen: 52.160 ng

RT: 20.611 min Scan# 2948

Delta R.T. 0.003 min

Lab File: BG062592.D

Acq: 28 Aug 2024 12:22

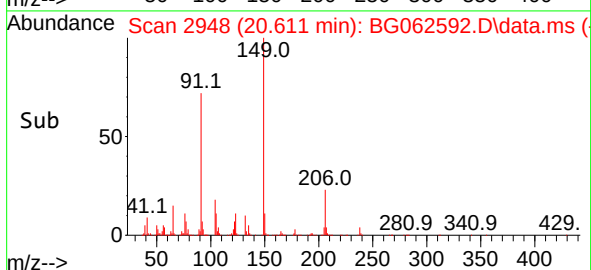
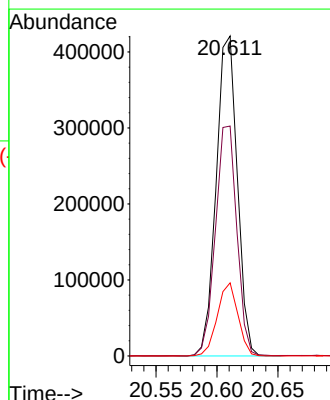
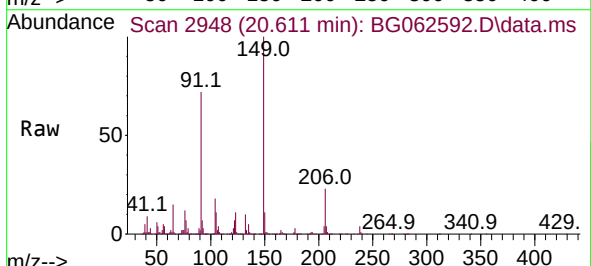
Tgt Ion:149 Resp: 508784

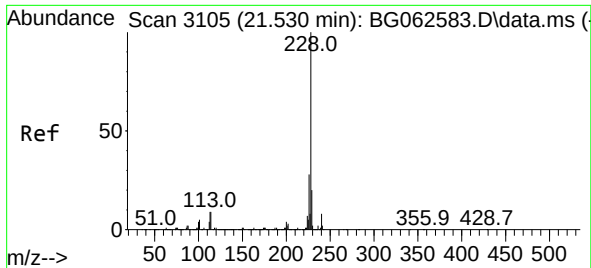
Ion Ratio Lower Upper

149 100

91 71.9 59.0 88.6

206 22.9 18.5 27.7





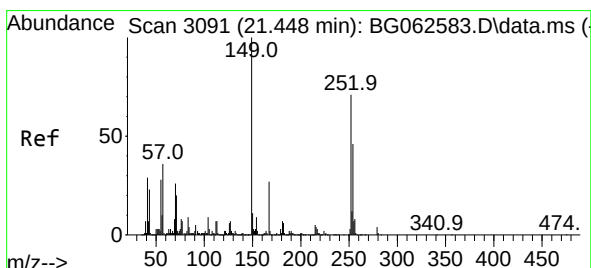
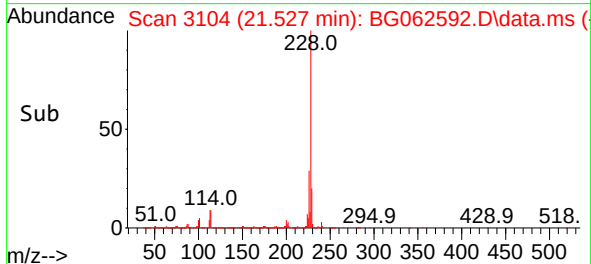
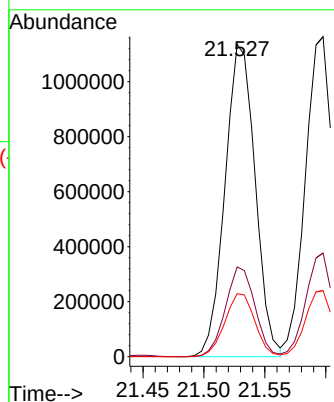
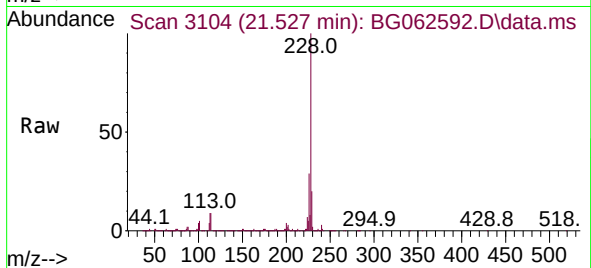
#81
Benzo(a)anthracene
Concen: 45.606 ng
RT: 21.527 min Scan# 3104
Delta R.T. -0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Instrument :
BNA_G
ClientSampleId :
PB163031BS

Tgt Ion:228 Resp: 1960070
Ion Ratio Lower Upper
228 100
226 28.8 22.6 33.8
229 20.2 16.2 24.2

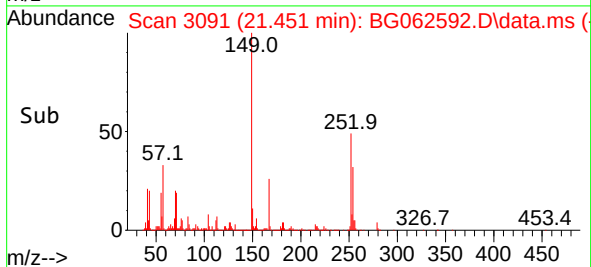
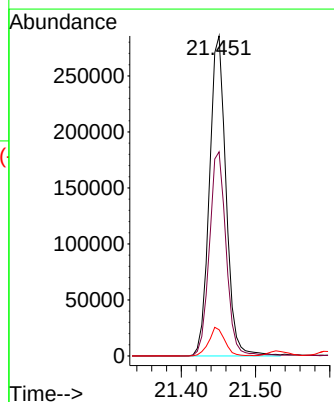
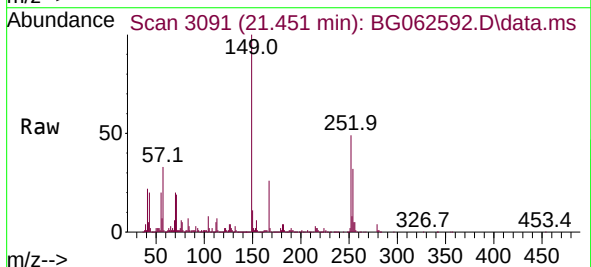
Manual Integrations
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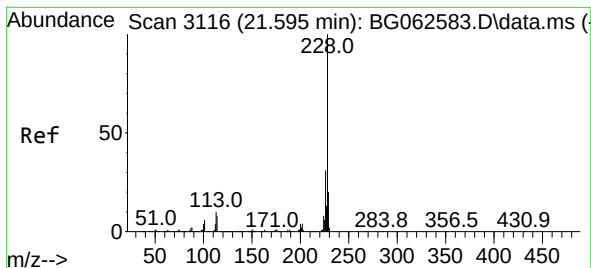
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#82
3,3'-Dichlorobenzidine
Concen: 39.078 ng
RT: 21.451 min Scan# 3091
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Tgt Ion:252 Resp: 444249
Ion Ratio Lower Upper
252 100
254 63.8 51.4 77.0
126 8.2 7.1 10.7





#83

Chrysene

Concen: 44.531 ng

RT: 21.598 min Scan# 3116

Delta R.T. 0.003 min

Lab File: BG062592.D

Acq: 28 Aug 2024 12:22

Instrument :

BNA_G

ClientSampleId :

PB163031BS

Tgt Ion:228 Resp: 1872740

Ion Ratio Lower Upper

228 100

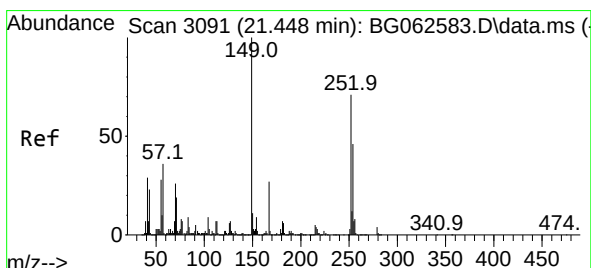
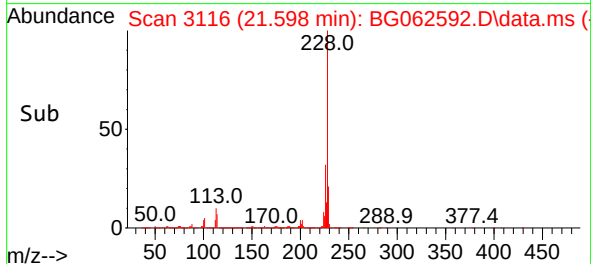
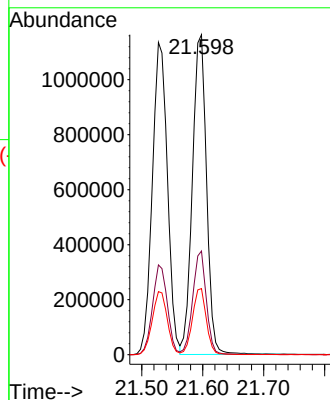
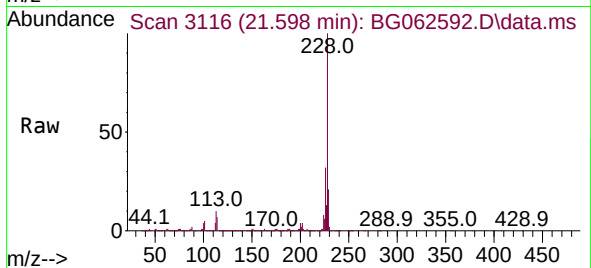
226 32.4 24.6 37.0

229 20.7 16.1 24.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.955 ng

RT: 21.451 min Scan# 3091

Delta R.T. 0.003 min

Lab File: BG062592.D

Acq: 28 Aug 2024 12:22

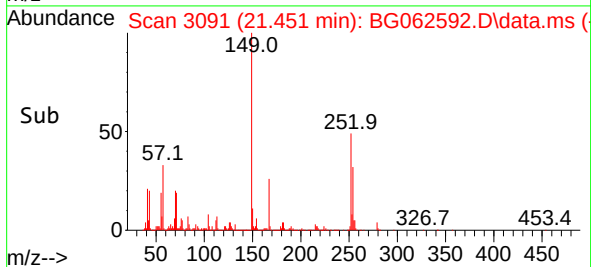
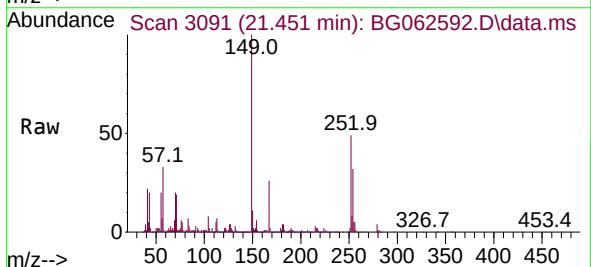
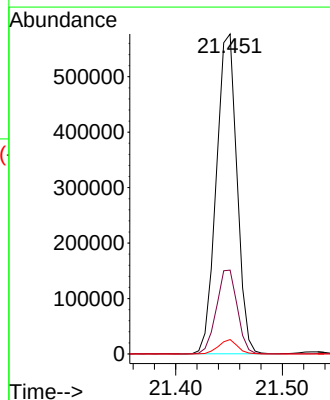
Tgt Ion:149 Resp: 773517

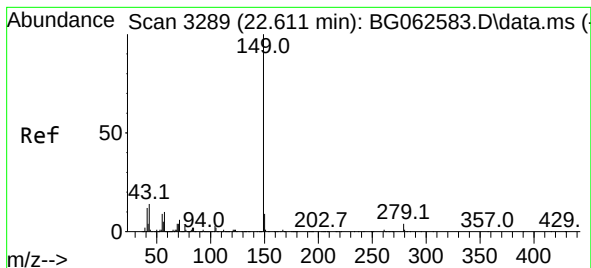
Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

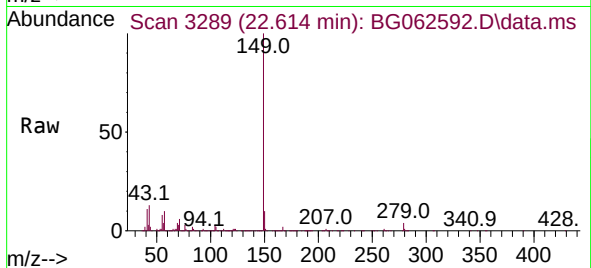
279 4.5 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 54.207 ng
RT: 22.614 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

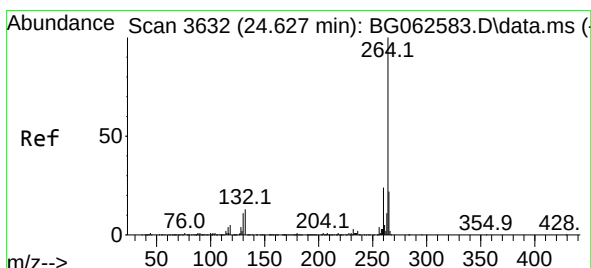
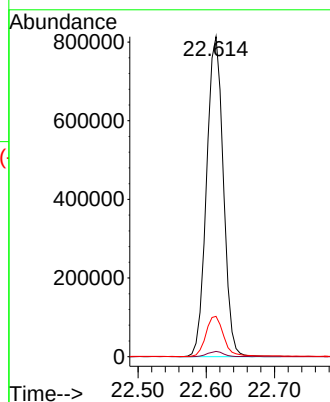
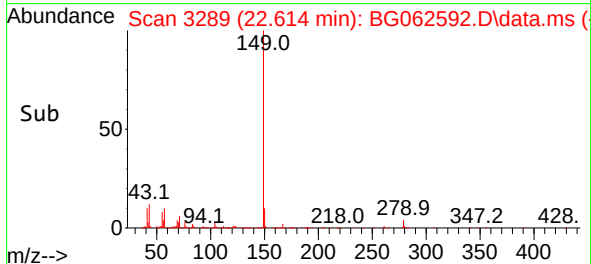
Instrument :
BNA_G
ClientSampleId :
PB163031BS



Tgt Ion:149 Resp: 139002
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 13.4 12.7 19.1

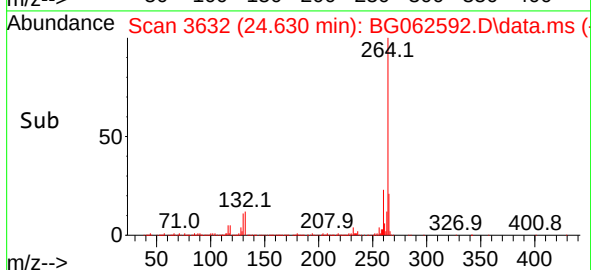
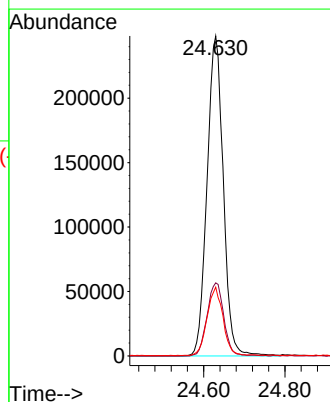
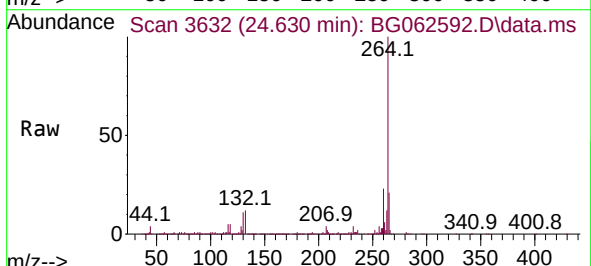
Manual Integrations
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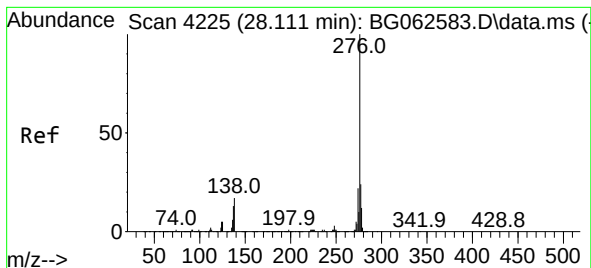
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.630 min Scan# 3632
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

Tgt Ion:264 Resp: 687755
Ion Ratio Lower Upper
264 100
260 22.8 19.0 28.4
265 21.5 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.777 ng

RT: 28.120 min Scan# 41

Delta R.T. 0.009 min

Lab File: BG062592.D

Acq: 28 Aug 2024 12:22

Instrument :

BNA_G

ClientSampleId :

PB163031BS

Tgt Ion:276 Resp: 228896

Ion Ratio Lower Upper

276 100

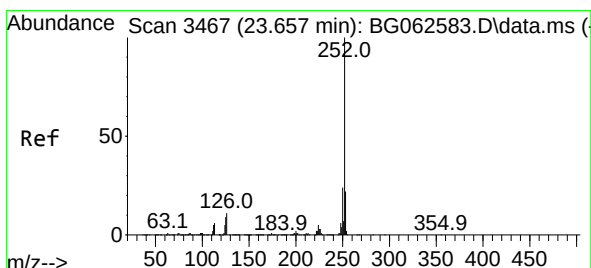
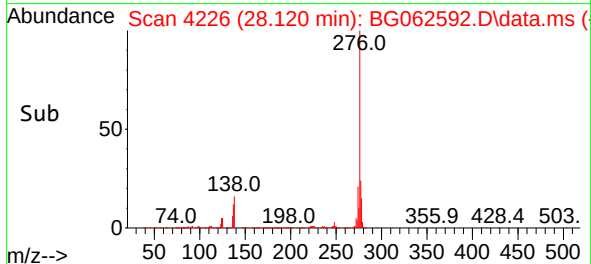
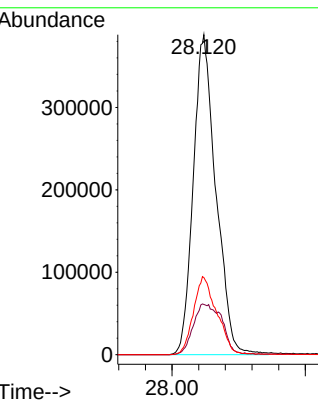
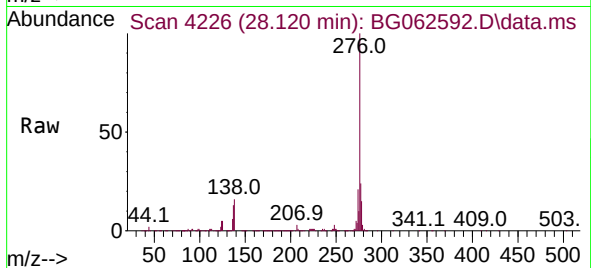
138 20.0 12.6 18.8

277 25.1 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#88

Benzo(b)fluoranthene

Concen: 49.710 ng

RT: 23.660 min Scan# 3467

Delta R.T. 0.003 min

Lab File: BG062592.D

Acq: 28 Aug 2024 12:22

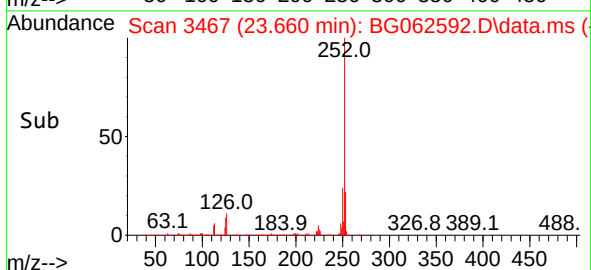
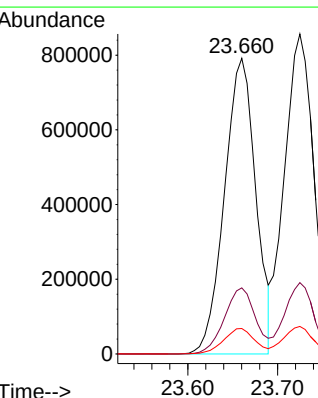
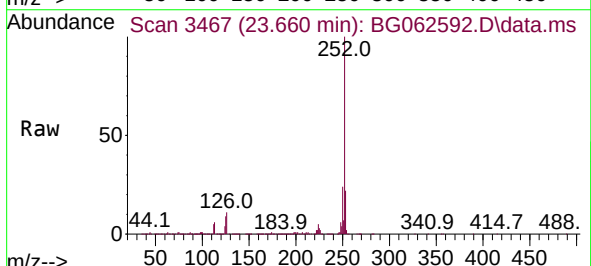
Tgt Ion:252 Resp: 1914901

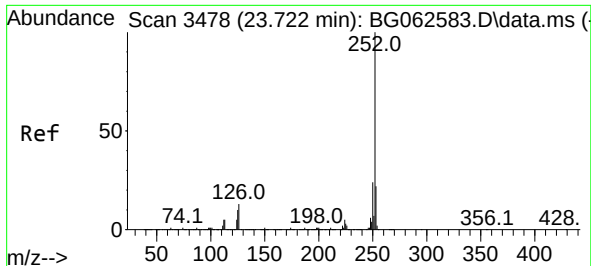
Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

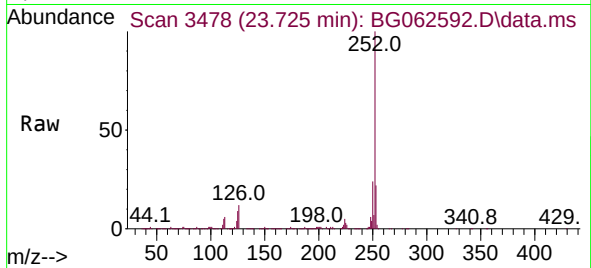
125 8.6 7.3 10.9





#89
Benzo(k)fluoranthene
Concen: 51.816 ng
RT: 23.725 min Scan# 3478
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22

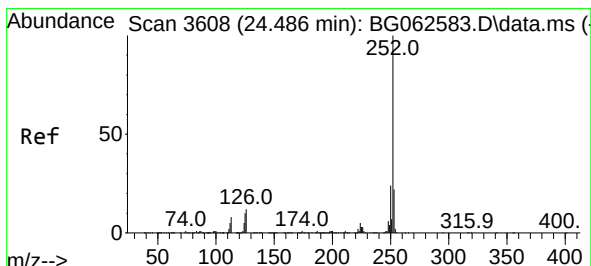
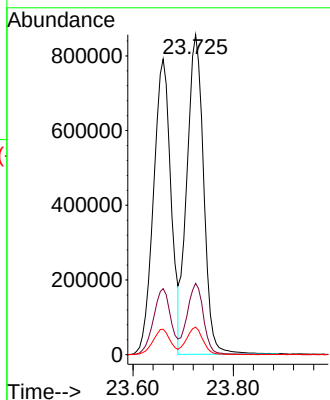
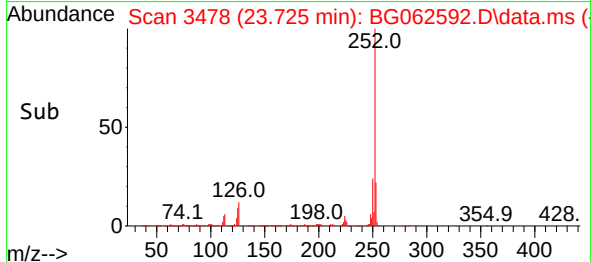
Instrument :
BNA_G
ClientSampleId :
PB163031BS



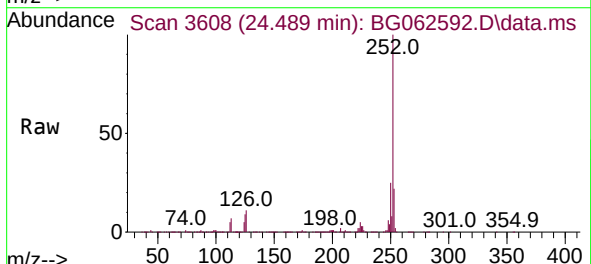
Tgt Ion:252 Resp: 198039
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 8.6 7.5 11.3

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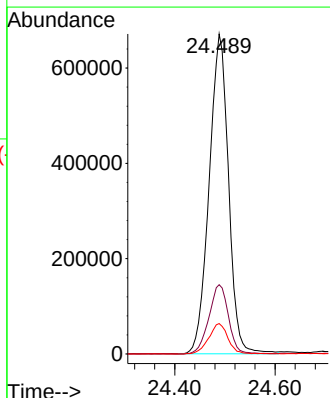
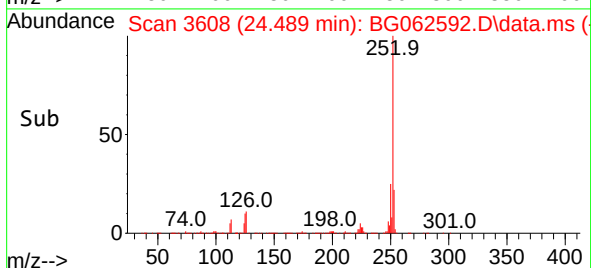
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

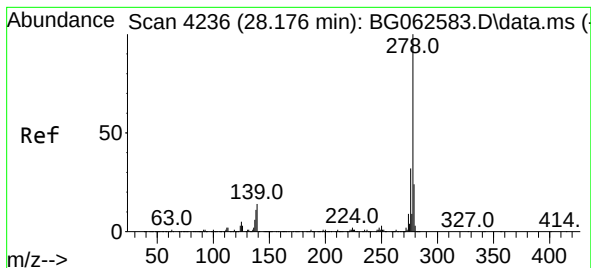


#90
Benzo(a)pyrene
Concen: 53.103 ng
RT: 24.489 min Scan# 3608
Delta R.T. 0.003 min
Lab File: BG062592.D
Acq: 28 Aug 2024 12:22



Tgt Ion:252 Resp: 1798319
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 9.5 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 52.764 ng

RT: 28.184 min Scan# 41

Delta R.T. 0.009 min

Lab File: BG062592.D

Acq: 28 Aug 2024 12:22

Instrument :

BNA_G

ClientSampleId :

PB163031BS

Tgt Ion:278 Resp: 1891120

Ion Ratio Lower Upper

278 100

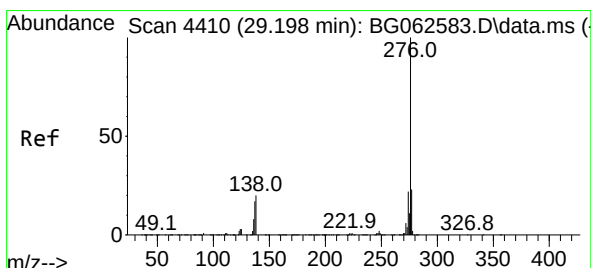
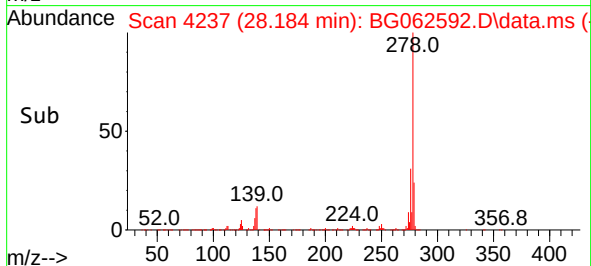
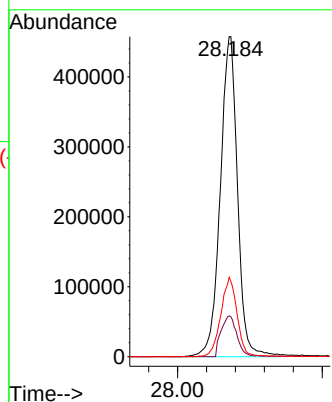
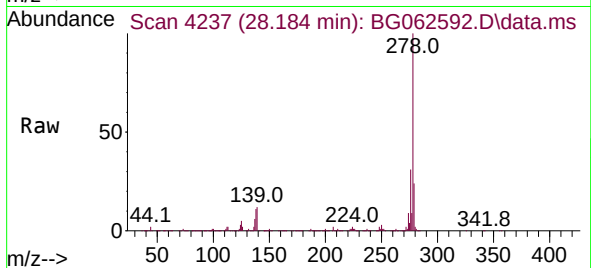
139 12.4 11.1 16.7

279 23.5 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#92

Benzo(g,h,i)perylene

Concen: 49.183 ng

RT: 29.212 min Scan# 4412

Delta R.T. 0.015 min

Lab File: BG062592.D

Acq: 28 Aug 2024 12:22

Tgt Ion:276 Resp: 1792071

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 17.7 15.8 23.6

