

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011224\
 Data File : BG060322.D
 Acq On : 12 Jan 2024 19:11
 Operator : MA/JU
 Sample : P1104-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Quant Time: Jan 12 23:44:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
 Supervised By :mohammad ahmed 01/16/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	279969	20.000	ng	0.00
21) Naphthalene-d8	10.729	136	1067591	20.000	ng	0.00
39) Acenaphthene-d10	14.566	164	782809	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1883414	20.000	ng	0.00
76) Chrysene-d12	21.575	240	1794371	20.000	ng	0.00
86) Perylene-d12	24.742	264	1989007	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.506	112	1920723	112.840	ng	0.00
7) Phenol-d6	7.098	99	2864967	113.666	ng	0.00
23) Nitrobenzene-d5	9.095	82	1994547	88.220	ng	0.00
42) 2,4,6-Tribromophenol	16.058	330	1504467	130.626	ng	0.00
45) 2-Fluorobiphenyl	13.191	172	4431255	78.702	ng	0.00
79) Terphenyl-d14	19.930	244	5819273	80.010	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.420	88	250149	32.172	ng	# 69
3) Pyridine	3.813	79	533612	24.324	ng	94
4) n-Nitrosodimethylamine	3.719	42	224835	32.748	ng	96
6) Aniline	7.256	93	578211	22.951	ng	99
8) 2-Chlorophenol	7.497	128	740503	43.897	ng	96
9) Benzaldehyde	7.068	77	142801m	9.870	ng	
10) Phenol	7.121	94	1037150	41.041	ng	97
11) bis(2-Chloroethyl)ether	7.350	93	829273	40.271	ng	96
12) 1,3-Dichlorobenzene	7.820	146	791937	37.401	ng	97
13) 1,4-Dichlorobenzene	7.967	146	823341	38.324	ng	100
14) 1,2-Dichlorobenzene	8.285	146	807975	36.575	ng	99
15) Benzyl Alcohol	8.167	79	727046m	44.561	ng	
16) 2,2'-oxybis(1-Chloropr...	8.449	45	948959m	37.968	ng	
17) 2-Methylphenol	8.373	107	716133	41.258	ng	99
18) Hexachloroethane	9.013	117	273111	36.258	ng	97
19) n-Nitroso-di-n-propyla...	8.731	70	683448	39.178	ng	97
20) 3+4-Methylphenols	8.702	107	978581	41.814	ng	98
22) Acetophenone	8.749	105	1345149	45.837	ng	# 99
24) Nitrobenzene	9.137	77	982764	41.932	ng	96
25) Isophorone	9.654	82	1872828	41.248	ng	99
26) 2-Nitrophenol	9.842	139	404958	46.993	ng	97
27) 2,4-Dimethylphenol	9.900	122	638285	56.055	ng	99
28) bis(2-Chloroethoxy)met...	10.135	93	1183316	42.655	ng	98
29) 2,4-Dichlorophenol	10.382	162	868744	47.081	ng	99
30) 1,2,4-Trichlorobenzene	10.594	180	933198	40.651	ng	94
31) Naphthalene	10.782	128	2284653	40.825	ng	97
32) Benzoic acid	10.036	122	340350	36.854	ng	91
33) 4-Chloroaniline	10.893	127	101447	4.705	ng	98
34) Hexachlorobutadiene	11.064	225	587887	39.312	ng	97
35) Caprolactam	11.663	113	248284m	41.776	ng	
36) 4-Chloro-3-methylphenol	12.016	107	853981	45.556	ng	99
37) 2-Methylnaphthalene	12.392	142	1688022	40.670	ng	96
38) 1-Methylnaphthalene	12.609	142	1672397	40.127	ng	100
40) 1,2,4,5-Tetrachloroben...	12.756	216	1217370	43.788	ng	99
41) Hexachlorocyclopentadiene	12.738	237	1198492	129.842	ng	99
43) 2,4,6-Trichlorophenol	12.997	196	803831	45.433	ng	97

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Manual Integrations APPROVED

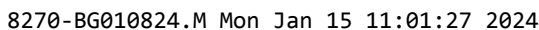
Reviewed By :Jagrut Upadhyay 01/15/2024
 Supervised By :mohammad ahmed 01/16/2024

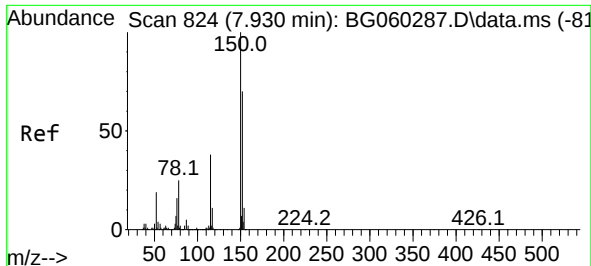
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.073	196	898182	46.026	ng	99
46) 1,1'-Biphenyl	13.402	154	2526797	42.762	ng	99
47) 2-Chloronaphthalene	13.443	162	2085023	41.189	ng	100
48) 2-Nitroaniline	13.649	65	608819	48.294	ng	99
49) Acenaphthylene	14.289	152	3212391	46.083	ng	97
50) Dimethylphthalate	14.019	163	2505364	41.881	ng	99
51) 2,6-Dinitrotoluene	14.142	165	568926	44.570	ng	94
52) Acenaphthene	14.630	154	1831975	42.205	ng	99
53) 3-Nitroaniline	14.472	138	244113	20.988	ng	100
54) 2,4-Dinitrophenol	14.677	184	520062	68.571	ng	97
55) Dibenzofuran	14.965	168	3126627	43.150	ng	97
56) 4-Nitrophenol	14.783	139	821556	95.229	ng	99
57) 2,4-Dinitrotoluene	14.930	165	811469	46.359	ng	97
58) Fluorene	15.617	166	2599433	43.320	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.194	232	803286	48.475	ng	100
60) Diethylphthalate	15.382	149	2449373	42.650	ng	99
61) 4-Chlorophenyl-phenyle...	15.605	204	1406394	42.546	ng	98
62) 4-Nitroaniline	15.641	138	548297	44.292	ng	99
63) Azobenzene	15.899	77	2500744	43.052	ng	99
65) 4,6-Dinitro-2-methylph...	15.694	198	424946	40.784	ng	96
66) n-Nitrosodiphenylamine	15.823	169	2272962	45.451	ng	98
67) 4-Bromophenyl-phenylether	16.504	248	905266	43.743	ng	98
68) Hexachlorobenzene	16.616	284	1050201	42.871	ng	99
69) Atrazine	16.769	200	917534	48.657	ng	99
70) Pentachlorophenol	16.963	266	1222929	92.616	ng	94
71) Phenanthrene	17.356	178	4025843	44.223	ng	98
72) Anthracene	17.450	178	4062057	44.692	ng	98
73) Carbazole	17.721	167	3714755	43.353	ng	99
74) Di-n-butylphthalate	18.273	149	3799517	43.096	ng	98
75) Fluoranthene	19.372	202	4555431	41.662	ng	99
77) Benzidine	19.554	184	530060	13.597	ng	99
78) Pyrene	19.730	202	4732718	41.302	ng	100
80) Butylbenzylphthalate	20.623	149	1859128	47.158	ng	97
81) Benzo(a)anthracene	21.557	228	4770371	42.943	ng	96
82) 3,3'-Dichlorobenzidine	21.475	252	1099362	25.842	ng	99
83) Chrysene	21.622	228	4588761	42.001	ng	99
84) Bis(2-ethylhexyl)phtha...	21.463	149	2707318	45.446	ng	96
85) Di-n-octyl phthalate	22.650	149	4476530	46.371	ng	100
87) Indeno(1,2,3-cd)pyrene	28.349	276	6110053	44.181	ng	# 95
88) Benzo(b)fluoranthene	23.737	252	5186254	44.138	ng	99
89) Benzo(k)fluoranthene	23.802	252	4984097	42.984	ng	98
90) Benzo(a)pyrene	24.595	252	4703854	44.315	ng	99
91) Dibenzo(a,h)anthracene	28.414	278	5064231	44.839	ng	99
92) Benzo(g,h,i)perylene	29.477	276	4584096	39.601	ng	99

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

Manual Integrations APPROVED

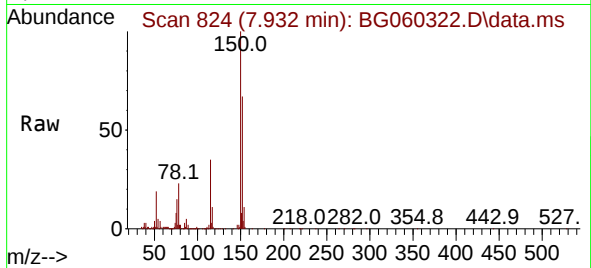
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.932 min Scan# 81
 Delta R.T. 0.002 min
 Lab File: BG060322.D
 Acq: 12 Jan 2024 19:11

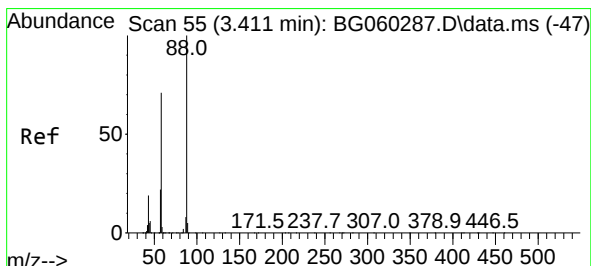
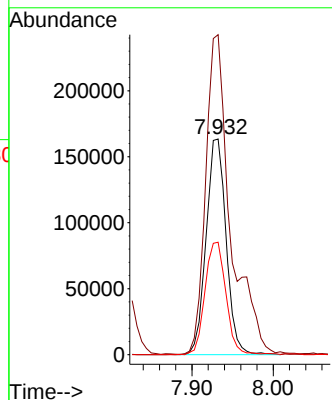
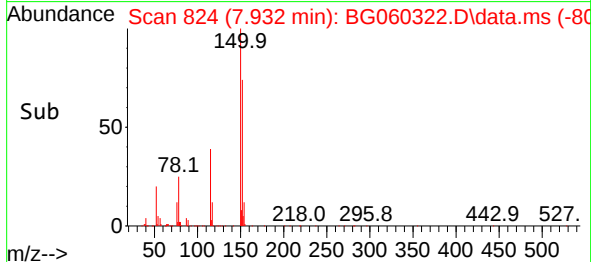
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD



Tgt Ion:152 Resp: 279969
 Ion Ratio Lower Upper
 152 100
 150 148.4 114.5 171.7
 115 52.2 43.0 64.6

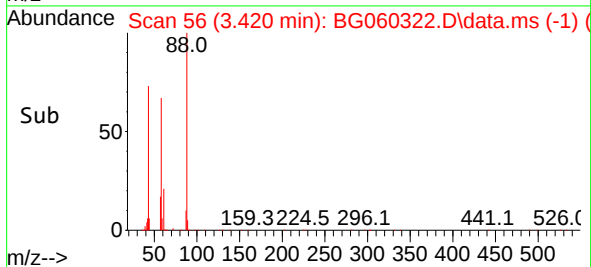
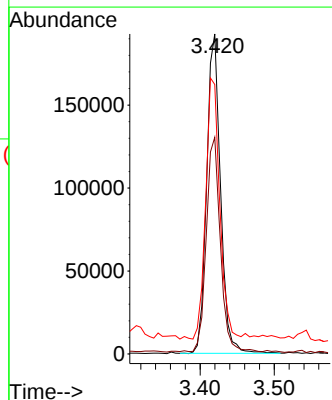
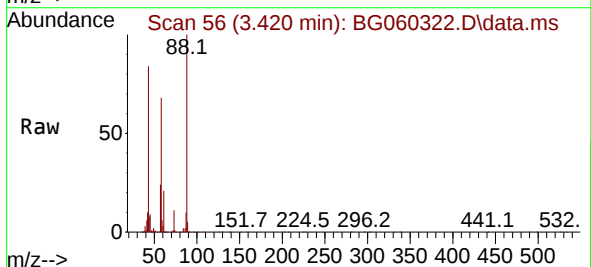
Manual Integrations
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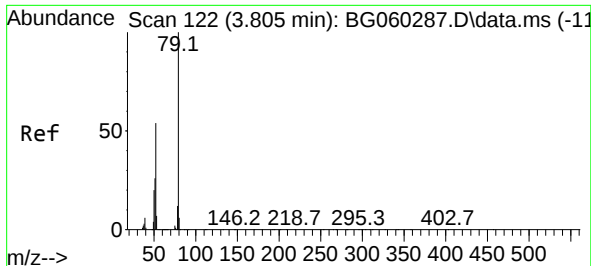
Reviewed By :Jagrut Upadhyay 01/15/2024
 Supervised By :mohammad ahmed 01/16/2024



#2
 1,4-Dioxane
 Concen: 32.172 ng
 RT: 3.420 min Scan# 56
 Delta R.T. 0.008 min
 Lab File: BG060322.D
 Acq: 12 Jan 2024 19:11

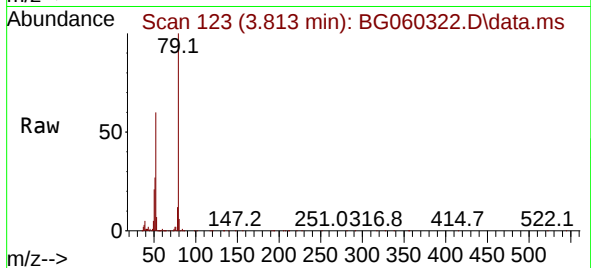
Tgt Ion: 88 Resp: 250149
 Ion Ratio Lower Upper
 88 100
 58 68.7 55.9 83.9
 43 82.0 16.6 24.8





#3
Pyridine
Concen: 24.324 ng
RT: 3.813 min Scan# 11
Delta R.T. 0.008 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

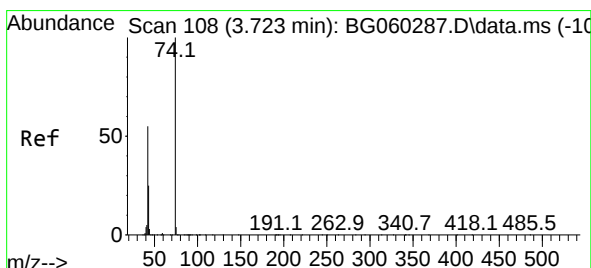
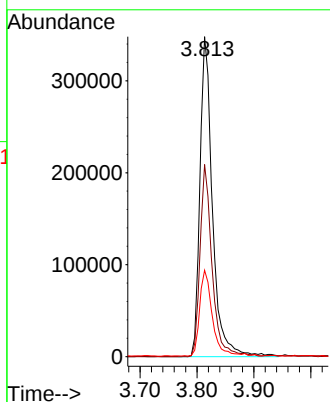
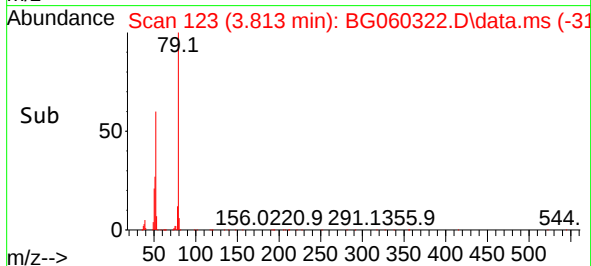
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



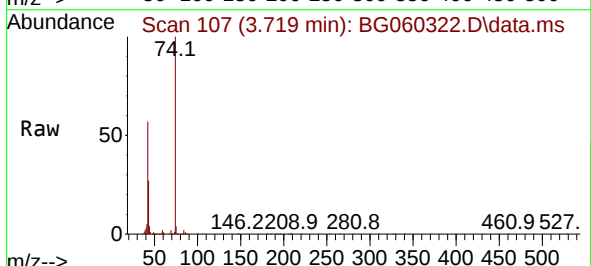
Tgt Ion: 79 Resp: 533612
Ion Ratio Lower Upper
79 100
52 60.0 43.2 64.8
51 27.0 21.4 32.2

Manual Integrations
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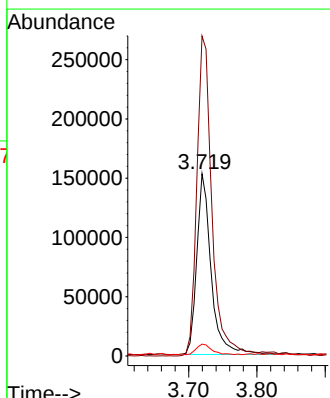
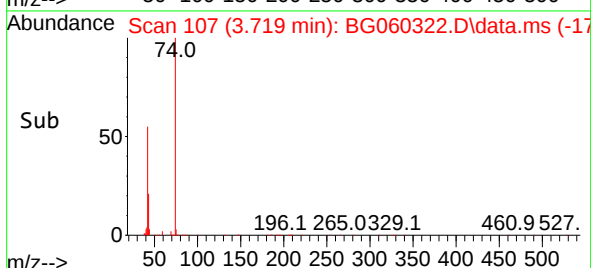
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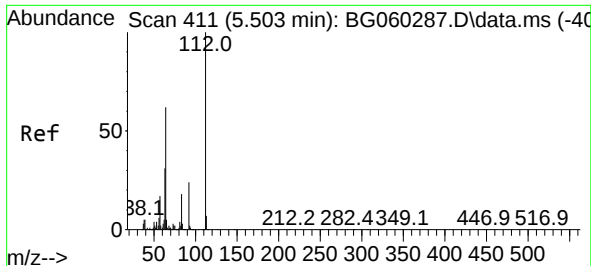


#4
n-Nitrosodimethylamine
Concen: 32.748 ng
RT: 3.719 min Scan# 107
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11



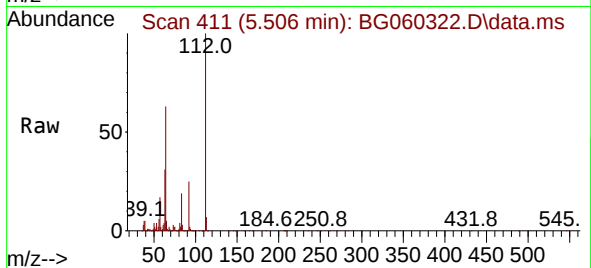
Tgt Ion: 42 Resp: 224835
Ion Ratio Lower Upper
42 100
74 175.6 145.1 217.7
44 6.5 5.2 7.8





#5
2-Fluorophenol
Concen: 112.840 ng
RT: 5.506 min Scan# 411
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

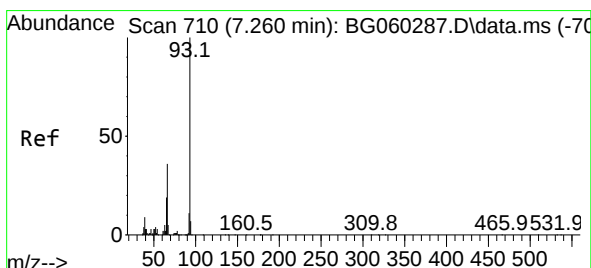
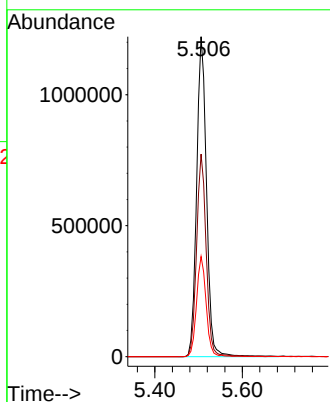
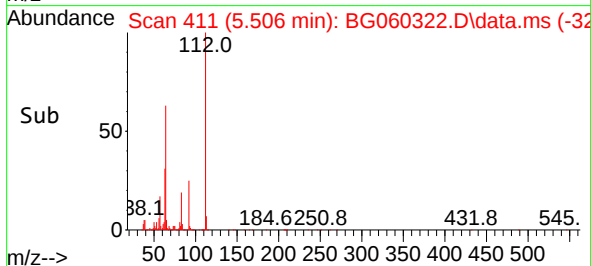
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion: 112 Resp: 192072
Ion Ratio Lower Upper
112 100
64 63.3 49.8 74.6
63 31.3 24.4 36.6

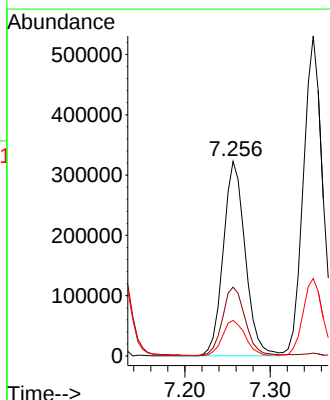
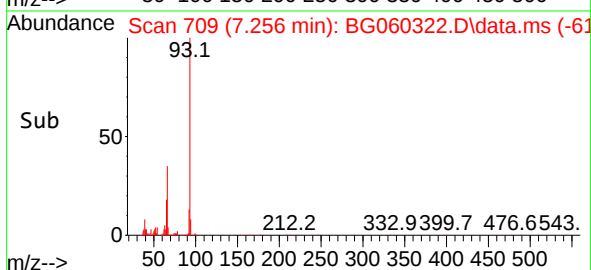
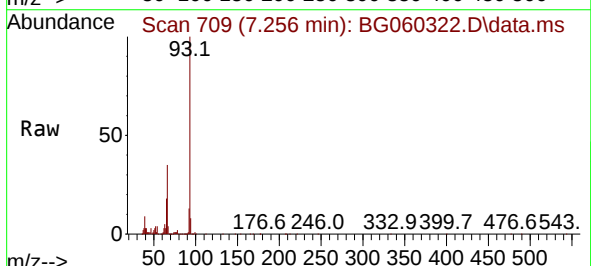
Manual Integrations
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Supervised By :mohammad ahmed 01/16/2024



#6
Aniline
Concen: 22.951 ng
RT: 7.256 min Scan# 709
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

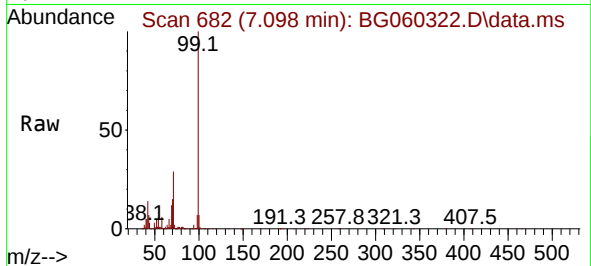
Tgt Ion: 93 Resp: 578211
Ion Ratio Lower Upper
93 100
66 35.4 29.0 43.4
65 18.3 15.1 22.7





#7
Phenol-d6
Concen: 113.666 ng
RT: 7.098 min Scan# 682
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

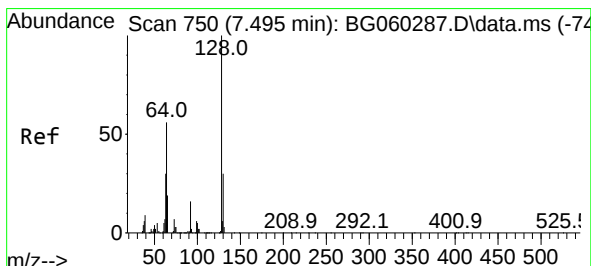
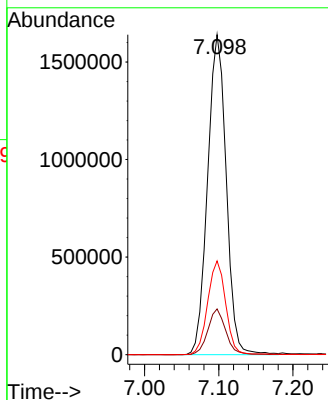
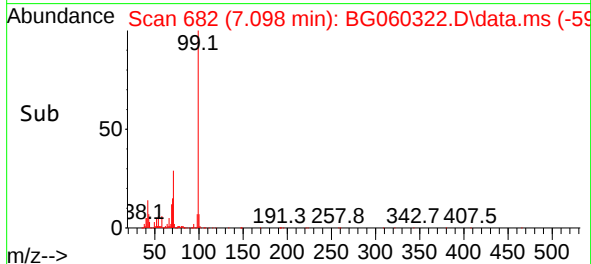
Instrument :
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Tgt Ion: 99 Resp: 286496
Ion Ratio Lower Upper
99 100
42 14.3 10.9 16.3
71 29.3 21.5 32.3

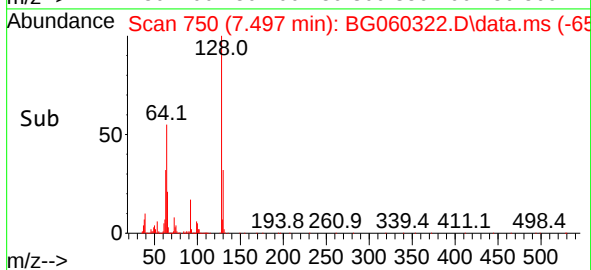
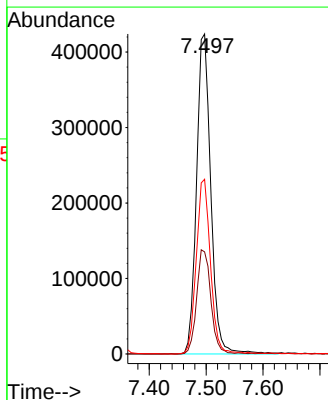
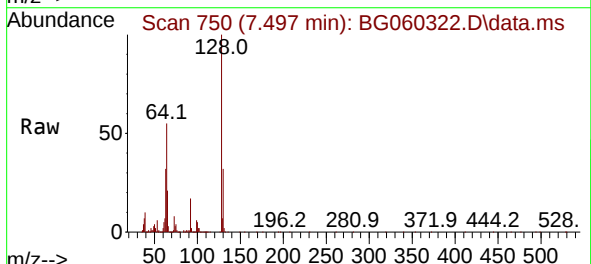
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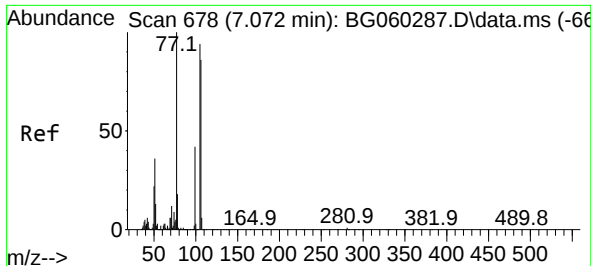
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#8
2-Chlorophenol
Concen: 43.897 ng
RT: 7.497 min Scan# 750
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

Tgt Ion:128 Resp: 740503
Ion Ratio Lower Upper
128 100
130 31.9 9.9 49.9
64 54.6 37.8 77.8





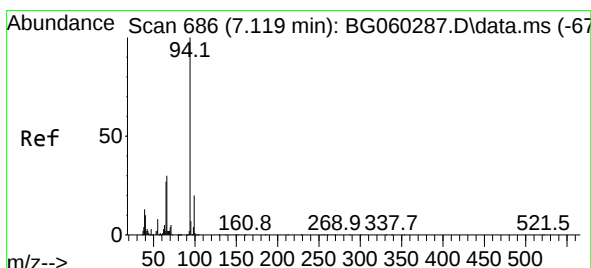
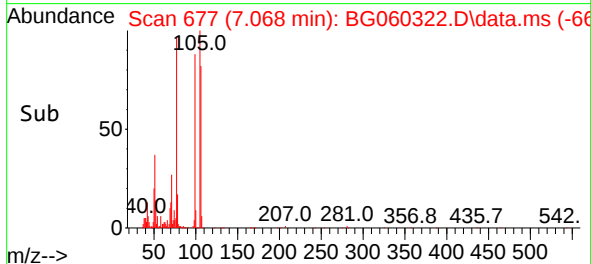
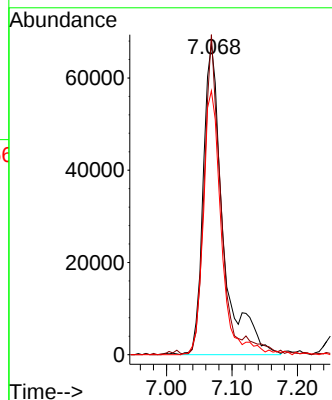
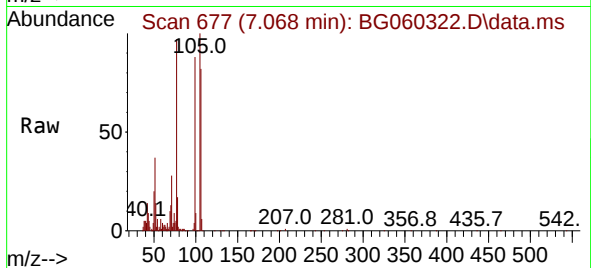
#9
Benzaldehyde
Concen: 9.870 ng m
RT: 7.068 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion: 77 Resp: 14280
Ion Ratio Lower Upper
77 100
105 103.0 73.6 113.6
106 85.0 66.2 106.2

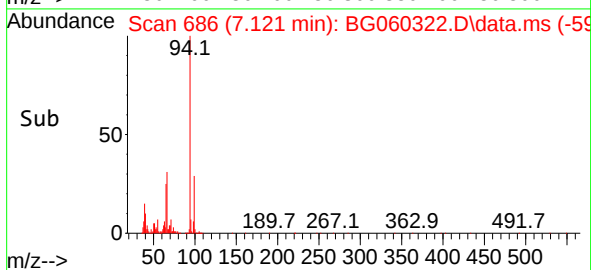
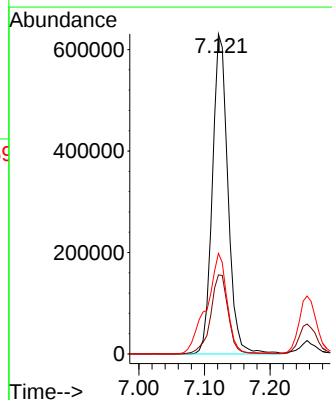
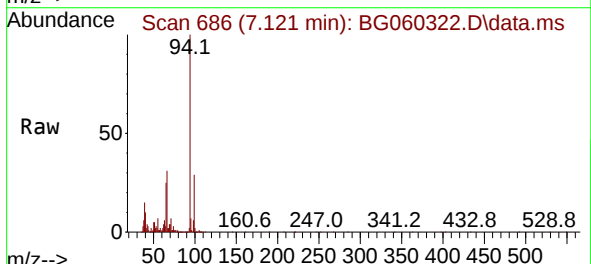
Manual Integrations
APPROVED

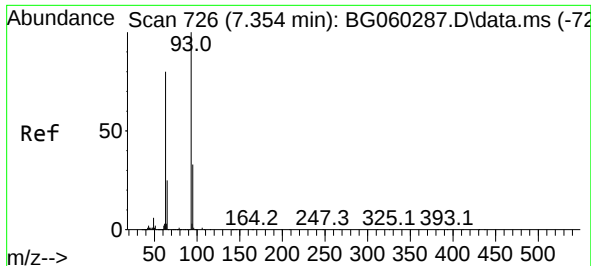
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#10
Phenol
Concen: 41.041 ng
RT: 7.121 min Scan# 686
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

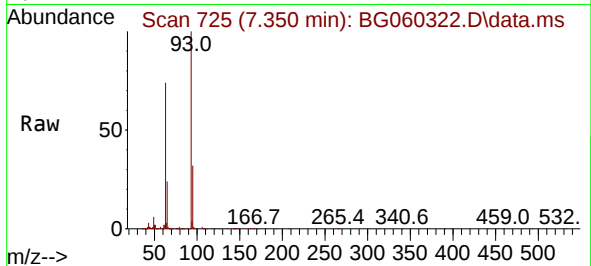
Tgt Ion: 94 Resp: 1037150
Ion Ratio Lower Upper
94 100
65 24.7 6.7 46.7
66 31.5 10.6 50.6





#11
bis(2-Chloroethyl)ether
Concen: 40.271 ng
RT: 7.350 min Scan# 726
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

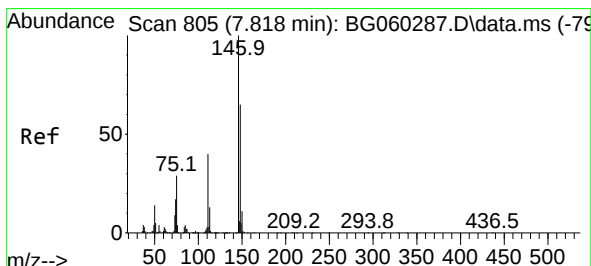
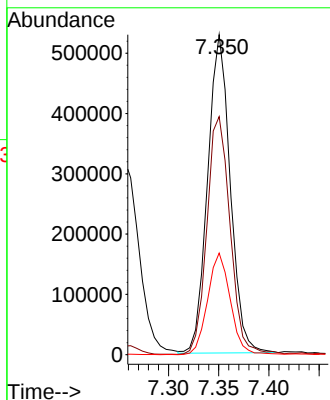
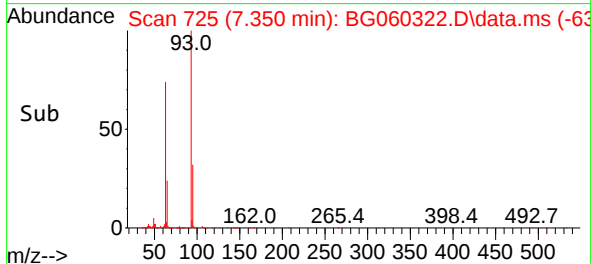
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion: 93 Resp: 82927
Ion Ratio Lower Upper
93 100
63 74.4 59.3 99.3
95 31.7 12.8 52.8

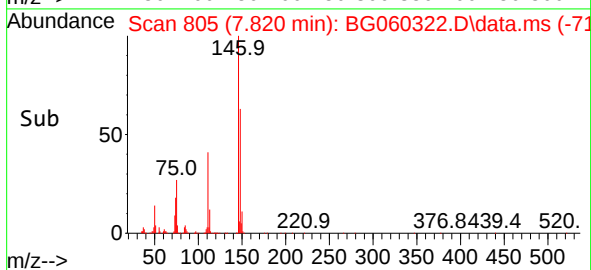
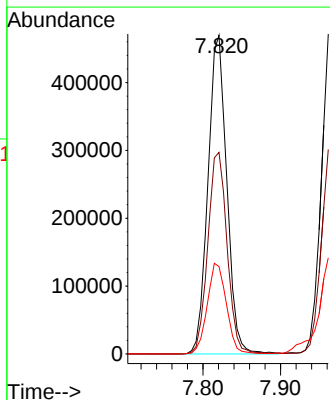
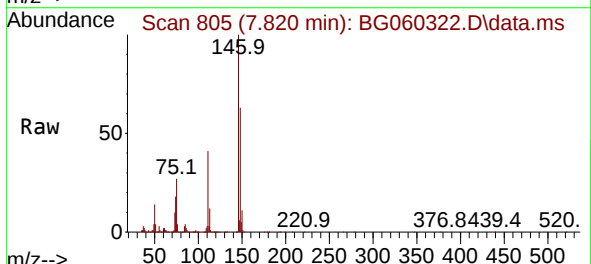
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#12
1,3-Dichlorobenzene
Concen: 37.401 ng
RT: 7.820 min Scan# 805
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

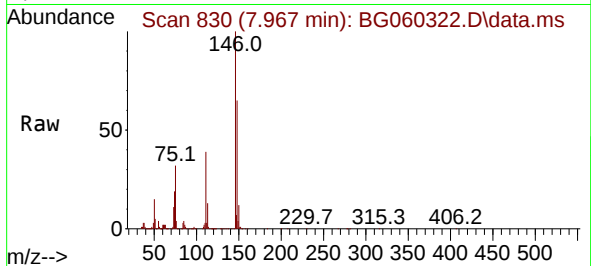
Tgt Ion:146 Resp: 791937
Ion Ratio Lower Upper
146 100
148 63.2 52.3 78.5
75 27.4 22.9 34.3





#13
1,4-Dichlorobenzene
Concen: 38.324 ng
RT: 7.967 min Scan# 811
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

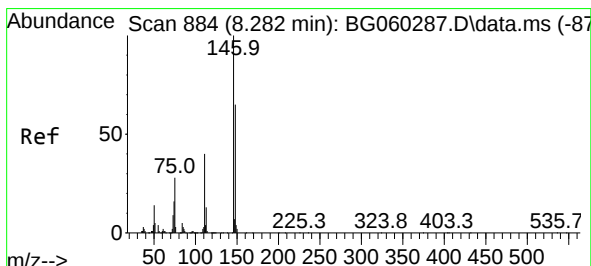
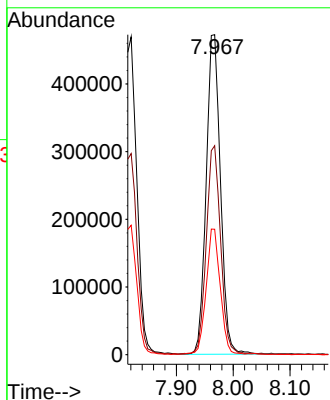
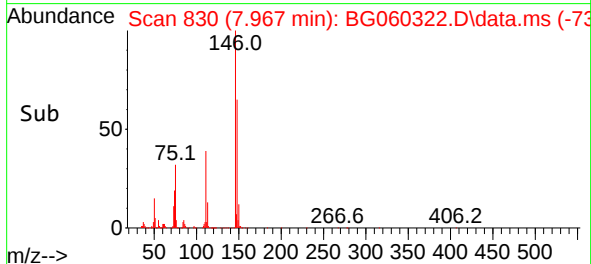
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



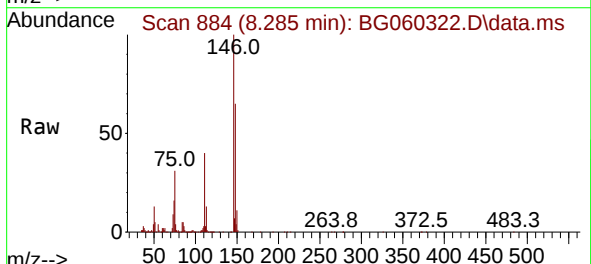
Tgt Ion:146 Resp: 82334
Ion Ratio Lower Upper
146 100
148 65.3 52.7 79.1
111 39.2 31.4 47.0

Manual Integrations
APPROVED

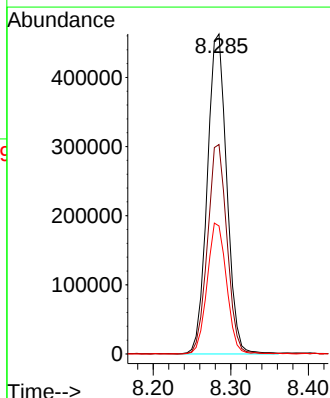
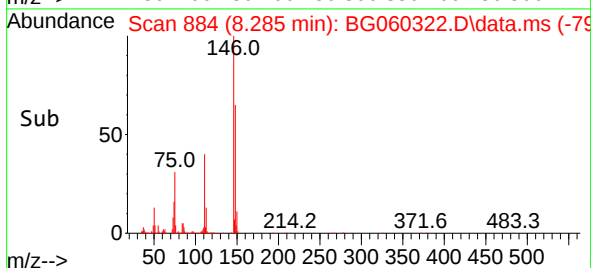
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

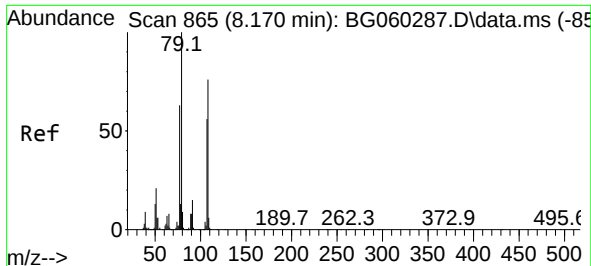


#14
1,2-Dichlorobenzene
Concen: 36.575 ng
RT: 8.285 min Scan# 884
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11



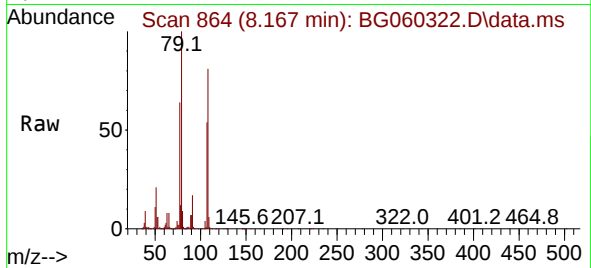
Tgt Ion:146 Resp: 807975
Ion Ratio Lower Upper
146 100
148 65.5 51.8 77.8
111 40.0 32.6 48.8





#15
Benzyl Alcohol
Concen: 44.561 ng m
RT: 8.167 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

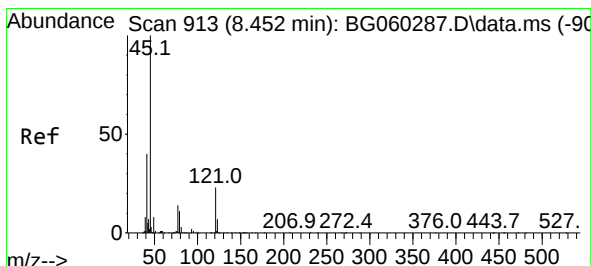
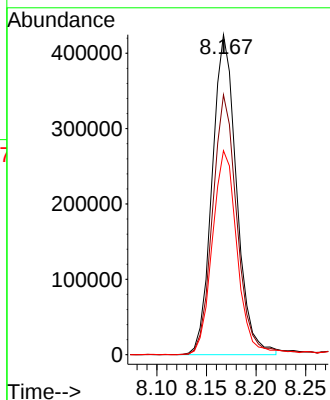
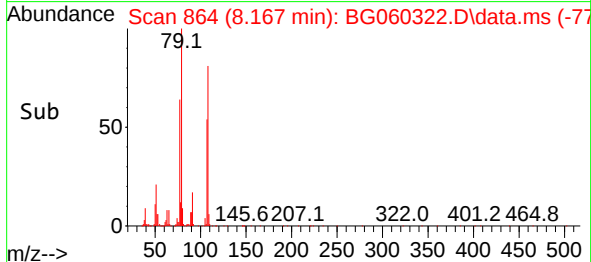
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion: 79 Resp: 727040
Ion Ratio Lower Upper
79 100
108 81.2 61.2 91.8
77 63.7 50.3 75.5

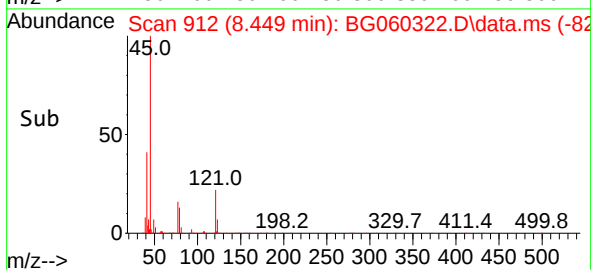
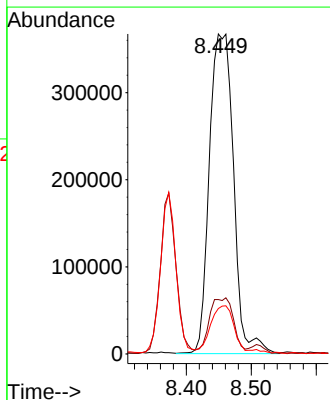
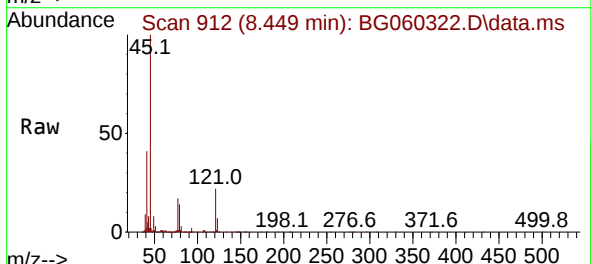
Manual Integrations
APPROVED

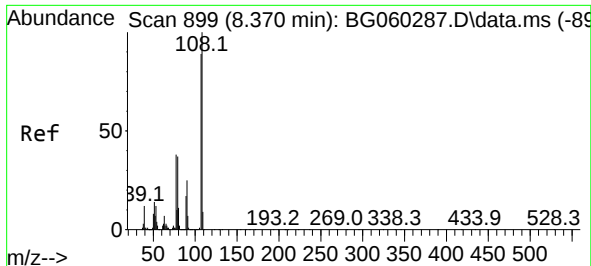
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.968 ng m
RT: 8.449 min Scan# 912
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

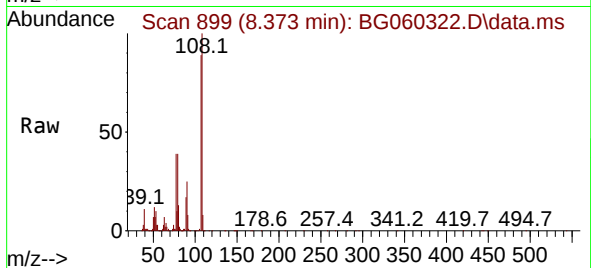
Tgt Ion: 45 Resp: 948959
Ion Ratio Lower Upper
45 100
77 17.0 0.0 37.3
79 14.2 0.0 34.0





#17
2-Methylphenol
Concen: 41.258 ng
RT: 8.373 min Scan# 899
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

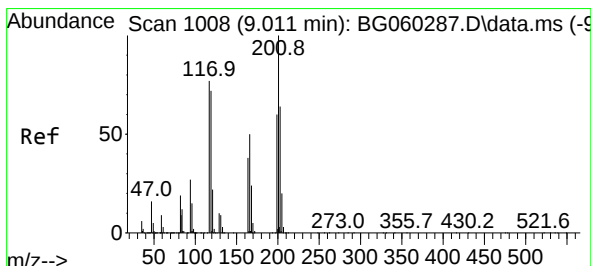
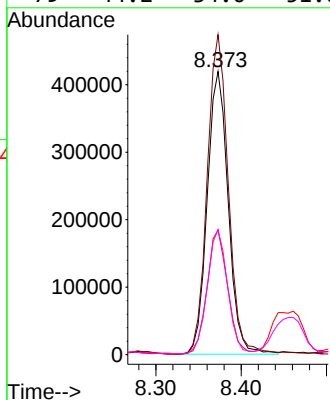
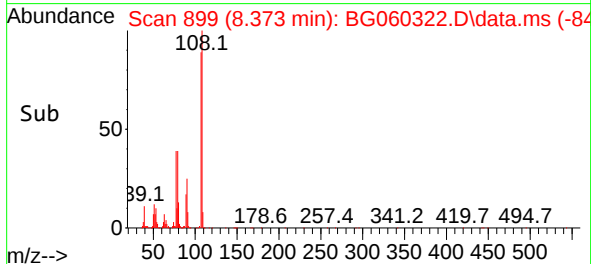
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:107 Resp: 71613
Ion Ratio Lower Upper
107 100
108 113.0 90.5 135.7
77 44.0 35.0 52.6
79 44.2 34.0 51.0

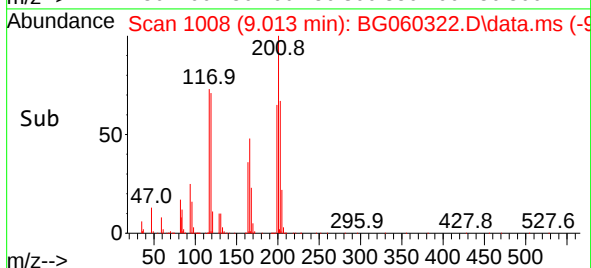
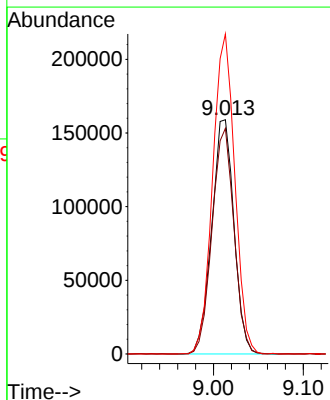
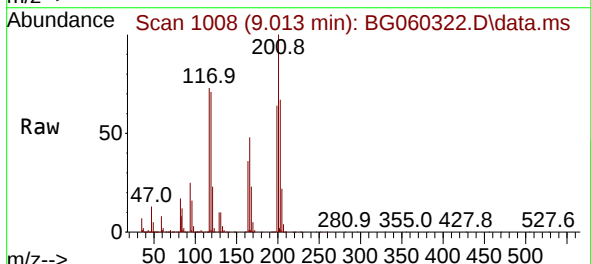
Manual Integrations
APPROVED

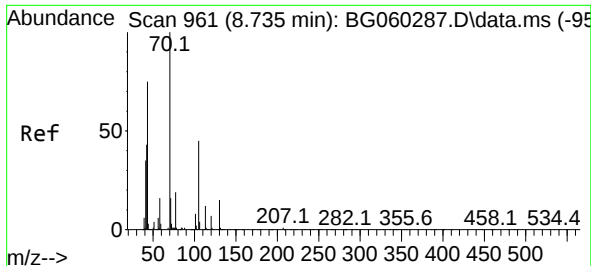
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#18
Hexachloroethane
Concen: 36.258 ng
RT: 9.013 min Scan# 1008
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

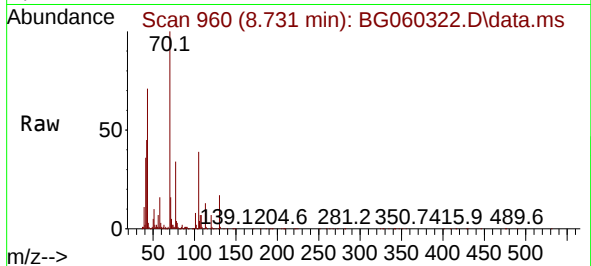
Tgt Ion:117 Resp: 273111
Ion Ratio Lower Upper
117 100
119 96.3 74.5 111.7
201 136.6 106.3 159.5





#19
n-Nitroso-di-n-propylamine
Concen: 39.178 ng
RT: 8.731 min Scan# 961
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

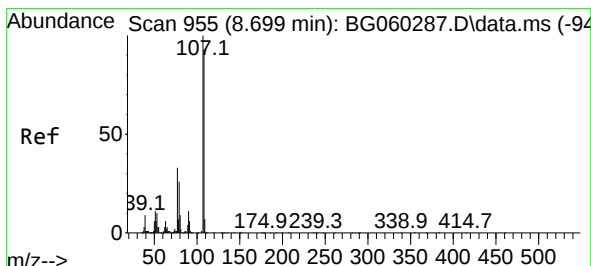
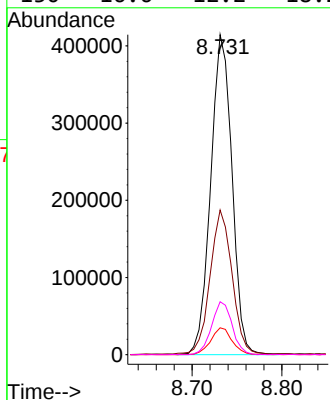
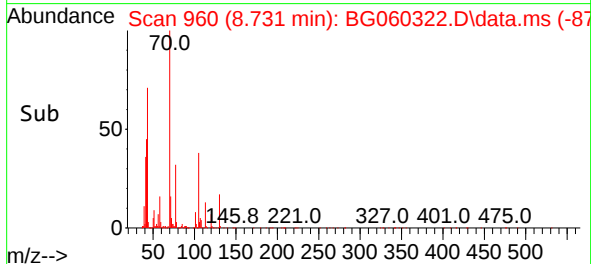
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



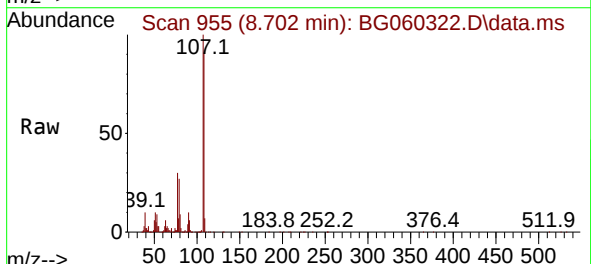
Tgt Ion: 70 Resp: 683448
Ion Ratio Lower Upper
70 100
42 45.2 34.3 51.5
101 8.4 6.2 9.2
130 16.6 12.2 18.2

Manual Integrations
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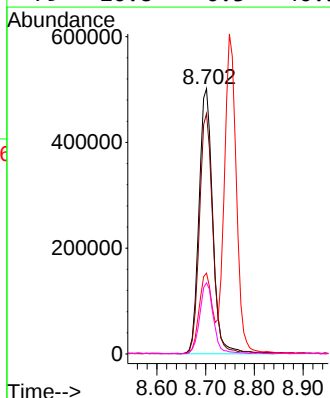
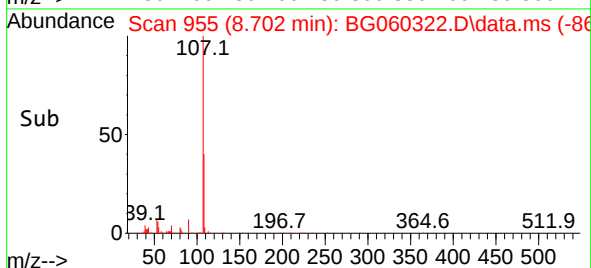
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#20
3+4-Methylphenols
Concen: 41.814 ng
RT: 8.702 min Scan# 955
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11



Tgt Ion:107 Resp: 978581
Ion Ratio Lower Upper
107 100
108 90.6 72.5 112.5
77 30.5 13.0 53.0
79 26.8 6.3 46.3





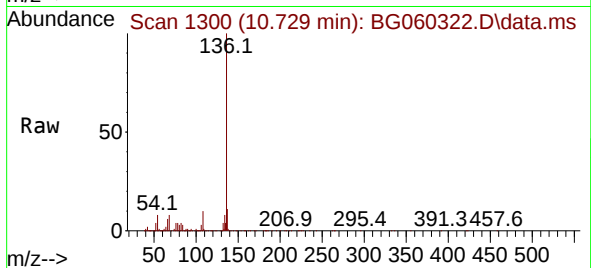
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.729 min Scan# 111
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

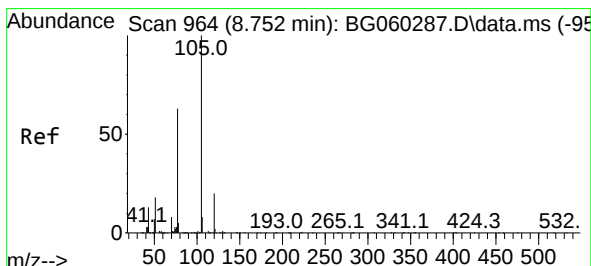
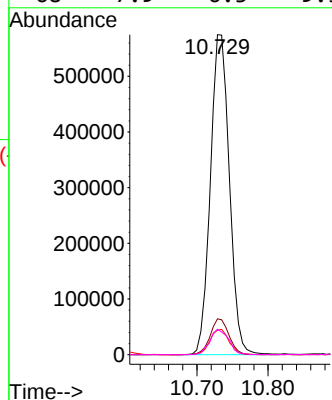


Tgt Ion:136 Resp: 106759
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.4
54 7.6 6.2 9.2
68 7.9 6.3 9.5

Manual Integrations

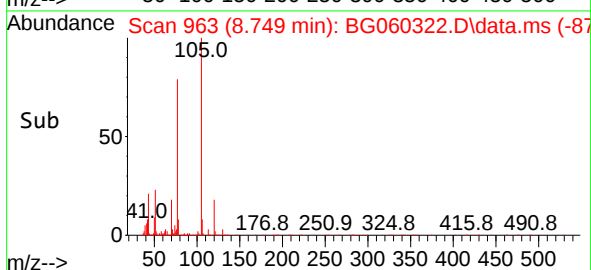
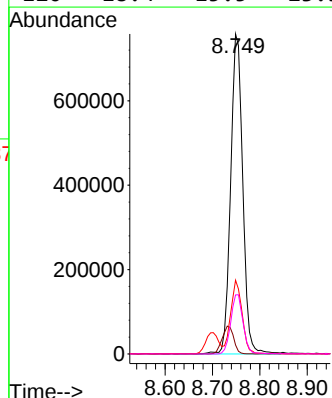
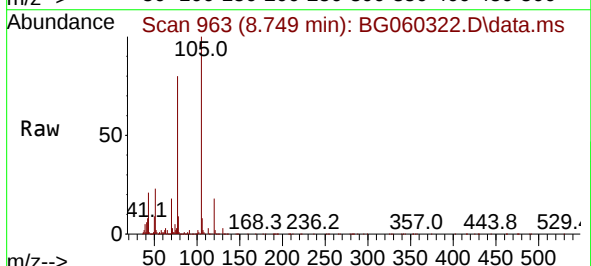
APPROVED

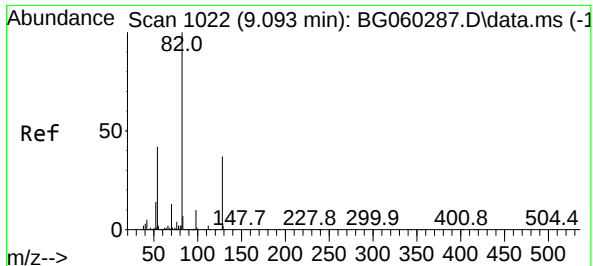
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#22
Acetophenone
Concen: 45.837 ng
RT: 8.749 min Scan# 963
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

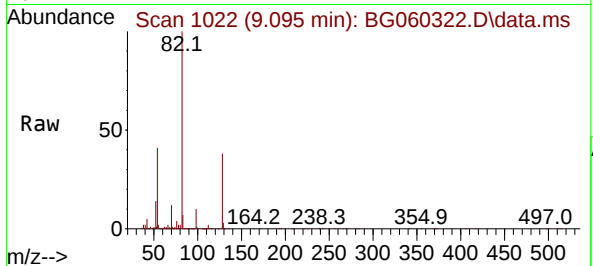
Tgt Ion:105 Resp: 1345149
Ion Ratio Lower Upper
105 100
71 2.8 1.7 2.5#
51 23.0 18.2 27.2
120 18.4 15.5 23.3





#23
Nitrobenzene-d5
Concen: 88.220 ng
RT: 9.095 min Scan# 1022
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

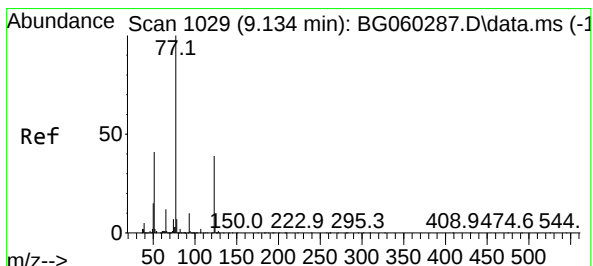
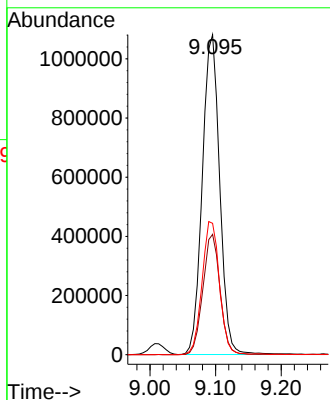
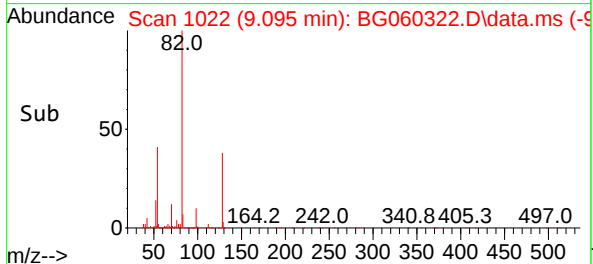
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion: 82 Resp: 199454
Ion Ratio Lower Upper
82 100
128 37.6 29.6 44.4
54 41.1 33.6 50.4

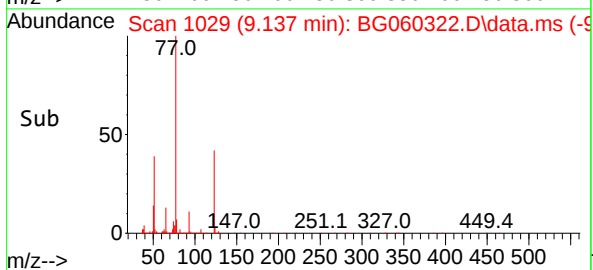
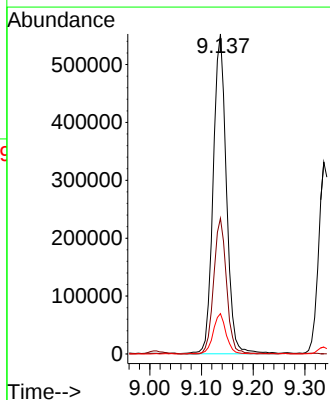
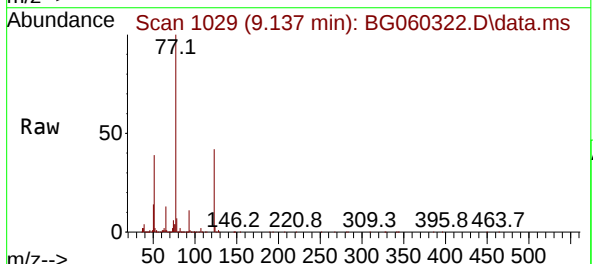
Manual Integrations
APPROVED

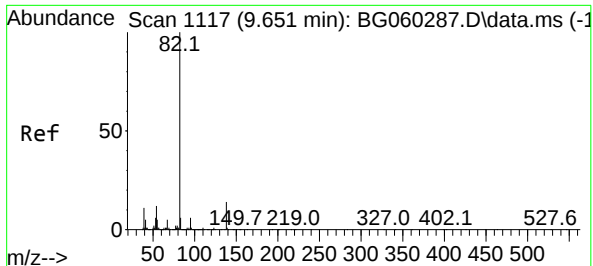
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#24
Nitrobenzene
Concen: 41.932 ng
RT: 9.137 min Scan# 1029
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

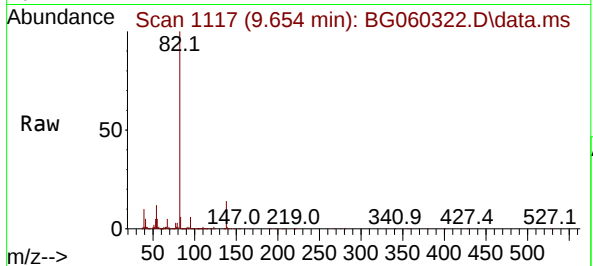
Tgt Ion: 77 Resp: 982764
Ion Ratio Lower Upper
77 100
123 42.4 31.4 47.0
65 12.6 9.6 14.4





#25
Isophorone
Concen: 41.248 ng
RT: 9.654 min Scan# 1117
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

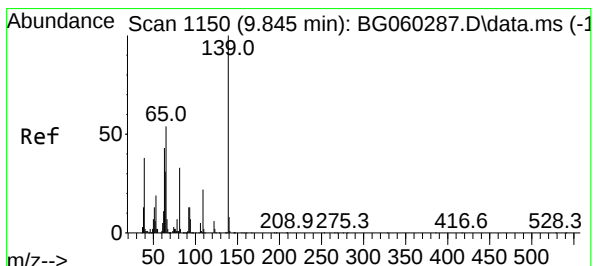
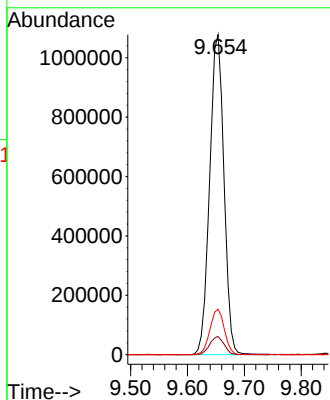
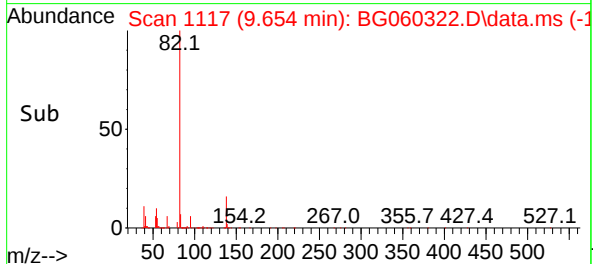
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion: 82 Resp: 1872828
Ion Ratio Lower Upper
82 100
95 5.7 4.7 7.1
138 14.2 11.1 16.7

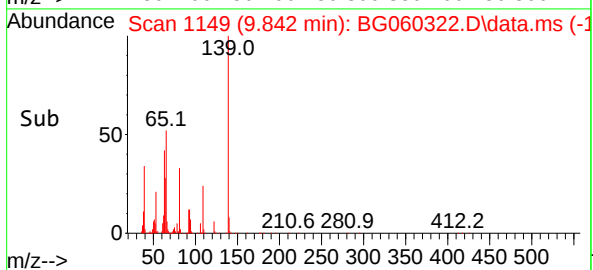
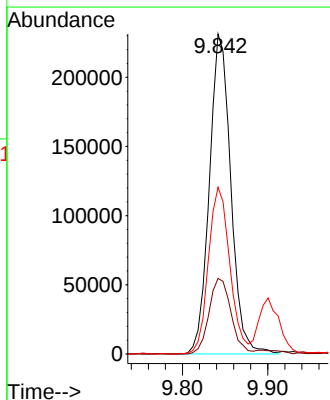
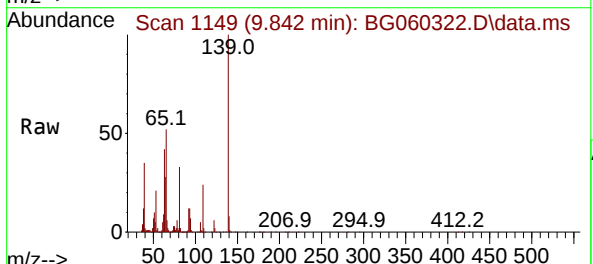
Manual Integrations
APPROVED

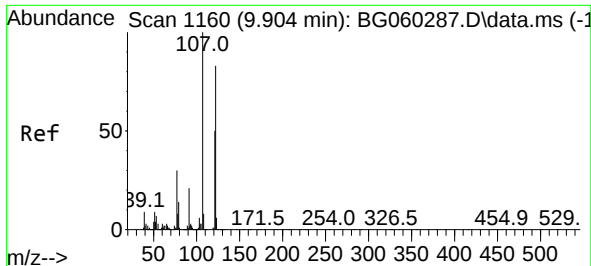
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#26
2-Nitrophenol
Concen: 46.993 ng
RT: 9.842 min Scan# 1149
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

Tgt Ion:139 Resp: 404958
Ion Ratio Lower Upper
139 100
109 23.6 17.6 26.4
65 52.1 43.6 65.4





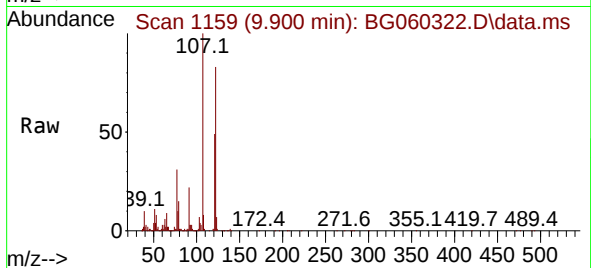
#27
2,4-Dimethylphenol
Concen: 56.055 ng
RT: 9.900 min Scan# 1159
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

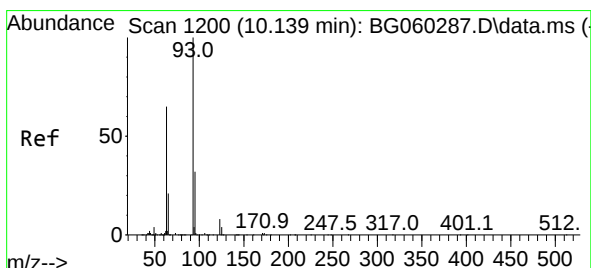
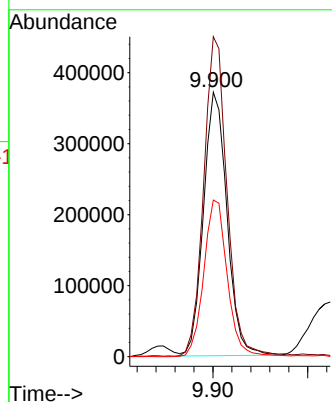
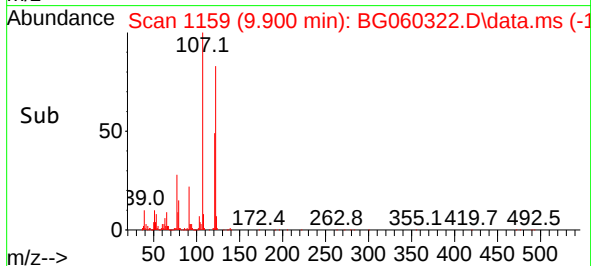


Tgt Ion:122 Resp: 63828
Ion Ratio Lower Upper
122 100
107 121.0 95.4 143.0
121 59.2 47.7 71.5

Manual Integrations

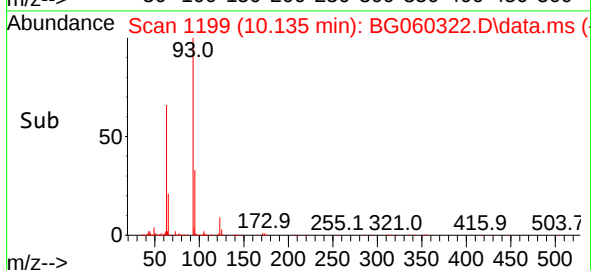
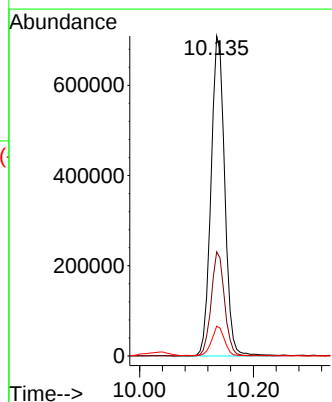
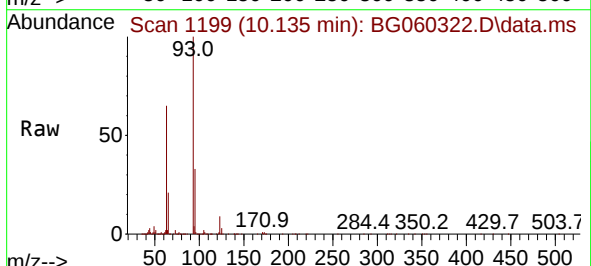
APPROVED

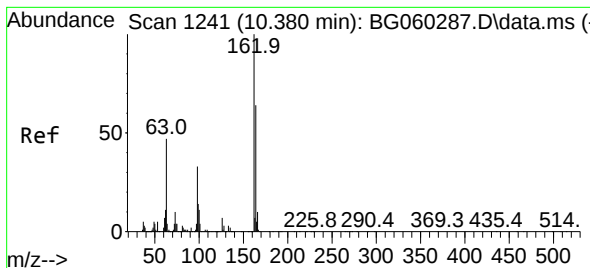
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#28
bis(2-Chloroethoxy)methane
Concen: 42.655 ng
RT: 10.135 min Scan# 1199
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

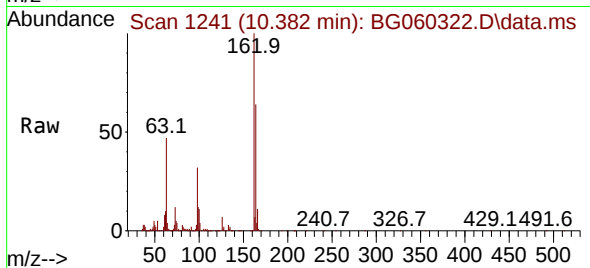
Tgt Ion: 93 Resp: 1183316
Ion Ratio Lower Upper
93 100
95 32.5 25.4 38.0
123 9.3 6.7 10.1





#29
2,4-Dichlorophenol
Concen: 47.081 ng
RT: 10.382 min Scan# 1241
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

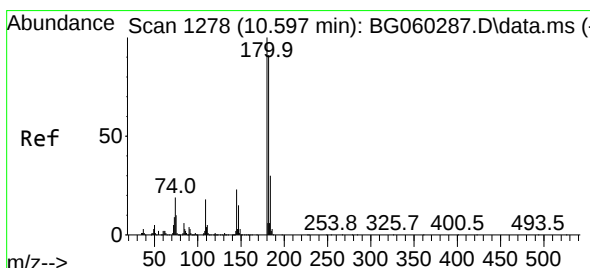
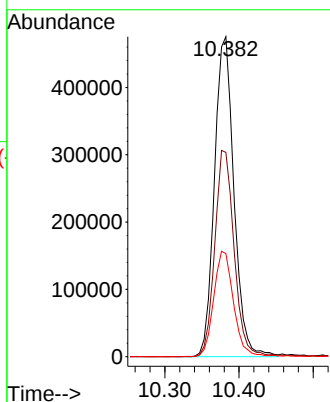
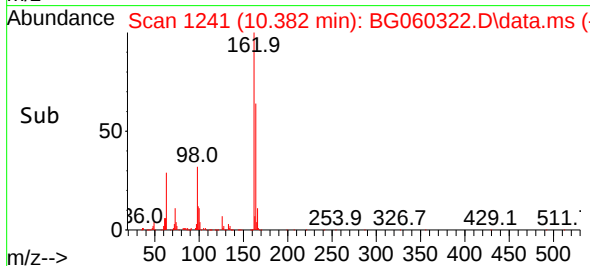
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:162 Resp: 868744
Ion Ratio Lower Upper
162 100
164 63.9 44.3 84.3
98 32.2 13.4 53.4

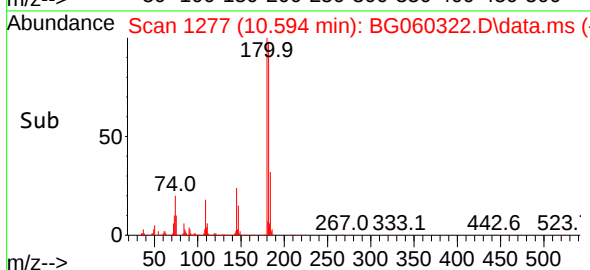
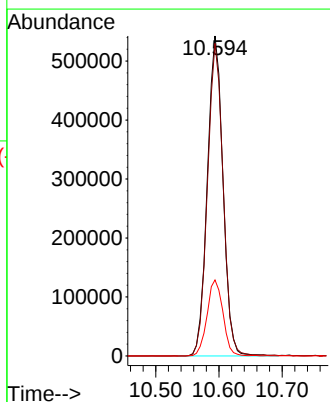
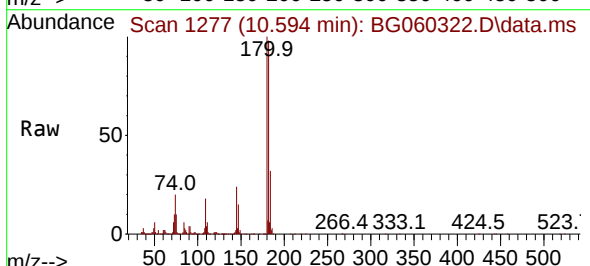
Manual Integrations
APPROVED

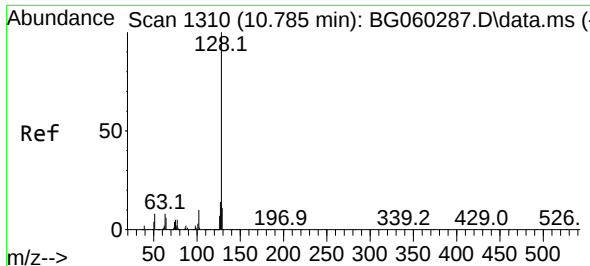
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#30
1,2,4-Trichlorobenzene
Concen: 40.651 ng
RT: 10.594 min Scan# 1277
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

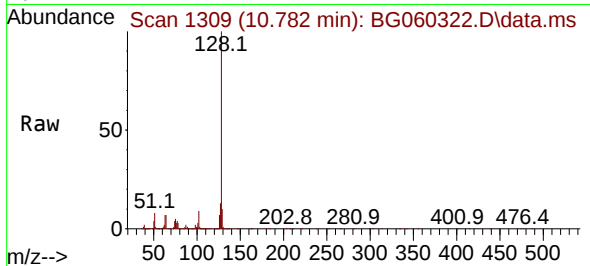
Tgt Ion:180 Resp: 933198
Ion Ratio Lower Upper
180 100
182 97.7 72.7 109.1
145 23.7 18.2 27.2





#31
Naphthalene
Concen: 40.825 ng
RT: 10.782 min Scan# 1182
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

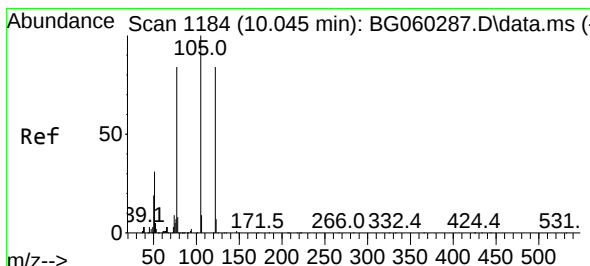
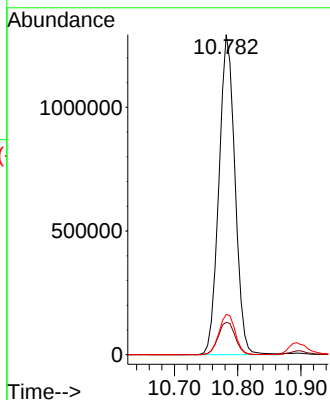
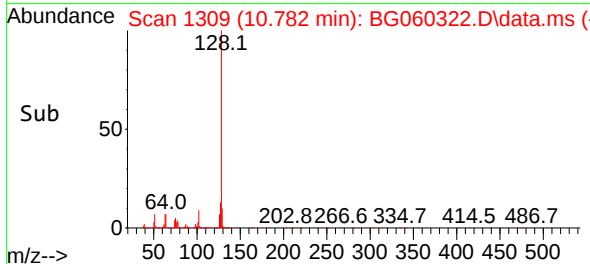
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:128 Resp: 228465
Ion Ratio Lower Upper
128 100
129 10.1 8.9 13.3
127 12.5 10.9 16.3

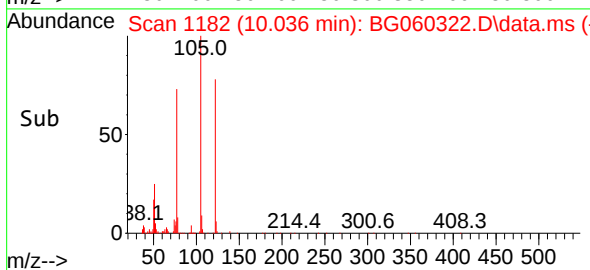
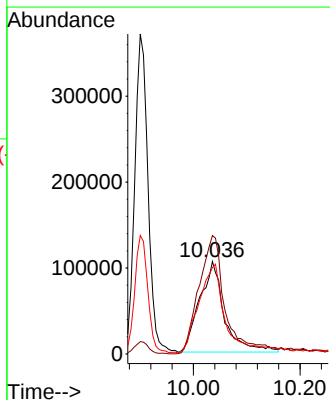
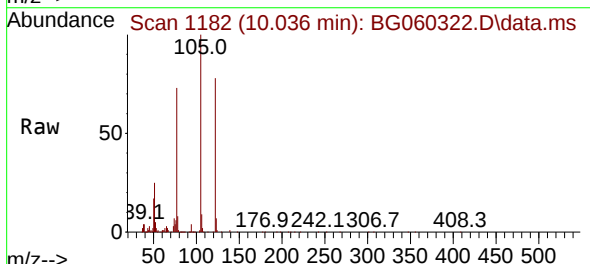
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#32
Benzoic acid
Concen: 36.854 ng
RT: 10.036 min Scan# 1182
Delta R.T. -0.009 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

Tgt Ion:122 Resp: 340350
Ion Ratio Lower Upper
122 100
105 128.0 96.0 136.0
77 93.5 80.1 120.1





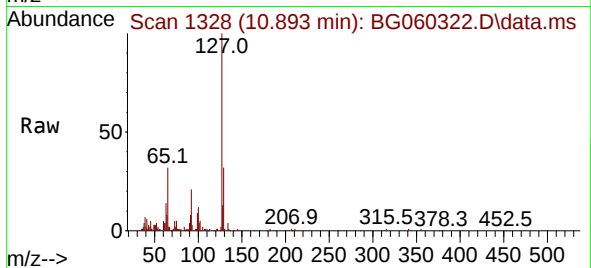
#33
4-Chloroaniline
Concen: 4.705 ng
RT: 10.893 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

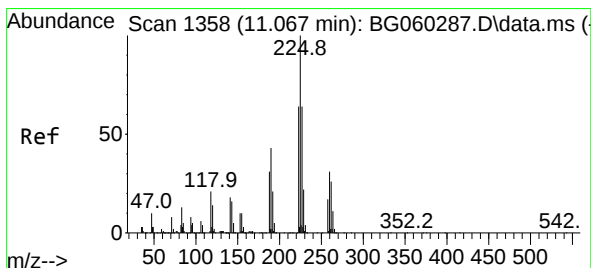
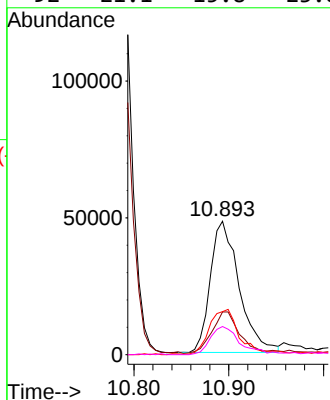
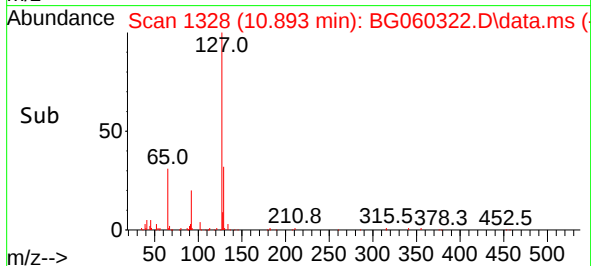


Tgt Ion:127 Resp: 10144
Ion Ratio Lower Upper
127 100
129 32.0 25.5 38.3
65 32.3 27.5 41.3
92 21.1 15.8 23.8

Manual Integrations

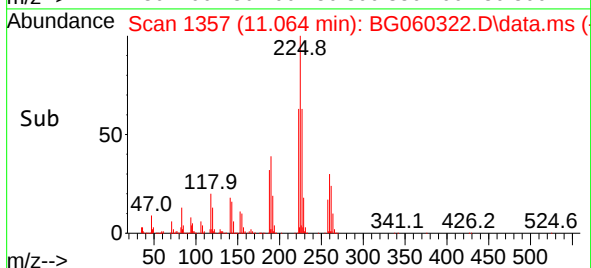
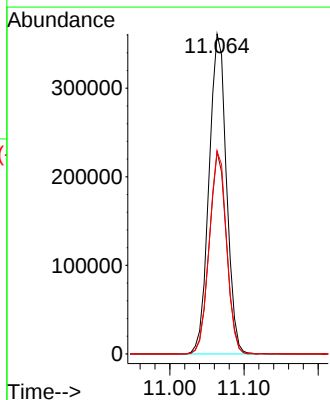
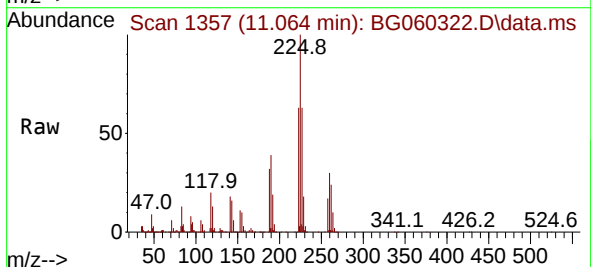
APPROVED

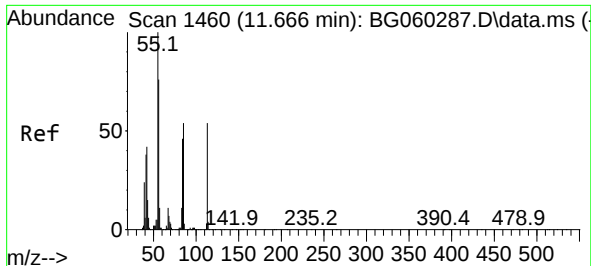
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#34
Hexachlorobutadiene
Concen: 39.312 ng
RT: 11.064 min Scan# 1357
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

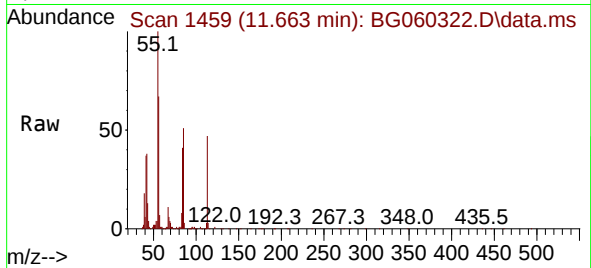
Tgt Ion:225 Resp: 587887
Ion Ratio Lower Upper
225 100
223 63.3 48.7 73.1
227 63.3 48.7 73.1





#35
Caprolactam
Concen: 41.776 ng m
RT: 11.663 min Scan# 14
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

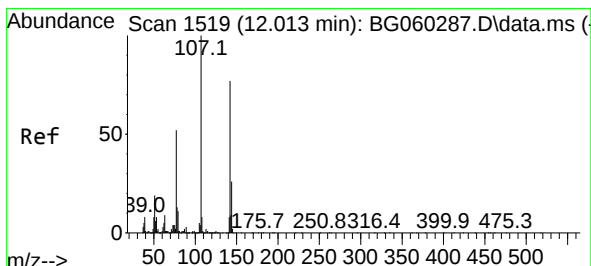
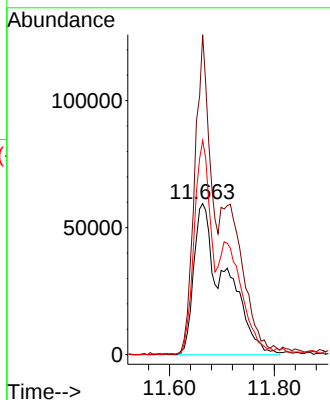
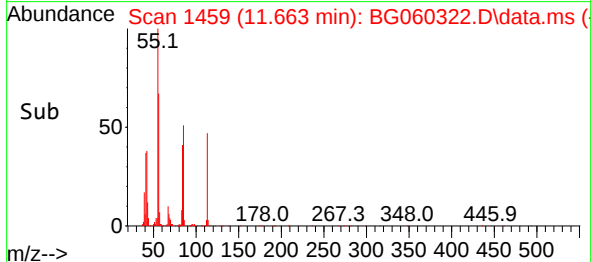
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:113 Resp: 248284
Ion Ratio Lower Upper
113 100
55 211.8 166.4 206.4
56 141.8 121.0 161.0

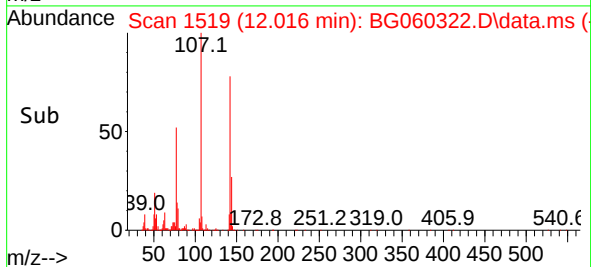
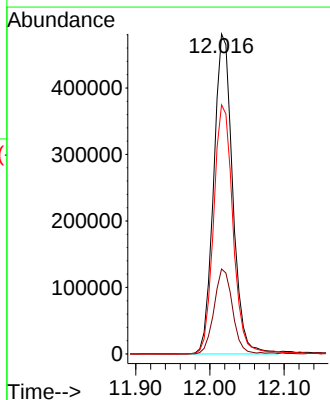
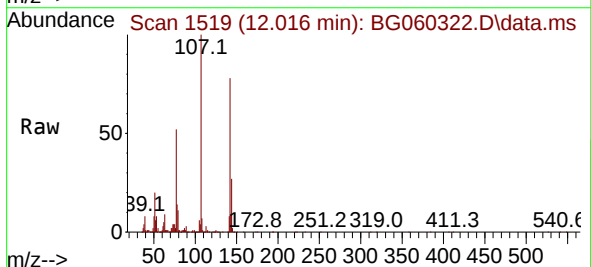
Manual Integrations
APPROVED

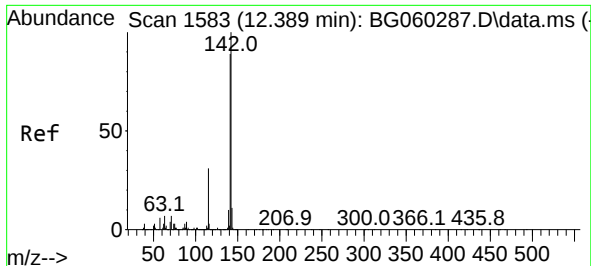
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#36
4-Chloro-3-methylphenol
Concen: 45.556 ng
RT: 12.016 min Scan# 1519
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

Tgt Ion:107 Resp: 853981
Ion Ratio Lower Upper
107 100
144 26.6 20.6 31.0
142 77.8 61.5 92.3





#37

2-Methylnaphthalene

Concen: 40.670 ng

RT: 12.392 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG060322.D

Acq: 12 Jan 2024 19:11

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:142 Resp: 168802

Ion Ratio Lower Upper

142 100

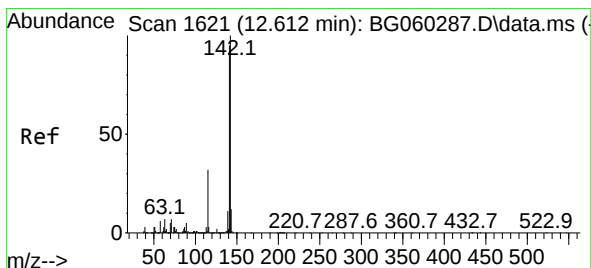
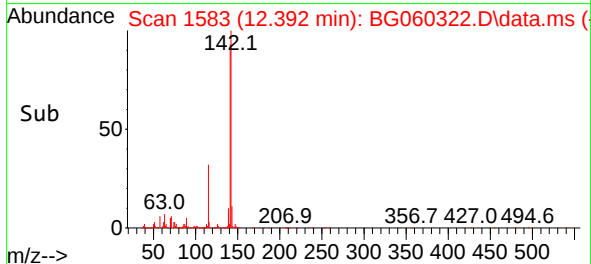
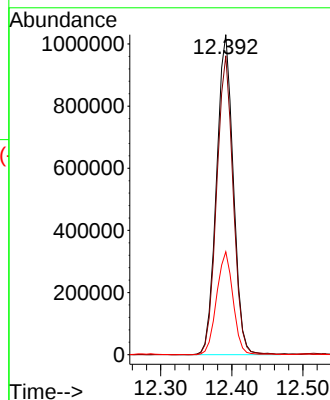
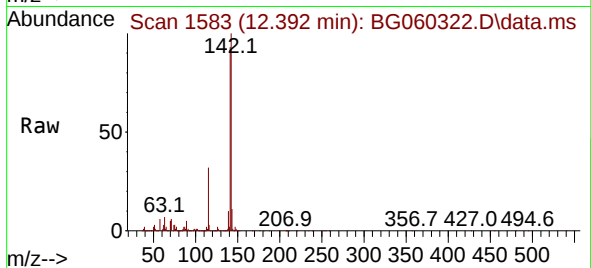
141 93.4 71.0 106.4

115 32.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#38

1-Methylnaphthalene

Concen: 40.127 ng

RT: 12.609 min Scan# 1620

Delta R.T. -0.003 min

Lab File: BG060322.D

Acq: 12 Jan 2024 19:11

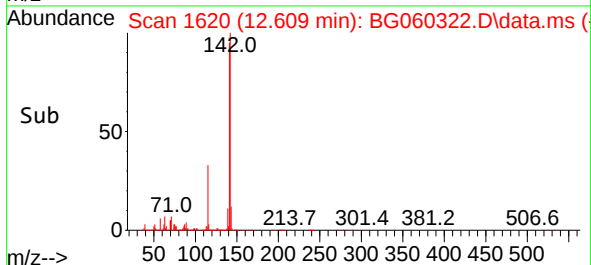
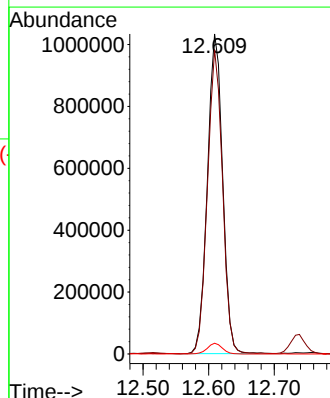
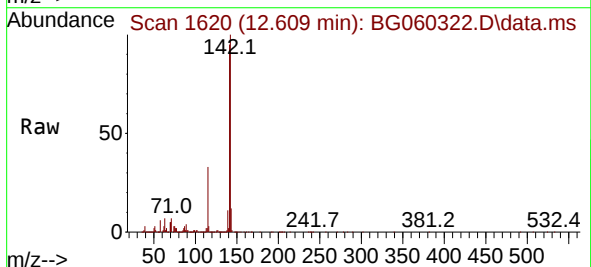
Tgt Ion:142 Resp: 1672397

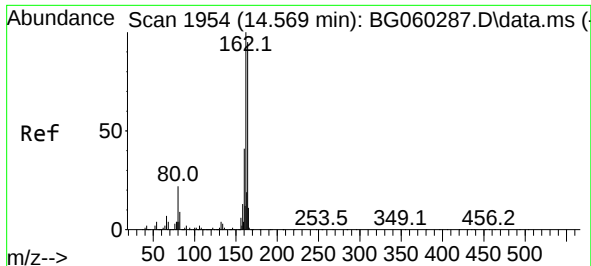
Ion Ratio Lower Upper

142 100

141 95.0 76.2 114.2

116 3.3 2.6 3.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.566 min Scan# 1953
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

Instrument :

BNA_G

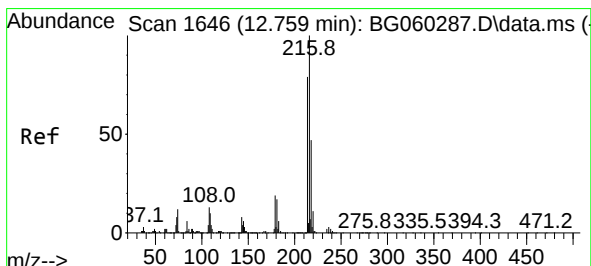
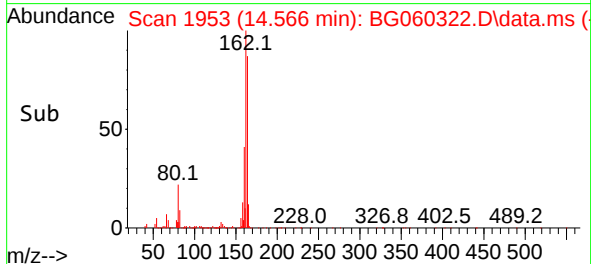
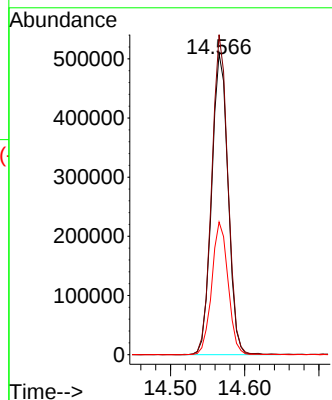
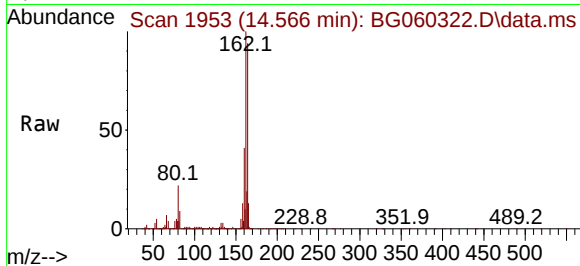
ClientSampleId :

TP-1MSD

Tgt Ion:164 Resp: 782809
Ion Ratio Lower Upper
164 100
162 106.3 84.4 126.6
160 44.1 34.6 52.0

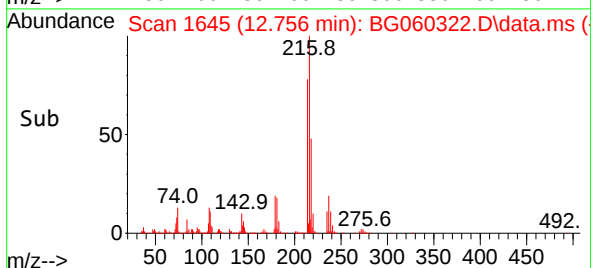
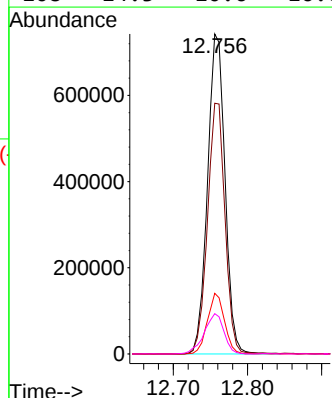
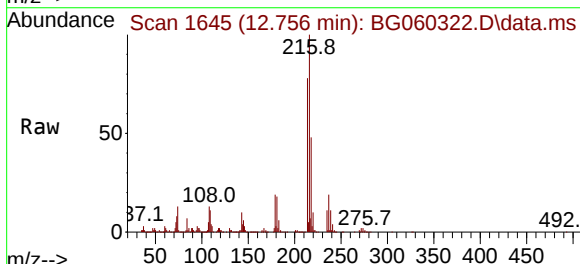
Manual Integrations
APPROVED

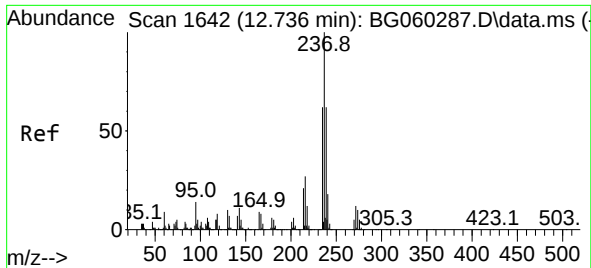
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.788 ng
RT: 12.756 min Scan# 1645
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

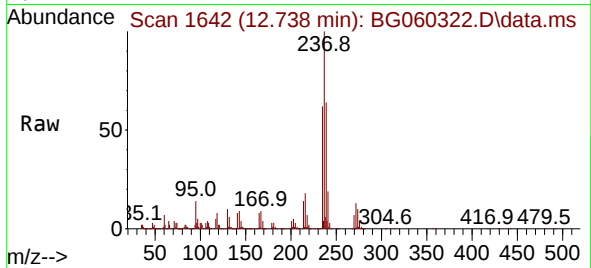
Tgt Ion:216 Resp: 1217370
Ion Ratio Lower Upper
216 100
214 78.5 62.6 93.8
179 18.4 14.8 22.2
108 14.3 10.6 16.0





#41
Hexachlorocyclopentadiene
Concen: 129.842 ng
RT: 12.738 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

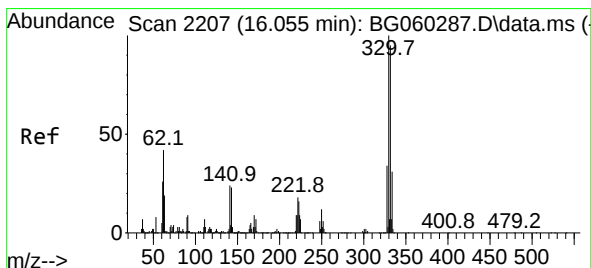
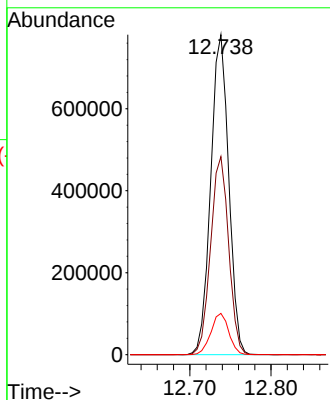
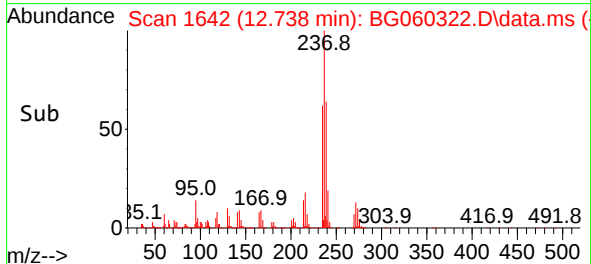
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:237 Resp: 1198492
Ion Ratio Lower Upper
237 100
235 61.9 41.6 81.6
272 12.9 0.0 31.8

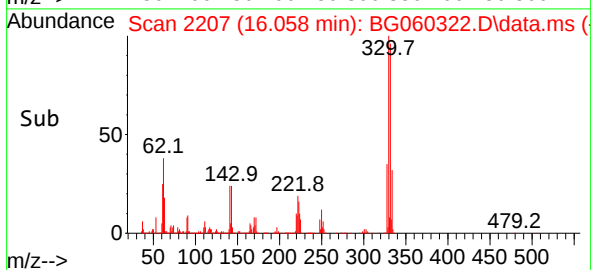
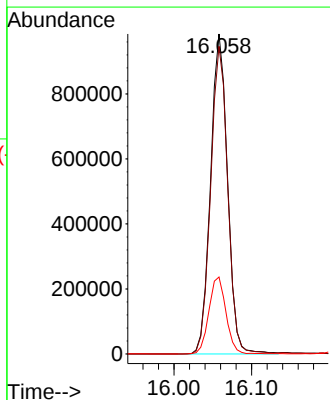
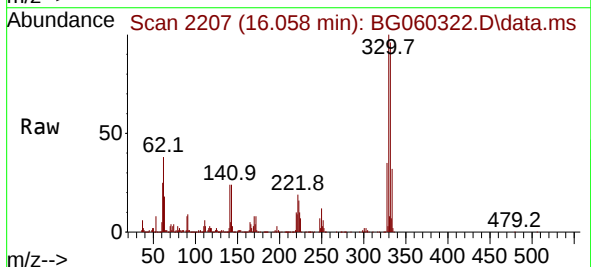
Manual Integrations
APPROVED

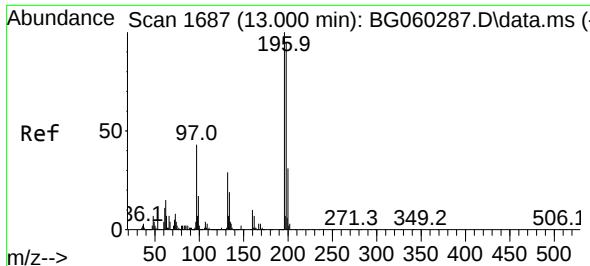
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#42
2,4,6-Tribromophenol
Concen: 130.626 ng
RT: 16.058 min Scan# 2207
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

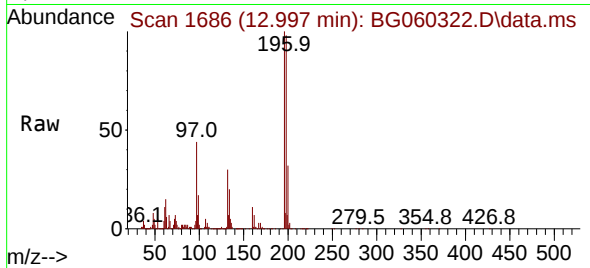
Tgt Ion:330 Resp: 1504467
Ion Ratio Lower Upper
330 100
332 96.3 76.7 115.1
141 24.2 18.6 28.0





#43
2,4,6-Trichlorophenol
Concen: 45.433 ng
RT: 12.997 min Scan# 1686
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

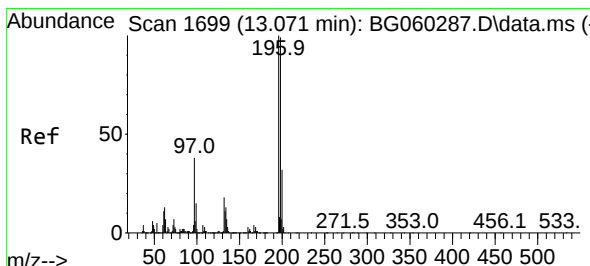
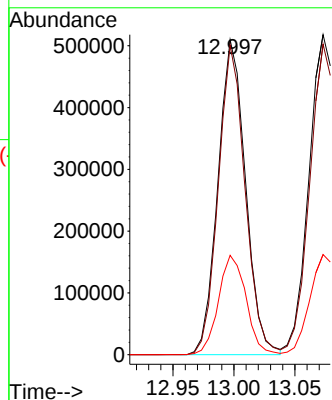
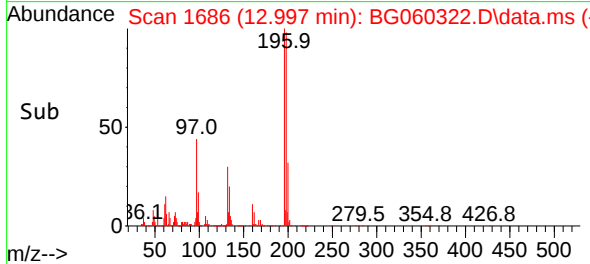
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:196 Resp: 80383
Ion Ratio Lower Upper
196 100
198 98.3 75.7 113.5
200 31.6 24.7 37.1

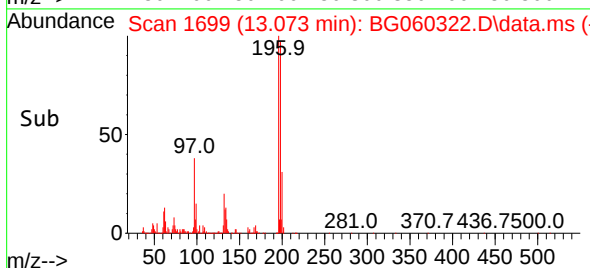
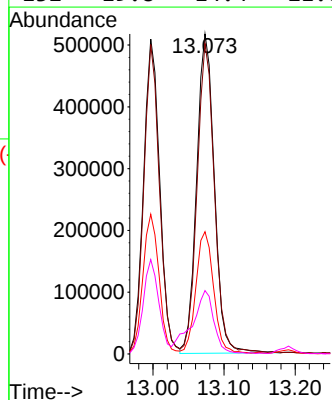
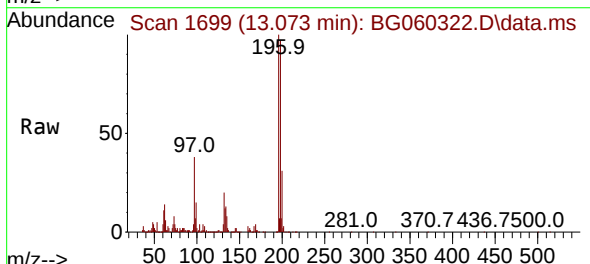
Manual Integrations
APPROVED

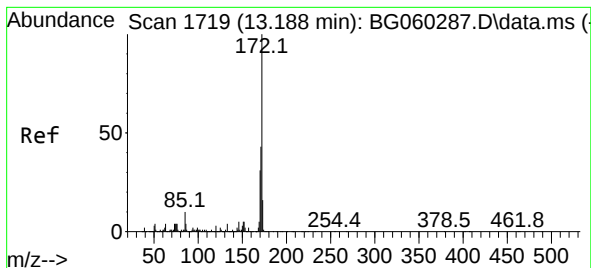
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#44
2,4,5-Trichlorophenol
Concen: 46.026 ng
RT: 13.073 min Scan# 1699
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

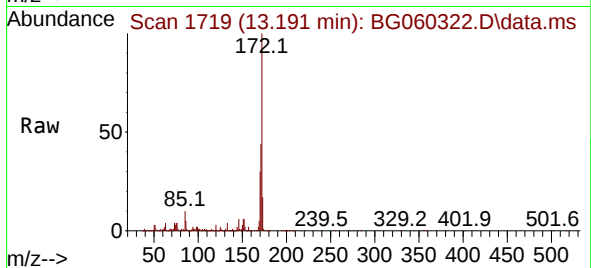
Tgt Ion:196 Resp: 898182
Ion Ratio Lower Upper
196 100
198 97.1 78.6 118.0
97 38.2 30.6 46.0
132 19.8 14.4 21.6





#45
2-Fluorobiphenyl
Concen: 78.702 ng
RT: 13.191 min Scan# 1719
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

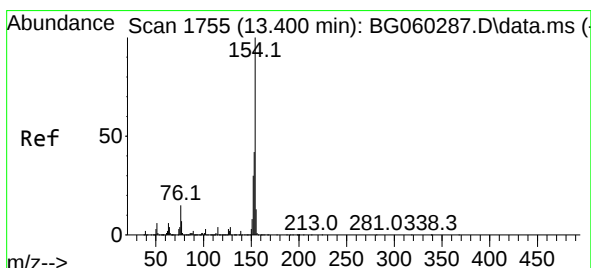
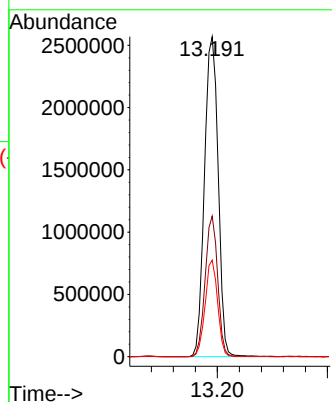
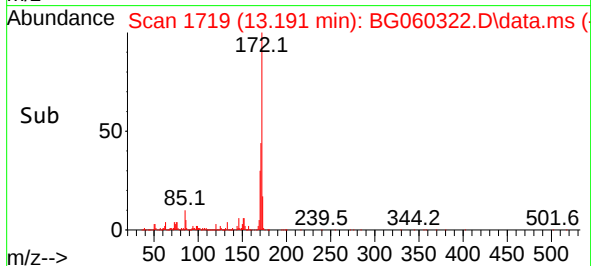
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



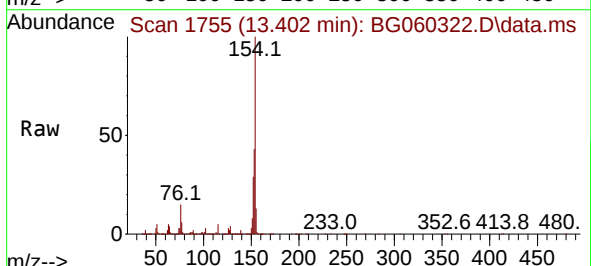
Tgt Ion:172 Resp: 443125
Ion Ratio Lower Upper
172 100
171 43.9 34.6 51.8
170 30.2 24.4 36.6

Manual Integrations
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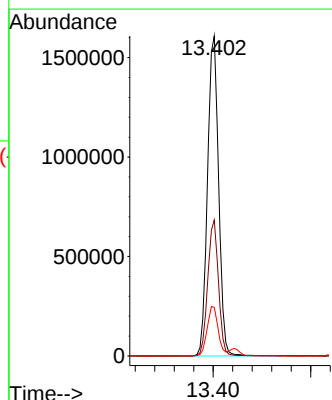
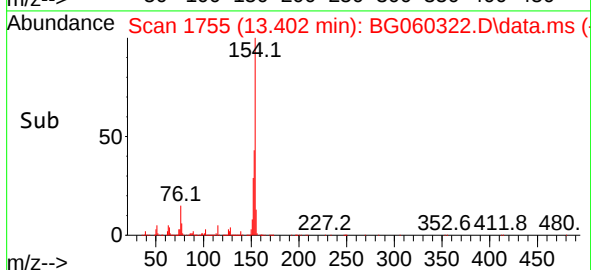
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

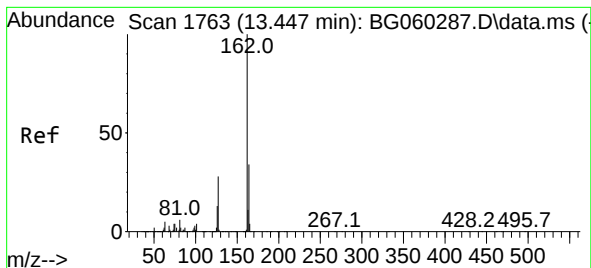


#46
1,1'-Biphenyl
Concen: 42.762 ng
RT: 13.402 min Scan# 1755
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11



Tgt Ion:154 Resp: 2526797
Ion Ratio Lower Upper
154 100
153 42.5 22.0 62.0
76 15.2 0.0 35.2





#47
2-Chloronaphthalene
Concen: 41.189 ng
RT: 13.443 min Scan# 1762
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

Instrument :

BNA_G

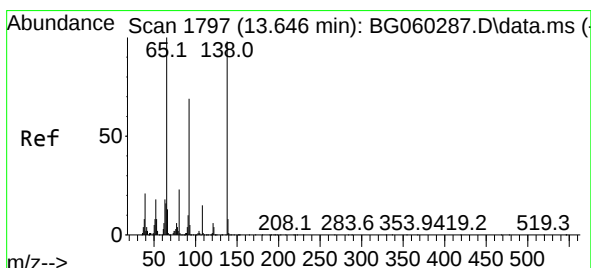
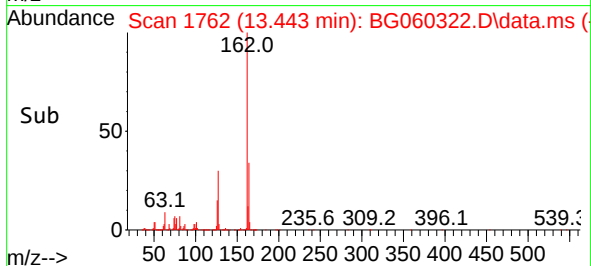
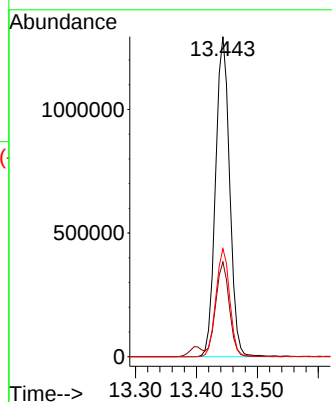
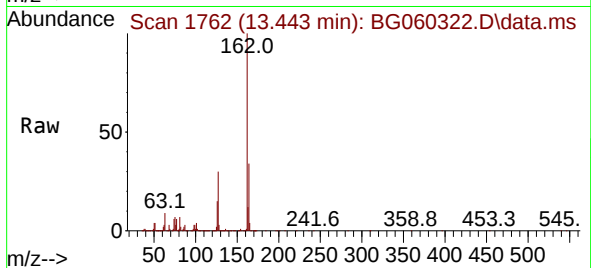
ClientSampleId :

TP-1MSD

Tgt Ion:162 Resp: 208502
Ion Ratio Lower Upper
162 100
127 29.6 23.5 35.3
164 33.7 26.9 40.3

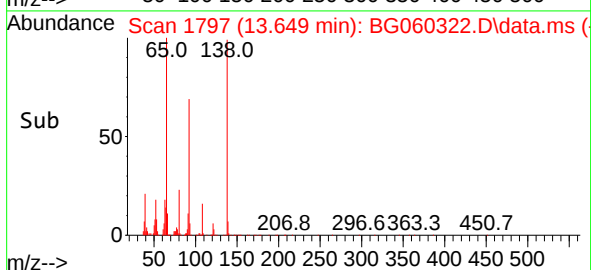
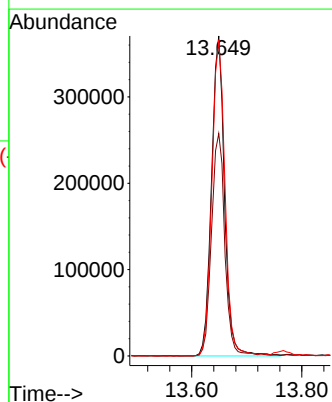
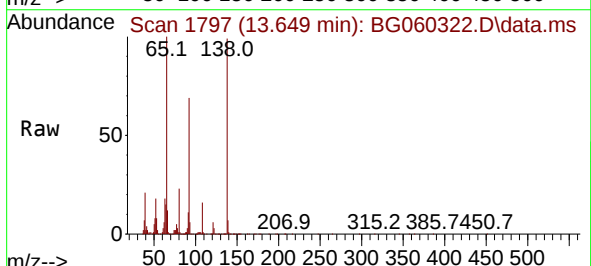
Manual Integrations
APPROVED

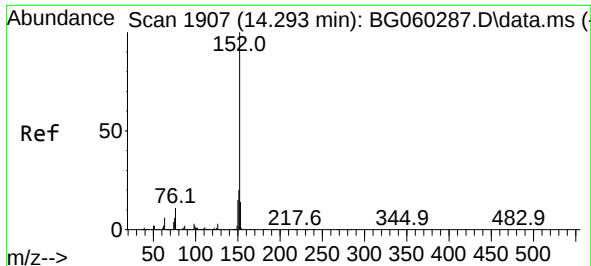
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#48
2-Nitroaniline
Concen: 48.294 ng
RT: 13.649 min Scan# 1797
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

Tgt Ion: 65 Resp: 608819
Ion Ratio Lower Upper
65 100
92 69.5 55.0 82.6
138 98.8 78.1 117.1





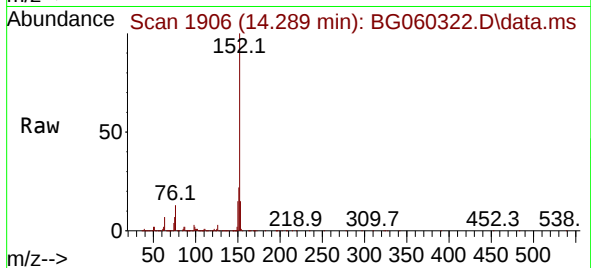
#49
Acenaphthylene
Concen: 46.083 ng
RT: 14.289 min Scan# 1906
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

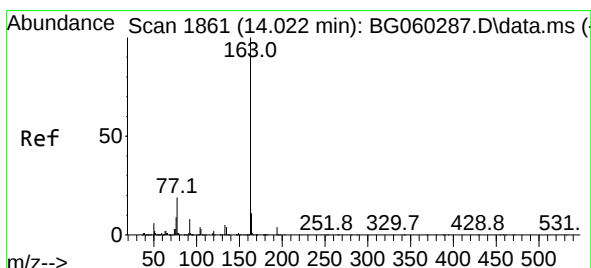
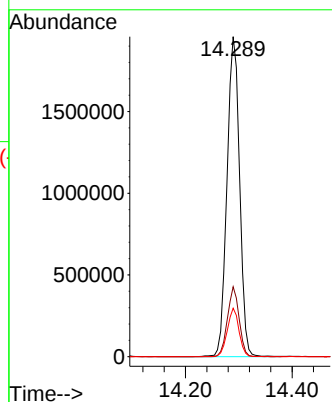
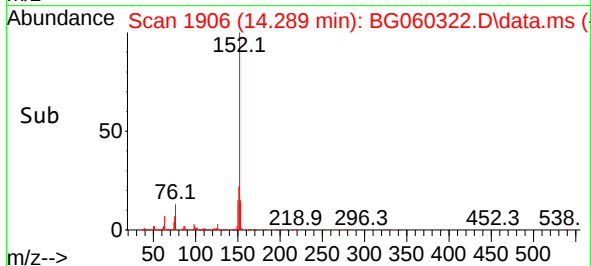


Tgt Ion:152 Resp: 321239
Ion Ratio Lower Upper
152 100
151 21.9 16.1 24.1
153 15.2 11.5 17.3

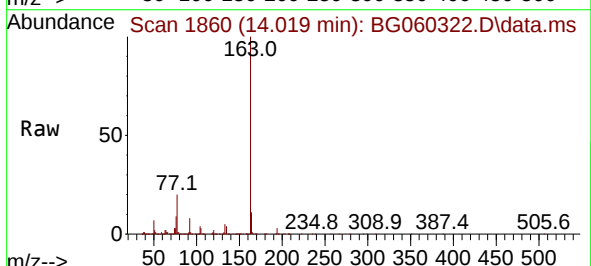
Manual Integrations

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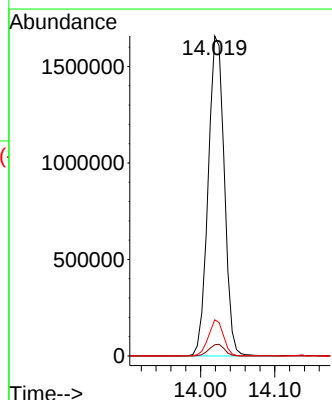
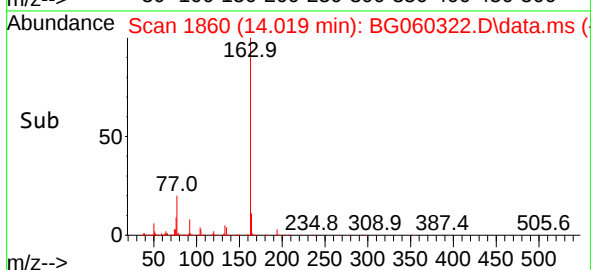
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

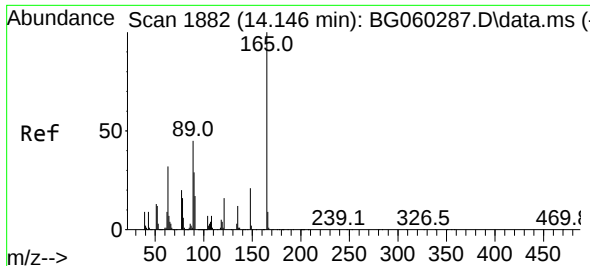


#50
Dimethylphthalate
Concen: 41.881 ng
RT: 14.019 min Scan# 1860
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11



Tgt Ion:163 Resp: 2505364
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 11.3 8.8 13.2





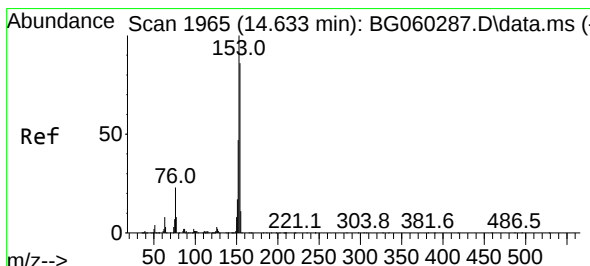
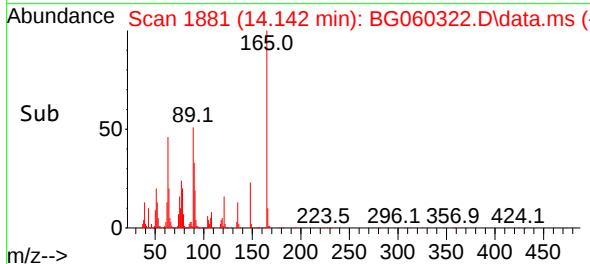
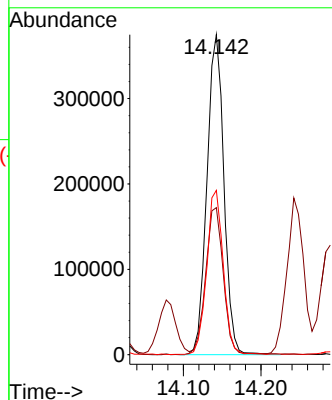
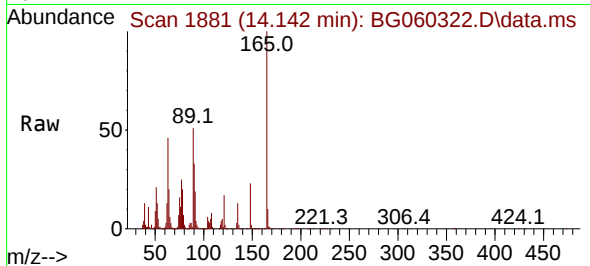
#51
2,6-Dinitrotoluene
Concen: 44.570 ng
RT: 14.142 min Scan# 1882
Delta R.T. -0.004 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion:165 Resp: 568920
Ion Ratio Lower Upper
165 100
63 46.0 35.0 52.4
89 51.3 36.2 54.2

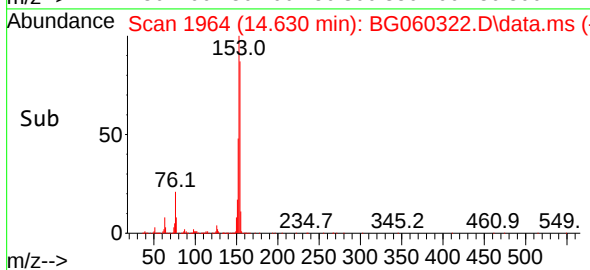
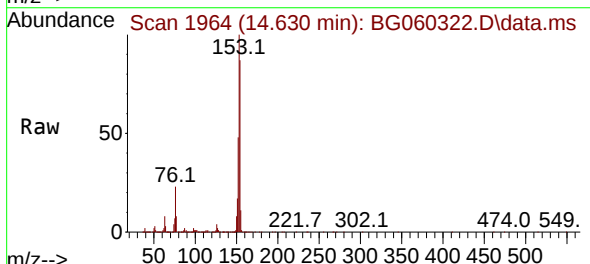
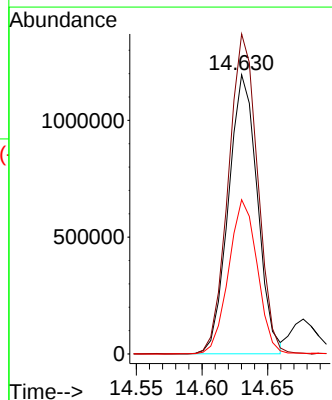
Manual Integrations
APPROVED

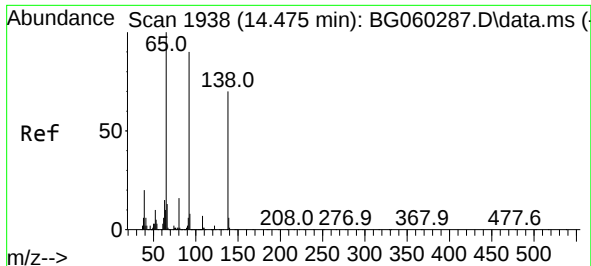
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#52
Acenaphthene
Concen: 42.205 ng
RT: 14.630 min Scan# 1964
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

Tgt Ion:154 Resp: 1831975
Ion Ratio Lower Upper
154 100
153 114.6 92.6 138.8
152 55.2 43.8 65.8





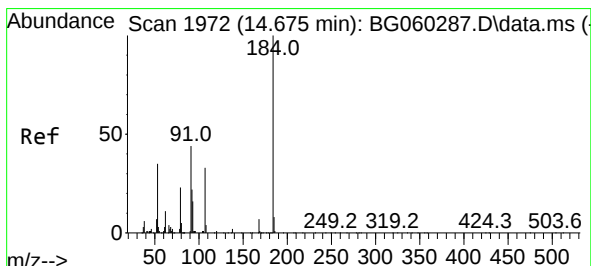
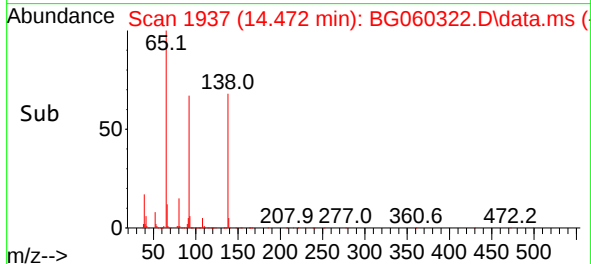
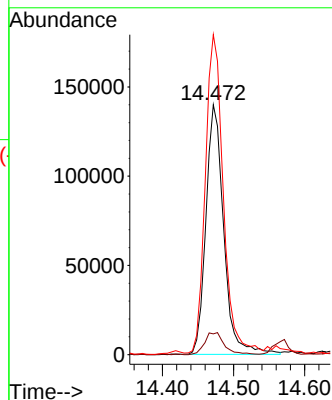
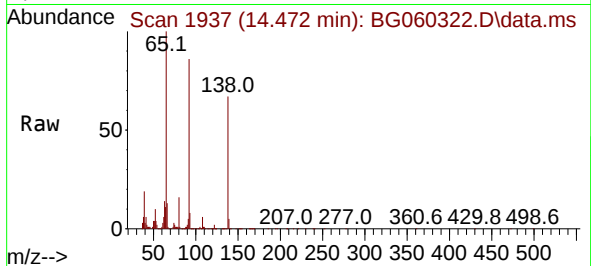
#53
3-Nitroaniline
Concen: 20.988 ng
RT: 14.472 min Scan# 1938
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion:138 Resp: 24411
Ion Ratio Lower Upper
138 100
108 8.3 7.8 11.8
92 128.1 102.4 153.6

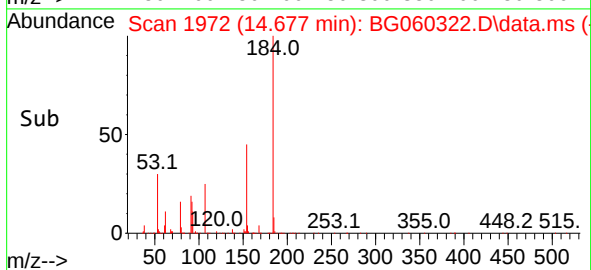
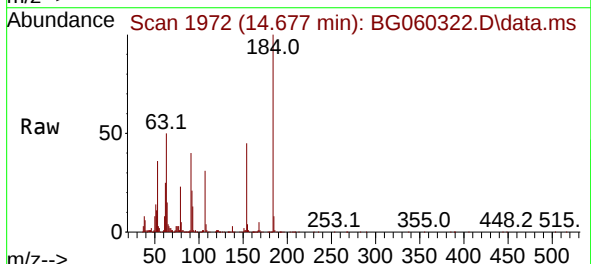
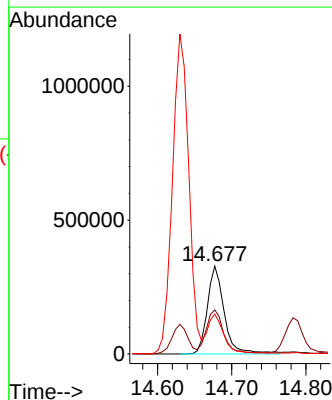
Manual Integrations
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Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#54
2,4-Dinitrophenol
Concen: 68.571 ng
RT: 14.677 min Scan# 1972
Delta R.T. 0.002 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

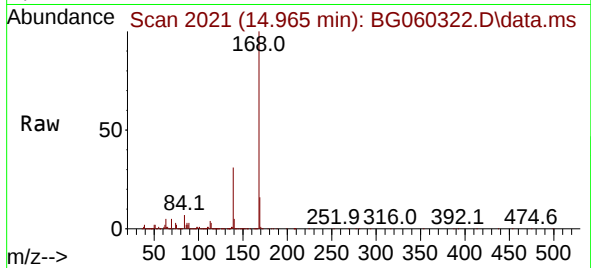
Tgt Ion:184 Resp: 520062
Ion Ratio Lower Upper
184 100
63 50.1 41.0 61.4
154 45.4 39.2 58.8





#55
Dibenzenofuran
Concen: 43.150 ng
RT: 14.965 min Scan# 20
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

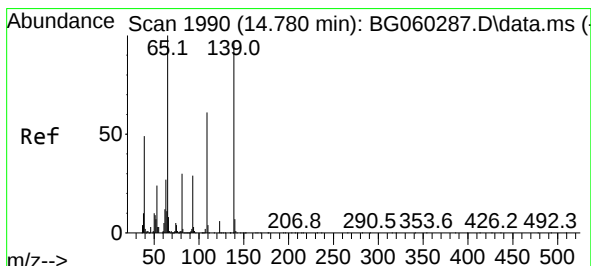
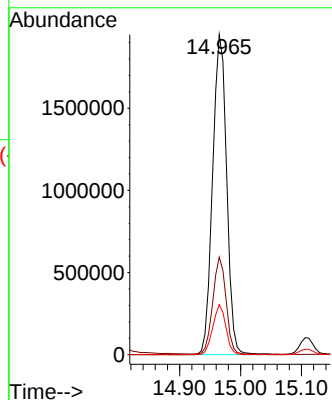
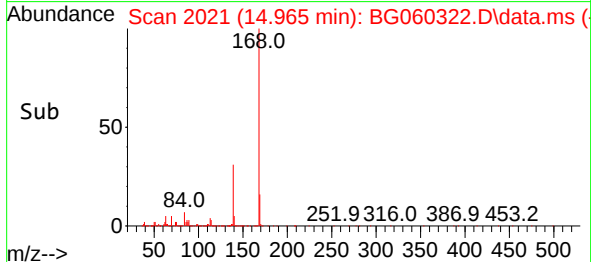
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:168 Resp: 312662
Ion Ratio Lower Upper
168 100
139 30.5 22.6 34.0
169 15.6 12.1 18.1

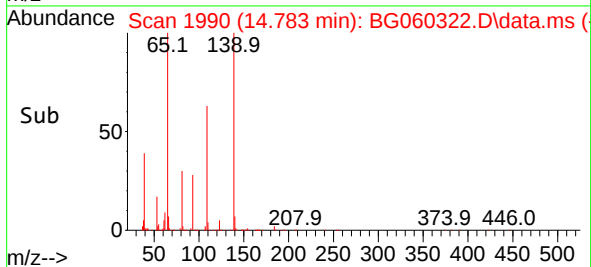
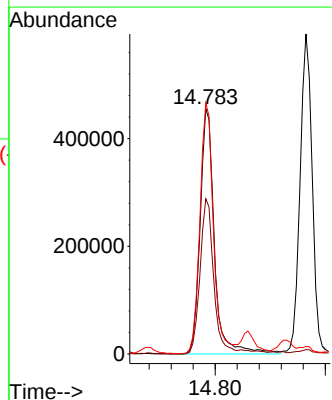
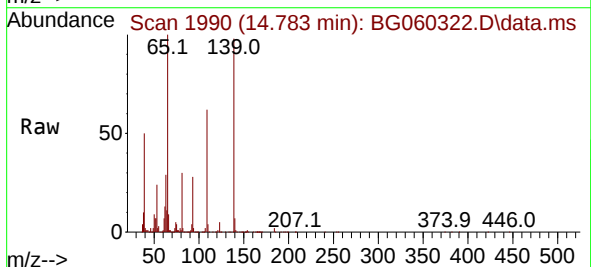
Manual Integrations
APPROVED

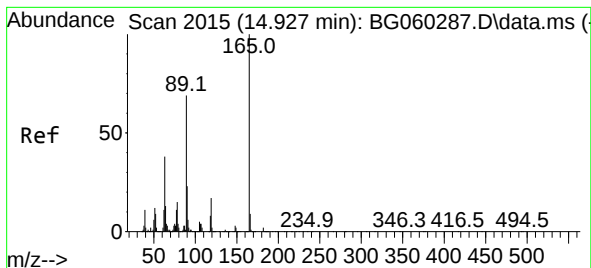
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#56
4-Nitrophenol
Concen: 95.229 ng
RT: 14.783 min Scan# 1990
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

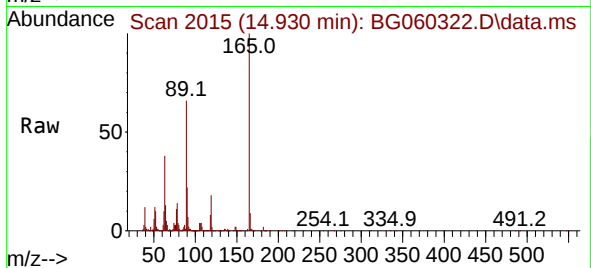
Tgt Ion:139 Resp: 821556
Ion Ratio Lower Upper
139 100
109 63.2 42.2 82.2
65 102.2 83.3 123.3





#57
2,4-Dinitrotoluene
Concen: 46.359 ng
RT: 14.930 min Scan# 2015
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

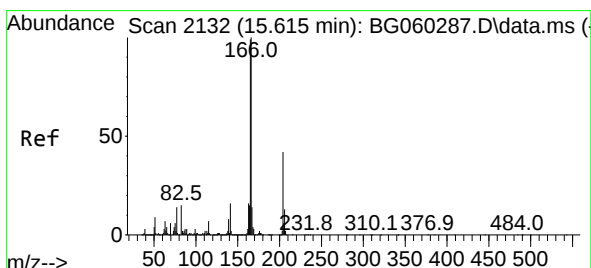
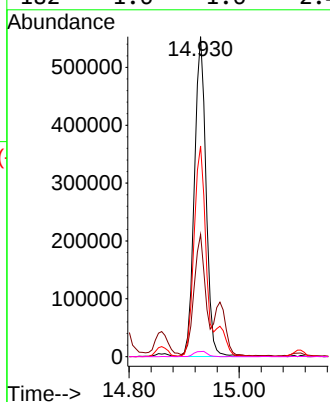
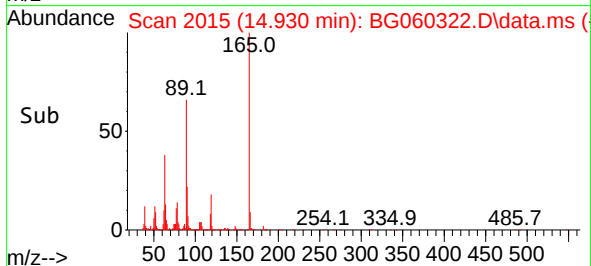
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:165 Resp: 811469
Ion Ratio Lower Upper
165 100
63 38.2 30.4 45.6
89 65.9 55.4 83.0
182 1.6 1.6 2.4

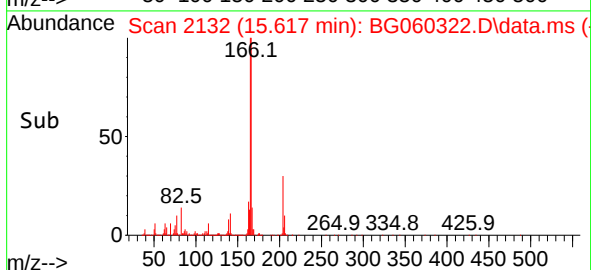
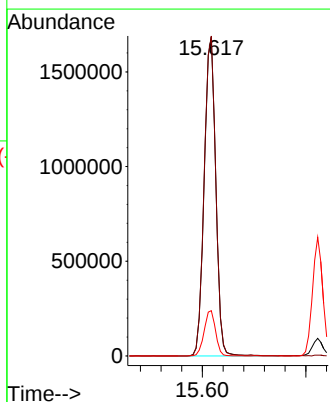
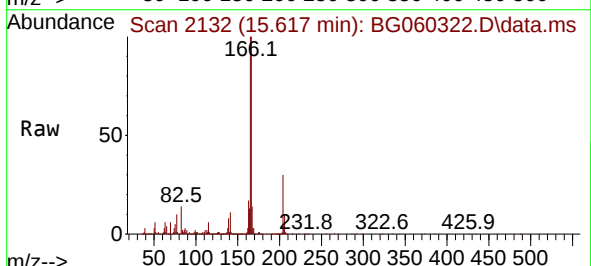
Manual Integrations
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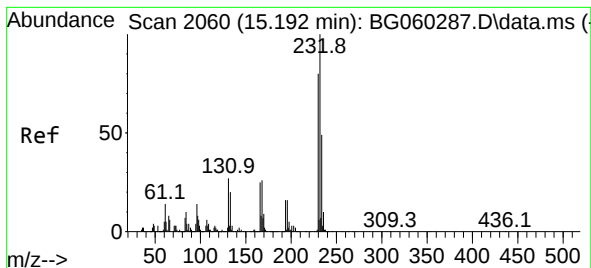
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#58
Fluorene
Concen: 43.320 ng
RT: 15.617 min Scan# 2132
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

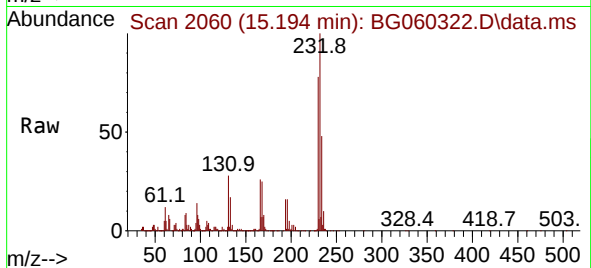
Tgt Ion:166 Resp: 2599433
Ion Ratio Lower Upper
166 100
165 100.3 79.0 118.6
167 14.2 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.475 ng
RT: 15.194 min Scan# 2060
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

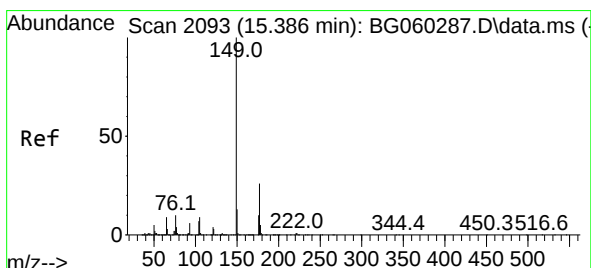
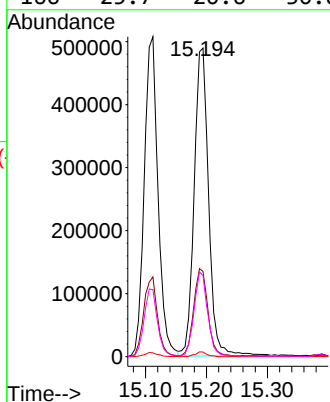
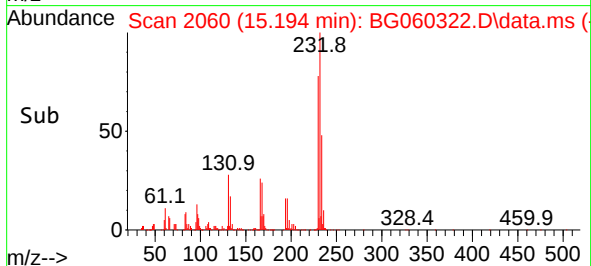
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



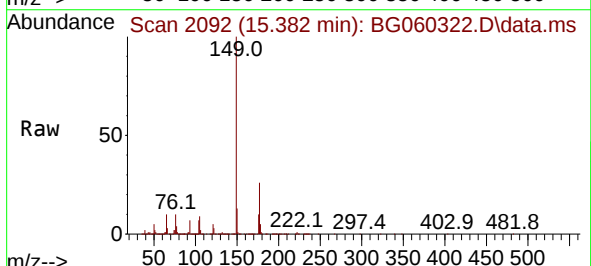
Tgt Ion:232 Resp: 803280
Ion Ratio Lower Upper
232 100
131 28.1 22.7 34.1
130 1.3 1.1 1.7
166 25.7 20.6 30.8

Manual Integrations
APPROVED

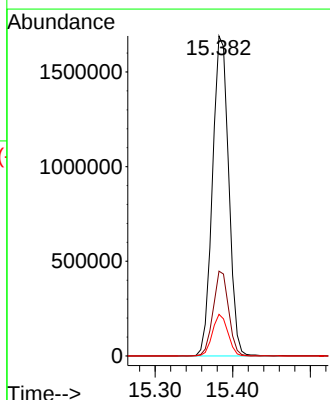
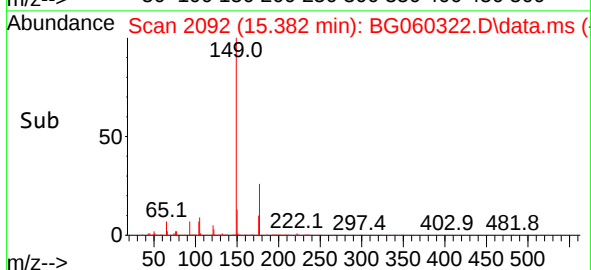
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

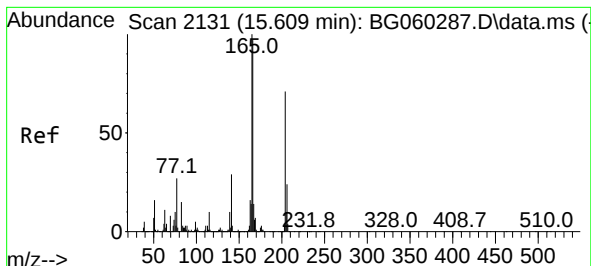


#60
Diethylphthalate
Concen: 42.650 ng
RT: 15.382 min Scan# 2092
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11



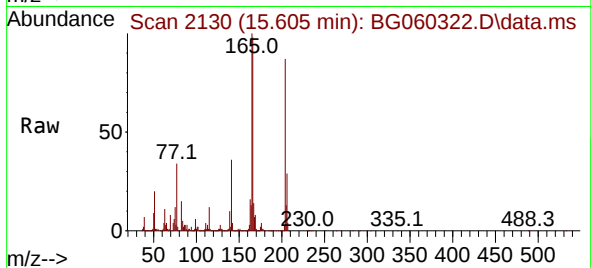
Tgt Ion:149 Resp: 2449373
Ion Ratio Lower Upper
149 100
177 26.5 20.9 31.3
150 13.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 42.546 ng
RT: 15.605 min Scan# 2131
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

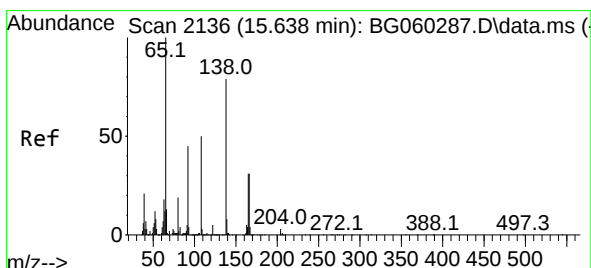
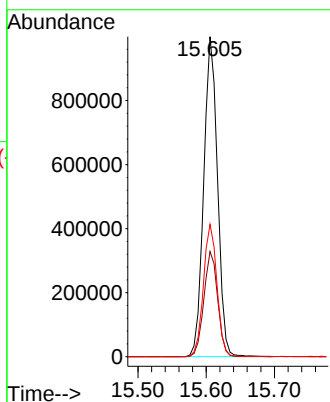
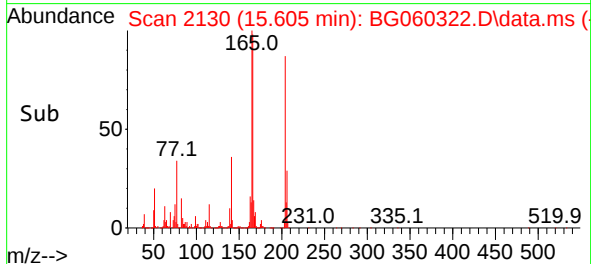
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:204 Resp: 1406394
Ion Ratio Lower Upper
204 100
206 32.8 27.1 40.7
141 41.3 32.2 48.2

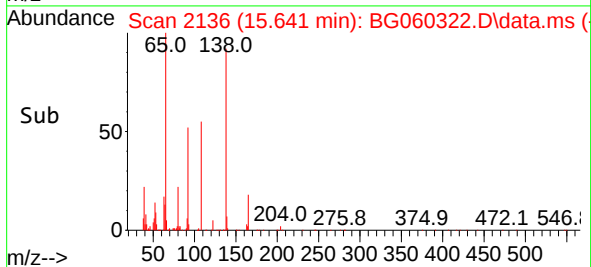
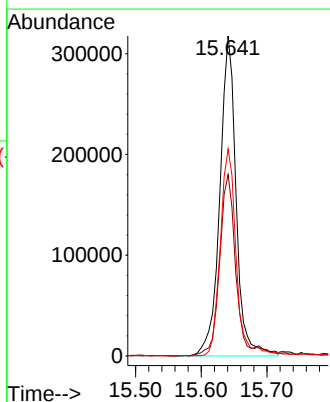
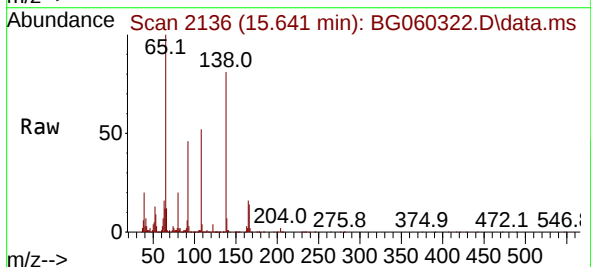
Manual Integrations
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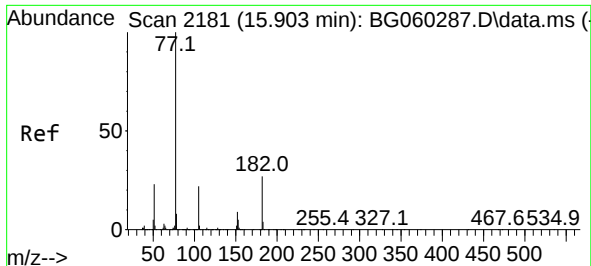
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#62
4-Nitroaniline
Concen: 44.292 ng
RT: 15.641 min Scan# 2136
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

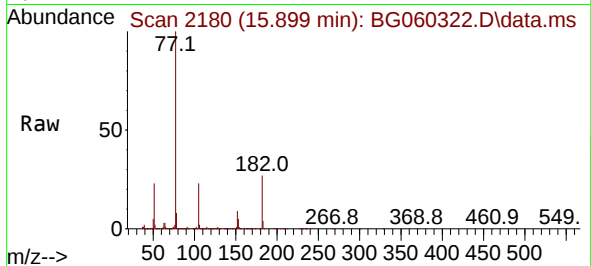
Tgt Ion:138 Resp: 548297
Ion Ratio Lower Upper
138 100
92 56.7 37.0 77.0
108 64.7 43.1 83.1





#63
Azobenzene
Concen: 43.052 ng
RT: 15.899 min Scan# 2181
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

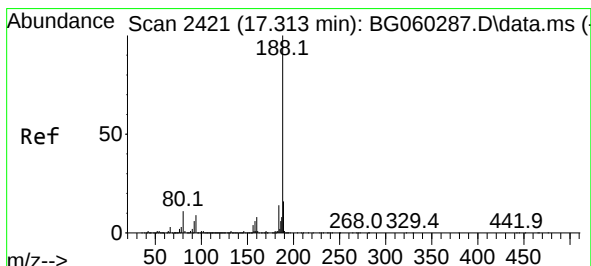
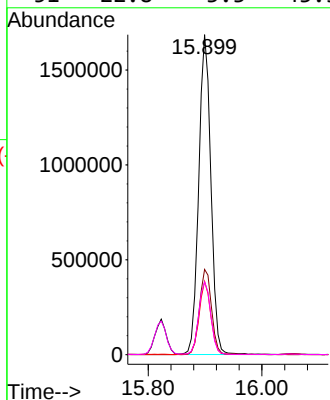
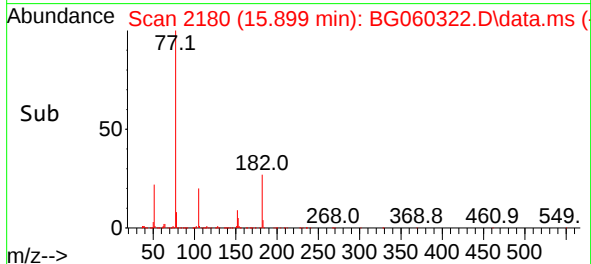
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



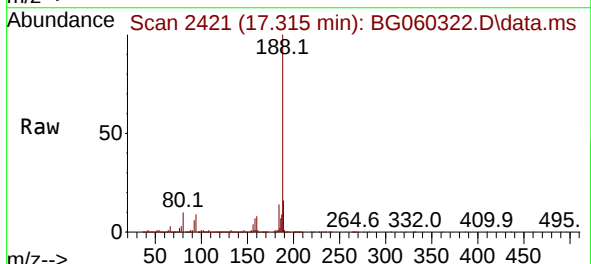
Tgt Ion: 77 Resp: 2500744
Ion Ratio Lower Upper
77 100
182 26.6 6.5 46.5
105 22.9 1.8 41.8
51 22.8 3.3 43.3

Manual Integrations
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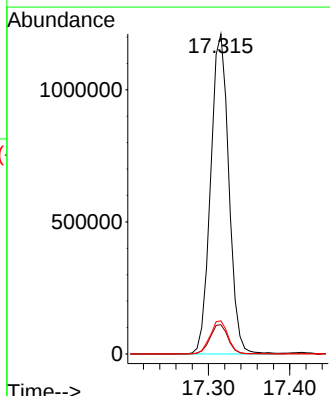
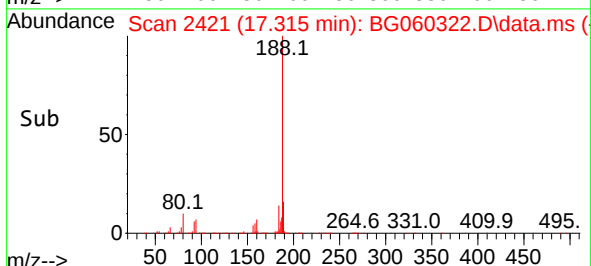
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

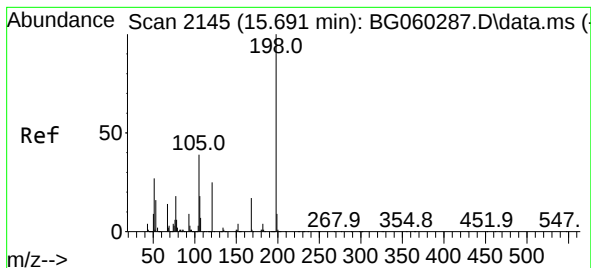


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2421
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11



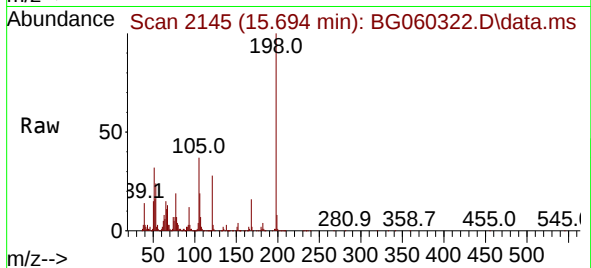
Tgt Ion:188 Resp: 1883414
Ion Ratio Lower Upper
188 100
94 9.2 7.1 10.7
80 10.4 8.5 12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 40.784 ng
RT: 15.694 min Scan# 2145
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

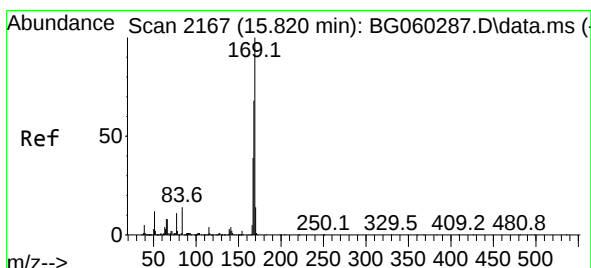
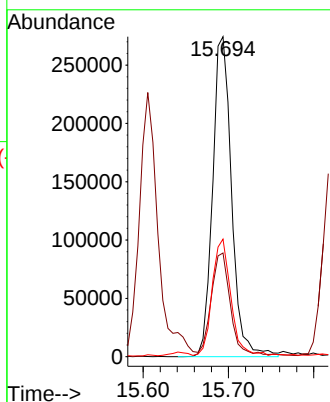
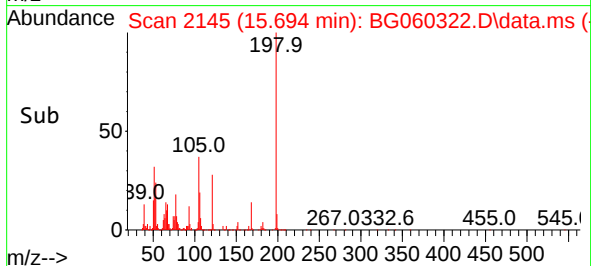
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:198 Resp: 424940
Ion Ratio Lower Upper
198 100
51 32.4 11.8 51.8
105 36.8 20.3 60.3

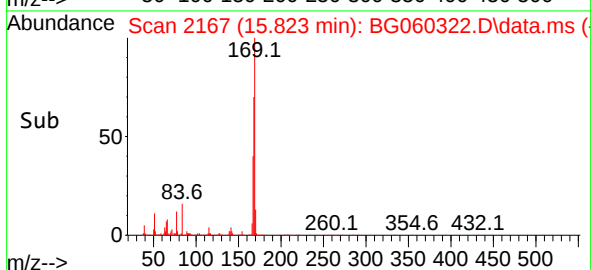
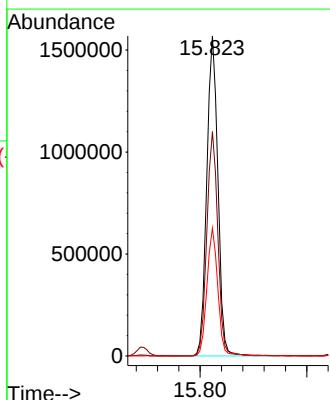
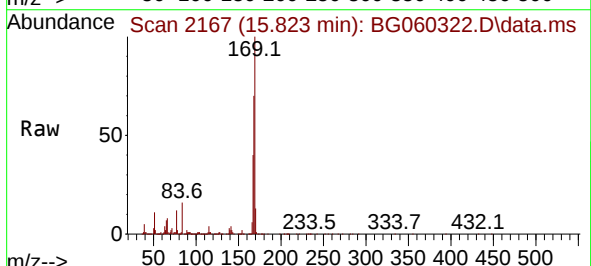
Manual Integrations
APPROVED

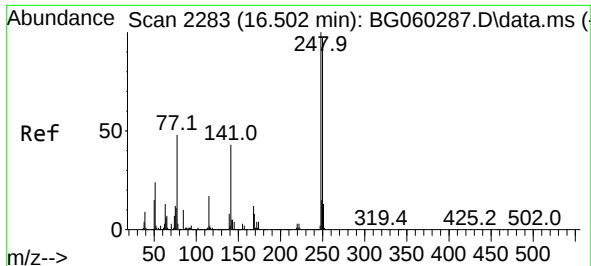
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#66
n-Nitrosodiphenylamine
Concen: 45.451 ng
RT: 15.823 min Scan# 2167
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

Tgt Ion:169 Resp: 2272962
Ion Ratio Lower Upper
169 100
168 70.1 54.4 81.6
167 40.0 31.2 46.8





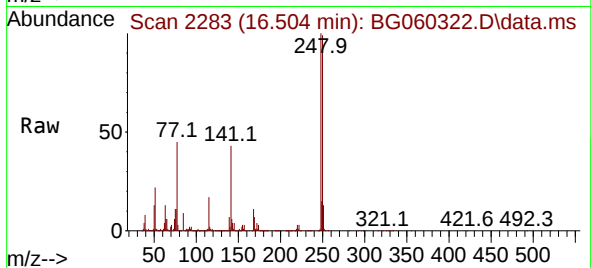
#67
4-Bromophenyl-phenylether
Concen: 43.743 ng
RT: 16.504 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

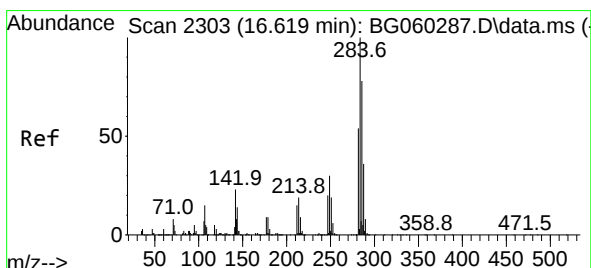
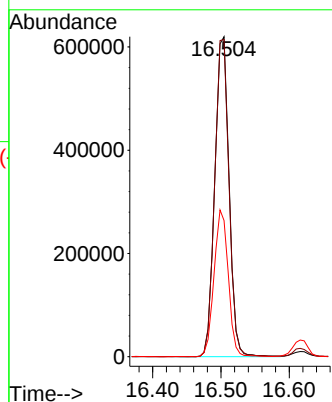
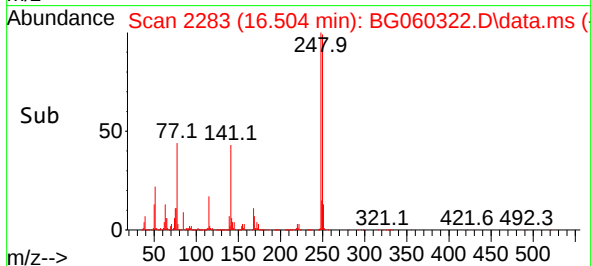


Tgt Ion:248 Resp: 905260
Ion Ratio Lower Upper
248 100
250 99.1 77.6 116.4
141 42.6 34.2 51.4

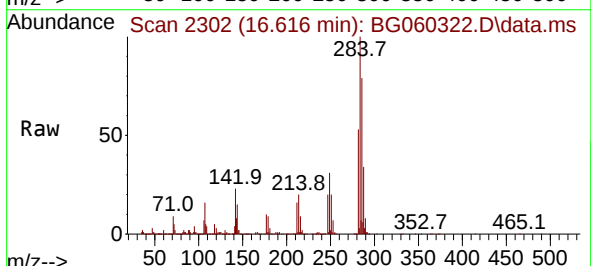
Manual Integrations

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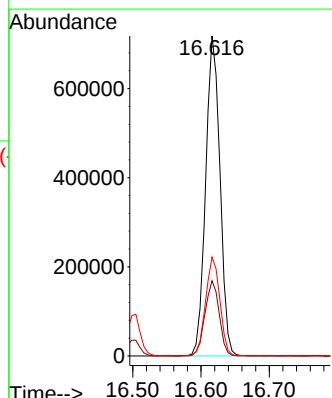
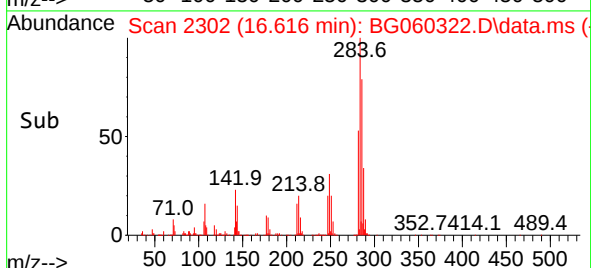
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

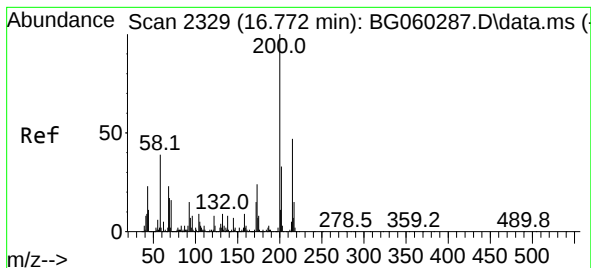


#68
Hexachlorobenzene
Concen: 42.871 ng
RT: 16.616 min Scan# 2302
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11



Tgt Ion:284 Resp: 1050201
Ion Ratio Lower Upper
284 100
142 23.5 18.2 27.4
249 30.9 24.3 36.5





#69

Atrazine

Concen: 48.657 ng

RT: 16.769 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG060322.D

Acq: 12 Jan 2024 19:11

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:200 Resp: 917534

Ion Ratio Lower Upper

200 100

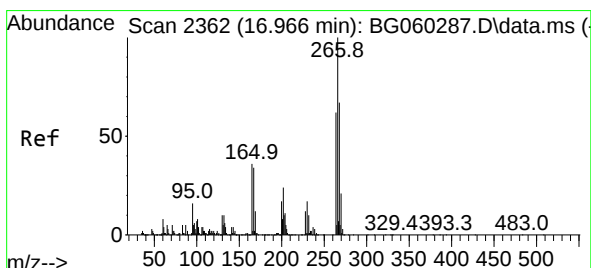
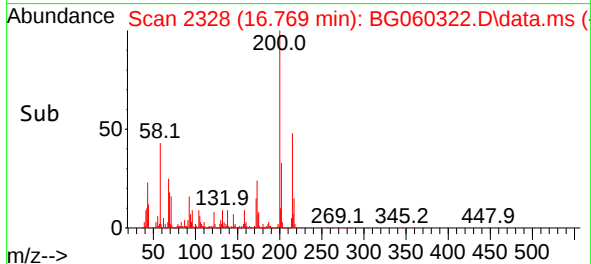
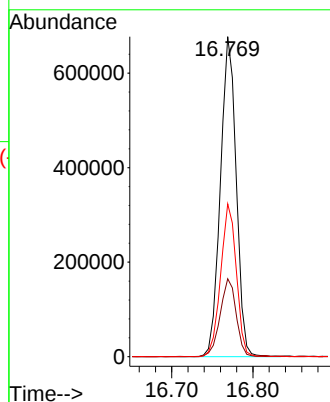
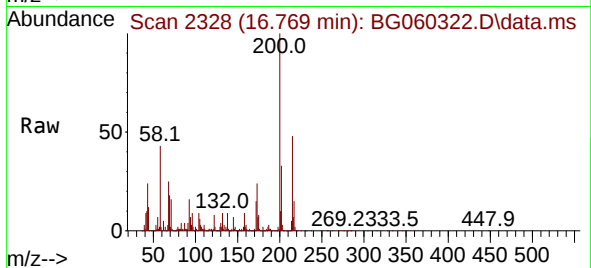
173 24.4 4.1 44.1

215 47.8 27.4 67.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#70

Pentachlorophenol

Concen: 92.616 ng

RT: 16.963 min Scan# 2361

Delta R.T. -0.003 min

Lab File: BG060322.D

Acq: 12 Jan 2024 19:11

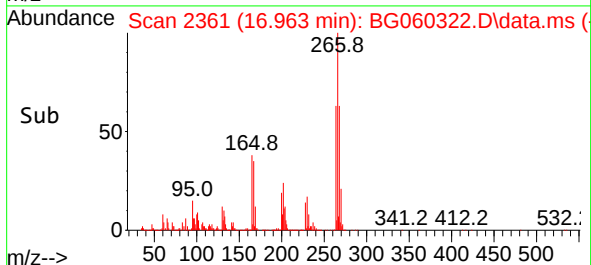
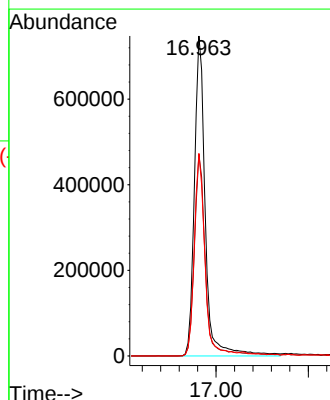
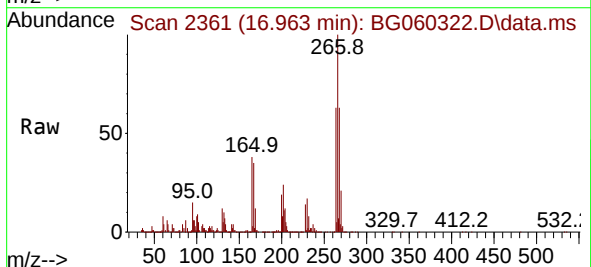
Tgt Ion:266 Resp: 1222929

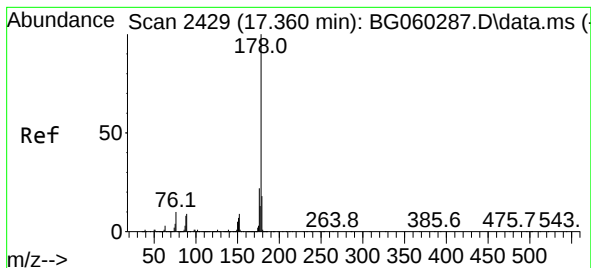
Ion Ratio Lower Upper

266 100

268 63.1 57.4 86.2

264 63.3 49.8 74.8





#71

Phenanthrene

Concen: 44.223 ng

RT: 17.356 min Scan# 2429

Delta R.T. -0.003 min

Lab File: BG060322.D

Acq: 12 Jan 2024 19:11

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:178 Resp: 402584

Ion Ratio Lower Upper

178 100

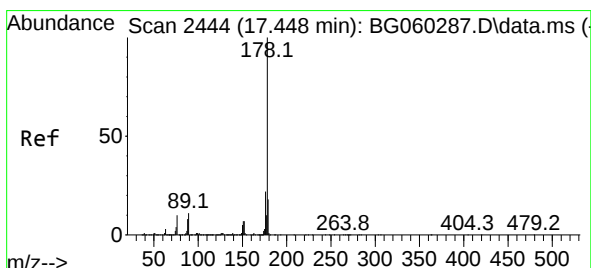
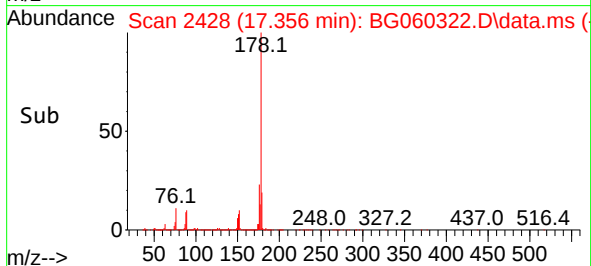
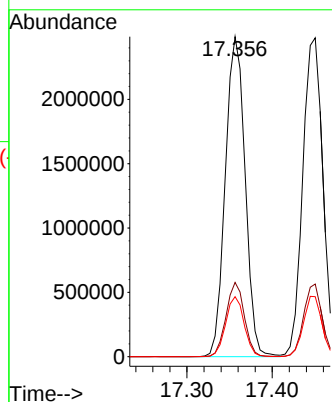
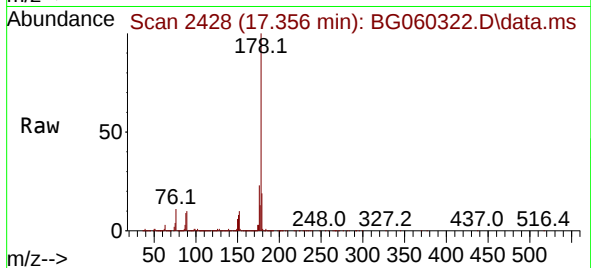
176 23.2 17.4 26.2

179 18.7 14.7 22.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#72

Anthracene

Concen: 44.692 ng

RT: 17.450 min Scan# 2444

Delta R.T. 0.003 min

Lab File: BG060322.D

Acq: 12 Jan 2024 19:11

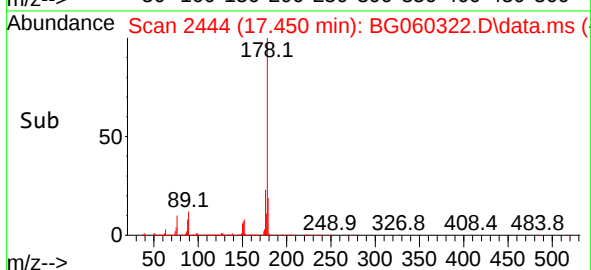
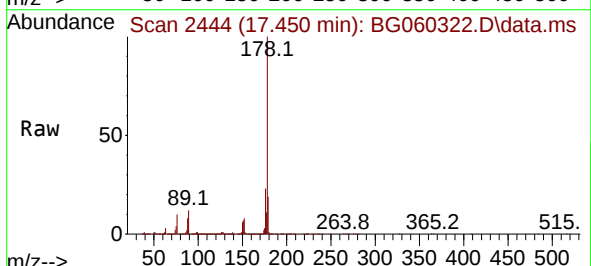
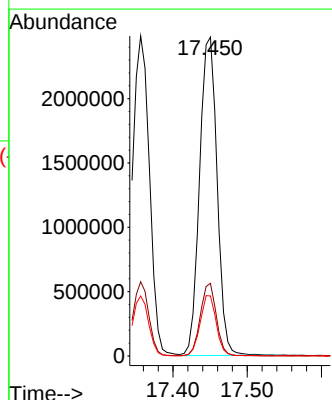
Tgt Ion:178 Resp: 4062057

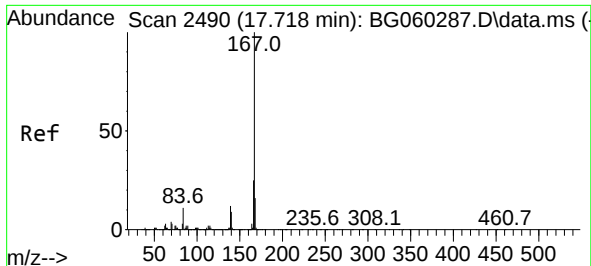
Ion Ratio Lower Upper

178 100

176 22.8 17.8 26.6

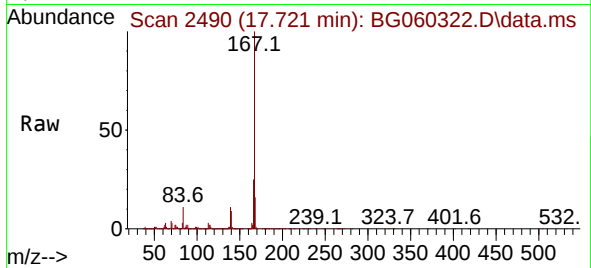
179 18.8 14.1 21.1





#73
 Carbazole
 Concen: 43.353 ng
 RT: 17.721 min Scan# 2490
 Delta R.T. 0.003 min
 Lab File: BG060322.D
 Acq: 12 Jan 2024 19:11

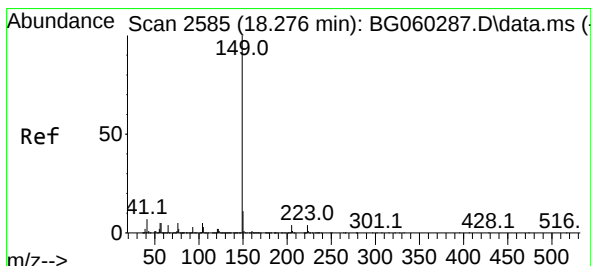
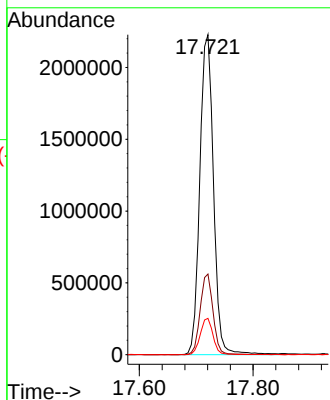
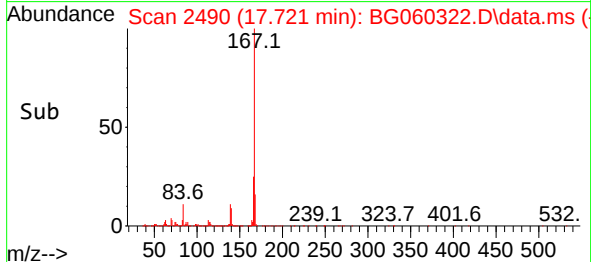
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD



Tgt Ion:167 Resp: 371475
 Ion Ratio Lower Upper
 167 100
 166 25.2 19.8 29.8
 139 11.4 9.3 13.9

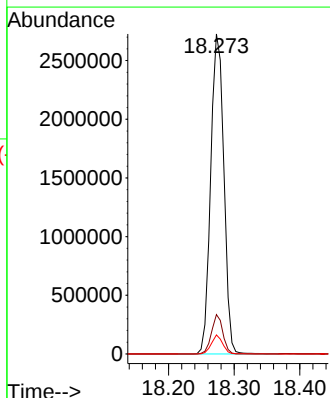
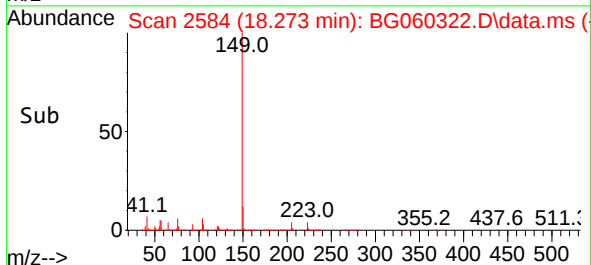
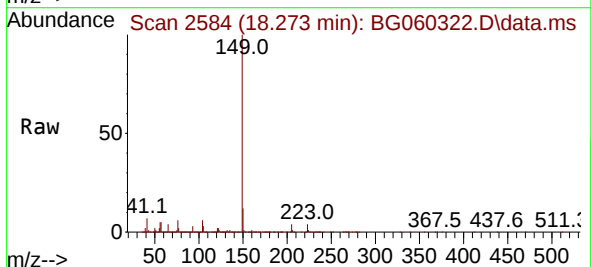
Manual Integrations
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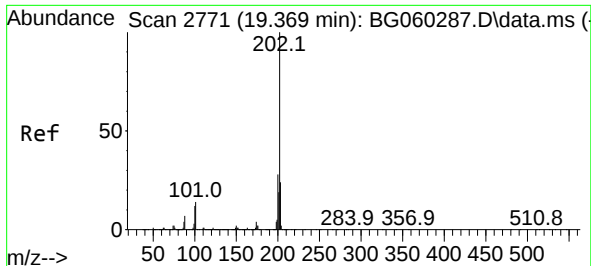
Reviewed By :Jagrut Upadhyay 01/15/2024
 Supervised By :mohammad ahmed 01/16/2024



#74
 Di-n-butylphthalate
 Concen: 43.096 ng
 RT: 18.273 min Scan# 2584
 Delta R.T. -0.003 min
 Lab File: BG060322.D
 Acq: 12 Jan 2024 19:11

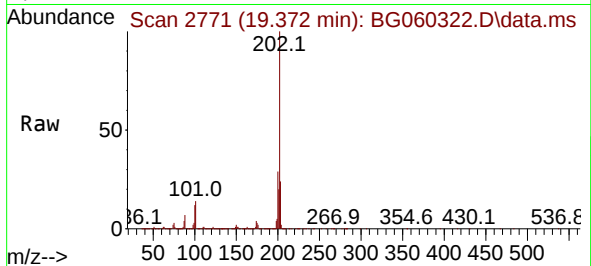
Tgt Ion:149 Resp: 3799517
 Ion Ratio Lower Upper
 149 100
 150 12.3 9.1 13.7
 104 5.9 4.3 6.5





#75
Fluoranthene
Concen: 41.662 ng
RT: 19.372 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

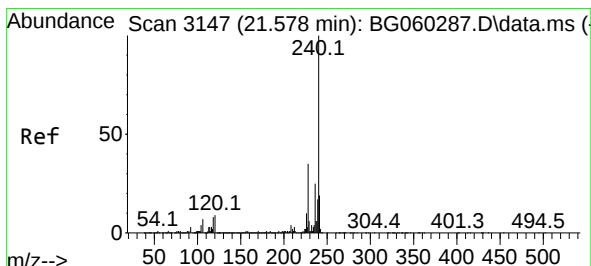
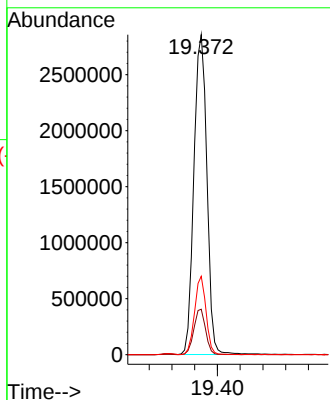
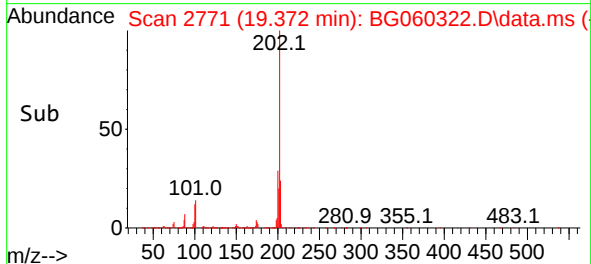
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:202 Resp: 455543
Ion Ratio Lower Upper
202 100
101 14.2 0.0 34.4
203 24.5 4.0 44.0

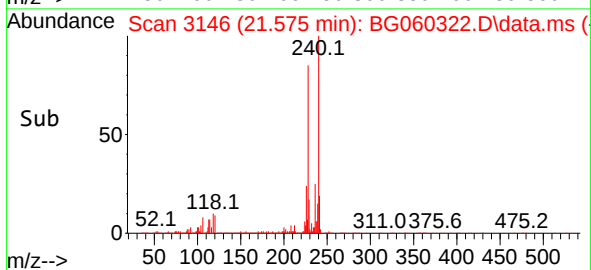
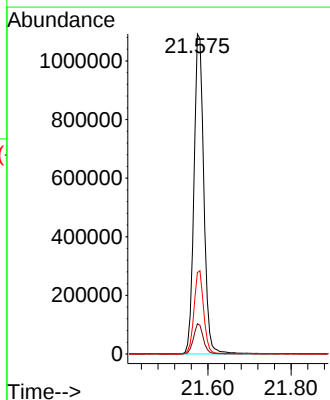
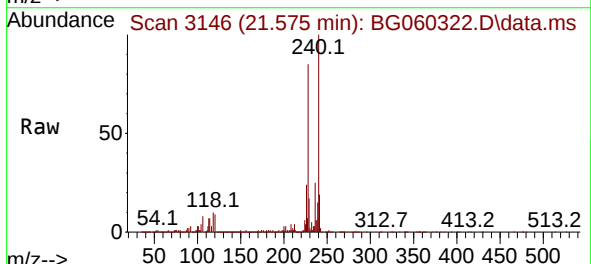
Manual Integrations
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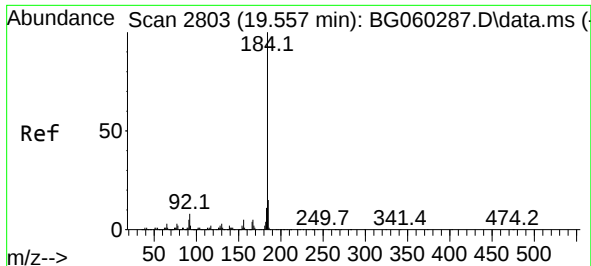
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.575 min Scan# 3146
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

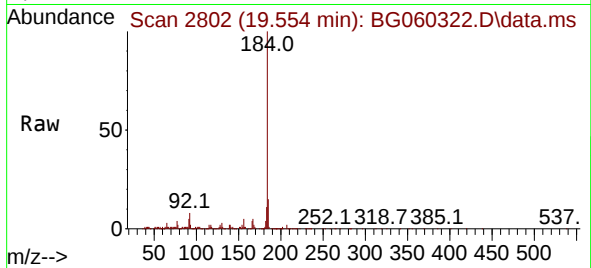
Tgt Ion:240 Resp: 1794371
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 25.4 20.3 30.5





#77
Benzidine
Concen: 13.597 ng
RT: 19.554 min Scan# 2802
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

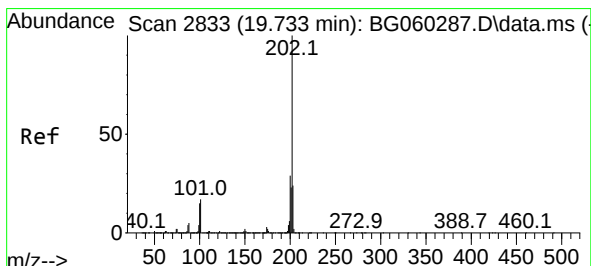
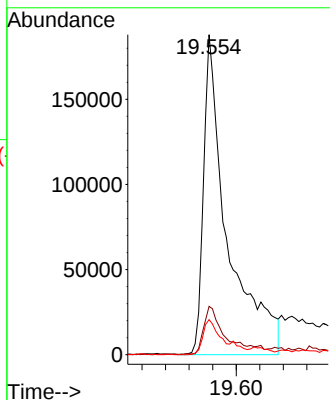
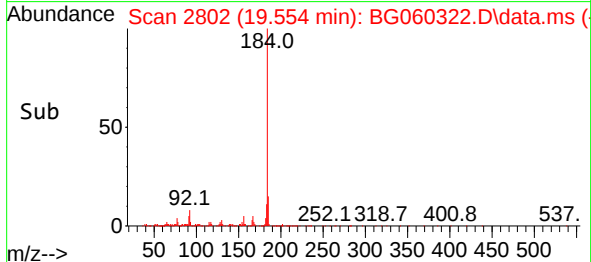
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:184 Resp: 530060
Ion Ratio Lower Upper
184 100
185 15.1 12.2 18.4
183 11.0 9.0 13.4

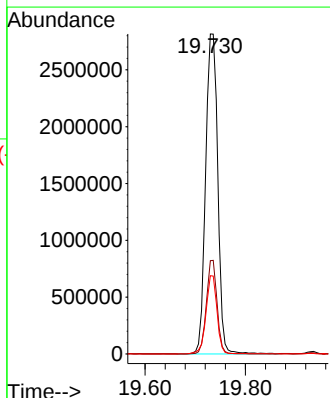
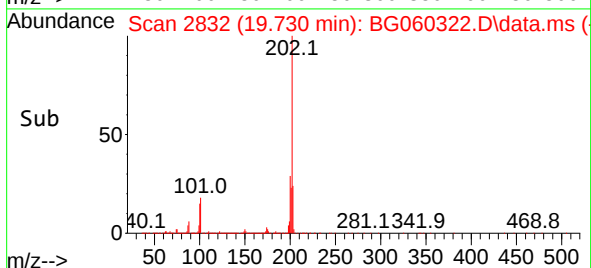
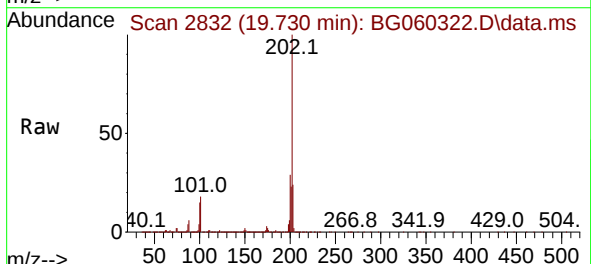
Manual Integrations
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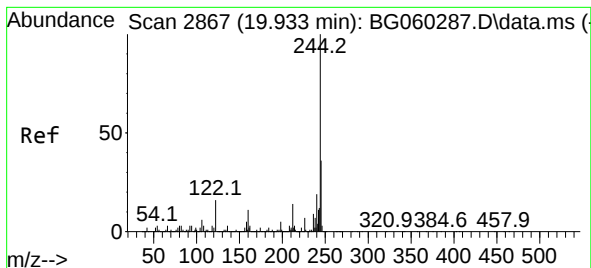
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#78
Pyrene
Concen: 41.302 ng
RT: 19.730 min Scan# 2832
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

Tgt Ion:202 Resp: 4732718
Ion Ratio Lower Upper
202 100
200 29.1 23.5 35.3
203 24.5 19.6 29.4





#79

Terphenyl-d14

Concen: 80.010 ng

RT: 19.930 min Scan# 2867

Delta R.T. -0.003 min

Lab File: BG060322.D

Acq: 12 Jan 2024 19:11

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:244 Resp: 581927

Ion Ratio Lower Upper

244 100

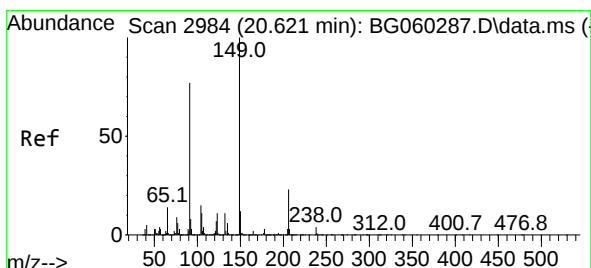
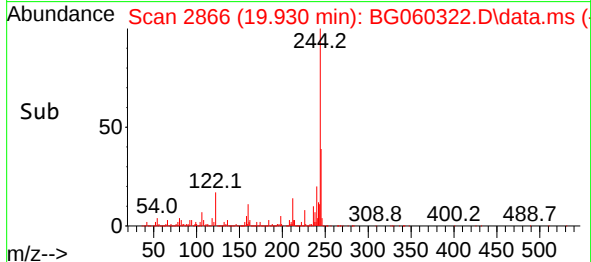
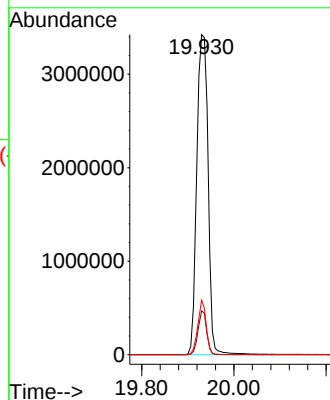
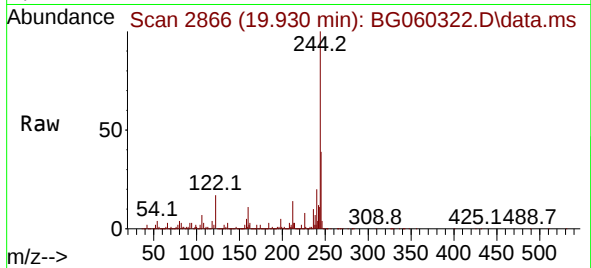
212 13.7 10.9 16.3

122 17.0 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#80

Butylbenzylphthalate

Concen: 47.158 ng

RT: 20.623 min Scan# 2984

Delta R.T. 0.003 min

Lab File: BG060322.D

Acq: 12 Jan 2024 19:11

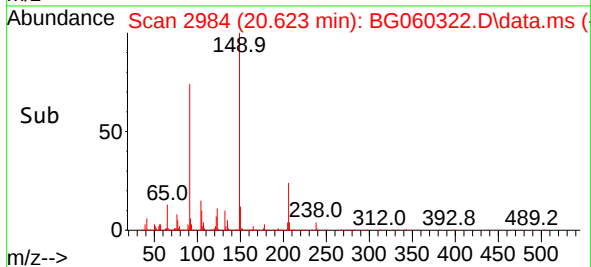
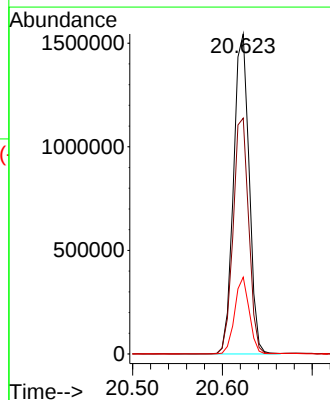
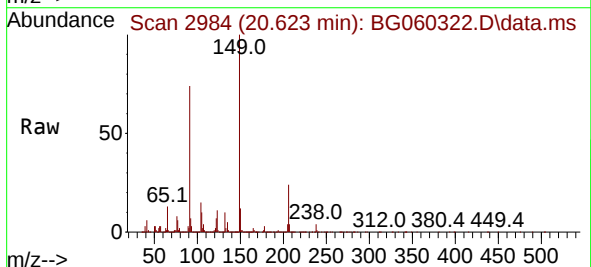
Tgt Ion:149 Resp: 1859128

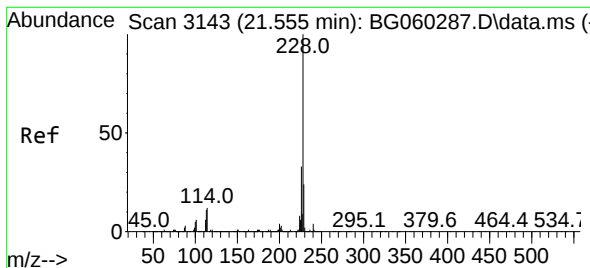
Ion Ratio Lower Upper

149 100

91 73.7 61.4 92.2

206 24.0 18.0 27.0





#81

Benzo(a)anthracene

Concen: 42.943 ng

RT: 21.557 min Scan# 3143

Delta R.T. 0.003 min

Lab File: BG060322.D

Acq: 12 Jan 2024 19:11

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:228 Resp: 477037

Ion Ratio Lower Upper

228 100

226 35.2 26.2 39.2

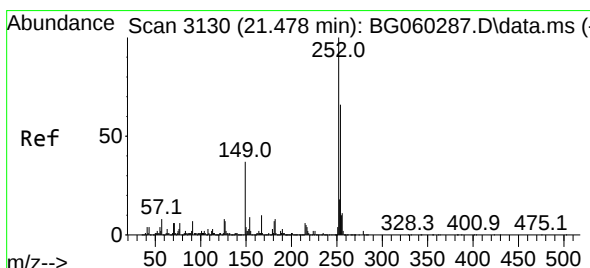
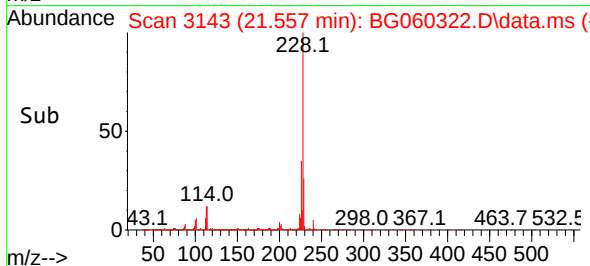
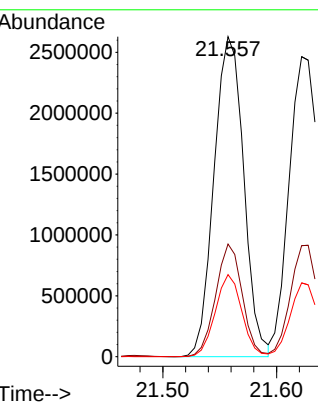
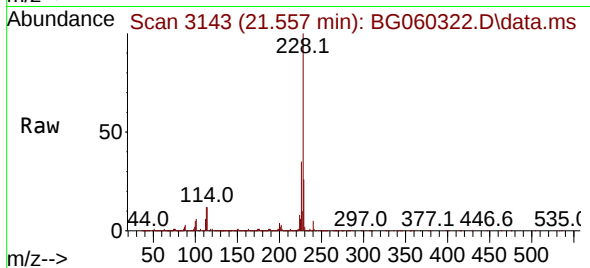
229 25.6 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024

Supervised By :mohammad ahmed 01/16/2024



#82

3,3'-Dichlorobenzidine

Concen: 25.842 ng

RT: 21.475 min Scan# 3129

Delta R.T. -0.003 min

Lab File: BG060322.D

Acq: 12 Jan 2024 19:11

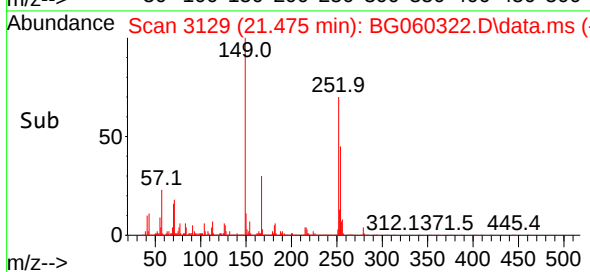
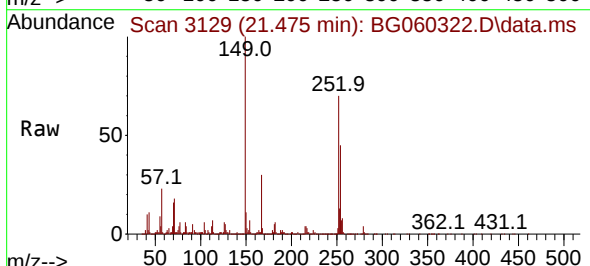
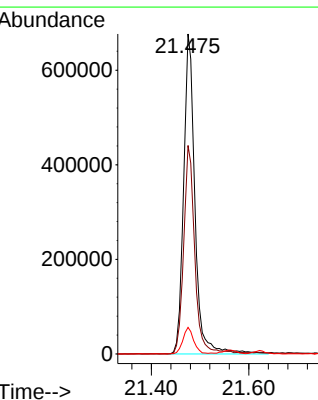
Tgt Ion:252 Resp: 1099362

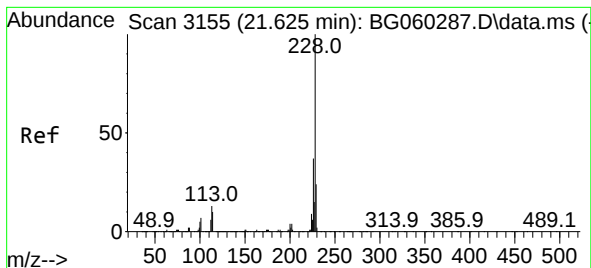
Ion Ratio Lower Upper

252 100

254 65.2 52.6 79.0

126 8.3 6.3 9.5





#83

Chrysene

Concen: 42.001 ng

RT: 21.622 min Scan# 3155

Delta R.T. -0.003 min

Lab File: BG060322.D

Acq: 12 Jan 2024 19:11

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:228 Resp: 458876

Ion Ratio Lower Upper

228 100

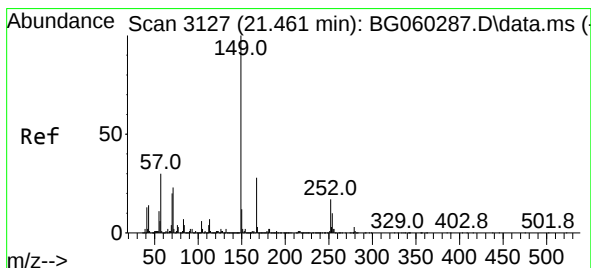
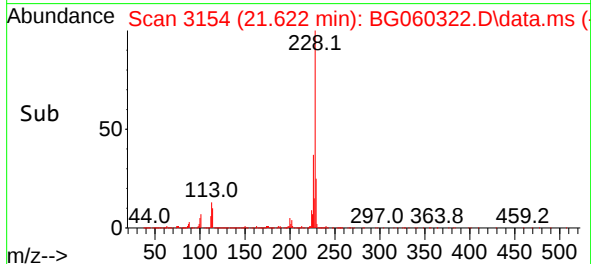
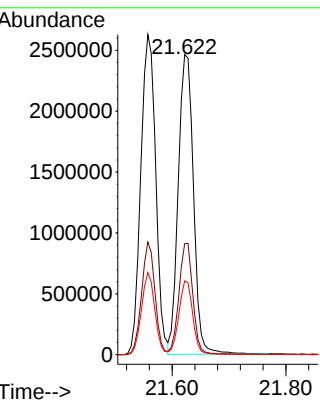
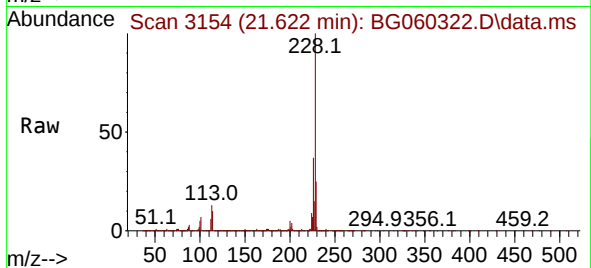
226 37.0 29.4 44.2

229 24.6 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.446 ng

RT: 21.463 min Scan# 3127

Delta R.T. 0.003 min

Lab File: BG060322.D

Acq: 12 Jan 2024 19:11

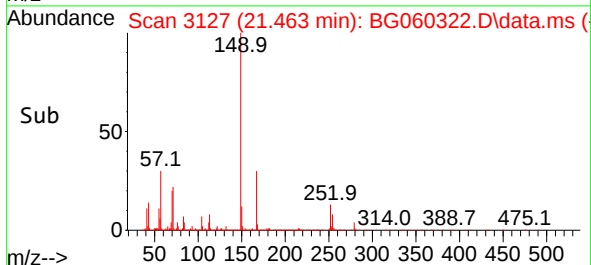
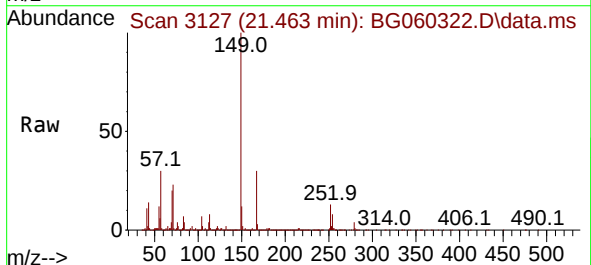
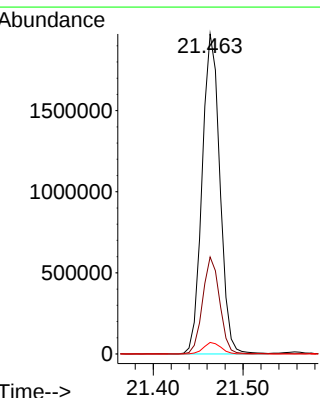
Tgt Ion:149 Resp: 2707318

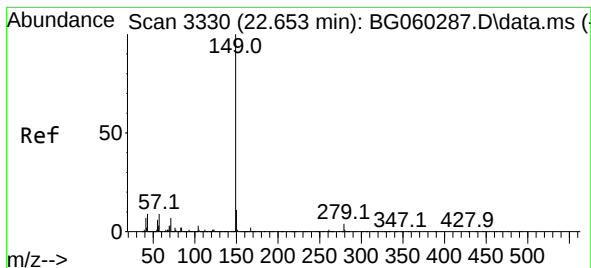
Ion Ratio Lower Upper

149 100

167 30.3 22.2 33.2

279 3.6 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 46.371 ng

RT: 22.650 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG060322.D

Acq: 12 Jan 2024 19:11

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:149 Resp: 4476530

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

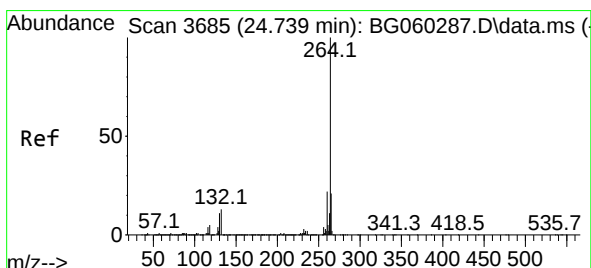
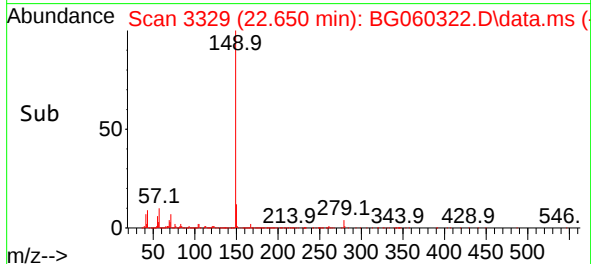
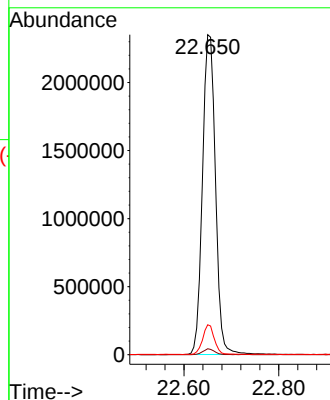
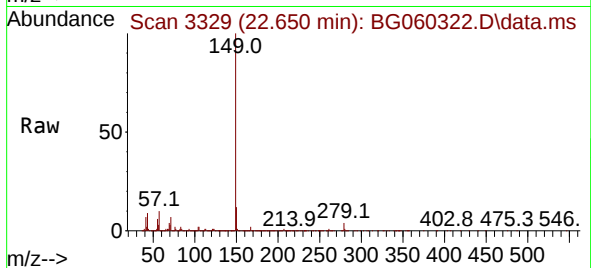
43 8.4 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024

Supervised By :mohammad ahmed 01/16/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.742 min Scan# 3685

Delta R.T. 0.003 min

Lab File: BG060322.D

Acq: 12 Jan 2024 19:11

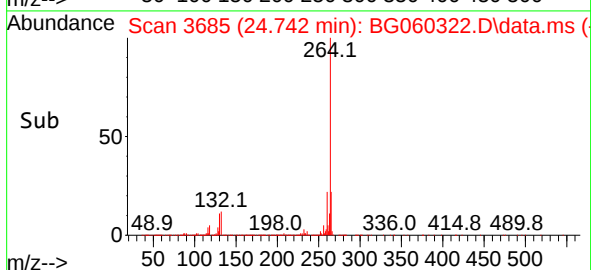
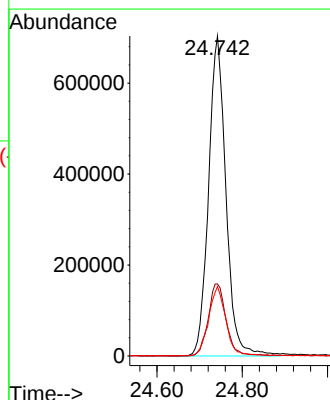
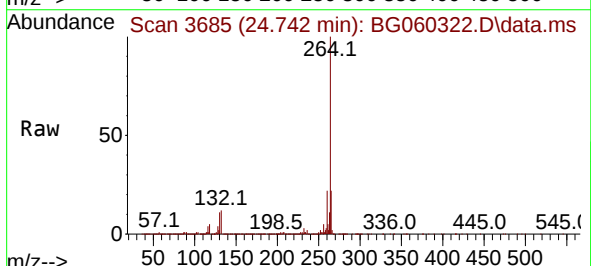
Tgt Ion:264 Resp: 1989007

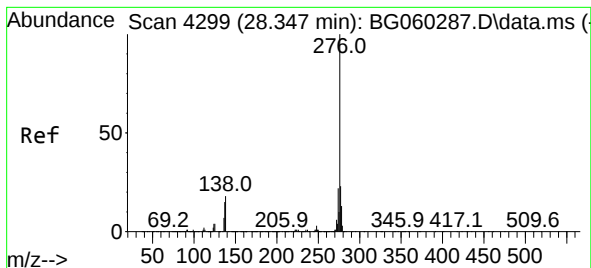
Ion Ratio Lower Upper

264 100

260 22.5 17.8 26.6

265 21.7 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.181 ng

RT: 28.349 min Scan# 4299

Delta R.T. 0.003 min

Lab File: BG060322.D

Acq: 12 Jan 2024 19:11

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:276 Resp: 611005

Ion Ratio Lower Upper

276 100

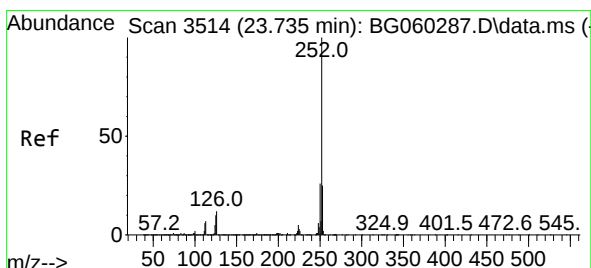
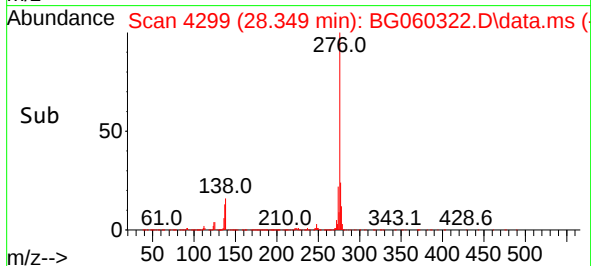
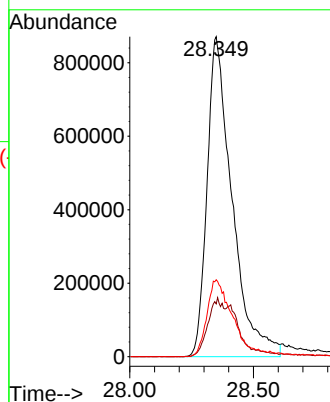
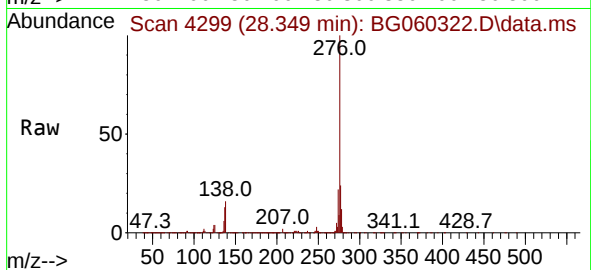
138 11.6 12.5 18.7

277 24.7 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#88

Benzo(b)fluoranthene

Concen: 44.138 ng

RT: 23.737 min Scan# 3514

Delta R.T. 0.003 min

Lab File: BG060322.D

Acq: 12 Jan 2024 19:11

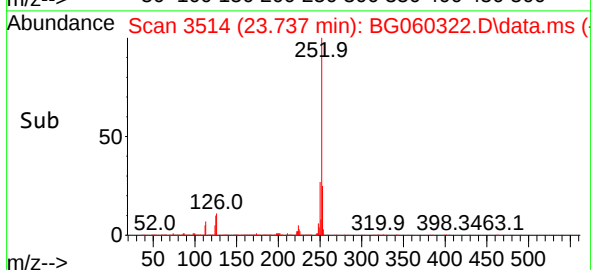
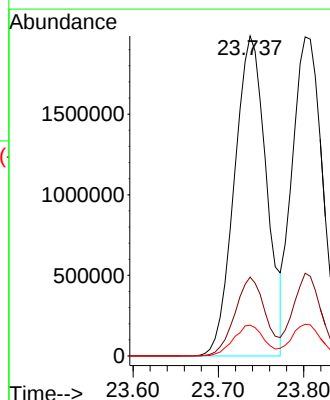
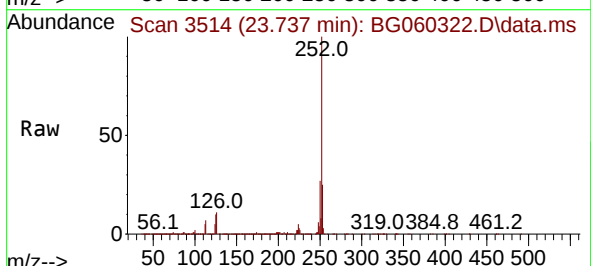
Tgt Ion:252 Resp: 5186254

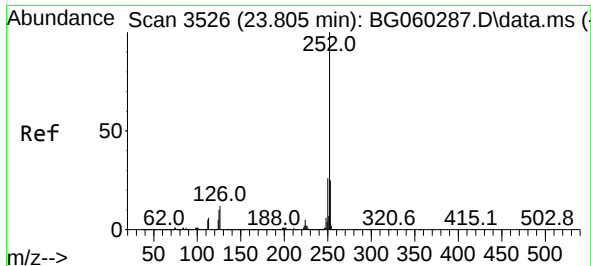
Ion Ratio Lower Upper

252 100

253 24.7 20.0 30.0

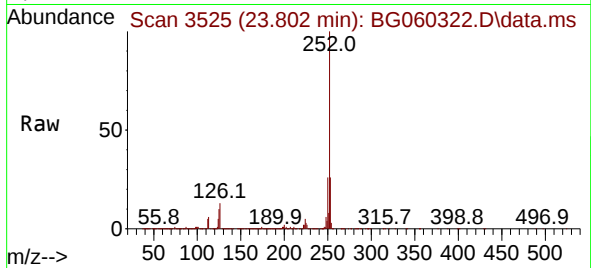
125 9.6 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 42.984 ng
RT: 23.802 min Scan# 3526
Delta R.T. -0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

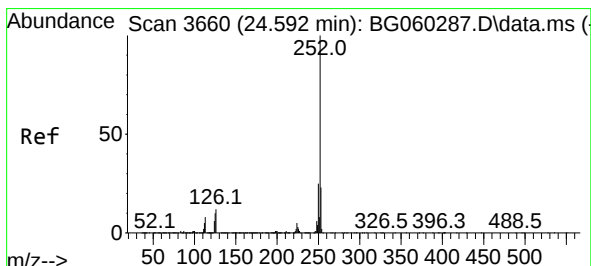
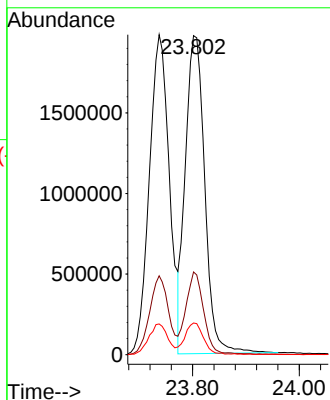
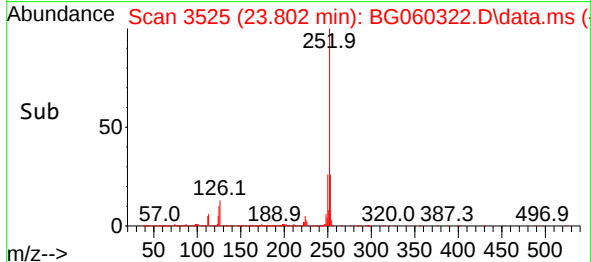
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:252 Resp: 498409
Ion Ratio Lower Upper
252 100
253 25.9 19.6 29.4
125 9.9 8.2 12.2

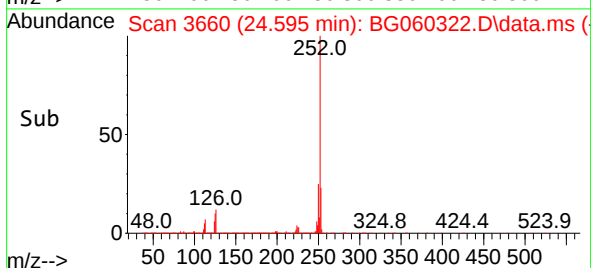
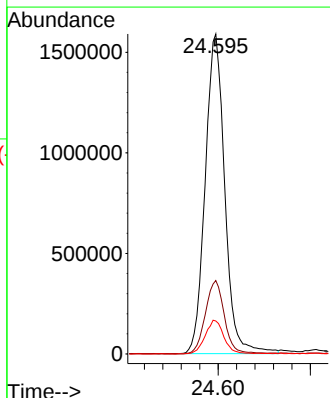
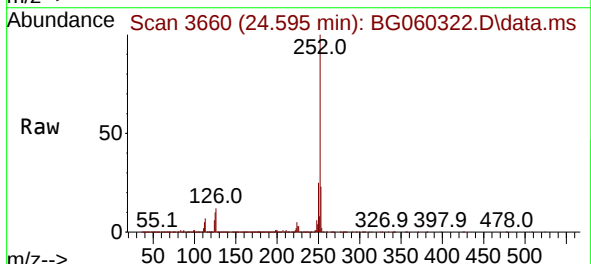
Manual Integrations
APPROVED

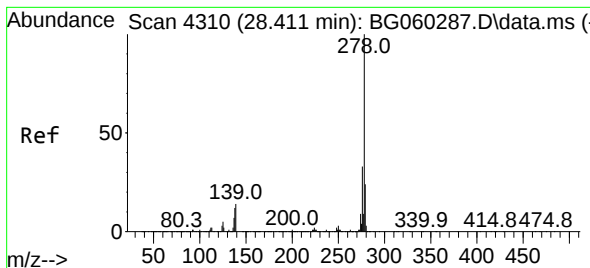
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#90
Benzo(a)pyrene
Concen: 44.315 ng
RT: 24.595 min Scan# 3660
Delta R.T. 0.003 min
Lab File: BG060322.D
Acq: 12 Jan 2024 19:11

Tgt Ion:252 Resp: 4703854
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 10.3 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 44.839 ng

RT: 28.414 min Scan# 41

Delta R.T. 0.003 min

Lab File: BG060322.D

Acq: 12 Jan 2024 19:11

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:278 Resp: 506423

Ion Ratio Lower Upper

278 100

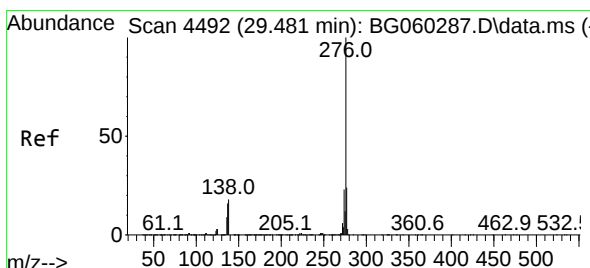
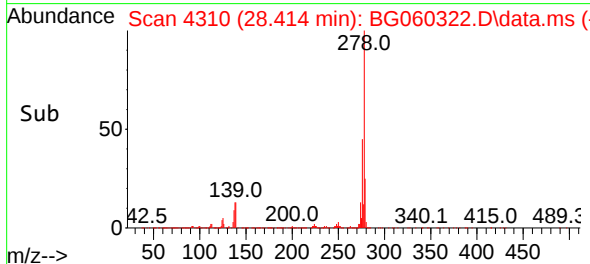
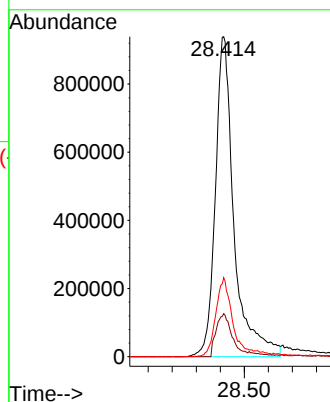
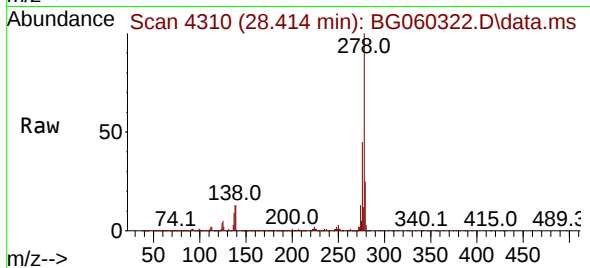
139 13.5 10.9 16.3

279 24.7 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#92

Benzo(g,h,i)perylene

Concen: 39.601 ng

RT: 29.477 min Scan# 4491

Delta R.T. -0.003 min

Lab File: BG060322.D

Acq: 12 Jan 2024 19:11

Tgt Ion:276 Resp: 4584096

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.0

138 17.1 14.2 21.4

