

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
 Data File : BG060252.D
 Acq On : 4 Jan 2024 19:41
 Operator : MA/JU
 Sample : 06031-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MR-321-10-12MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/05/2024
 Supervised By :mohammad ahmed 01/05/2024

Quant Time: Jan 05 01:45:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	189092	20.000	ng	0.00
21) Naphthalene-d8	10.742	136	812525	20.000	ng	0.00
39) Acenaphthene-d10	14.573	164	661636	20.000	ng	0.00
64) Phenanthrene-d10	17.323	188	1668336	20.000	ng	0.00
76) Chrysene-d12	21.588	240	1484814	20.000	ng	0.00
86) Perylene-d12	24.761	264	1671472	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	1220725	97.439	ng	0.00
7) Phenol-d6	7.105	99	1923060	103.383	ng	0.00
23) Nitrobenzene-d5	9.097	82	1093431	62.159	ng	0.00
42) 2,4,6-Tribromophenol	16.065	330	927657	104.741	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	2829951	61.473	ng	0.00
79) Terphenyl-d14	19.943	244	4447638	57.587	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	193482	34.713	ng	97
3) Pyridine	3.803	79	525882	33.267	ng	95
4) n-Nitrosodimethylamine	3.721	42	222462	37.724	ng	98
6) Aniline	7.264	93	881410	47.293	ng	93
8) 2-Chlorophenol	7.505	128	578283	48.029	ng	96
9) Benzaldehyde	7.076	77	157349m	14.070	ng	
10) Phenol	7.129	94	945071	50.382	ng	96
11) bis(2-Chloroethyl)ether	7.358	93	629486	41.471	ng	95
12) 1,3-Dichlorobenzene	7.822	146	584574	39.330	ng	97
13) 1,4-Dichlorobenzene	7.975	146	608004	40.463	ng	99
14) 1,2-Dichlorobenzene	8.292	146	603709	41.097	ng	99
15) Benzyl Alcohol	8.175	79	594562m	51.495	ng	
16) 2,2'-oxybis(1-Chloropr...	8.463	45	792534m	40.683	ng	
17) 2-Methylphenol	8.380	107	599767	51.063	ng	97
18) Hexachloroethane	9.021	117	199846	42.229	ng	97
19) n-Nitroso-di-n-propyla...	8.739	70	555061	43.680	ng	97
20) 3+4-Methylphenols	8.709	107	828573	49.773	ng	98
22) Acetophenone	8.756	105	1050616	43.642	ng	# 99
24) Nitrobenzene	9.138	77	778859	43.275	ng	97
25) Isophorone	9.661	82	1560849	42.410	ng	98
26) 2-Nitrophenol	9.855	139	326390	51.969	ng	99
27) 2,4-Dimethylphenol	9.908	122	530007	59.576	ng	99
28) bis(2-Chloroethoxy)met...	10.143	93	944274	43.806	ng	98
29) 2,4-Dichlorophenol	10.390	162	709896	50.491	ng	95
30) 1,2,4-Trichlorobenzene	10.601	180	705635	41.234	ng	99
31) Naphthalene	10.789	128	1845875	43.031	ng	99
32) Benzoic acid	10.055	122	393372m	49.163	ng	
33) 4-Chloroaniline	10.901	127	682778	40.756	ng	99
34) Hexachlorobutadiene	11.077	225	397454	39.051	ng	96
35) Caprolactam	11.671	113	251461m	53.766	ng	
36) 4-Chloro-3-methylphenol	12.023	107	752089	51.977	ng	97
37) 2-Methylnaphthalene	12.399	142	1394555	45.009	ng	99
38) 1-Methylnaphthalene	12.616	142	1375945	43.923	ng	97
40) 1,2,4,5-Tetrachloroben...	12.763	216	912810	43.070	ng	98
41) Hexachlorocyclopentadiene	12.746	237	849260	123.974	ng	99
43) 2,4,6-Trichlorophenol	13.004	196	661472	47.495	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.081	196	733676	47.091	ng	99
46) 1,1'-Biphenyl	13.410	154	2144792	44.060	ng	98
47) 2-Chloronaphthalene	13.451	162	1752343	42.252	ng	100
48) 2-Nitroaniline	13.656	65	559148	51.589	ng	99
49) Acenaphthylene	14.297	152	2843106	47.578	ng	98
50) Dimethylphthalate	14.032	163	2278102	44.596	ng	99
51) 2,6-Dinitrotoluene	14.150	165	503239	47.363	ng	98
52) Acenaphthene	14.644	154	1607403	43.106	ng	98
53) 3-Nitroaniline	14.485	138	432651	43.214	ng	98
54) 2,4-Dinitrophenol	14.685	184	611441	96.882	ng	98
55) Dibenzofuran	14.973	168	2810698	44.999	ng	98
56) 4-Nitrophenol	14.790	139	854628	112.930	ng	96
57) 2,4-Dinitrotoluene	14.937	165	731922	50.660	ng	97
58) Fluorene	15.625	166	2304326	44.981	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.202	232	679969	50.073	ng	99
60) Diethylphthalate	15.396	149	2212088	45.409	ng	100
61) 4-Chlorophenyl-phenyle...	15.613	204	1167565	43.770	ng	98
62) 4-Nitroaniline	15.648	138	534026	50.609	ng	95
63) Azobenzene	15.907	77	2273054	45.006	ng	99
65) 4,6-Dinitro-2-methylph...	15.701	198	421274	50.465	ng	95
66) n-Nitrosodiphenylamine	15.830	169	2037102	45.313	ng	98
67) 4-Bromophenyl-phenylether	16.512	248	763467	43.163	ng	97
68) Hexachlorobenzene	16.629	284	865382	41.728	ng	98
69) Atrazine	16.782	200	807114	48.848	ng	99
70) Pentachlorophenol	16.970	266	1116894	98.036	ng	95
71) Phenanthrene	17.364	178	3651703	44.282	ng	99
72) Anthracene	17.458	178	3734563	45.592	ng	96
73) Carbazole	17.728	167	3466393	44.618	ng	97
74) Di-n-butylphthalate	18.286	149	3565418	47.357	ng	97
75) Fluoranthene	19.379	202	4098068	42.367	ng	96
77) Benzidine	19.561	184	2618245	63.713	ng	98
78) Pyrene	19.743	202	4284524	42.926	ng	95
80) Butylbenzylphthalate	20.631	149	1688477	57.372	ng	98
81) Benzo(a)anthracene	21.571	228	4201984	44.510	ng	97
82) 3,3'-Dichlorobenzidine	21.488	252	1454774	42.376	ng	100
83) Chrysene	21.635	228	4017974	43.808	ng	97
84) Bis(2-ethylhexyl)phtha...	21.477	149	2447901	54.847	ng	100
85) Di-n-octyl phthalate	22.675	149	4111163	56.274	ng	99
87) Indeno(1,2,3-cd)pyrene	28.386	276	5395286	45.784	ng	99
88) Benzo(b)fluoranthene	23.756	252	4496681	44.767	ng	98
89) Benzo(k)fluoranthene	23.827	252	4344330	42.971	ng	99
90) Benzo(a)pyrene	24.620	252	4090164	45.009	ng	99
91) Dibenzo(a,h)anthracene	28.451	278	4445337	45.911	ng	98
92) Benzo(g,h,i)perylene	29.526	276	4324603	44.095	ng	99

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

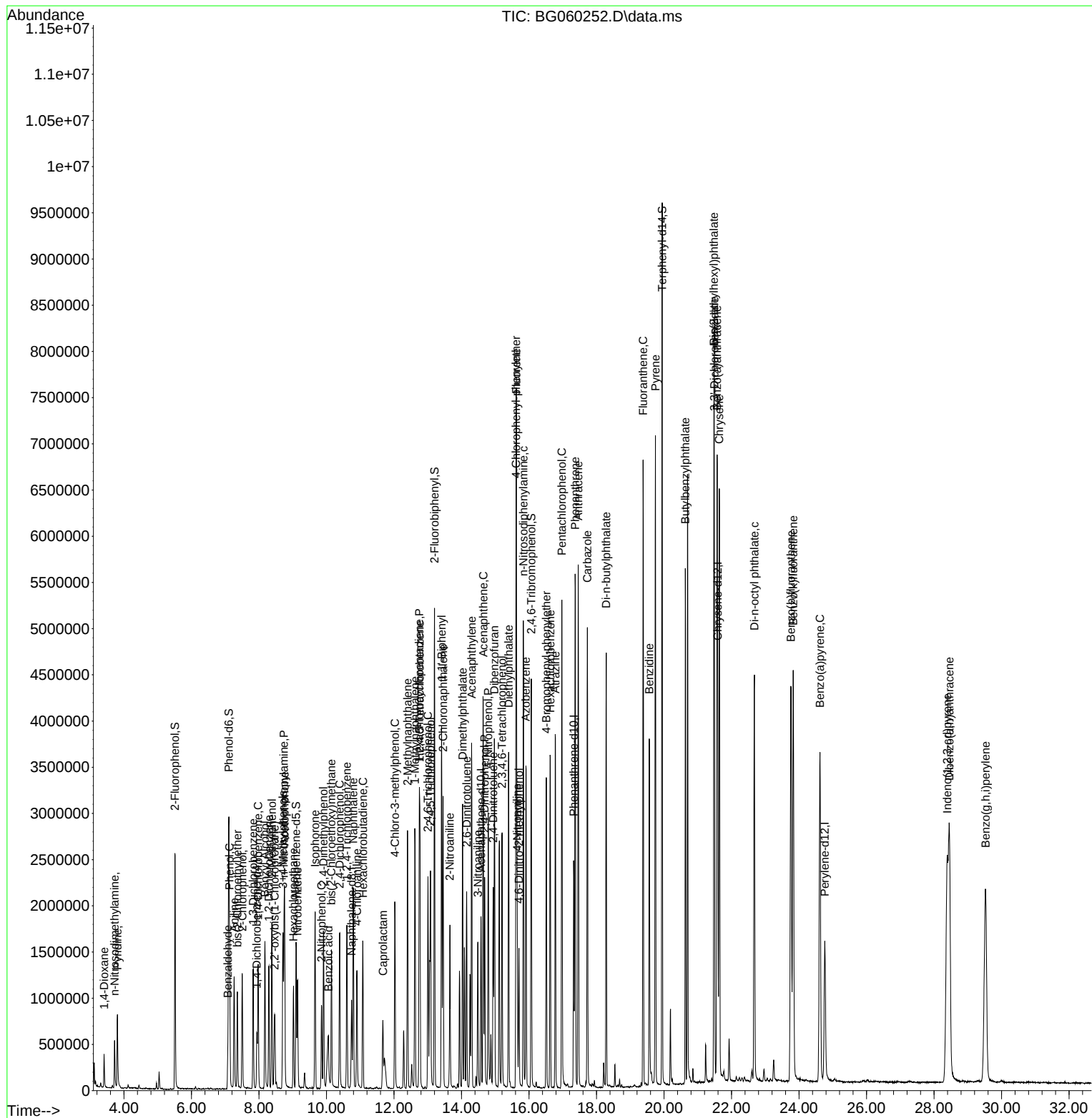
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Data File : BG060252.D
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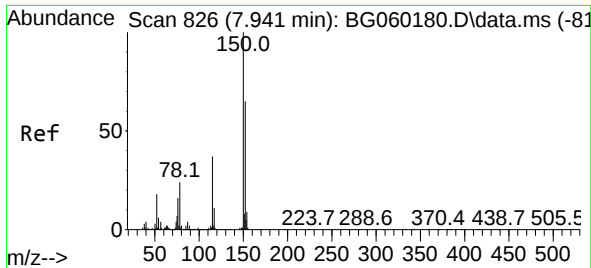
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ClientSampleId :
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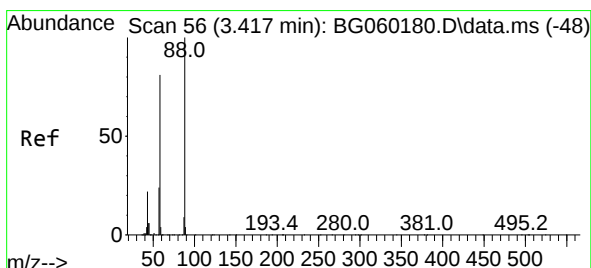
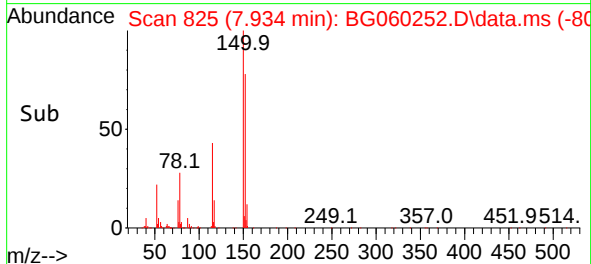
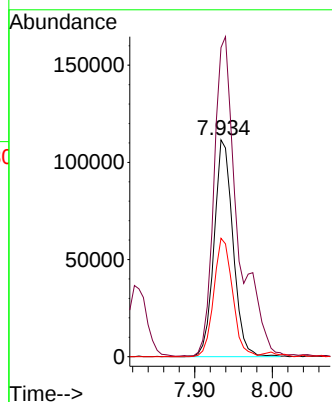
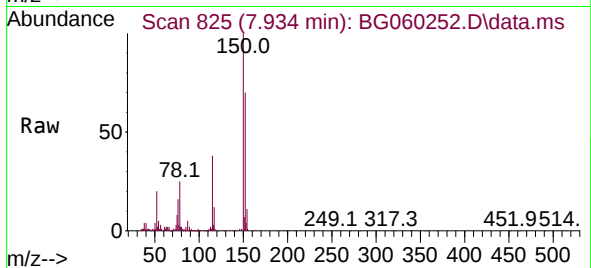
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.934 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BG060252.D
 Acq: 4 Jan 2024 19:41

Instrument :
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Tgt Ion:152 Resp: 189092
 Ion Ratio Lower Upper
 152 100
 150 142.6 123.4 185.0
 115 54.6 45.4 68.0

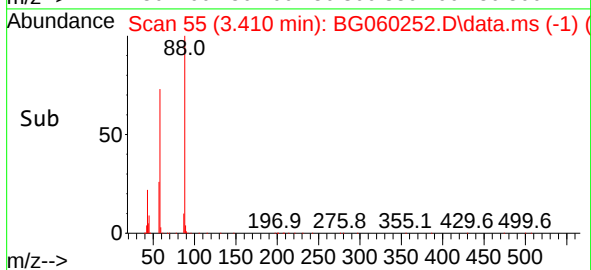
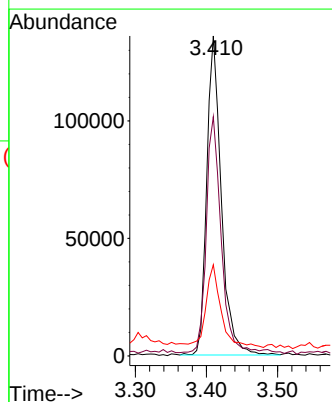
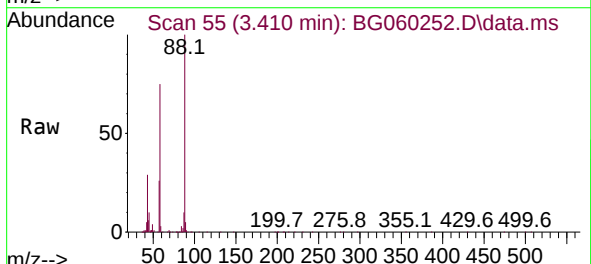
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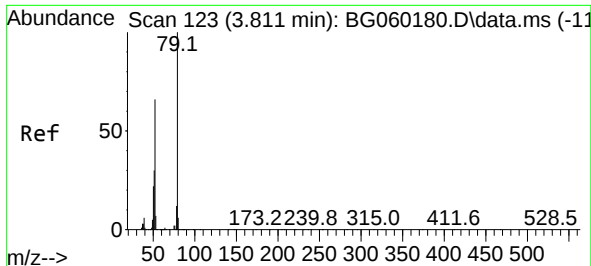
Reviewed By :Yogesh Patel 01/05/2024
 Supervised By :mohammad ahmed 01/05/2024



#2
 1,4-Dioxane
 Concen: 34.713 ng
 RT: 3.410 min Scan# 55
 Delta R.T. -0.007 min
 Lab File: BG060252.D
 Acq: 4 Jan 2024 19:41

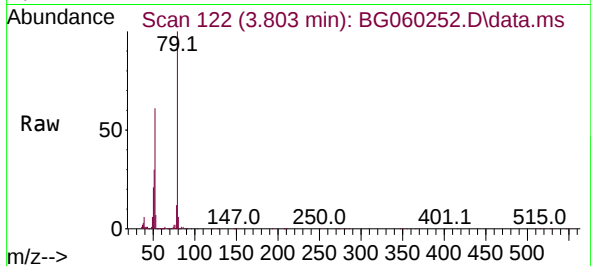
Tgt Ion: 88 Resp: 193482
 Ion Ratio Lower Upper
 88 100
 58 74.5 60.5 90.7
 43 27.0 18.9 28.3





#3
Pyridine
Concen: 33.267 ng
RT: 3.803 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

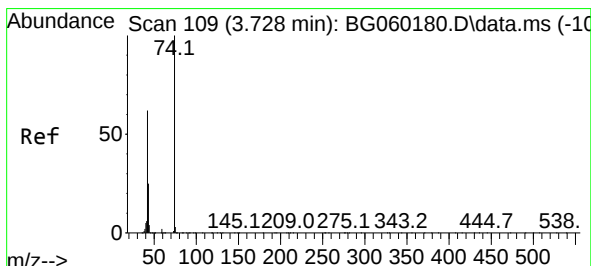
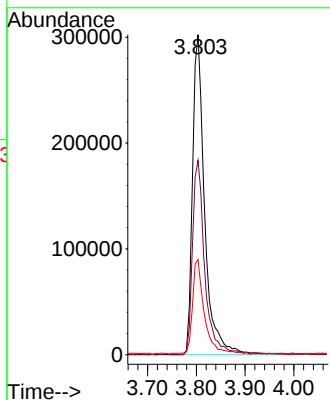
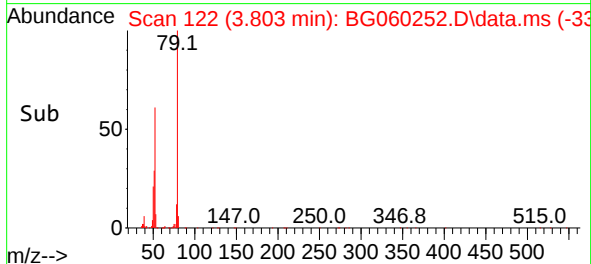
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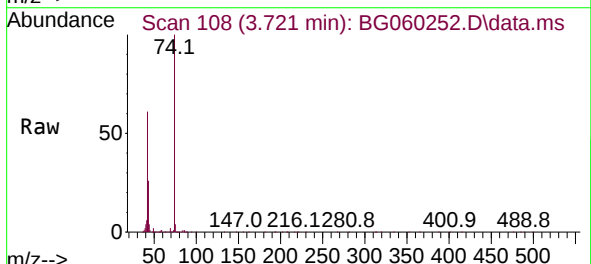
Tgt Ion: 79 Resp: 52588
Ion Ratio Lower Upper
79 100
52 60.7 52.9 79.3
51 29.7 24.6 37.0

Manual Integrations
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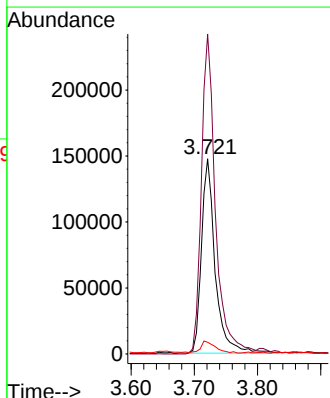
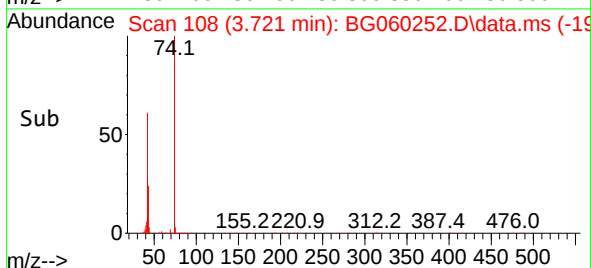
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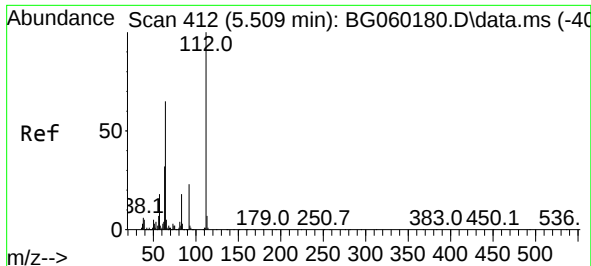


#4
n-Nitrosodimethylamine
Concen: 37.724 ng
RT: 3.721 min Scan# 108
Delta R.T. -0.007 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41



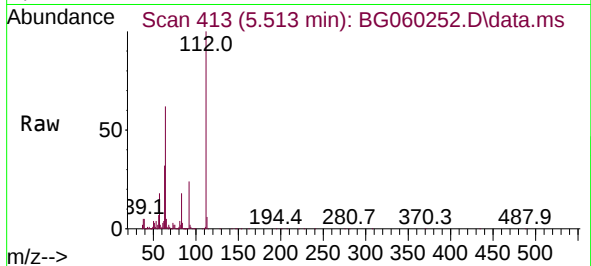
Tgt Ion: 42 Resp: 222462
Ion Ratio Lower Upper
42 100
74 163.9 129.5 194.3
44 6.0 5.9 8.9





#5
2-Fluorophenol
Concen: 97.439 ng
RT: 5.513 min Scan# 412
Delta R.T. 0.004 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

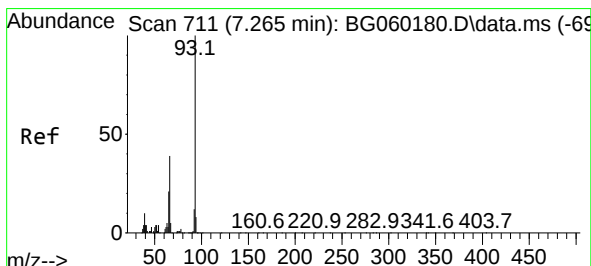
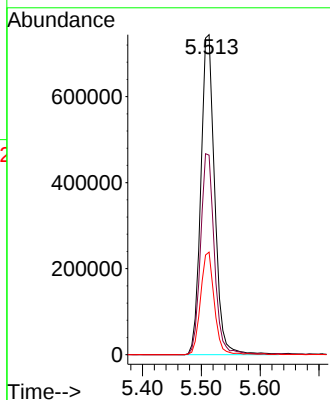
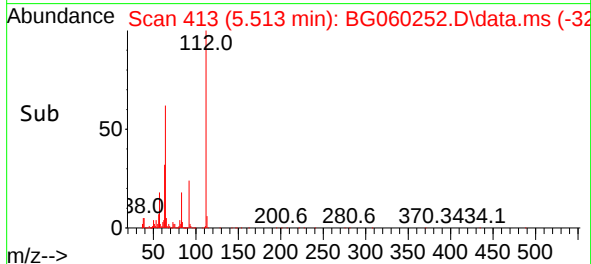
Instrument :
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Tgt Ion: 112 Resp: 122072
Ion Ratio Lower Upper
112 100
64 62.3 52.2 78.4
63 32.0 25.4 38.0

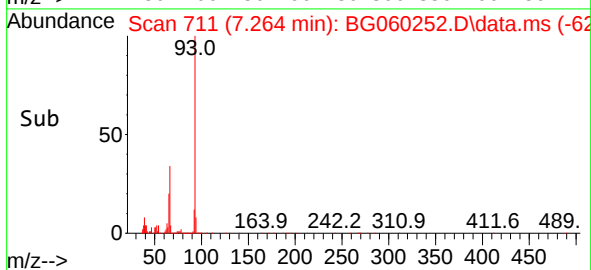
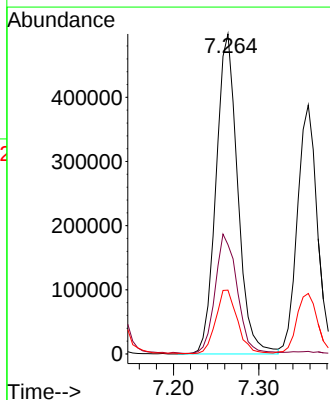
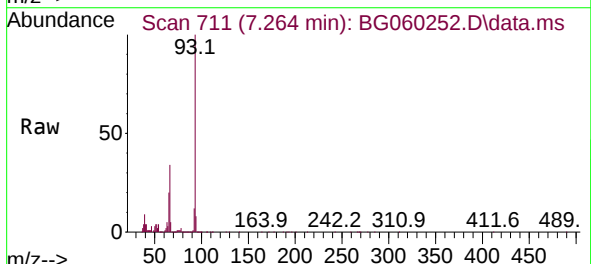
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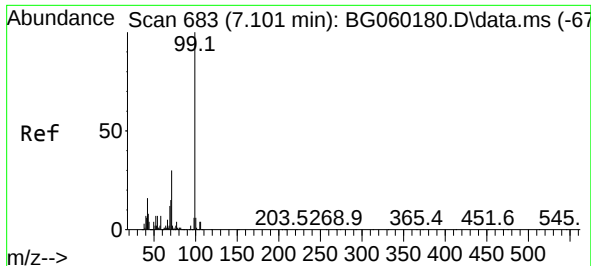
Reviewed By :Yogesh Patel 01/05/2024
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#6
Aniline
Concen: 47.293 ng
RT: 7.264 min Scan# 711
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

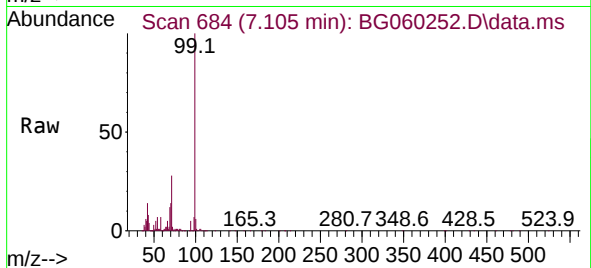
Tgt Ion: 93 Resp: 881410
Ion Ratio Lower Upper
93 100
66 34.1 31.7 47.5
65 20.0 16.7 25.1





#7
Phenol-d6
Concen: 103.383 ng
RT: 7.105 min Scan# 684
Delta R.T. 0.004 min
Lab File: BG060252.D
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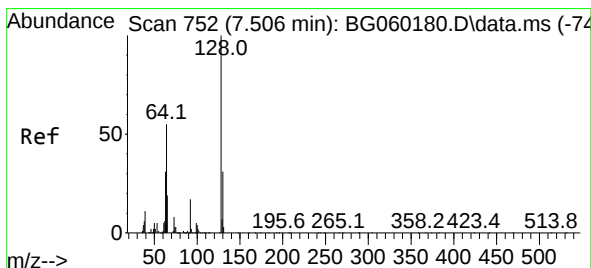
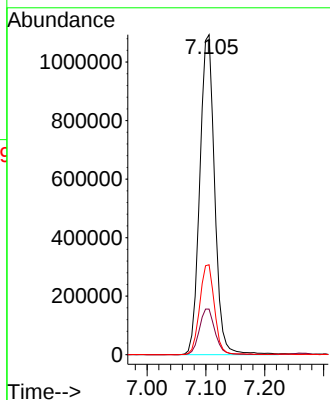
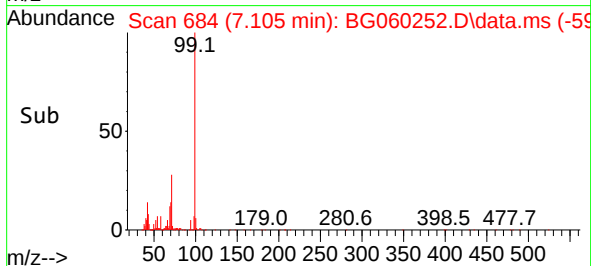
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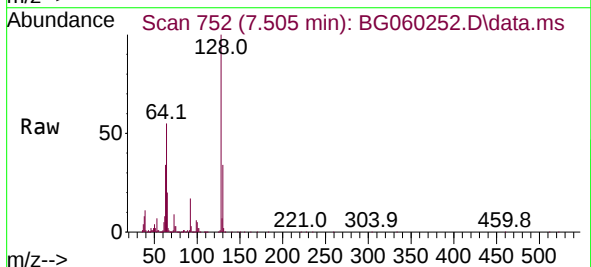
Tgt Ion: 99 Resp: 1923060
Ion Ratio Lower Upper
99 100
42 14.3 12.5 18.7
71 28.1 24.1 36.1

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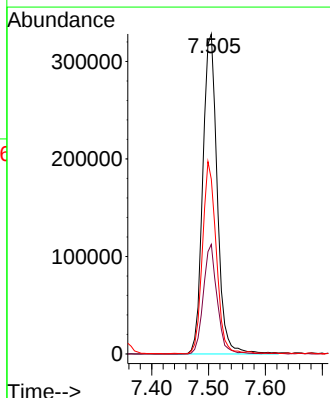
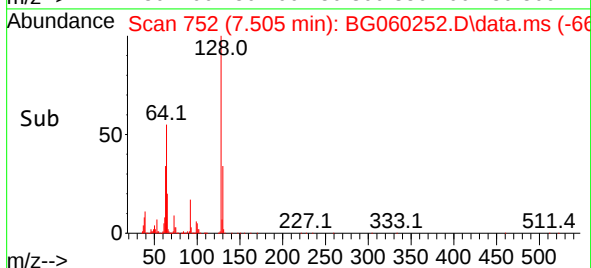
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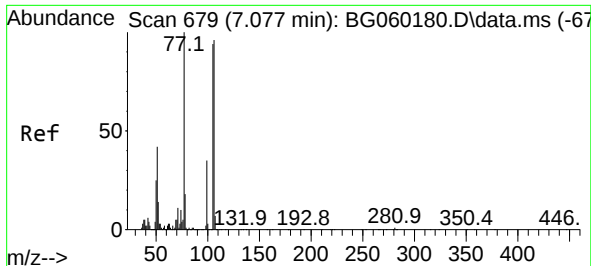


#8
2-Chlorophenol
Concen: 48.029 ng
RT: 7.505 min Scan# 752
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41



Tgt Ion:128 Resp: 578283
Ion Ratio Lower Upper
128 100
130 34.3 11.3 51.3
64 54.6 36.4 76.4





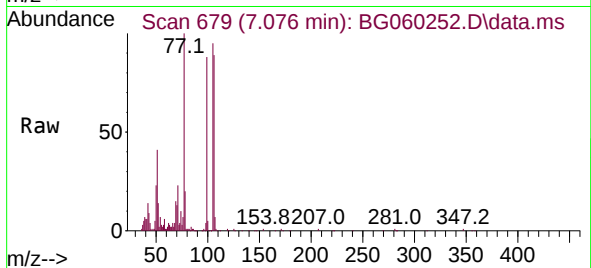
#9
Benzaldehyde
Concen: 14.070 ng m
RT: 7.076 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG060252.D
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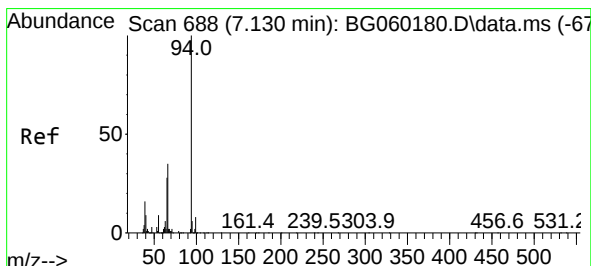
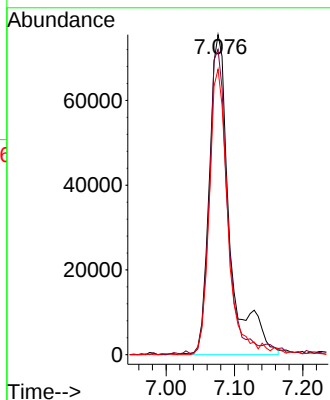
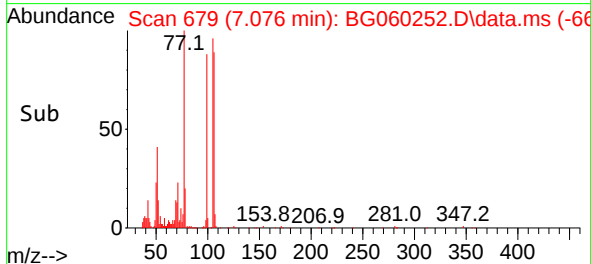
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Ion Ratio Lower Upper
77 100
105 95.4 73.8 113.8
106 89.2 76.2 116.2

Manual Integrations

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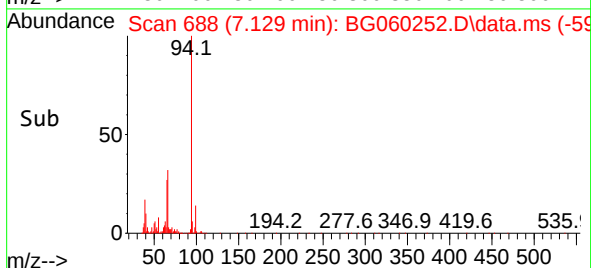
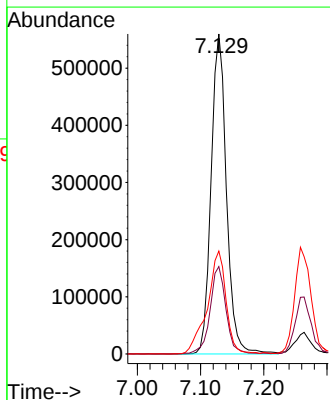
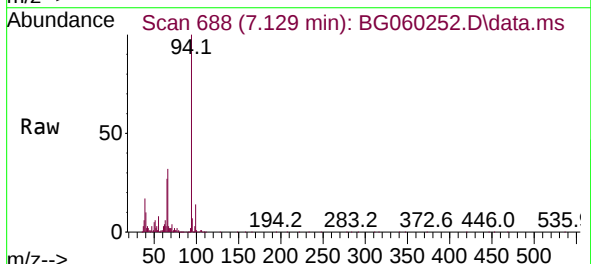
Reviewed By :Yogesh Patel 01/05/2024

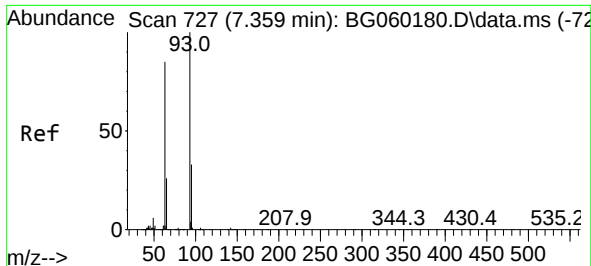
Supervised By :mohammad ahmed 01/05/2024



#10
Phenol
Concen: 50.382 ng
RT: 7.129 min Scan# 688
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

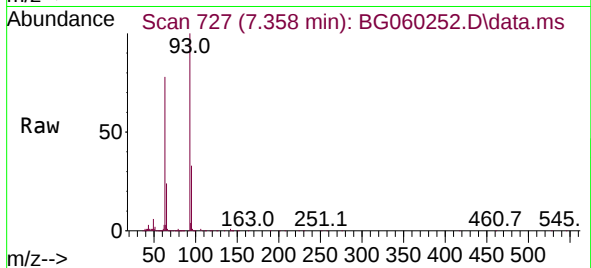
Tgt Ion: 94 Resp: 945071
Ion Ratio Lower Upper
94 100
65 27.3 8.4 48.4
66 32.2 15.0 55.0





#11
bis(2-Chloroethyl)ether
Concen: 41.471 ng
RT: 7.358 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

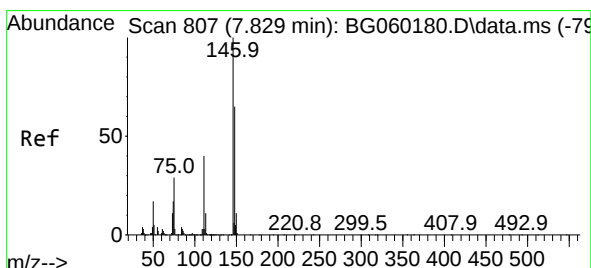
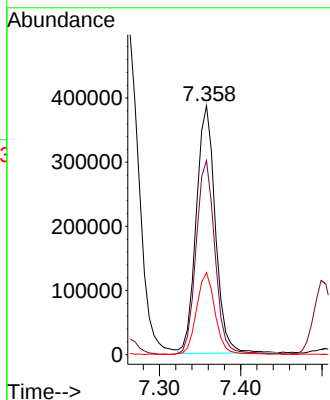
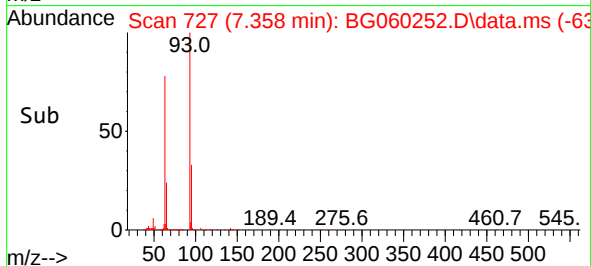
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MSD



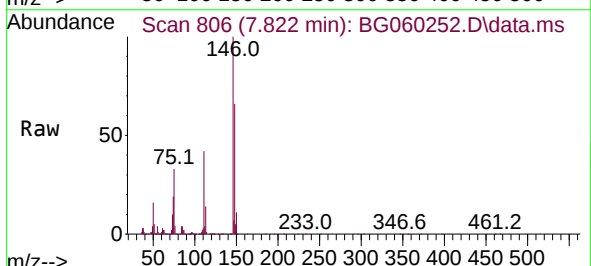
Tgt Ion: 93 Resp: 629480
Ion Ratio Lower Upper
93 100
63 78.1 63.8 103.8
95 33.0 12.3 52.3

Manual Integrations
APPROVED

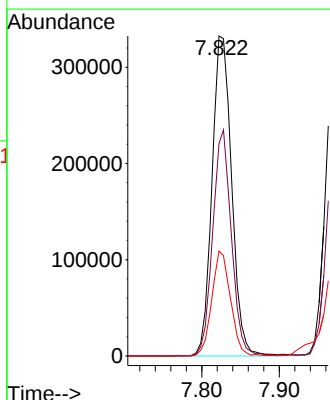
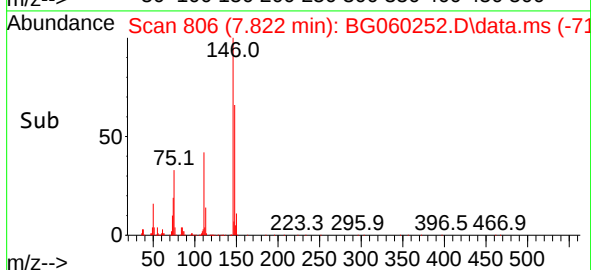
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

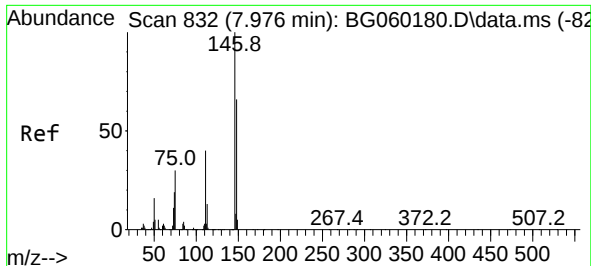


#12
1,3-Dichlorobenzene
Concen: 39.330 ng
RT: 7.822 min Scan# 806
Delta R.T. -0.007 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41



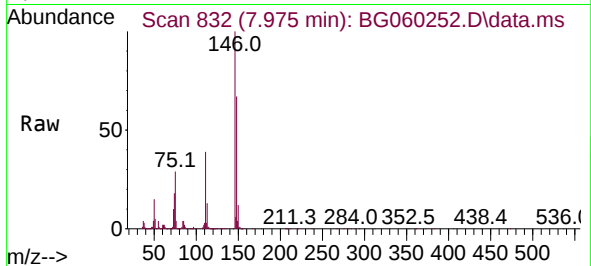
Tgt Ion:146 Resp: 584574
Ion Ratio Lower Upper
146 100
148 66.3 52.2 78.4
75 32.8 23.4 35.2





#13
1,4-Dichlorobenzene
Concen: 40.463 ng
RT: 7.975 min Scan# 811
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

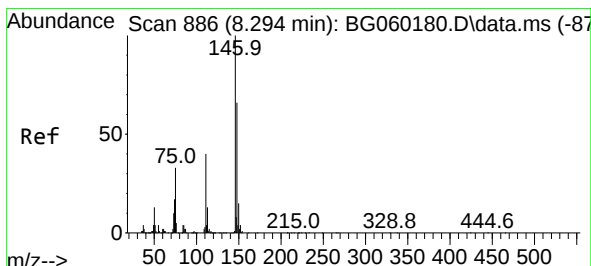
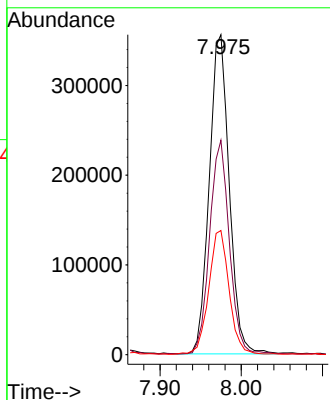
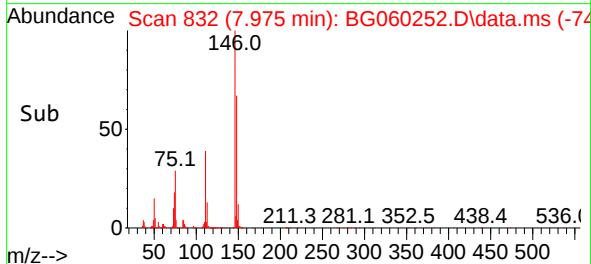
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MSD



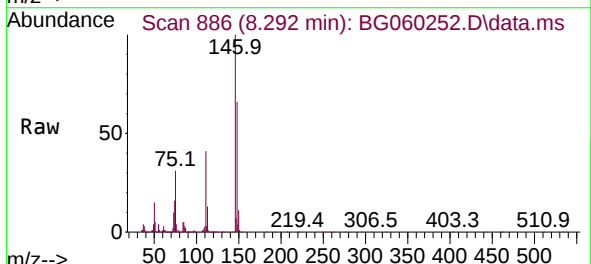
Tgt Ion:146 Resp: 608004
Ion Ratio Lower Upper
146 100
148 67.0 53.0 79.4
111 38.8 32.0 48.0

Manual Integrations
APPROVED

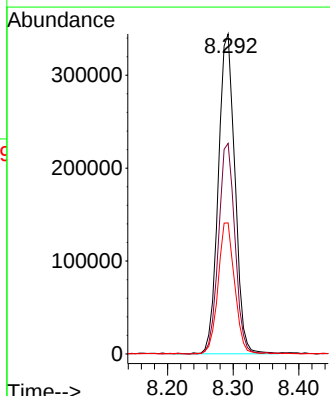
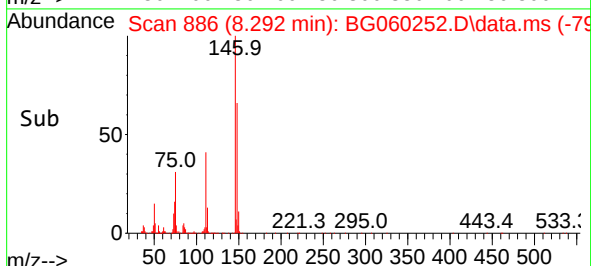
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

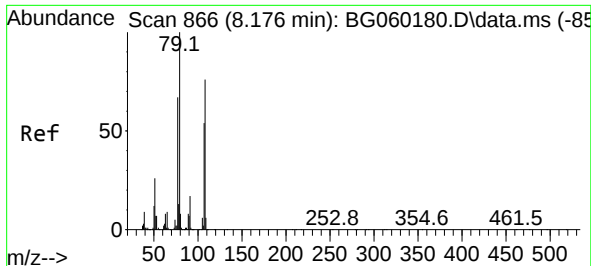


#14
1,2-Dichlorobenzene
Concen: 41.097 ng
RT: 8.292 min Scan# 886
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41



Tgt Ion:146 Resp: 603709
Ion Ratio Lower Upper
146 100
148 65.8 52.9 79.3
111 41.0 31.8 47.8





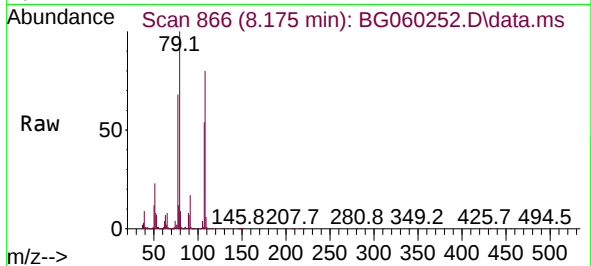
#15
Benzyl Alcohol
Concen: 51.495 ng m
RT: 8.175 min Scan# 866
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Instrument :

BNA_G

ClientSampleId :

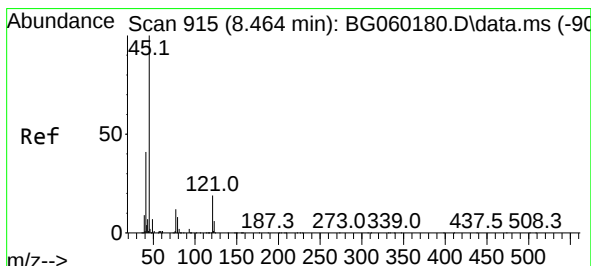
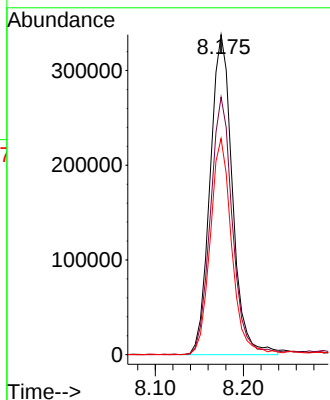
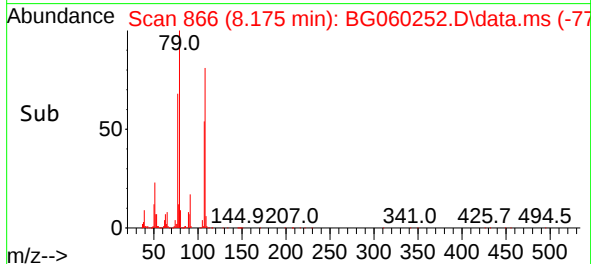
MR-321-10-12MSD



Tgt Ion: 79 Resp: 594562
Ion Ratio Lower Upper
79 100
108 80.5 60.6 91.0
77 67.6 53.8 80.6

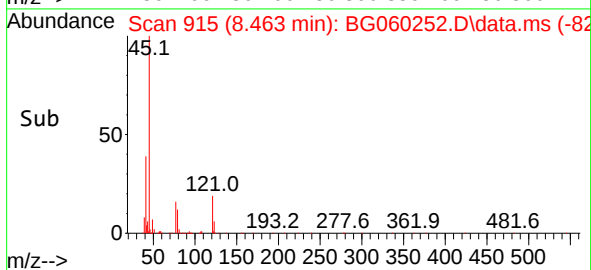
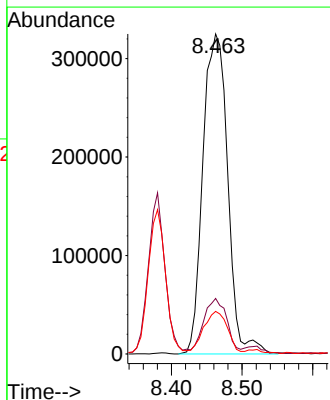
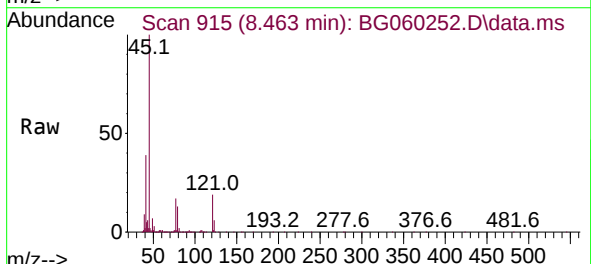
Manual Integrations
APPROVED

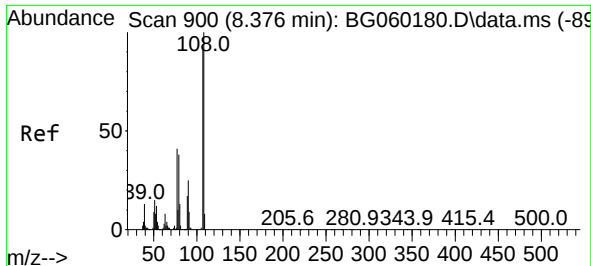
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.683 ng m
RT: 8.463 min Scan# 915
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Tgt Ion: 45 Resp: 792534
Ion Ratio Lower Upper
45 100
77 17.3 0.0 35.5
79 13.3 0.0 31.5





#17

2-Methylphenol

Concen: 51.063 ng

RT: 8.380 min Scan# 900

Delta R.T. 0.004 min

Lab File: BG060252.D

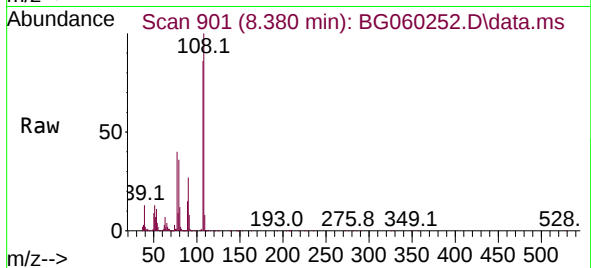
Acq: 4 Jan 2024 19:41

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MSD



Tgt Ion:107 Resp: 59976

Ion Ratio Lower Upper

107 100

108 115.6 88.7 133.1

77 46.6 36.4 54.6

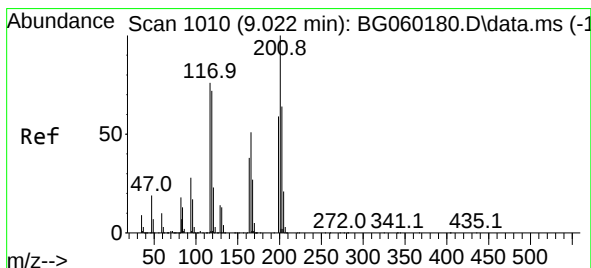
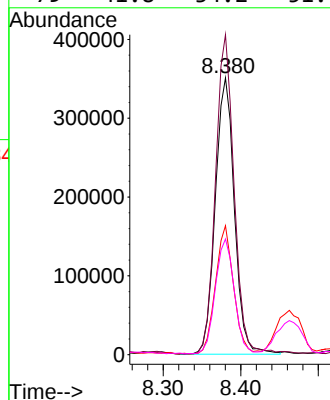
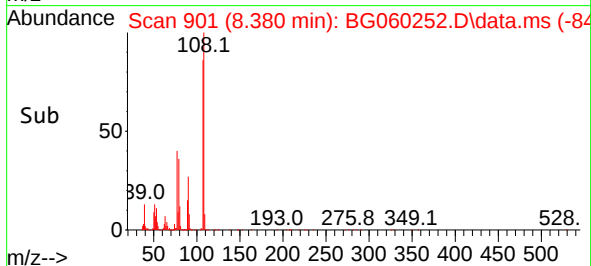
79 41.8 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#18

Hexachloroethane

Concen: 42.229 ng

RT: 9.021 min Scan# 1010

Delta R.T. -0.002 min

Lab File: BG060252.D

Acq: 4 Jan 2024 19:41

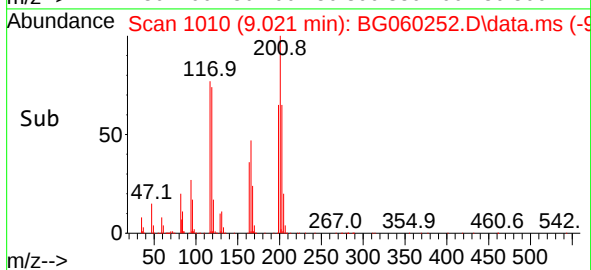
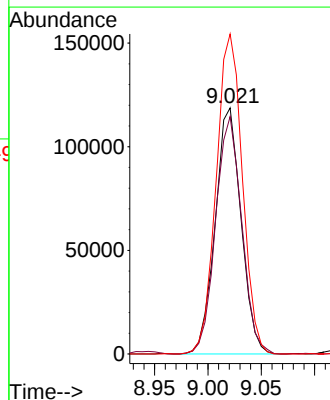
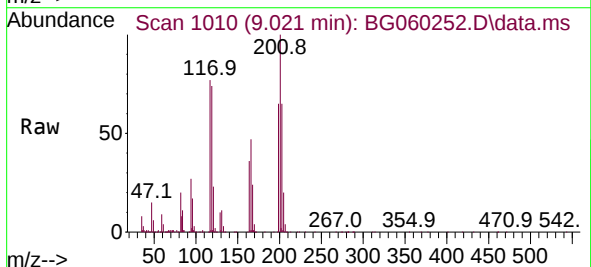
Tgt Ion:117 Resp: 199846

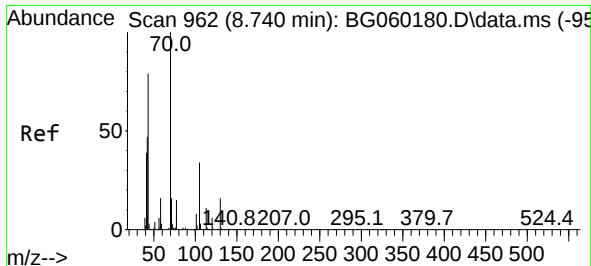
Ion Ratio Lower Upper

117 100

119 96.5 76.0 114.0

201 130.1 107.5 161.3





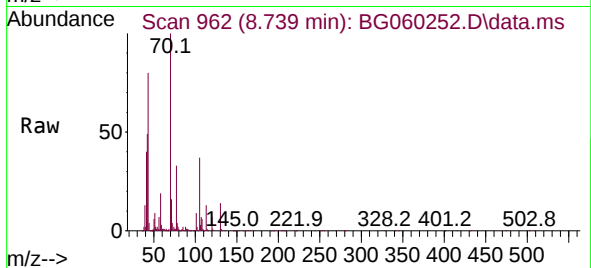
#19
n-Nitroso-di-n-propylamine
Concen: 43.680 ng
RT: 8.739 min Scan# 90
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Instrument :

BNA_G

ClientSampleId :

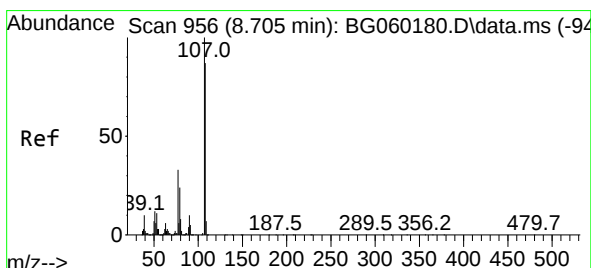
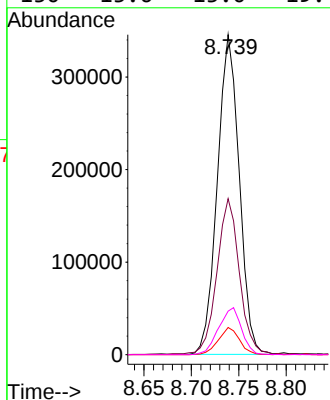
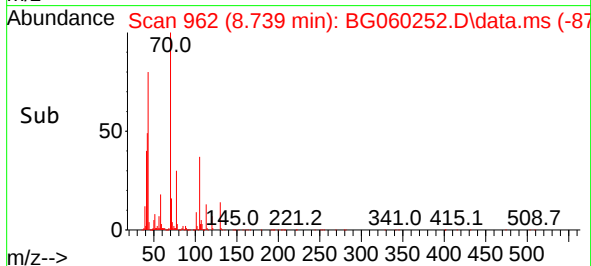
MR-321-10-12MSD



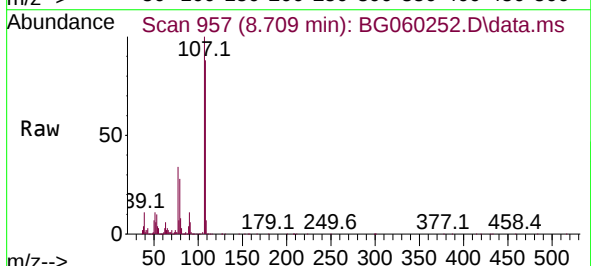
Tgt Ion: 70 Resp: 55506
Ion Ratio Lower Upper
70 100
42 48.8 37.9 56.9
101 8.5 6.2 9.2
130 13.6 13.0 19.4

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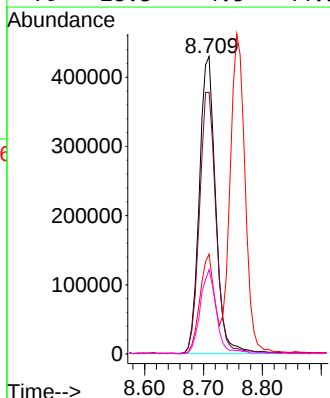
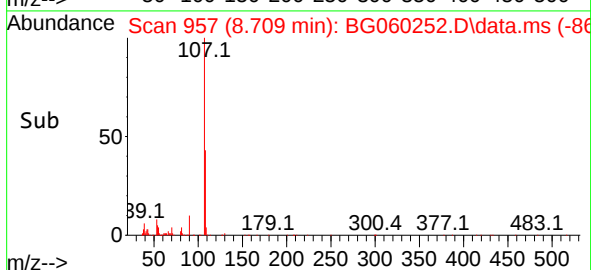
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

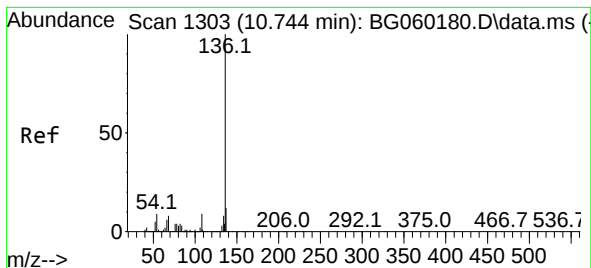


#20
3+4-Methylphenols
Concen: 49.773 ng
RT: 8.709 min Scan# 957
Delta R.T. 0.004 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41



Tgt Ion:107 Resp: 828573
Ion Ratio Lower Upper
107 100
108 87.9 67.4 107.4
77 33.5 12.8 52.8
79 28.3 4.5 44.5





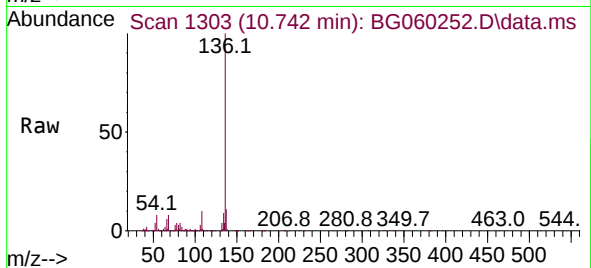
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.742 min Scan# 1303
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Instrument :

BNA_G

ClientSampleId :

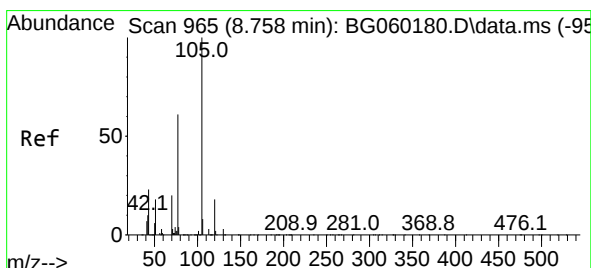
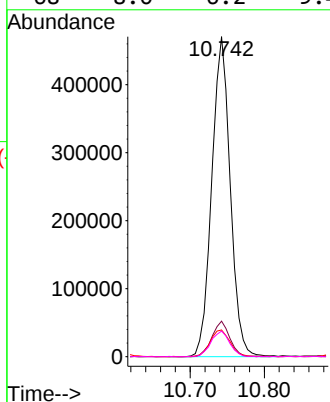
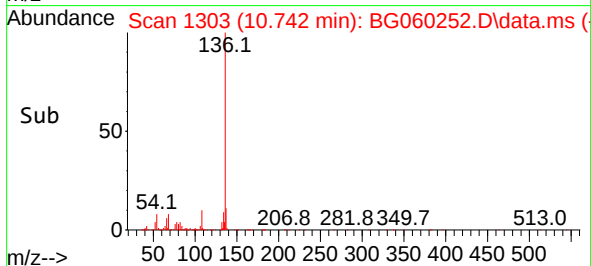
MR-321-10-12MSD



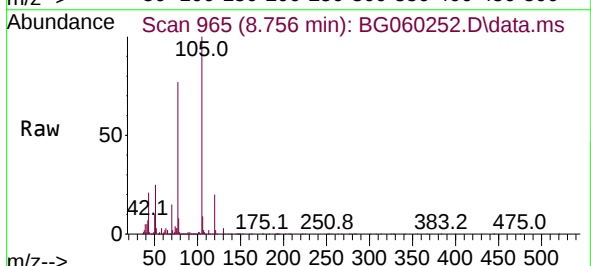
Tgt Ion:136 Resp: 812529
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.0
54 8.3 7.4 11.2
68 8.0 6.2 9.4

Manual Integrations
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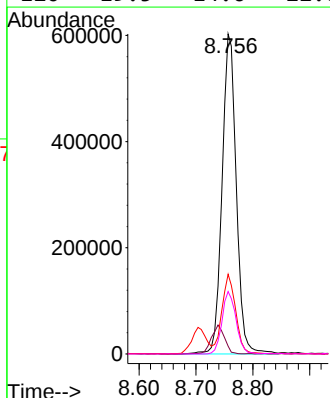
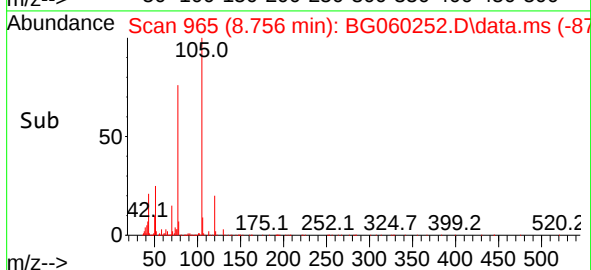
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

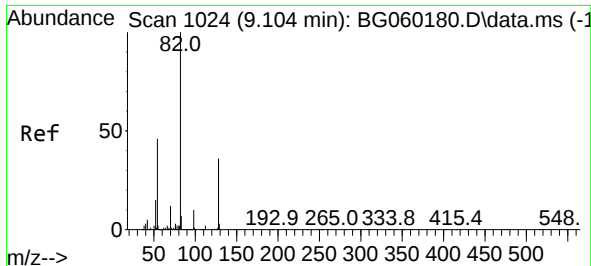


#22
Acetophenone
Concen: 43.642 ng
RT: 8.756 min Scan# 965
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41



Tgt Ion:105 Resp: 1050616
Ion Ratio Lower Upper
105 100
71 2.4 2.6 3.8#
51 24.9 20.0 30.0
120 19.5 14.6 22.0





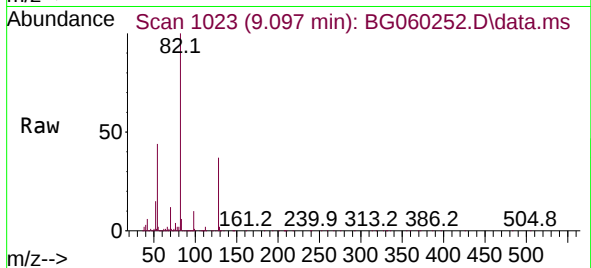
#23
Nitrobenzene-d5
Concen: 62.159 ng
RT: 9.097 min Scan# 1023
Delta R.T. -0.007 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Instrument :

BNA_G

ClientSampleId :

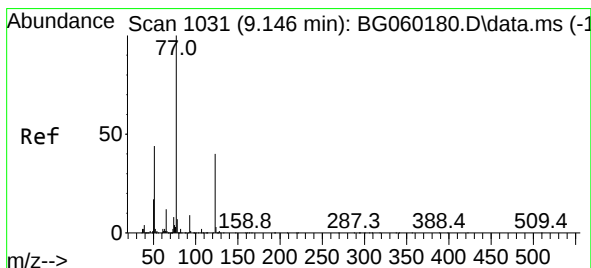
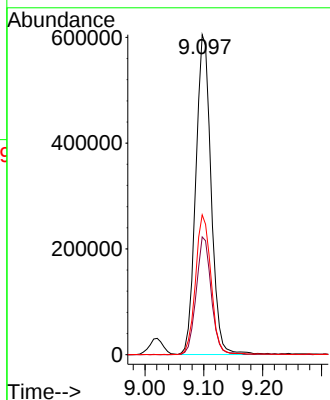
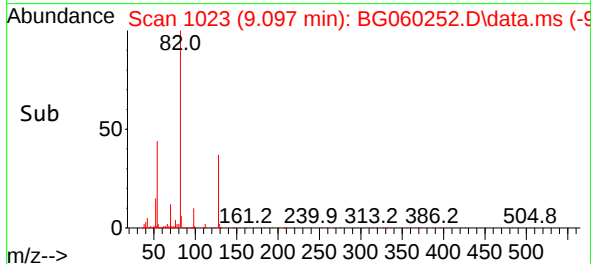
MR-321-10-12MSD



Tgt Ion: 82 Resp: 109343
Ion Ratio Lower Upper
82 100
128 36.8 28.7 43.1
54 43.7 36.9 55.3

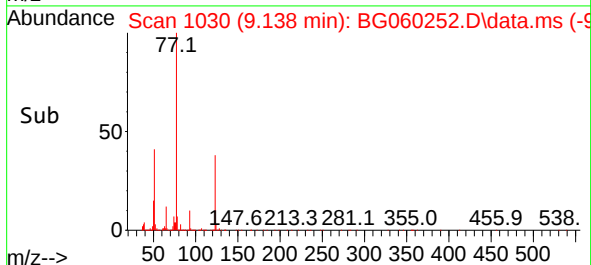
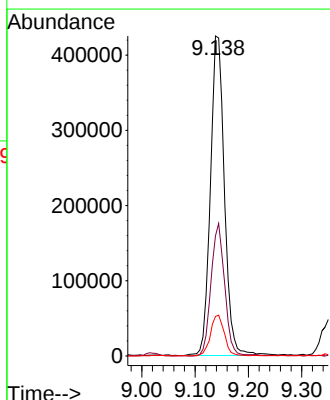
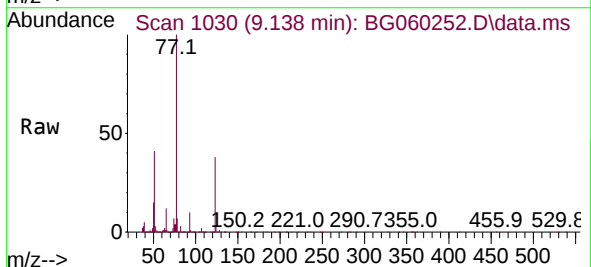
Manual Integrations
APPROVED

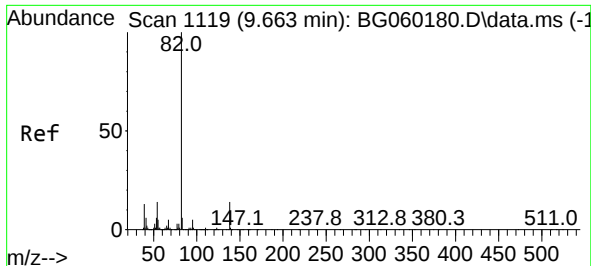
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#24
Nitrobenzene
Concen: 43.275 ng
RT: 9.138 min Scan# 1030
Delta R.T. -0.007 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Tgt Ion: 77 Resp: 778859
Ion Ratio Lower Upper
77 100
123 37.6 31.9 47.9
65 12.4 9.9 14.9





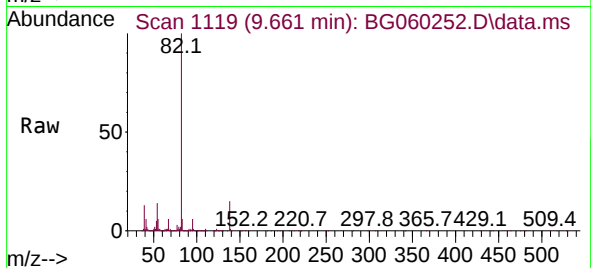
#25
Isophorone
Concen: 42.410 ng
RT: 9.661 min Scan# 1119
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MSD



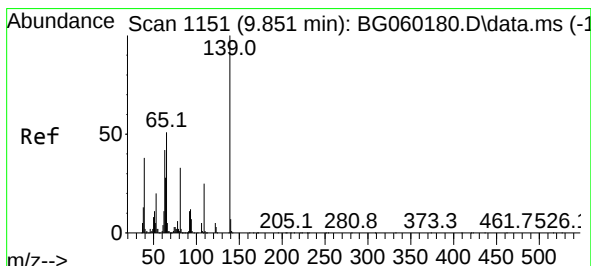
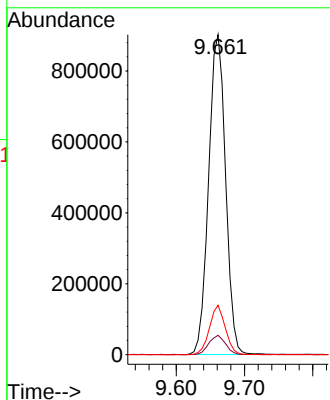
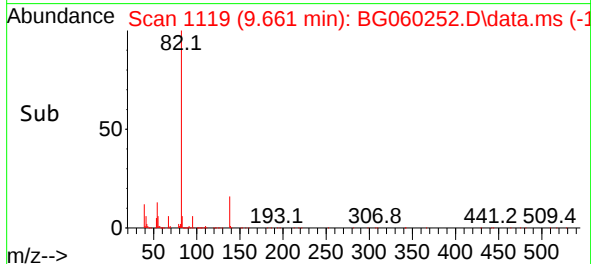
Tgt Ion: 82 Resp: 1560849
Ion Ratio Lower Upper
82 100
95 6.0 4.4 6.6
138 15.5 11.5 17.3

Manual Integrations

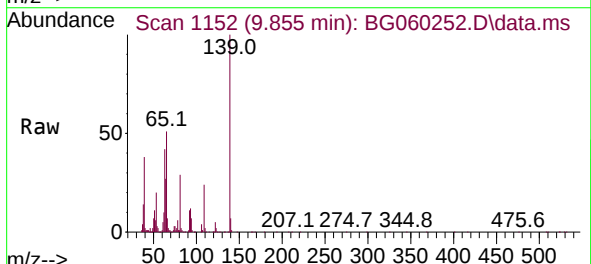
APPROVED

Reviewed By :Yogesh Patel 01/05/2024

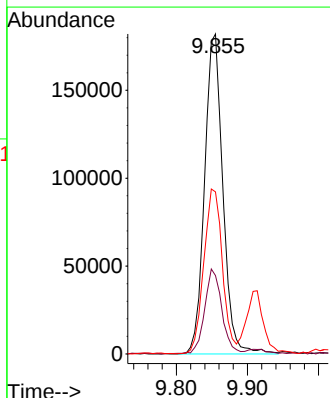
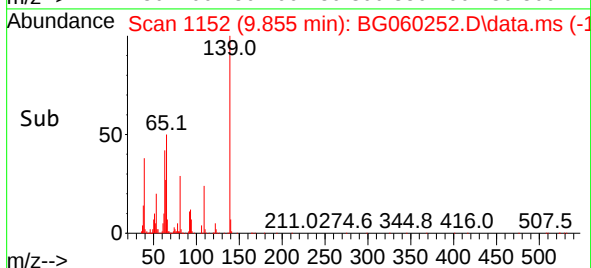
Supervised By :mohammad ahmed 01/05/2024

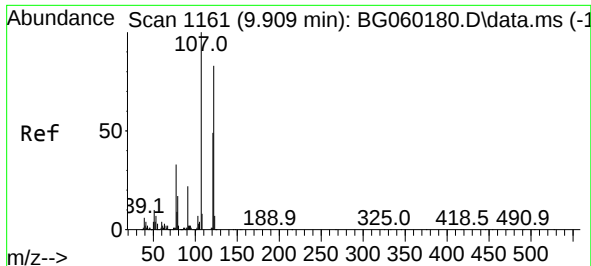


#26
2-Nitrophenol
Concen: 51.969 ng
RT: 9.855 min Scan# 1152
Delta R.T. 0.004 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41



Tgt Ion:139 Resp: 326390
Ion Ratio Lower Upper
139 100
109 24.5 19.8 29.8
65 50.6 40.8 61.2





#27
2,4-Dimethylphenol
Concen: 59.576 ng
RT: 9.908 min Scan# 1161
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Instrument :

BNA_G

ClientSampleId :

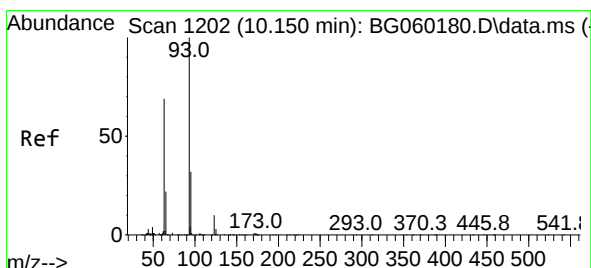
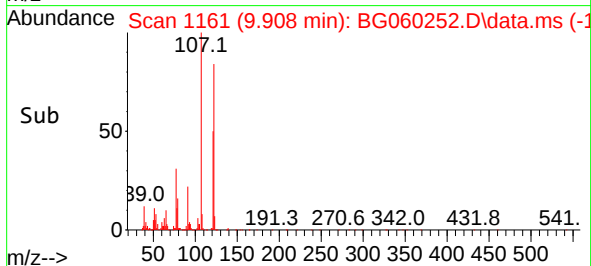
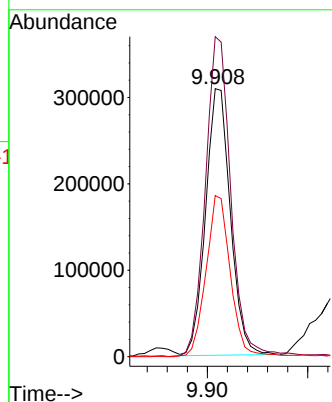
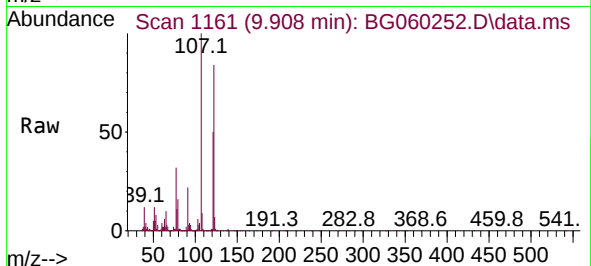
MR-321-10-12MSD

Tgt Ion:122 Resp: 53000
Ion Ratio Lower Upper
122 100
107 119.4 95.8 143.6
121 60.1 46.2 69.4

Manual Integrations

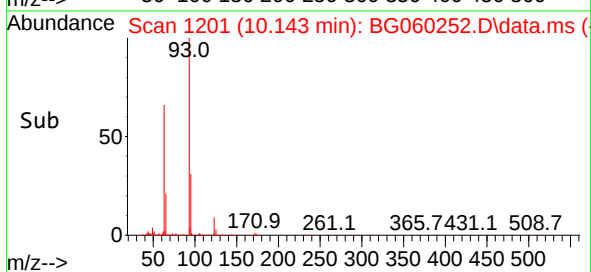
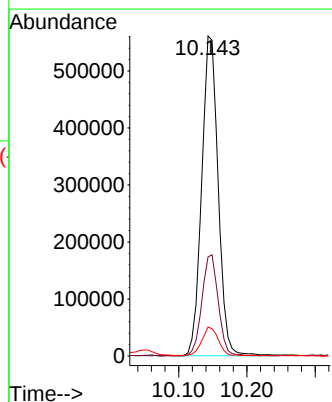
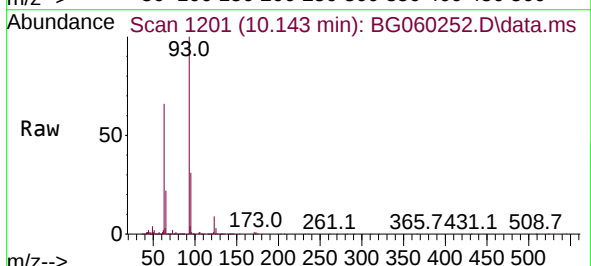
APPROVED

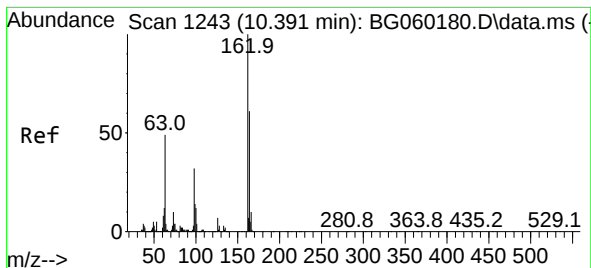
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.806 ng
RT: 10.143 min Scan# 1201
Delta R.T. -0.007 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Tgt Ion: 93 Resp: 944274
Ion Ratio Lower Upper
93 100
95 31.0 25.8 38.6
123 9.0 7.8 11.6





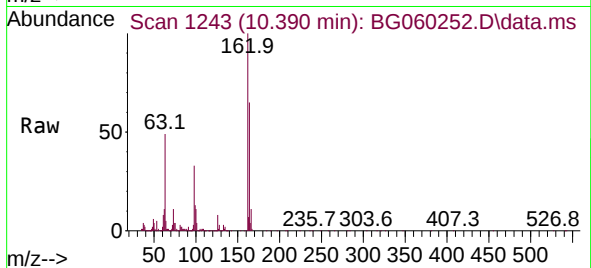
#29
2,4-Dichlorophenol
Concen: 50.491 ng
RT: 10.390 min Scan# 1243
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MSD

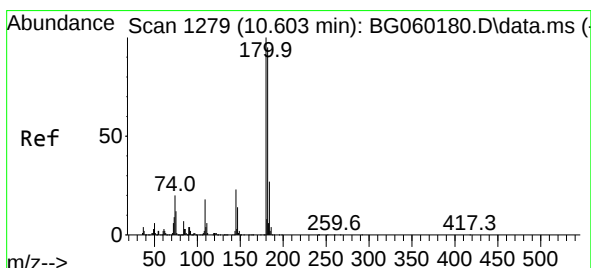
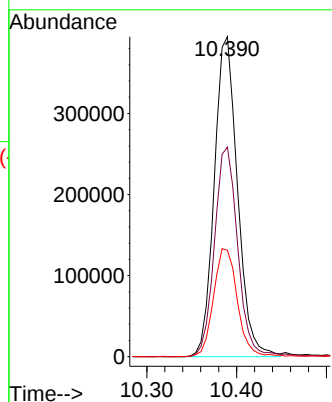
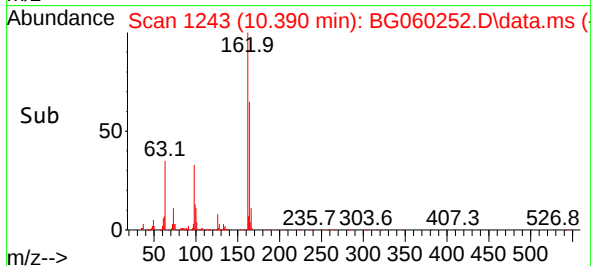


Tgt Ion:162 Resp: 709890
Ion Ratio Lower Upper
162 100
164 65.5 40.7 80.7
98 33.2 11.7 51.7

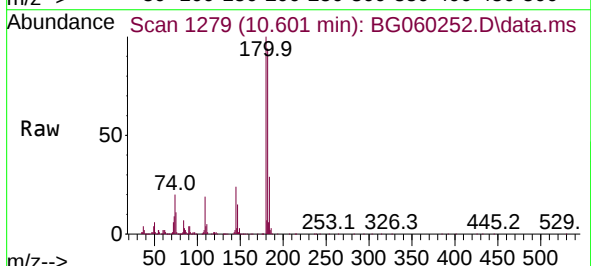
Manual Integrations

APPROVED

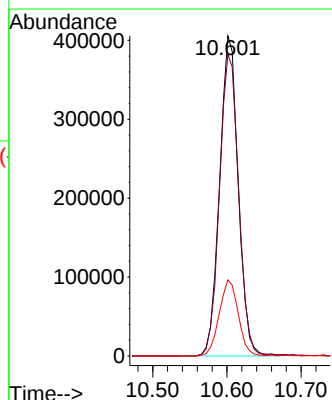
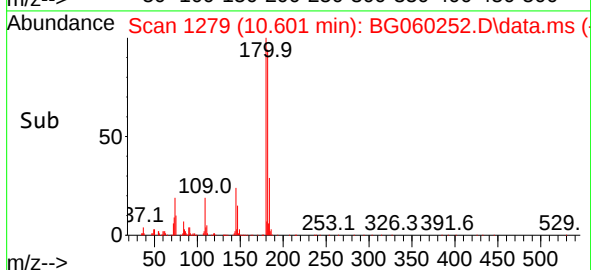
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

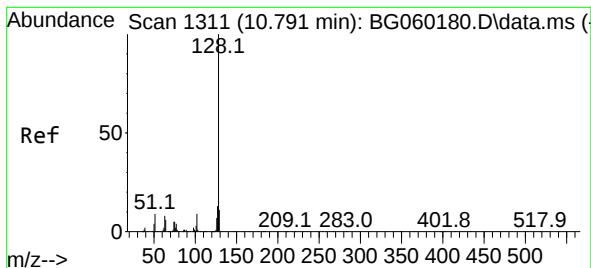


#30
1,2,4-Trichlorobenzene
Concen: 41.234 ng
RT: 10.601 min Scan# 1279
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41



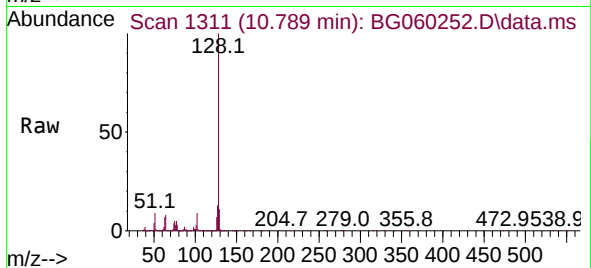
Tgt Ion:180 Resp: 705635
Ion Ratio Lower Upper
180 100
182 94.3 75.7 113.5
145 23.8 18.4 27.6





#31
Naphthalene
Concen: 43.031 ng
RT: 10.789 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

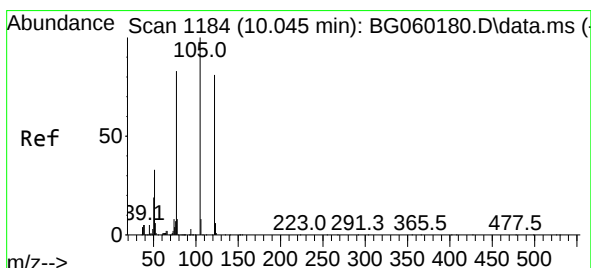
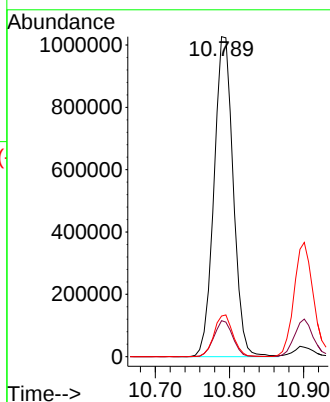
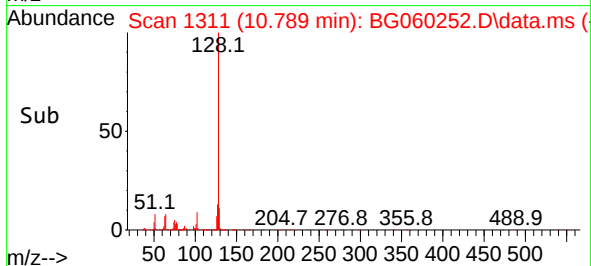
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MSD



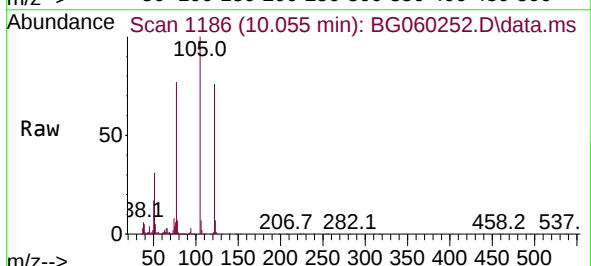
Tgt Ion:128 Resp: 184587
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 12.7 10.6 16.0

Manual Integrations
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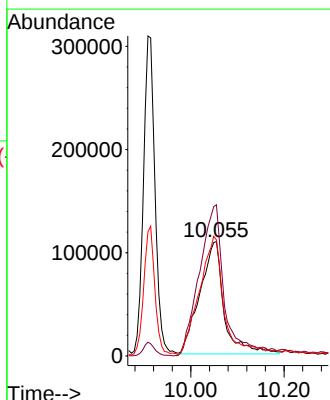
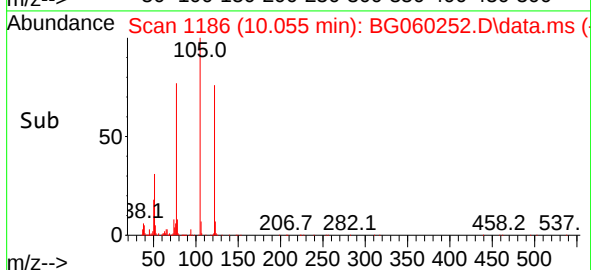
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

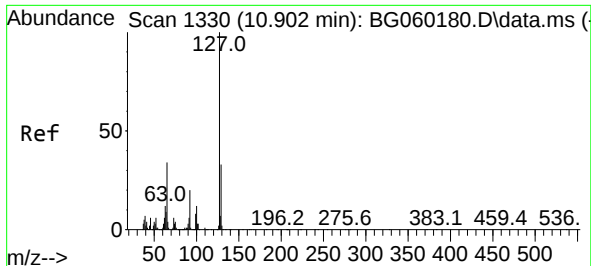


#32
Benzoic acid
Concen: 49.163 ng m
RT: 10.055 min Scan# 1186
Delta R.T. 0.010 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41



Tgt Ion:122 Resp: 393372
Ion Ratio Lower Upper
122 100
105 132.1 99.2 139.2
77 101.3 81.0 121.0





#33
4-Chloroaniline
Concen: 40.756 ng
RT: 10.901 min Scan# 1330
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Instrument :

BNA_G

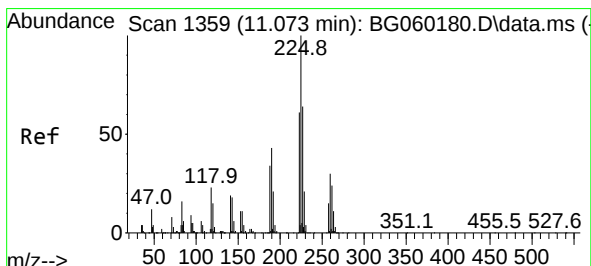
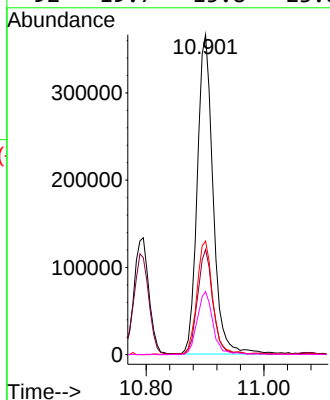
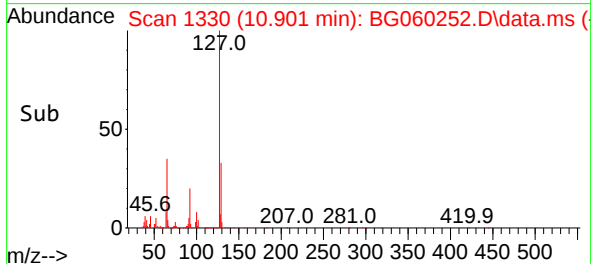
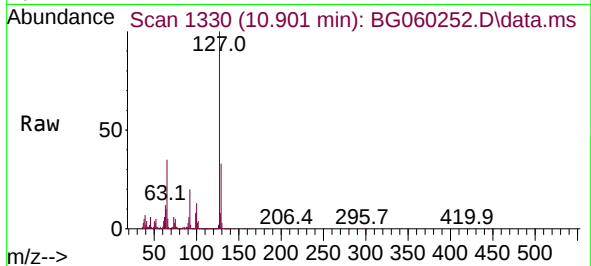
ClientSampleId :

MR-321-10-12MSD

Tgt Ion:127 Resp: 682778
Ion Ratio Lower Upper
127 100
129 32.9 26.0 39.0
65 35.5 27.4 41.0
92 19.7 15.8 23.8

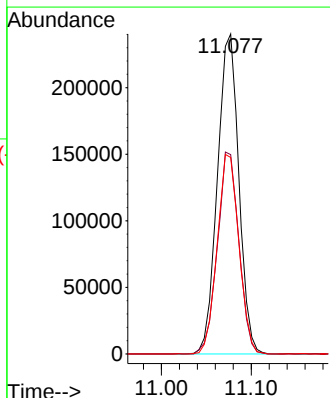
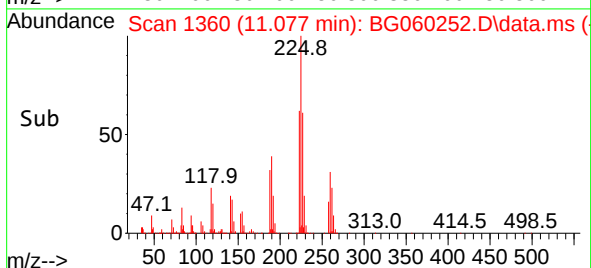
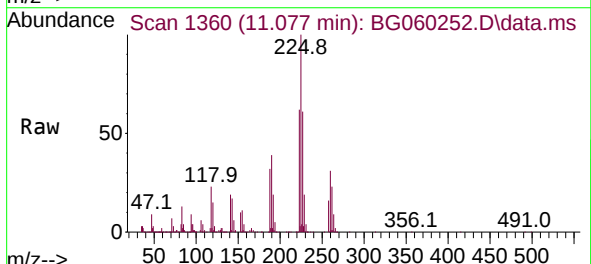
Manual Integrations
APPROVED

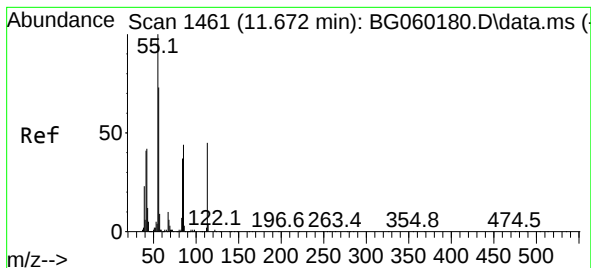
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#34
Hexachlorobutadiene
Concen: 39.051 ng
RT: 11.077 min Scan# 1360
Delta R.T. 0.004 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

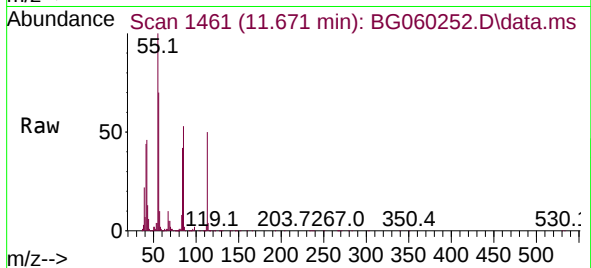
Tgt Ion:225 Resp: 397454
Ion Ratio Lower Upper
225 100
223 59.9 49.0 73.6
227 59.0 51.0 76.4





#35
Caprolactam
Concen: 53.766 ng m
RT: 11.671 min Scan# 1461
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

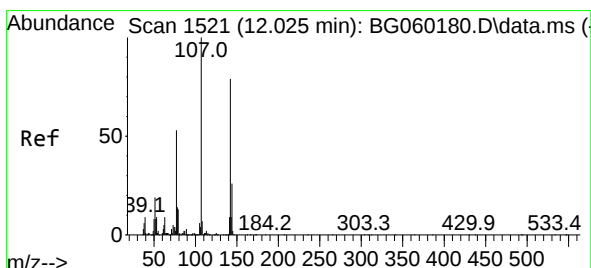
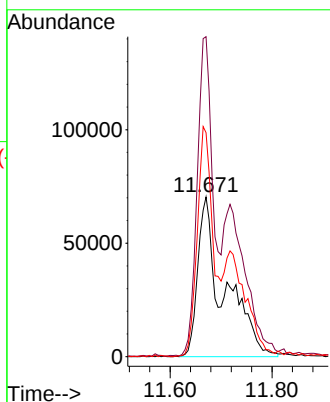
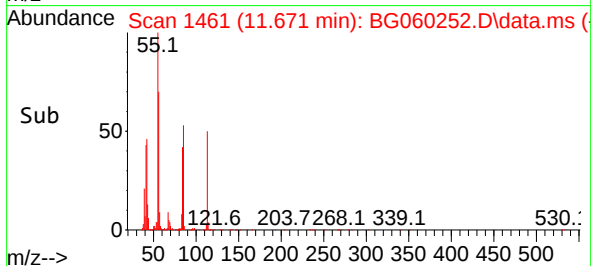
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MSD



Tgt Ion:113 Resp: 25146
Ion Ratio Lower Upper
113 100
55 200.3 202.1 242.1
56 140.2 142.4 182.4

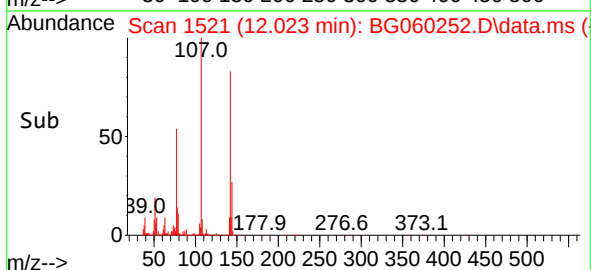
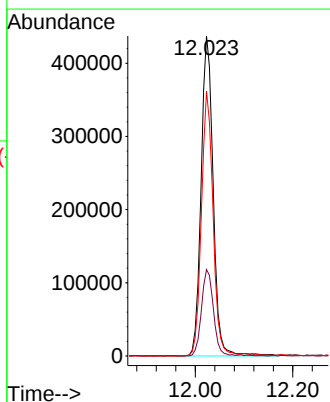
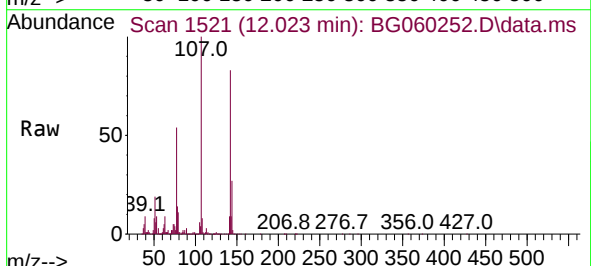
Manual Integrations
APPROVED

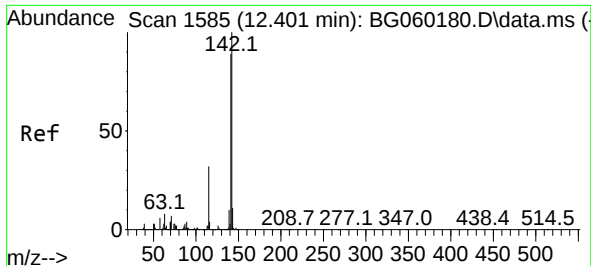
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#36
4-Chloro-3-methylphenol
Concen: 51.977 ng
RT: 12.023 min Scan# 1521
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Tgt Ion:107 Resp: 752089
Ion Ratio Lower Upper
107 100
144 27.0 20.8 31.2
142 82.8 63.4 95.2





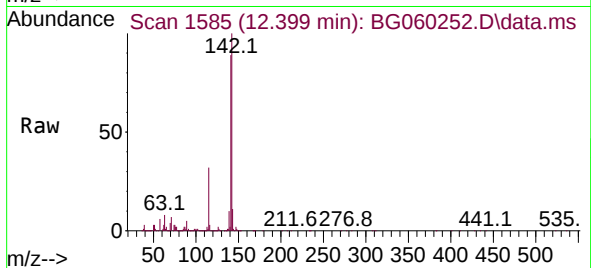
#37
2-Methylnaphthalene
Concen: 45.009 ng
RT: 12.399 min Scan# 1585
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MSD



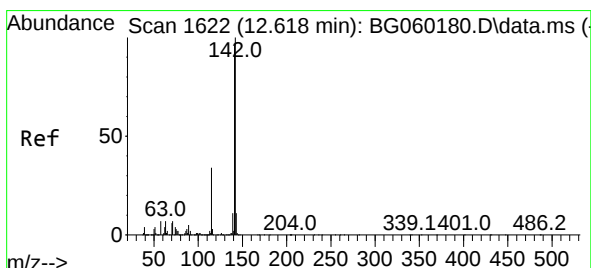
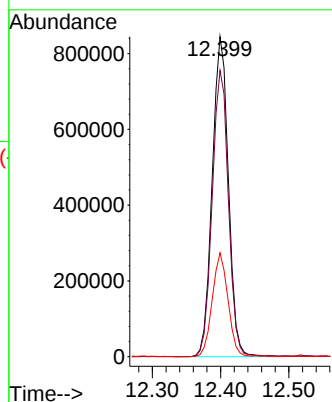
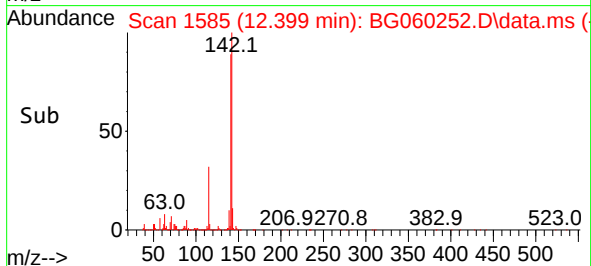
Tgt Ion:142 Resp: 139455
Ion Ratio Lower Upper
142 100
141 89.4 71.1 106.7
115 32.5 25.5 38.3

Manual Integrations

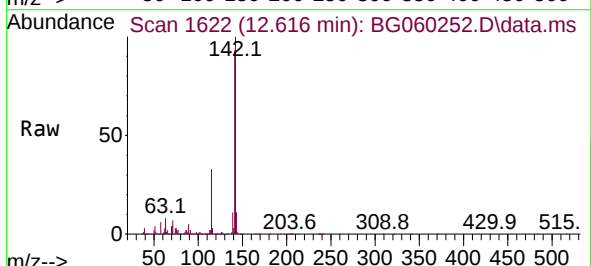
APPROVED

Reviewed By :Yogesh Patel 01/05/2024

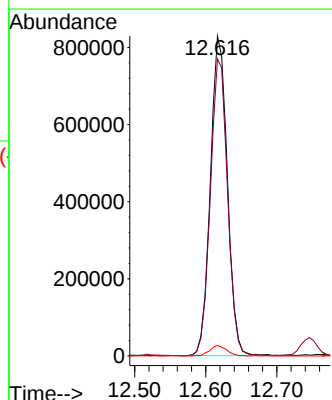
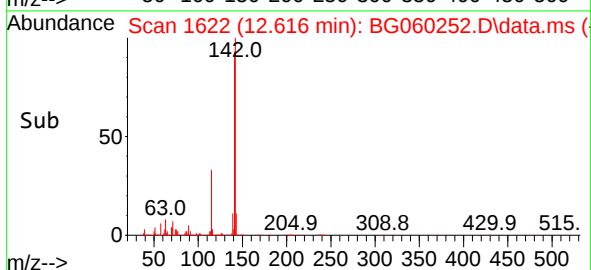
Supervised By :mohammad ahmed 01/05/2024

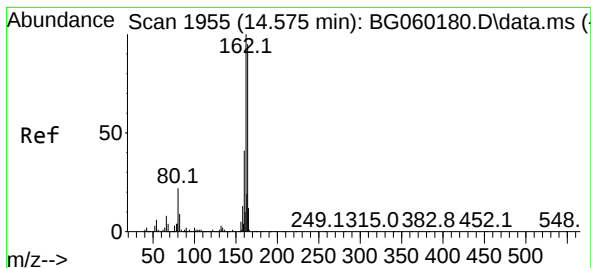


#38
1-Methylnaphthalene
Concen: 43.923 ng
RT: 12.616 min Scan# 1622
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41



Tgt Ion:142 Resp: 1375945
Ion Ratio Lower Upper
142 100
141 92.8 76.6 114.8
116 3.3 2.6 3.8





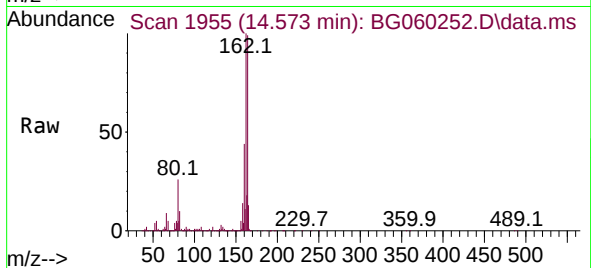
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.573 min Scan# 1955
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MSD

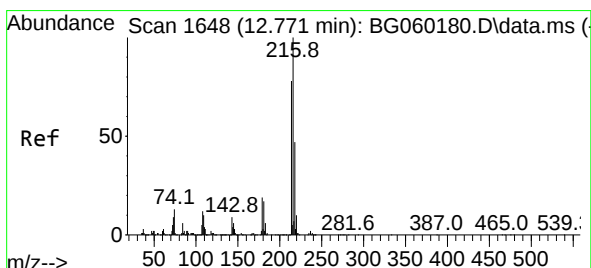
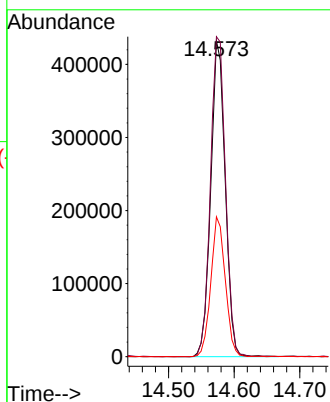
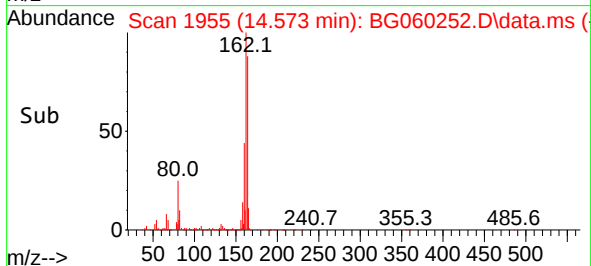


Tgt Ion:164 Resp: 661630
Ion Ratio Lower Upper
164 100
162 101.3 83.9 125.9
160 44.2 34.2 51.4

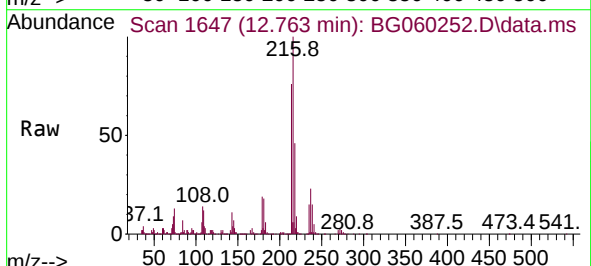
Manual Integrations

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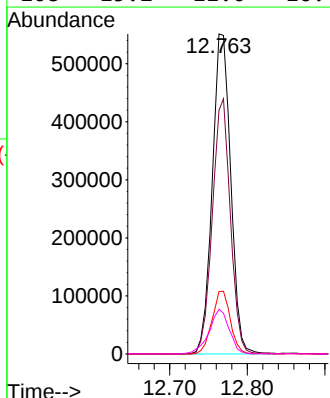
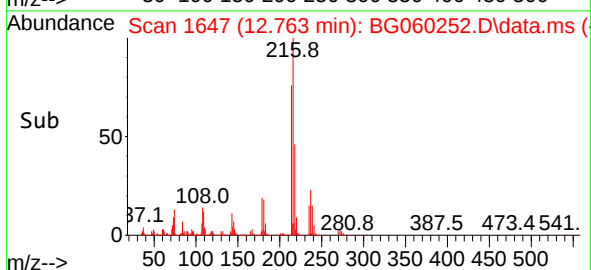
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

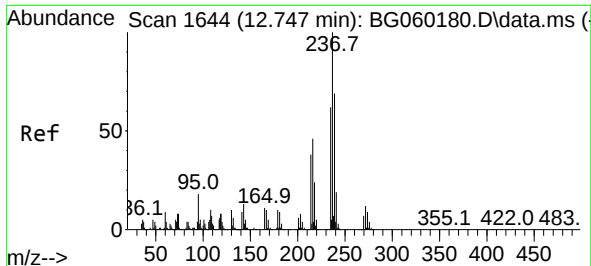


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.070 ng
RT: 12.763 min Scan# 1647
Delta R.T. -0.007 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41



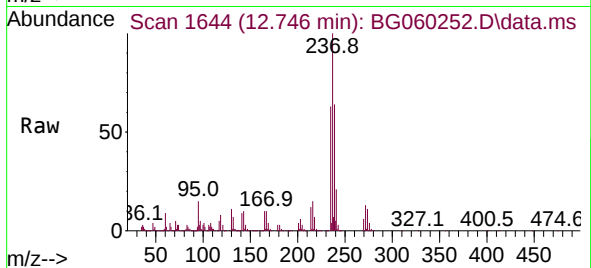
Tgt Ion:216 Resp: 912810
Ion Ratio Lower Upper
216 100
214 77.6 63.4 95.0
179 19.4 15.2 22.8
108 15.2 11.0 16.4





#41
Hexachlorocyclopentadiene
Concen: 123.974 ng
RT: 12.746 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

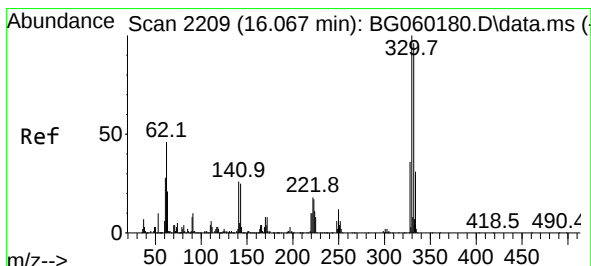
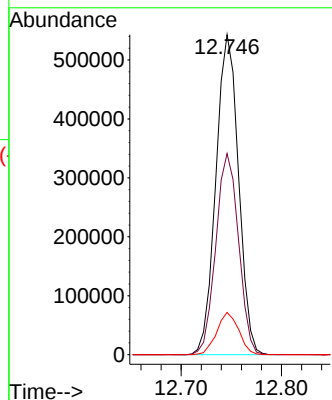
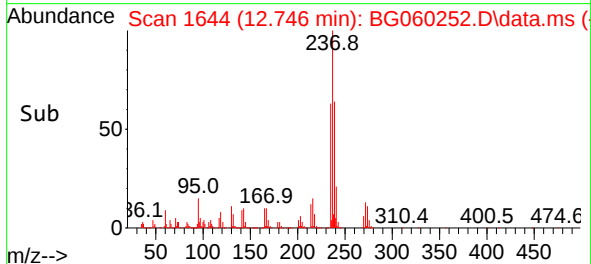
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MSD



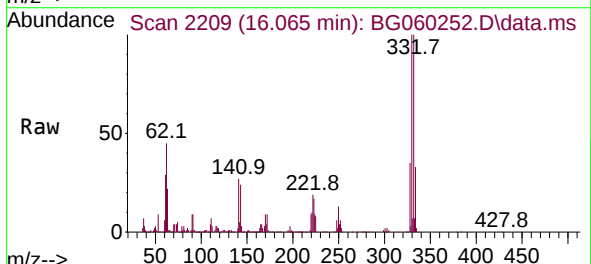
Tgt Ion:237 Resp: 849260
Ion Ratio Lower Upper
237 100
235 62.8 42.2 82.2
272 13.2 0.0 32.0

Manual Integrations
APPROVED

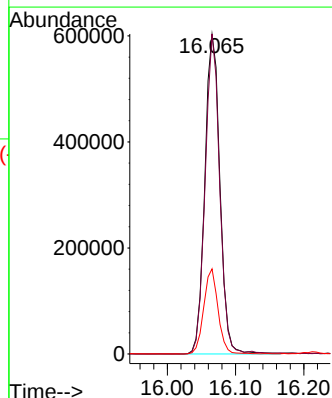
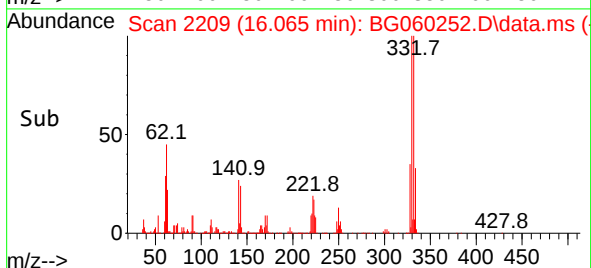
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

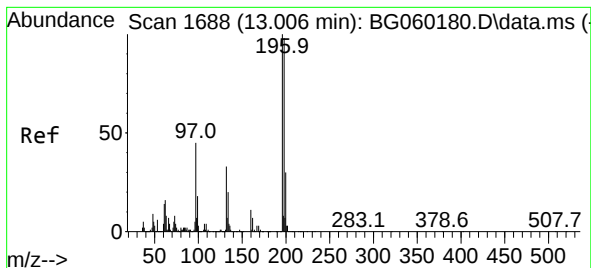


#42
2,4,6-Tribromophenol
Concen: 104.741 ng
RT: 16.065 min Scan# 2209
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41



Tgt Ion:330 Resp: 927657
Ion Ratio Lower Upper
330 100
332 95.8 76.7 115.1
141 25.3 21.0 31.4





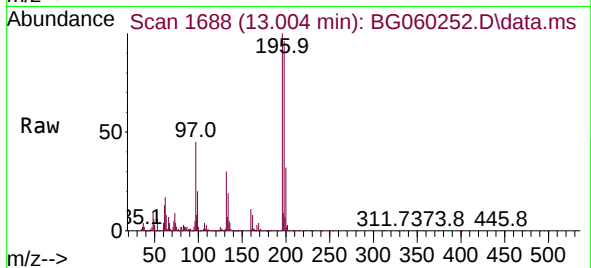
#43
2,4,6-Trichlorophenol
Concen: 47.495 ng
RT: 13.004 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MSD



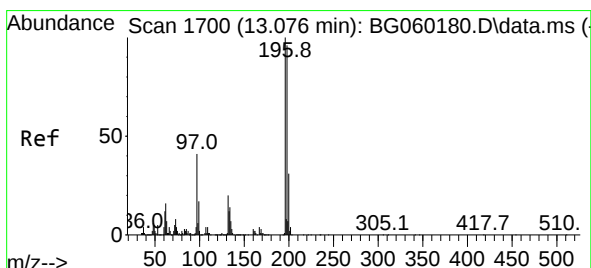
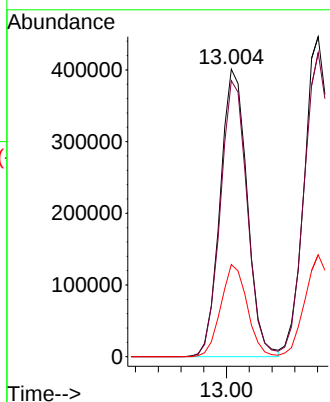
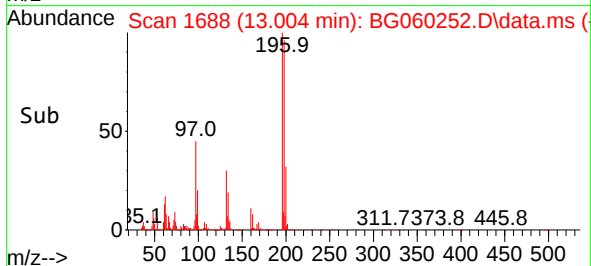
Tgt Ion:196 Resp: 661472
Ion Ratio Lower Upper
196 100
198 96.0 78.3 117.5
200 32.0 23.9 35.9

Manual Integrations

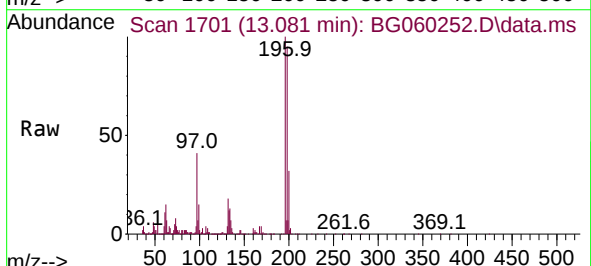
APPROVED

Reviewed By :Yogesh Patel 01/05/2024

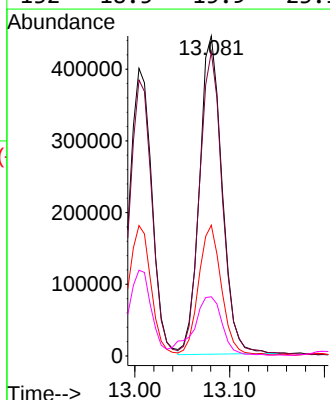
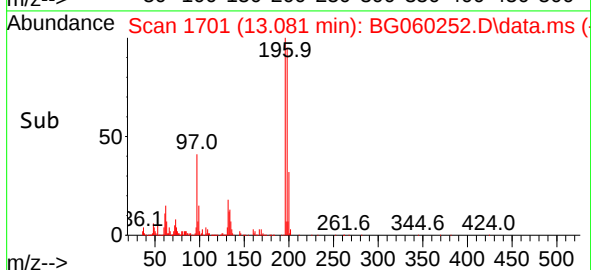
Supervised By :mohammad ahmed 01/05/2024

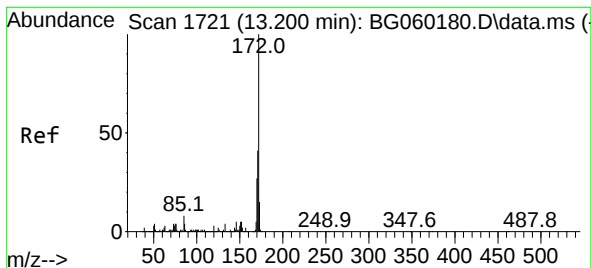


#44
2,4,5-Trichlorophenol
Concen: 47.091 ng
RT: 13.081 min Scan# 1701
Delta R.T. 0.004 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41



Tgt Ion:196 Resp: 733676
Ion Ratio Lower Upper
196 100
198 95.0 76.6 115.0
97 40.8 32.9 49.3
132 18.5 15.9 23.9





#45
2-Fluorobiphenyl
Concen: 61.473 ng
RT: 13.198 min Scan# 1721
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MSD

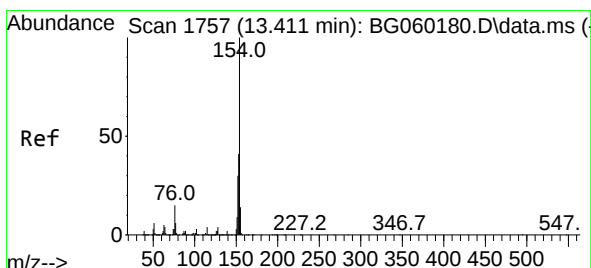
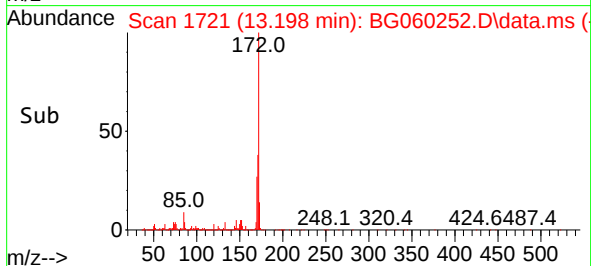
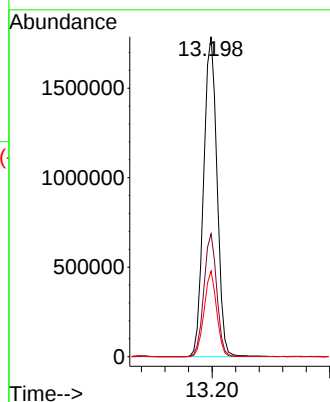
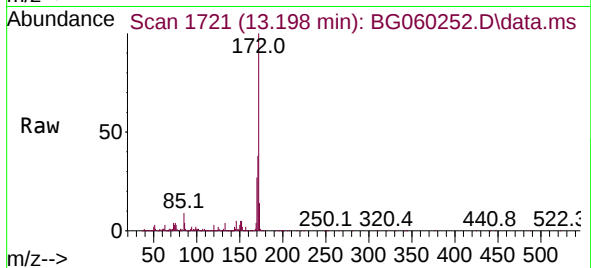
Tgt Ion:172 Resp: 282995
Ion Ratio Lower Upper
172 100
171 38.4 32.6 48.8
170 26.8 21.8 32.6

Manual Integrations

APPROVED

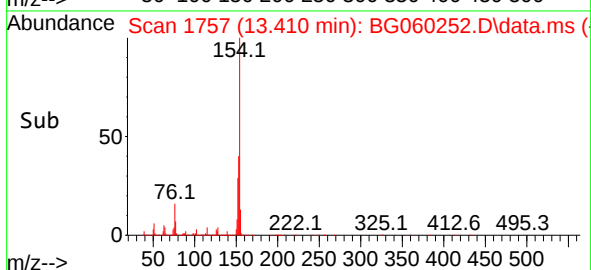
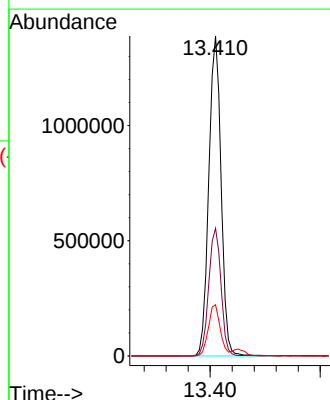
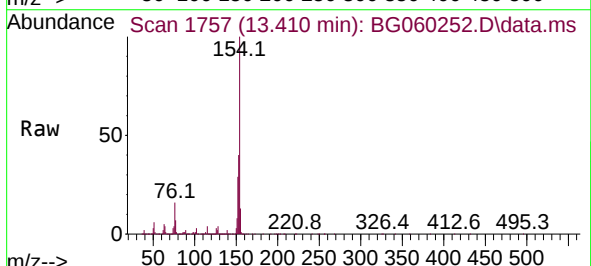
Reviewed By :Yogesh Patel 01/05/2024

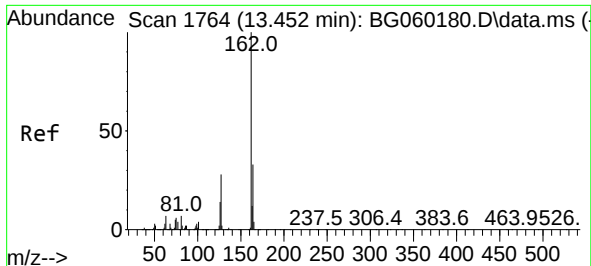
Supervised By :mohammad ahmed 01/05/2024



#46
1,1'-Biphenyl
Concen: 44.060 ng
RT: 13.410 min Scan# 1757
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Tgt Ion:154 Resp: 2144792
Ion Ratio Lower Upper
154 100
153 39.9 20.9 60.9
76 16.0 0.0 35.4





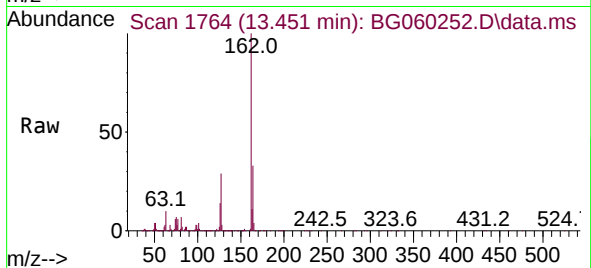
#47
2-Chloronaphthalene
Concen: 42.252 ng
RT: 13.451 min Scan# 1764
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MSD



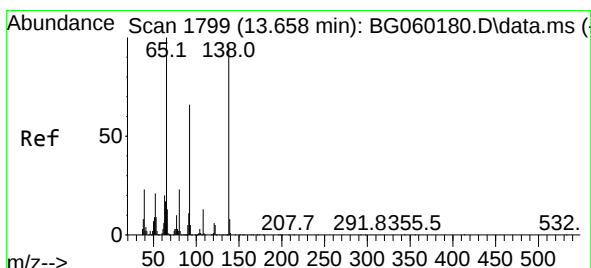
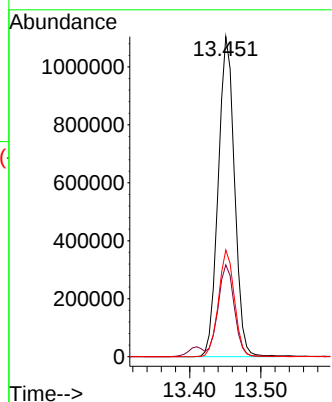
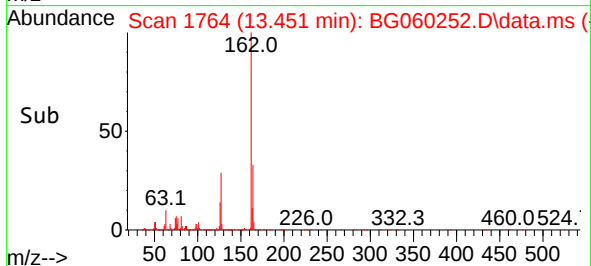
Tgt Ion:162 Resp: 175234
Ion Ratio Lower Upper
162 100
127 28.7 23.0 34.6
164 33.3 26.7 40.1

Manual Integrations

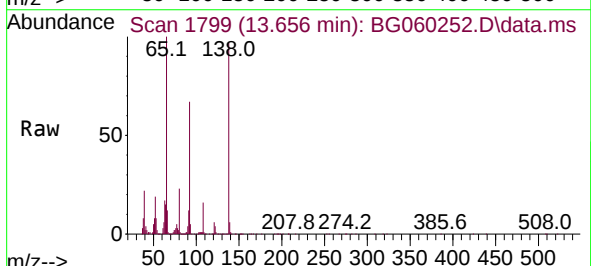
APPROVED

Reviewed By :Yogesh Patel 01/05/2024

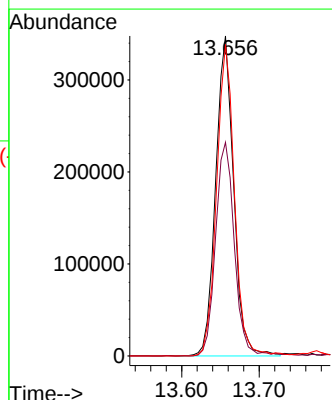
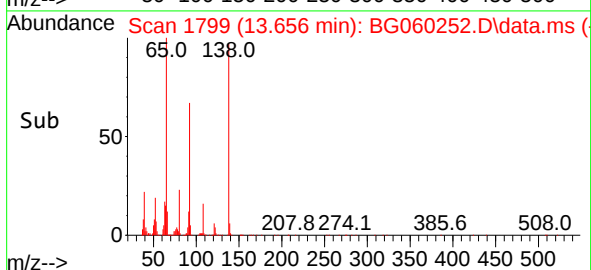
Supervised By :mohammad ahmed 01/05/2024

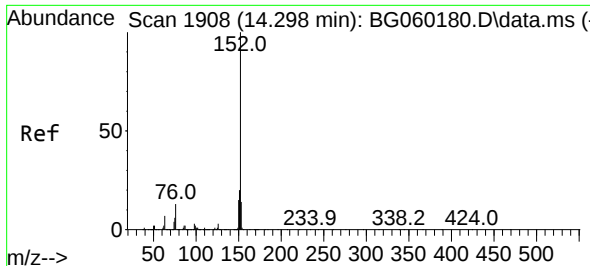


#48
2-Nitroaniline
Concen: 51.589 ng
RT: 13.656 min Scan# 1799
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41



Tgt Ion: 65 Resp: 559148
Ion Ratio Lower Upper
65 100
92 66.8 52.9 79.3
138 97.3 76.4 114.6





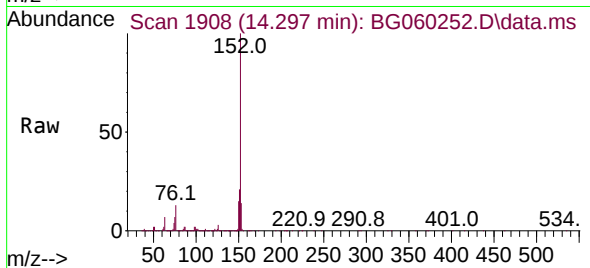
#49
Acenaphthylene
Concen: 47.578 ng
RT: 14.297 min Scan# 1908
Delta R.T. -0.001 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MSD



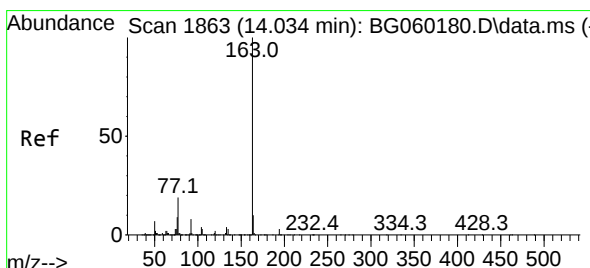
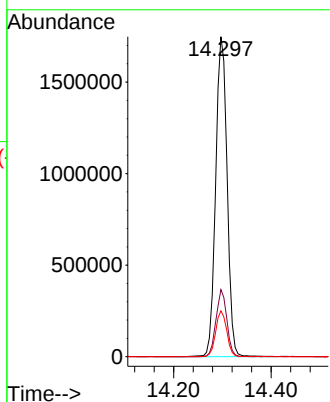
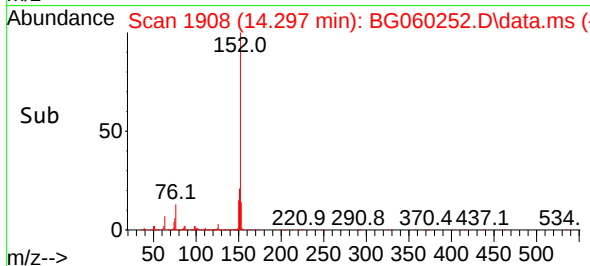
Tgt Ion:152 Resp: 2843100
Ion Ratio Lower Upper
152 100
151 21.0 15.8 23.6
153 14.3 11.0 16.6

Manual Integrations

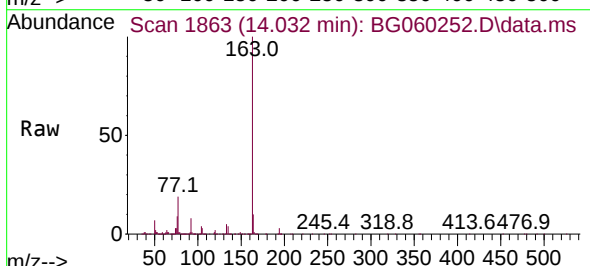
APPROVED

Reviewed By :Yogesh Patel 01/05/2024

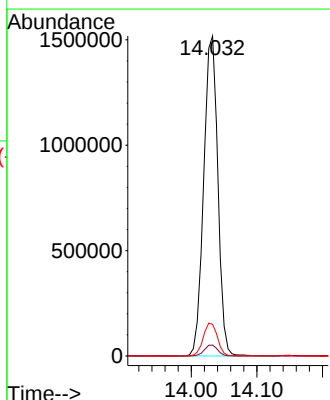
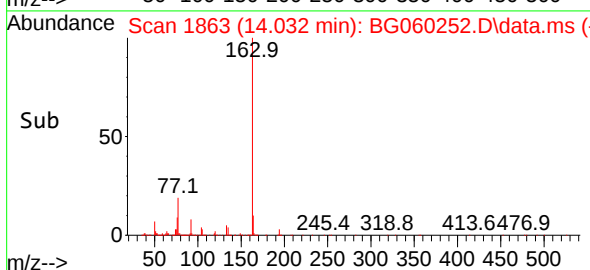
Supervised By :mohammad ahmed 01/05/2024

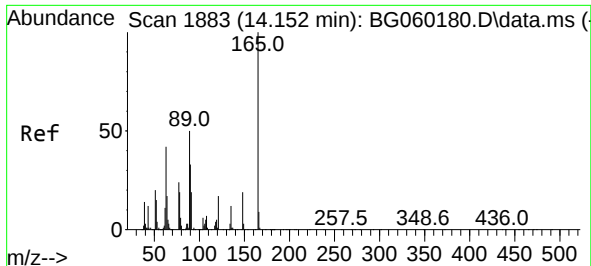


#50
Dimethylphthalate
Concen: 44.596 ng
RT: 14.032 min Scan# 1863
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41



Tgt Ion:163 Resp: 2278102
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.9 8.3 12.5





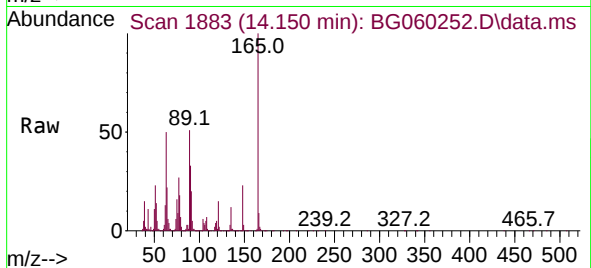
#51
2,6-Dinitrotoluene
Concen: 47.363 ng
RT: 14.150 min Scan# 1883
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MSD

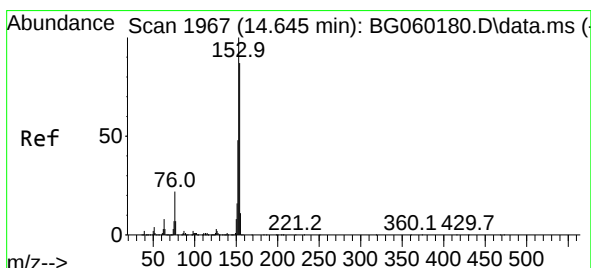
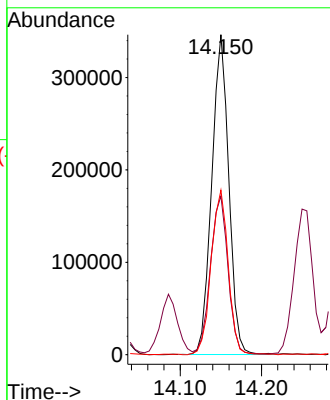
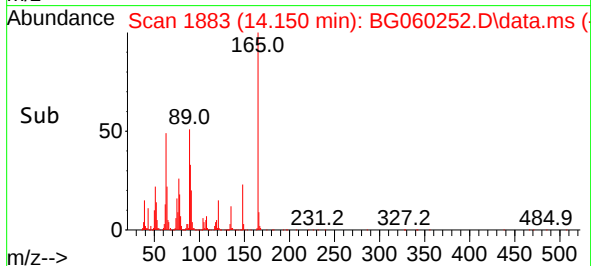


Tgt Ion:165 Resp: 503239
Ion Ratio Lower Upper
165 100
63 49.6 39.3 58.9
89 51.4 39.8 59.8

Manual Integrations

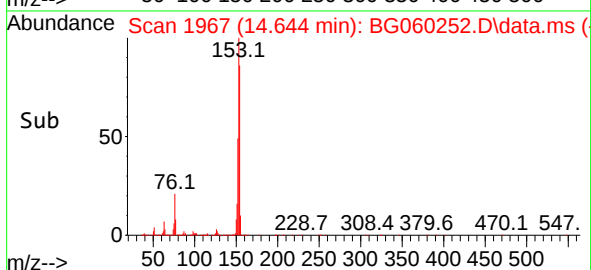
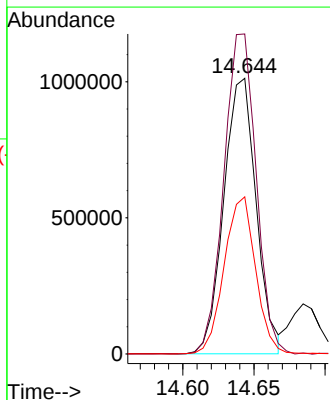
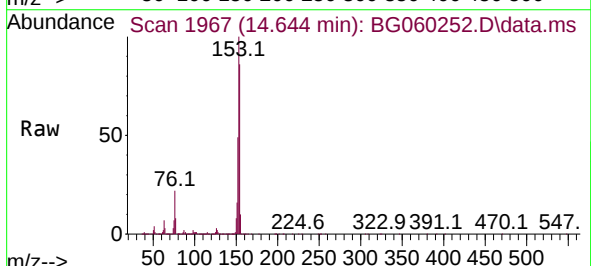
APPROVED

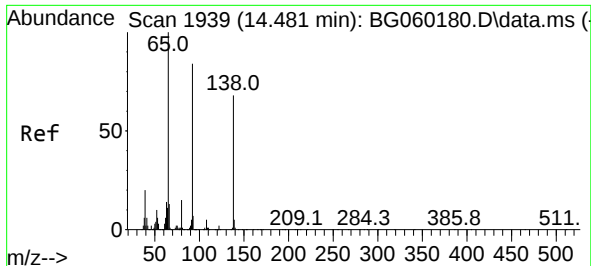
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#52
Acenaphthene
Concen: 43.106 ng
RT: 14.644 min Scan# 1967
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

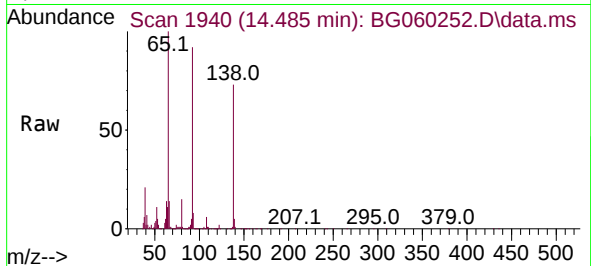
Tgt Ion:154 Resp: 1607403
Ion Ratio Lower Upper
154 100
153 116.1 91.5 137.3
152 57.0 43.8 65.8





#53
3-Nitroaniline
Concen: 43.214 ng
RT: 14.485 min Scan# 1939
Delta R.T. 0.004 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

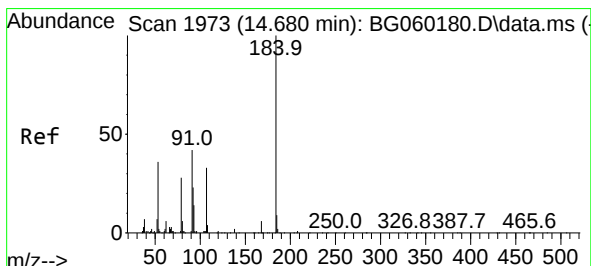
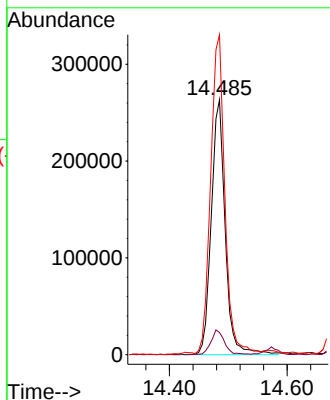
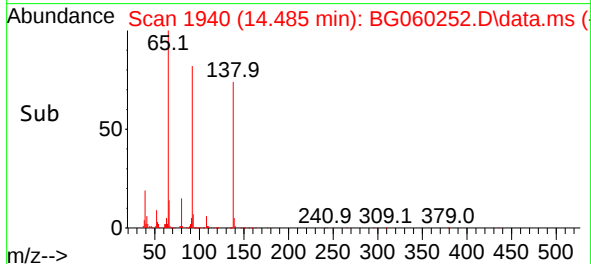
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MSD



Tgt Ion:138 Resp: 43265
Ion Ratio Lower Upper
138 100
108 8.7 6.2 9.4
92 125.6 98.5 147.7

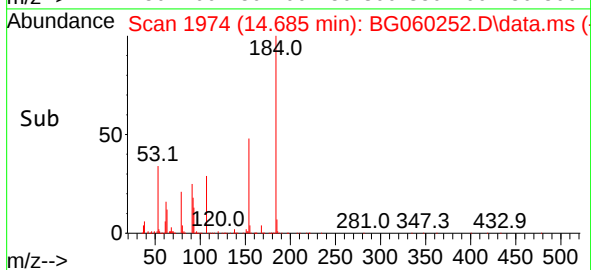
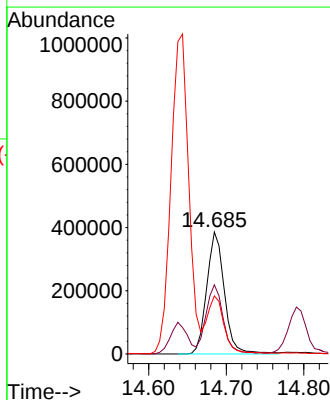
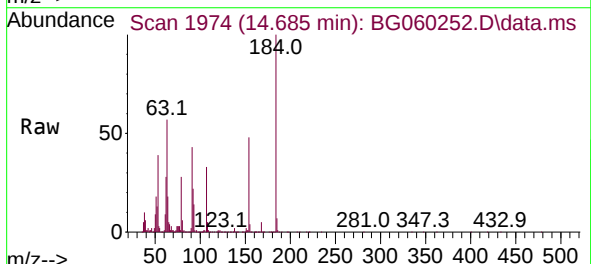
Manual Integrations
APPROVED

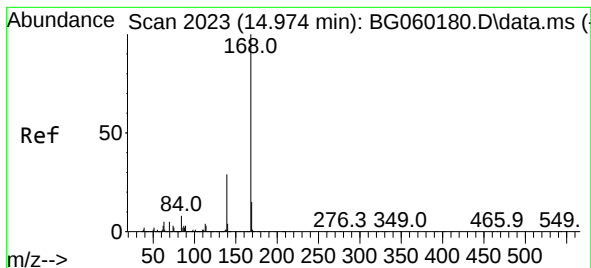
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#54
2,4-Dinitrophenol
Concen: 96.882 ng
RT: 14.685 min Scan# 1974
Delta R.T. 0.005 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Tgt Ion:184 Resp: 611441
Ion Ratio Lower Upper
184 100
63 56.7 45.4 68.2
154 47.7 40.0 60.0





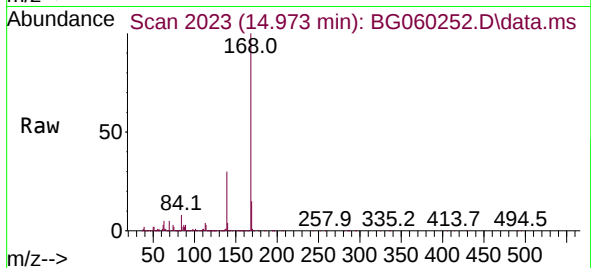
#55
Dibenzenofuran
Concen: 44.999 ng
RT: 14.973 min Scan# 20
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Instrument :

BNA_G

ClientSampleId :

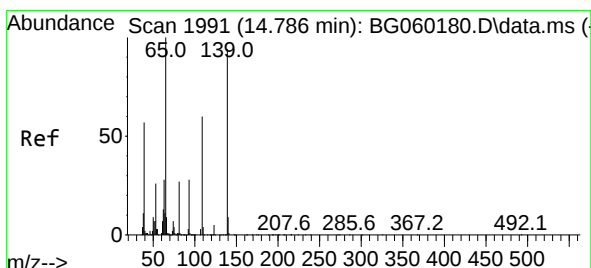
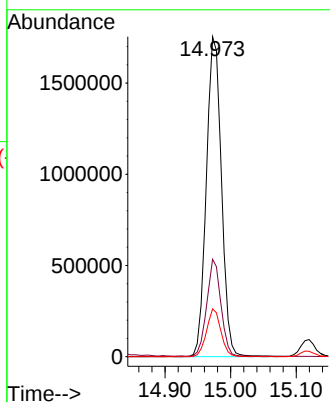
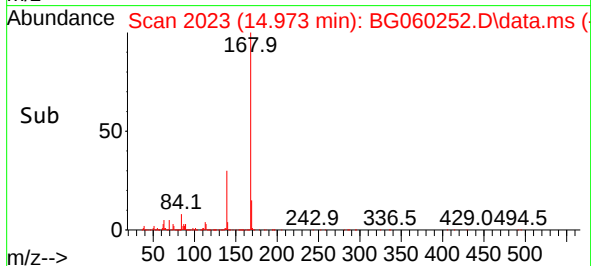
MR-321-10-12MSD



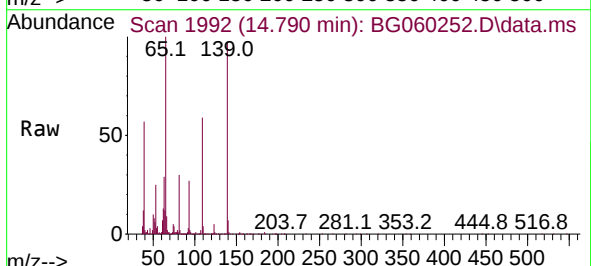
Tgt Ion:168 Resp: 2810698
Ion Ratio Lower Upper
168 100
139 30.4 23.1 34.7
169 14.9 11.9 17.9

Manual Integrations
APPROVED

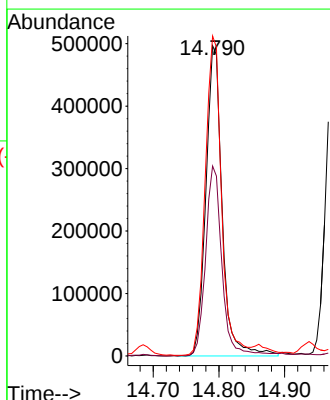
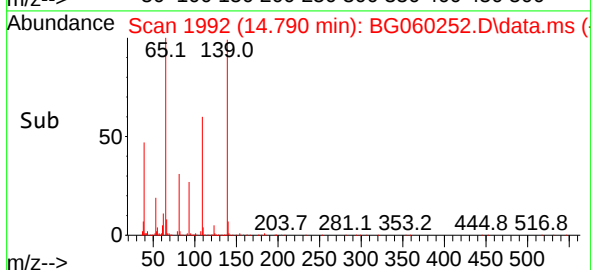
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

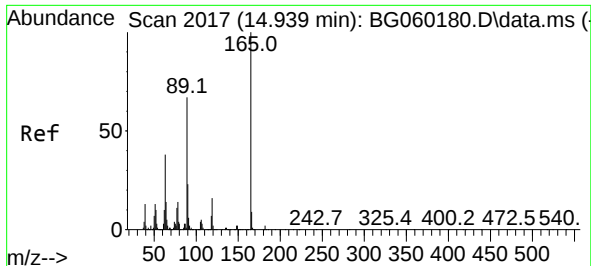


#56
4-Nitrophenol
Concen: 112.930 ng
RT: 14.790 min Scan# 1992
Delta R.T. 0.004 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41



Tgt Ion:139 Resp: 854628
Ion Ratio Lower Upper
139 100
109 61.2 44.4 84.4
65 103.2 87.4 127.4





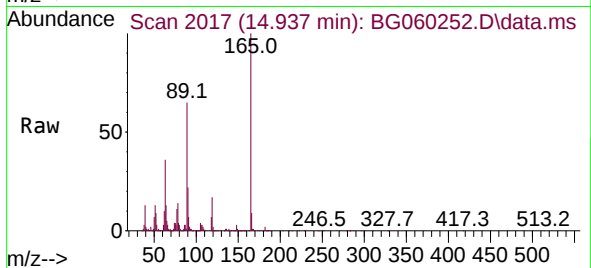
#57
2,4-Dinitrotoluene
Concen: 50.660 ng
RT: 14.937 min Scan# 2017
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Instrument :

BNA_G

ClientSampleId :

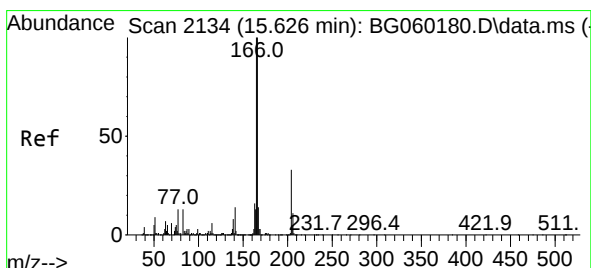
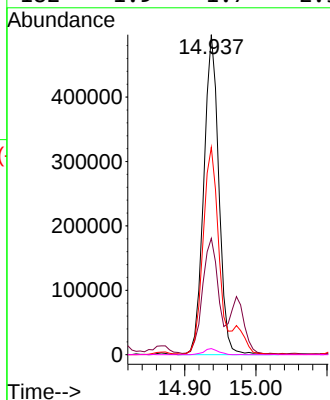
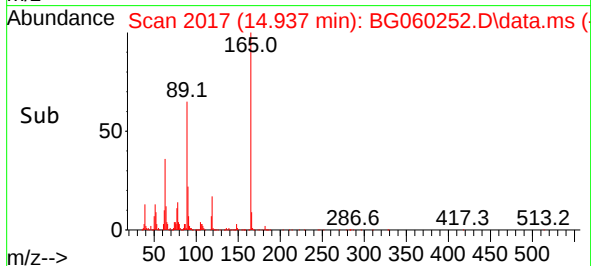
MR-321-10-12MSD



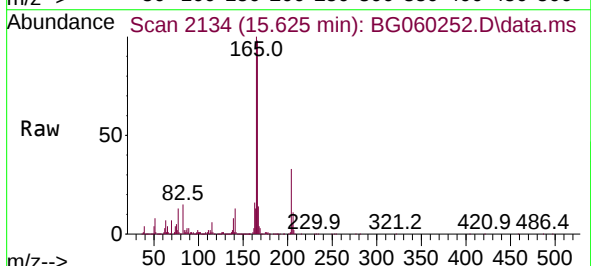
Tgt Ion:165 Resp: 73192
Ion Ratio Lower Upper
165 100
63 36.3 31.0 46.6
89 64.8 53.3 79.9
182 1.9 1.7 2.5

Manual Integrations
APPROVED

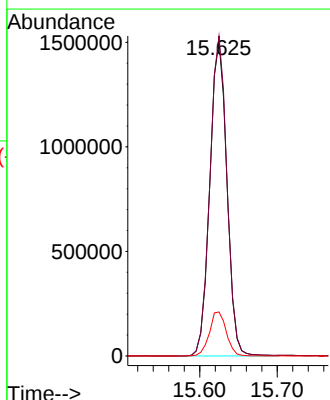
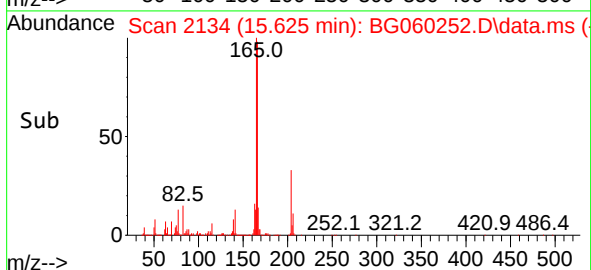
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

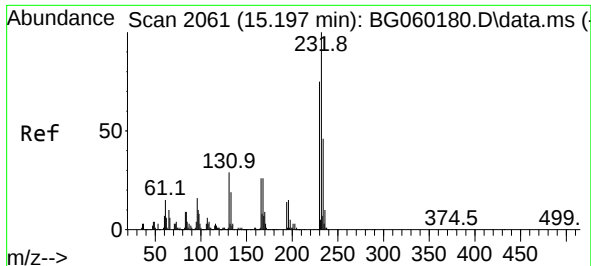


#58
Fluorene
Concen: 44.981 ng
RT: 15.625 min Scan# 2134
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41



Tgt Ion:166 Resp: 2304326
Ion Ratio Lower Upper
166 100
165 101.7 80.4 120.6
167 14.0 11.3 16.9





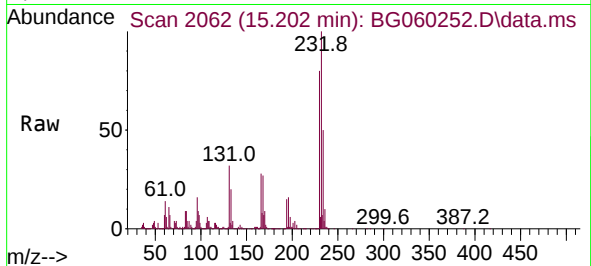
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.073 ng
RT: 15.202 min Scan# 2062
Delta R.T. 0.004 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MSD



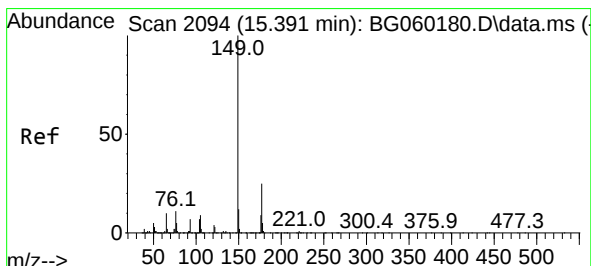
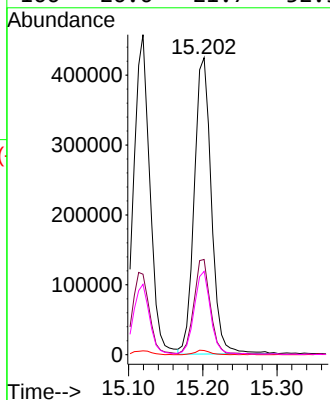
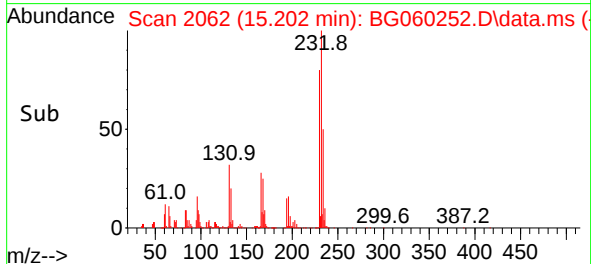
Tgt Ion:232 Resp: 679969
Ion Ratio Lower Upper
232 100
131 30.6 23.8 35.6
130 1.3 1.2 1.8
166 26.6 21.7 32.5

Manual Integrations

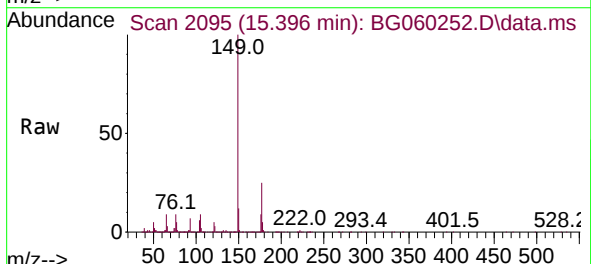
APPROVED

Reviewed By :Yogesh Patel 01/05/2024

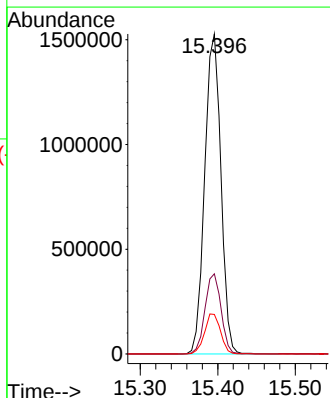
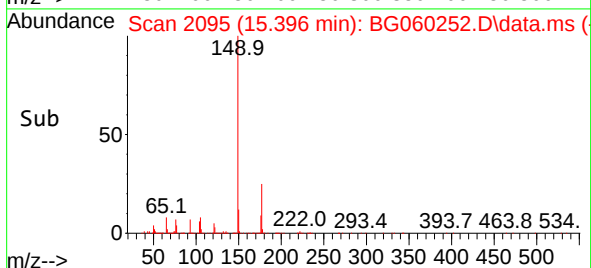
Supervised By :mohammad ahmed 01/05/2024

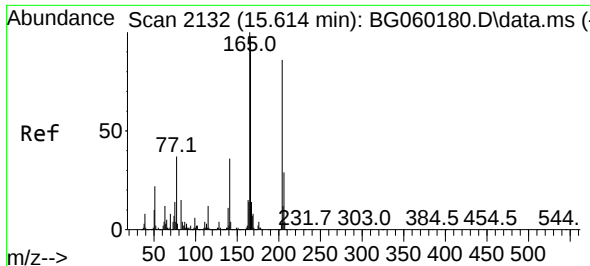


#60
Diethylphthalate
Concen: 45.409 ng
RT: 15.396 min Scan# 2095
Delta R.T. 0.004 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41



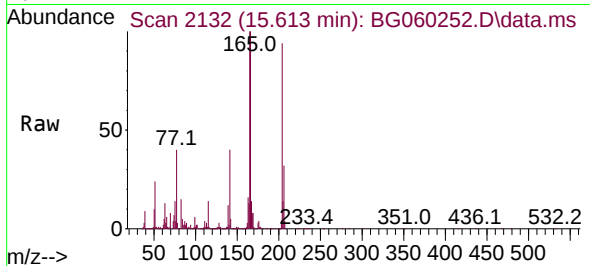
Tgt Ion:149 Resp: 2212088
Ion Ratio Lower Upper
149 100
177 25.1 20.2 30.2
150 12.3 9.6 14.4





#61
4-Chlorophenyl-phenylether
Concen: 43.770 ng
RT: 15.613 min Scan# 2132
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

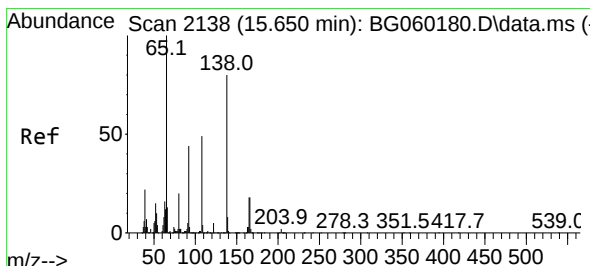
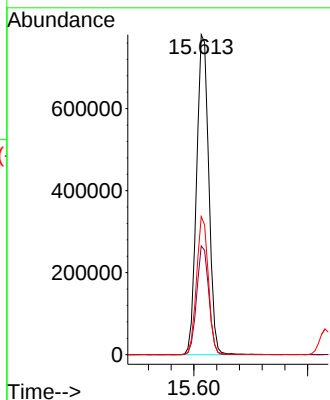
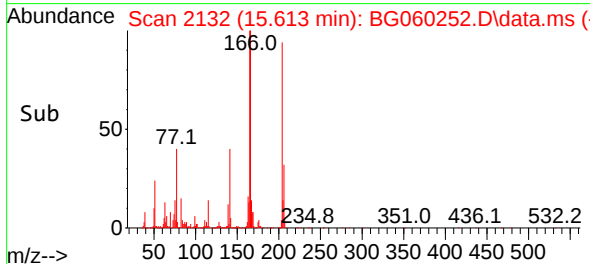
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MSD



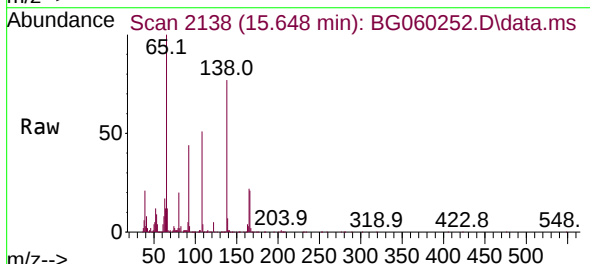
Tgt Ion:204 Resp: 116756
Ion Ratio Lower Upper
204 100
206 34.0 26.9 40.3
141 43.2 33.2 49.8

Manual Integrations
APPROVED

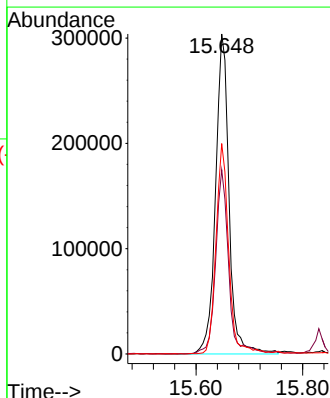
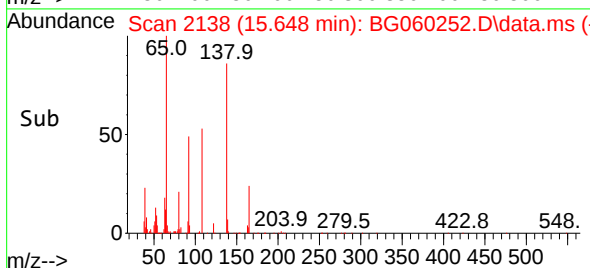
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

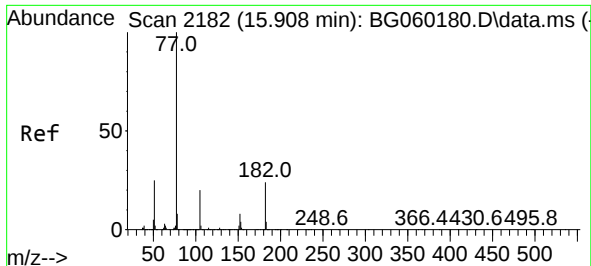


#62
4-Nitroaniline
Concen: 50.609 ng
RT: 15.648 min Scan# 2138
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41



Tgt Ion:138 Resp: 534026
Ion Ratio Lower Upper
138 100
92 57.5 35.1 75.1
108 65.8 40.9 80.9





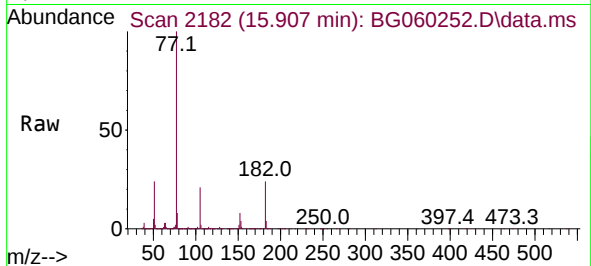
#63
Azobenzene
Concen: 45.006 ng
RT: 15.907 min Scan# 2182
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MSD



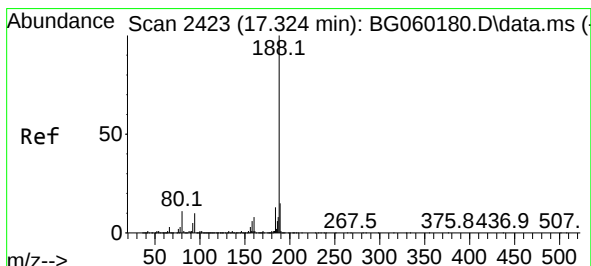
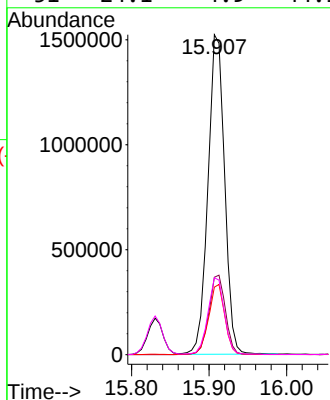
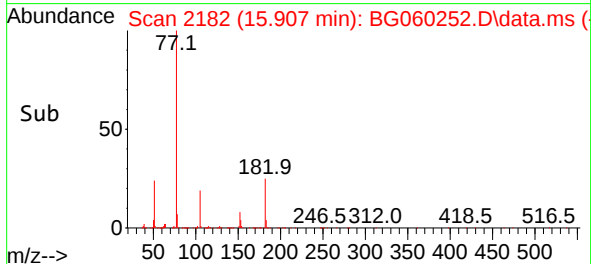
Tgt Ion: 77 Resp: 2273054
Ion Ratio Lower Upper
77 100
182 24.2 4.3 44.3
105 21.1 0.3 40.3
51 24.1 4.9 44.9

Manual Integrations

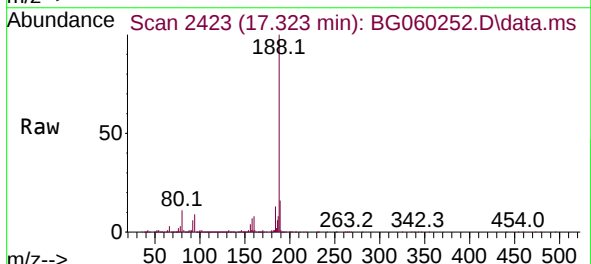
APPROVED

Reviewed By :Yogesh Patel 01/05/2024

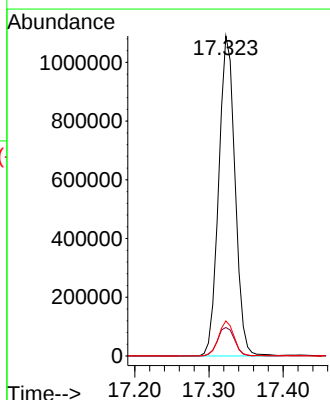
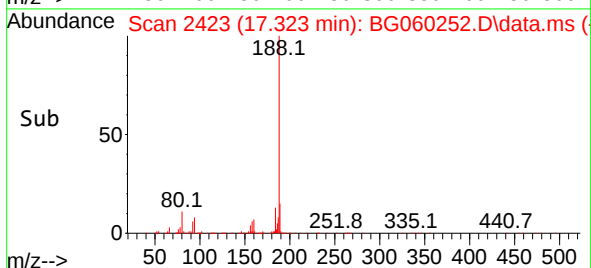
Supervised By :mohammad ahmed 01/05/2024

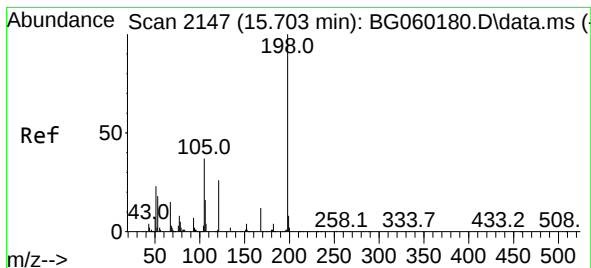


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.323 min Scan# 2423
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41



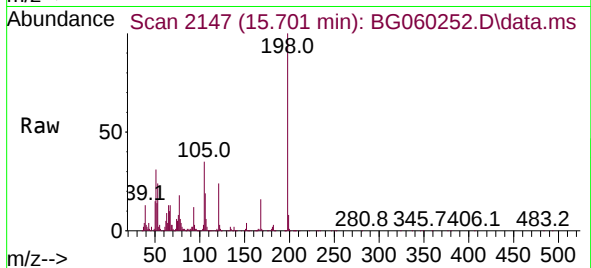
Tgt Ion:188 Resp: 1668336
Ion Ratio Lower Upper
188 100
94 8.9 7.8 11.6
80 11.0 8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 50.465 ng
RT: 15.701 min Scan# 2147
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

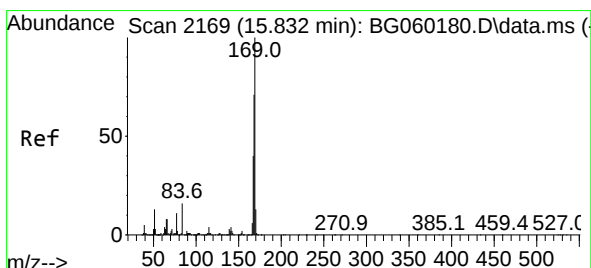
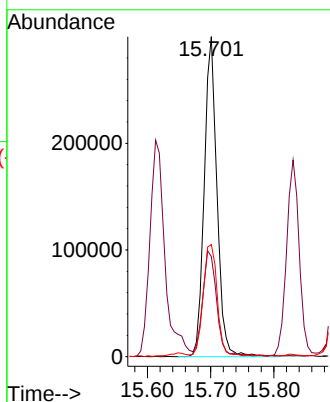
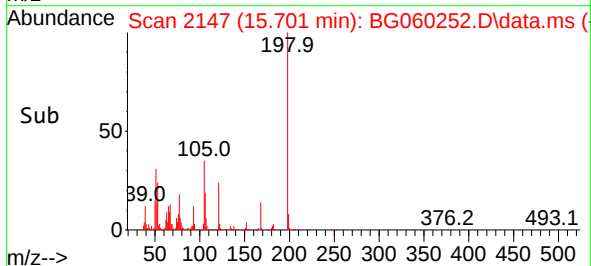
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MSD



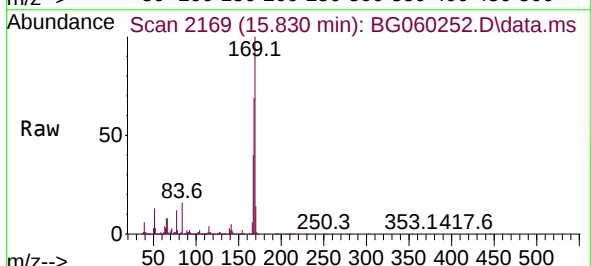
Tgt Ion:198 Resp: 421274
Ion Ratio Lower Upper
198 100
51 31.3 14.8 54.8
105 35.0 17.5 57.5

Manual Integrations
APPROVED

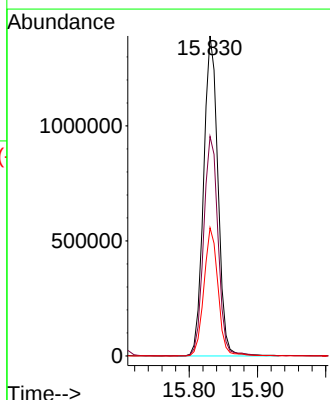
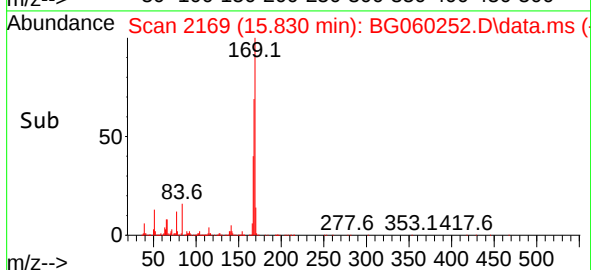
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

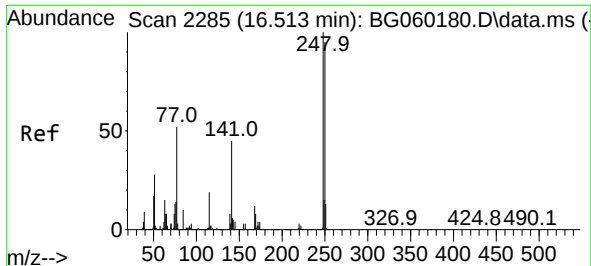


#66
n-Nitrosodiphenylamine
Concen: 45.313 ng
RT: 15.830 min Scan# 2169
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41



Tgt Ion:169 Resp: 2037102
Ion Ratio Lower Upper
169 100
168 68.6 56.6 84.8
167 40.1 32.1 48.1





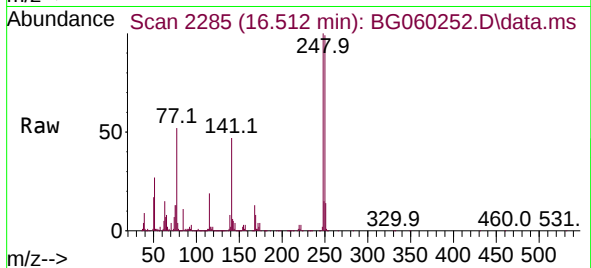
#67
4-Bromophenyl-phenylether
Concen: 43.163 ng
RT: 16.512 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MSD



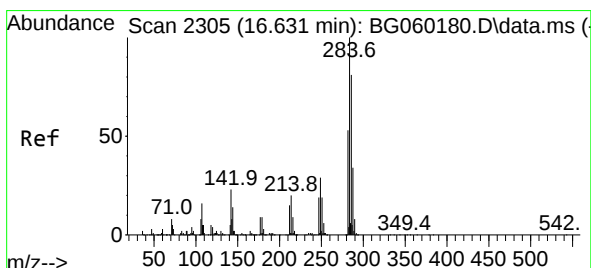
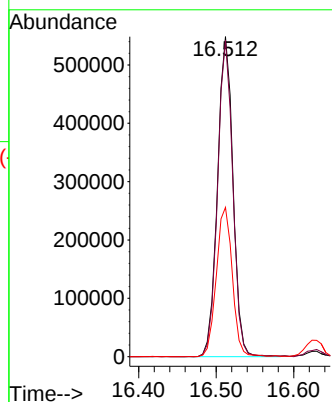
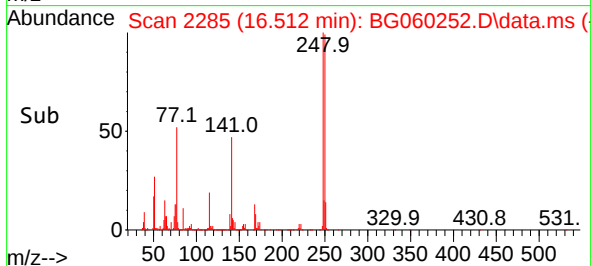
Tgt Ion:248 Resp: 76346
Ion Ratio Lower Upper
248 100
250 98.9 76.2 114.4
141 46.7 36.0 54.0

Manual Integrations

APPROVED

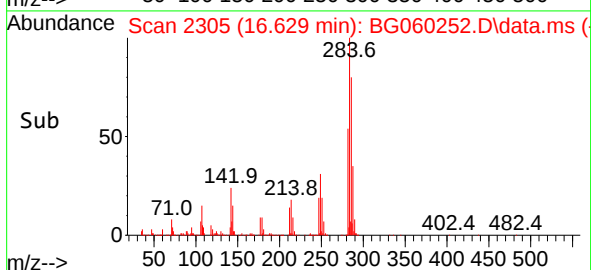
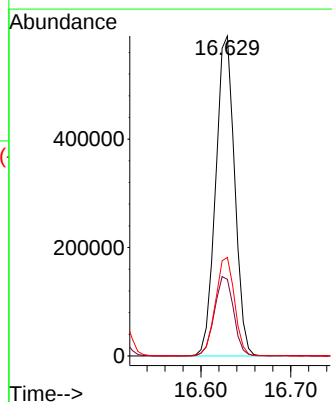
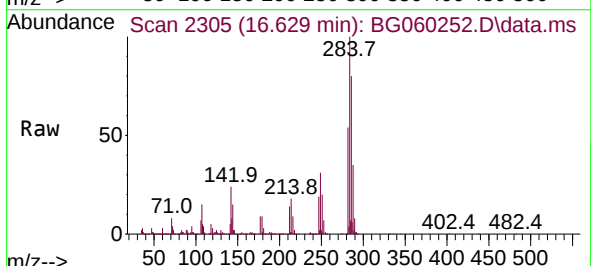
Reviewed By :Yogesh Patel 01/05/2024

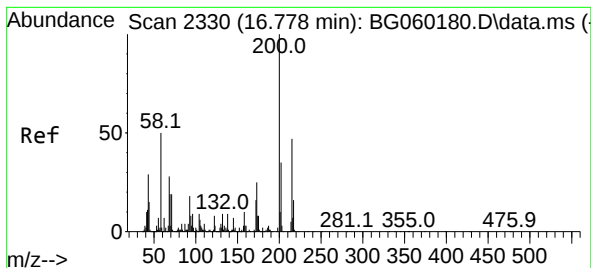
Supervised By :mohammad ahmed 01/05/2024



#68
Hexachlorobenzene
Concen: 41.728 ng
RT: 16.629 min Scan# 2305
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Tgt Ion:284 Resp: 865382
Ion Ratio Lower Upper
284 100
142 24.0 18.7 28.1
249 30.8 23.5 35.3





#69

Atrazine

Concen: 48.848 ng

RT: 16.782 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG060252.D

Acq: 4 Jan 2024 19:41

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MSD

Tgt Ion:200 Resp: 807114

Ion Ratio Lower Upper

200 100

173 25.9 5.2 45.2

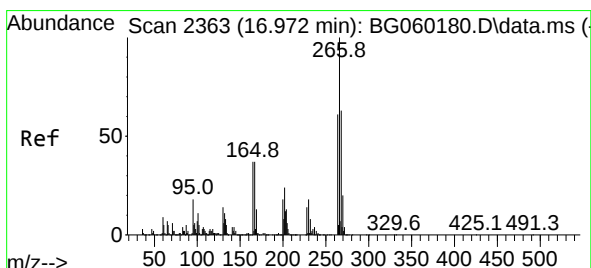
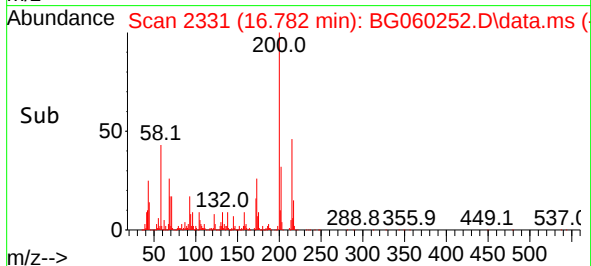
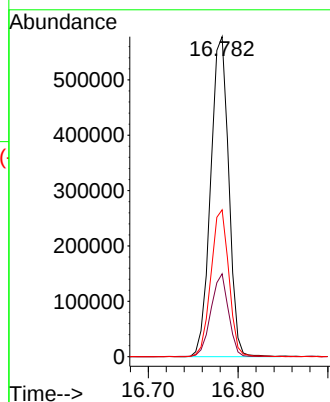
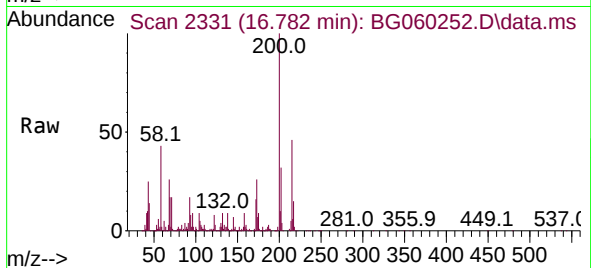
215 45.9 26.9 66.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#70

Pentachlorophenol

Concen: 98.036 ng

RT: 16.970 min Scan# 2363

Delta R.T. -0.002 min

Lab File: BG060252.D

Acq: 4 Jan 2024 19:41

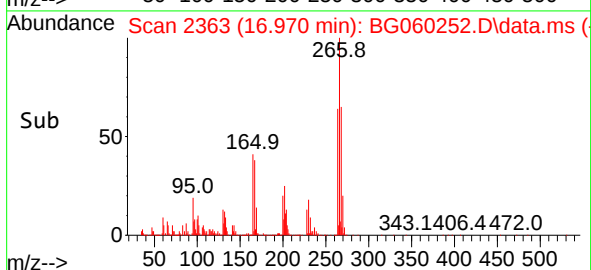
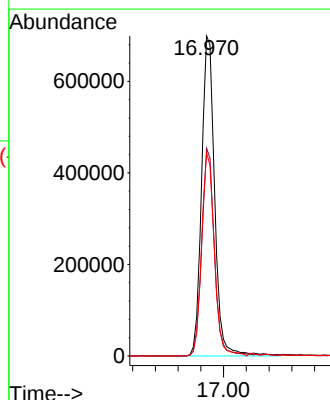
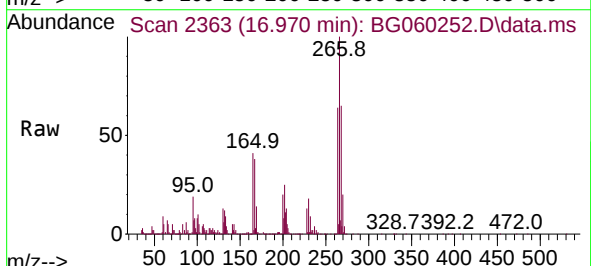
Tgt Ion:266 Resp: 1116894

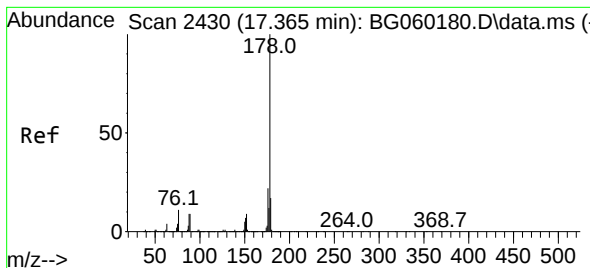
Ion Ratio Lower Upper

266 100

268 69.2 50.4 75.6

264 63.5 52.6 79.0





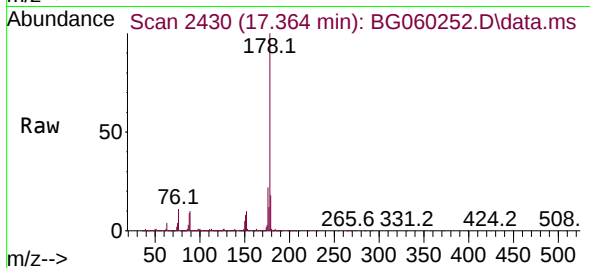
#71
Phenanthrene
Concen: 44.282 ng
RT: 17.364 min Scan# 2430
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MSD



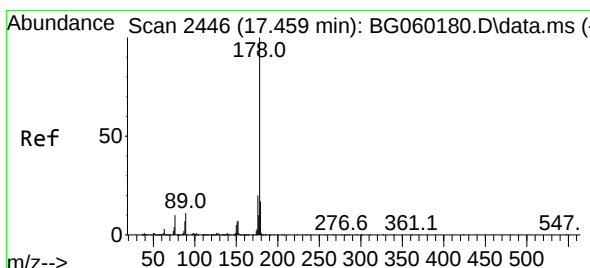
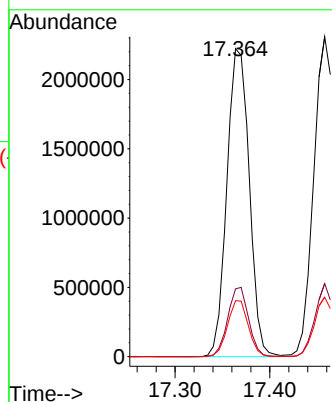
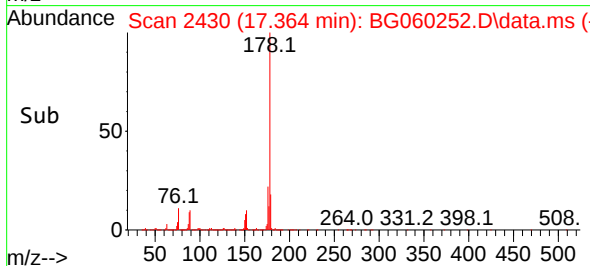
Tgt Ion:178 Resp: 365170
Ion Ratio Lower Upper
178 100
176 22.1 17.5 26.3
179 18.2 13.8 20.8

Manual Integrations

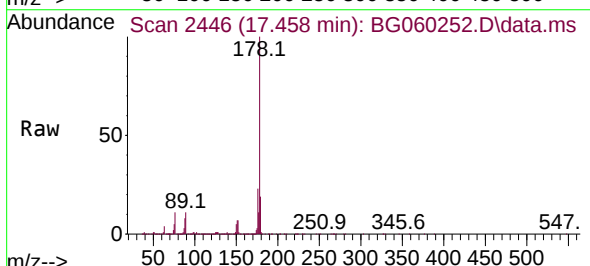
APPROVED

Reviewed By :Yogesh Patel 01/05/2024

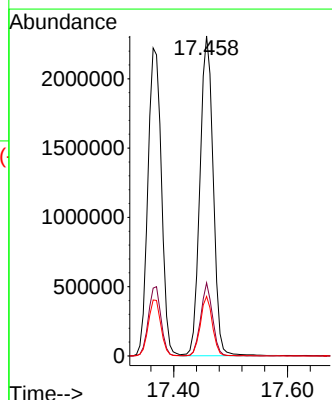
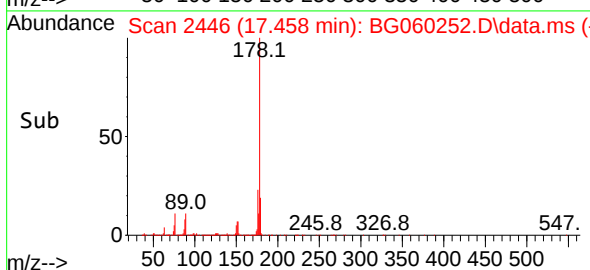
Supervised By :mohammad ahmed 01/05/2024

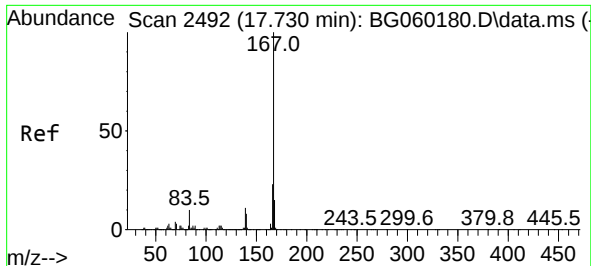


#72
Anthracene
Concen: 45.592 ng
RT: 17.458 min Scan# 2446
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41



Tgt Ion:178 Resp: 3734563
Ion Ratio Lower Upper
178 100
176 22.9 16.2 24.2
179 18.6 14.0 21.0





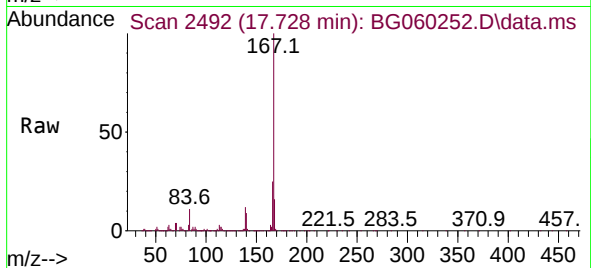
#73
 Carbazole
 Concen: 44.618 ng
 RT: 17.728 min Scan# 2492
 Delta R.T. -0.002 min
 Lab File: BG060252.D
 Acq: 4 Jan 2024 19:41

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MSD



Tgt Ion:167 Resp: 346639

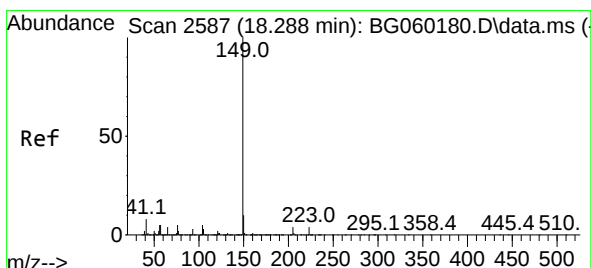
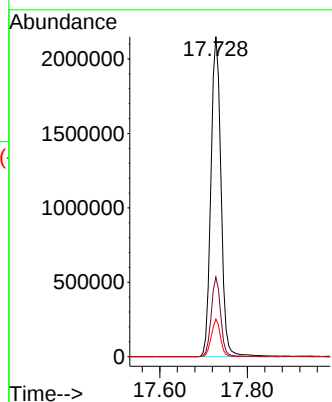
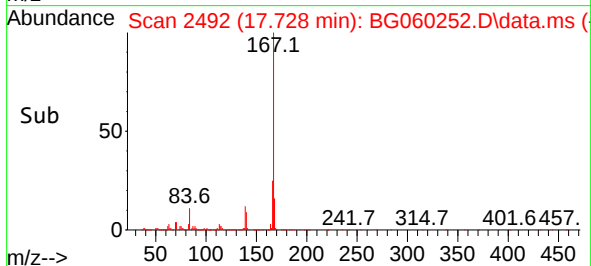
Ion	Ratio	Lower	Upper
167	100		
166	24.9	18.8	28.2
139	11.7	8.8	13.2

Manual Integrations

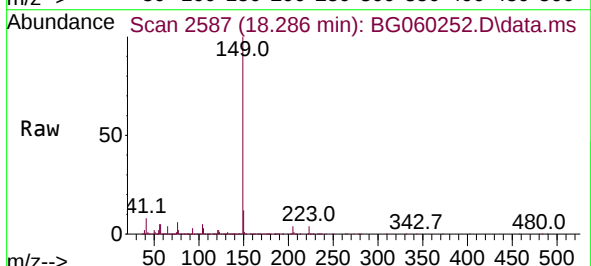
APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024

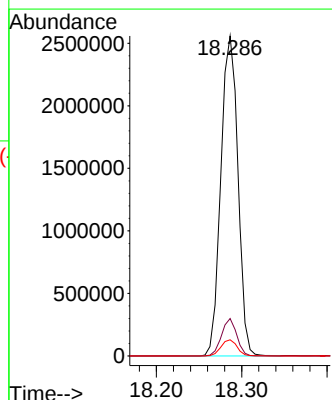
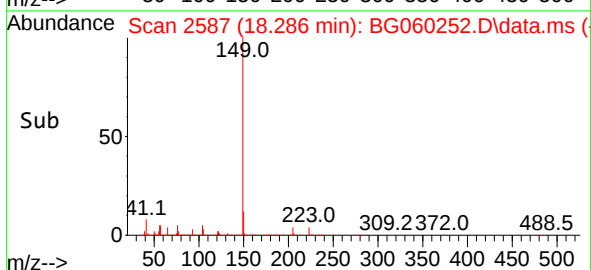


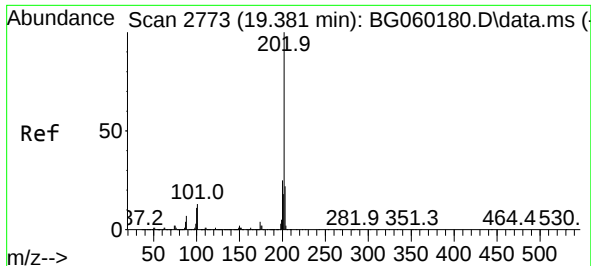
#74
 Di-n-butylphthalate
 Concen: 47.357 ng
 RT: 18.286 min Scan# 2587
 Delta R.T. -0.002 min
 Lab File: BG060252.D
 Acq: 4 Jan 2024 19:41



Tgt Ion:149 Resp: 3565418

Ion	Ratio	Lower	Upper
149	100		
150	11.7	8.3	12.5
104	5.1	4.2	6.4





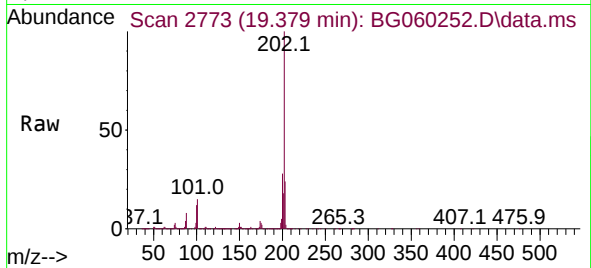
#75
Fluoranthene
Concen: 42.367 ng
RT: 19.379 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MSD



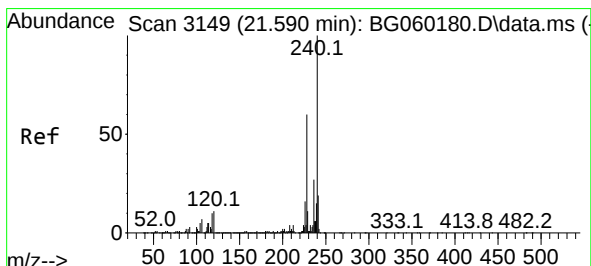
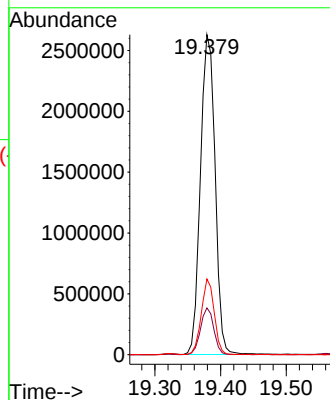
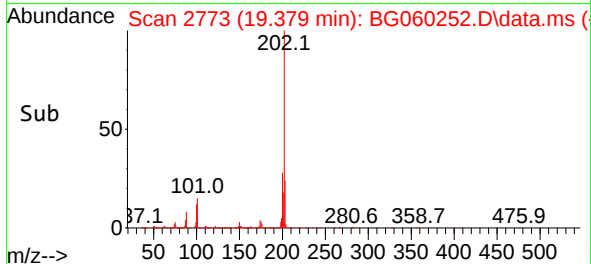
Tgt Ion:202 Resp: 409806
Ion Ratio Lower Upper
202 100
101 14.6 0.0 32.8
203 23.6 2.0 42.0

Manual Integrations

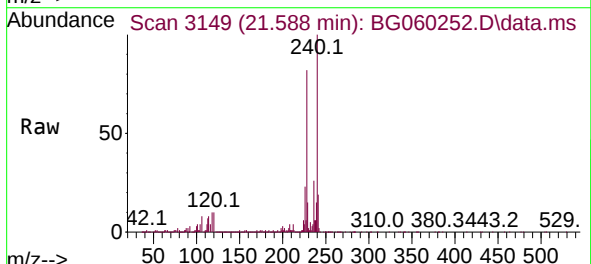
APPROVED

Reviewed By :Yogesh Patel 01/05/2024

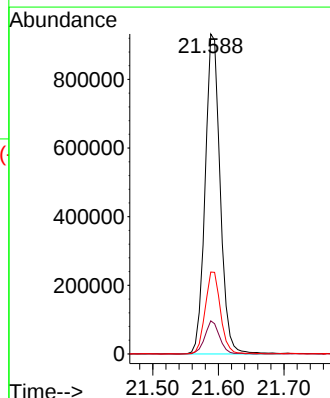
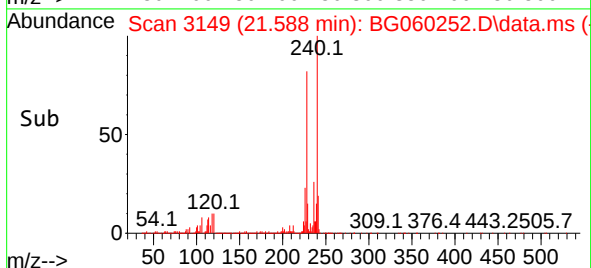
Supervised By :mohammad ahmed 01/05/2024

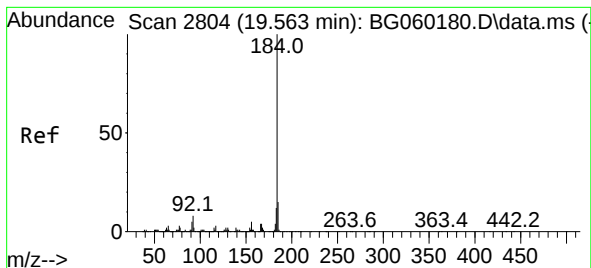


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.588 min Scan# 3149
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41



Tgt Ion:240 Resp: 1484814
Ion Ratio Lower Upper
240 100
120 10.4 8.5 12.7
236 25.6 21.4 32.2





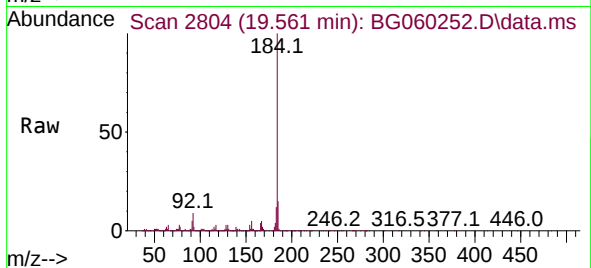
#77
Benzidine
Concen: 63.713 ng
RT: 19.561 min Scan# 2804
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MSD



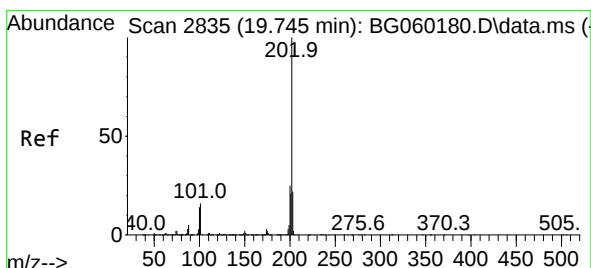
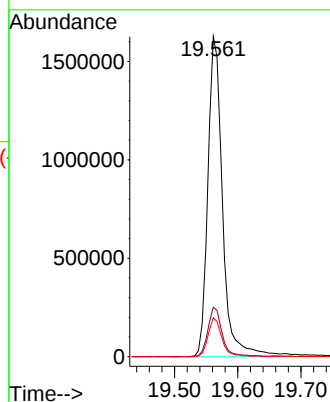
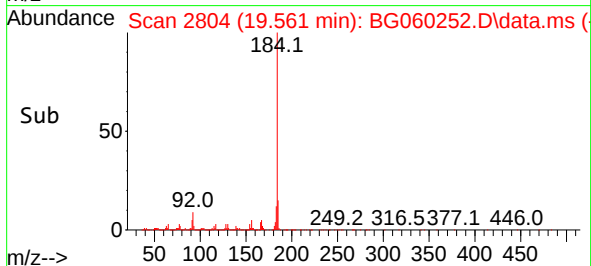
Tgt Ion:184 Resp: 261824
Ion Ratio Lower Upper
184 100
185 15.4 11.7 17.5
183 12.2 9.4 14.2

Manual Integrations

APPROVED

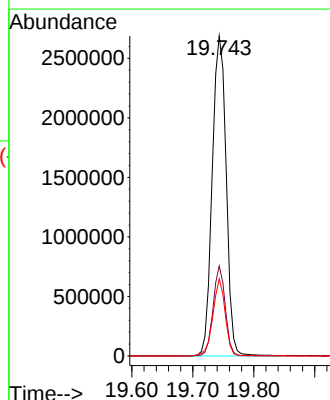
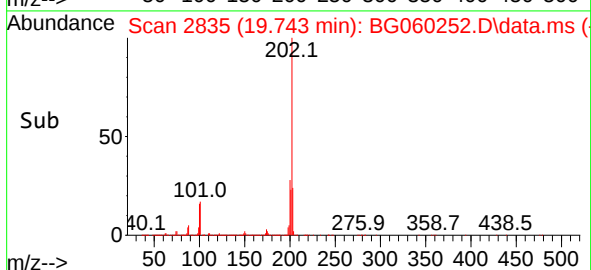
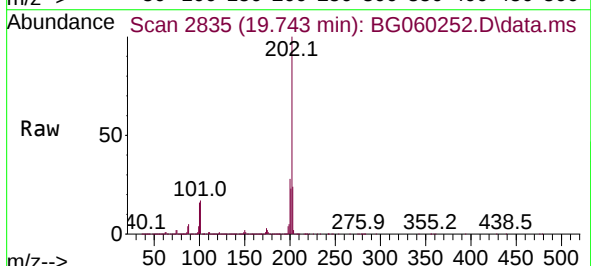
Reviewed By :Yogesh Patel 01/05/2024

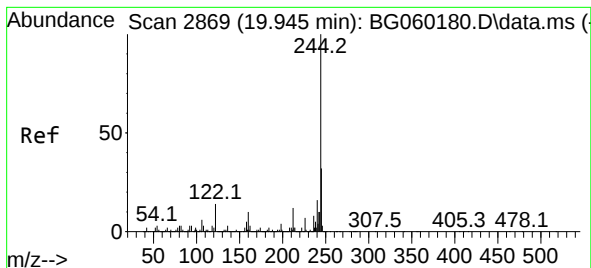
Supervised By :mohammad ahmed 01/05/2024



#78
Pyrene
Concen: 42.926 ng
RT: 19.743 min Scan# 2835
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Tgt Ion:202 Resp: 4284524
Ion Ratio Lower Upper
202 100
200 28.2 20.3 30.5
203 24.1 17.8 26.6





#79

Terphenyl-d14

Concen: 57.587 ng

RT: 19.943 min Scan# 2869

Delta R.T. -0.002 min

Lab File: BG060252.D

Acq: 4 Jan 2024 19:41

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MSD

Tgt Ion:244 Resp: 4447638

Ion Ratio Lower Upper

244 100

212 10.6 9.5 14.3

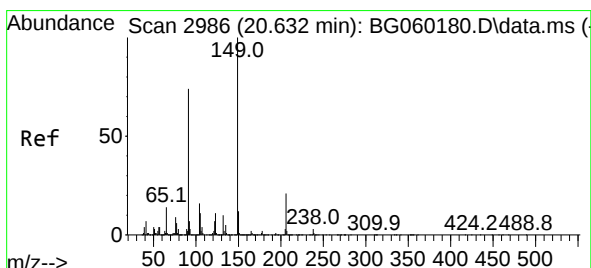
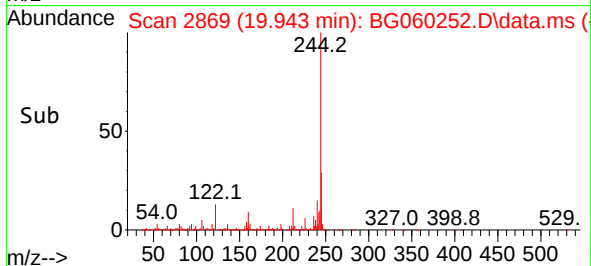
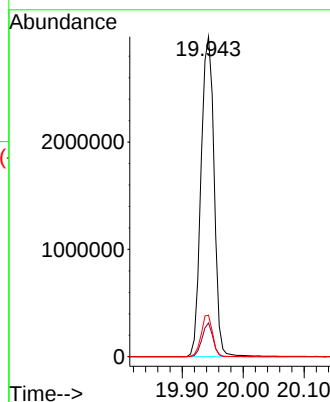
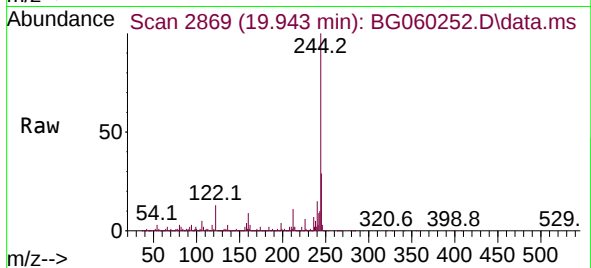
122 12.9 11.4 17.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#80

Butylbenzylphthalate

Concen: 57.372 ng

RT: 20.631 min Scan# 2986

Delta R.T. -0.002 min

Lab File: BG060252.D

Acq: 4 Jan 2024 19:41

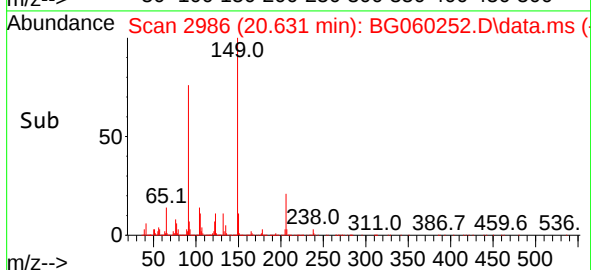
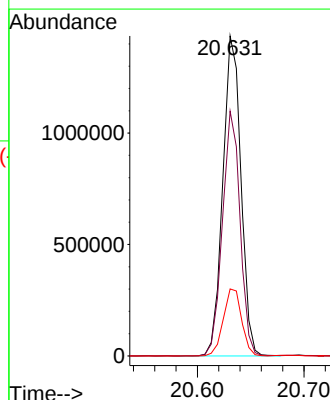
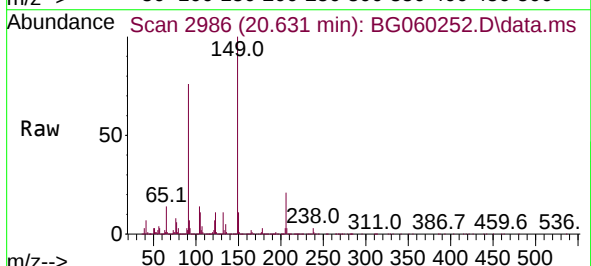
Tgt Ion:149 Resp: 1688477

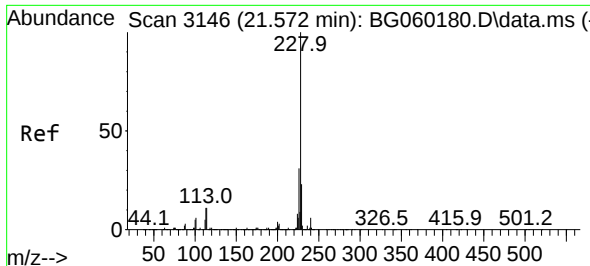
Ion Ratio Lower Upper

149 100

91 76.5 59.4 89.2

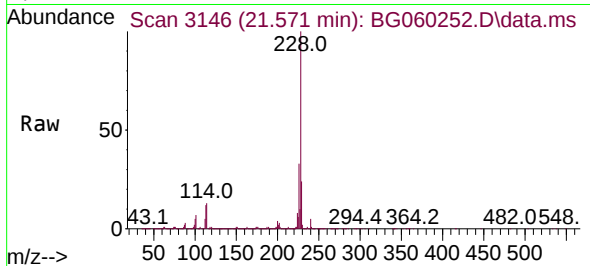
206 20.9 16.6 25.0





#81
Benzo(a)anthracene
Concen: 44.510 ng
RT: 21.571 min Scan# 3146
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

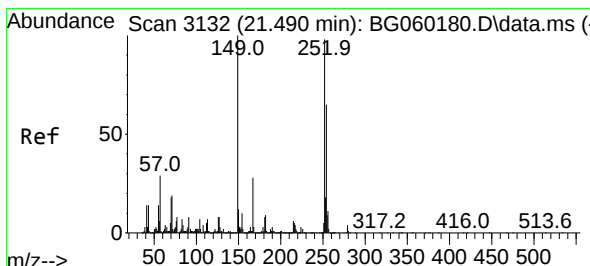
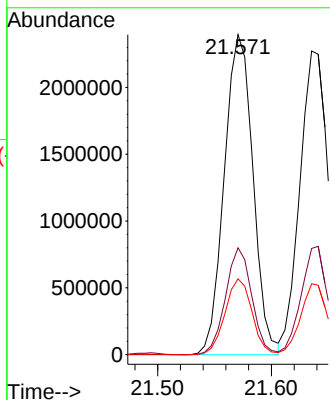
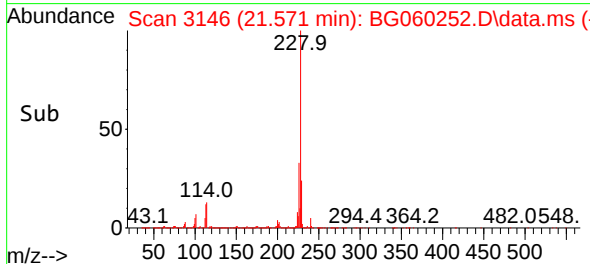
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MSD



Tgt Ion:228 Resp: 4201984
Ion Ratio Lower Upper
228 100
226 33.4 24.6 36.8
229 23.7 18.4 27.6

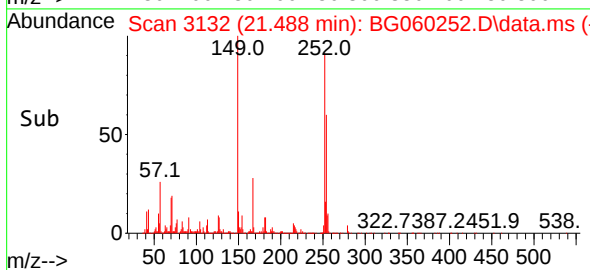
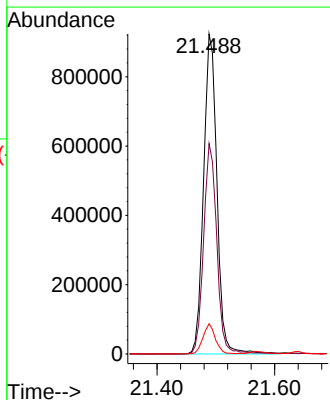
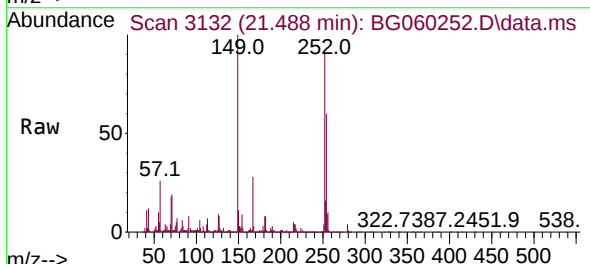
Manual Integrations
APPROVED

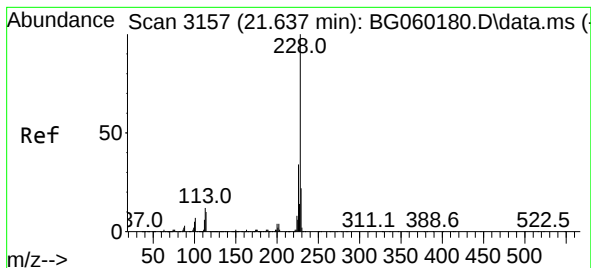
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#82
3,3'-Dichlorobenzidine
Concen: 42.376 ng
RT: 21.488 min Scan# 3132
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Tgt Ion:252 Resp: 1454774
Ion Ratio Lower Upper
252 100
254 65.7 52.6 78.8
126 9.4 6.9 10.3





#83

Chrysene

Concen: 43.808 ng

RT: 21.635 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG060252.D

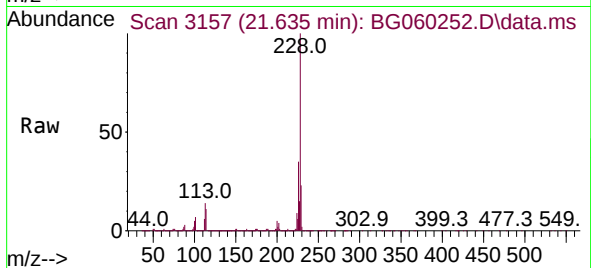
Acq: 4 Jan 2024 19:41

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MSD



Tgt Ion:228 Resp: 4017974

Ion Ratio Lower Upper

228 100

226 35.0 26.8 40.2

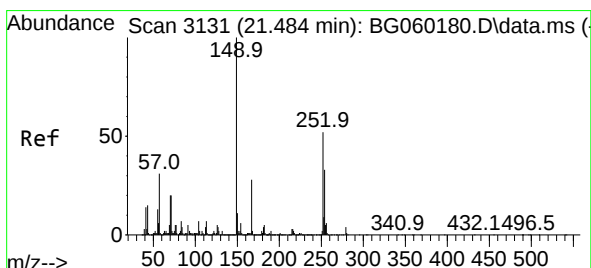
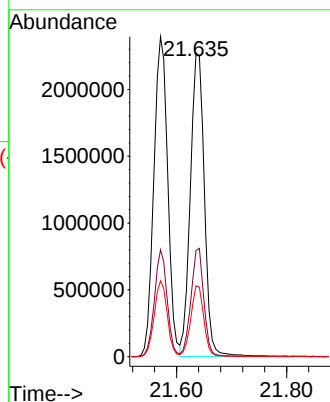
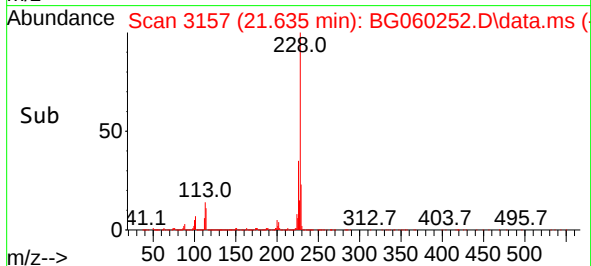
229 23.4 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.847 ng

RT: 21.477 min Scan# 3130

Delta R.T. -0.007 min

Lab File: BG060252.D

Acq: 4 Jan 2024 19:41

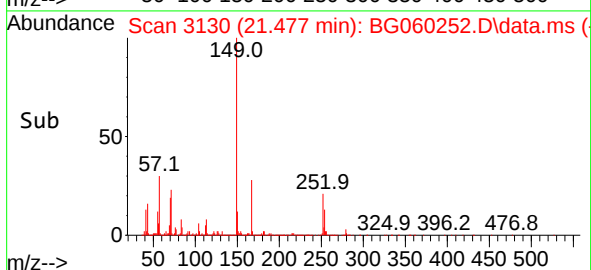
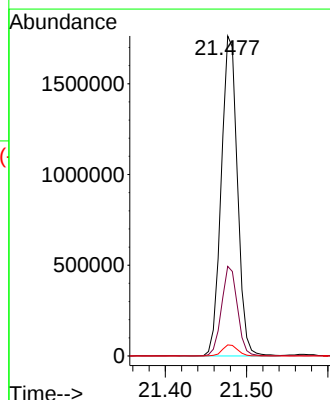
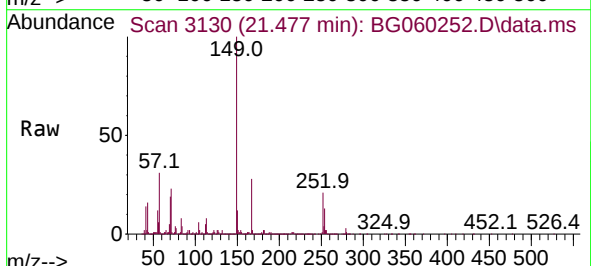
Tgt Ion:149 Resp: 2447901

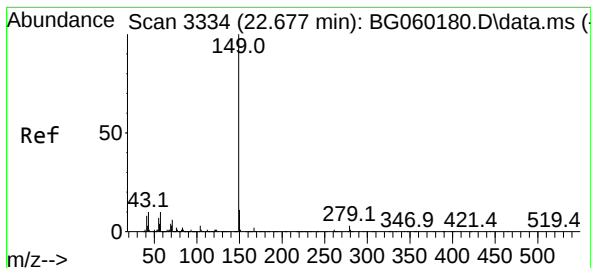
Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.4

279 3.5 2.9 4.3





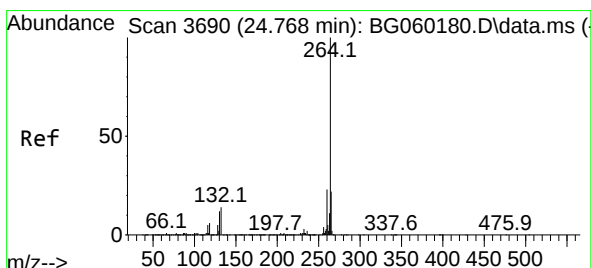
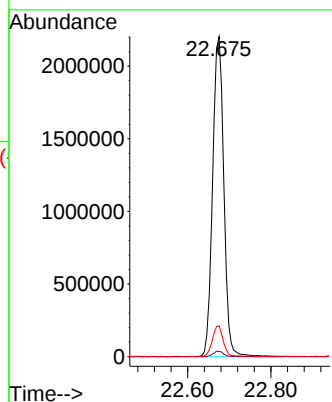
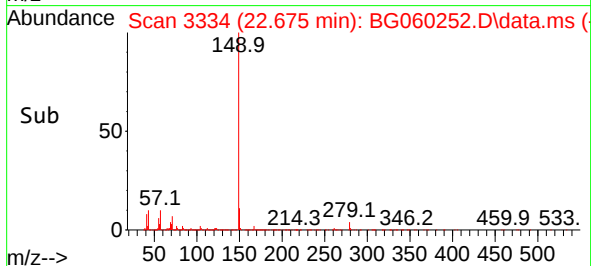
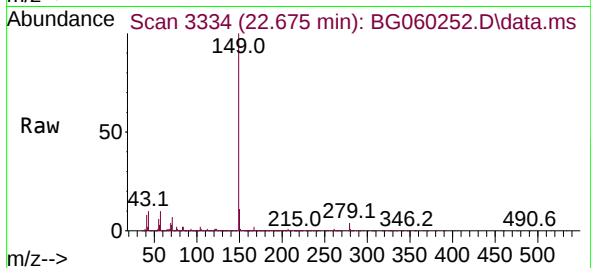
#85
Di-n-octyl phthalate
Concen: 56.274 ng
RT: 22.675 min Scan# 3116
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MSD

Tgt Ion:149 Resp: 411116
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.2 7.8 11.8

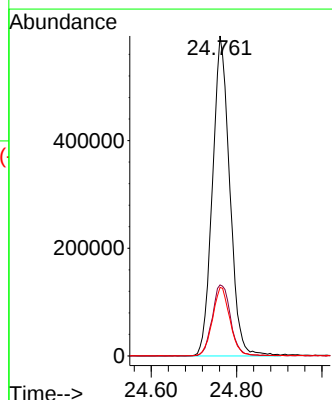
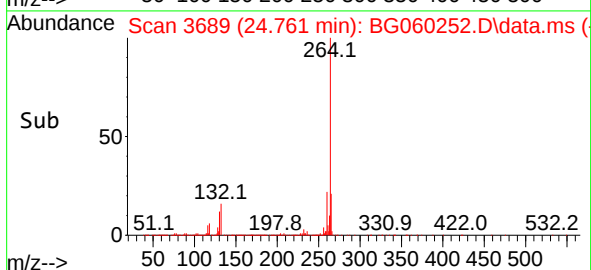
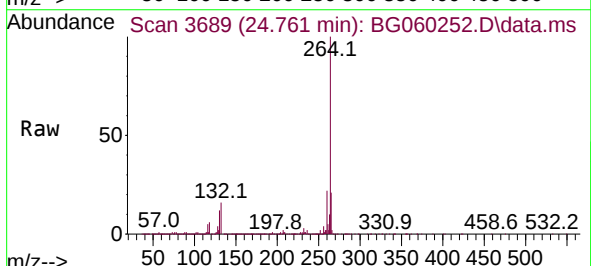
Manual Integrations
APPROVED

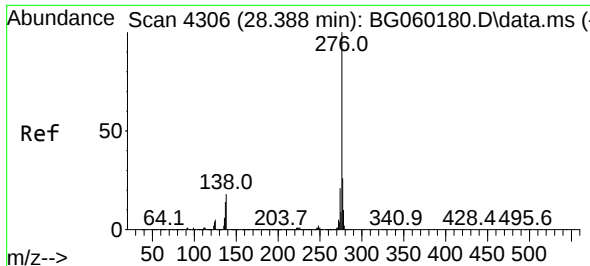
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.761 min Scan# 3689
Delta R.T. -0.007 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Tgt Ion:264 Resp: 1671472
Ion Ratio Lower Upper
264 100
260 22.2 18.0 27.0
265 21.4 17.4 26.0





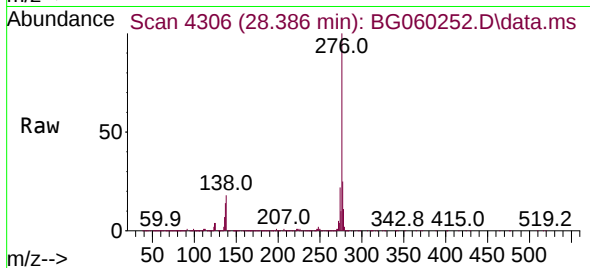
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.784 ng
RT: 28.386 min Scan# 4306
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Instrument :

BNA_G

ClientSampleId :

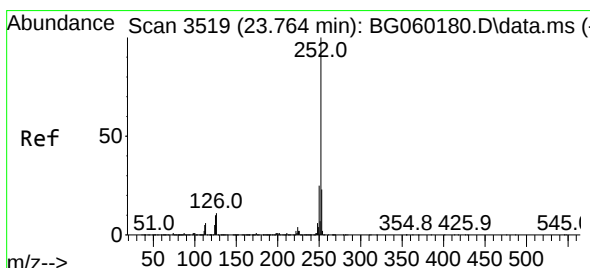
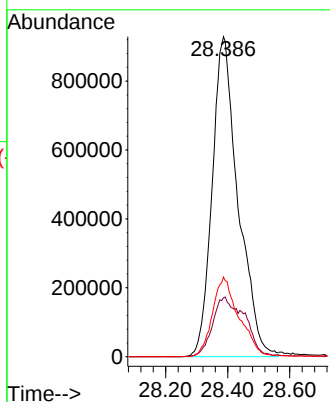
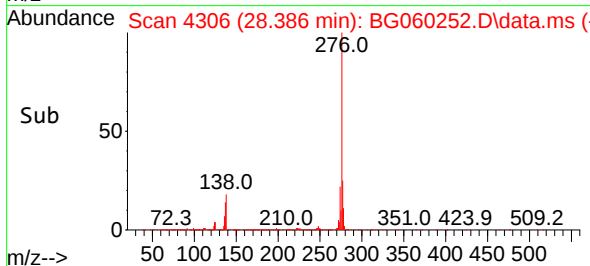
MR-321-10-12MSD



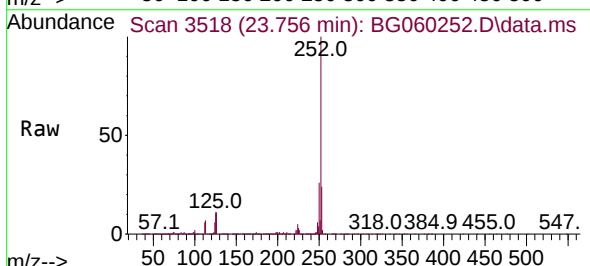
Tgt Ion:276 Resp: 539528
Ion Ratio Lower Upper
276 100
138 23.0 18.0 27.0
277 25.3 20.0 30.0

Manual Integrations
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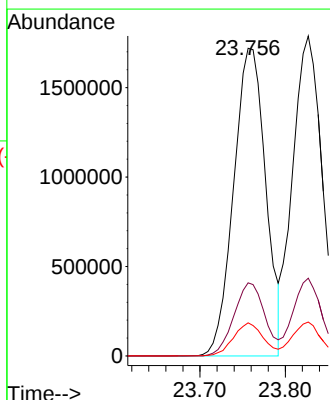
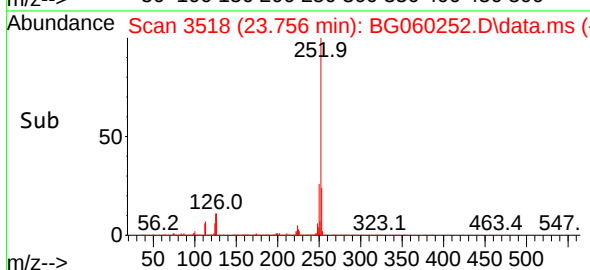
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

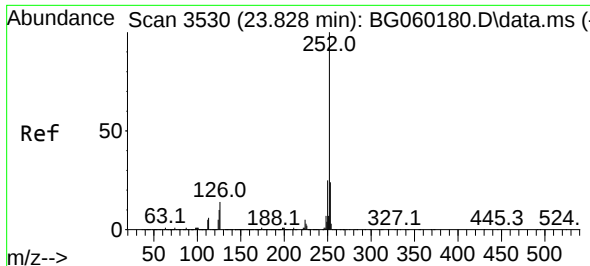


#88
Benzo(b)fluoranthene
Concen: 44.767 ng
RT: 23.756 min Scan# 3518
Delta R.T. -0.007 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41



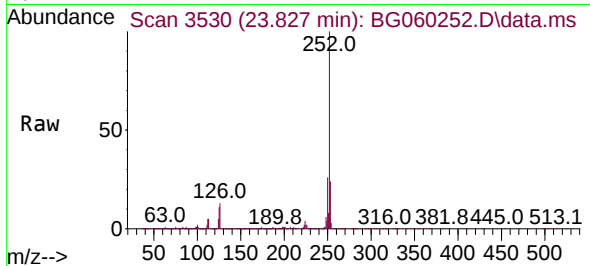
Tgt Ion:252 Resp: 4496681
Ion Ratio Lower Upper
252 100
253 23.7 18.4 27.6
125 10.7 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 42.971 ng
RT: 23.827 min Scan# 3530
Delta R.T. -0.002 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

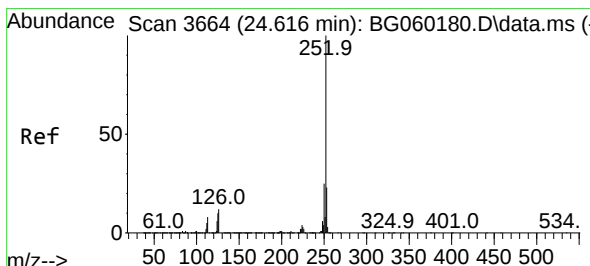
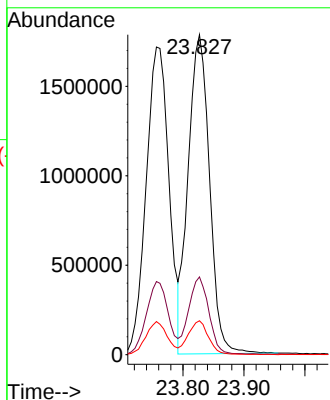
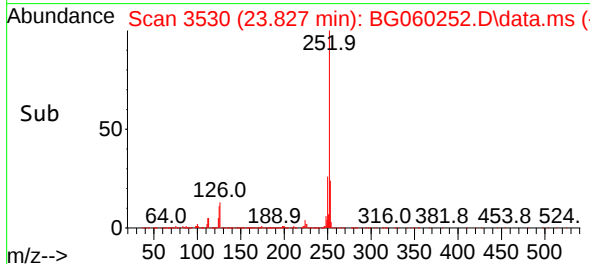
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MSD



Tgt Ion:252 Resp: 4344330
Ion Ratio Lower Upper
252 100
253 24.3 19.1 28.7
125 10.6 7.7 11.5

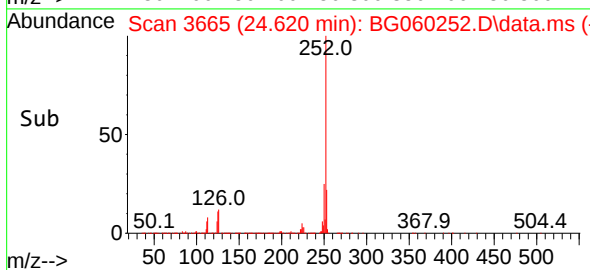
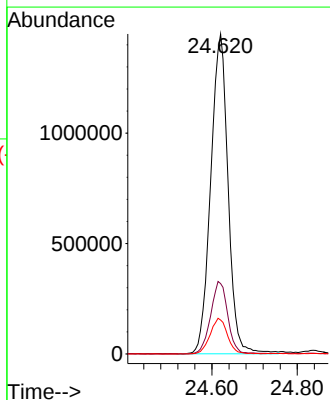
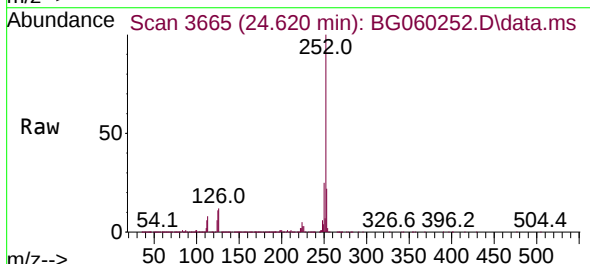
Manual Integrations
APPROVED

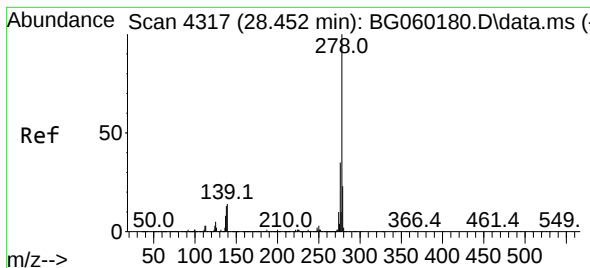
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#90
Benzo(a)pyrene
Concen: 45.009 ng
RT: 24.620 min Scan# 3665
Delta R.T. 0.004 min
Lab File: BG060252.D
Acq: 4 Jan 2024 19:41

Tgt Ion:252 Resp: 4090164
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 10.6 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 45.911 ng

RT: 28.451 min Scan# 41

Delta R.T. -0.002 min

Lab File: BG060252.D

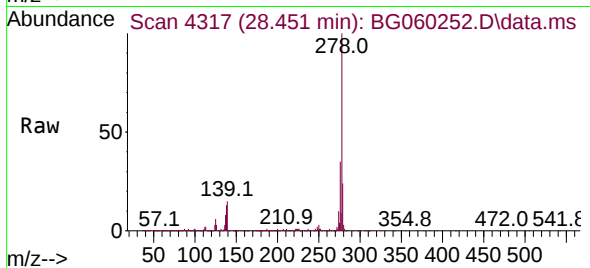
Acq: 4 Jan 2024 19:41

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MSD



Tgt Ion:278 Resp: 444533

Ion Ratio Lower Upper

278 100

139 14.5 11.0 16.4

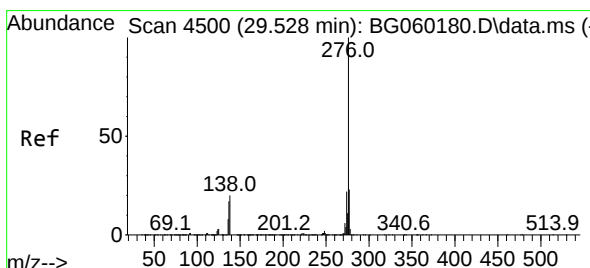
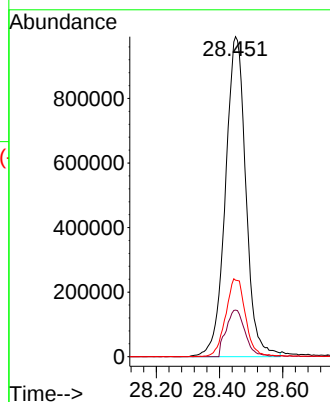
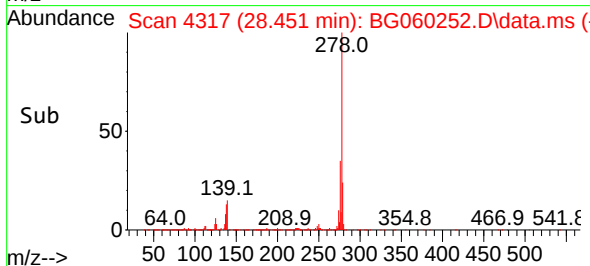
279 23.9 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#92

Benzo(g,h,i)perylene

Concen: 44.095 ng

RT: 29.526 min Scan# 4500

Delta R.T. -0.002 min

Lab File: BG060252.D

Acq: 4 Jan 2024 19:41

Tgt Ion:276 Resp: 4324603

Ion Ratio Lower Upper

276 100

277 24.1 18.7 28.1

138 20.6 15.9 23.9

