

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010324\
 Data File : BG060225.D
 Acq On : 3 Jan 2024 13:31
 Operator : MA/JU
 Sample : PB157753BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157753BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/04/2024

Quant Time: Jan 03 14:09:32 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	7.937	152	200155	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	863999	20.000	ng	0.00
39) Acenaphthene-d10	14.576	164	678367	20.000	ng	0.00
64) Phenanthrene-d10	17.326	188	1652685	20.000	ng	0.00
76) Chrysene-d12	21.592	240	1452009	20.000	ng	0.00
86) Perylene-d12	24.764	264	1581116	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1948744	146.952	ng	0.00
7) Phenol-d6	7.103	99	2885054	146.526	ng	0.00
23) Nitrobenzene-d5	9.100	82	1661141	88.806	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	1349848	148.651	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	4010216	84.962	ng	0.00
79) Terphenyl-d14	19.941	244	5440369	72.032	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.407	88	194034	32.887	ng	96
3) Pyridine	3.801	79	419502	25.071	ng	98
4) n-Nitrosodimethylamine	3.718	42	243974	39.085	ng	89
6) Aniline	7.261	93	674328	34.182	ng	96
8) 2-Chlorophenol	7.502	128	659248	51.727	ng	99
10) Phenol	7.132	94	1046894	52.726	ng	95
11) bis(2-Chloroethyl)ether	7.355	93	704506	43.848	ng	96
12) 1,3-Dichlorobenzene	7.825	146	655271	41.650	ng	98
13) 1,4-Dichlorobenzene	7.972	146	671082	42.192	ng	96
14) 1,2-Dichlorobenzene	8.290	146	675508	43.443	ng	97
15) Benzyl Alcohol	8.172	79	668803	54.724	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.466	45	943596m	45.760	ng	
17) 2-Methylphenol	8.378	107	659662	53.058	ng	98
18) Hexachloroethane	9.018	117	226792	45.274	ng	94
19) n-Nitroso-di-n-propyla...	8.742	70	642647	47.777	ng	96
20) 3+4-Methylphenols	8.707	107	916660	52.021	ng	95
22) Acetophenone	8.760	105	1130378	44.158	ng	# 98
24) Nitrobenzene	9.141	77	871963	45.561	ng	98
25) Isophorone	9.658	82	1731417	44.242	ng	99
26) 2-Nitrophenol	9.852	139	362066	54.215	ng	96
27) 2,4-Dimethylphenol	9.911	122	594917	62.889	ng	99
28) bis(2-Chloroethoxy)met...	10.146	93	1063998	46.419	ng	98
29) 2,4-Dichlorophenol	10.387	162	804429	53.806	ng	97
30) 1,2,4-Trichlorobenzene	10.599	180	776561	42.676	ng	95
31) Naphthalene	10.792	128	2015276	44.181	ng	99
32) Benzoic acid	10.058	122	448974	52.015	ng	89
33) 4-Chloroaniline	10.898	127	421463	23.659	ng	99
34) Hexachlorobutadiene	11.074	225	442423	40.880	ng	97
35) Caprolactam	11.668	113	269747m	54.240	ng	
36) 4-Chloro-3-methylphenol	12.026	107	815645	53.011	ng	99
37) 2-Methylnaphthalene	12.396	142	1521772	46.188	ng	98
38) 1-Methylnaphthalene	12.620	142	1511674	45.381	ng	98
40) 1,2,4,5-Tetrachloroben...	12.767	216	980886	45.141	ng	99
41) Hexachlorocyclopentadiene	12.743	237	944582	134.488	ng	98
43) 2,4,6-Trichlorophenol	13.008	196	719682	50.400	ng	96
44) 2,4,5-Trichlorophenol	13.084	196	809640	50.685	ng	99

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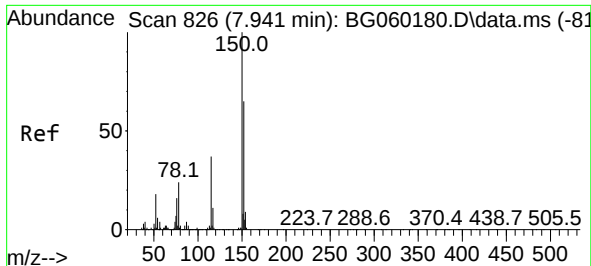
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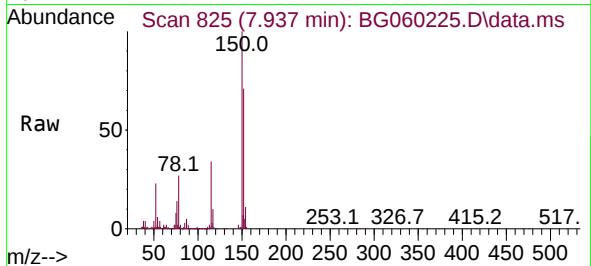
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.407	154	2283951	45.761	ng	98
47) 2-Chloronaphthalene	13.448	162	1909445	44.905	ng	99
48) 2-Nitroaniline	13.654	65	617881	55.602	ng	99
49) Acenaphthylene	14.300	152	3069452	50.099	ng	98
50) Dimethylphthalate	14.030	163	2471674	47.192	ng	99
51) 2,6-Dinitrotoluene	14.147	165	565025	51.866	ng	95
52) Acenaphthene	14.641	154	1779055	46.533	ng	99
53) 3-Nitroaniline	14.482	138	344786	33.589	ng	99
54) 2,4-Dinitrophenol	14.688	184	683695	104.913	ng	94
55) Dibenzofuran	14.976	168	3007015	46.954	ng	98
56) 4-Nitrophenol	14.794	139	916211	118.082	ng	97
57) 2,4-Dinitrotoluene	14.941	165	765647	51.687	ng	98
58) Fluorene	15.622	166	2468729	47.001	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.199	232	733657	52.694	ng	99
60) Diethylphthalate	15.393	149	2428192	48.616	ng	99
61) 4-Chlorophenyl-phenyle...	15.616	204	1258616	46.019	ng	99
62) 4-Nitroaniline	15.651	138	539191	49.838	ng	97
63) Azobenzene	15.910	77	2451074	47.334	ng	97
65) 4,6-Dinitro-2-methylph...	15.698	198	448269	54.207	ng	94
66) n-Nitrosodiphenylamine	15.834	169	2213261	49.697	ng	100
67) 4-Bromophenyl-phenylether	16.509	248	813435	46.424	ng	99
68) Hexachlorobenzene	16.627	284	946072	46.051	ng	97
69) Atrazine	16.780	200	658581	40.236	ng	98
70) Pentachlorophenol	16.973	266	1191904	105.611	ng	96
71) Phenanthrene	17.367	178	3833456	46.926	ng	96
72) Anthracene	17.455	178	3908134	48.163	ng	96
73) Carbazole	17.726	167	3584218	46.572	ng	97
74) Di-n-butylphthalate	18.284	149	3758317	50.392	ng	97
75) Fluoranthene	19.382	202	4242803	44.278	ng	95
77) Benzidine	19.565	184	1312471	32.659	ng	98
78) Pyrene	19.747	202	4411092	45.193	ng	94
80) Butylbenzylphthalate	20.634	149	1790394	62.209	ng	99
81) Benzo(a)anthracene	21.574	228	4389136	47.543	ng	95
82) 3,3'-Dichlorobenzidine	21.492	252	1501637	44.729	ng	99
83) Chrysene	21.639	228	4155963	46.337	ng	95
84) Bis(2-ethylhexyl)phtha...	21.480	149	2620239	60.035	ng	98
85) Di-n-octyl phthalate	22.673	149	4351406	60.908	ng	100
87) Indeno(1,2,3-cd)pyrene	28.384	276	5645132	50.641	ng	99
88) Benzo(b)fluoranthene	23.760	252	4601916	48.433	ng	98
89) Benzo(k)fluoranthene	23.824	252	4610105	48.206	ng	98
90) Benzo(a)pyrene	24.617	252	4272528	49.702	ng	99
91) Dibenzo(a,h)anthracene	28.454	278	4706000	51.380	ng	99
92) Benzo(g,h,i)perylene	29.523	276	4521485	48.737	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

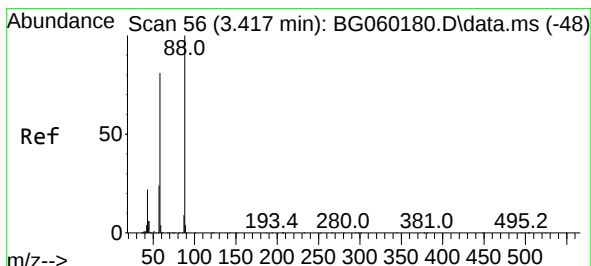
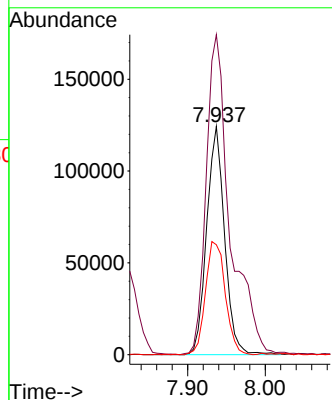
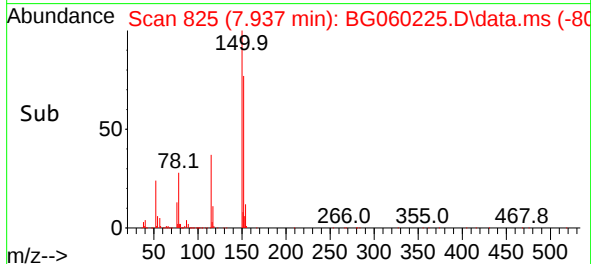
Instrument :
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Tgt Ion:152 Resp: 20015
Ion Ratio Lower Upper
152 100
150 140.2 123.4 185.0
115 48.1 45.4 68.0

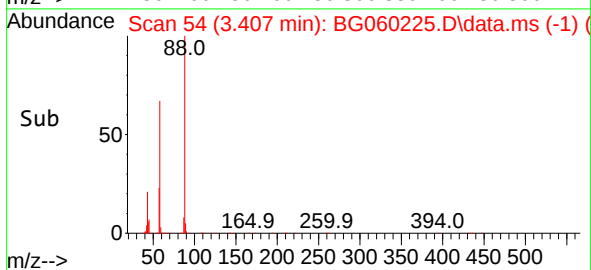
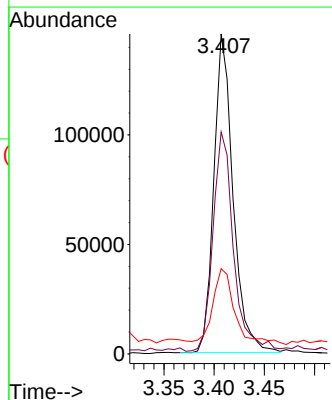
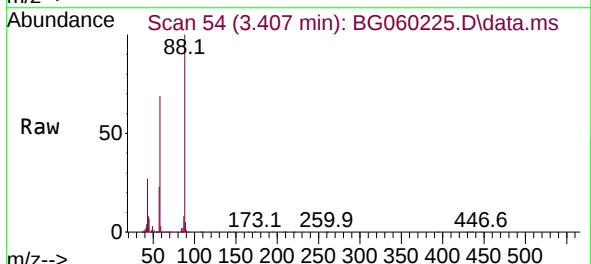
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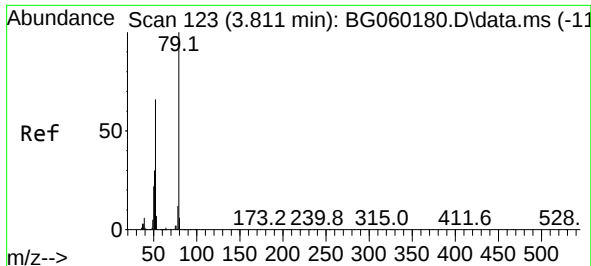
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#2
1,4-Dioxane
Concen: 32.887 ng
RT: 3.407 min Scan# 54
Delta R.T. -0.010 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

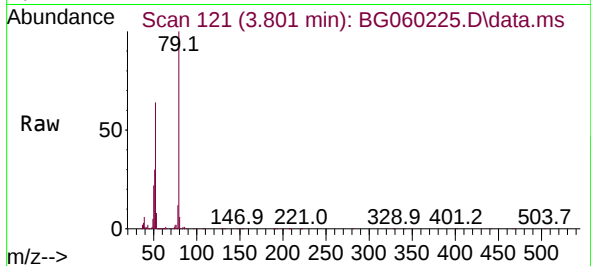
Tgt Ion: 88 Resp: 194034
Ion Ratio Lower Upper
88 100
58 73.2 60.5 90.7
43 27.2 18.9 28.3





#3
 Pyridine
 Concen: 25.071 ng
 RT: 3.801 min Scan# 11
 Delta R.T. -0.010 min
 Lab File: BG060225.D
 Acq: 3 Jan 2024 13:31

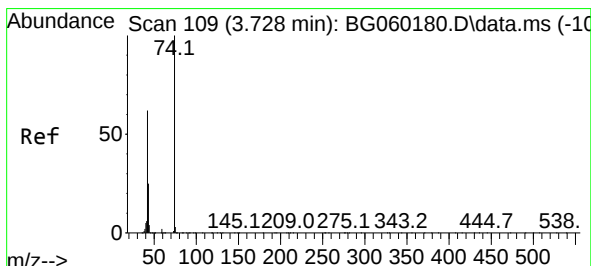
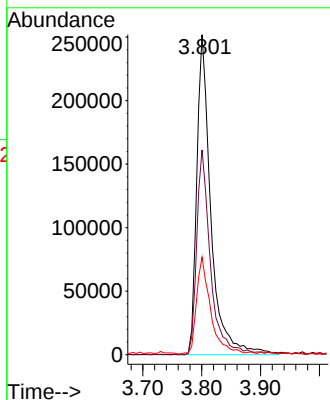
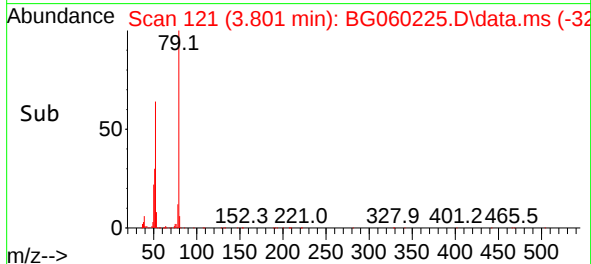
Instrument :
 BNA_G
 ClientSampleId :
 PB157753BSD



Tgt Ion: 79 Resp: 419502
 Ion Ratio Lower Upper
 79 100
 52 64.0 52.9 79.3
 51 30.5 24.6 37.0

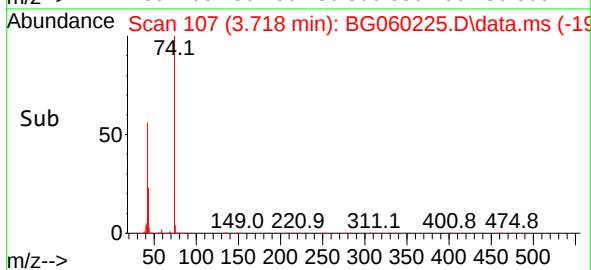
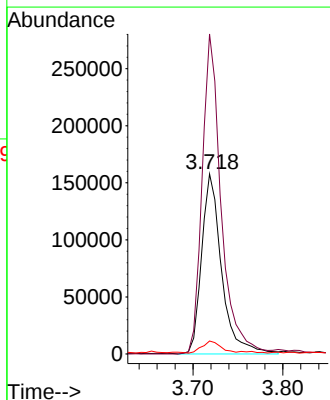
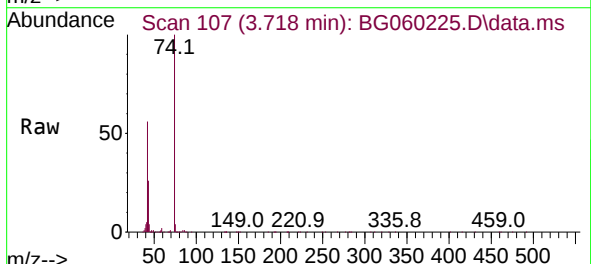
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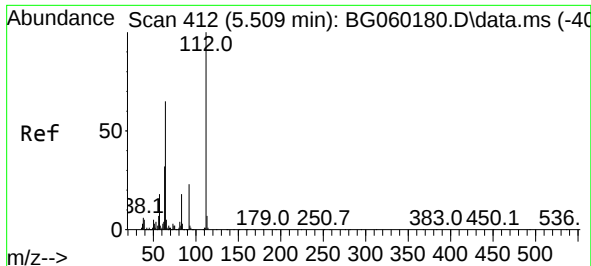
Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/04/2024



#4
 n-Nitrosodimethylamine
 Concen: 39.085 ng
 RT: 3.718 min Scan# 107
 Delta R.T. -0.010 min
 Lab File: BG060225.D
 Acq: 3 Jan 2024 13:31

Tgt Ion: 42 Resp: 243974
 Ion Ratio Lower Upper
 42 100
 74 177.8 129.5 194.3
 44 7.2 5.9 8.9





#5
2-Fluorophenol
Concen: 146.952 ng
RT: 5.510 min Scan# 412
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

Instrument :

BNA_G

ClientSampleId :

PB157753BSD

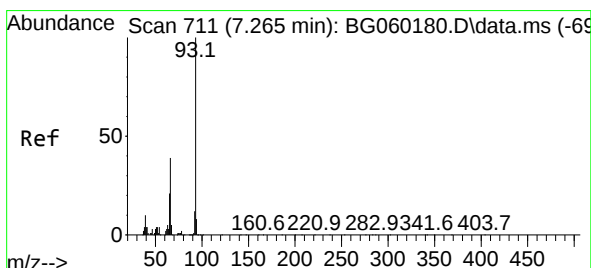
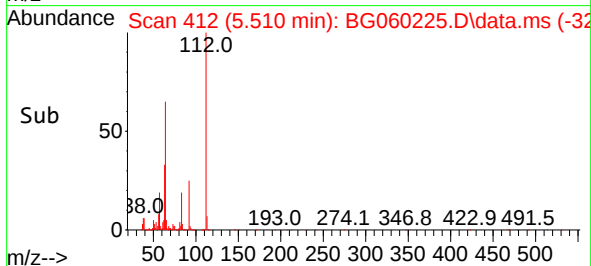
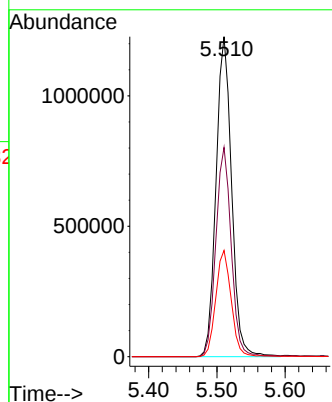
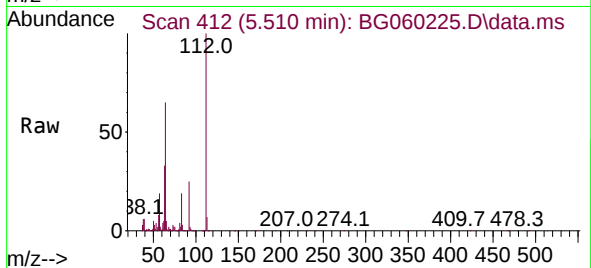
Tgt Ion:112 Resp: 1948744
Ion Ratio Lower Upper
112 100
64 65.4 52.2 78.4
63 33.2 25.4 38.0

Manual Integrations

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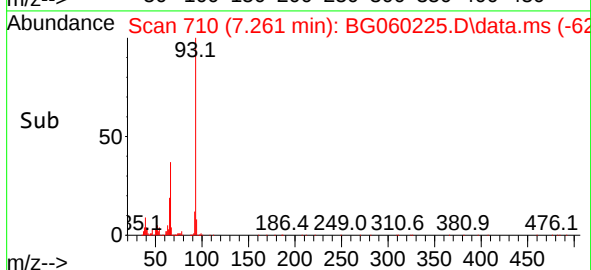
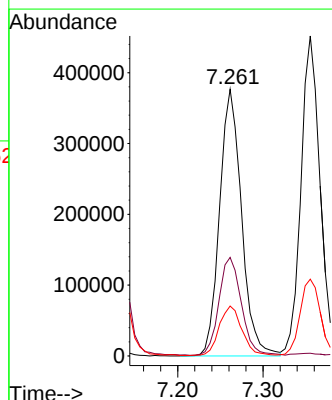
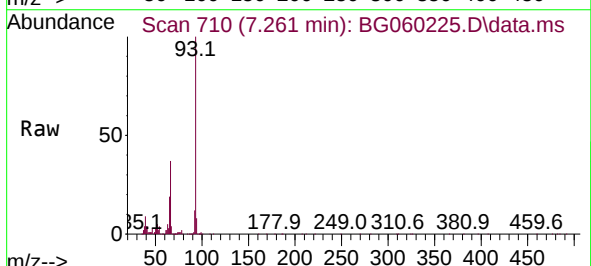
Reviewed By :Yogesh Patel 01/04/2024

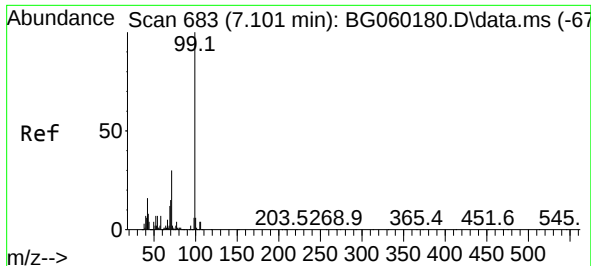
Supervised By :mohammad ahmed 01/04/2024



#6
Aniline
Concen: 34.182 ng
RT: 7.261 min Scan# 710
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

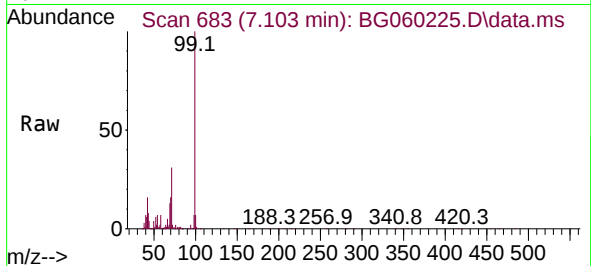
Tgt Ion: 93 Resp: 674328
Ion Ratio Lower Upper
93 100
66 36.9 31.7 47.5
65 18.7 16.7 25.1





#7
Phenol-d6
Concen: 146.526 ng
RT: 7.103 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

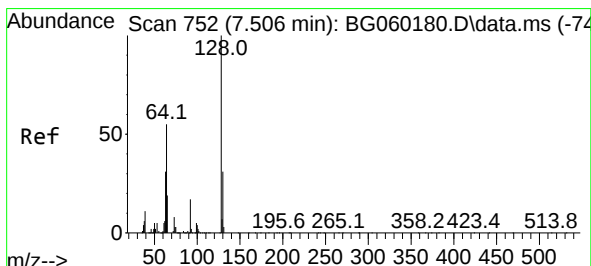
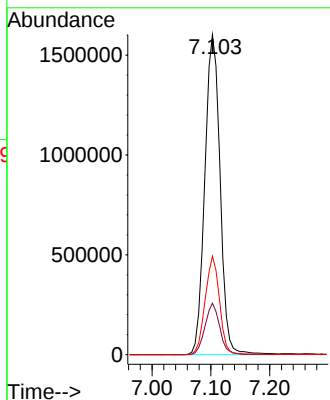
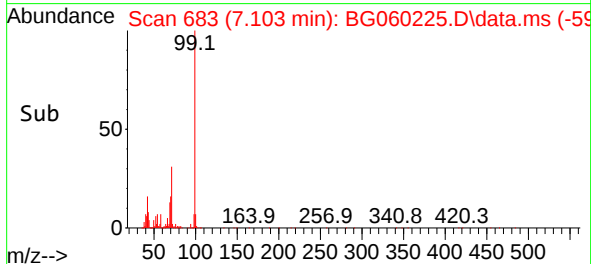
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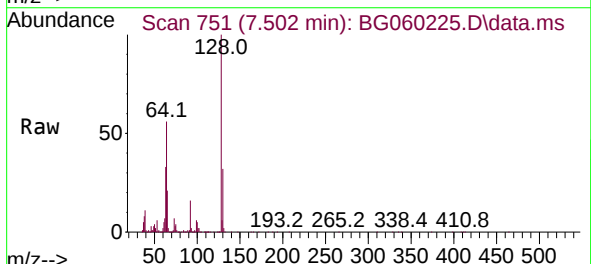
Tgt Ion: 99 Resp: 2885054
Ion Ratio Lower Upper
99 100
42 16.1 12.5 18.7
71 30.8 24.1 36.1

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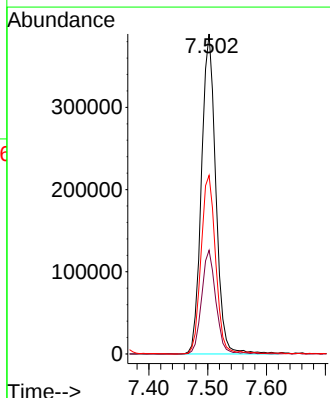
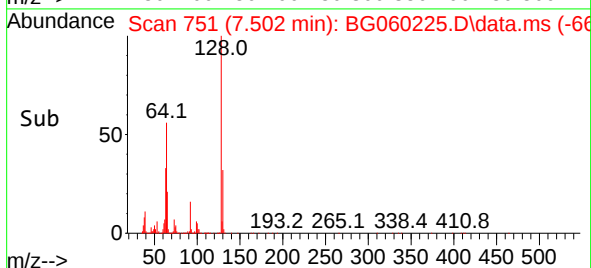
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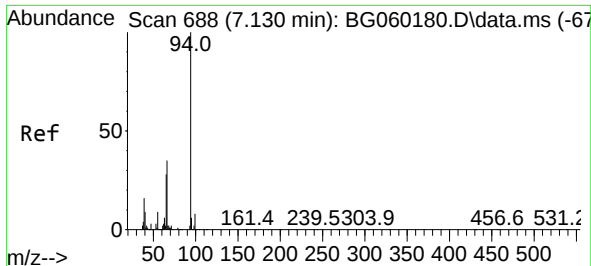


#8
2-Chlorophenol
Concen: 51.727 ng
RT: 7.502 min Scan# 751
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31



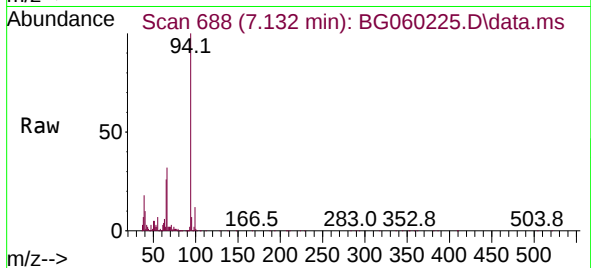
Tgt Ion:128 Resp: 659248
Ion Ratio Lower Upper
128 100
130 32.4 11.3 51.3
64 55.8 36.4 76.4





#10
Phenol
Concen: 52.726 ng
RT: 7.132 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

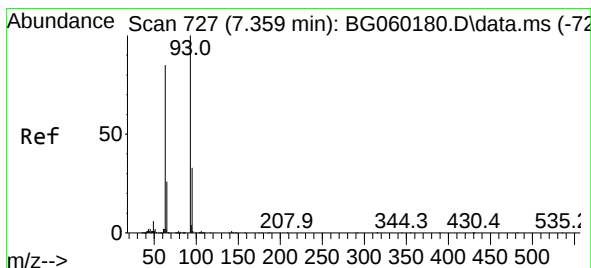
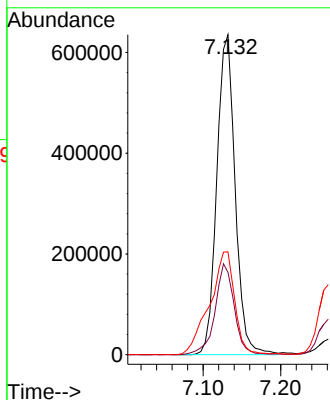
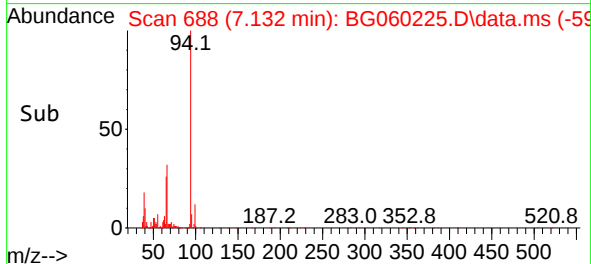
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BNA_G
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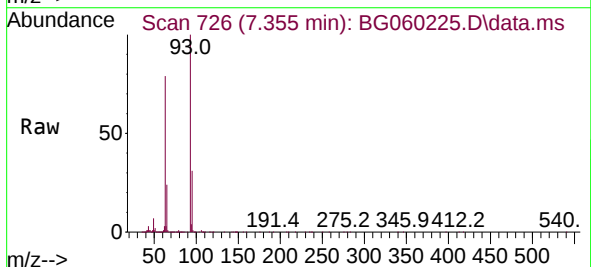
Tgt Ion: 94 Resp: 1046894
Ion Ratio Lower Upper
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65 25.7 8.4 48.4
66 32.2 15.0 55.0

Manual Integrations
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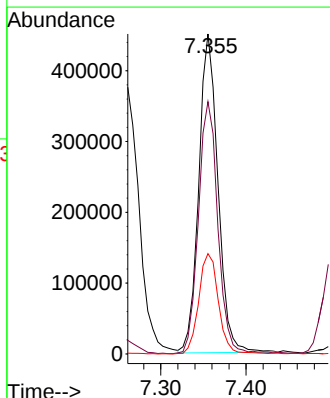
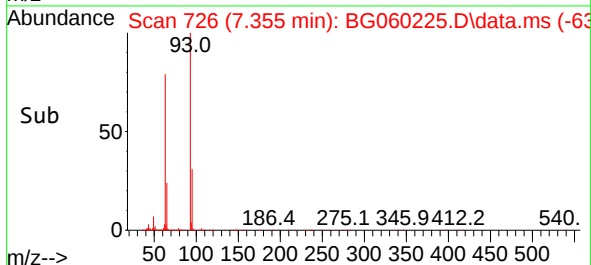
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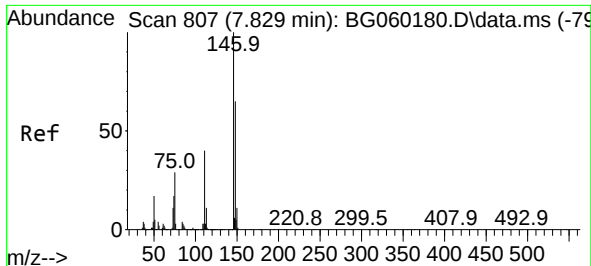


#11
bis(2-Chloroethyl)ether
Concen: 43.848 ng
RT: 7.355 min Scan# 726
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31



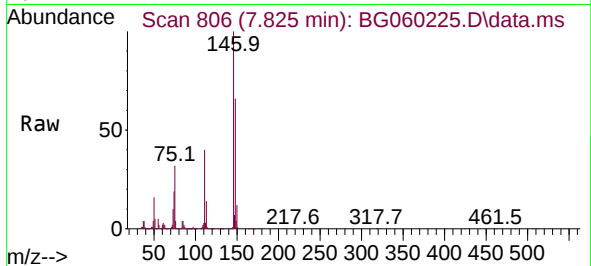
Tgt Ion: 93 Resp: 704506
Ion Ratio Lower Upper
93 100
63 78.9 63.8 103.8
95 31.3 12.3 52.3





#12
1,3-Dichlorobenzene
Concen: 41.650 ng
RT: 7.825 min Scan# 807
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

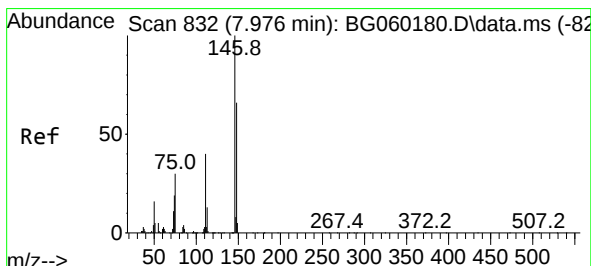
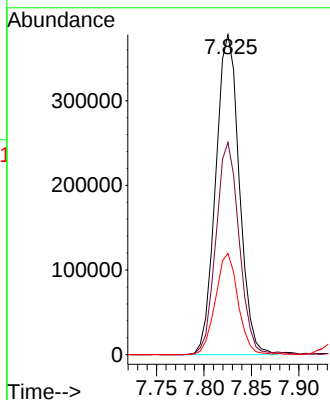
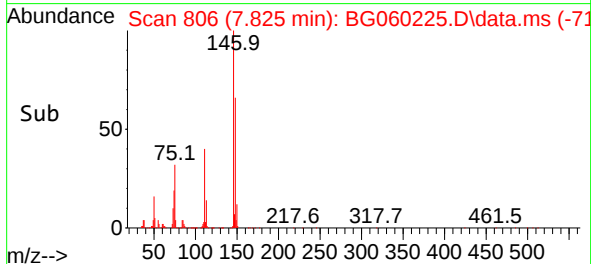
Instrument :
BNA_G
ClientSampleId :
PB157753BSD



Tgt Ion:146 Resp: 65527
Ion Ratio Lower Upper
146 100
148 66.3 52.2 78.4
75 31.7 23.4 35.2

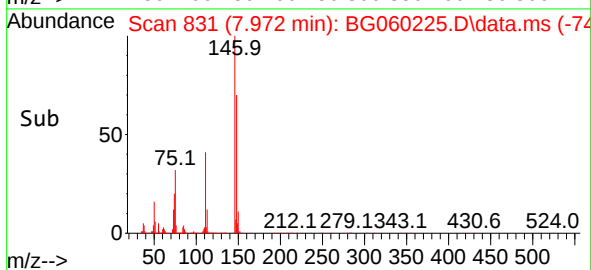
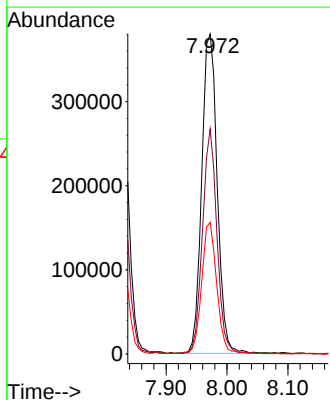
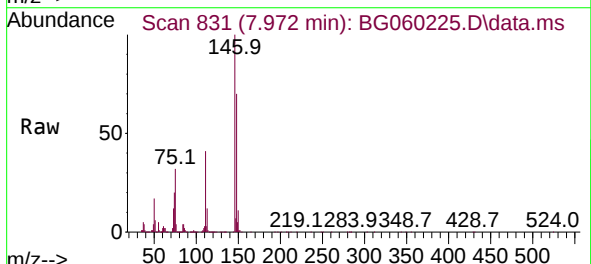
Manual Integrations
APPROVED

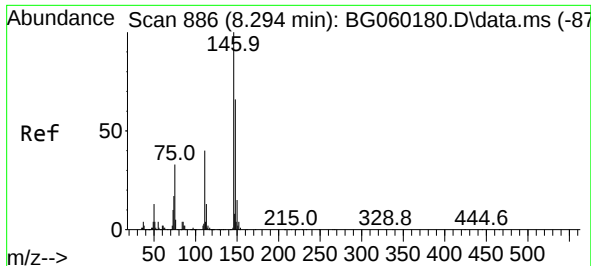
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#13
1,4-Dichlorobenzene
Concen: 42.192 ng
RT: 7.972 min Scan# 831
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

Tgt Ion:146 Resp: 671082
Ion Ratio Lower Upper
146 100
148 70.4 53.0 79.4
111 41.1 32.0 48.0





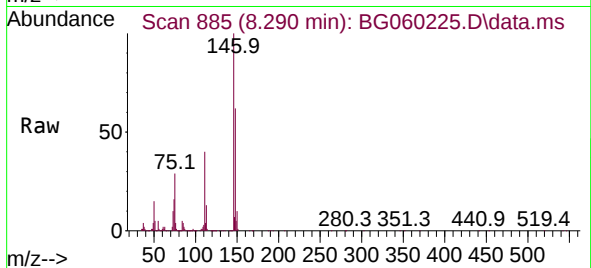
#14
1,2-Dichlorobenzene
Concen: 43.443 ng
RT: 8.290 min Scan# 886
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

Instrument :

BNA_G

ClientSampleId :

PB157753BSD



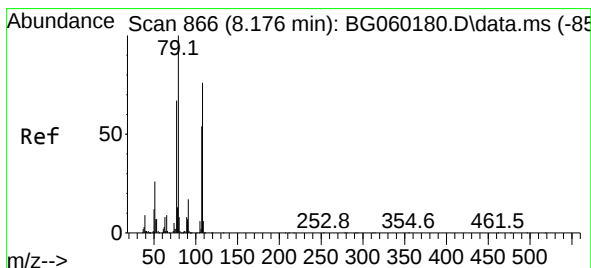
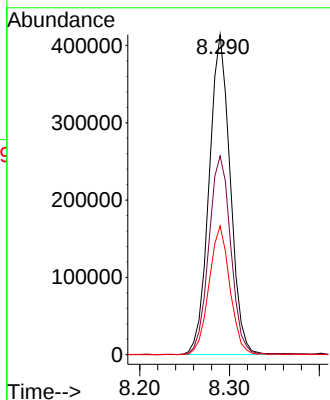
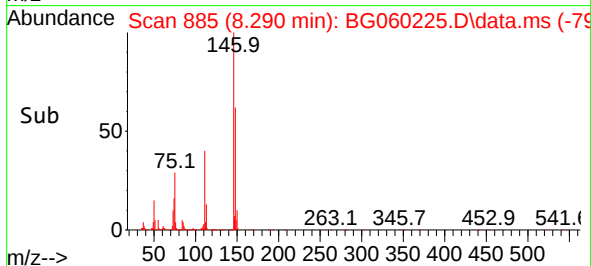
Tgt Ion:146 Resp: 675508
Ion Ratio Lower Upper
146 100
148 62.1 52.9 79.3
111 40.2 31.8 47.8

Manual Integrations

APPROVED

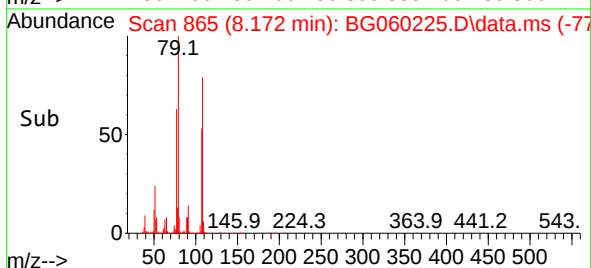
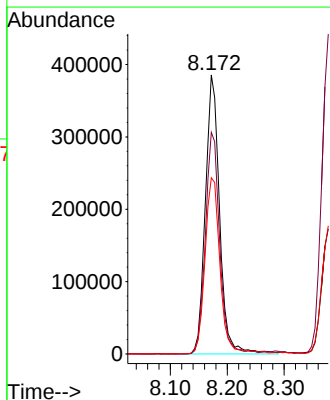
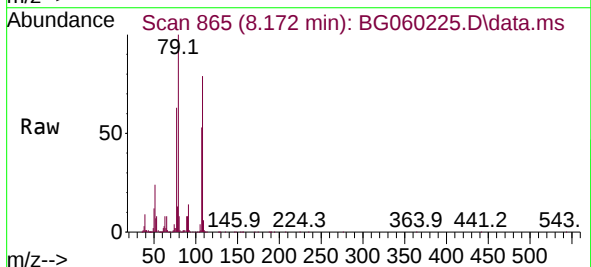
Reviewed By :Yogesh Patel 01/04/2024

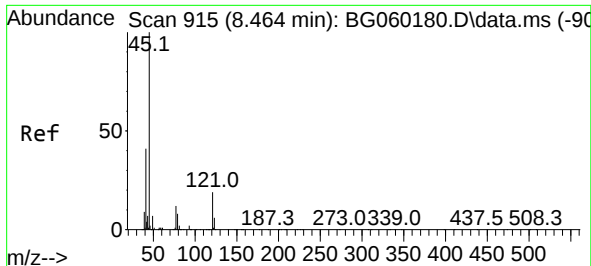
Supervised By :mohammad ahmed 01/04/2024



#15
Benzyl Alcohol
Concen: 54.724 ng
RT: 8.172 min Scan# 865
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

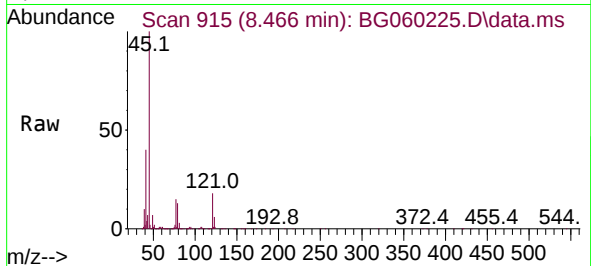
Tgt Ion: 79 Resp: 668803
Ion Ratio Lower Upper
79 100
108 79.5 60.6 91.0
77 63.1 53.8 80.6





#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.760 ng m
RT: 8.466 min Scan# 915
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

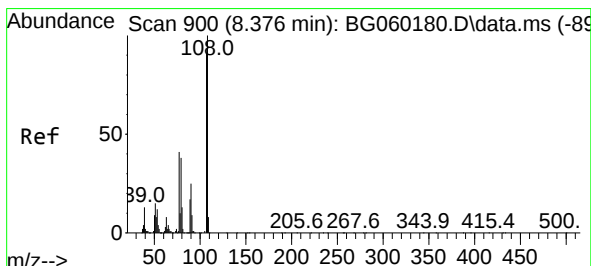
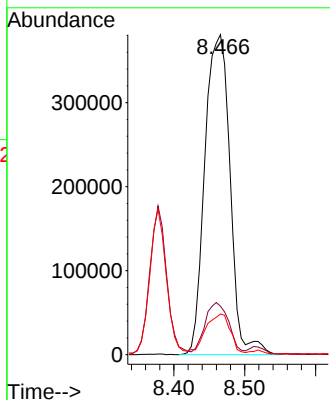
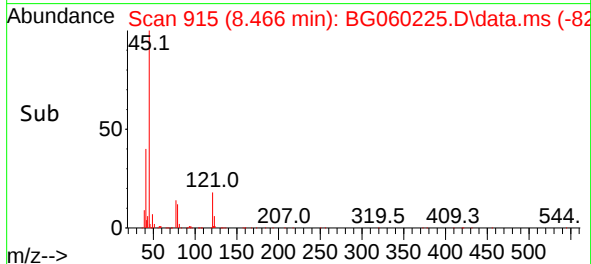
Instrument :
BNA_G
ClientSampleId :
PB157753BSD



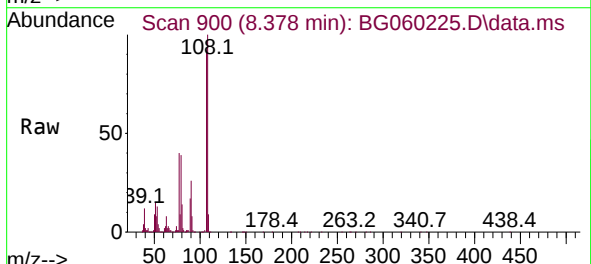
Tgt Ion: 45 Resp: 943590
Ion Ratio Lower Upper
45 100
77 15.2 0.0 35.5
79 12.7 0.0 31.5

Manual Integrations
APPROVED

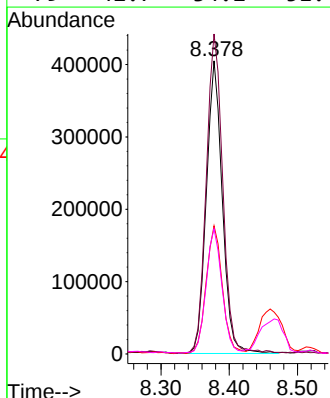
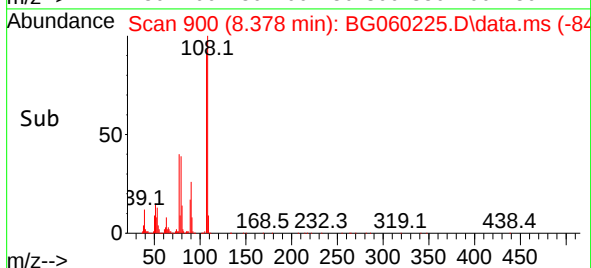
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

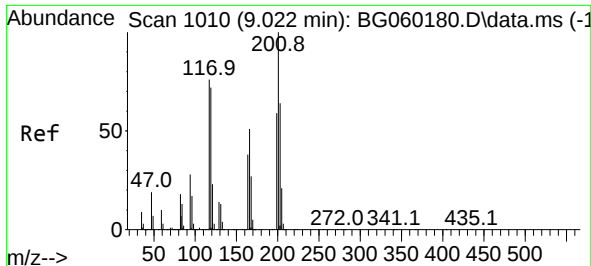


#17
2-Methylphenol
Concen: 53.058 ng
RT: 8.378 min Scan# 900
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31



Tgt Ion:107 Resp: 659662
Ion Ratio Lower Upper
107 100
108 109.2 88.7 133.1
77 43.7 36.4 54.6
79 42.7 34.2 51.4





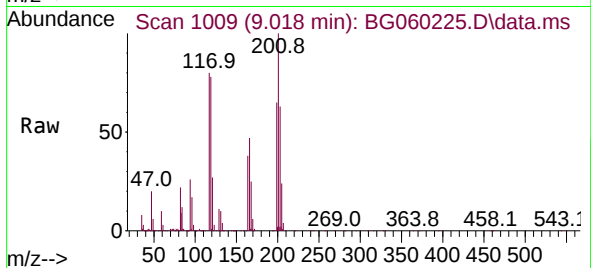
#18
Hexachloroethane
Concen: 45.274 ng
RT: 9.018 min Scan# 1010
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

Instrument :

BNA_G

ClientSampleId :

PB157753BSD



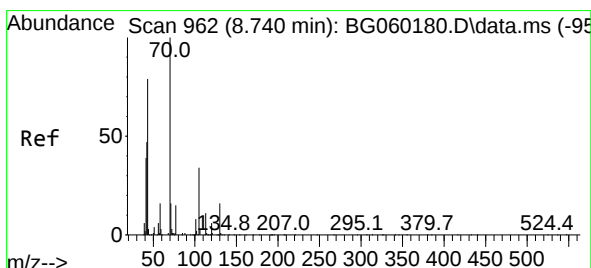
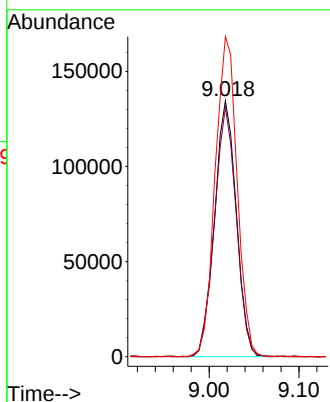
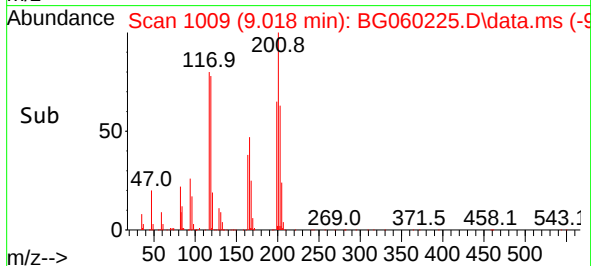
Tgt Ion:117 Resp: 226792
Ion Ratio Lower Upper
117 100
119 97.3 76.0 114.0
201 125.1 107.5 161.3

Manual Integrations

APPROVED

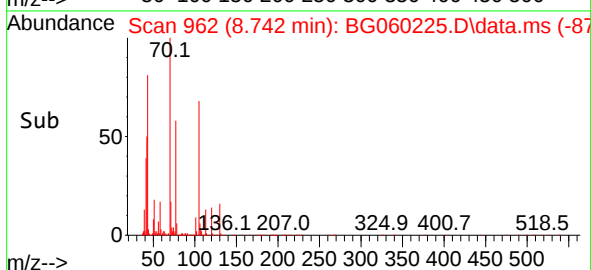
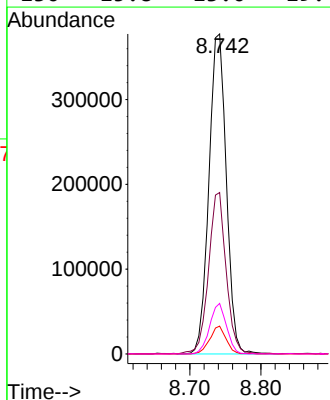
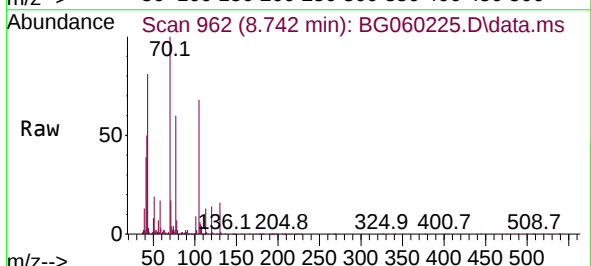
Reviewed By :Yogesh Patel 01/04/2024

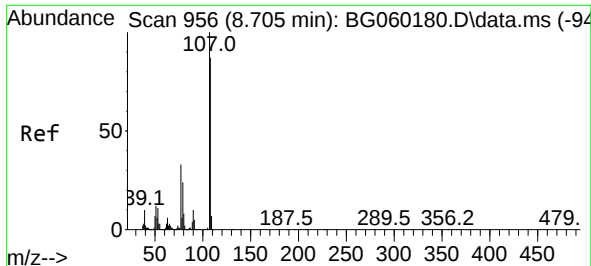
Supervised By :mohammad ahmed 01/04/2024



#19
n-Nitroso-di-n-propylamine
Concen: 47.777 ng
RT: 8.742 min Scan# 962
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

Tgt Ion: 70 Resp: 642647
Ion Ratio Lower Upper
70 100
42 50.5 37.9 56.9
101 8.7 6.2 9.2
130 15.8 13.0 19.4





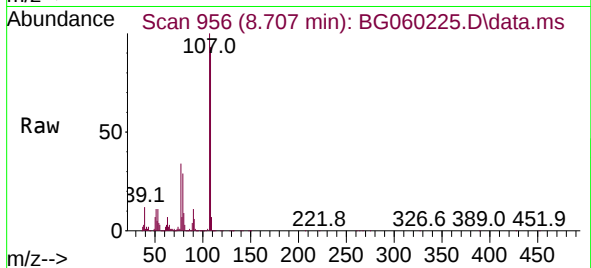
#20
3+4-Methylphenols
Concen: 52.021 ng
RT: 8.707 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

Instrument :

BNA_G

ClientSampleId :

PB157753BSD



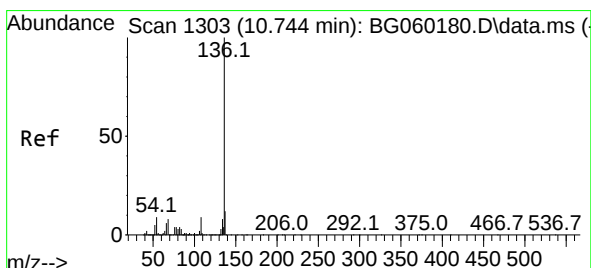
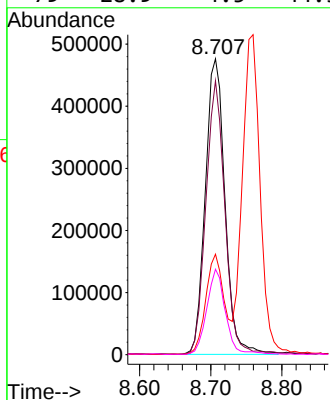
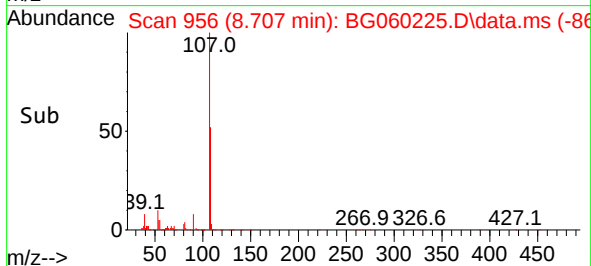
Tgt Ion:107 Resp: 916660
Ion Ratio Lower Upper
107 100
108 92.6 67.4 107.4
77 34.0 12.8 52.8
79 28.9 4.5 44.5

Manual Integrations

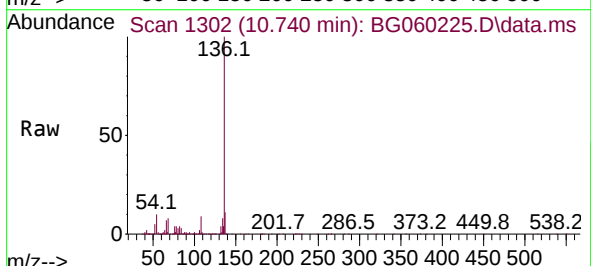
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

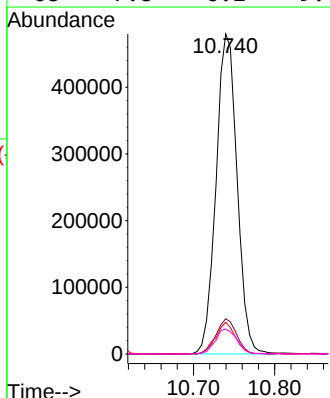
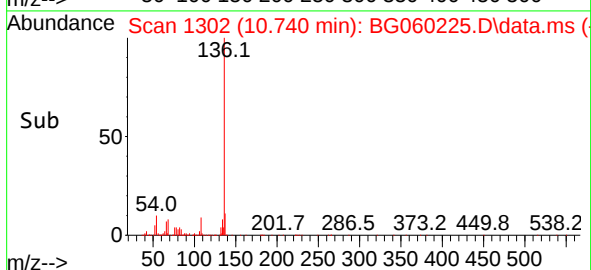
Supervised By :mohammad ahmed 01/04/2024

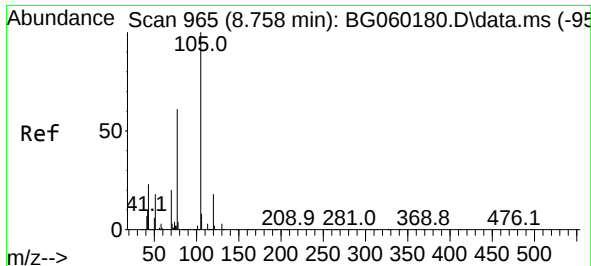


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 1302
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31



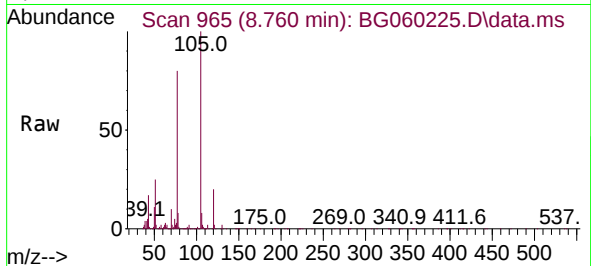
Tgt Ion:136 Resp: 863999
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.0
54 9.9 7.4 11.2
68 7.8 6.2 9.4





#22
Acetophenone
Concen: 44.158 ng
RT: 8.760 min Scan# 90
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

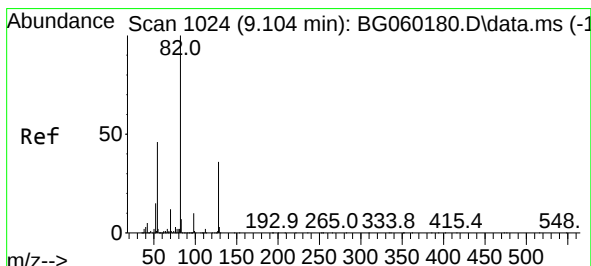
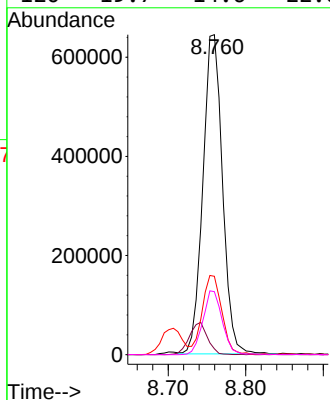
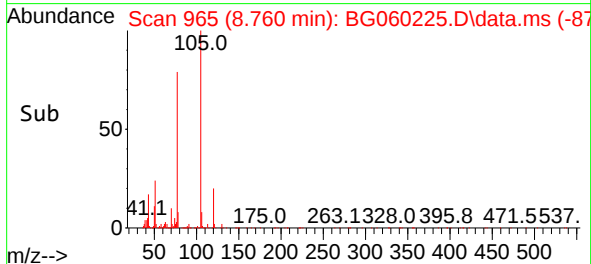
Instrument :
BNA_G
ClientSampleId :
PB157753BSD



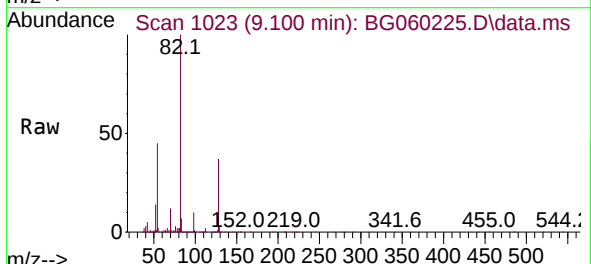
Tgt Ion:105 Resp: 1130378
Ion Ratio Lower Upper
105 100
71 1.8 2.6 3.8
51 24.5 20.0 30.0
120 19.7 14.6 22.0

Manual Integrations
APPROVED

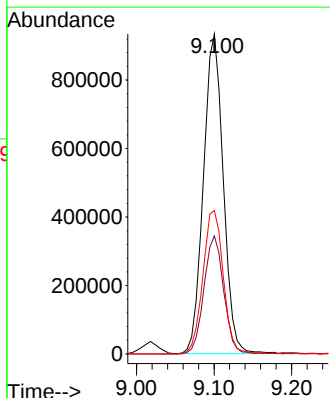
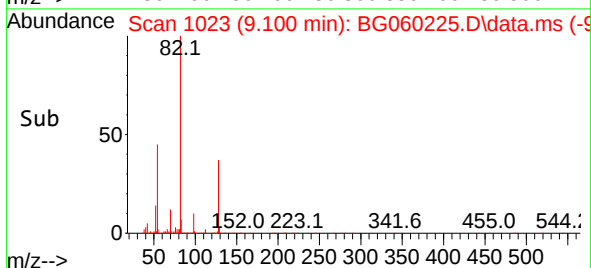
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

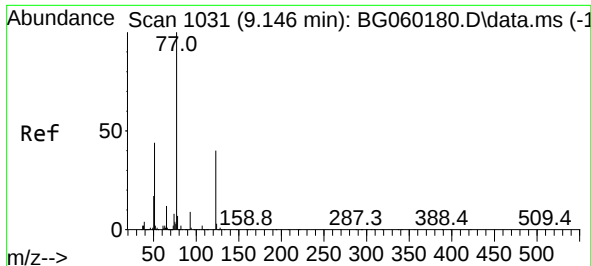


#23
Nitrobenzene-d5
Concen: 88.806 ng
RT: 9.100 min Scan# 1023
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31



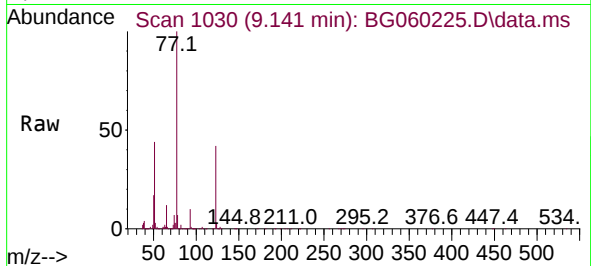
Tgt Ion: 82 Resp: 1661141
Ion Ratio Lower Upper
82 100
128 36.9 28.7 43.1
54 44.8 36.9 55.3





#24
Nitrobenzene
Concen: 45.561 ng
RT: 9.141 min Scan# 1031
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

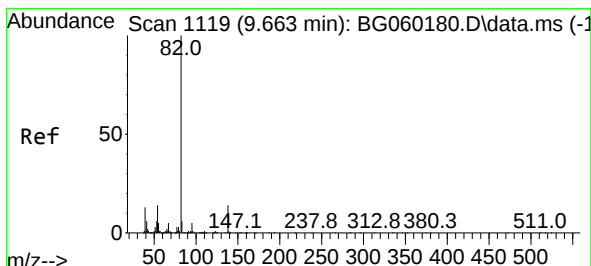
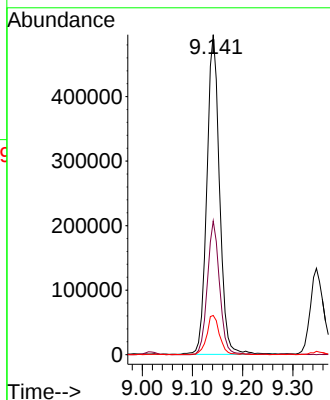
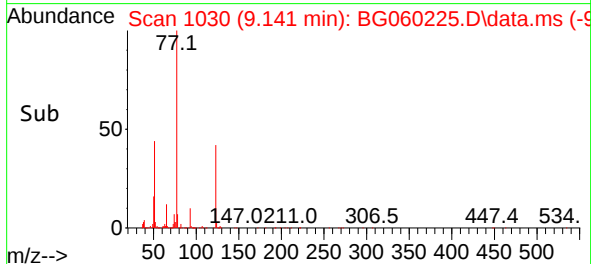
Instrument :
BNA_G
ClientSampleId :
PB157753BSD



Tgt Ion: 77 Resp: 871963
Ion Ratio Lower Upper
77 100
123 41.8 31.9 47.9
65 12.2 9.9 14.9

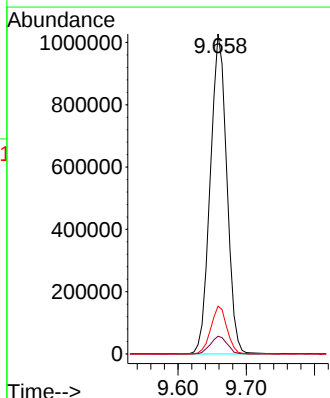
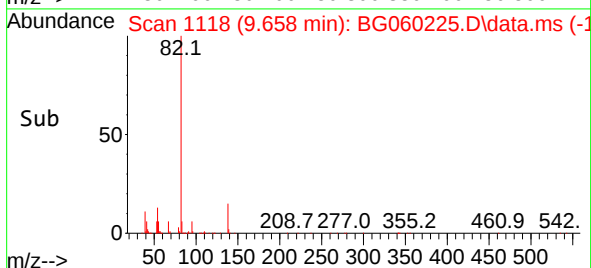
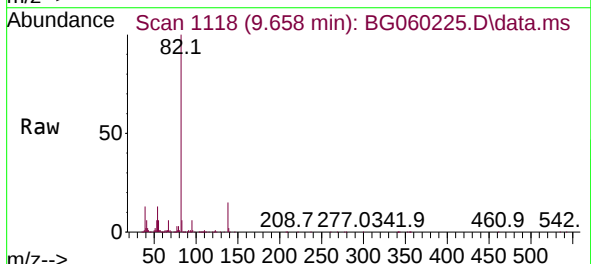
Manual Integrations
APPROVED

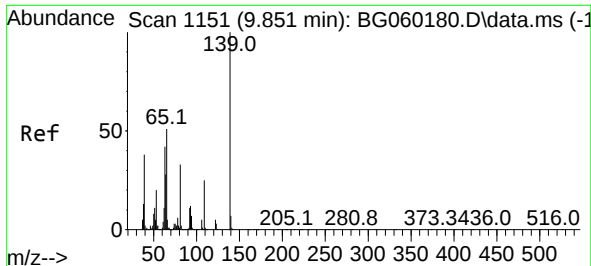
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#25
Isophorone
Concen: 44.242 ng
RT: 9.658 min Scan# 1118
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

Tgt Ion: 82 Resp: 1731417
Ion Ratio Lower Upper
82 100
95 5.6 4.4 6.6
138 15.0 11.5 17.3





#26
2-Nitrophenol
Concen: 54.215 ng
RT: 9.852 min Scan# 1151
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

Instrument :

BNA_G

ClientSampleId :

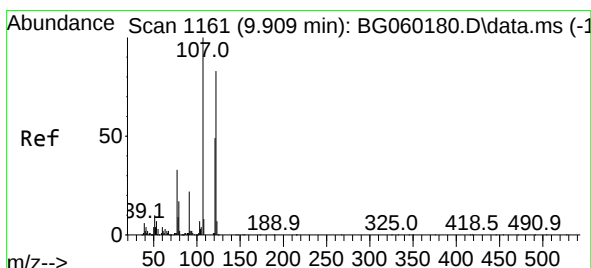
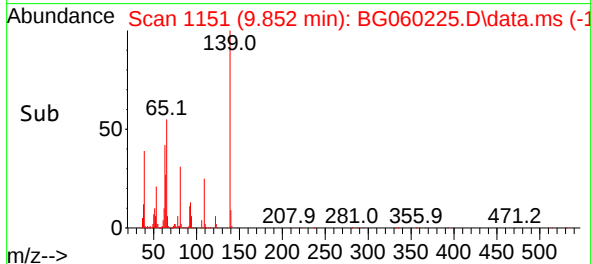
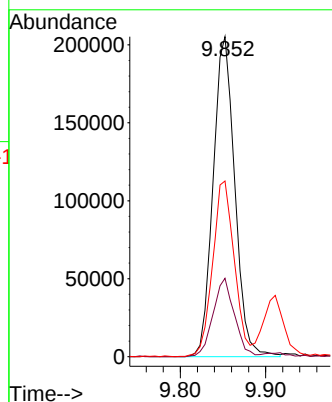
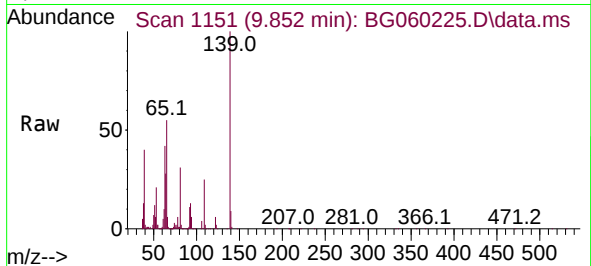
PB157753BSD

Tgt Ion:139 Resp: 362060
Ion Ratio Lower Upper
139 100
109 24.5 19.8 29.8
65 54.9 40.8 61.2

Manual Integrations

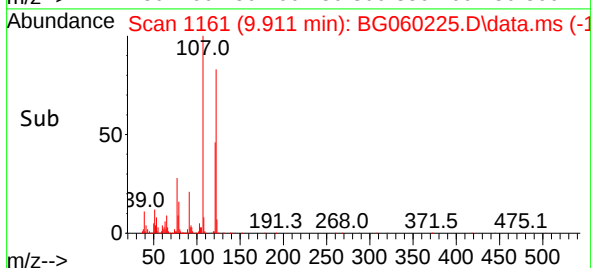
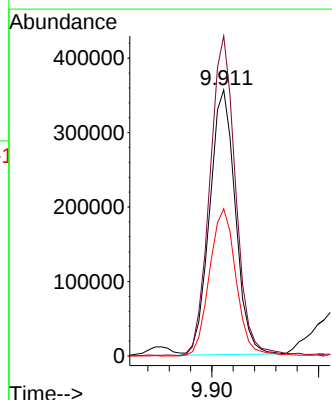
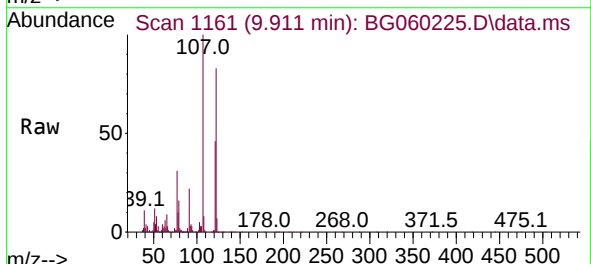
APPROVED

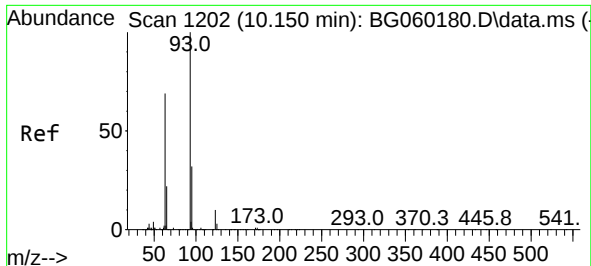
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#27
2,4-Dimethylphenol
Concen: 62.889 ng
RT: 9.911 min Scan# 1161
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

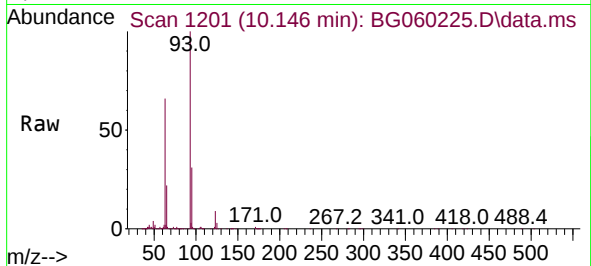
Tgt Ion:122 Resp: 594917
Ion Ratio Lower Upper
122 100
107 120.2 95.8 143.6
121 55.3 46.2 69.4





#28
bis(2-Chloroethoxy)methane
Concen: 46.419 ng
RT: 10.146 min Scan# 1201
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

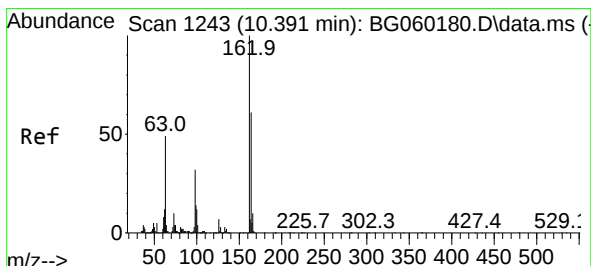
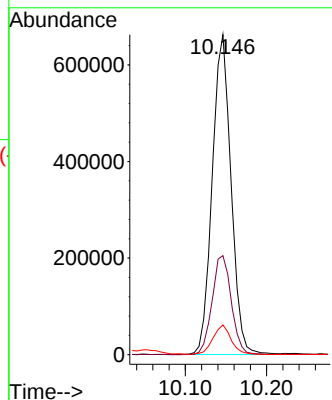
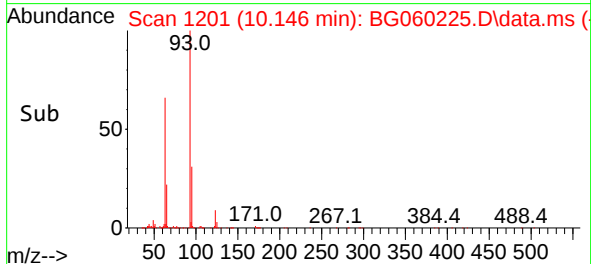
Instrument :
BNA_G
ClientSampleId :
PB157753BSD



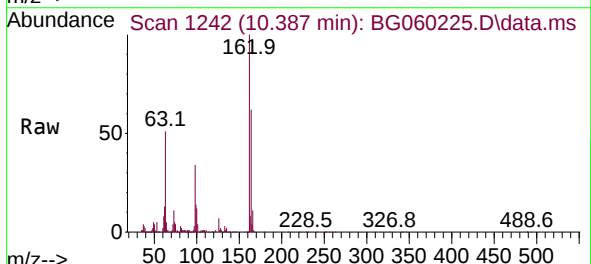
Tgt Ion: 93 Resp: 1063998
Ion Ratio Lower Upper
93 100
95 30.9 25.8 38.6
123 9.3 7.8 11.6

Manual Integrations
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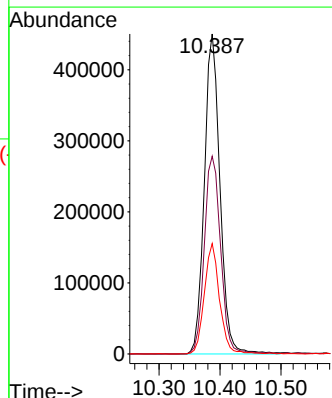
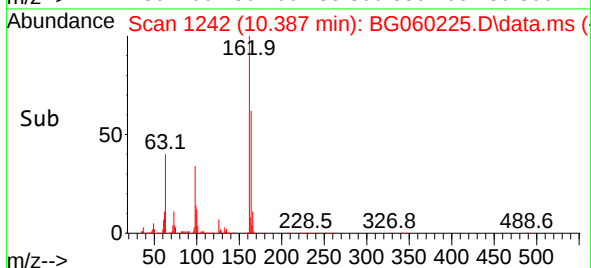
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

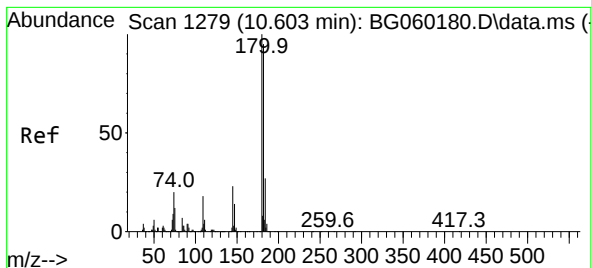


#29
2,4-Dichlorophenol
Concen: 53.806 ng
RT: 10.387 min Scan# 1242
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31



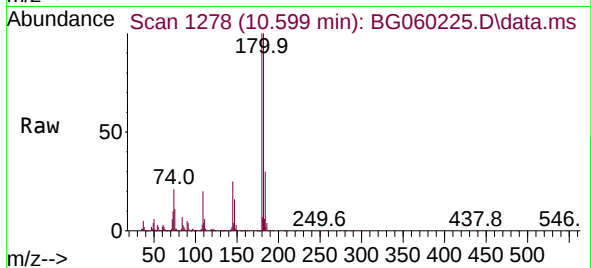
Tgt Ion:162 Resp: 804429
Ion Ratio Lower Upper
162 100
164 61.8 40.7 80.7
98 34.5 11.7 51.7





#30
1,2,4-Trichlorobenzene
Concen: 42.676 ng
RT: 10.599 min Scan# 1278
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

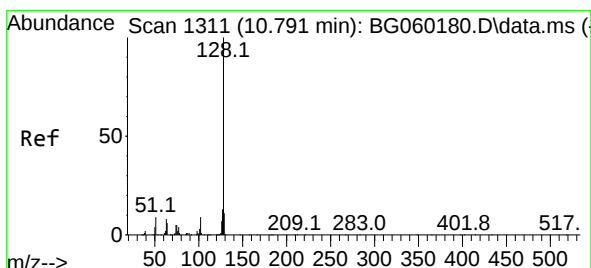
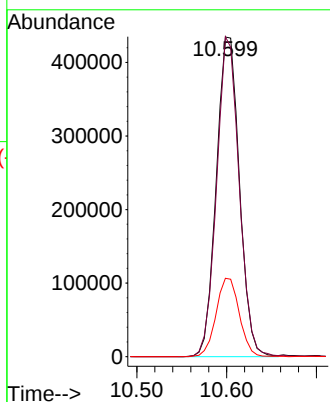
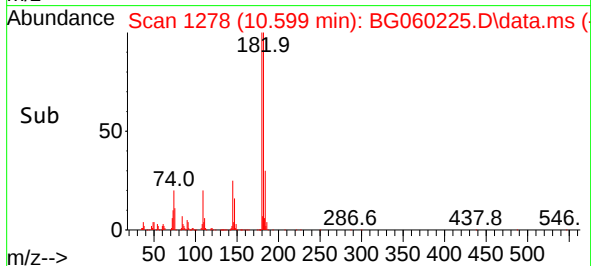
Instrument :
BNA_G
ClientSampleId :
PB157753BSD



Tgt Ion:180 Resp: 77656
Ion Ratio Lower Upper
180 100
182 100.1 75.7 113.5
145 24.5 18.4 27.6

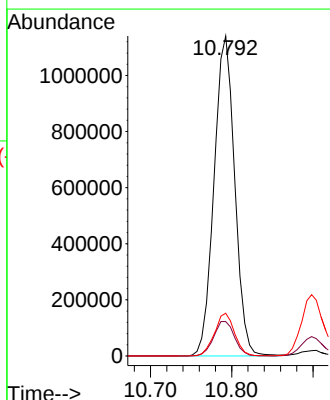
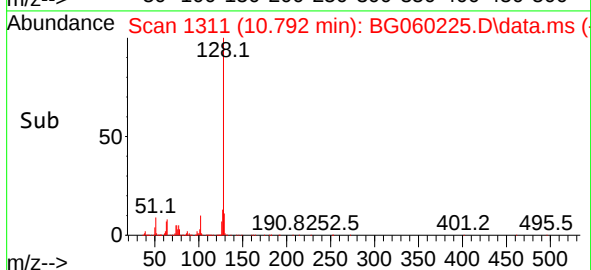
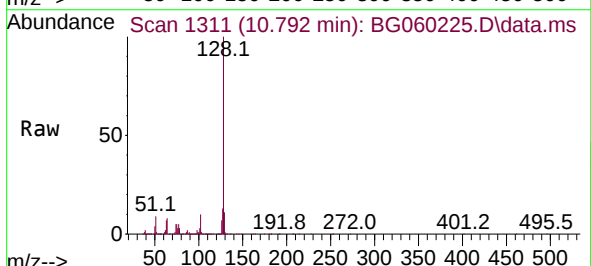
Manual Integrations
APPROVED

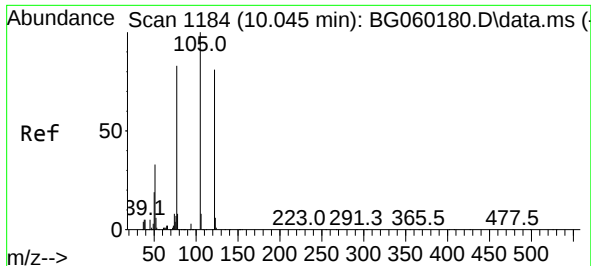
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#31
Naphthalene
Concen: 44.181 ng
RT: 10.792 min Scan# 1311
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

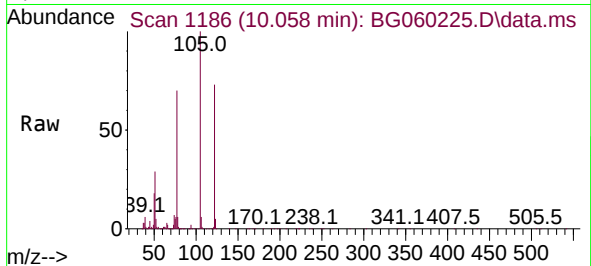
Tgt Ion:128 Resp: 2015276
Ion Ratio Lower Upper
128 100
129 10.8 9.2 13.8
127 13.4 10.6 16.0





#32
Benzoic acid
Concen: 52.015 ng
RT: 10.058 min Scan# 1186
Delta R.T. 0.013 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

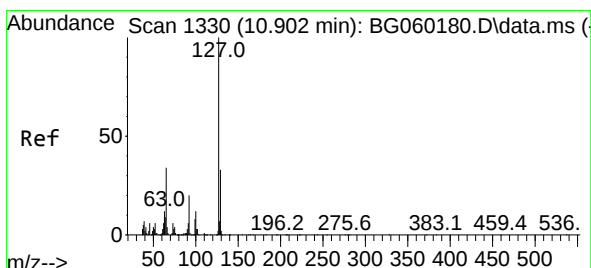
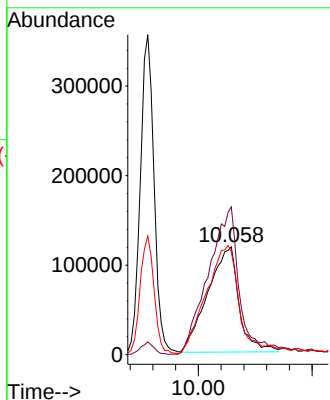
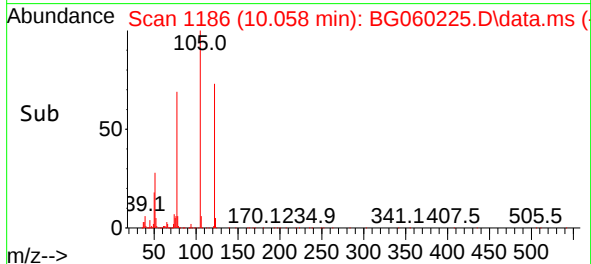
Instrument :
BNA_G
ClientSampleId :
PB157753BSD



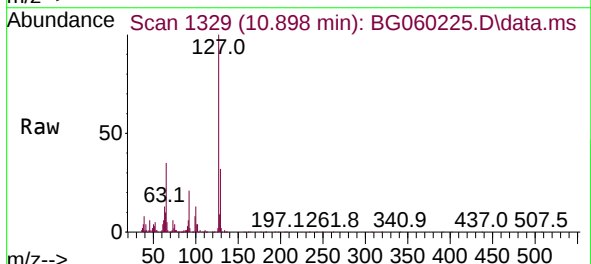
Tgt Ion:122 Resp: 448974
Ion Ratio Lower Upper
122 100
105 137.0 99.2 139.2
77 95.3 81.0 121.0

Manual Integrations
APPROVED

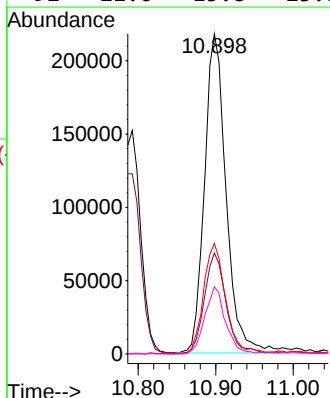
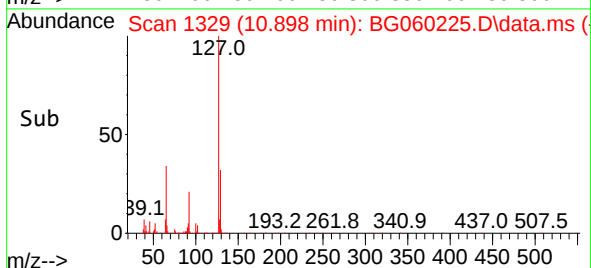
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

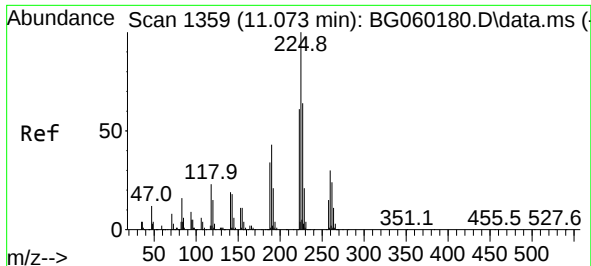


#33
4-Chloroaniline
Concen: 23.659 ng
RT: 10.898 min Scan# 1329
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31



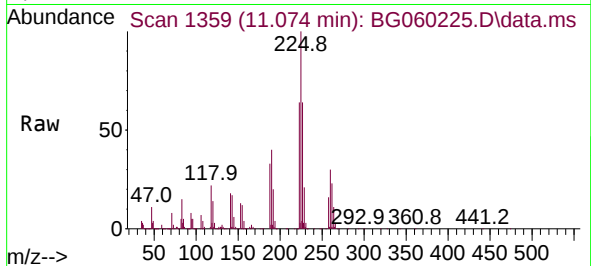
Tgt Ion:127 Resp: 421463
Ion Ratio Lower Upper
127 100
129 31.6 26.0 39.0
65 34.5 27.4 41.0
92 21.0 15.8 23.8





#34
Hexachlorobutadiene
Concen: 40.880 ng
RT: 11.074 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

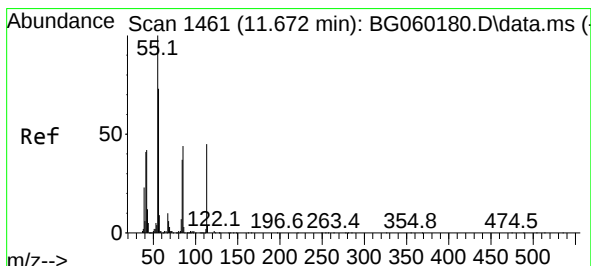
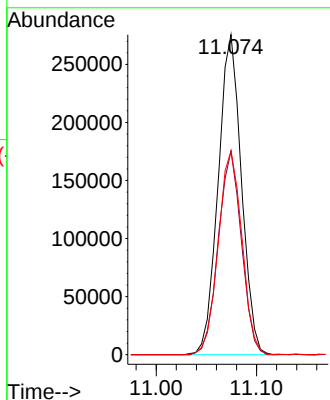
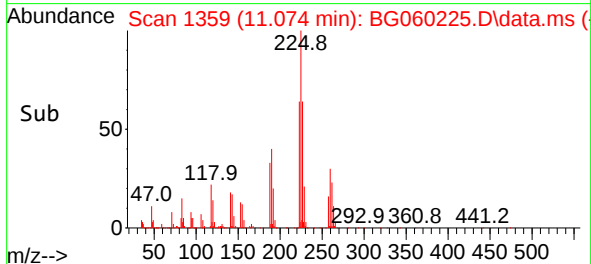
Instrument :
BNA_G
ClientSampleId :
PB157753BSD



Tgt Ion:225 Resp: 44242
Ion Ratio Lower Upper
225 100
223 66.7 49.0 73.6
227 63.7 51.0 76.4

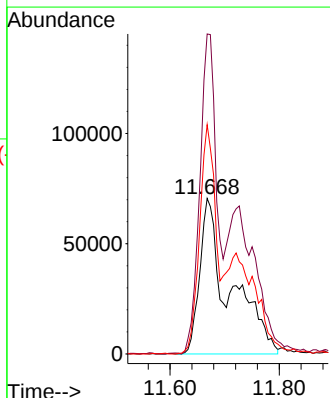
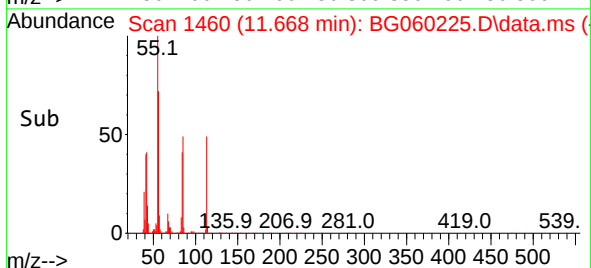
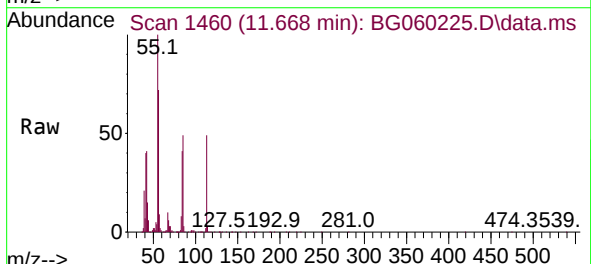
Manual Integrations
APPROVED

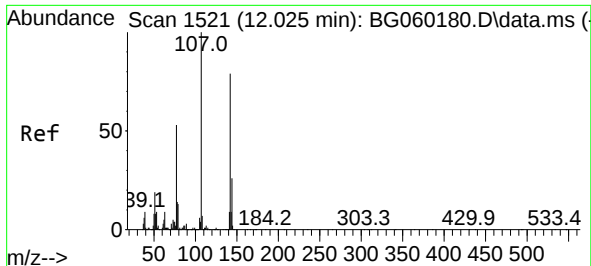
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#35
Caprolactam
Concen: 54.240 ng m
RT: 11.668 min Scan# 1460
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

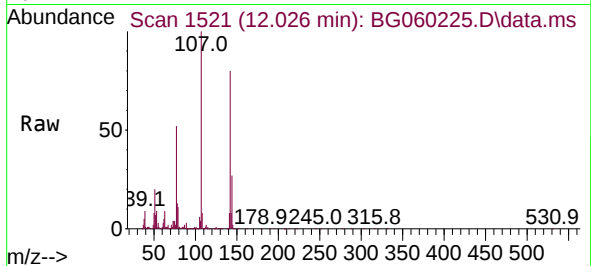
Tgt Ion:113 Resp: 269747
Ion Ratio Lower Upper
113 100
55 205.8 202.1 242.1
56 147.5 142.4 182.4





#36
4-Chloro-3-methylphenol
Concen: 53.011 ng
RT: 12.026 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

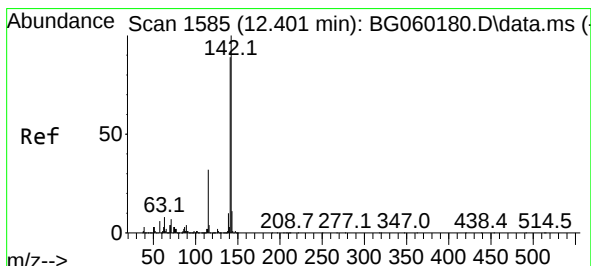
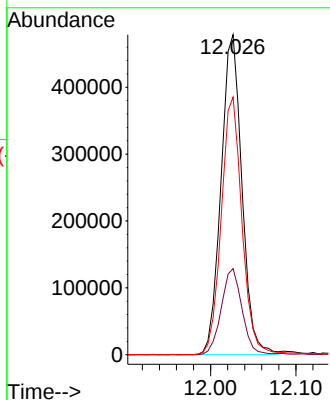
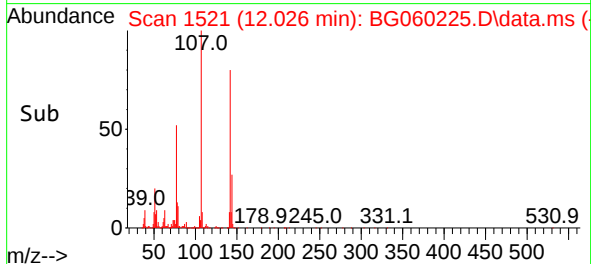
Instrument :
BNA_G
ClientSampleId :
PB157753BSD



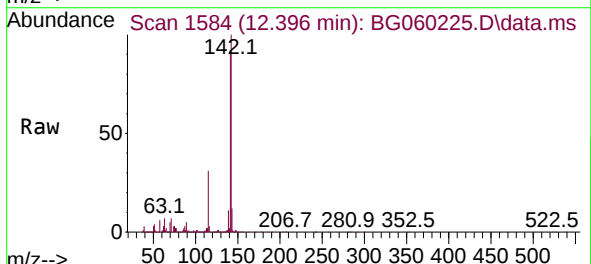
Tgt Ion:107 Resp: 81564
Ion Ratio Lower Upper
107 100
144 26.9 20.8 31.2
142 80.5 63.4 95.2

Manual Integrations
APPROVED

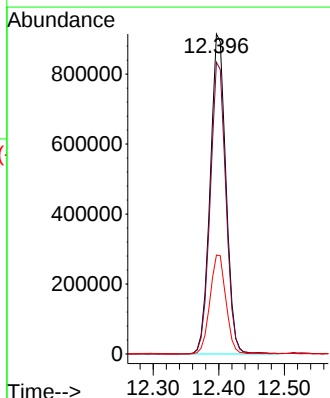
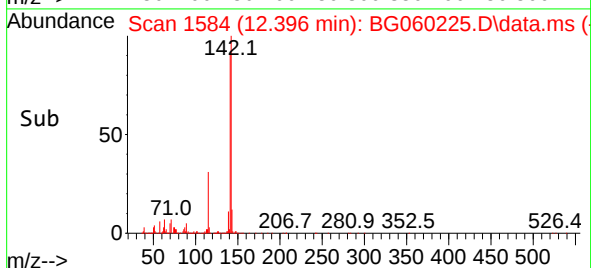
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

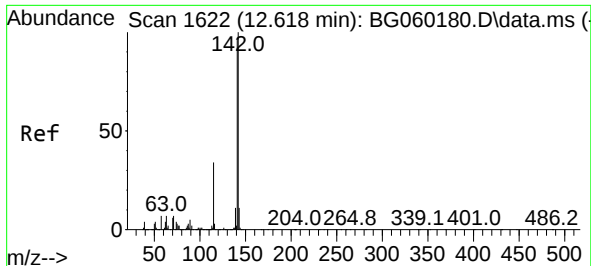


#37
2-Methylnaphthalene
Concen: 46.188 ng
RT: 12.396 min Scan# 1584
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31



Tgt Ion:142 Resp: 1521772
Ion Ratio Lower Upper
142 100
141 91.2 71.1 106.7
115 30.9 25.5 38.3





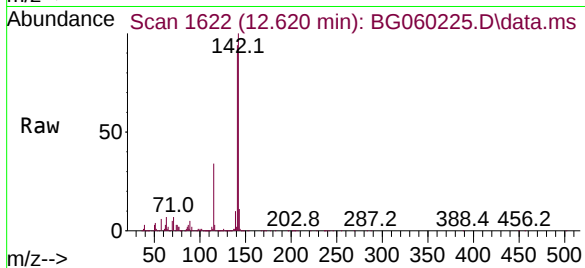
#38
1-Methylnaphthalene
Concen: 45.381 ng
RT: 12.620 min Scan# 1622
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

Instrument :

BNA_G

ClientSampleId :

PB157753BSD



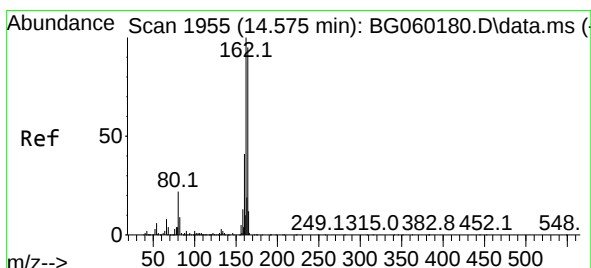
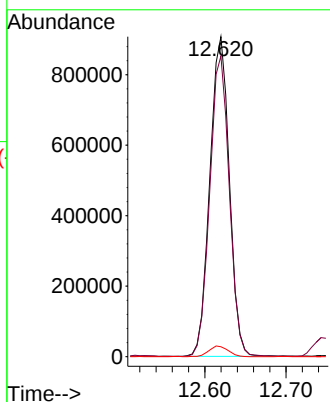
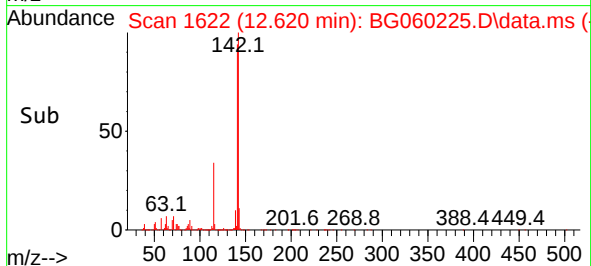
Tgt Ion:142 Resp: 1511674
Ion Ratio Lower Upper
142 100
141 93.9 76.6 114.8
116 3.1 2.6 3.8

Manual Integrations

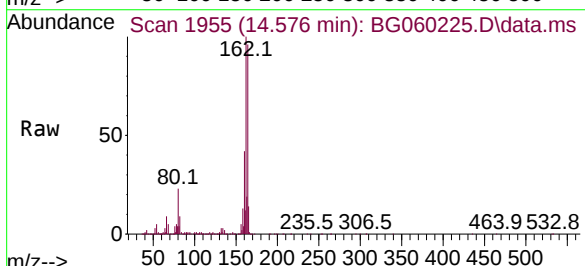
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

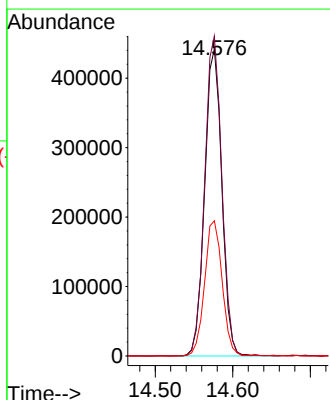
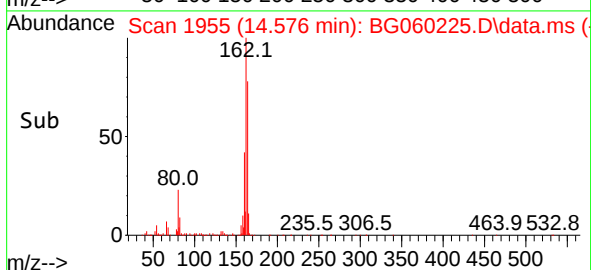
Supervised By :mohammad ahmed 01/04/2024

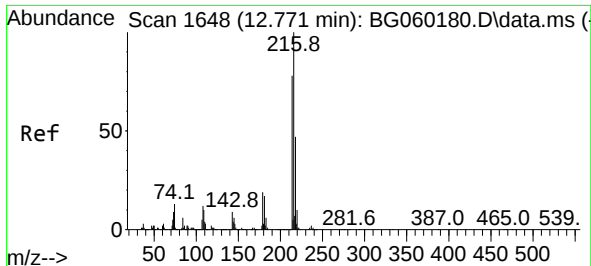


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.576 min Scan# 1955
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31



Tgt Ion:164 Resp: 678367
Ion Ratio Lower Upper
164 100
162 104.2 83.9 125.9
160 44.1 34.2 51.4





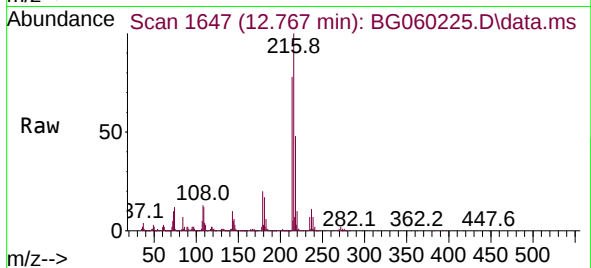
#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.141 ng
RT: 12.767 min Scan# 1647
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

Instrument :

BNA_G

ClientSampleId :

PB157753BSD

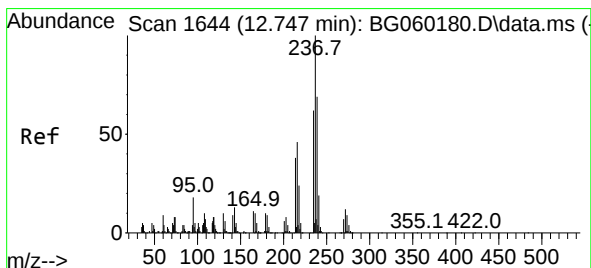
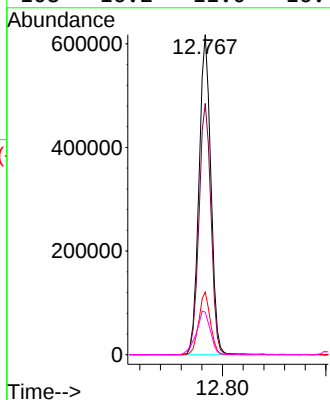
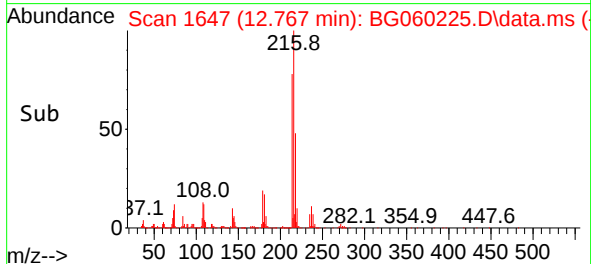


Tgt Ion:216 Resp: 980880
Ion Ratio Lower Upper
216 100
214 79.6 63.4 95.0
179 19.1 15.2 22.8
108 16.2 11.0 16.4

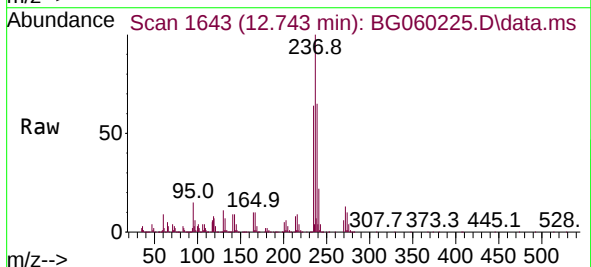
Manual Integrations

APPROVED

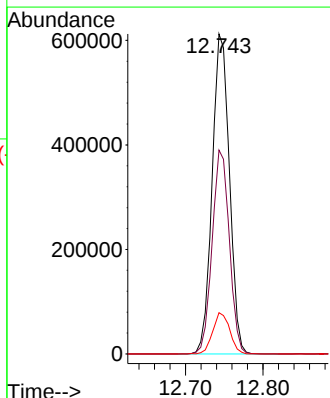
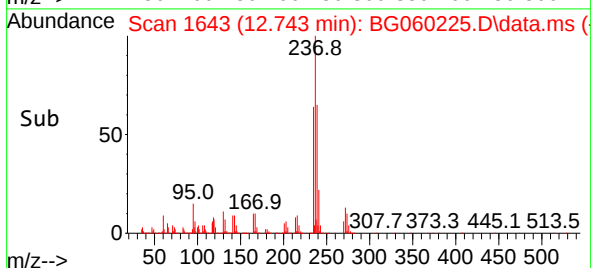
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

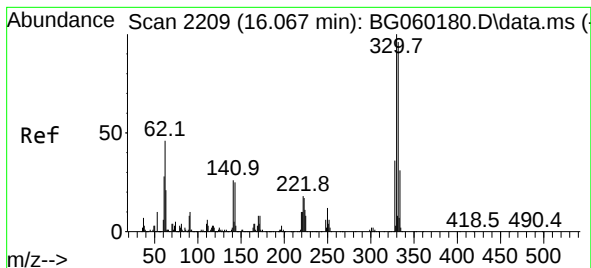


#41
Hexachlorocyclopentadiene
Concen: 134.488 ng
RT: 12.743 min Scan# 1643
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31



Tgt Ion:237 Resp: 944582
Ion Ratio Lower Upper
237 100
235 63.7 42.2 82.2
272 12.9 0.0 32.0





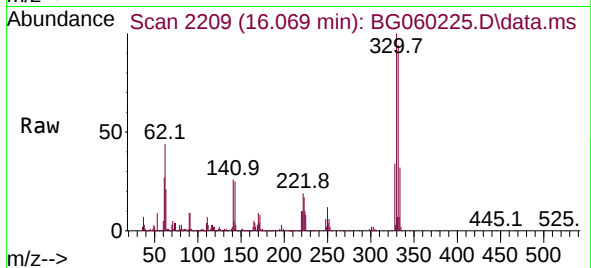
#42
2,4,6-Tribromophenol
Concen: 148.651 ng
RT: 16.069 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

Instrument :

BNA_G

ClientSampleId :

PB157753BSD



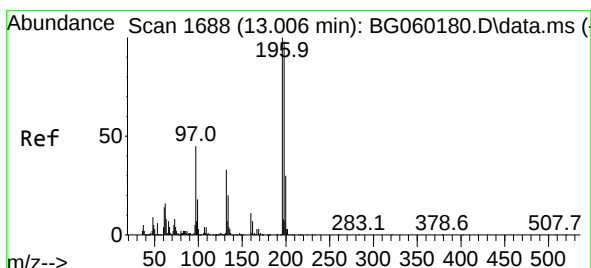
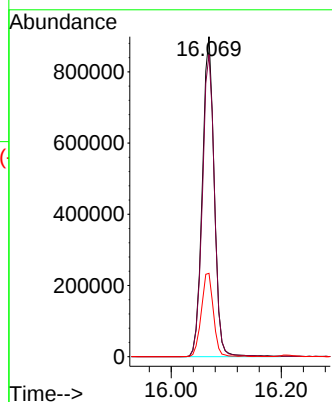
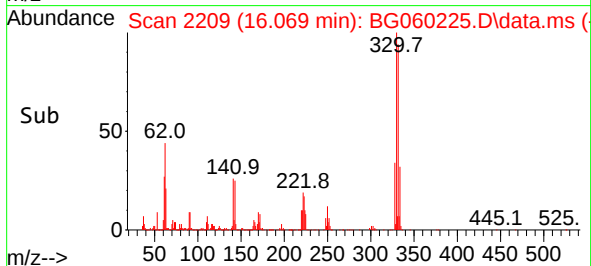
Tgt Ion:330 Resp: 134984
Ion Ratio Lower Upper
330 100
332 96.0 76.7 115.1
141 26.5 21.0 31.4

Manual Integrations

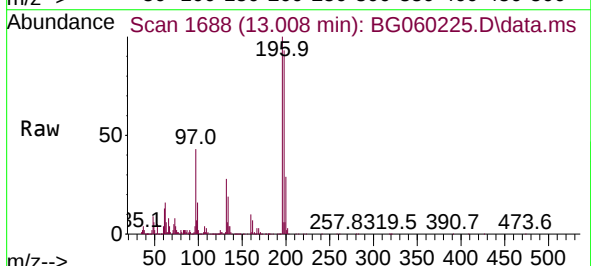
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

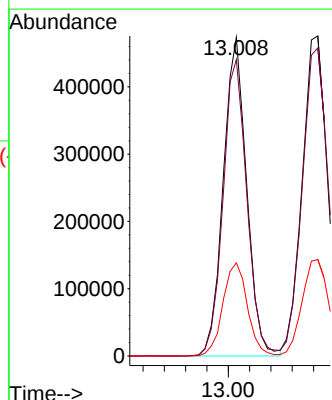
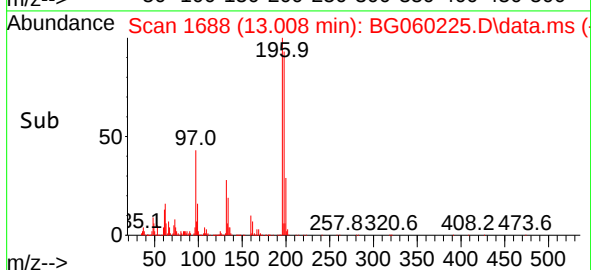
Supervised By :mohammad ahmed 01/04/2024

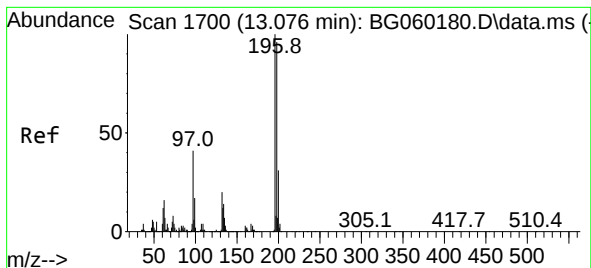


#43
2,4,6-Trichlorophenol
Concen: 50.400 ng
RT: 13.008 min Scan# 1688
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31



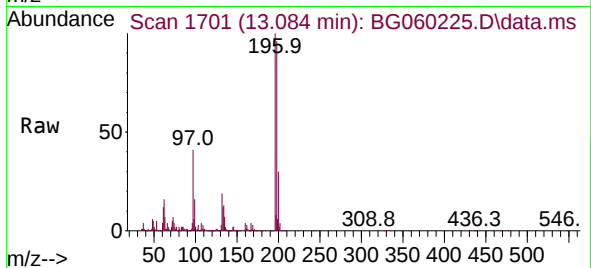
Tgt Ion:196 Resp: 719682
Ion Ratio Lower Upper
196 100
198 93.0 78.3 117.5
200 29.3 23.9 35.9





#44
2,4,5-Trichlorophenol
Concen: 50.685 ng
RT: 13.084 min Scan# 1700
Delta R.T. 0.008 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

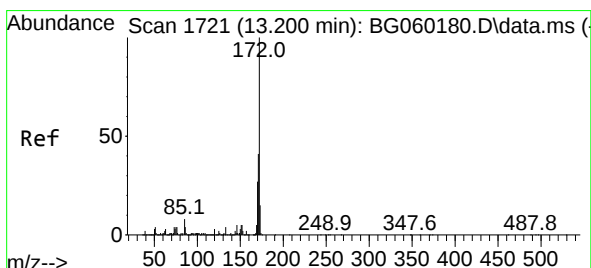
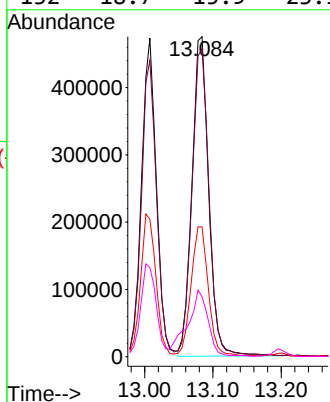
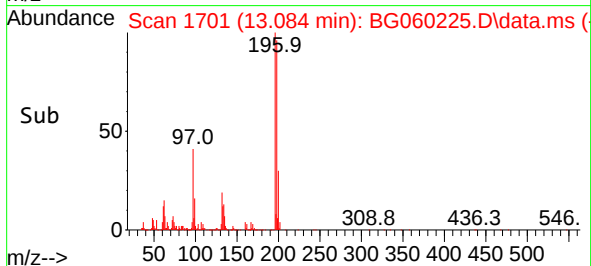
Instrument :
BNA_G
ClientSampleId :
PB157753BSD



Tgt Ion:196 Resp: 809640
Ion Ratio Lower Upper
196 100
198 96.2 76.6 115.0
97 40.6 32.9 49.3
132 18.7 15.9 23.9

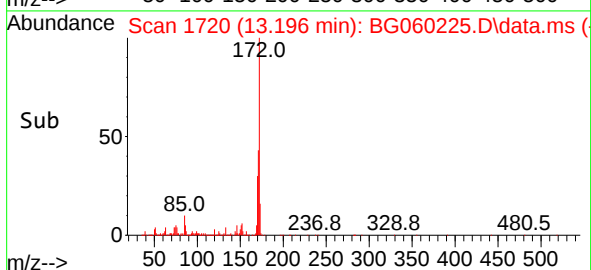
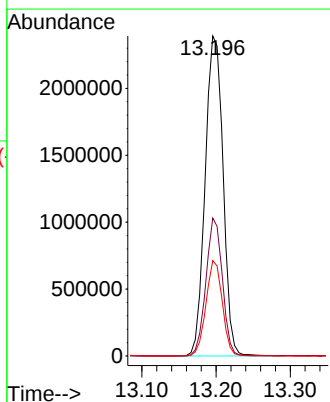
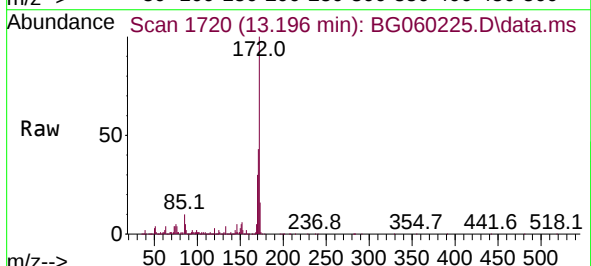
Manual Integrations
APPROVED

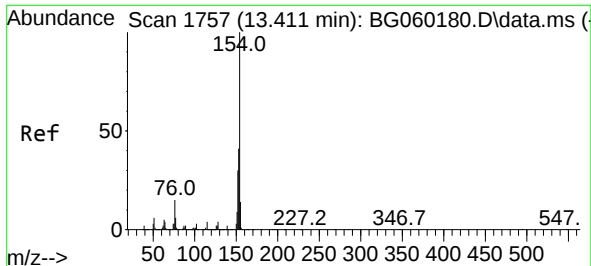
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#45
2-Fluorobiphenyl
Concen: 84.962 ng
RT: 13.196 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

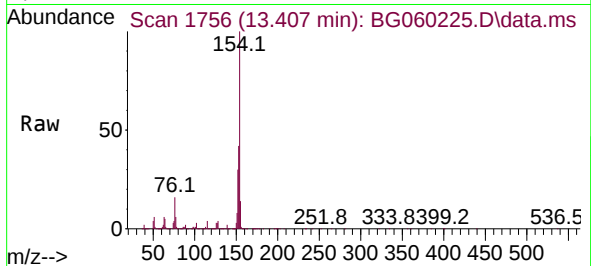
Tgt Ion:172 Resp: 4010216
Ion Ratio Lower Upper
172 100
171 43.1 32.6 48.8
170 29.8 21.8 32.6





#46
1,1'-Biphenyl
Concen: 45.761 ng
RT: 13.407 min Scan# 1757
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

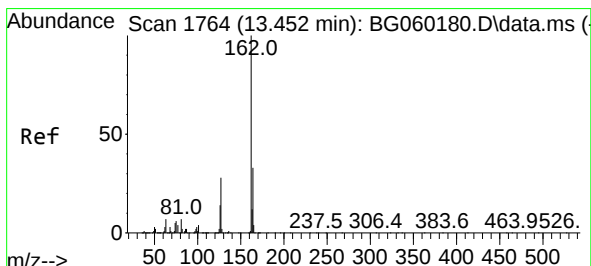
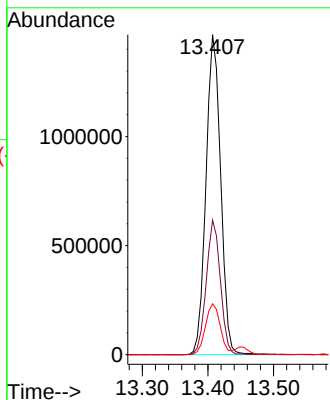
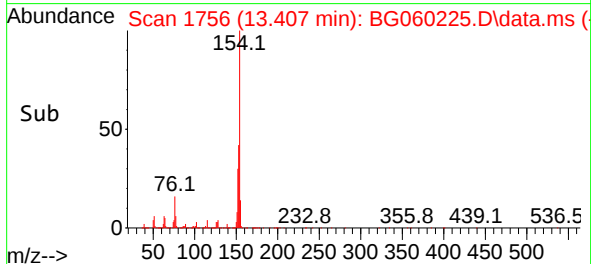
Instrument :
BNA_G
ClientSampleId :
PB157753BSD



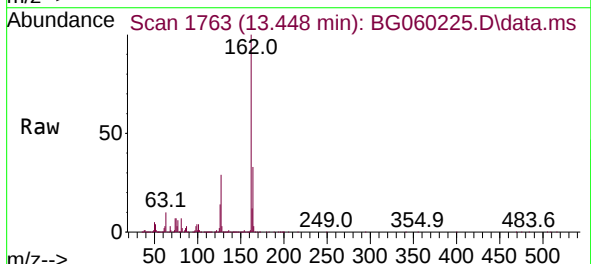
Tgt Ion:154 Resp: 228395
Ion Ratio Lower Upper
154 100
153 42.1 20.9 60.9
76 15.9 0.0 35.4

Manual Integrations
APPROVED

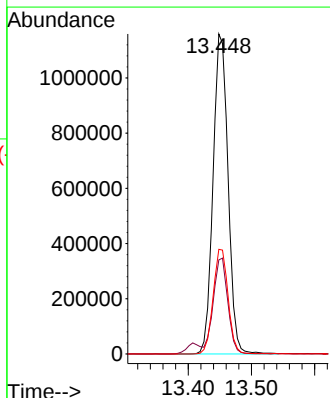
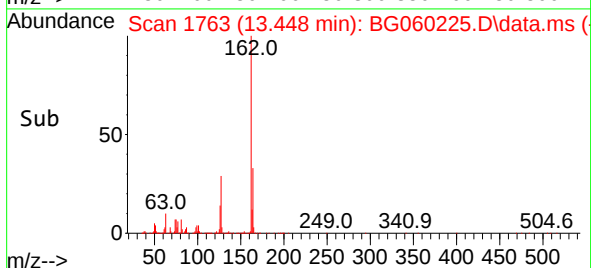
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

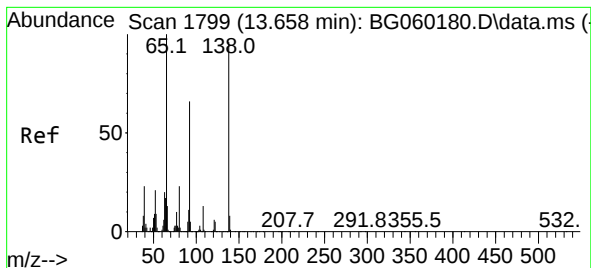


#47
2-Chloronaphthalene
Concen: 44.905 ng
RT: 13.448 min Scan# 1763
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31



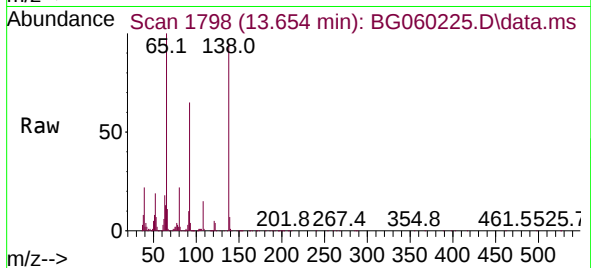
Tgt Ion:162 Resp: 1909445
Ion Ratio Lower Upper
162 100
127 29.4 23.0 34.6
164 32.7 26.7 40.1





#48
2-Nitroaniline
Concen: 55.602 ng
RT: 13.654 min Scan# 1799
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

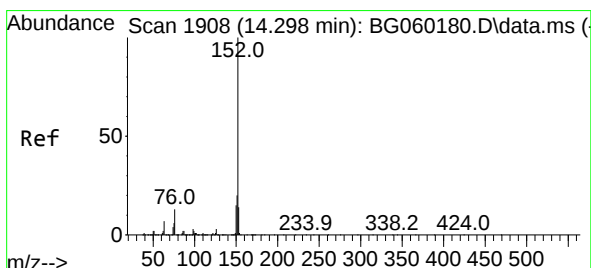
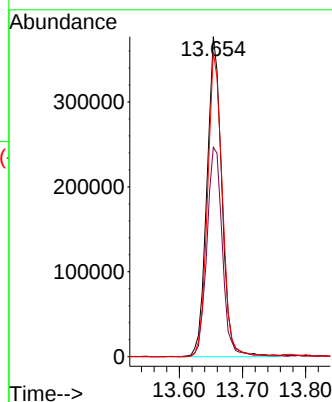
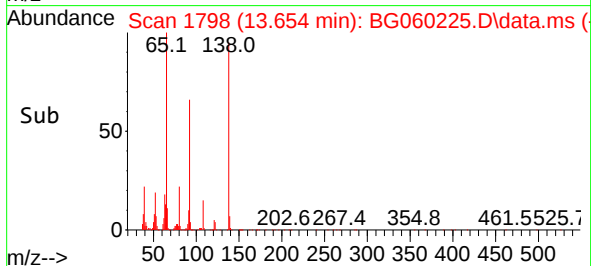
Instrument :
BNA_G
ClientSampleId :
PB157753BSD



Tgt Ion: 65 Resp: 61788
Ion Ratio Lower Upper
65 100
92 65.5 52.9 79.3
138 95.1 76.4 114.6

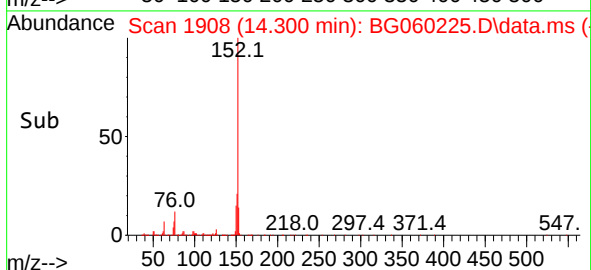
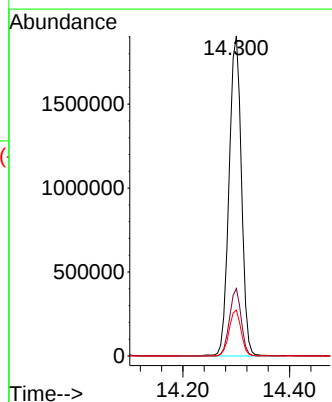
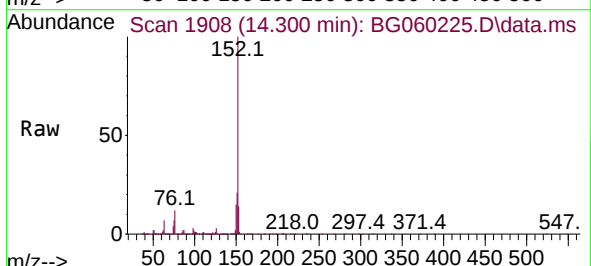
Manual Integrations
APPROVED

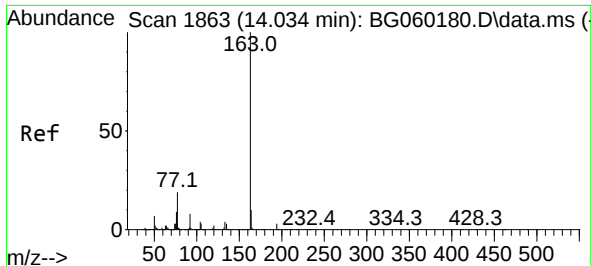
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#49
Acenaphthylene
Concen: 50.099 ng
RT: 14.300 min Scan# 1908
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

Tgt Ion:152 Resp: 3069452
Ion Ratio Lower Upper
152 100
151 21.1 15.8 23.6
153 14.4 11.0 16.6





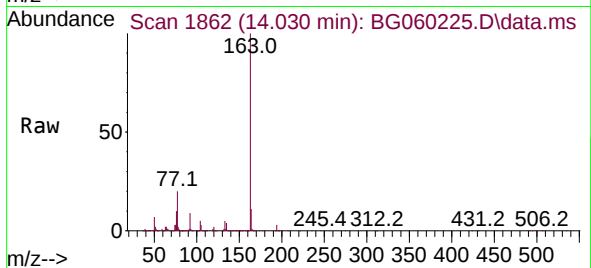
#50
Dimethylphthalate
Concen: 47.192 ng
RT: 14.030 min Scan# 1862
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

Instrument :

BNA_G

ClientSampleId :

PB157753BSD



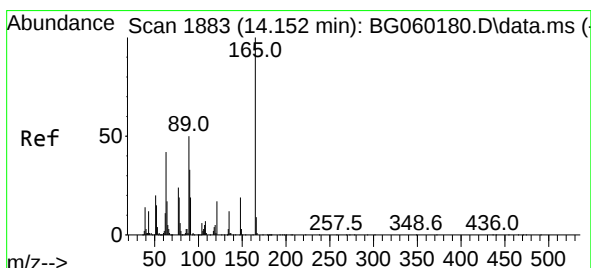
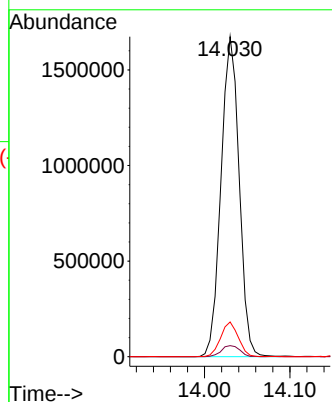
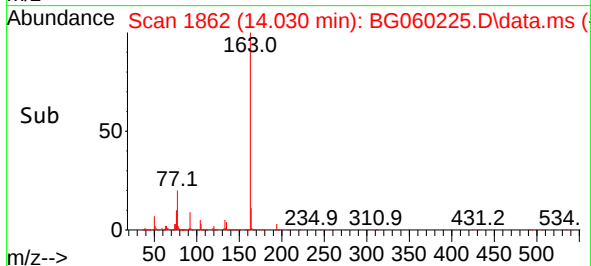
Tgt Ion:163 Resp: 2471674
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.8 8.3 12.5

Manual Integrations

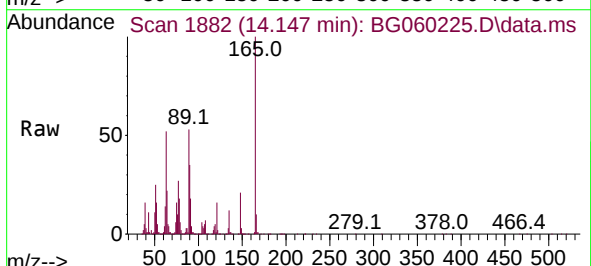
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

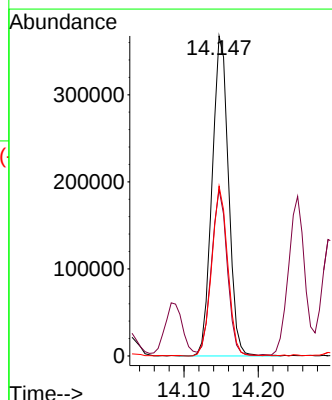
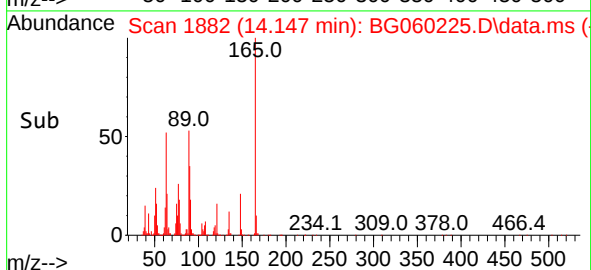
Supervised By :mohammad ahmed 01/04/2024

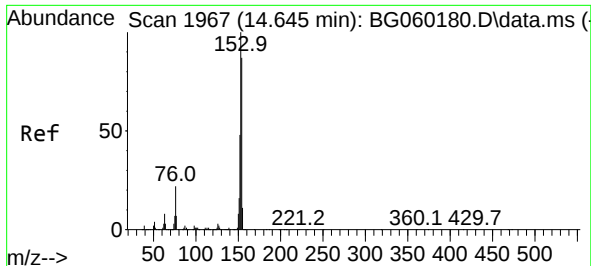


#51
2,6-Dinitrotoluene
Concen: 51.866 ng
RT: 14.147 min Scan# 1882
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31



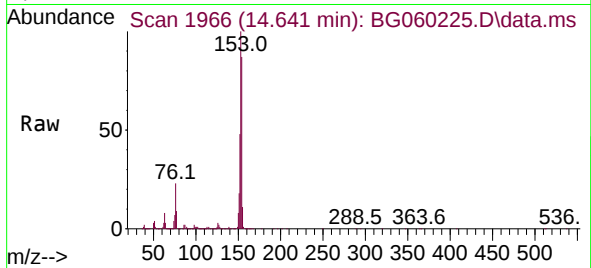
Tgt Ion:165 Resp: 565025
Ion Ratio Lower Upper
165 100
63 52.0 39.3 58.9
89 53.0 39.8 59.8





#52
Acenaphthene
Concen: 46.533 ng
RT: 14.641 min Scan# 1967
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

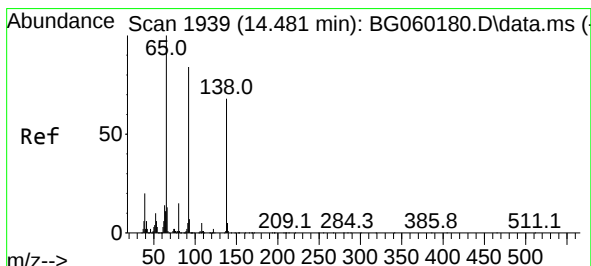
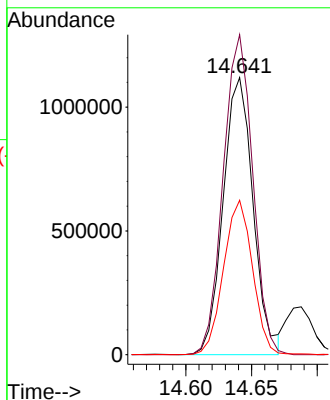
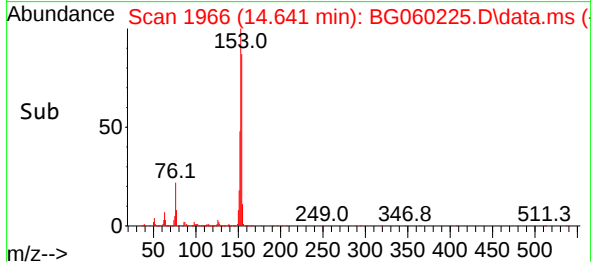
Instrument :
BNA_G
ClientSampleId :
PB157753BSD



Tgt Ion:154 Resp: 177905
Ion Ratio Lower Upper
154 100
153 115.5 91.5 137.3
152 55.7 43.8 65.8

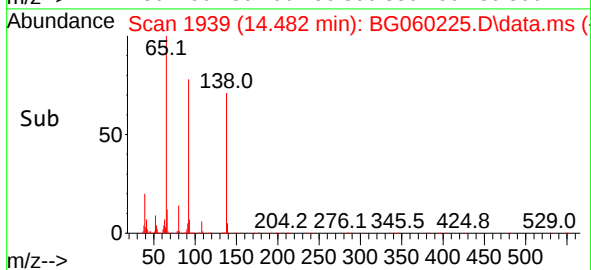
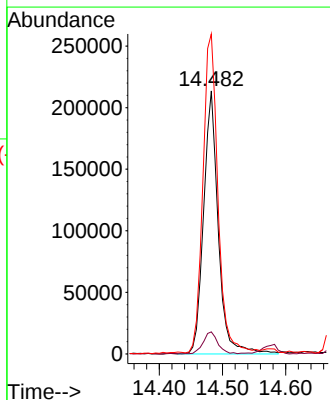
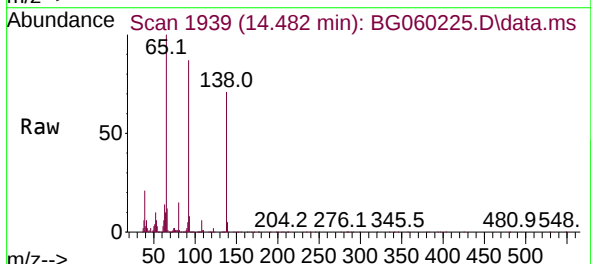
Manual Integrations
APPROVED

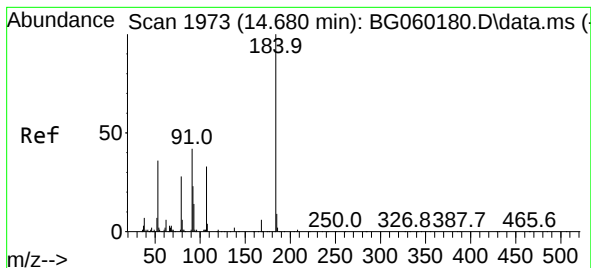
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#53
3-Nitroaniline
Concen: 33.589 ng
RT: 14.482 min Scan# 1939
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

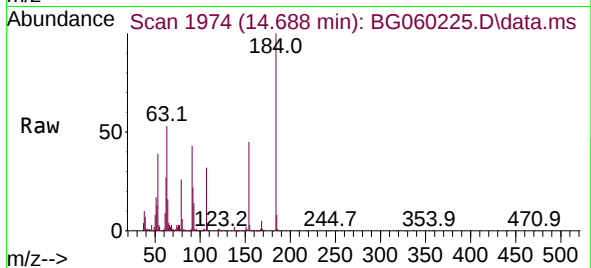
Tgt Ion:138 Resp: 344786
Ion Ratio Lower Upper
138 100
108 8.4 6.2 9.4
92 121.7 98.5 147.7





#54
2,4-Dinitrophenol
Concen: 104.913 ng
RT: 14.688 min Scan# 1973
Delta R.T. 0.008 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

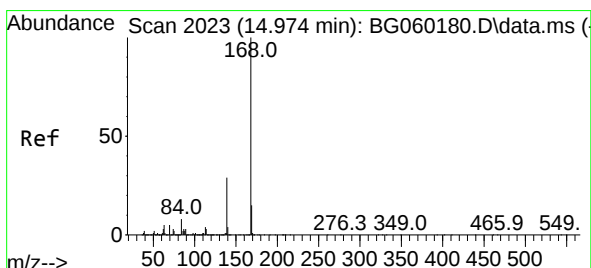
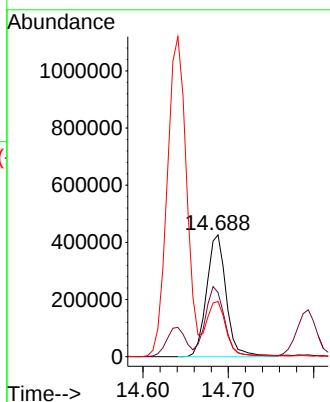
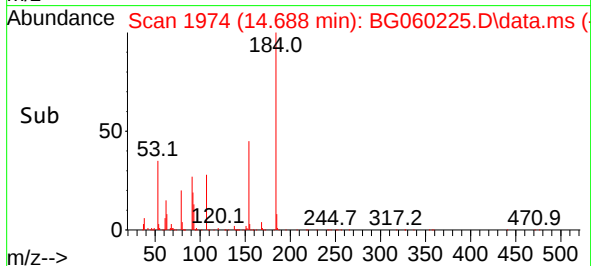
Instrument :
BNA_G
ClientSampleId :
PB157753BSD



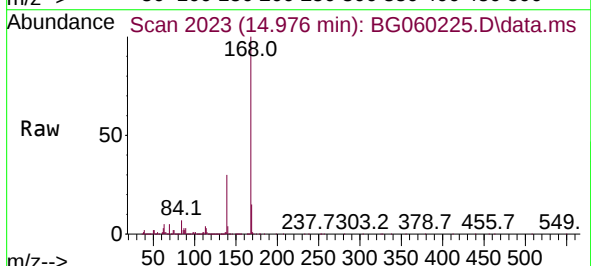
Tgt Ion:184 Resp: 68369
Ion Ratio Lower Upper
184 100
63 52.7 45.4 68.2
154 45.3 40.0 60.0

Manual Integrations
APPROVED

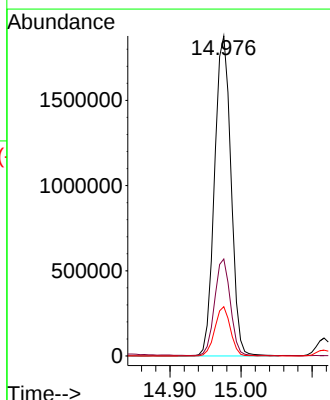
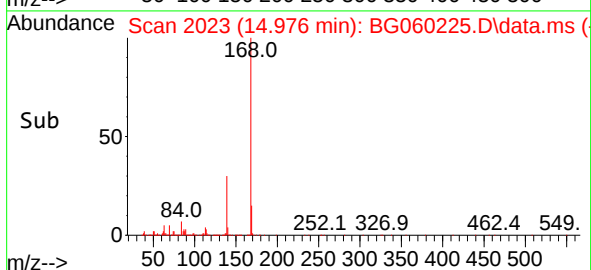
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

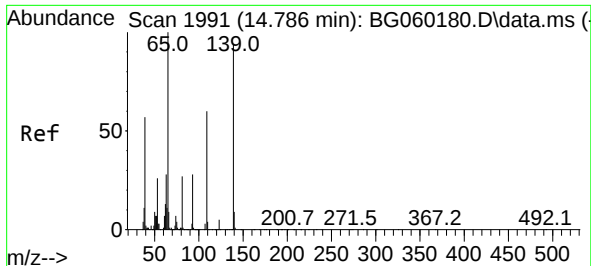


#55
Dibenzofuran
Concen: 46.954 ng
RT: 14.976 min Scan# 2023
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31



Tgt Ion:168 Resp: 3007015
Ion Ratio Lower Upper
168 100
139 30.3 23.1 34.7
169 15.4 11.9 17.9





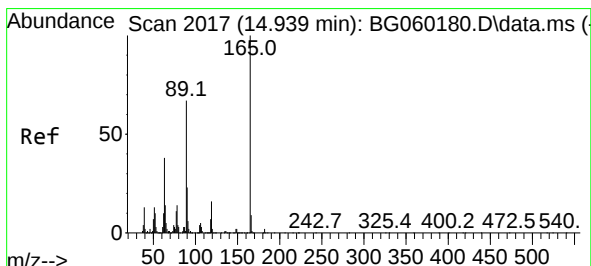
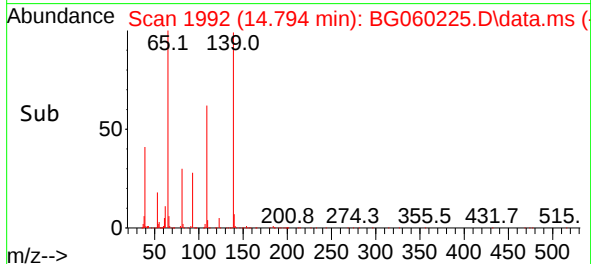
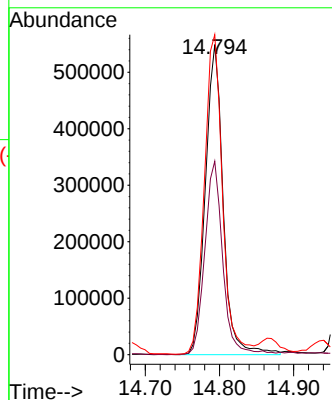
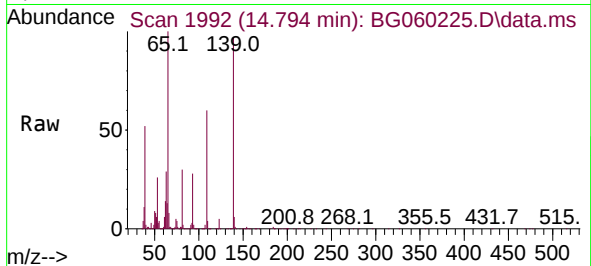
#56
4-Nitrophenol
Concen: 118.082 ng
RT: 14.794 min Scan# 1991
Delta R.T. 0.008 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

Instrument :
BNA_G
ClientSampleId :
PB157753BSD

Tgt Ion:139 Resp: 91621
Ion Ratio Lower Upper
139 100
109 62.4 44.4 84.4
65 103.2 87.4 127.4

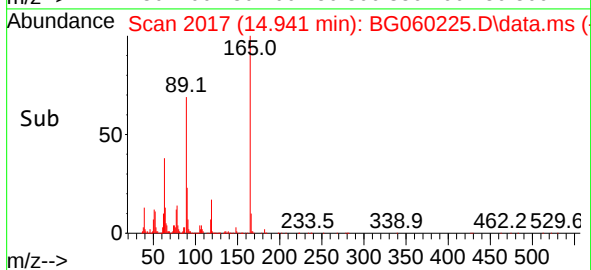
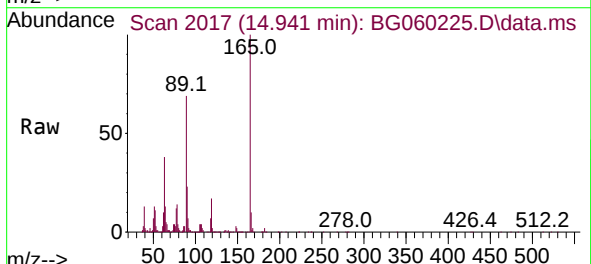
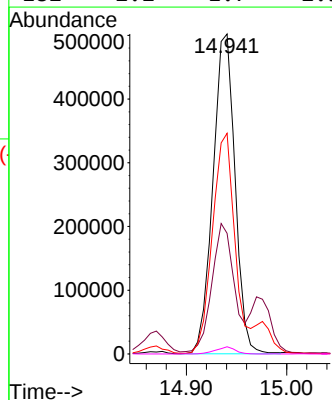
Manual Integrations
APPROVED

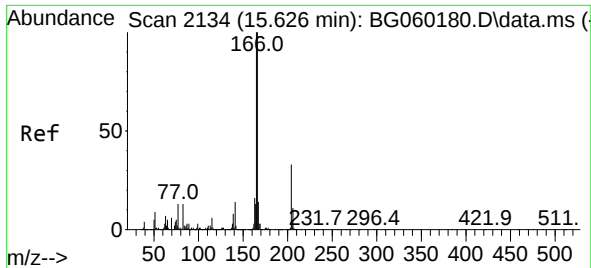
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#57
2,4-Dinitrotoluene
Concen: 51.687 ng
RT: 14.941 min Scan# 2017
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

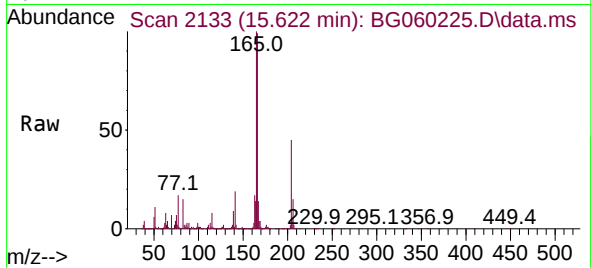
Tgt Ion:165 Resp: 765647
Ion Ratio Lower Upper
165 100
63 37.7 31.0 46.6
89 69.0 53.3 79.9
182 2.2 1.7 2.5





#58
Fluorene
Concen: 47.001 ng
RT: 15.622 min Scan# 2134
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

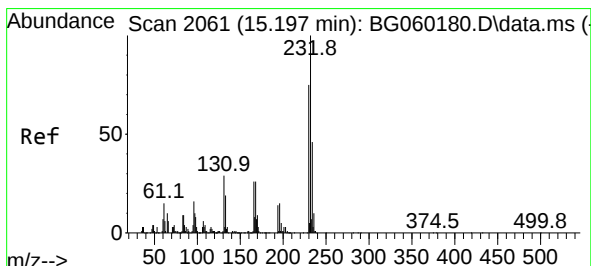
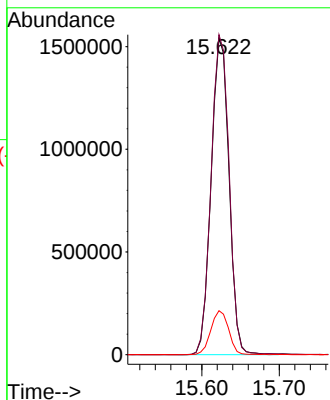
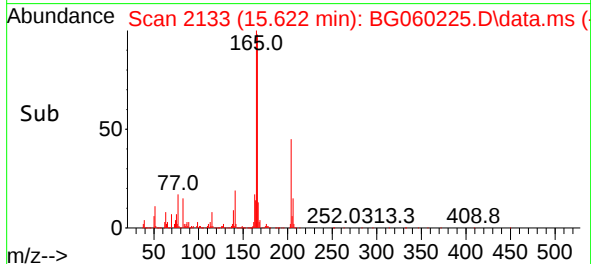
Instrument :
BNA_G
ClientSampleId :
PB157753BSD



Tgt Ion:166 Resp: 2468729
Ion Ratio Lower Upper
166 100
165 100.9 80.4 120.6
167 13.9 11.3 16.9

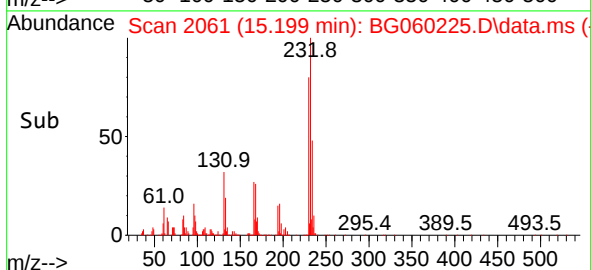
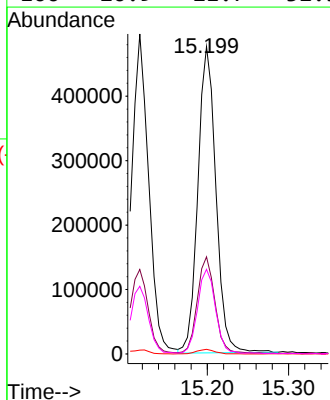
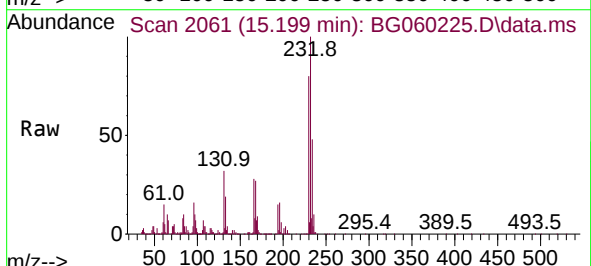
Manual Integrations
APPROVED

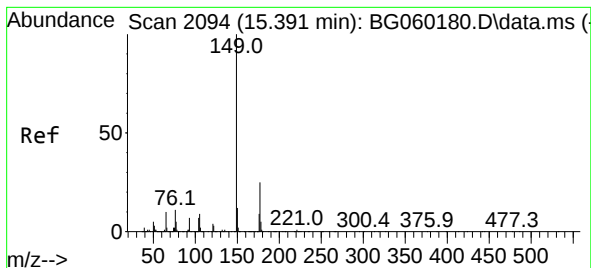
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#59
2,3,4,6-Tetrachlorophenol
Concen: 52.694 ng
RT: 15.199 min Scan# 2061
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

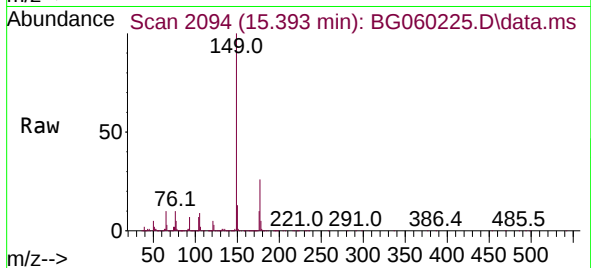
Tgt Ion:232 Resp: 733657
Ion Ratio Lower Upper
232 100
131 30.4 23.8 35.6
130 1.5 1.2 1.8
166 26.9 21.7 32.5





#60
Diethylphthalate
Concen: 48.616 ng
RT: 15.393 min Scan# 2094
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

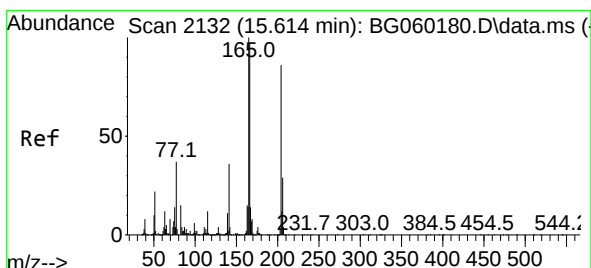
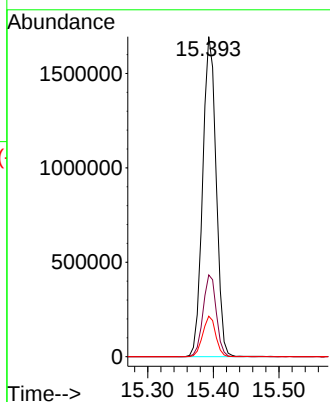
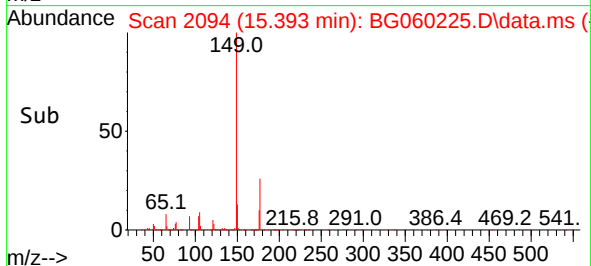
Instrument :
BNA_G
ClientSampleId :
PB157753BSD



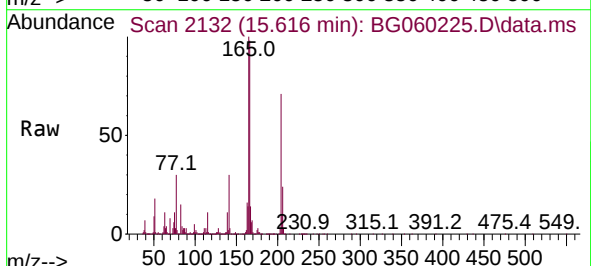
Tgt Ion:149 Resp: 242819
Ion Ratio Lower Upper
149 100
177 25.6 20.2 30.2
150 12.7 9.6 14.4

Manual Integrations
APPROVED

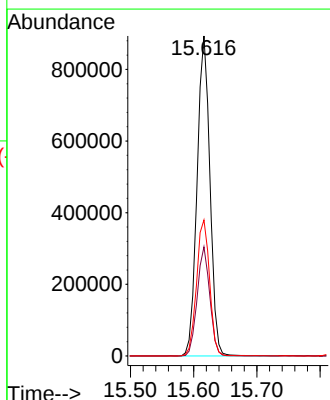
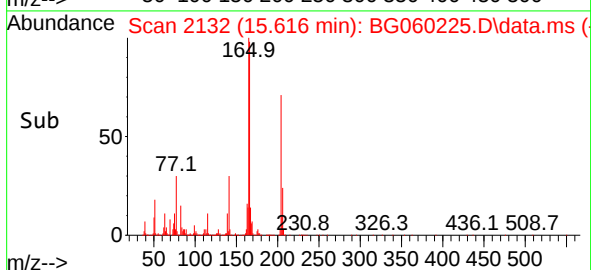
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

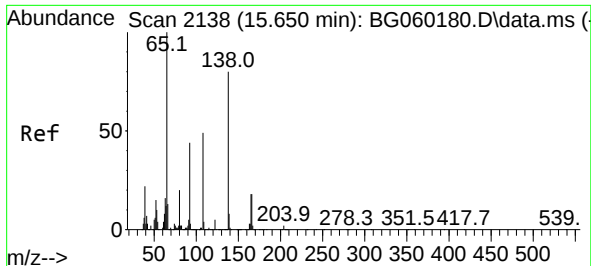


#61
4-Chlorophenyl-phenylether
Concen: 46.019 ng
RT: 15.616 min Scan# 2132
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31



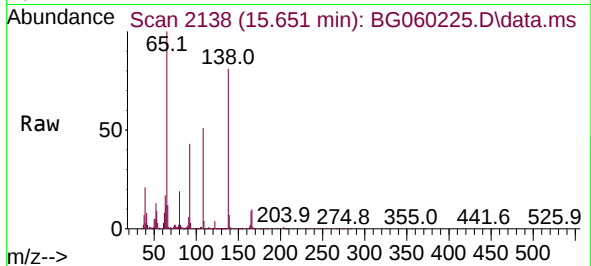
Tgt Ion:204 Resp: 1258616
Ion Ratio Lower Upper
204 100
206 34.1 26.9 40.3
141 42.5 33.2 49.8





#62
4-Nitroaniline
Concen: 49.838 ng
RT: 15.651 min Scan# 2138
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

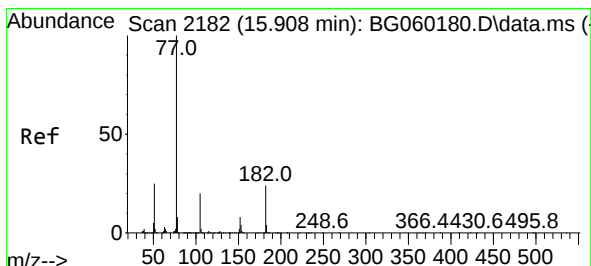
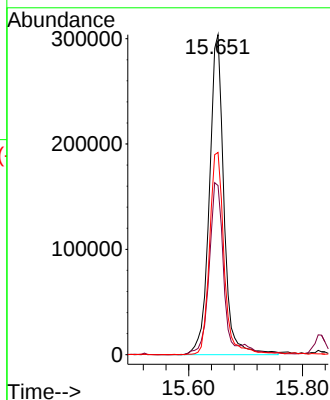
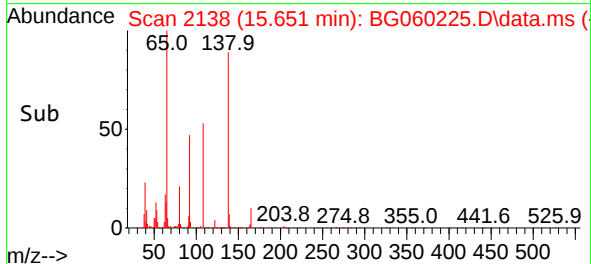
Instrument :
BNA_G
ClientSampleId :
PB157753BSD



Tgt Ion:138 Resp: 53919
Ion Ratio Lower Upper
138 100
92 52.9 35.1 75.1
108 63.2 40.9 80.9

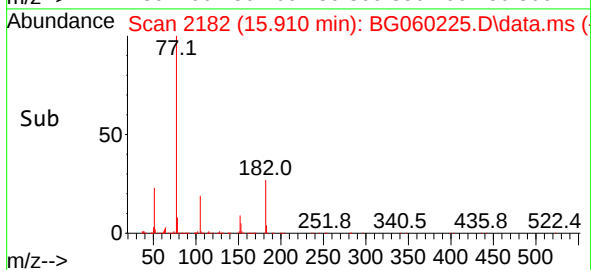
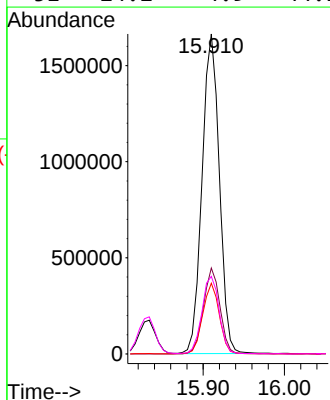
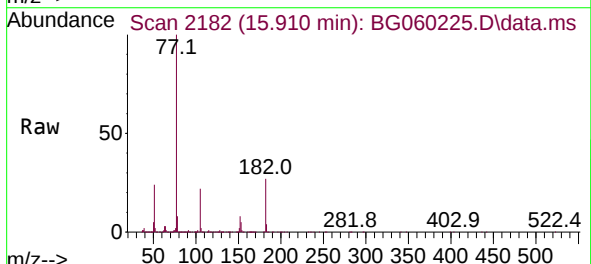
Manual Integrations
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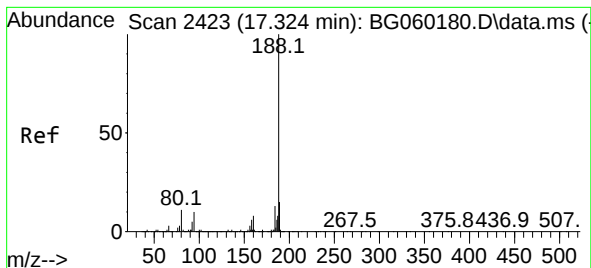
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#63
Azobenzene
Concen: 47.334 ng
RT: 15.910 min Scan# 2182
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

Tgt Ion: 77 Resp: 2451074
Ion Ratio Lower Upper
77 100
182 26.8 4.3 44.3
105 22.1 0.3 40.3
51 24.2 4.9 44.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.326 min Scan# 2423

Delta R.T. 0.002 min

Lab File: BG060225.D

Acq: 3 Jan 2024 13:31

Instrument :

BNA_G

ClientSampleId :

PB157753BSD

Tgt Ion:188 Resp: 165268

Ion Ratio Lower Upper

188 100

94 10.1 7.8 11.6

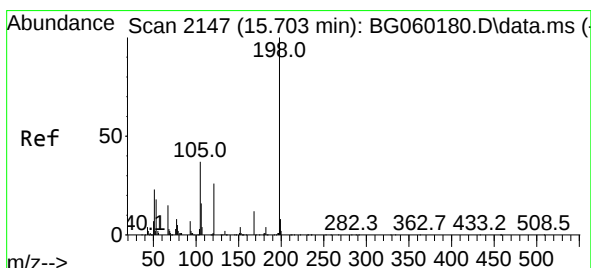
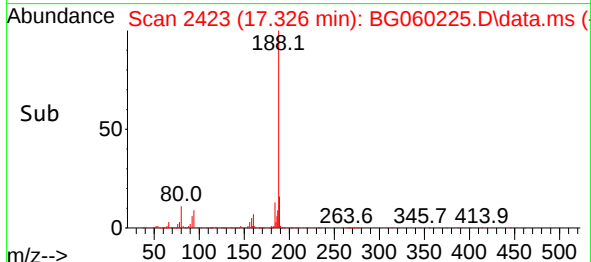
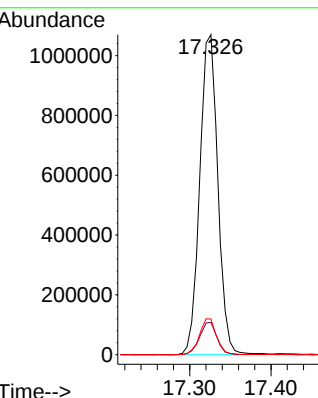
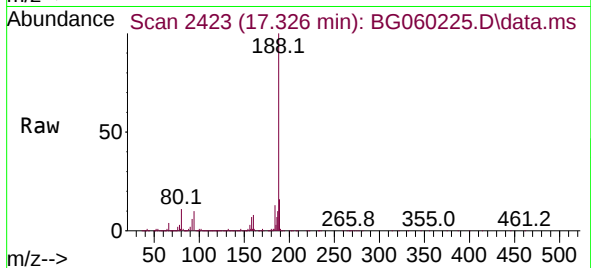
80 11.1 8.6 13.0

Manual Integrations

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Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#65

4,6-Dinitro-2-methylphenol

Concen: 54.207 ng

RT: 15.698 min Scan# 2146

Delta R.T. -0.005 min

Lab File: BG060225.D

Acq: 3 Jan 2024 13:31

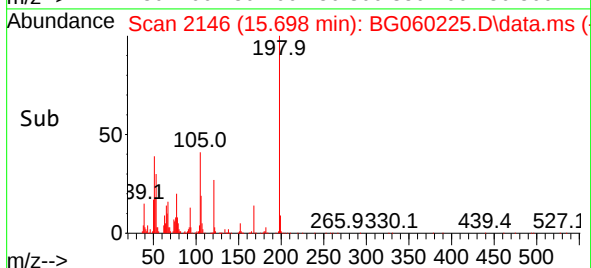
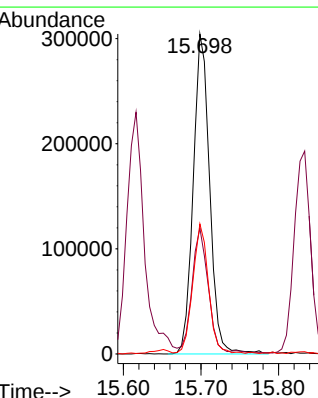
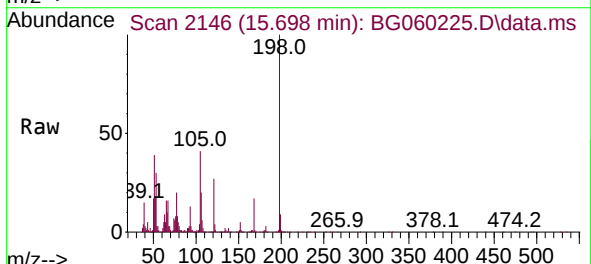
Tgt Ion:198 Resp: 448269

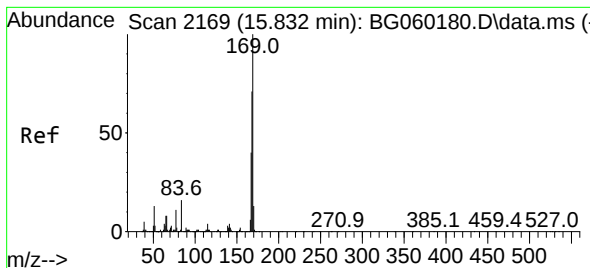
Ion Ratio Lower Upper

198 100

51 39.3 14.8 54.8

105 40.7 17.5 57.5





#66

n-Nitrosodiphenylamine

Concen: 49.697 ng

RT: 15.834 min Scan# 2169

Delta R.T. 0.002 min

Lab File: BG060225.D

Acq: 3 Jan 2024 13:31

Instrument :

BNA_G

ClientSampleId :

PB157753BSD

Tgt Ion:169 Resp: 221326

Ion Ratio Lower Upper

169 100

168 70.7 56.6 84.8

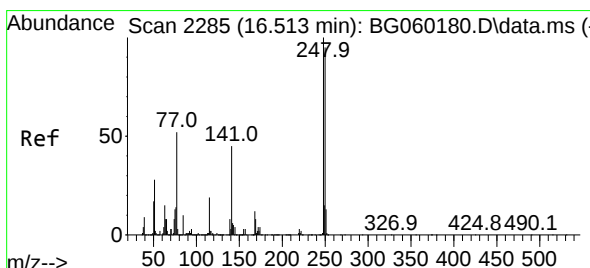
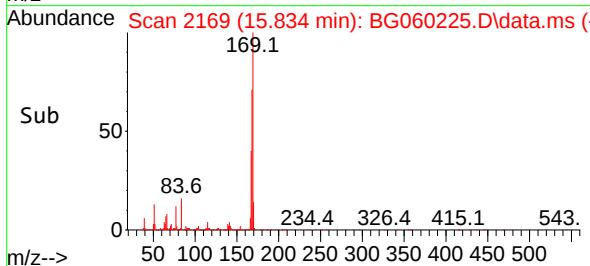
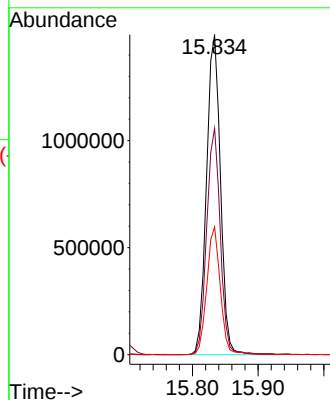
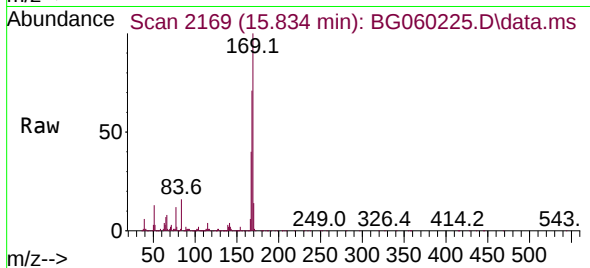
167 40.0 32.1 48.1

Manual Integrations

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Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#67

4-Bromophenyl-phenylether

Concen: 46.424 ng

RT: 16.509 min Scan# 2284

Delta R.T. -0.004 min

Lab File: BG060225.D

Acq: 3 Jan 2024 13:31

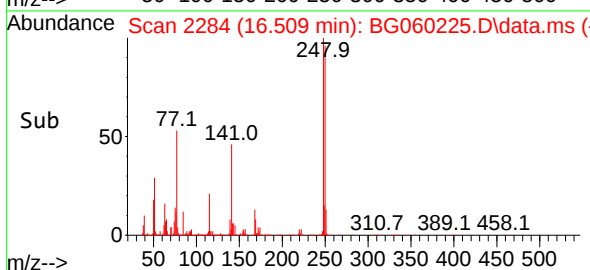
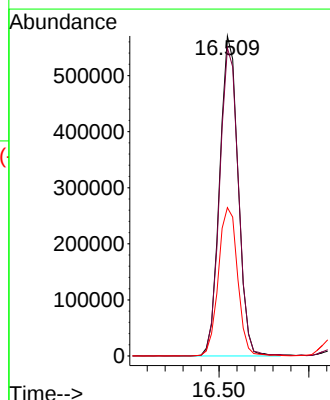
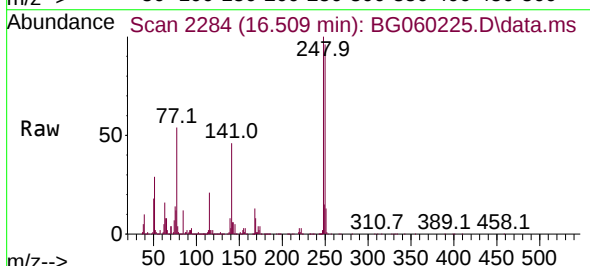
Tgt Ion:248 Resp: 813435

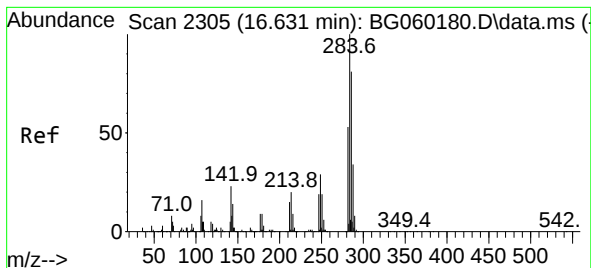
Ion Ratio Lower Upper

248 100

250 96.3 76.2 114.4

141 46.4 36.0 54.0





#68

Hexachlorobenzene

Concen: 46.051 ng

RT: 16.627 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG060225.D

Acq: 3 Jan 2024 13:31

Instrument :

BNA_G

ClientSampleId :

PB157753BSD

Tgt Ion:284 Resp: 946072

Ion Ratio Lower Upper

284 100

142 25.0 18.7 28.1

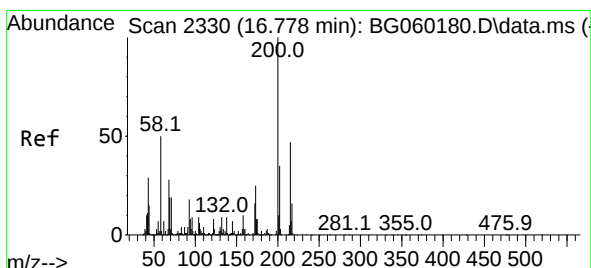
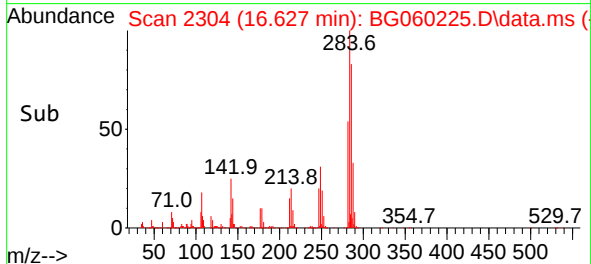
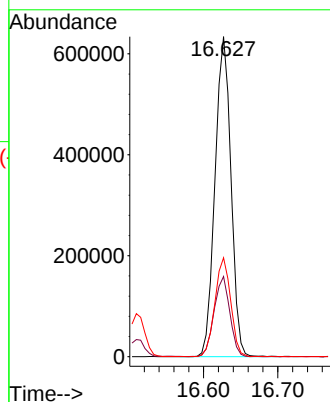
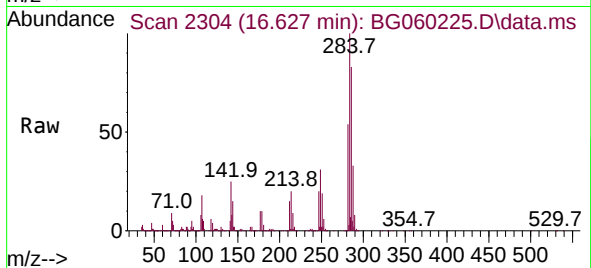
249 30.9 23.5 35.3

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Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#69

Atrazine

Concen: 40.236 ng

RT: 16.780 min Scan# 2330

Delta R.T. 0.002 min

Lab File: BG060225.D

Acq: 3 Jan 2024 13:31

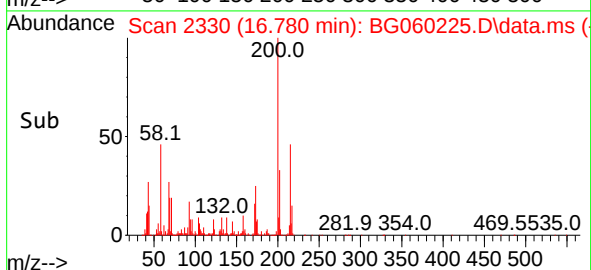
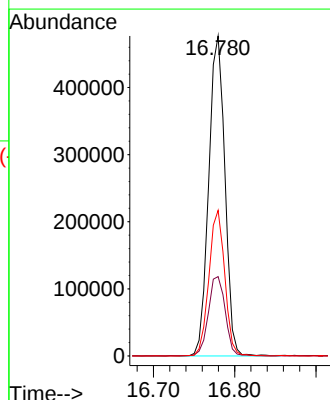
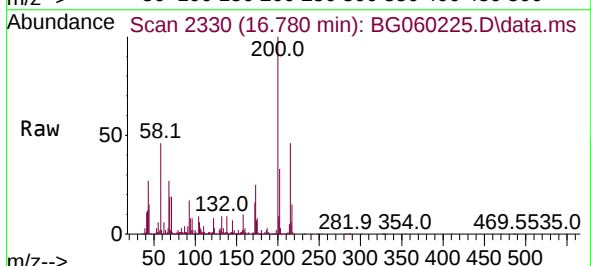
Tgt Ion:200 Resp: 658581

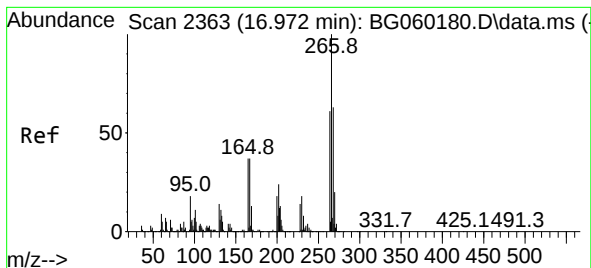
Ion Ratio Lower Upper

200 100

173 24.8 5.2 45.2

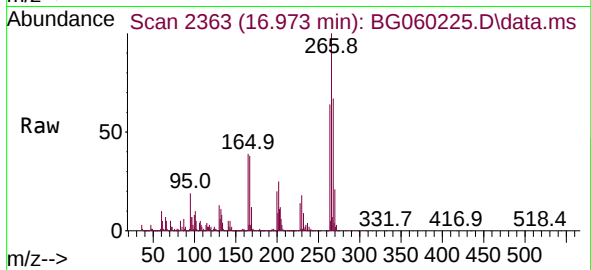
215 45.5 26.9 66.9





#70
Pentachlorophenol
Concen: 105.611 ng
RT: 16.973 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

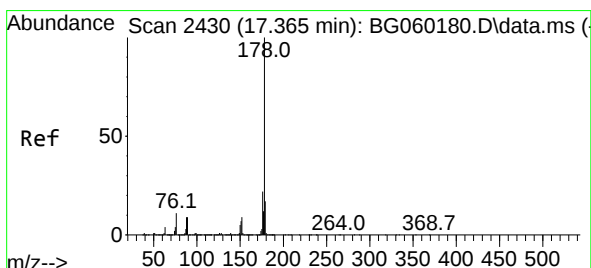
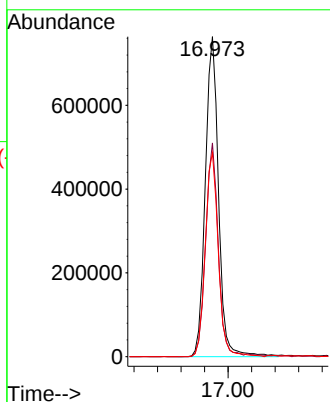
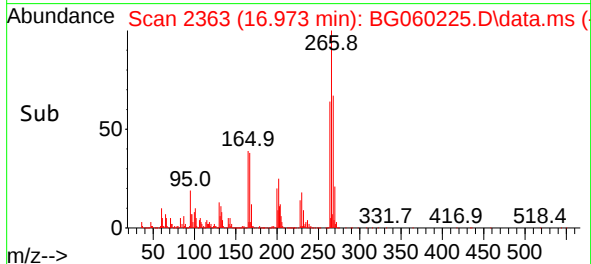
Instrument :
BNA_G
ClientSampleId :
PB157753BSD



Tgt Ion:266 Resp: 1191904
Ion Ratio Lower Upper
266 100
268 66.8 50.4 75.6
264 63.7 52.6 79.0

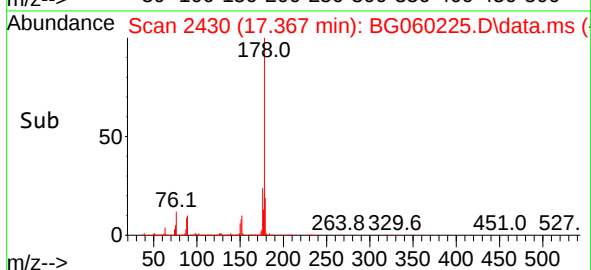
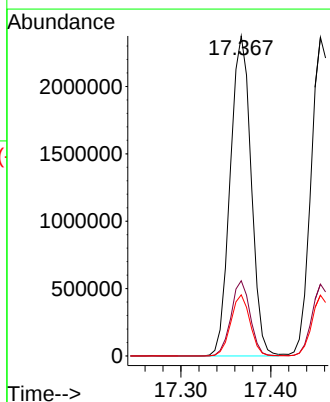
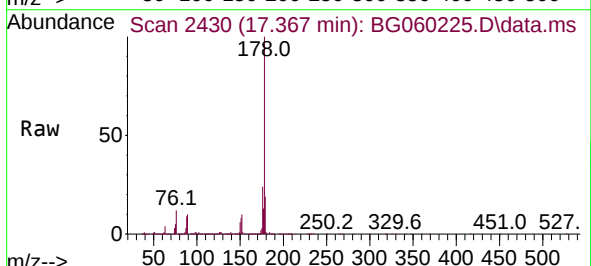
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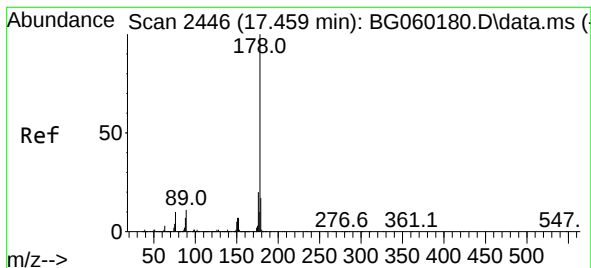
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#71
Phenanthrene
Concen: 46.926 ng
RT: 17.367 min Scan# 2430
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

Tgt Ion:178 Resp: 3833456
Ion Ratio Lower Upper
178 100
176 23.5 17.5 26.3
179 19.1 13.8 20.8





#72

Anthracene

Concen: 48.163 ng

RT: 17.455 min Scan# 2446

Delta R.T. -0.004 min

Lab File: BG060225.D

Acq: 3 Jan 2024 13:31

Instrument :

BNA_G

ClientSampleId :

PB157753BSD

Tgt Ion:178 Resp: 3908134

Ion Ratio Lower Upper

178 100

176 22.6 16.2 24.2

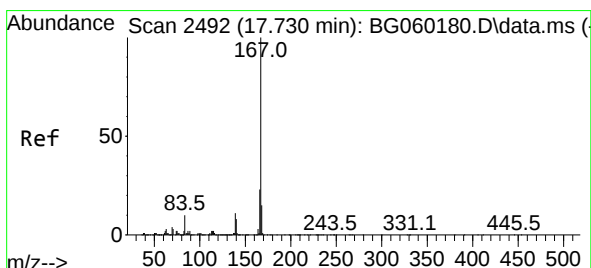
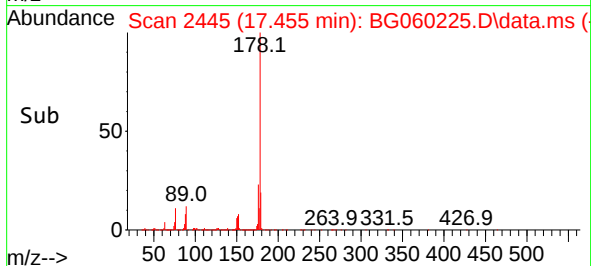
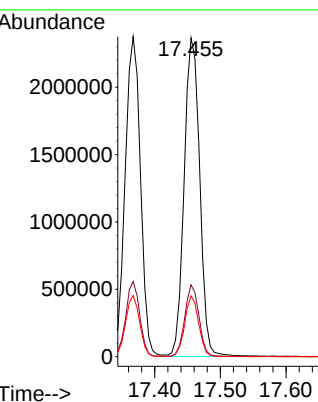
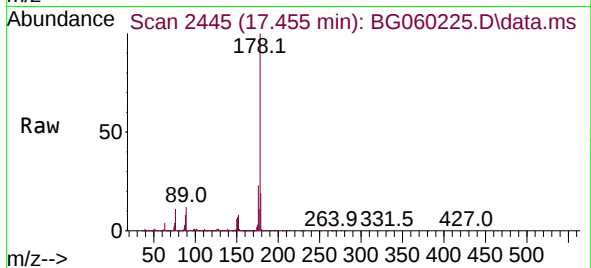
179 19.1 14.0 21.0

Manual Integrations

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Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#73

Carbazole

Concen: 46.572 ng

RT: 17.726 min Scan# 2491

Delta R.T. -0.004 min

Lab File: BG060225.D

Acq: 3 Jan 2024 13:31

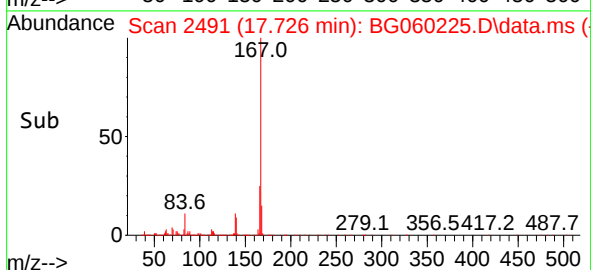
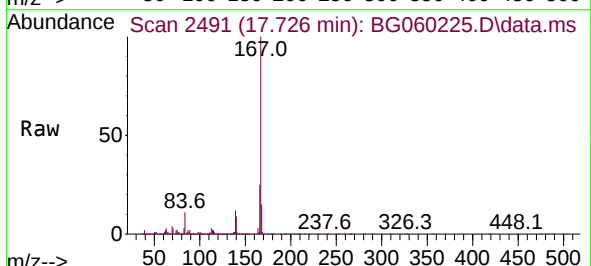
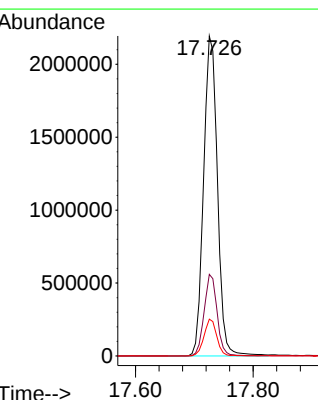
Tgt Ion:167 Resp: 3584218

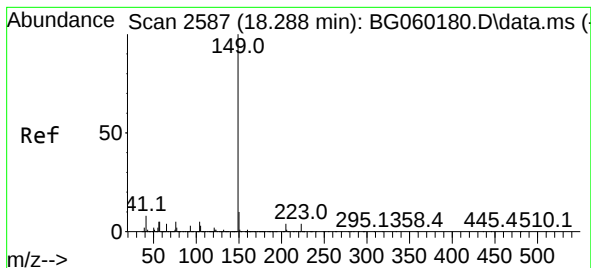
Ion Ratio Lower Upper

167 100

166 25.5 18.8 28.2

139 11.5 8.8 13.2





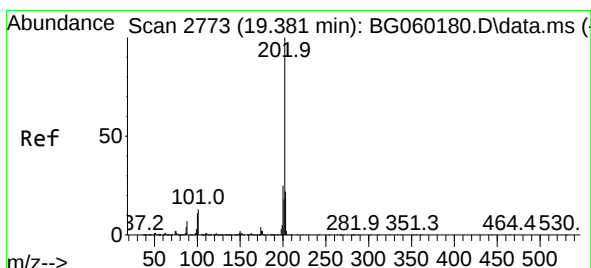
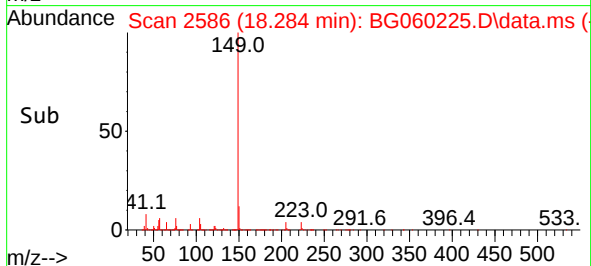
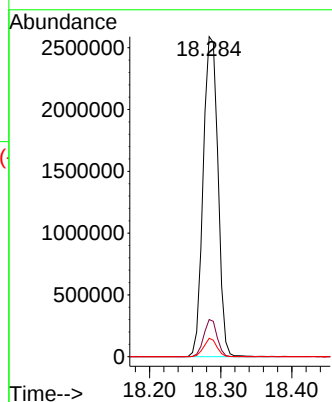
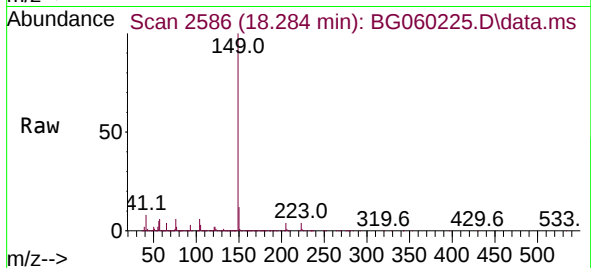
#74
Di-n-butylphthalate
Concen: 50.392 ng
RT: 18.284 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

Instrument :
BNA_G
ClientSampleId :
PB157753BSD

Tgt Ion:149 Resp: 375831
Ion Ratio Lower Upper
149 100
150 11.6 8.3 12.5
104 5.8 4.2 6.4

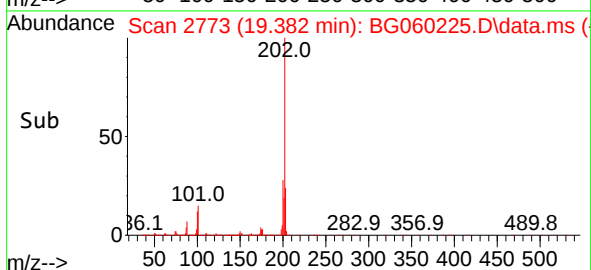
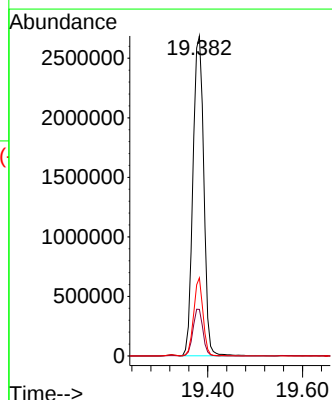
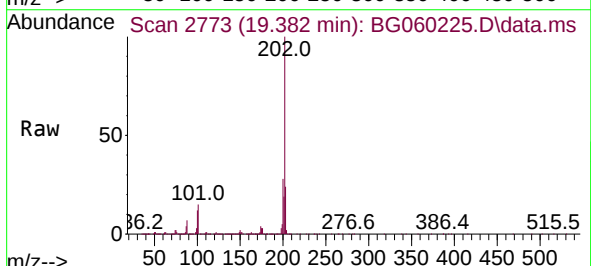
Manual Integrations
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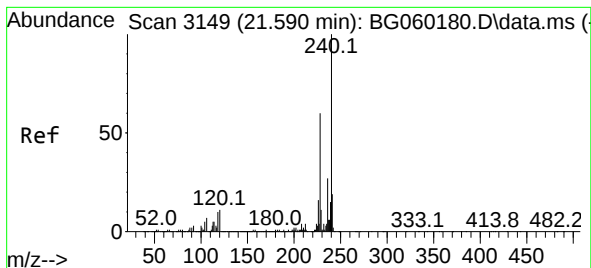
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#75
Fluoranthene
Concen: 44.278 ng
RT: 19.382 min Scan# 2773
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

Tgt Ion:202 Resp: 4242803
Ion Ratio Lower Upper
202 100
101 14.5 0.0 32.8
203 24.4 2.0 42.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.592 min Scan# 3149

Delta R.T. 0.002 min

Lab File: BG060225.D

Acq: 3 Jan 2024 13:31

Instrument :

BNA_G

ClientSampleId :

PB157753BSD

Tgt Ion:240 Resp: 1452009

Ion Ratio Lower Upper

240 100

120 9.3 8.5 12.7

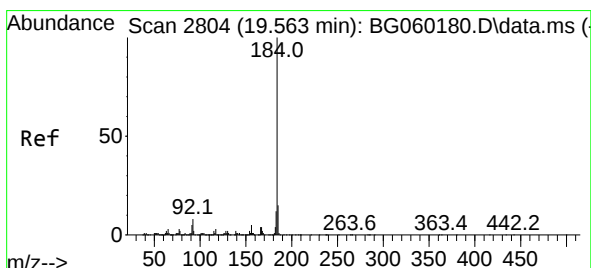
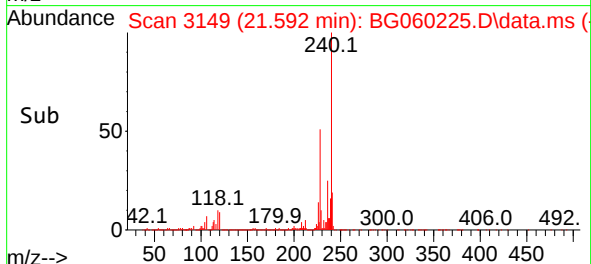
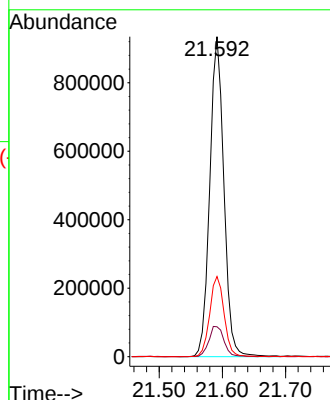
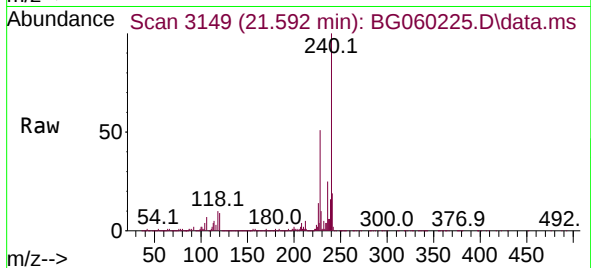
236 25.1 21.4 32.2

Manual Integrations

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Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#77

Benzidine

Concen: 32.659 ng

RT: 19.565 min Scan# 2804

Delta R.T. 0.002 min

Lab File: BG060225.D

Acq: 3 Jan 2024 13:31

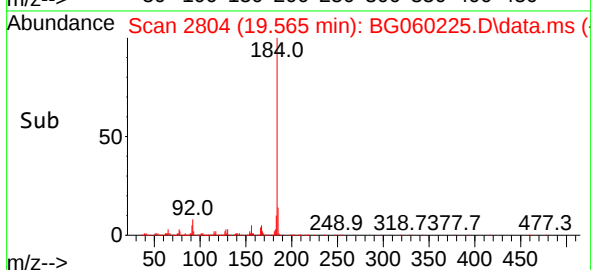
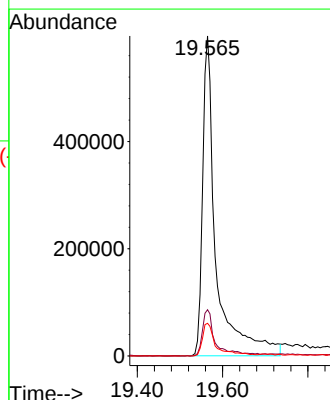
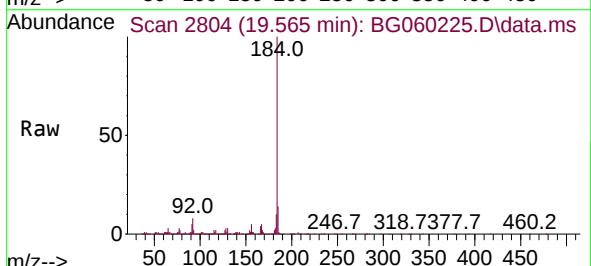
Tgt Ion:184 Resp: 1312471

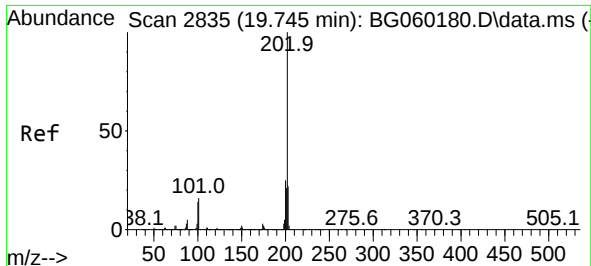
Ion Ratio Lower Upper

184 100

185 14.4 11.7 17.5

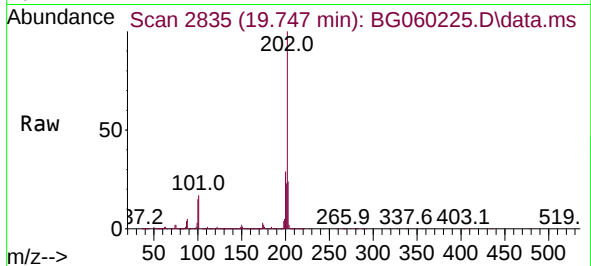
183 10.2 9.4 14.2





#78
Pyrene
Concen: 45.193 ng
RT: 19.747 min Scan# 2835
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

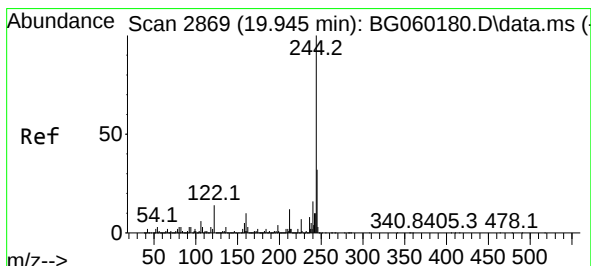
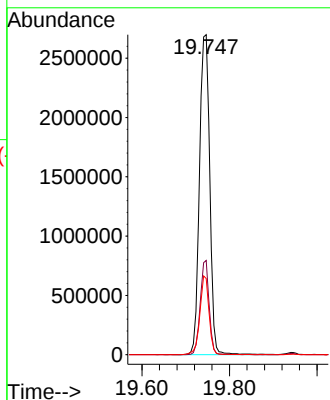
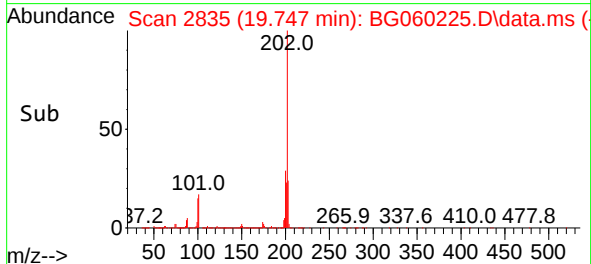
Instrument :
BNA_G
ClientSampleId :
PB157753BSD



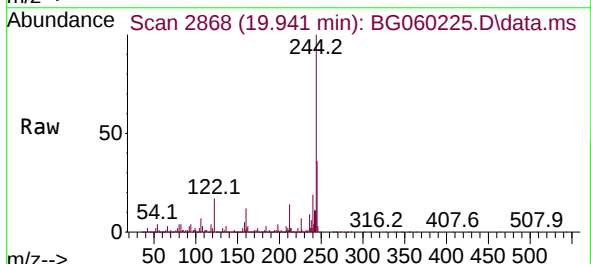
Tgt Ion:202 Resp: 4411092
Ion Ratio Lower Upper
202 100
200 29.4 20.3 30.5
203 23.8 17.8 26.6

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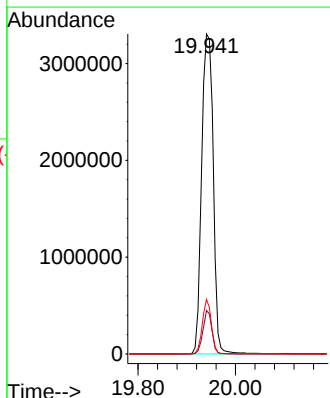
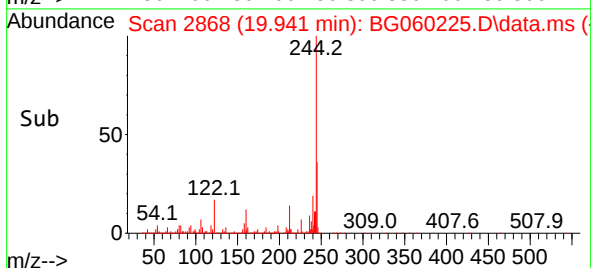
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

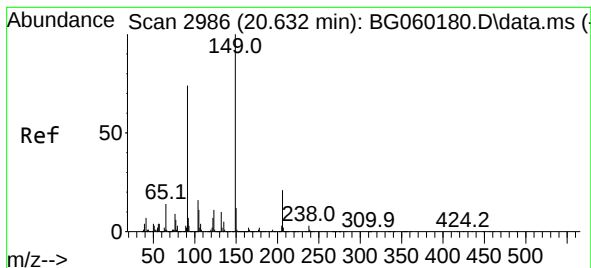


#79
Terphenyl-d14
Concen: 72.032 ng
RT: 19.941 min Scan# 2868
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31



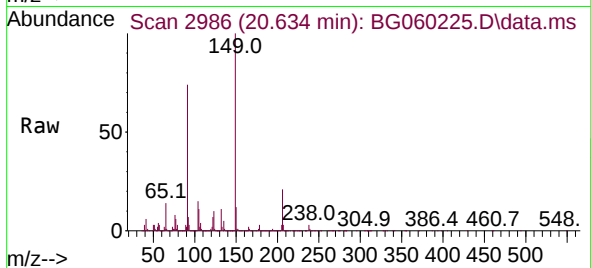
Tgt Ion:244 Resp: 5440369
Ion Ratio Lower Upper
244 100
212 13.5 9.5 14.3
122 17.1 11.4 17.2





#80
Butylbenzylphthalate
Concen: 62.209 ng
RT: 20.634 min Scan# 2986
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

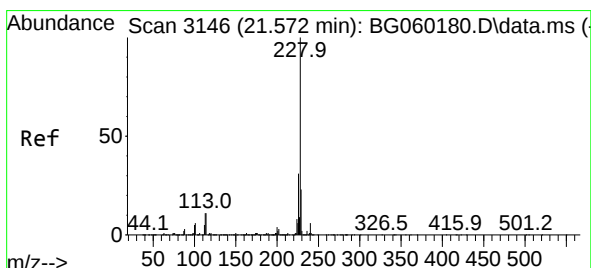
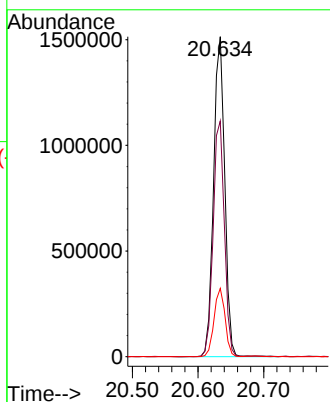
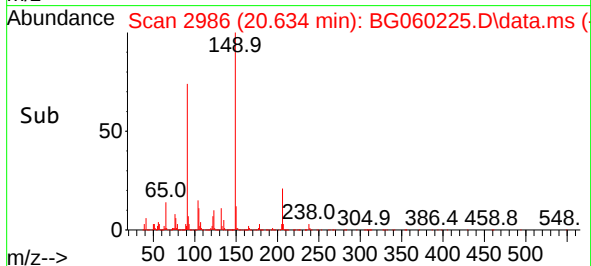
Instrument :
BNA_G
ClientSampleId :
PB157753BSD



Tgt Ion:149 Resp: 1790394
Ion Ratio Lower Upper
149 100
91 73.6 59.4 89.2
206 21.3 16.6 25.0

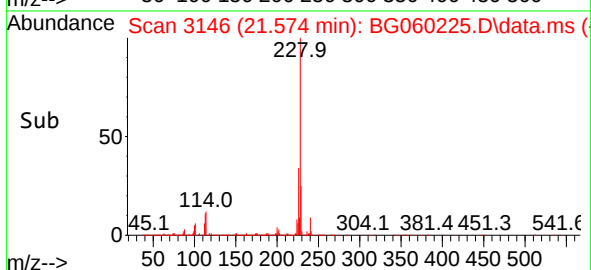
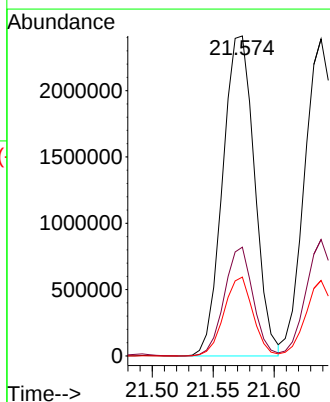
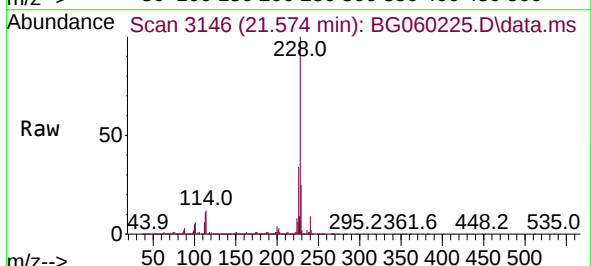
Manual Integrations
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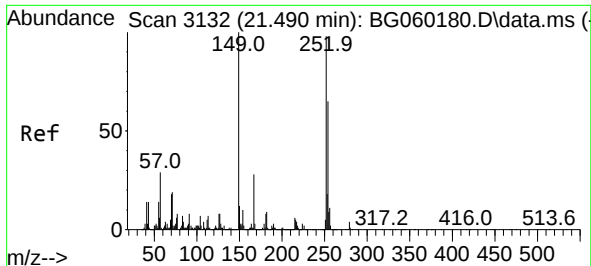
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#81
Benzo(a)anthracene
Concen: 47.543 ng
RT: 21.574 min Scan# 3146
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

Tgt Ion:228 Resp: 4389136
Ion Ratio Lower Upper
228 100
226 34.0 24.6 36.8
229 24.7 18.4 27.6





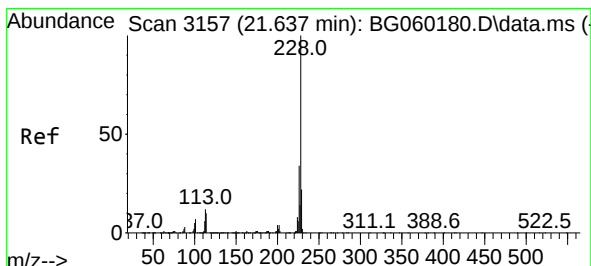
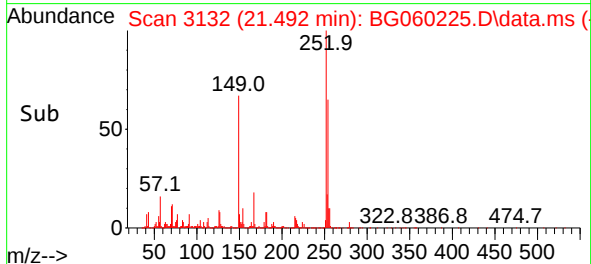
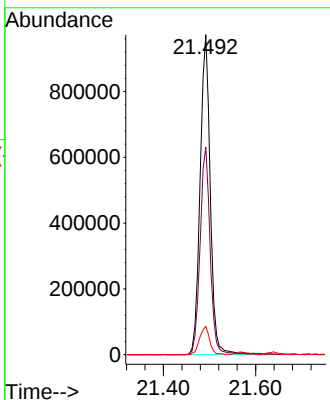
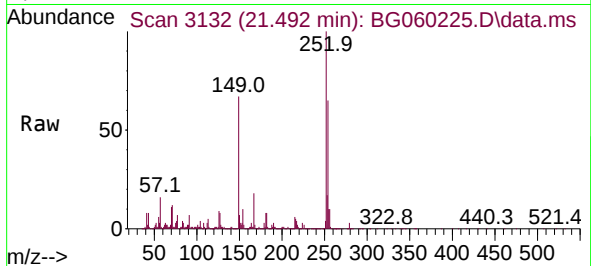
#82
3,3'-Dichlorobenzidine
Concen: 44.729 ng
RT: 21.492 min Scan# 3132
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

Instrument :
BNA_G
ClientSampleId :
PB157753BSD

Tgt Ion:252 Resp: 150163
Ion Ratio Lower Upper
252 100
254 64.9 52.6 78.8
126 8.8 6.9 10.3

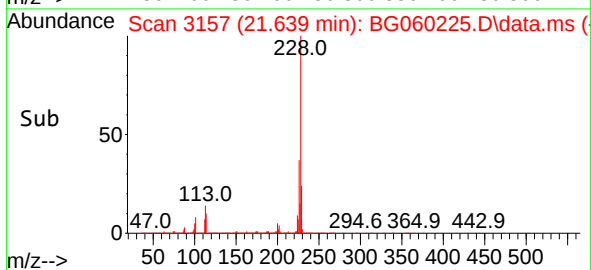
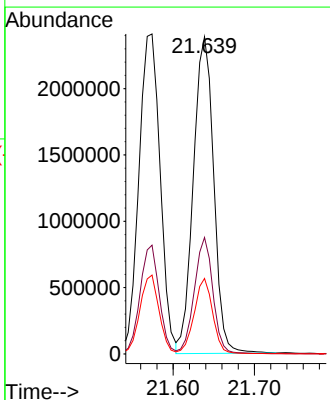
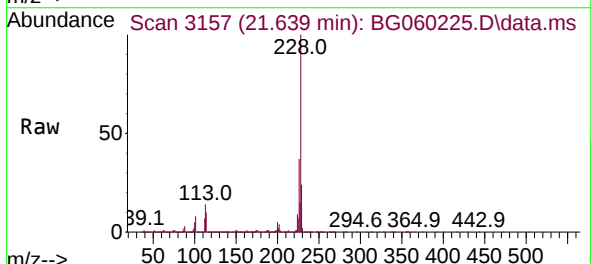
Manual Integrations
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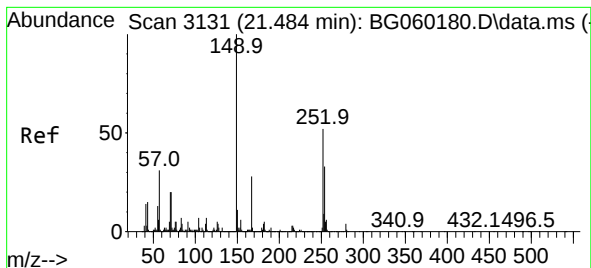
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#83
Chrysene
Concen: 46.337 ng
RT: 21.639 min Scan# 3157
Delta R.T. 0.002 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

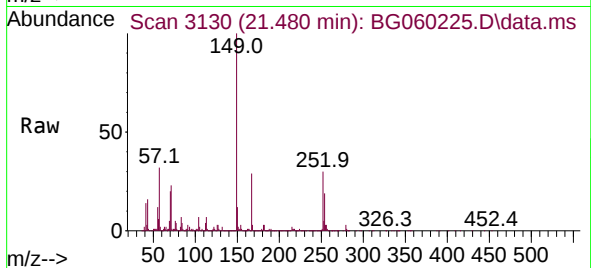
Tgt Ion:228 Resp: 4155963
Ion Ratio Lower Upper
228 100
226 36.7 26.8 40.2
229 23.8 17.7 26.5





#84
Bis(2-ethylhexyl)phthalate
Concen: 60.035 ng
RT: 21.480 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

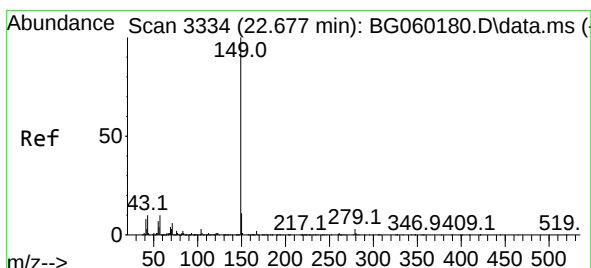
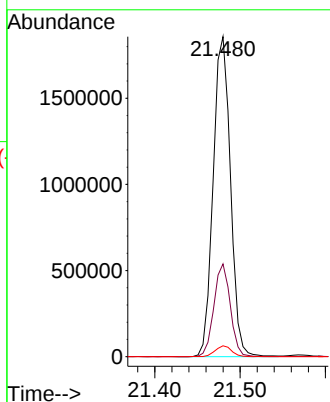
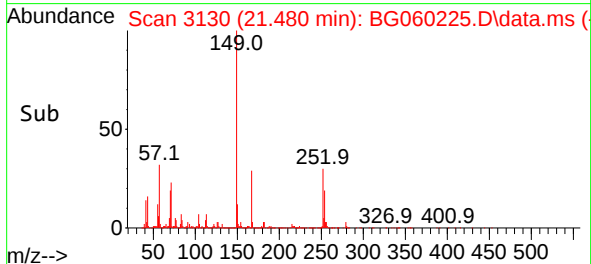
Instrument :
BNA_G
ClientSampleId :
PB157753BSD



Tgt Ion:149 Resp: 2620239
Ion Ratio Lower Upper
149 100
167 29.0 22.2 33.4
279 3.4 2.9 4.3

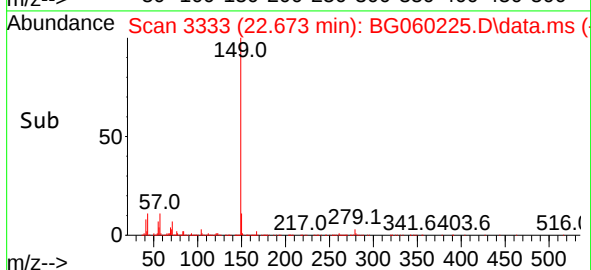
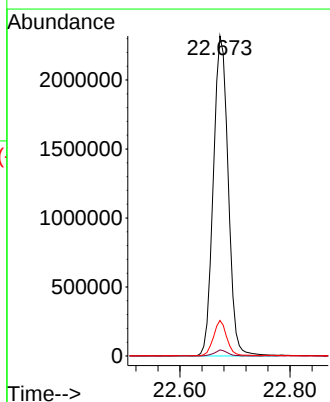
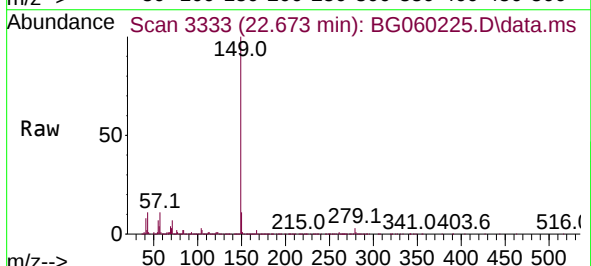
Manual Integrations
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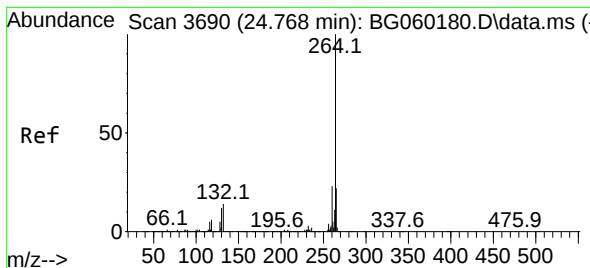
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#85
Di-n-octyl phthalate
Concen: 60.908 ng
RT: 22.673 min Scan# 3333
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

Tgt Ion:149 Resp: 4351406
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.0 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.764 min Scan# 30

Delta R.T. -0.004 min

Lab File: BG060225.D

Acq: 3 Jan 2024 13:31

Instrument :

BNA_G

ClientSampleId :

PB157753BSD

Tgt Ion:264 Resp: 1581110

Ion Ratio Lower Upper

264 100

260 23.1 18.0 27.0

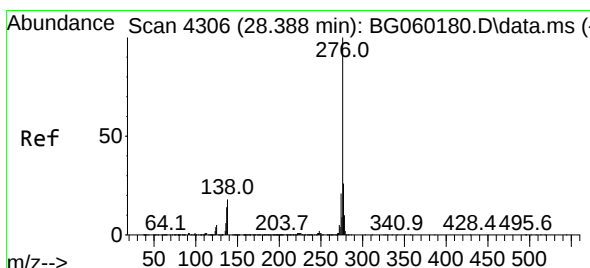
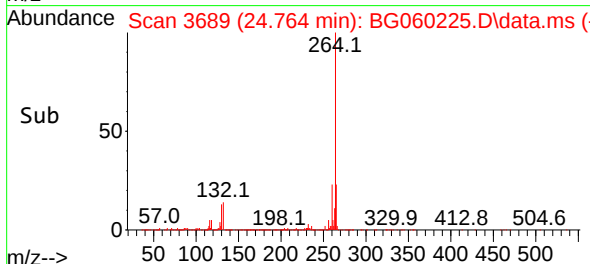
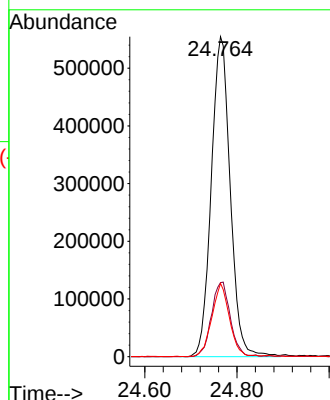
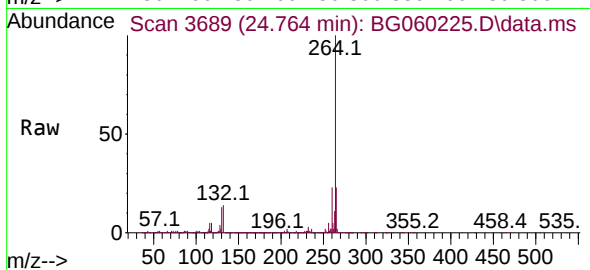
265 22.9 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 50.641 ng

RT: 28.384 min Scan# 4305

Delta R.T. -0.004 min

Lab File: BG060225.D

Acq: 3 Jan 2024 13:31

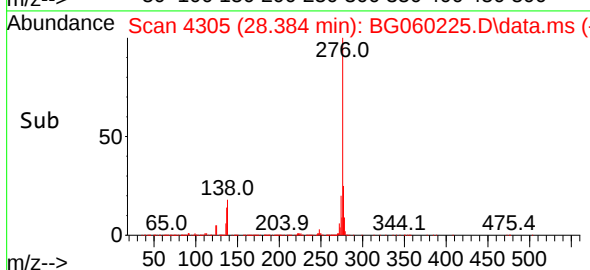
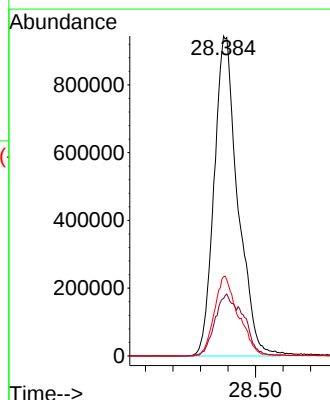
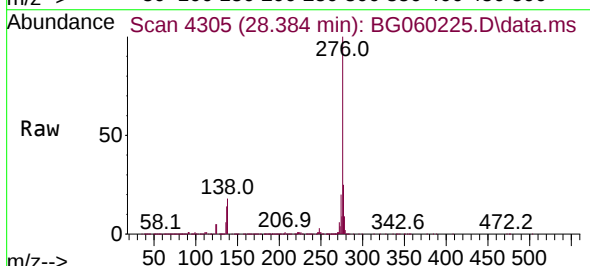
Tgt Ion:276 Resp: 5645132

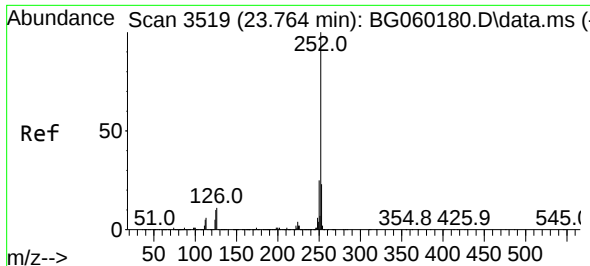
Ion Ratio Lower Upper

276 100

138 23.1 18.0 27.0

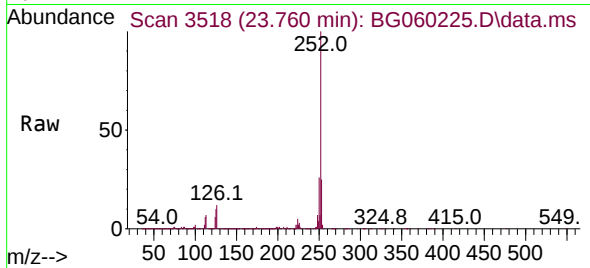
277 25.3 20.0 30.0





#88
Benzo(b)fluoranthene
Concen: 48.433 ng
RT: 23.760 min Scan# 3519
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

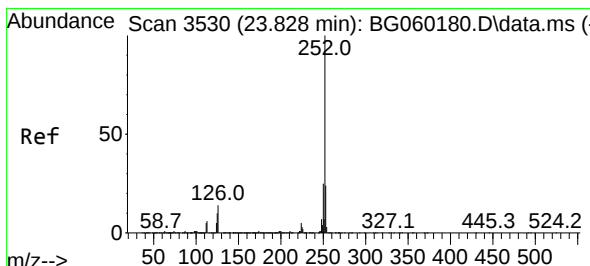
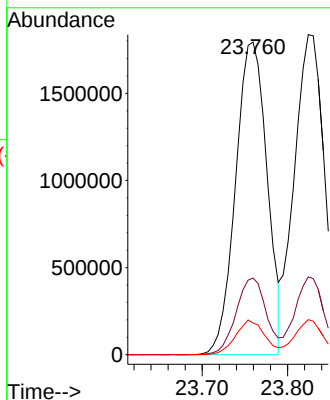
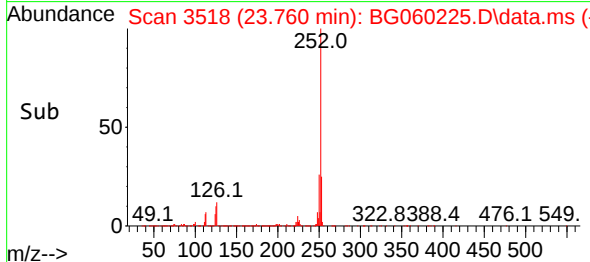
Instrument :
BNA_G
ClientSampleId :
PB157753BSD



Tgt Ion:252 Resp: 4601910
Ion Ratio Lower Upper
252 100
253 24.5 18.4 27.6
125 10.1 8.0 12.0

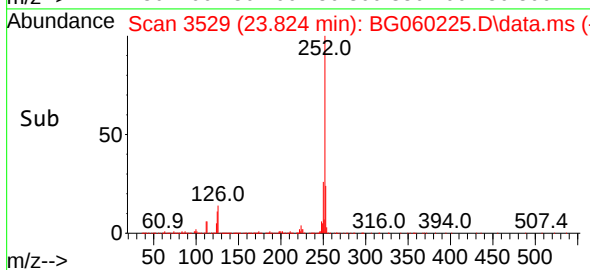
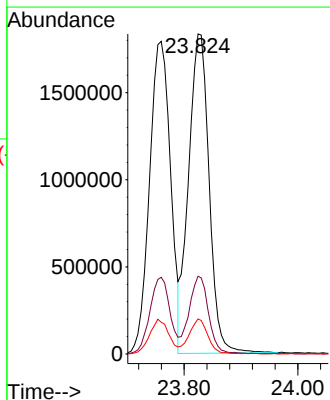
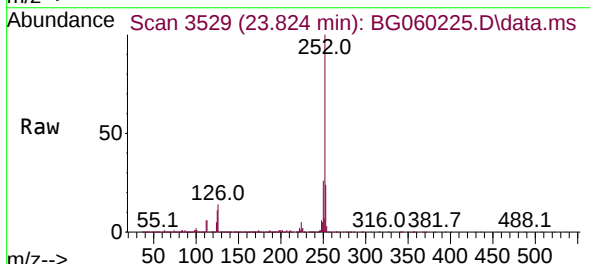
Manual Integrations
APPROVED

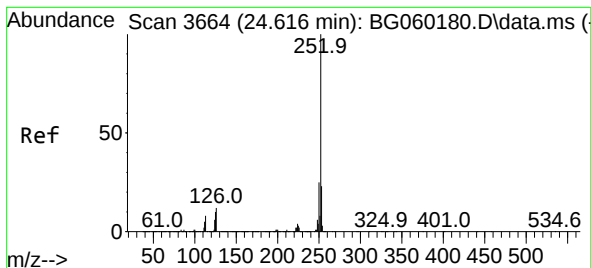
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#89
Benzo(k)fluoranthene
Concen: 48.206 ng
RT: 23.824 min Scan# 3529
Delta R.T. -0.004 min
Lab File: BG060225.D
Acq: 3 Jan 2024 13:31

Tgt Ion:252 Resp: 4610105
Ion Ratio Lower Upper
252 100
253 24.3 19.1 28.7
125 10.9 7.7 11.5





#90

Benzo(a)pyrene

Concen: 49.702 ng

RT: 24.617 min Scan# 30

Delta R.T. 0.002 min

Lab File: BG060225.D

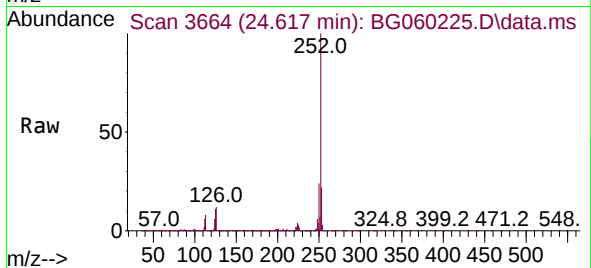
Acq: 3 Jan 2024 13:31

Instrument :

BNA_G

ClientSampleId :

PB157753BSD



Tgt Ion:252 Resp: 4272528

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

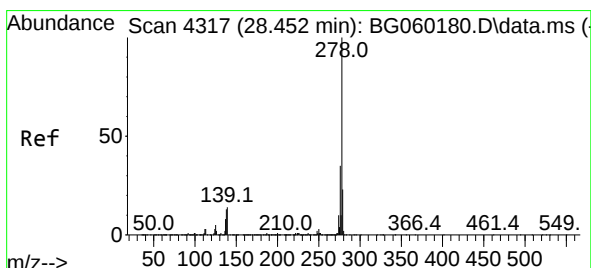
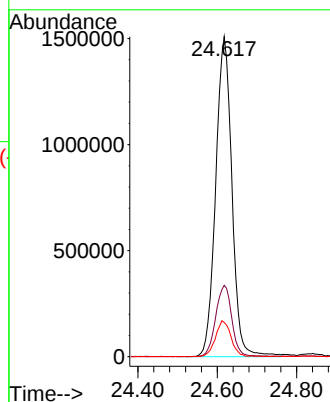
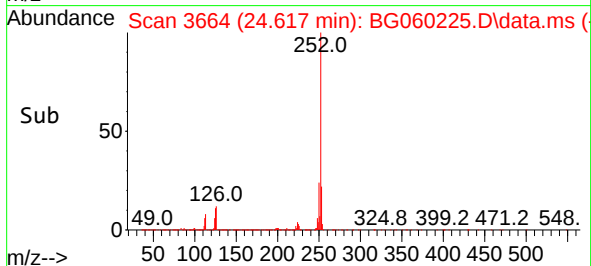
125 10.7 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#91

Dibenzo(a,h)anthracene

Concen: 51.380 ng

RT: 28.454 min Scan# 4317

Delta R.T. 0.002 min

Lab File: BG060225.D

Acq: 3 Jan 2024 13:31

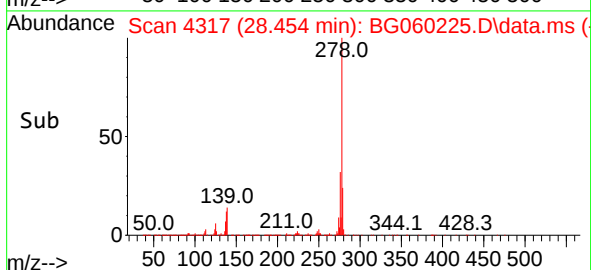
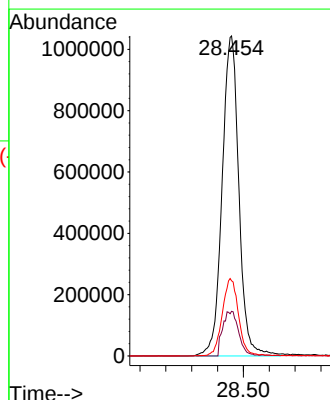
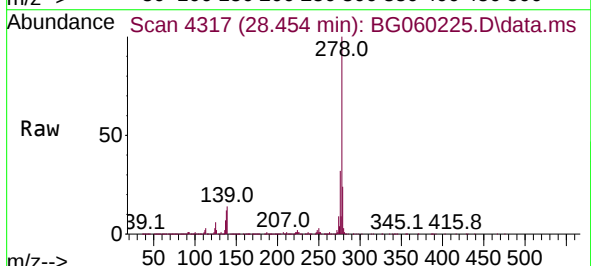
Tgt Ion:278 Resp: 4706000

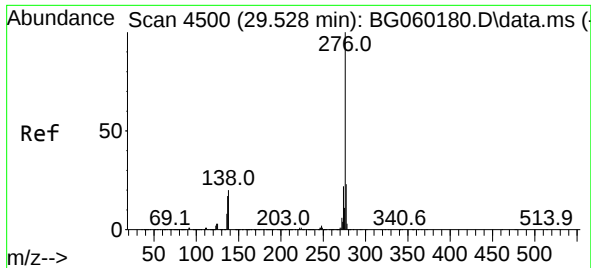
Ion Ratio Lower Upper

278 100

139 14.0 11.0 16.4

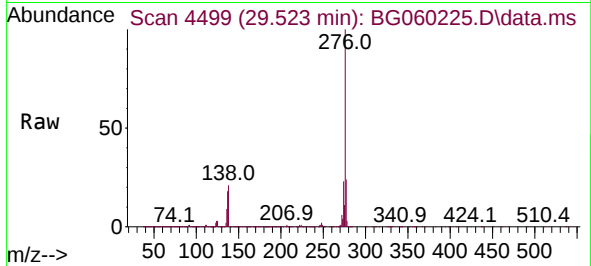
279 23.5 18.5 27.7





#92
 Benzo(g,h,i)perylene
 Concen: 48.737 ng
 RT: 29.523 min Scan# 44
 Delta R.T. -0.004 min
 Lab File: BG060225.D
 Acq: 3 Jan 2024 13:31

Instrument :
 BNA_G
 ClientSampleId :
 PB157753BSD



Tgt Ion:276 Resp: 452148
 Ion Ratio Lower Upper
 276 100
 277 24.4 18.7 28.1
 138 20.5 15.9 23.9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/04/2024

