

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040824\
 Data File : BG060834.D
 Acq On : 8 Apr 2024 20:37
 Operator : MA/JU
 Sample : PB160074BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160074BSD

Quant Time: Apr 09 01:25:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/10/2024
 Supervised By :mohammad ahmed 04/10/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	52969	20.000	ng	-0.01
21) Naphthalene-d8	10.746	136	228087	20.000	ng	-0.01
39) Acenaphthene-d10	14.577	164	180046	20.000	ng	-0.01
64) Phenanthrene-d10	17.327	188	448725	20.000	ng	-0.01
76) Chrysene-d12	21.586	240	432087	20.000	ng	-0.02
86) Perylene-d12	24.712	264	495684	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	454068	142.806	ng	0.00
7) Phenol-d6	7.115	99	621063	131.587	ng	0.00
23) Nitrobenzene-d5	9.101	82	410253	102.635	ng	-0.01
42) 2,4,6-Tribromophenol	16.069	330	368469	180.285	ng	0.00
45) 2-Fluorobiphenyl	13.202	172	1054196	85.932	ng	-0.02
79) Terphenyl-d14	19.947	244	2083991	84.927	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.455	88	48721	37.374	ng	98
3) Pyridine	3.837	79	132556	33.710	ng	# 86
4) n-Nitrosodimethylamine	3.754	42	109917	46.764	ng	96
6) Aniline	7.274	93	139922	23.476	ng	98
8) 2-Chlorophenol	7.515	128	181473	50.343	ng	98
9) Benzaldehyde	7.080	77	29122m	11.190	ng	
10) Phenol	7.139	94	231786	48.120	ng	97
11) bis(2-Chloroethyl)ether	7.368	93	159562	41.030	ng	96
12) 1,3-Dichlorobenzene	7.838	146	176019	46.955	ng	93
13) 1,4-Dichlorobenzene	7.985	146	179331	46.891	ng	98
14) 1,2-Dichlorobenzene	8.302	146	177905	47.468	ng	97
15) Benzyl Alcohol	8.179	79	177719	46.485	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.467	45	396535	45.181	ng	99
17) 2-Methylphenol	8.390	107	160984	44.271	ng	99
18) Hexachloroethane	9.031	117	65422	48.165	ng	# 88
19) n-Nitroso-di-n-propyla...	8.754	70	148703	41.315	ng	98
20) 3+4-Methylphenols	8.713	107	223745	44.934	ng	93
22) Acetophenone	8.766	105	284251	45.197	ng	# 97
24) Nitrobenzene	9.142	77	213896	48.069	ng	97
25) Isophorone	9.671	82	385860	41.911	ng	98
26) 2-Nitrophenol	9.853	139	91846	56.801	ng	90
27) 2,4-Dimethylphenol	9.918	122	140821	38.077	ng	98
28) bis(2-Chloroethoxy)met...	10.153	93	231660	42.620	ng	99
29) 2,4-Dichlorophenol	10.388	162	184352	54.283	ng	99
30) 1,2,4-Trichlorobenzene	10.605	180	192086	49.950	ng	98
31) Naphthalene	10.793	128	544130	44.101	ng	99
32) Benzoic acid	10.059	122	140986	55.973	ng	94
33) 4-Chloroaniline	10.893	127	90907	15.863	ng	96
34) Hexachlorobutadiene	11.087	225	131895	51.463	ng	99
35) Caprolactam	11.669	113	65272m	48.527	ng	
36) 4-Chloro-3-methylphenol	12.027	107	214676	49.483	ng	97
37) 2-Methylnaphthalene	12.403	142	396068	43.663	ng	98
38) 1-Methylnaphthalene	12.620	142	370078	43.187	ng	98
40) 1,2,4,5-Tetrachloroben...	12.767	216	250797	48.453	ng	99
41) Hexachlorocyclopentadiene	12.756	237	298575	113.443	ng	98
43) 2,4,6-Trichlorophenol	13.008	196	178181	53.460	ng	99

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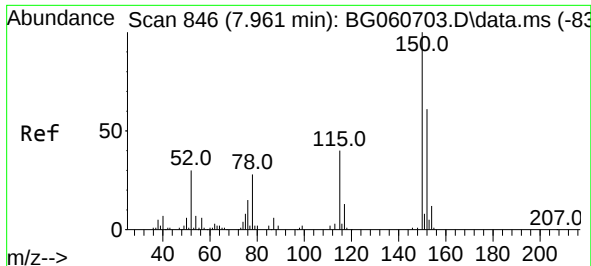
Manual Integrations
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 Supervised By :mohammad ahmed 04/10/2024

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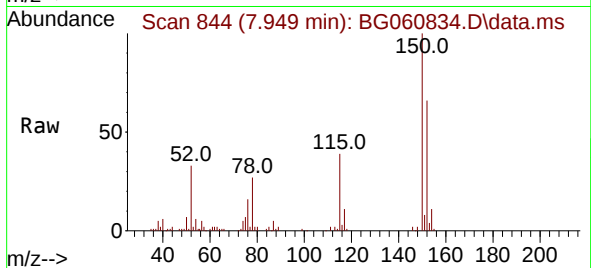
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.079	196	198883	50.002	ng	98
46) 1,1'-Biphenyl	13.414	154	563839	44.336	ng	99
47) 2-Chloronaphthalene	13.455	162	442925	45.841	ng	97
48) 2-Nitroaniline	13.649	65	177548	55.252	ng	93
49) Acenaphthylene	14.301	152	764253	47.075	ng	99
50) Dimethylphthalate	14.036	163	631278	44.359	ng	99
51) 2,6-Dinitrotoluene	14.148	165	132476	51.702	ng	96
52) Acenaphthene	14.642	154	527932m	51.792	ng	
53) 3-Nitroaniline	14.477	138	79399	29.570	ng	96
54) 2,4-Dinitrophenol	14.683	184	169538	171.154	ng	90
55) Dibenzofuran	14.977	168	714650	44.448	ng	98
56) 4-Nitrophenol	14.789	139	246003	118.247	ng	97
57) 2,4-Dinitrotoluene	14.935	165	192871	57.009	ng	98
58) Fluorene	15.629	166	593067	45.959	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.200	232	192285	55.472	ng	98
60) Diethylphthalate	15.405	149	635636	44.396	ng	99
61) 4-Chlorophenyl-phenyle...	15.623	204	316859	46.414	ng	95
62) 4-Nitroaniline	15.640	138	144115	55.389	ng	97
63) Azobenzene	15.917	77	612487	43.901	ng	97
65) 4,6-Dinitro-2-methylph...	15.699	198	120375	62.512	ng	98
66) n-Nitrosodiphenylamine	15.834	169	560719	43.728	ng	98
67) 4-Bromophenyl-phenylether	16.522	248	223457	49.069	ng	97
68) Hexachlorobenzene	16.633	284	261881	50.941	ng	97
69) Atrazine	16.792	200	221875	49.480	ng	98
70) Pentachlorophenol	16.974	266	359965	107.311	ng	98
71) Phenanthrene	17.368	178	1040876	44.602	ng	99
72) Anthracene	17.462	178	1075628	45.384	ng	100
73) Carbazole	17.726	167	958763	45.882	ng	98
74) Di-n-butylphthalate	18.302	149	1117181	42.883	ng	99
75) Fluoranthene	19.377	202	1299231	45.879	ng	98
77) Benzidine	19.559	184	341568	30.021	ng	99
78) Pyrene	19.742	202	1349855	44.669	ng	99
80) Butylbenzylphthalate	20.646	149	499517	45.314	ng	95
81) Benzo(a)anthracene	21.569	228	1402017	46.032	ng	98
82) 3,3'-Dichlorobenzidine	21.487	252	330291	32.117	ng	97
83) Chrysene	21.633	228	1339684	45.635	ng	98
84) Bis(2-ethylhexyl)phtha...	21.510	149	735539	41.863	ng	98
85) Di-n-octyl phthalate	22.703	149	1288432	45.013	ng	99
87) Indeno(1,2,3-cd)pyrene	28.279	276	1712871	49.071	ng	98
88) Benzo(b)fluoranthene	23.731	252	1409275	49.488	ng	99
89) Benzo(k)fluoranthene	23.801	252	1371149	47.042	ng	# 97
90) Benzo(a)pyrene	24.577	252	1294096	46.762	ng	# 97
91) Dibenzo(a,h)anthracene	28.349	278	1401359	47.625	ng	# 95
92) Benzo(g,h,i)perylene	29.383	276	1312436	45.851	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.949 min Scan# 84
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

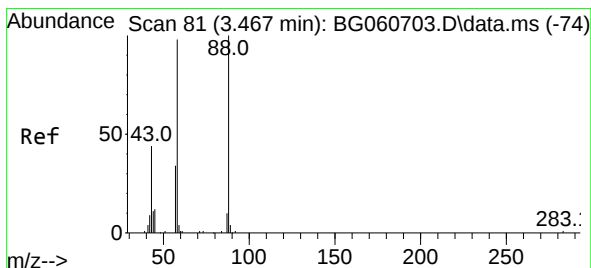
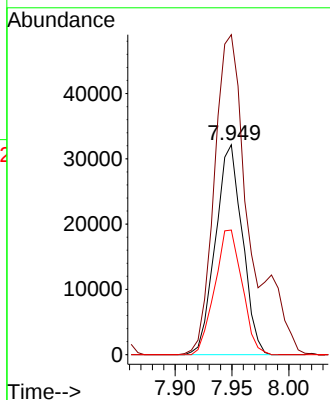
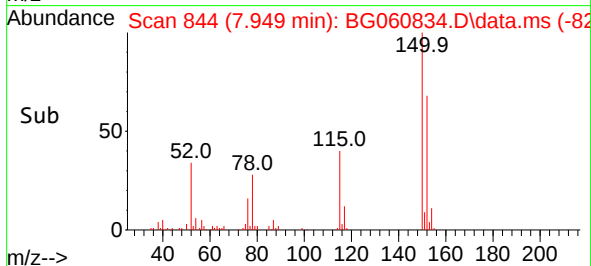
Instrument :
BNA_G
ClientSampleId :
PB160074BSD



Tgt Ion:152 Resp: 52969
Ion Ratio Lower Upper
152 100
150 152.5 130.2 195.4
115 59.4 51.6 77.4

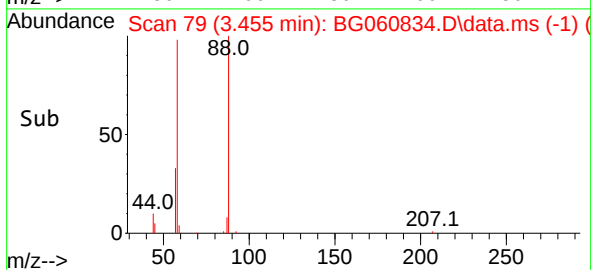
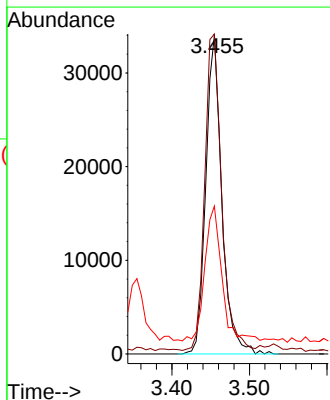
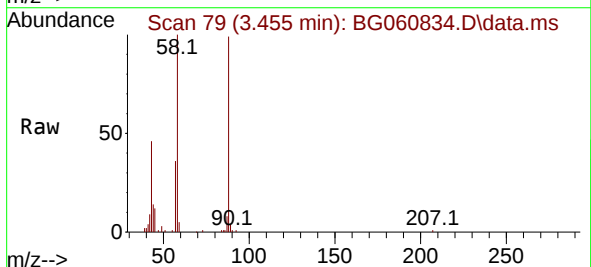
Manual Integrations
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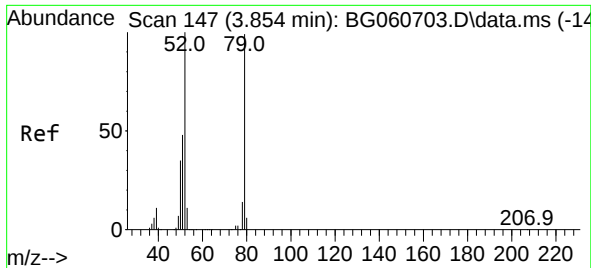
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#2
1,4-Dioxane
Concen: 37.374 ng
RT: 3.455 min Scan# 79
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

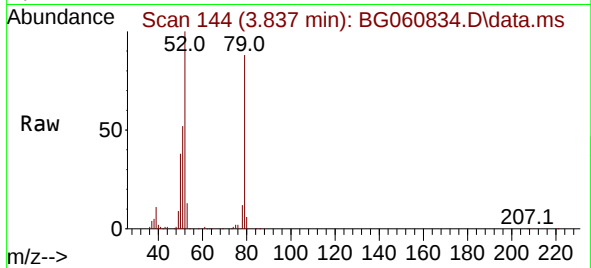
Tgt Ion: 88 Resp: 48721
Ion Ratio Lower Upper
88 100
58 104.4 80.9 121.3
43 44.7 35.4 53.0





#3
Pyridine
Concen: 33.710 ng
RT: 3.837 min Scan# 147
Delta R.T. -0.018 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

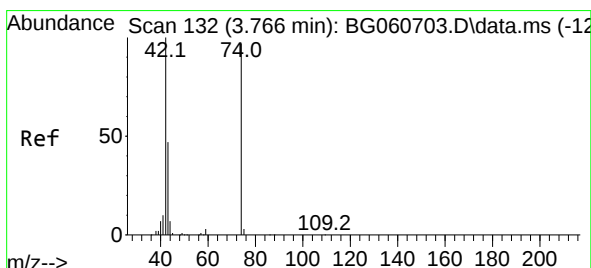
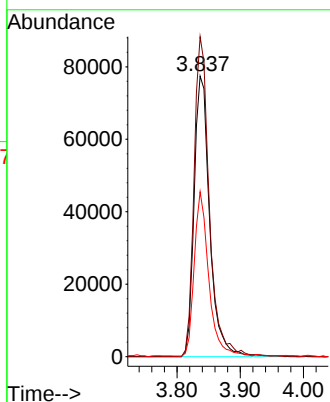
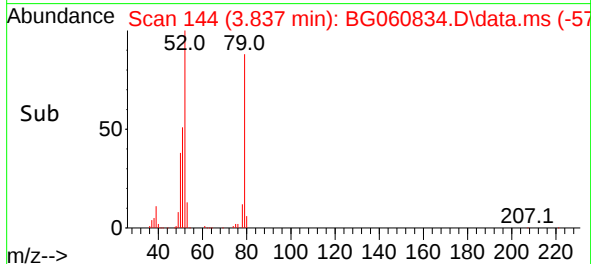
Instrument :
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PB160074BSD



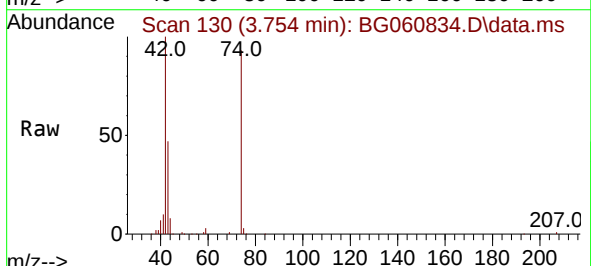
Tgt Ion: 79 Resp: 132550
Ion Ratio Lower Upper
79 100
52 114.0 80.6 120.8
51 58.8 39.1 58.7

Manual Integrations
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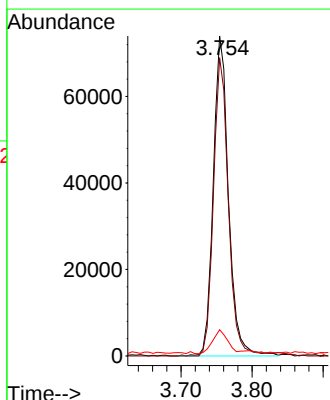
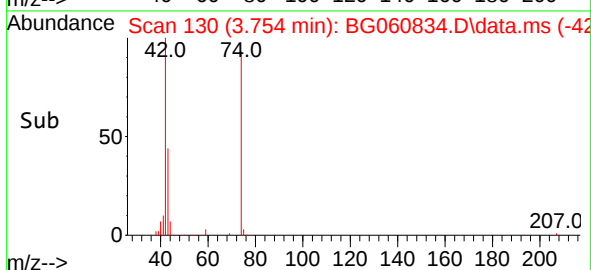
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#4
n-Nitrosodimethylamine
Concen: 46.764 ng
RT: 3.754 min Scan# 130
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37



Tgt Ion: 42 Resp: 109917
Ion Ratio Lower Upper
42 100
74 93.2 77.8 116.8
44 8.2 6.8 10.2





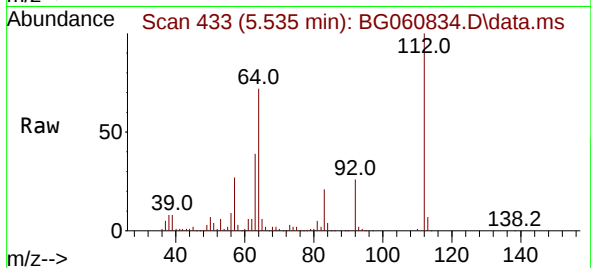
#5
2-Fluorophenol
Concen: 142.806 ng
RT: 5.535 min Scan# 411
Delta R.T. -0.000 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

Instrument :

BNA_G

ClientSampleId :

PB160074BSD



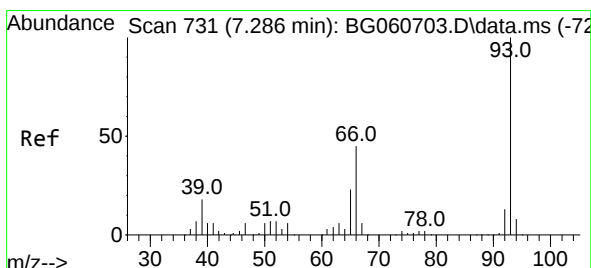
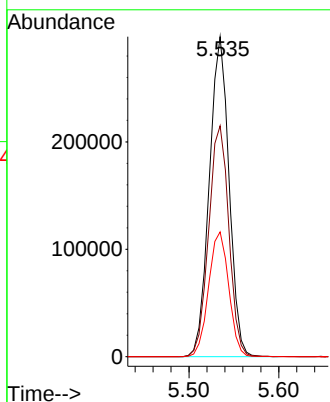
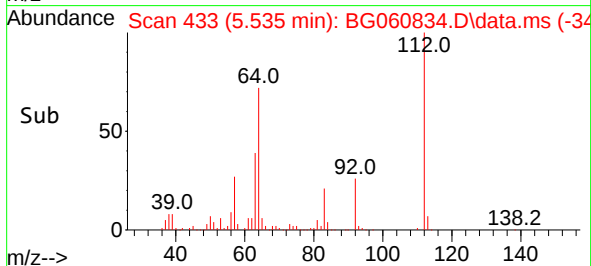
Tgt Ion:112 Resp: 454068
Ion Ratio Lower Upper
112 100
64 72.1 58.4 87.6
63 39.0 32.7 49.1

Manual Integrations

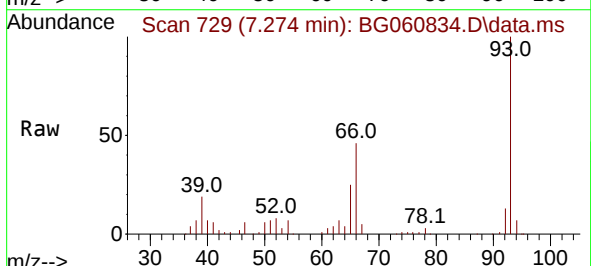
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Reviewed By :Yogesh Patel 04/10/2024

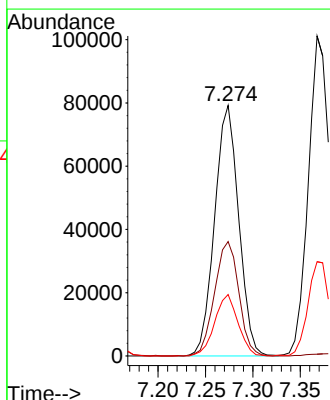
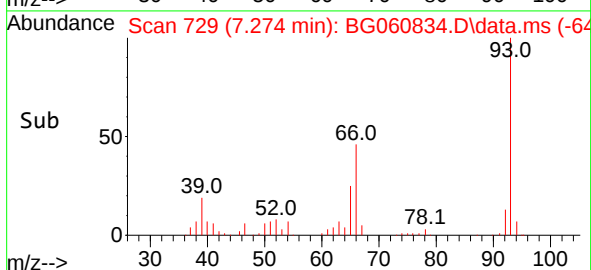
Supervised By :mohammad ahmed 04/10/2024

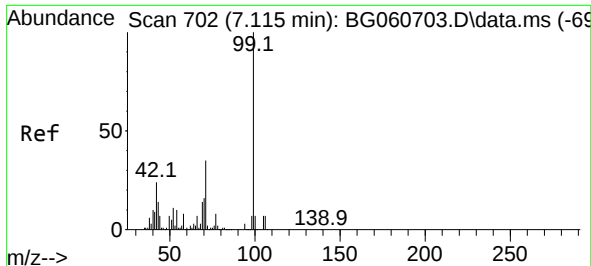


#6
Aniline
Concen: 23.476 ng
RT: 7.274 min Scan# 729
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37



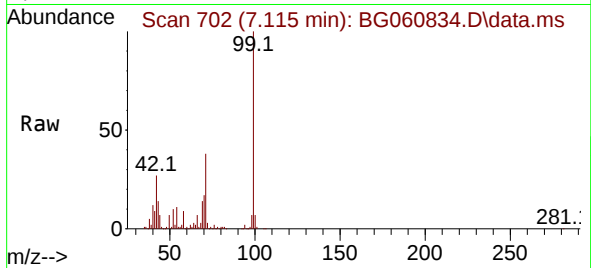
Tgt Ion: 93 Resp: 139922
Ion Ratio Lower Upper
93 100
66 45.7 36.1 54.1
65 24.6 18.1 27.1





#7
Phenol-d6
Concen: 131.587 ng
RT: 7.115 min Scan# 702
Delta R.T. -0.000 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

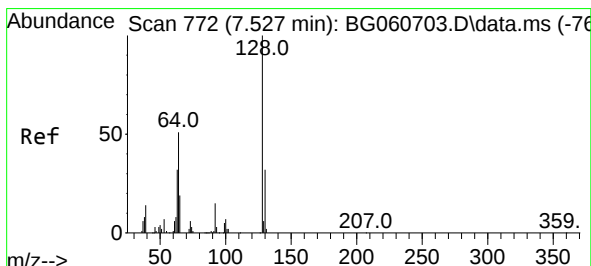
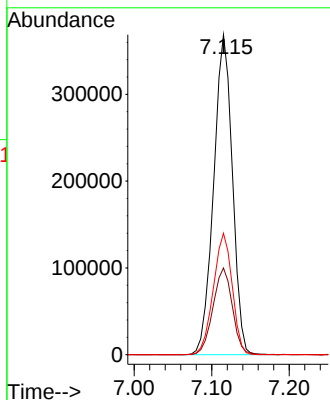
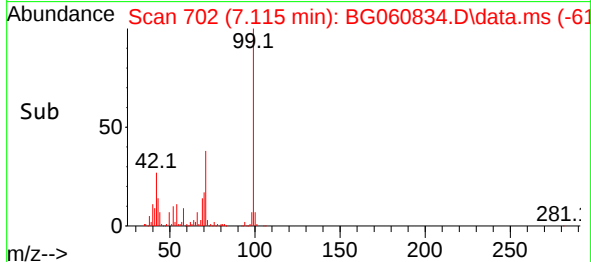
Instrument :
BNA_G
ClientSampleId :
PB160074BSD



Tgt Ion: 99 Resp: 621063
Ion Ratio Lower Upper
99 100
42 27.1 19.4 29.2
71 37.9 28.2 42.2

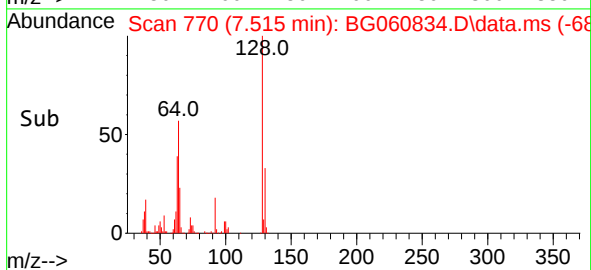
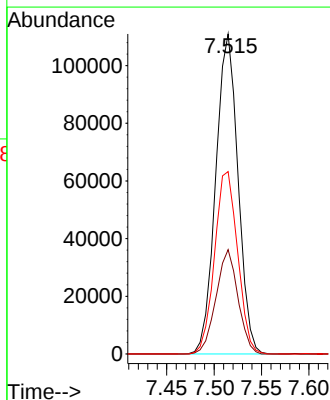
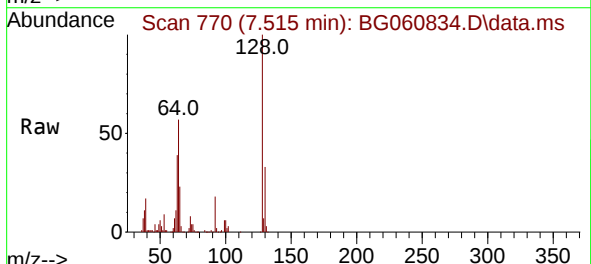
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#8
2-Chlorophenol
Concen: 50.343 ng
RT: 7.515 min Scan# 770
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

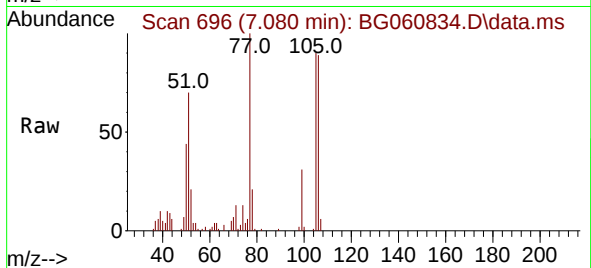
Tgt Ion:128 Resp: 181473
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 57.0 35.0 75.0





#9
Benzaldehyde
Concen: 11.190 ng m
RT: 7.080 min Scan# 699
Delta R.T. -0.018 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

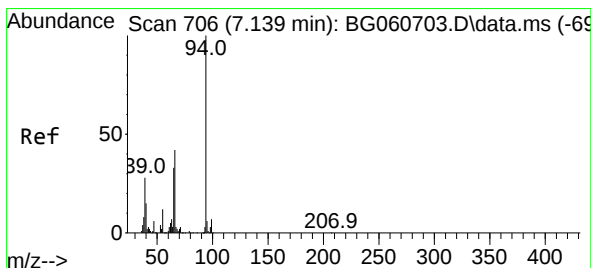
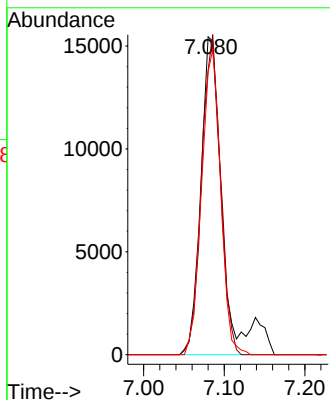
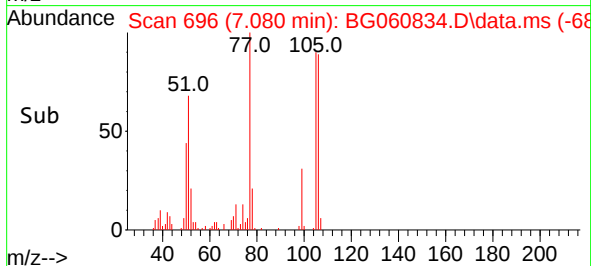
Instrument :
BNA_G
ClientSampleId :
PB160074BSD



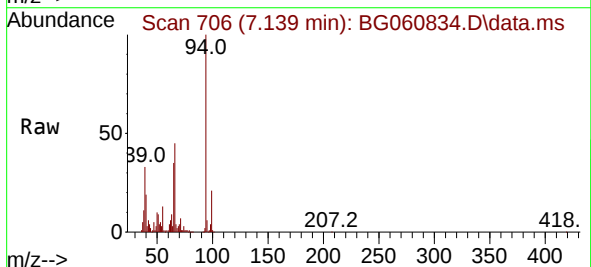
Tgt Ion: 77 Resp: 2912
Ion Ratio Lower Upper
77 100
105 89.5 76.0 116.0
106 89.0 70.3 110.3

Manual Integrations
APPROVED

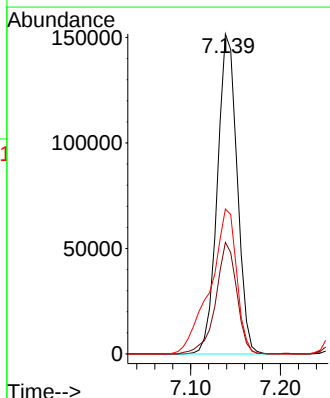
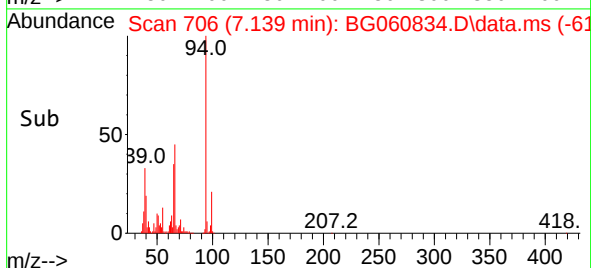
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#10
Phenol
Concen: 48.120 ng
RT: 7.139 min Scan# 706
Delta R.T. -0.000 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37



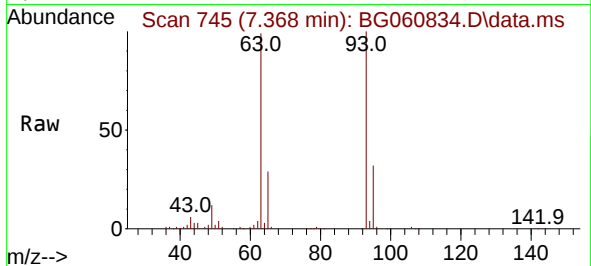
Tgt Ion: 94 Resp: 231786
Ion Ratio Lower Upper
94 100
65 34.8 13.3 53.3
66 45.3 22.9 62.9





#11
bis(2-Chloroethyl)ether
Concen: 41.030 ng
RT: 7.368 min Scan# 748
Delta R.T. -0.018 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

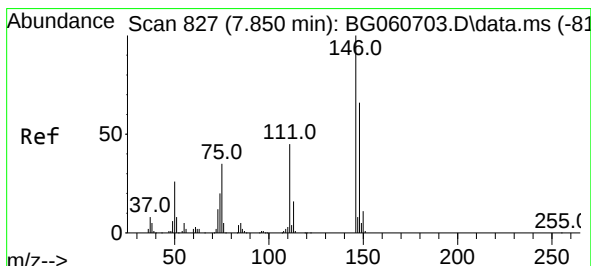
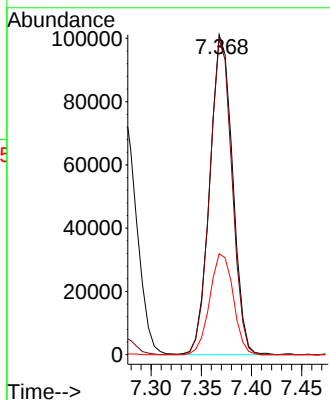
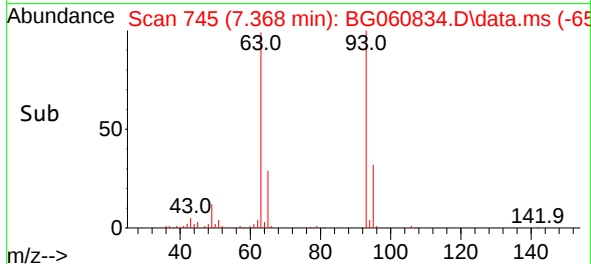
Instrument :
BNA_G
ClientSampleId :
PB160074BSD



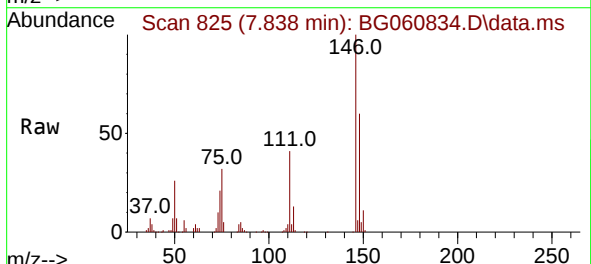
Tgt Ion: 93 Resp: 159562
Ion Ratio Lower Upper
93 100
63 98.7 73.7 113.7
95 31.5 11.2 51.2

Manual Integrations
APPROVED

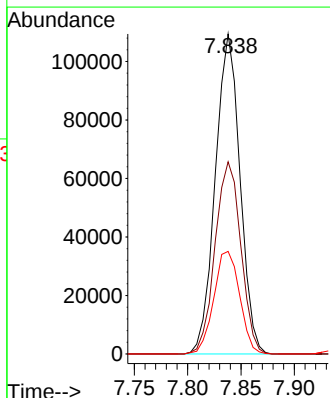
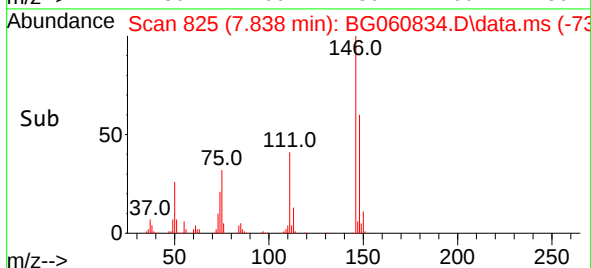
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#12
1,3-Dichlorobenzene
Concen: 46.955 ng
RT: 7.838 min Scan# 825
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37



Tgt Ion:146 Resp: 176019
Ion Ratio Lower Upper
146 100
148 60.0 53.0 79.4
75 32.0 28.1 42.1





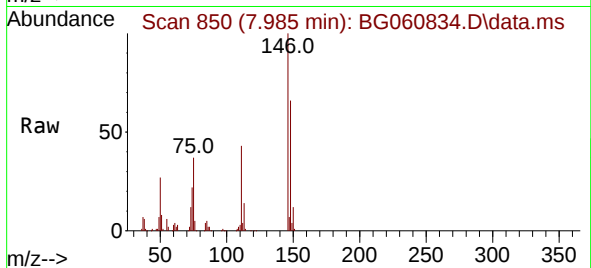
#13
1,4-Dichlorobenzene
Concen: 46.891 ng
RT: 7.985 min Scan# 811
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

Instrument :

BNA_G

ClientSampleId :

PB160074BSD

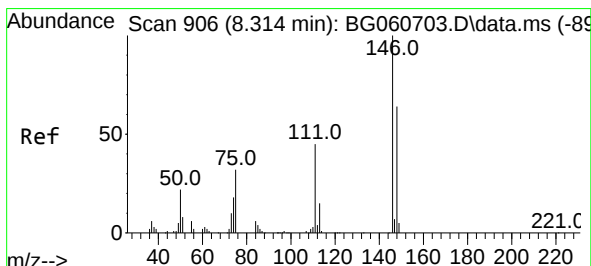
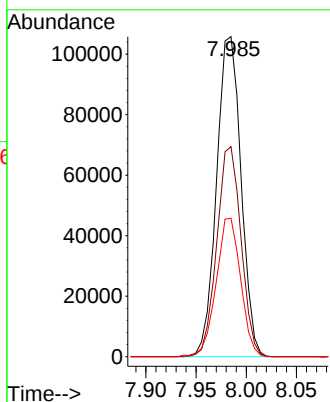
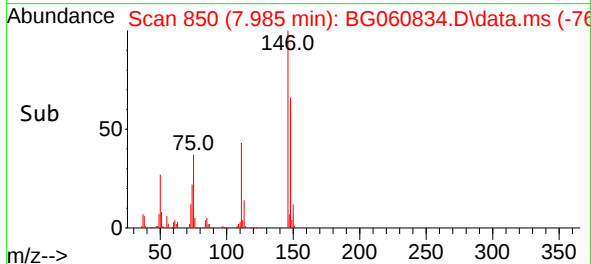


Tgt Ion:146 Resp: 17933
Ion Ratio Lower Upper
146 100
148 65.7 51.1 76.7
111 43.3 35.0 52.6

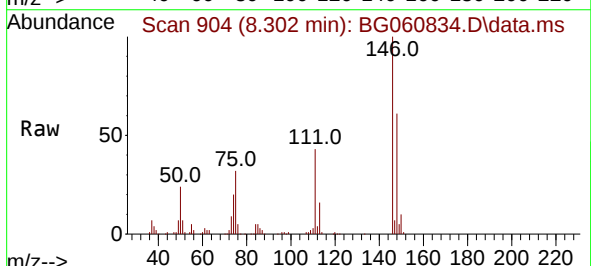
Manual Integrations

APPROVED

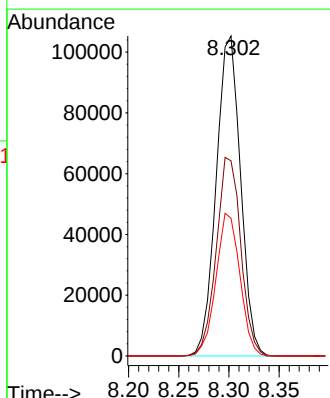
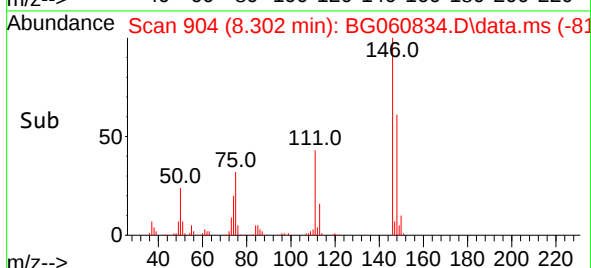
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#14
1,2-Dichlorobenzene
Concen: 47.468 ng
RT: 8.302 min Scan# 904
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37



Tgt Ion:146 Resp: 177905
Ion Ratio Lower Upper
146 100
148 61.0 51.0 76.6
111 43.0 36.0 54.0





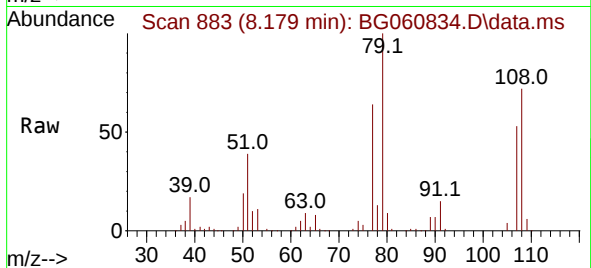
#15
Benzyl Alcohol
Concen: 46.485 ng
RT: 8.179 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

Instrument :

BNA_G

ClientSampleId :

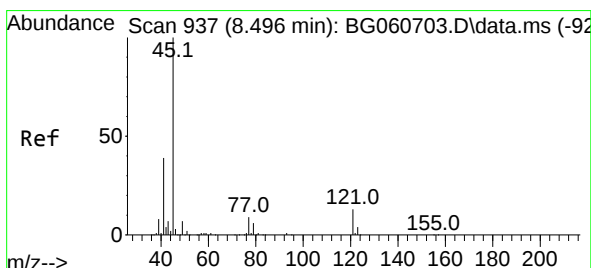
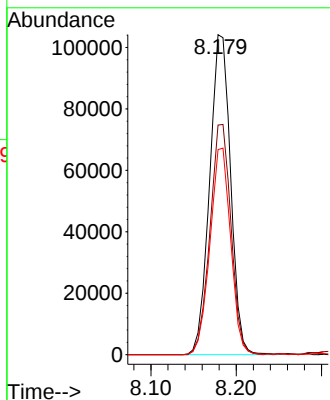
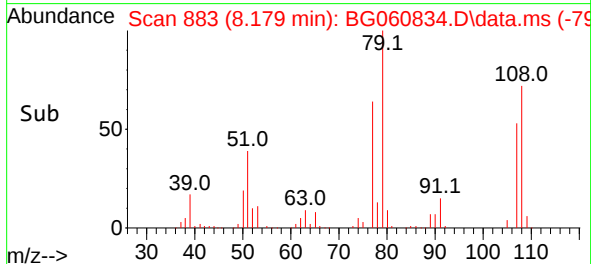
PB160074BSD



Tgt Ion: 79 Resp: 177719
Ion Ratio Lower Upper
79 100
108 71.7 61.4 92.0
77 64.1 53.6 80.4

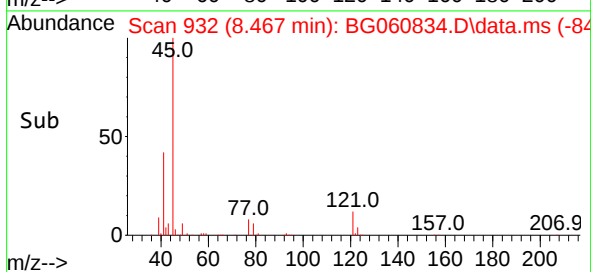
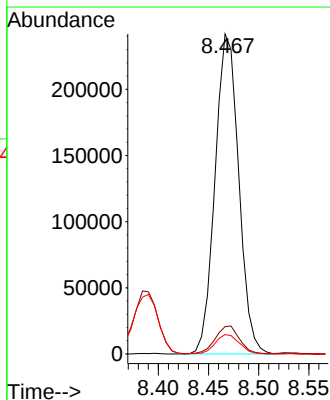
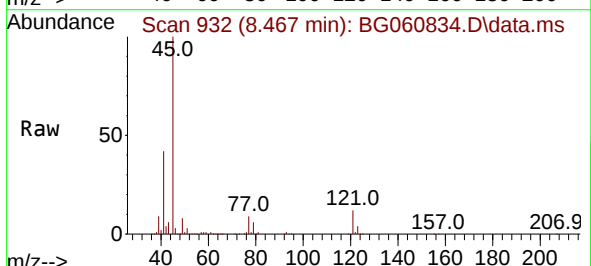
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.181 ng
RT: 8.467 min Scan# 932
Delta R.T. -0.030 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

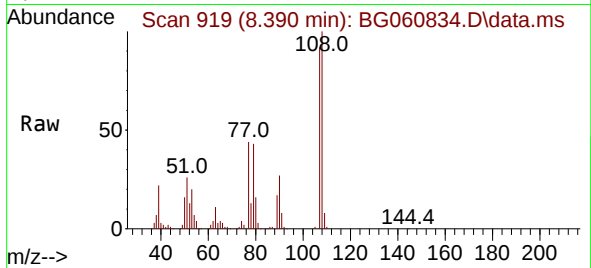
Tgt Ion: 45 Resp: 396535
Ion Ratio Lower Upper
45 100
77 8.5 0.0 29.1
79 6.0 0.0 26.5





#17
2-Methylphenol
Concen: 44.271 ng
RT: 8.390 min Scan# 919
Delta R.T. -0.000 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

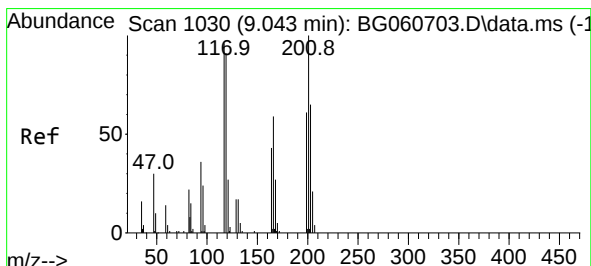
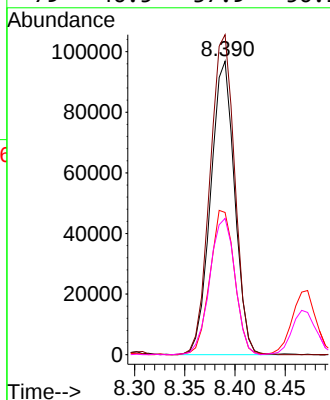
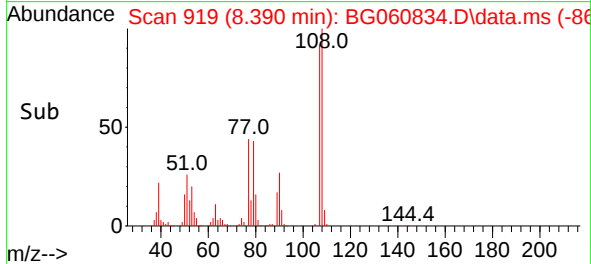
Instrument :
BNA_G
ClientSampleId :
PB160074BSD



Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.1	86.4	129.6
77	48.5	38.6	58.0
79	46.5	37.9	56.9

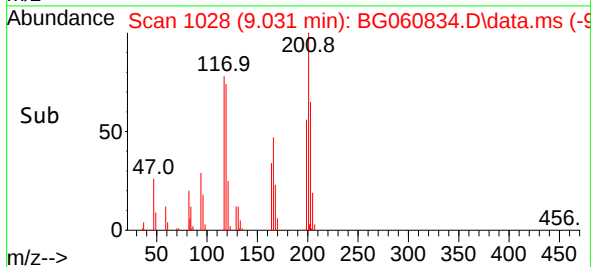
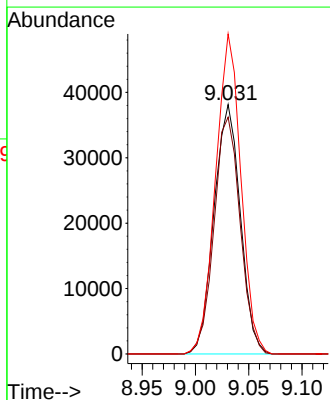
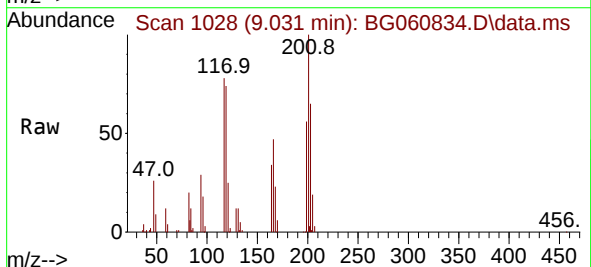
Manual Integrations
APPROVED

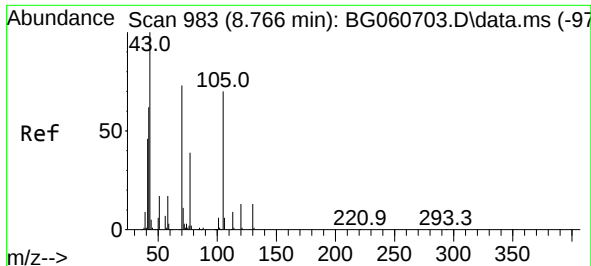
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#18
Hexachloroethane
Concen: 48.165 ng
RT: 9.031 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

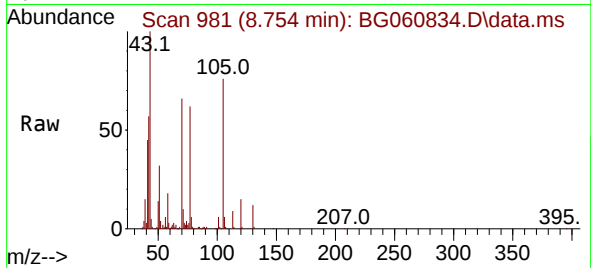
Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.7	113.5
201	128.3	83.4	125.2





#19
n-Nitroso-di-n-propylamine
Concen: 41.315 ng
RT: 8.754 min Scan# 91
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

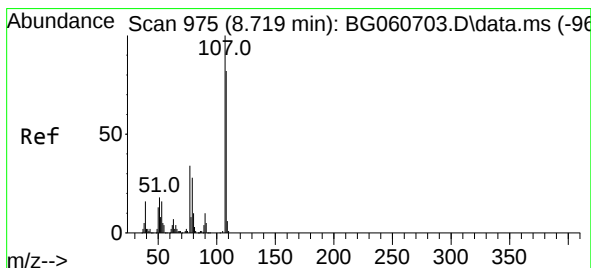
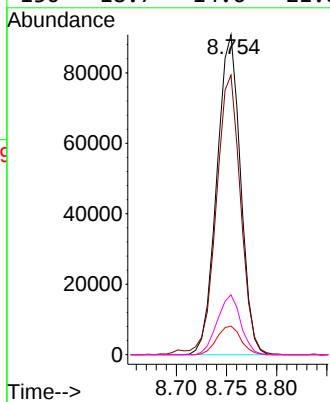
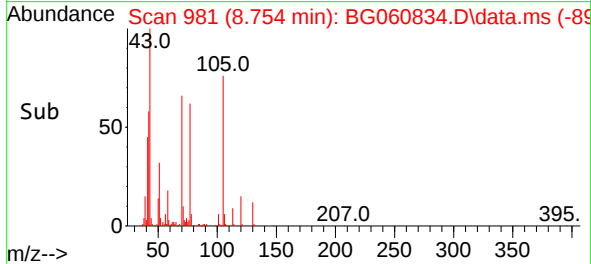
Instrument :
BNA_G
ClientSampleId :
PB160074BSD



Tgt Ion: 70 Resp: 14870
Ion Ratio Lower Upper
70 100
42 87.3 68.4 102.6
101 8.9 6.1 9.1
130 18.7 14.6 21.8

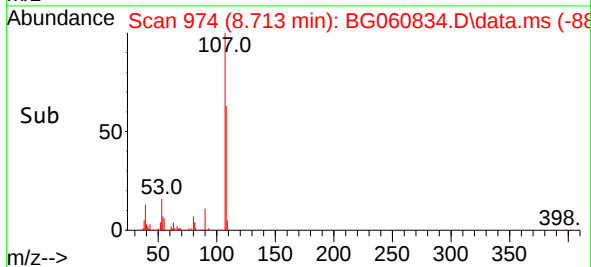
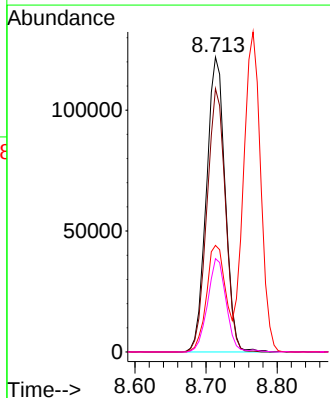
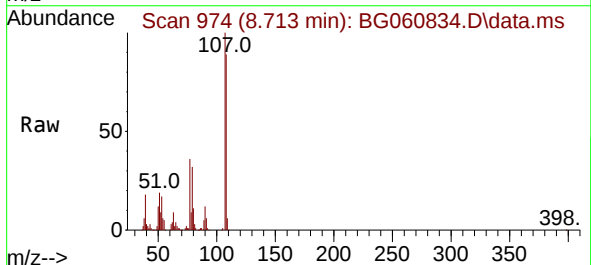
Manual Integrations
APPROVED

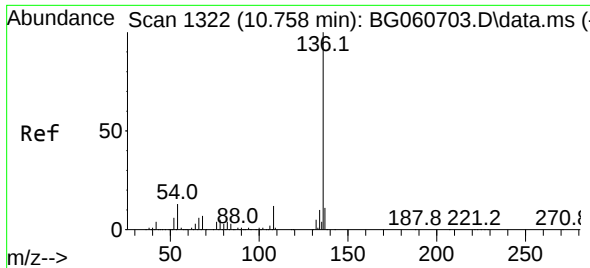
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#20
3+4-Methylphenols
Concen: 44.934 ng
RT: 8.713 min Scan# 974
Delta R.T. -0.006 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

Tgt Ion:107 Resp: 223745
Ion Ratio Lower Upper
107 100
108 89.3 62.2 102.2
77 36.2 14.1 54.1
79 31.6 7.7 47.7





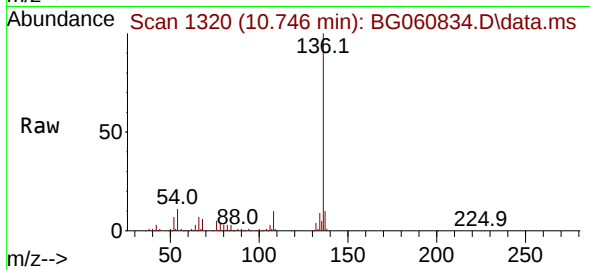
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

Instrument :

BNA_G

ClientSampleId :

PB160074BSD



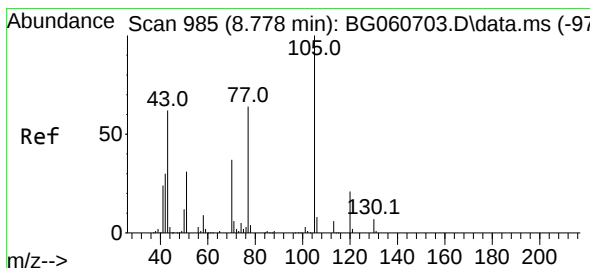
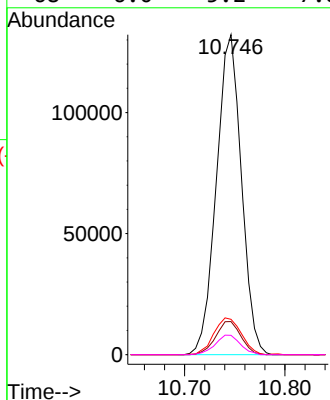
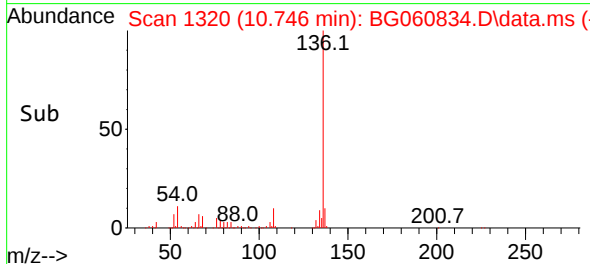
Tgt Ion:136 Resp: 22808
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 11.0 10.2 15.2
68 6.0 5.2 7.8

Manual Integrations

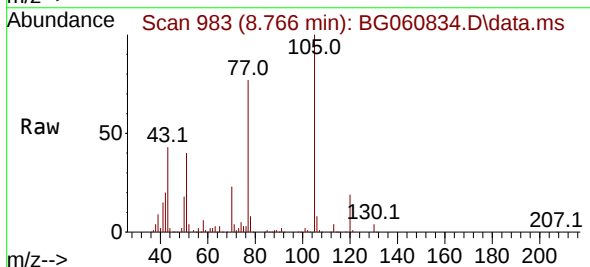
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

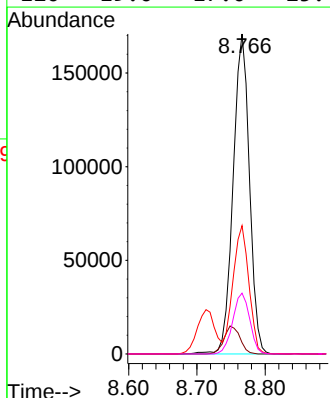
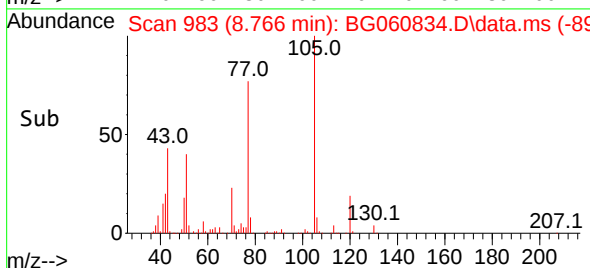
Supervised By :mohammad ahmed 04/10/2024

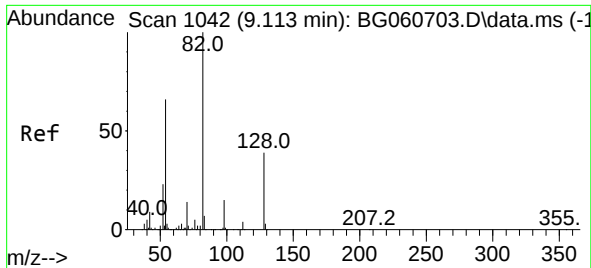


#22
Acetophenone
Concen: 45.197 ng
RT: 8.766 min Scan# 983
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37



Tgt Ion:105 Resp: 284251
Ion Ratio Lower Upper
105 100
71 3.6 4.9 7.3#
51 40.1 31.1 46.7
120 19.0 17.0 25.4





#23
Nitrobenzene-d5
Concen: 102.635 ng
RT: 9.101 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

Instrument :

BNA_G

ClientSampleId :

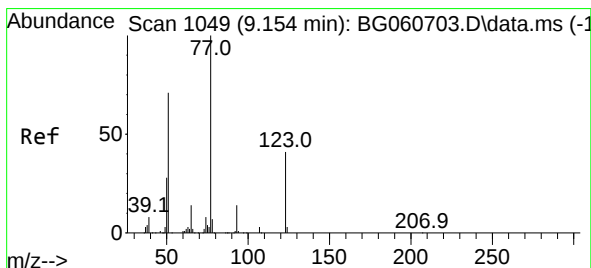
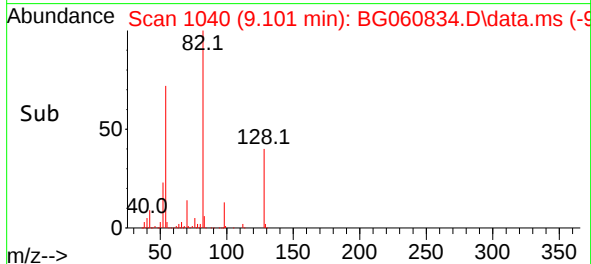
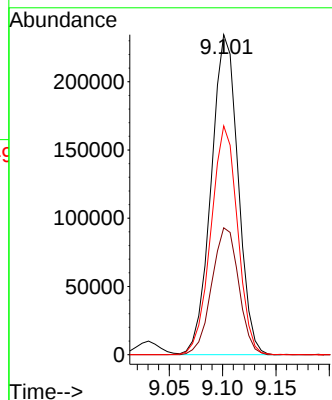
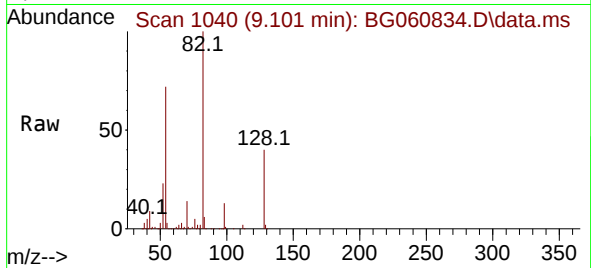
PB160074BSD

Tgt Ion: 82 Resp: 41025
Ion Ratio Lower Upper
82 100
128 39.7 31.2 46.8
54 71.5 53.2 79.8

Manual Integrations

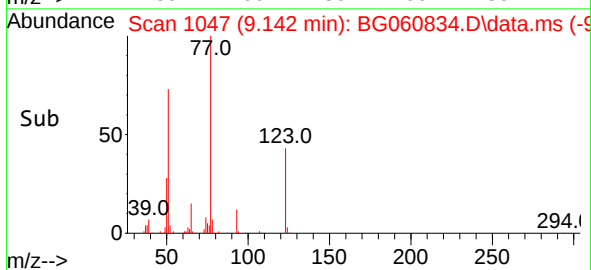
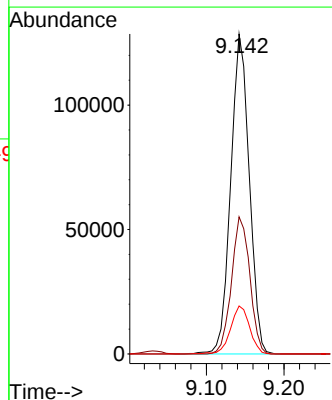
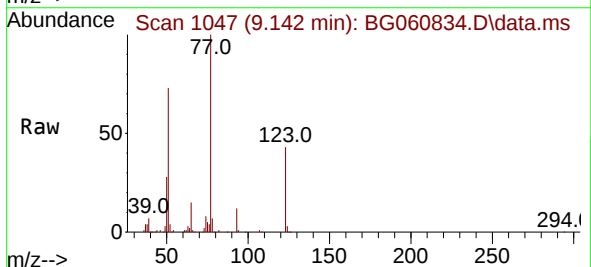
APPROVED

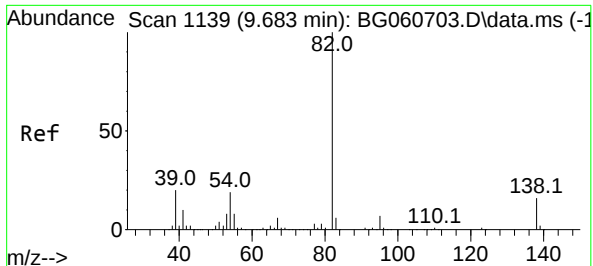
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#24
Nitrobenzene
Concen: 48.069 ng
RT: 9.142 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

Tgt Ion: 77 Resp: 213896
Ion Ratio Lower Upper
77 100
123 42.9 32.7 49.1
65 15.0 11.3 16.9





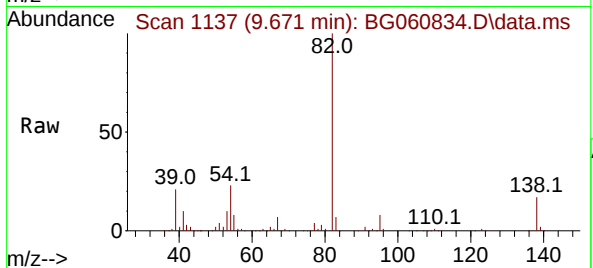
#25
Isophorone
Concen: 41.911 ng
RT: 9.671 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

Instrument :

BNA_G

ClientSampleId :

PB160074BSD



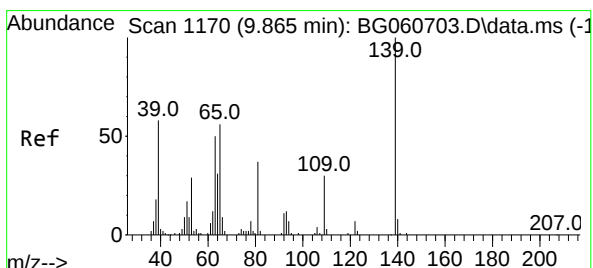
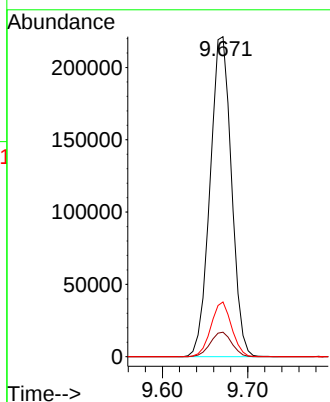
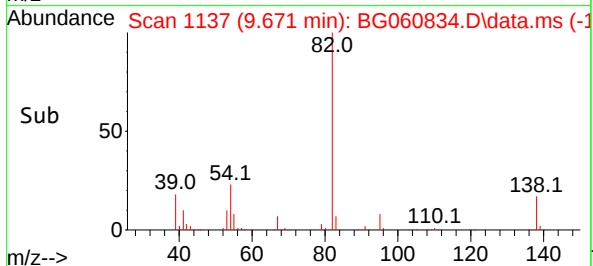
Tgt Ion: 82 Resp: 385860
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.8
138 17.1 13.0 19.4

Manual Integrations

APPROVED

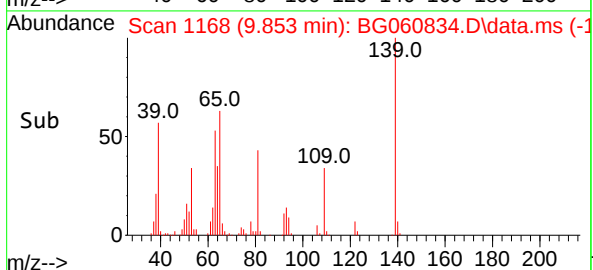
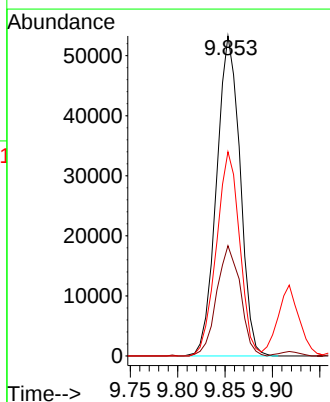
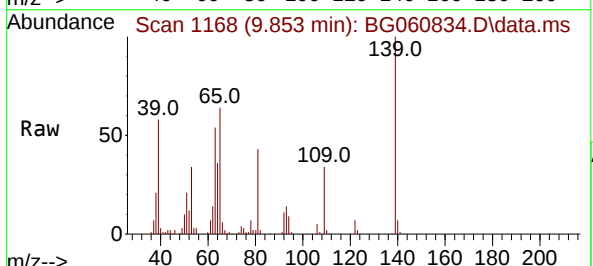
Reviewed By :Yogesh Patel 04/10/2024

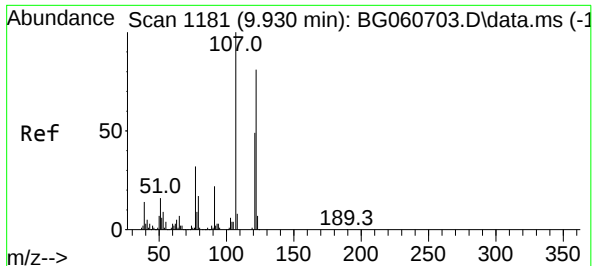
Supervised By :mohammad ahmed 04/10/2024



#26
2-Nitrophenol
Concen: 56.801 ng
RT: 9.853 min Scan# 1168
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

Tgt Ion:139 Resp: 91846
Ion Ratio Lower Upper
139 100
109 34.4 23.9 35.9
65 63.8 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 38.077 ng

RT: 9.918 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BG060834.D

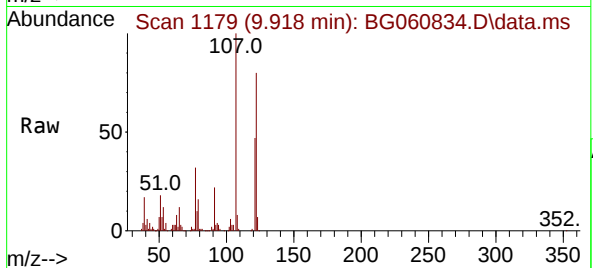
Acq: 8 Apr 2024 20:37

Instrument :

BNA_G

ClientSampleId :

PB160074BSD



Tgt Ion: 122 Resp: 14082

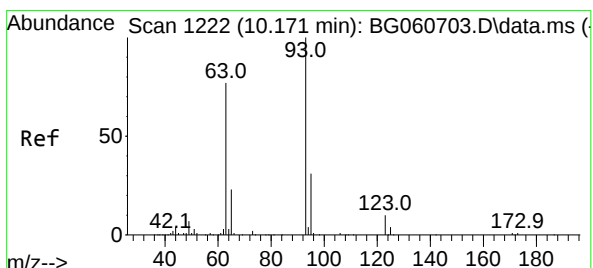
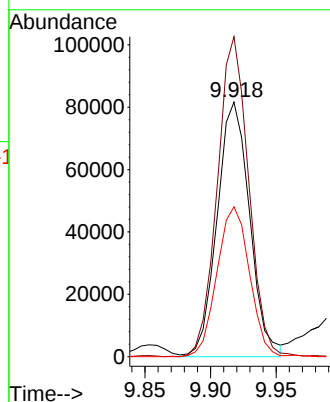
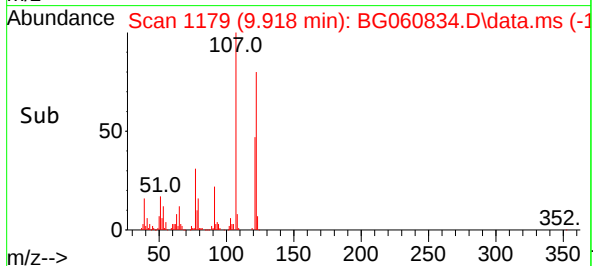
Ion	Ratio	Lower	Upper
122	100		
107	125.7	98.6	147.8
121	58.9	48.1	72.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#28

bis(2-Chloroethoxy)methane

Concen: 42.620 ng

RT: 10.153 min Scan# 1219

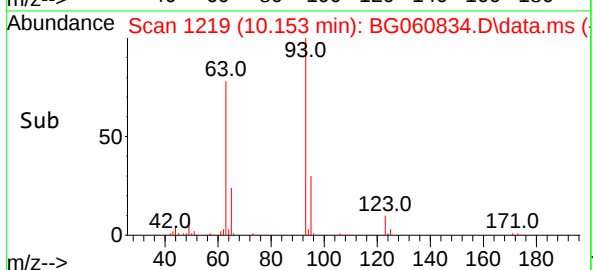
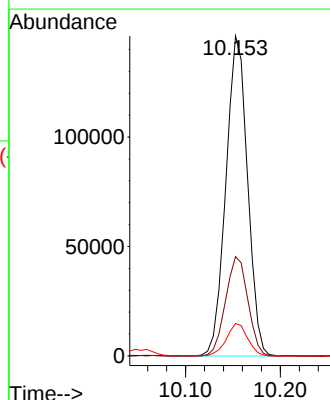
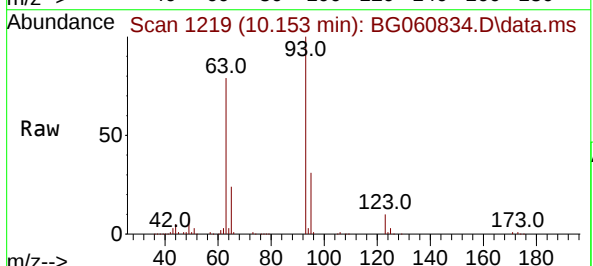
Delta R.T. -0.018 min

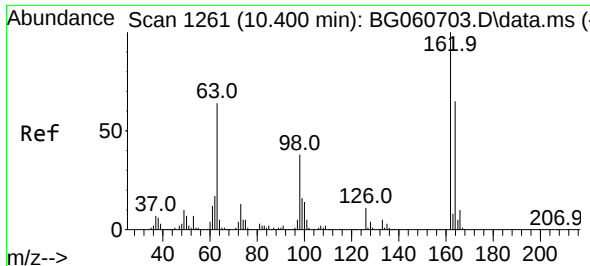
Lab File: BG060834.D

Acq: 8 Apr 2024 20:37

Tgt Ion: 93 Resp: 231660

Ion	Ratio	Lower	Upper
93	100		
95	31.1	25.1	37.7
123	10.2	8.0	12.0





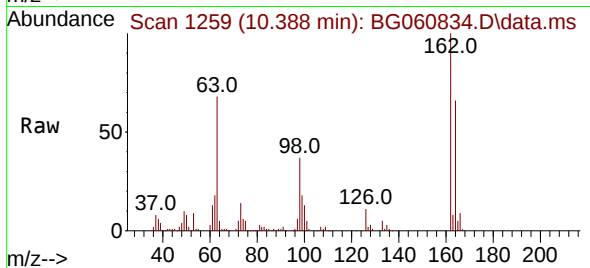
#29
2,4-Dichlorophenol
Concen: 54.283 ng
RT: 10.388 min Scan# 1259
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

Instrument :

BNA_G

ClientSampleId :

PB160074BSD



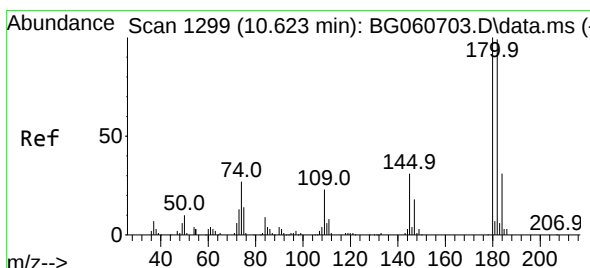
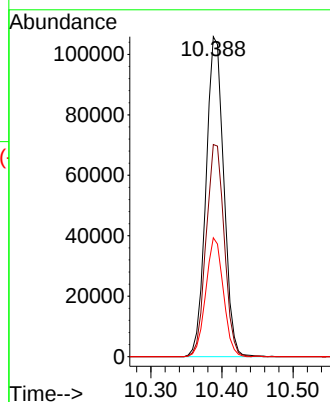
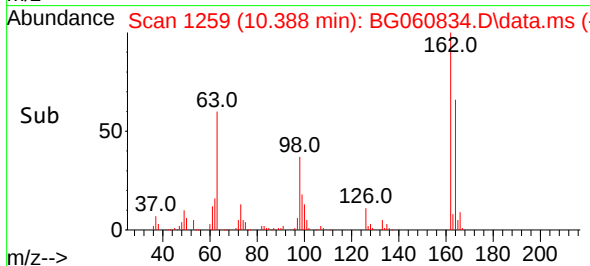
Tgt Ion:162 Resp: 184352
Ion Ratio Lower Upper
162 100
164 66.3 45.2 85.2
98 37.2 17.7 57.7

Manual Integrations

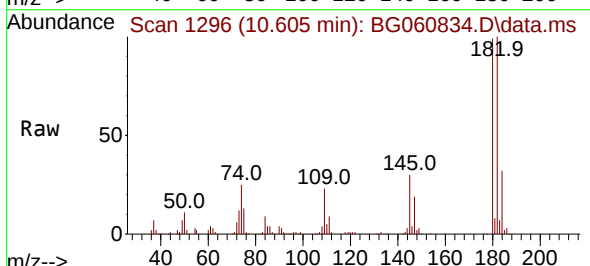
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

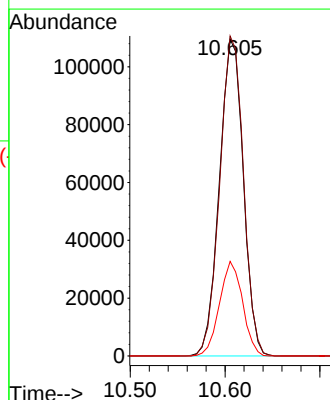
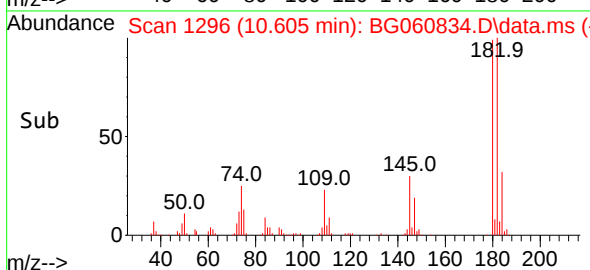
Supervised By :mohammad ahmed 04/10/2024

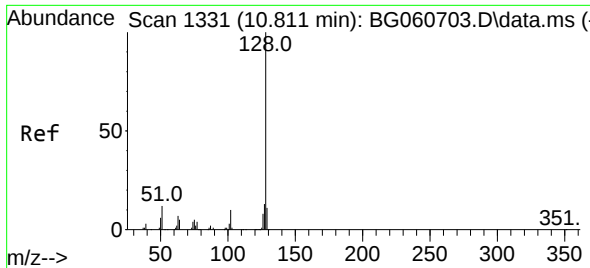


#30
1,2,4-Trichlorobenzene
Concen: 49.950 ng
RT: 10.605 min Scan# 1296
Delta R.T. -0.018 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37



Tgt Ion:180 Resp: 192086
Ion Ratio Lower Upper
180 100
182 101.0 79.0 118.4
145 29.8 24.9 37.3





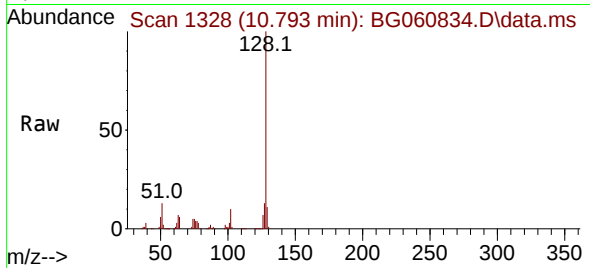
#31
Naphthalene
Concen: 44.101 ng
RT: 10.793 min Scan# 11
Delta R.T. -0.018 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

Instrument :

BNA_G

ClientSampleId :

PB160074BSD



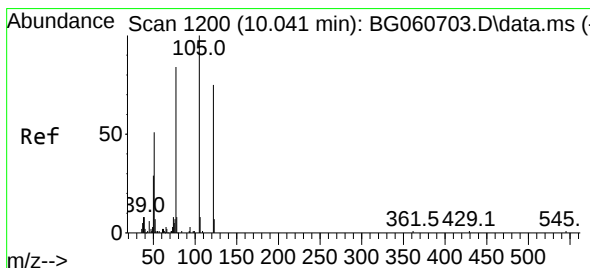
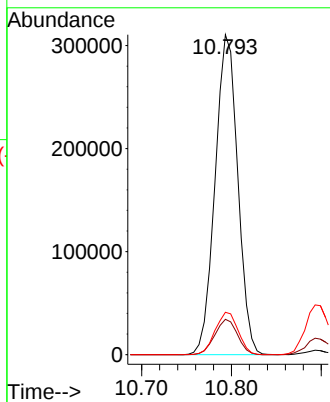
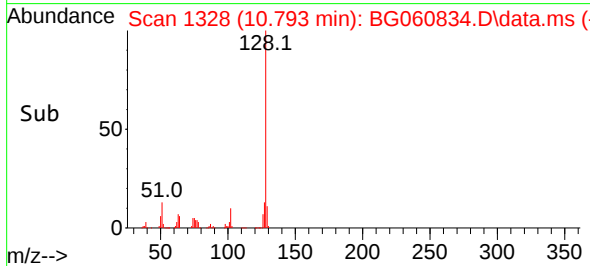
Tgt Ion:128 Resp: 544130
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.3 10.5 15.7

Manual Integrations

APPROVED

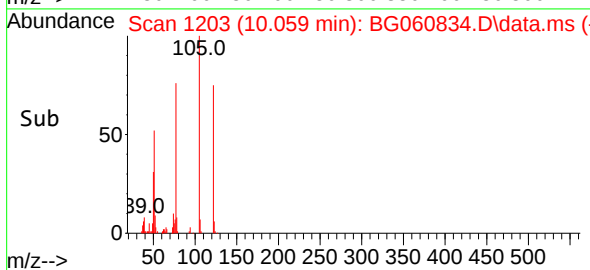
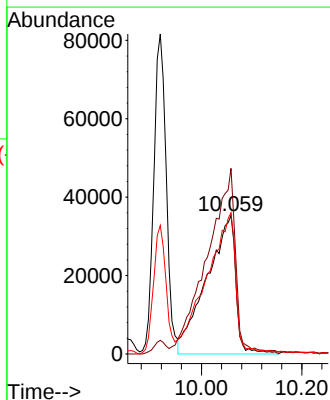
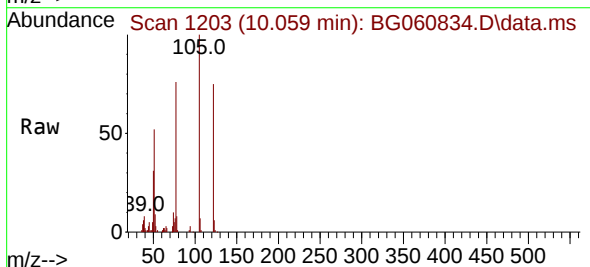
Reviewed By :Yogesh Patel 04/10/2024

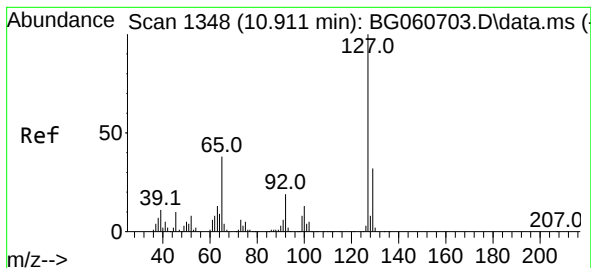
Supervised By :mohammad ahmed 04/10/2024



#32
Benzoic acid
Concen: 55.973 ng
RT: 10.059 min Scan# 1203
Delta R.T. 0.018 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

Tgt Ion:122 Resp: 140986
Ion Ratio Lower Upper
122 100
105 134.1 104.5 144.5
77 102.0 85.3 125.3





#33
4-Chloroaniline
Concen: 15.863 ng
RT: 10.893 min Scan# 11
Delta R.T. -0.018 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

Instrument :

BNA_G

ClientSampleId :

PB160074BSD

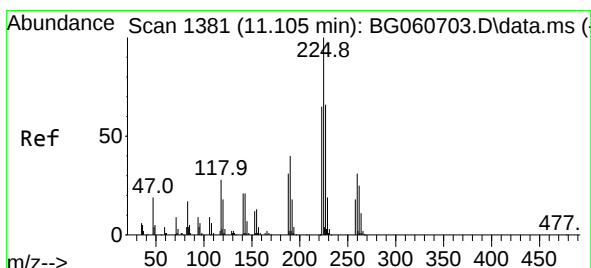
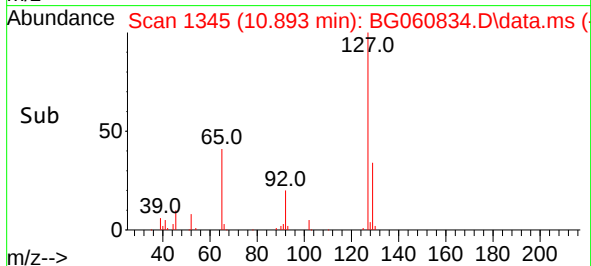
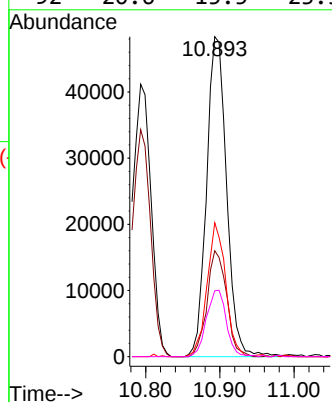
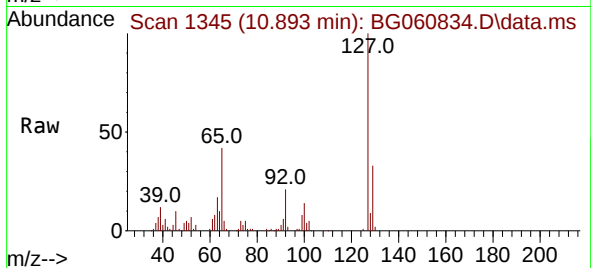
Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.3	37.9
65	41.8	30.2	45.2
92	20.6	15.5	23.3

Manual Integrations

APPROVED

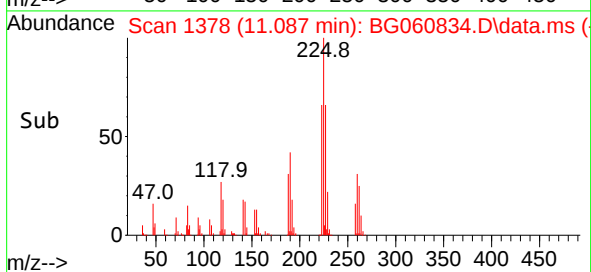
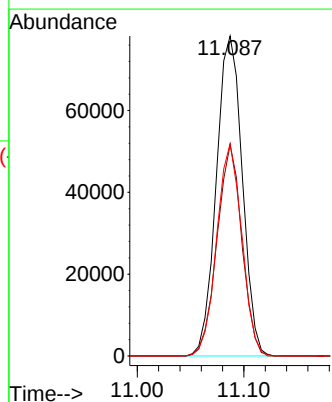
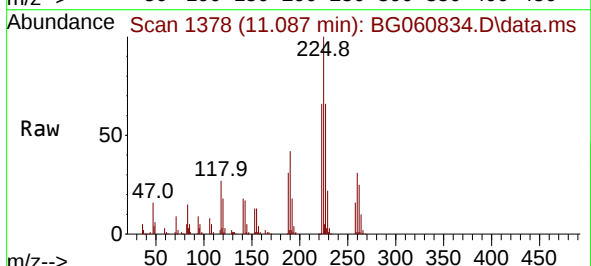
Reviewed By :Yogesh Patel 04/10/2024

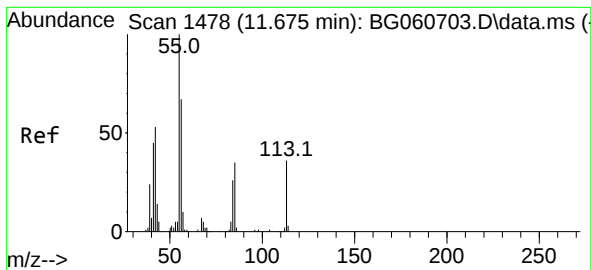
Supervised By :mohammad ahmed 04/10/2024



#34
Hexachlorobutadiene
Concen: 51.463 ng
RT: 11.087 min Scan# 1378
Delta R.T. -0.018 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

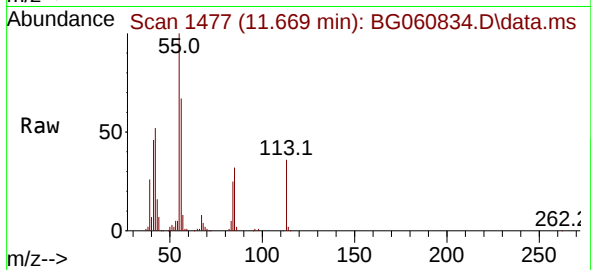
Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.1	52.0	78.0
227	66.3	52.5	78.7





#35
Caprolactam
Concen: 48.527 ng m
RT: 11.669 min Scan# 1477
Delta R.T. -0.006 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

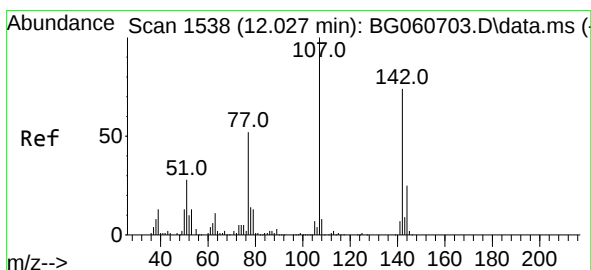
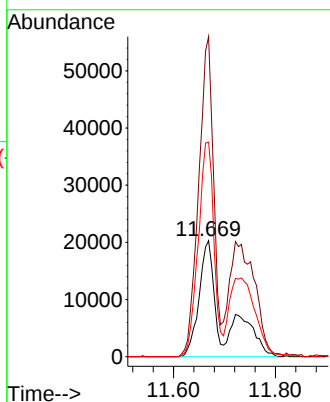
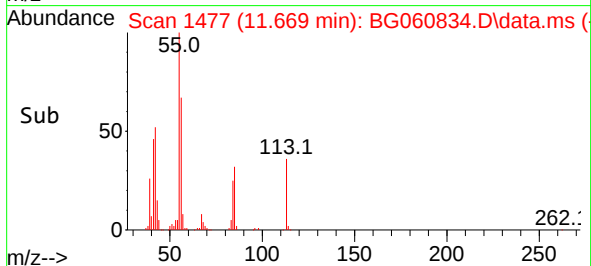
Instrument :
BNA_G
ClientSampleId :
PB160074BSD



Tgt Ion:113 Resp: 65272
Ion Ratio Lower Upper
113 100
55 276.0 258.0 298.0
56 184.9 166.3 206.3

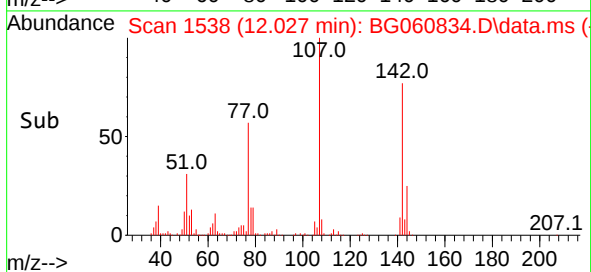
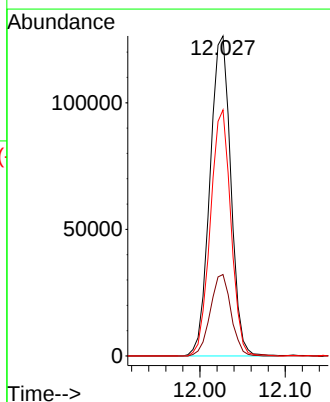
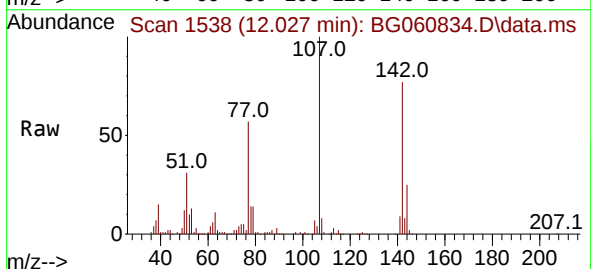
Manual Integrations
APPROVED

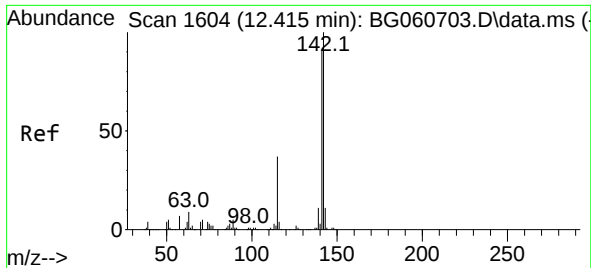
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#36
4-Chloro-3-methylphenol
Concen: 49.483 ng
RT: 12.027 min Scan# 1538
Delta R.T. -0.000 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

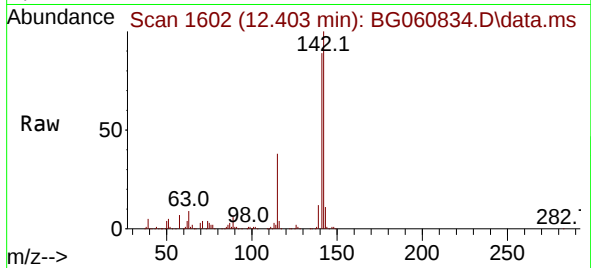
Tgt Ion:107 Resp: 214676
Ion Ratio Lower Upper
107 100
144 25.4 20.0 30.0
142 76.9 59.2 88.8





#37
2-Methylnaphthalene
Concen: 43.663 ng
RT: 12.403 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

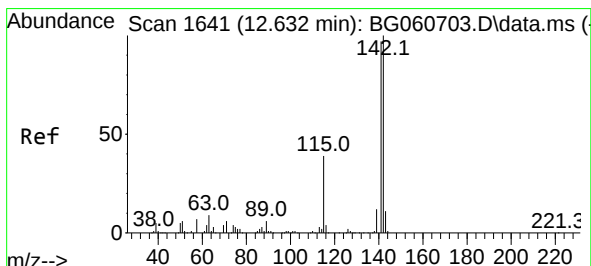
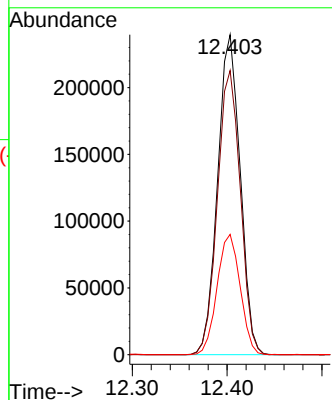
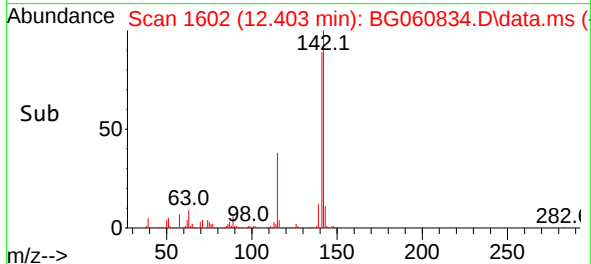
Instrument :
BNA_G
ClientSampleId :
PB160074BSD



Tgt Ion:142 Resp: 396068
Ion Ratio Lower Upper
142 100
141 88.8 72.7 109.1
115 37.6 29.9 44.9

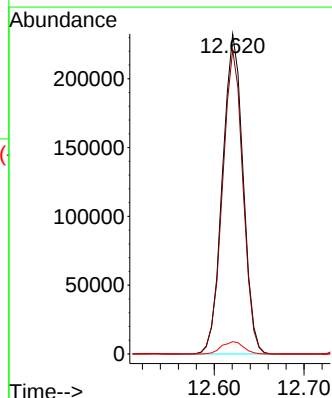
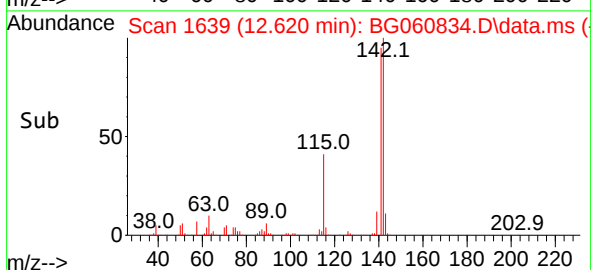
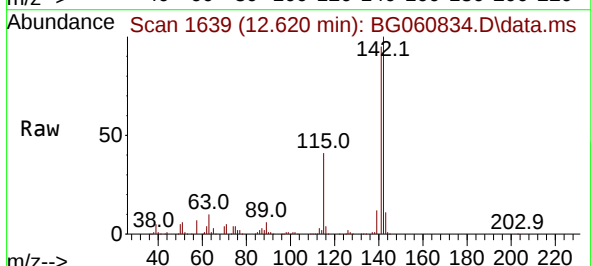
Manual Integrations
APPROVED

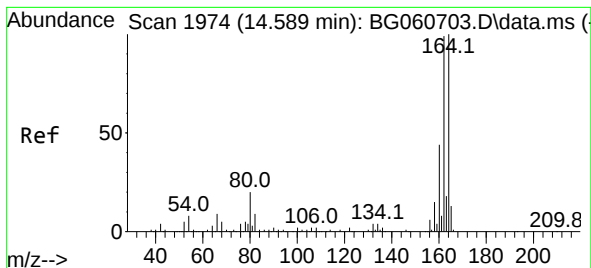
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#38
1-Methylnaphthalene
Concen: 43.187 ng
RT: 12.620 min Scan# 1639
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

Tgt Ion:142 Resp: 370078
Ion Ratio Lower Upper
142 100
141 95.0 77.7 116.5
116 3.9 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.577 min Scan# 1974

Delta R.T. -0.012 min

Lab File: BG060834.D

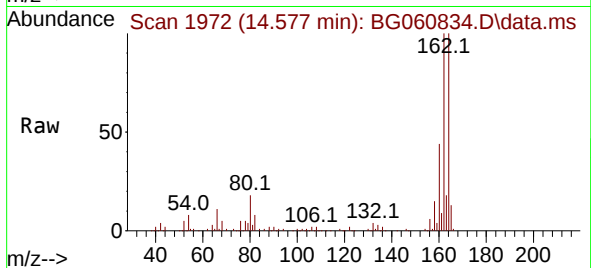
Acq: 8 Apr 2024 20:37

Instrument :

BNA_G

ClientSampleId :

PB160074BSD



Tgt Ion:164 Resp: 180040

Ion Ratio Lower Upper

164 100

162 99.8 79.5 119.3

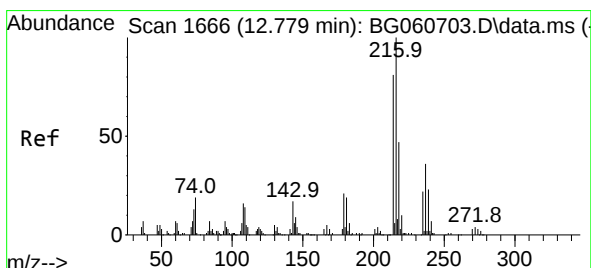
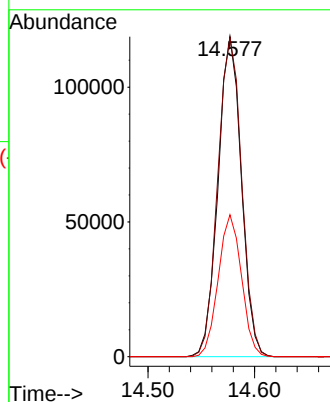
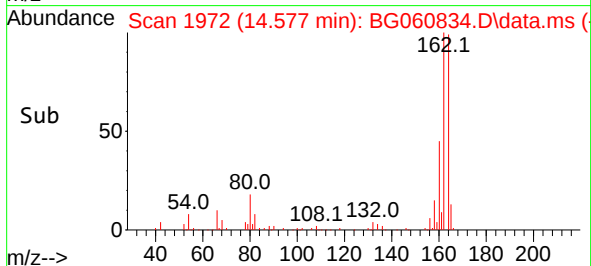
160 44.4 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.453 ng

RT: 12.767 min Scan# 1664

Delta R.T. -0.012 min

Lab File: BG060834.D

Acq: 8 Apr 2024 20:37

Tgt Ion:216 Resp: 250797

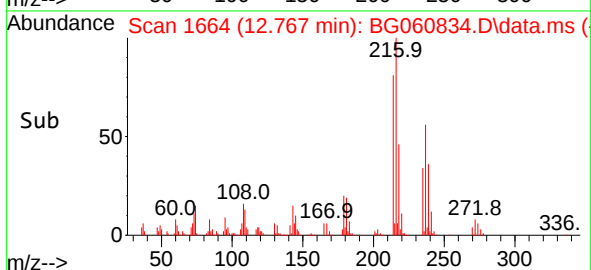
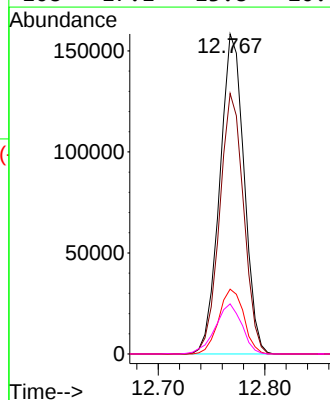
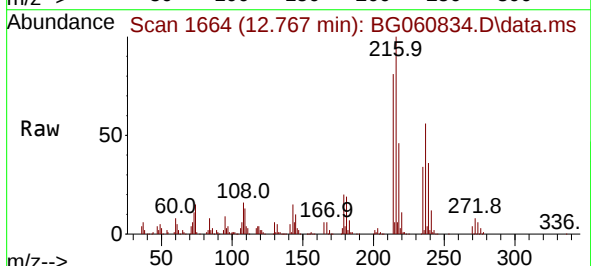
Ion Ratio Lower Upper

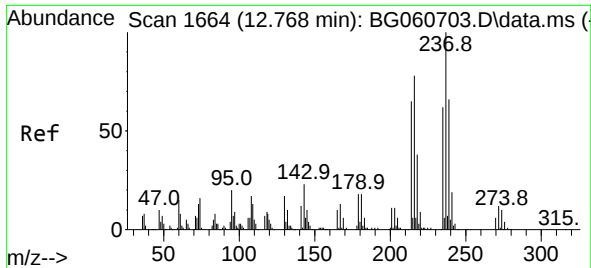
216 100

214 80.4 63.1 94.7

179 20.8 16.7 25.1

108 17.1 13.8 20.6





#41
Hexachlorocyclopentadiene
Concen: 113.443 ng
RT: 12.756 min Scan# 1662
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

Instrument :

BNA_G

ClientSampleId :

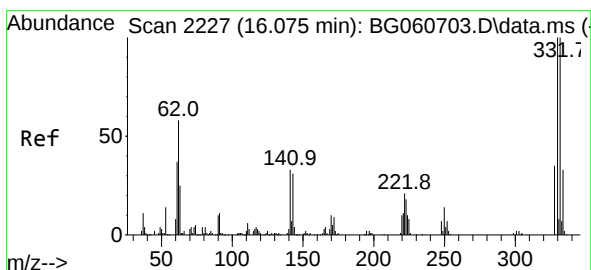
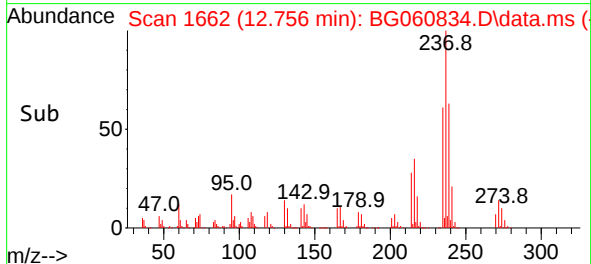
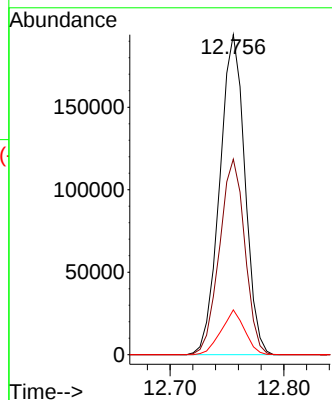
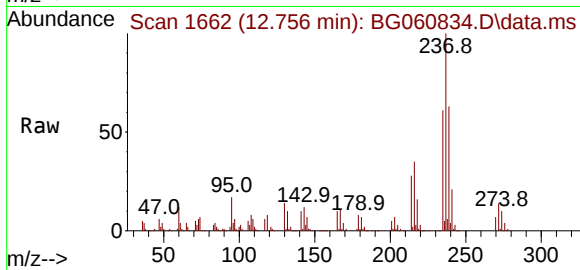
PB160074BSD

Tgt Ion:237 Resp: 29857
Ion Ratio Lower Upper
237 100
235 61.1 42.0 82.0
272 14.0 0.0 32.4

Manual Integrations

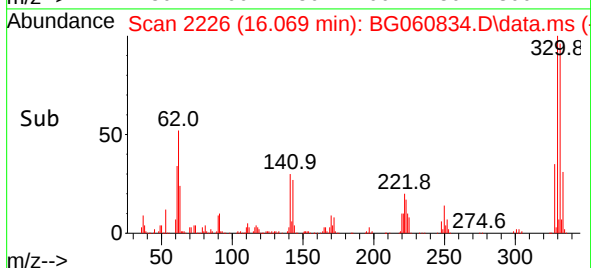
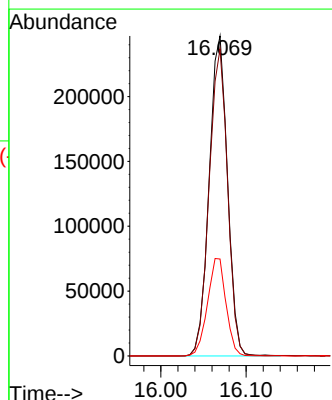
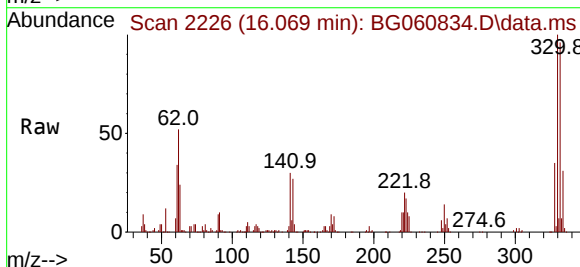
APPROVED

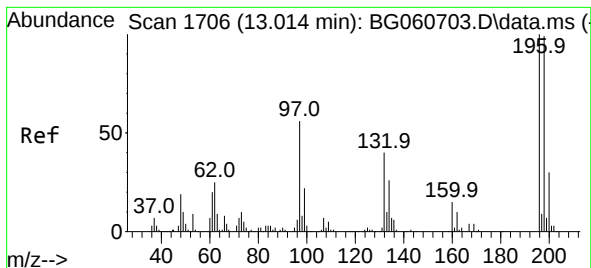
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#42
2,4,6-Tribromophenol
Concen: 180.285 ng
RT: 16.069 min Scan# 2226
Delta R.T. -0.006 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

Tgt Ion:330 Resp: 368469
Ion Ratio Lower Upper
330 100
332 96.1 78.2 117.4
141 30.8 27.0 40.6





#43

2,4,6-Trichlorophenol

Concen: 53.460 ng

RT: 13.008 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG060834.D

Acq: 8 Apr 2024 20:37

Instrument :

BNA_G

ClientSampleId :

PB160074BSD

Tgt Ion:196 Resp: 17818

Ion Ratio Lower Upper

196 100

198 98.0 79.1 118.7

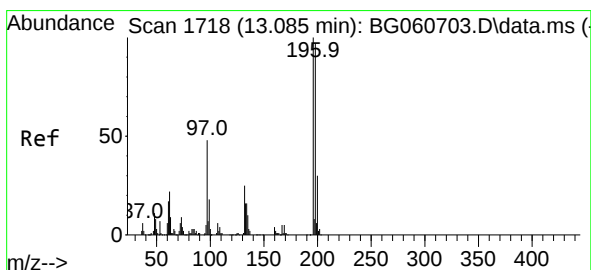
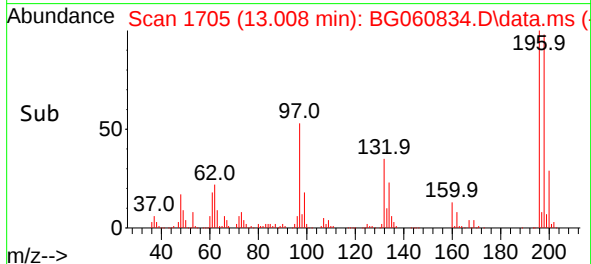
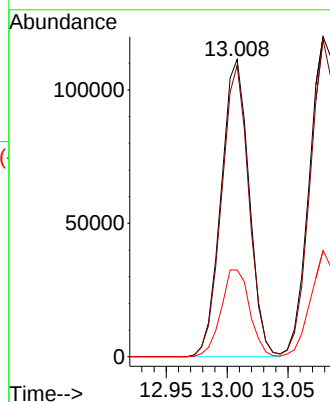
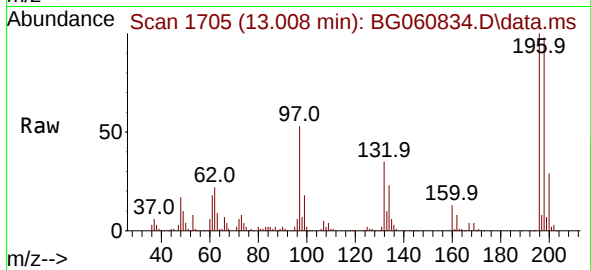
200 29.2 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#44

2,4,5-Trichlorophenol

Concen: 50.002 ng

RT: 13.079 min Scan# 1717

Delta R.T. -0.006 min

Lab File: BG060834.D

Acq: 8 Apr 2024 20:37

Tgt Ion:196 Resp: 198883

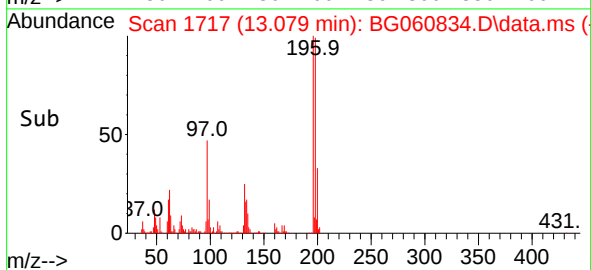
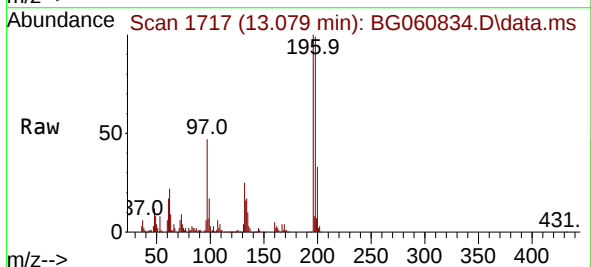
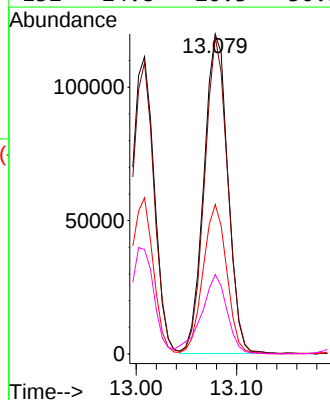
Ion Ratio Lower Upper

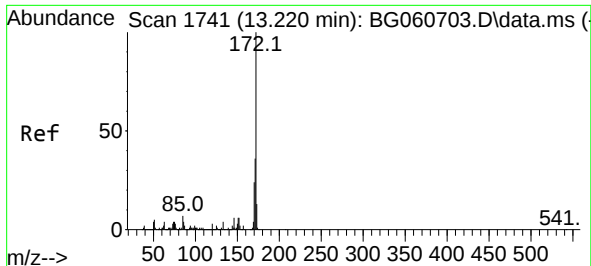
196 100

198 99.1 77.8 116.8

97 46.7 38.2 57.4

132 24.8 20.3 30.5





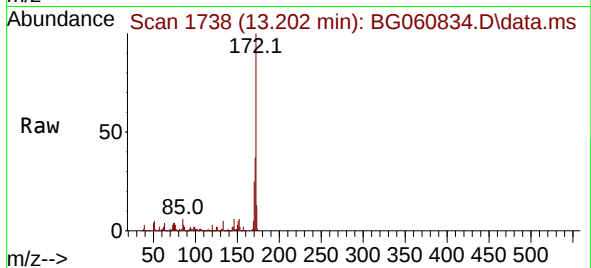
#45
2-Fluorobiphenyl
Concen: 85.932 ng
RT: 13.202 min Scan# 1738
Delta R.T. -0.018 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

Instrument :

BNA_G

ClientSampleId :

PB160074BSD



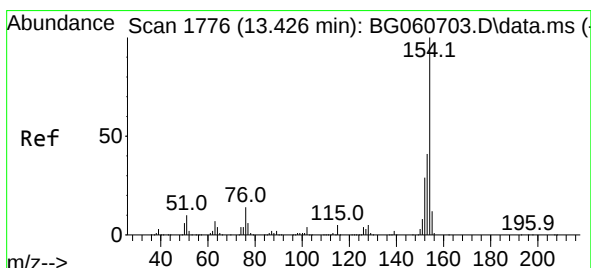
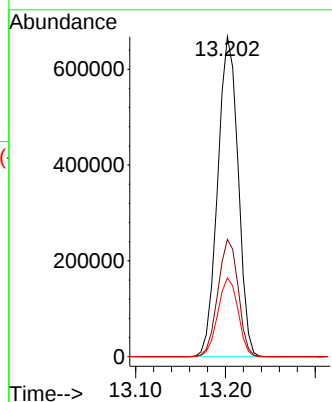
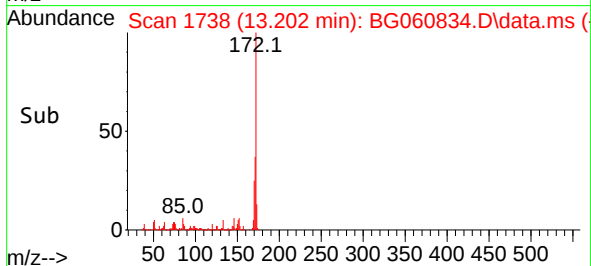
Tgt Ion:172 Resp: 1054190
Ion Ratio Lower Upper
172 100
171 36.7 28.7 43.1
170 24.7 19.4 29.0

Manual Integrations

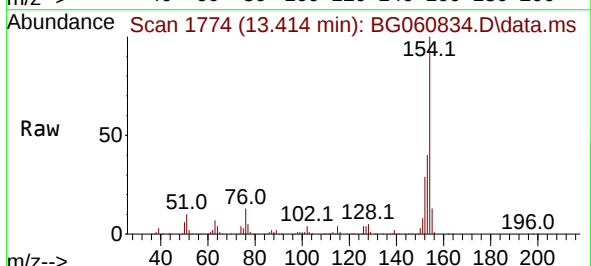
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

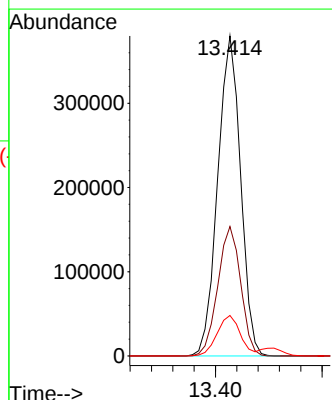
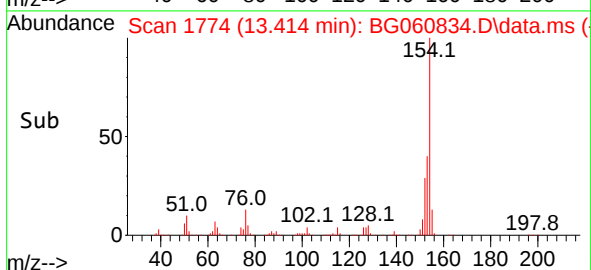
Supervised By :mohammad ahmed 04/10/2024

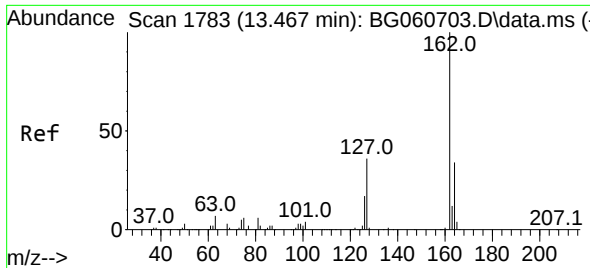


#46
1,1'-Biphenyl
Concen: 44.336 ng
RT: 13.414 min Scan# 1774
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37



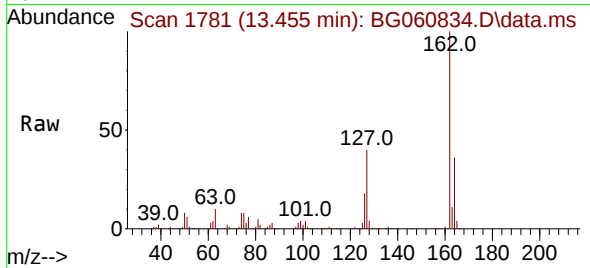
Tgt Ion:154 Resp: 563839
Ion Ratio Lower Upper
154 100
153 40.4 20.8 60.8
76 12.6 0.0 33.9





#47
2-Chloronaphthalene
Concen: 45.841 ng
RT: 13.455 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

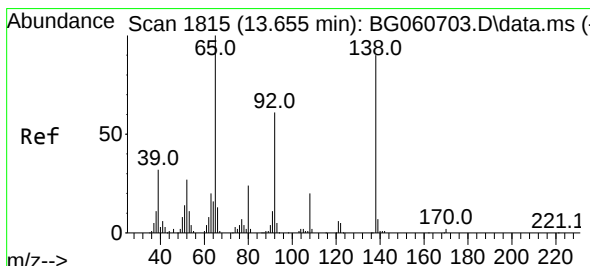
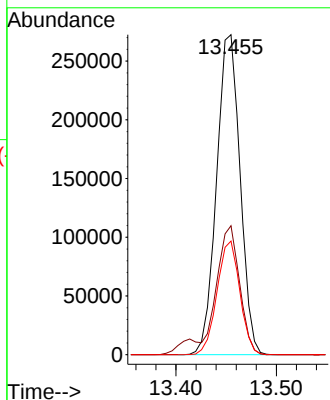
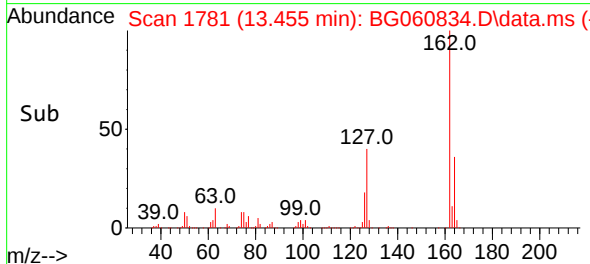
Instrument :
BNA_G
ClientSampleId :
PB160074BSD



Tgt Ion:162 Resp: 44292
Ion Ratio Lower Upper
162 100
127 40.3 30.6 46.0
164 35.5 26.9 40.3

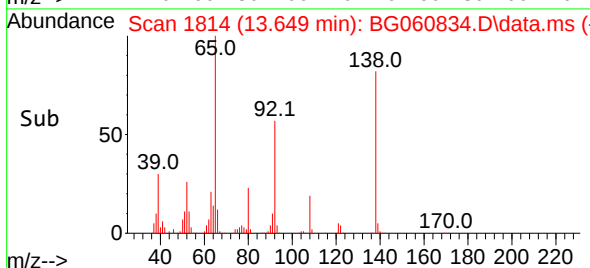
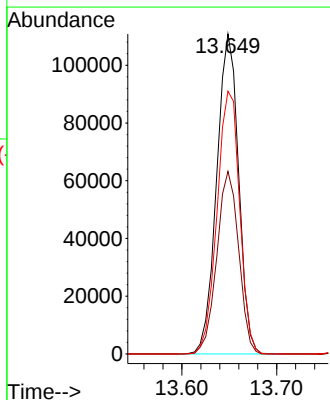
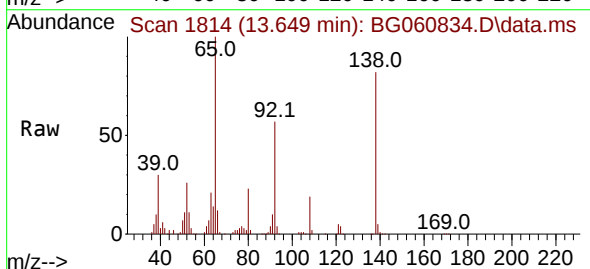
Manual Integrations
APPROVED

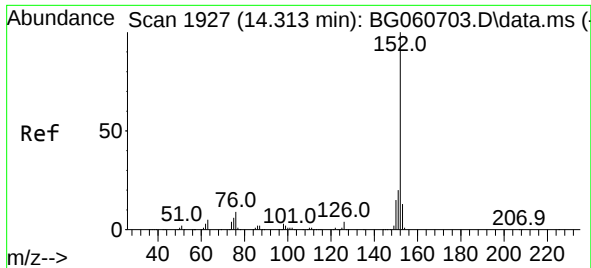
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#48
2-Nitroaniline
Concen: 55.252 ng
RT: 13.649 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

Tgt Ion: 65 Resp: 177548
Ion Ratio Lower Upper
65 100
92 57.1 48.6 72.8
138 82.1 72.2 108.4





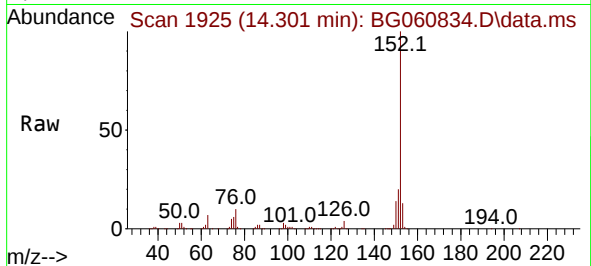
#49
Acenaphthylene
Concen: 47.075 ng
RT: 14.301 min Scan# 1925
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

Instrument :

BNA_G

ClientSampleId :

PB160074BSD



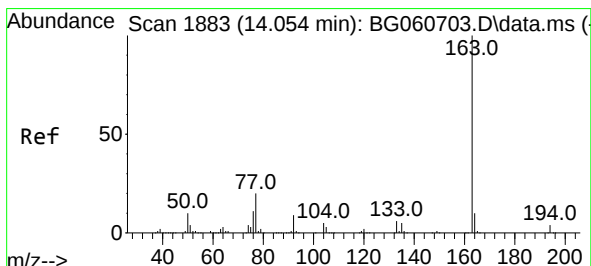
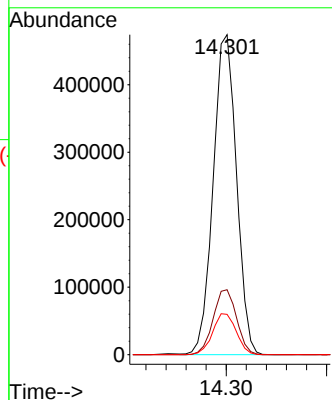
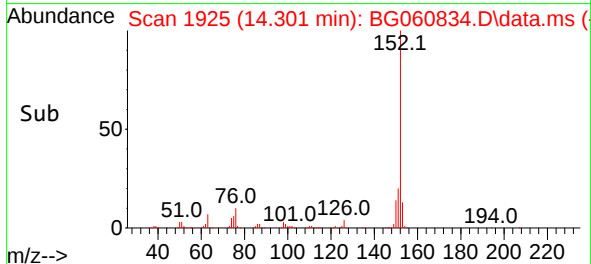
Tgt Ion:152 Resp: 76425
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 12.6 10.5 15.7

Manual Integrations

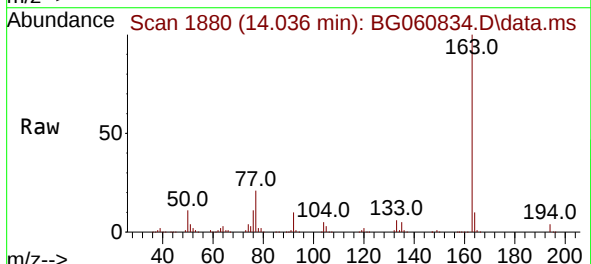
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

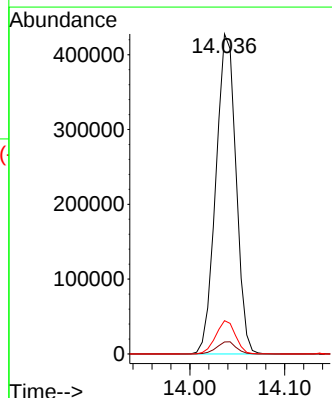
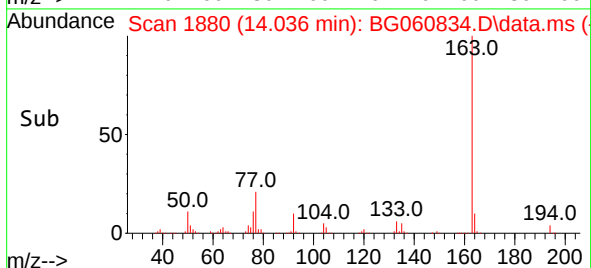
Supervised By :mohammad ahmed 04/10/2024

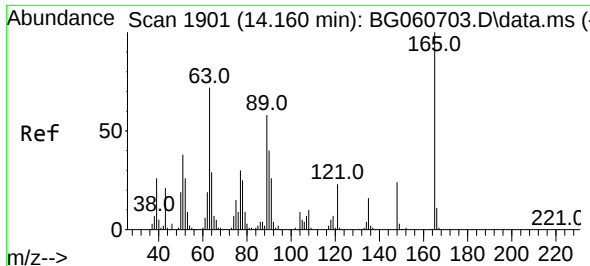


#50
Dimethylphthalate
Concen: 44.359 ng
RT: 14.036 min Scan# 1880
Delta R.T. -0.018 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37



Tgt Ion:163 Resp: 631278
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.4 7.9 11.9





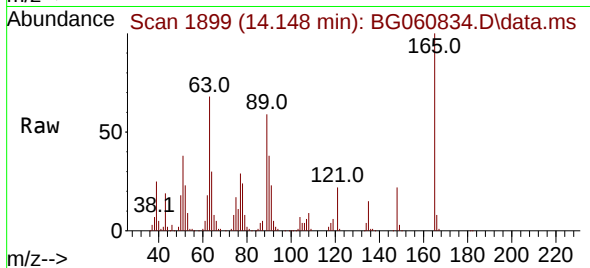
#51
2,6-Dinitrotoluene
Concen: 51.702 ng
RT: 14.148 min Scan# 1899
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

Instrument :

BNA_G

ClientSampleId :

PB160074BSD

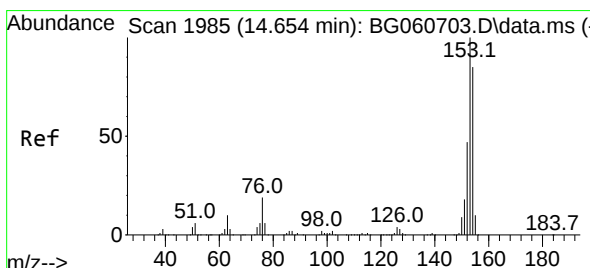
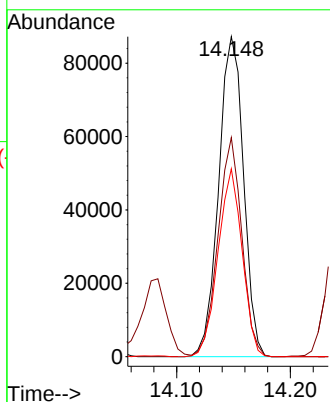
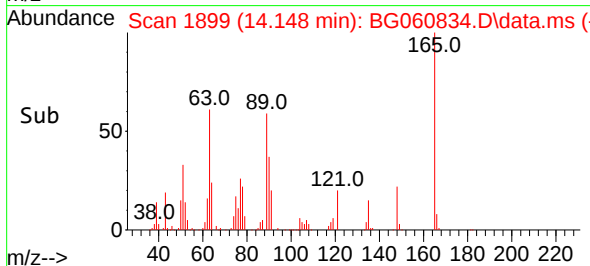


Tgt Ion:165 Resp: 132470
Ion Ratio Lower Upper
165 100
63 68.4 58.2 87.4
89 58.7 46.1 69.1

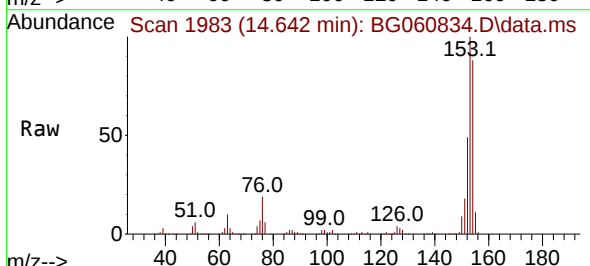
Manual Integrations

APPROVED

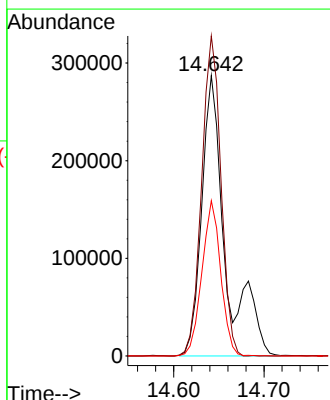
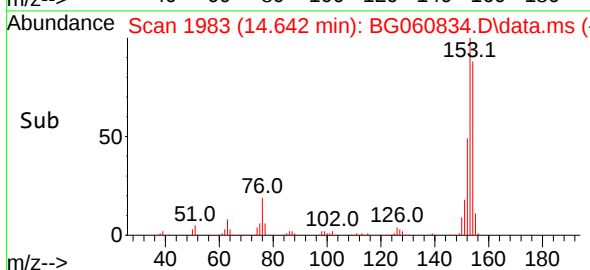
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

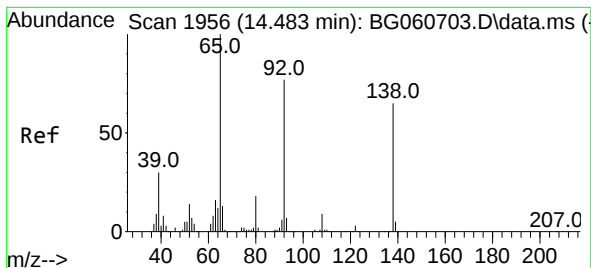


#52
Acenaphthene
Concen: 51.792 ng m
RT: 14.642 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37



Tgt Ion:154 Resp: 527932
Ion Ratio Lower Upper
154 100
153 114.1 93.9 140.9
152 55.4 44.1 66.1





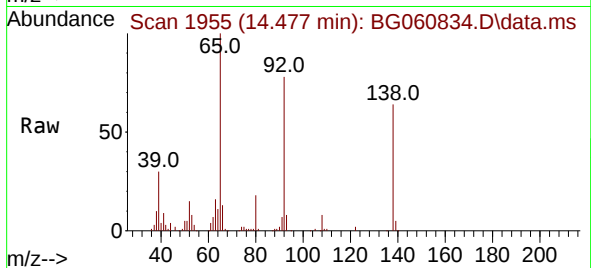
#53
3-Nitroaniline
Concen: 29.570 ng
RT: 14.477 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

Instrument :

BNA_G

ClientSampleId :

PB160074BSD



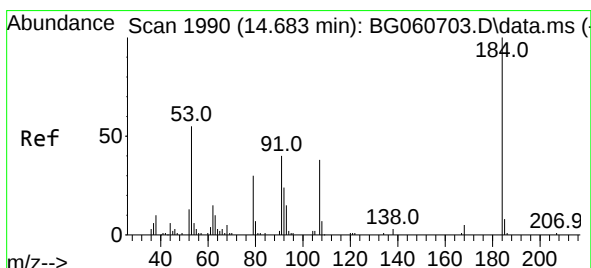
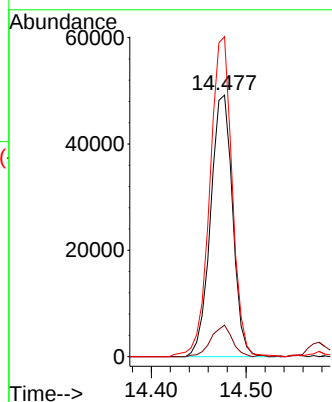
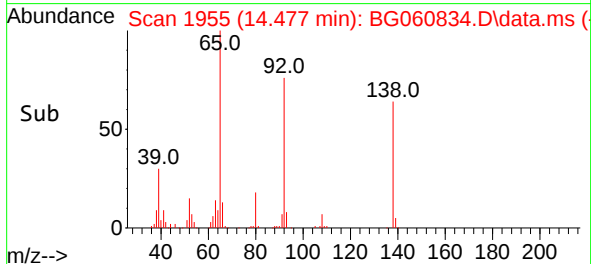
Tgt Ion:138 Resp: 79399
Ion Ratio Lower Upper
138 100
108 12.1 11.3 16.9
92 122.3 94.1 141.1

Manual Integrations

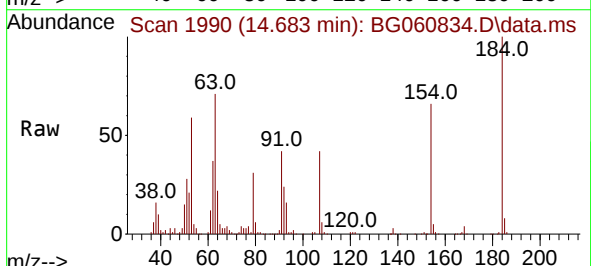
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

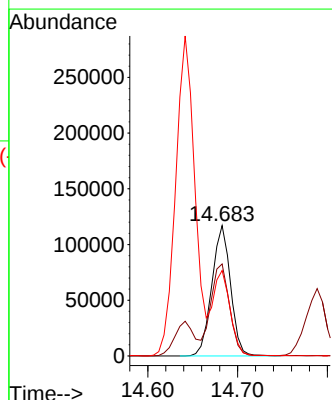
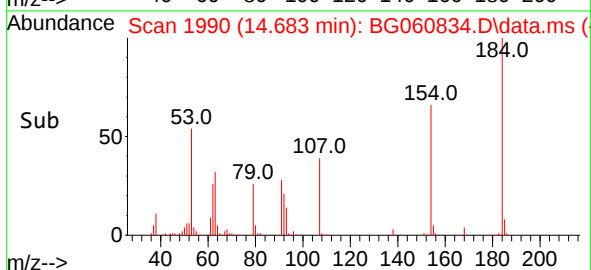
Supervised By :mohammad ahmed 04/10/2024

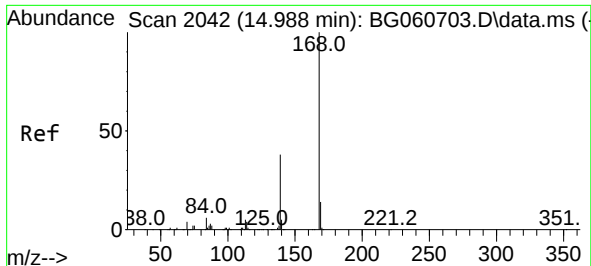


#54
2,4-Dinitrophenol
Concen: 171.154 ng
RT: 14.683 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37



Tgt Ion:184 Resp: 169538
Ion Ratio Lower Upper
184 100
63 70.6 51.3 76.9
154 65.5 59.9 89.9





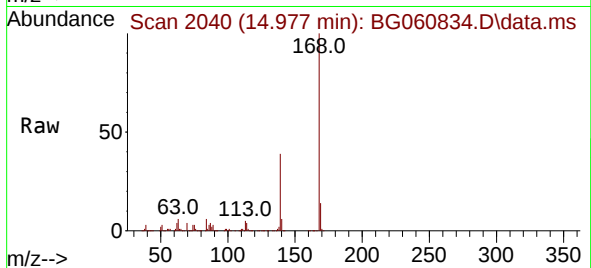
#55
Dibenzenofuran
Concen: 44.448 ng
RT: 14.977 min Scan# 2042
Delta R.T. -0.011 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

Instrument :

BNA_G

ClientSampleId :

PB160074BSD



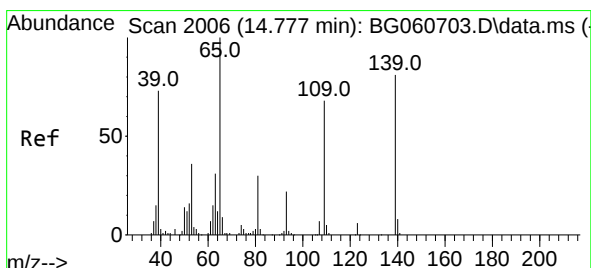
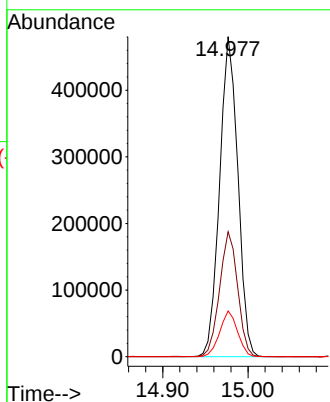
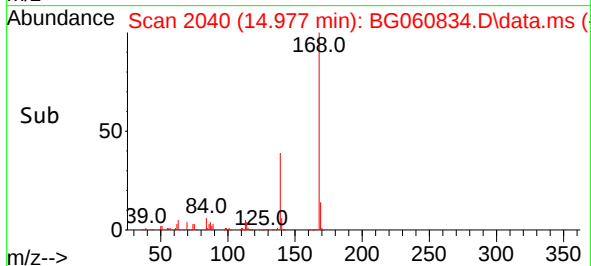
Tgt Ion:168 Resp: 714650
Ion Ratio Lower Upper
168 100
139 39.0 30.1 45.1
169 14.3 11.0 16.4

Manual Integrations

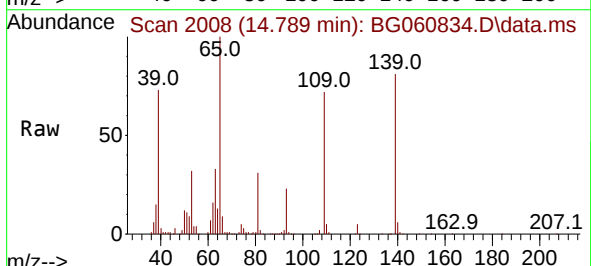
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

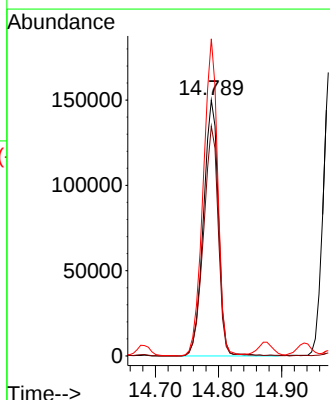
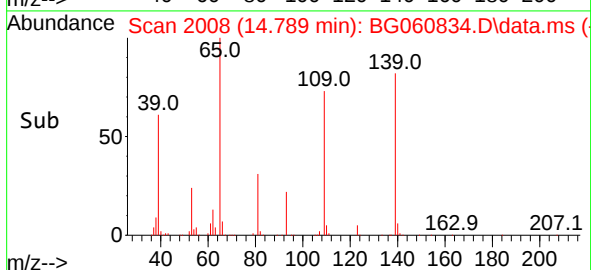
Supervised By :mohammad ahmed 04/10/2024

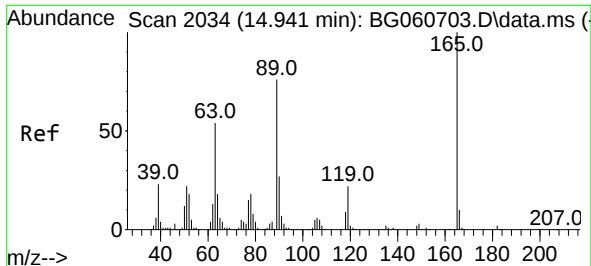


#56
4-Nitrophenol
Concen: 118.247 ng
RT: 14.789 min Scan# 2008
Delta R.T. 0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37



Tgt Ion:139 Resp: 246003
Ion Ratio Lower Upper
139 100
109 89.8 64.0 104.0
65 123.9 104.3 144.3





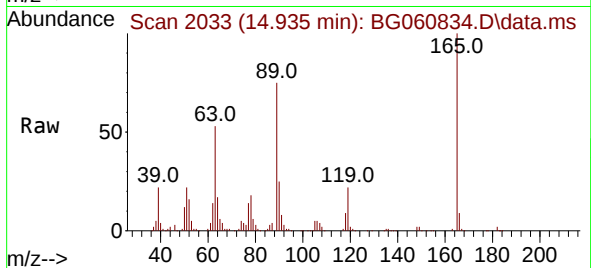
#57
2,4-Dinitrotoluene
Concen: 57.009 ng
RT: 14.935 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

Instrument :

BNA_G

ClientSampleId :

PB160074BSD



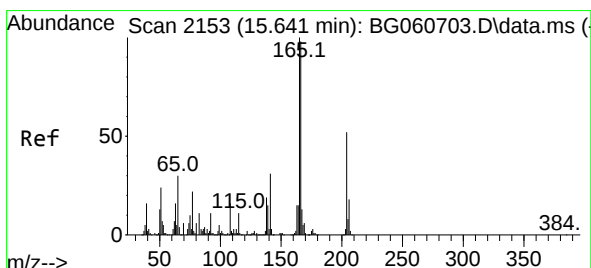
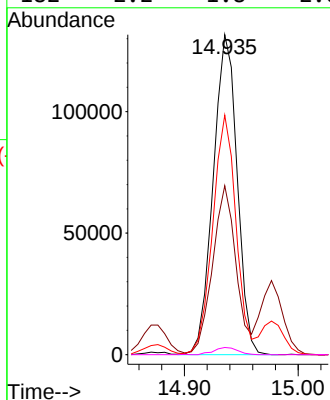
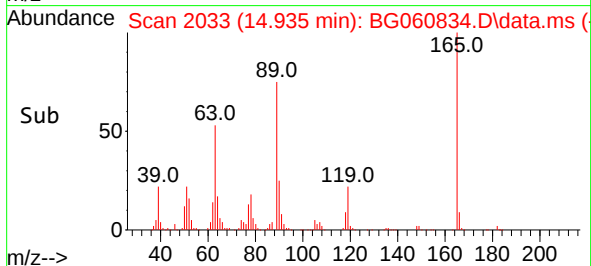
Tgt Ion:165 Resp: 19287
Ion Ratio Lower Upper
165 100
63 52.8 43.4 65.0
89 74.9 61.0 91.6
182 2.2 1.8 2.6

Manual Integrations

APPROVED

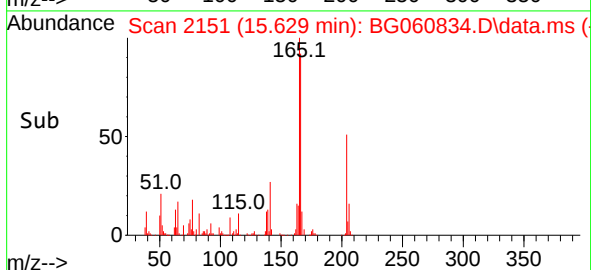
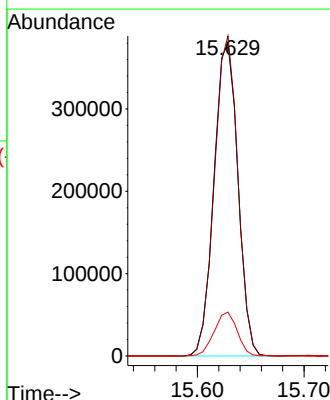
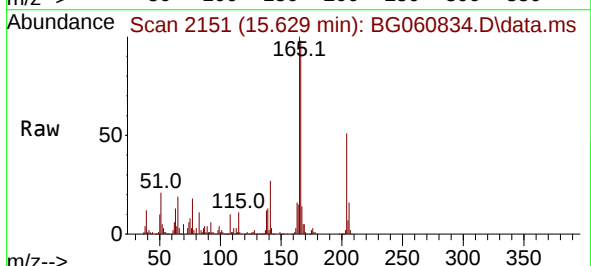
Reviewed By :Yogesh Patel 04/10/2024

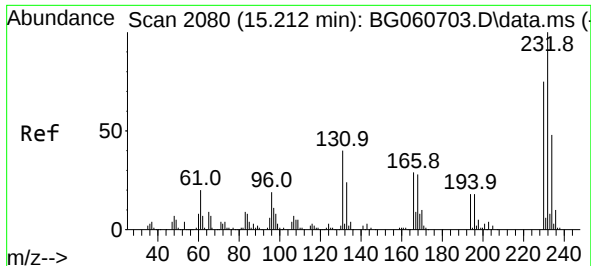
Supervised By :mohammad ahmed 04/10/2024



#58
Fluorene
Concen: 45.959 ng
RT: 15.629 min Scan# 2151
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

Tgt Ion:166 Resp: 593067
Ion Ratio Lower Upper
166 100
165 102.1 81.8 122.8
167 14.0 10.9 16.3





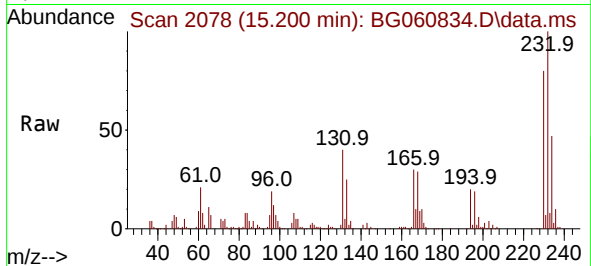
#59
2,3,4,6-Tetrachlorophenol
Concen: 55.472 ng
RT: 15.200 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

Instrument :

BNA_G

ClientSampleId :

PB160074BSD



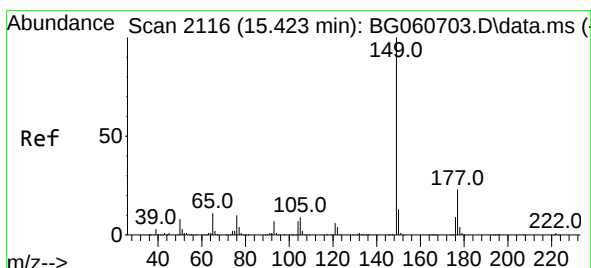
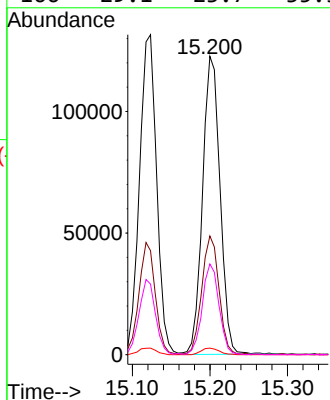
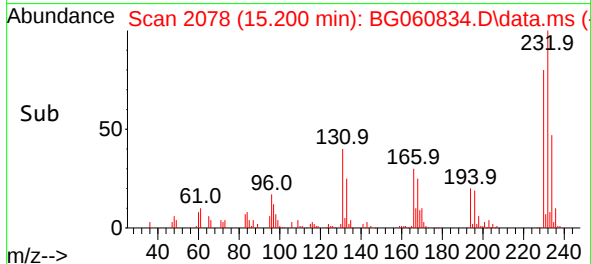
Tgt Ion:232 Resp: 192285
Ion Ratio Lower Upper
232 100
131 38.9 32.2 48.2
130 2.2 2.1 3.1
166 29.1 23.7 35.5

Manual Integrations

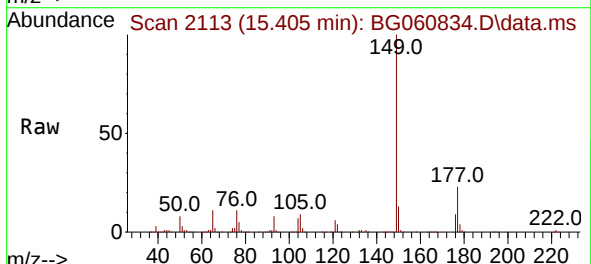
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

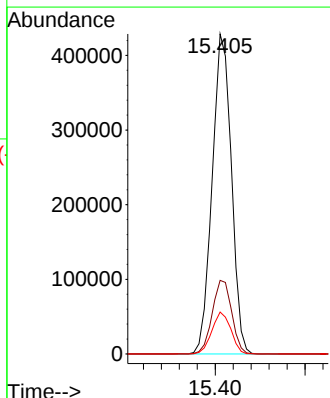
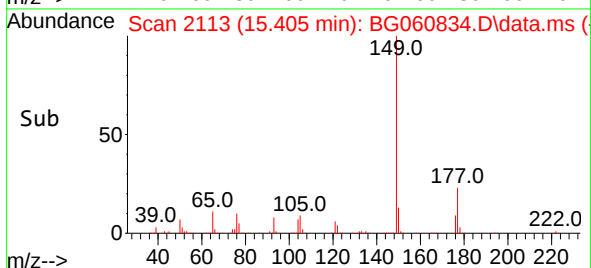
Supervised By :mohammad ahmed 04/10/2024



#60
Diethylphthalate
Concen: 44.396 ng
RT: 15.405 min Scan# 2113
Delta R.T. -0.018 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37



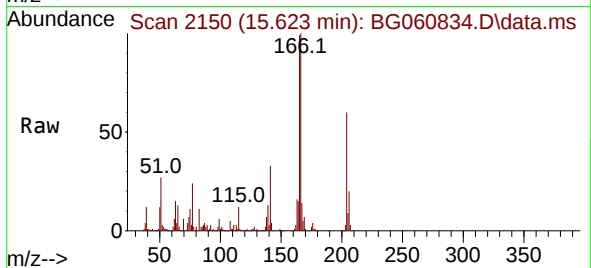
Tgt Ion:149 Resp: 635636
Ion Ratio Lower Upper
149 100
177 23.0 18.0 27.0
150 13.1 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 46.414 ng
RT: 15.623 min Scan# 2150
Delta R.T. -0.018 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

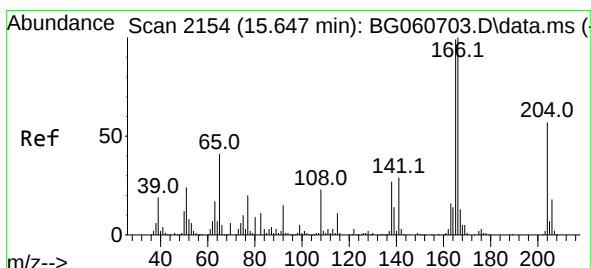
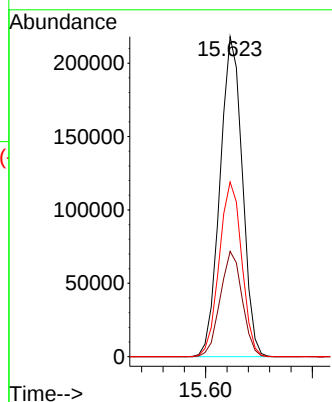
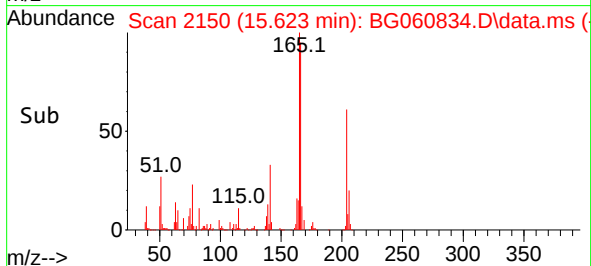
Instrument :
BNA_G
ClientSampleId :
PB160074BSD



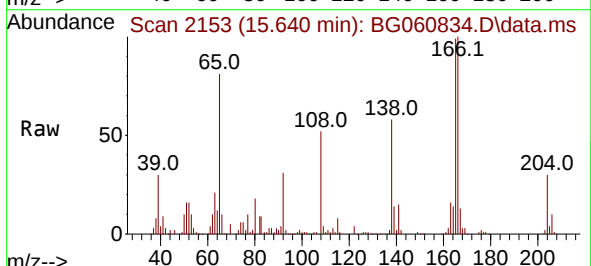
Tgt Ion:204 Resp: 31685
Ion Ratio Lower Upper
204 100
206 32.9 28.3 42.5
141 54.6 47.2 70.8

Manual Integrations
APPROVED

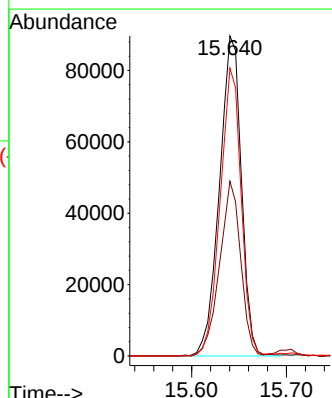
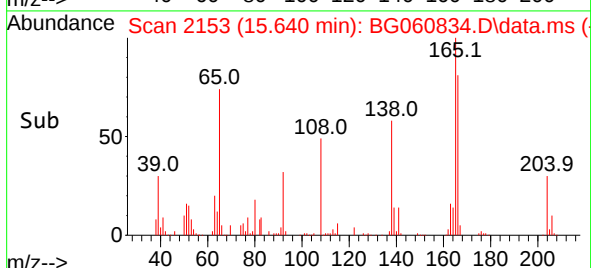
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

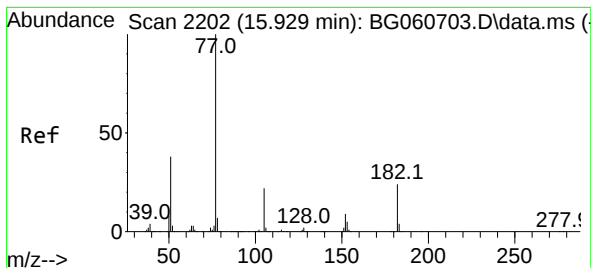


#62
4-Nitroaniline
Concen: 55.389 ng
RT: 15.640 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37



Tgt Ion:138 Resp: 144115
Ion Ratio Lower Upper
138 100
92 54.6 36.8 76.8
108 89.9 66.9 106.9





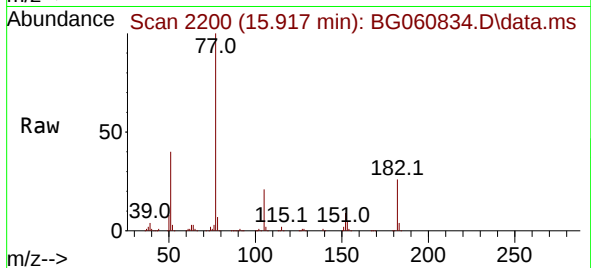
#63
Azobenzene
Concen: 43.901 ng
RT: 15.917 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

Instrument :

BNA_G

ClientSampleId :

PB160074BSD

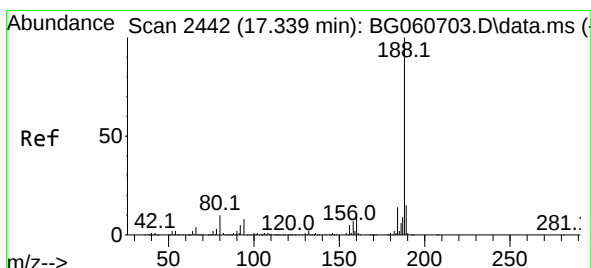
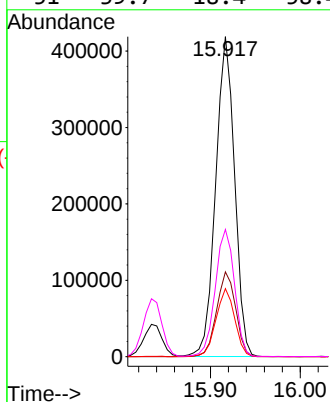
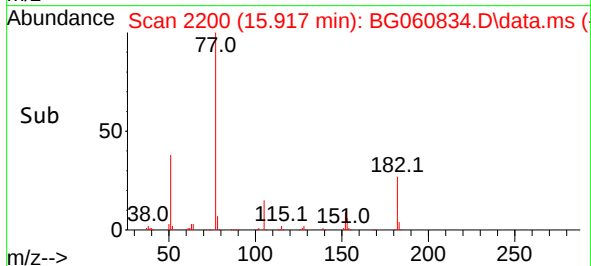


Tgt Ion: 77 Resp: 61248
Ion Ratio Lower Upper
77 100
182 26.5 3.9 43.9
105 21.3 1.7 41.7
51 39.7 18.4 58.4

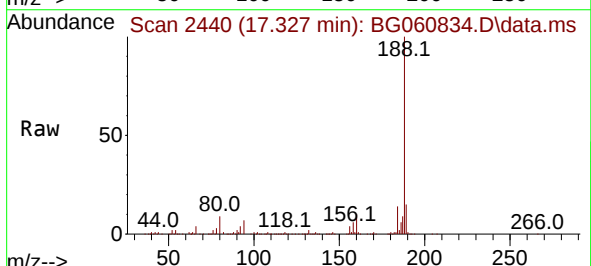
Manual Integrations

APPROVED

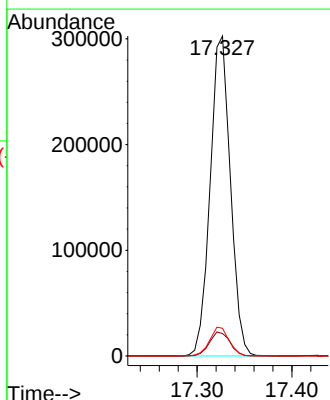
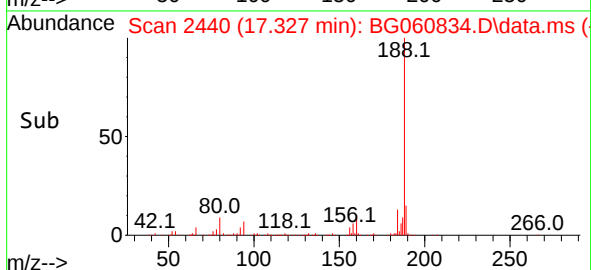
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

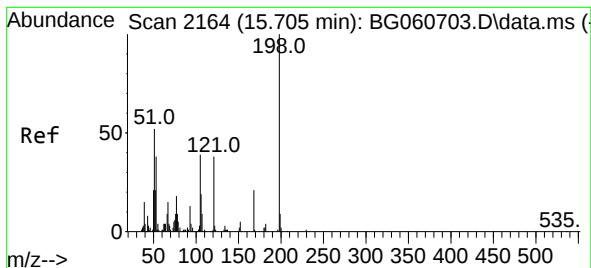


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2440
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37



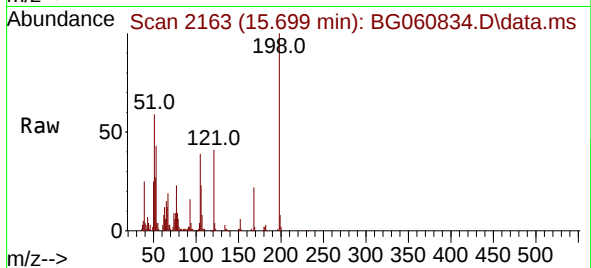
Tgt Ion:188 Resp: 448725
Ion Ratio Lower Upper
188 100
94 7.0 6.6 9.8
80 8.7 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 62.512 ng
RT: 15.699 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

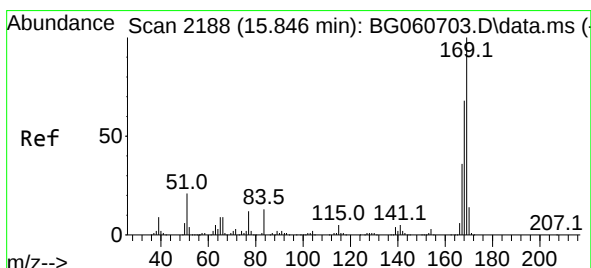
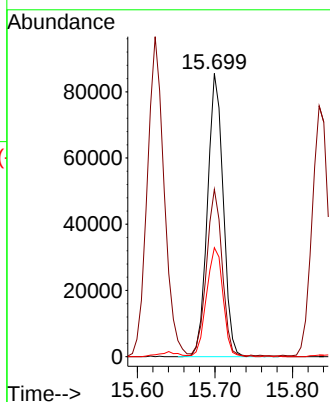
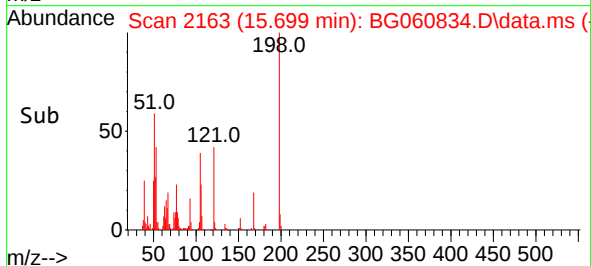
Instrument :
BNA_G
ClientSampleId :
PB160074BSD



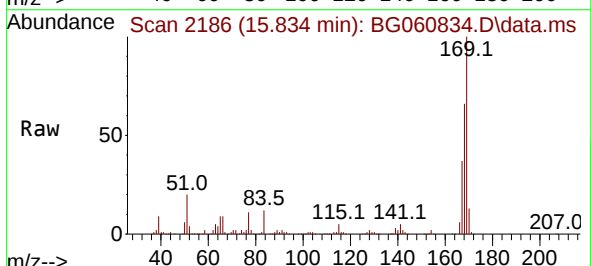
Tgt Ion:198 Resp: 120379
Ion Ratio Lower Upper
198 100
51 59.1 36.7 76.7
105 38.5 19.1 59.1

Manual Integrations
APPROVED

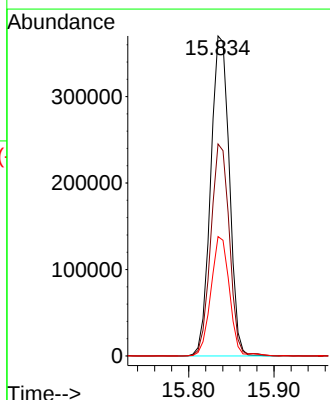
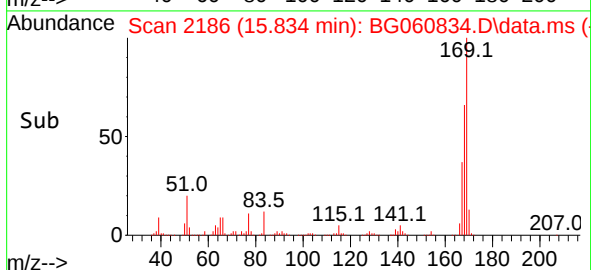
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

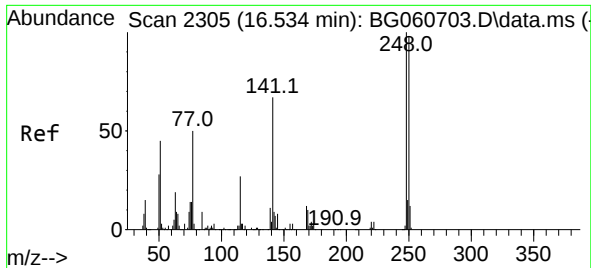


#66
n-Nitrosodiphenylamine
Concen: 43.728 ng
RT: 15.834 min Scan# 2186
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37



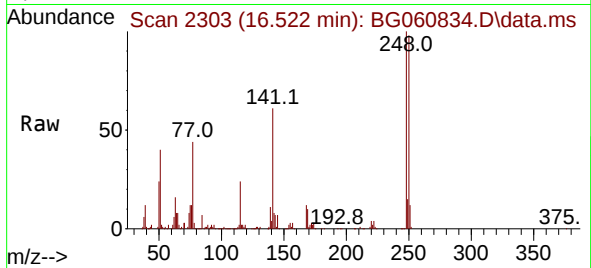
Tgt Ion:169 Resp: 560719
Ion Ratio Lower Upper
169 100
168 66.2 54.5 81.7
167 37.3 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 49.069 ng
RT: 16.522 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

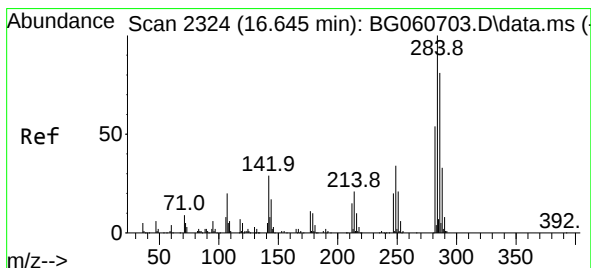
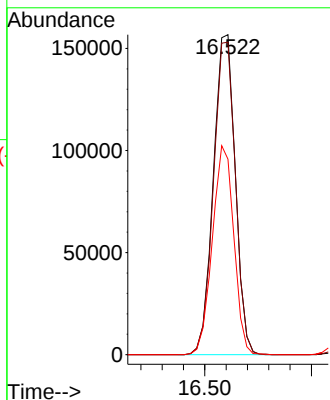
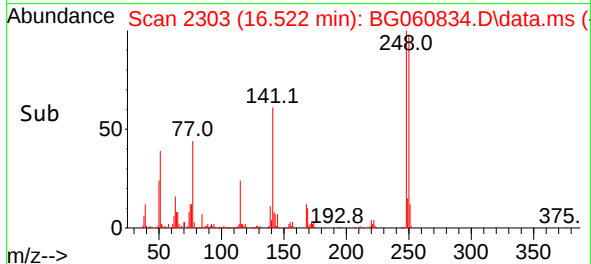
Instrument :
BNA_G
ClientSampleId :
PB160074BSD



Tgt Ion:248 Resp: 22345
Ion Ratio Lower Upper
248 100
250 97.6 78.3 117.5
141 61.1 53.7 80.5

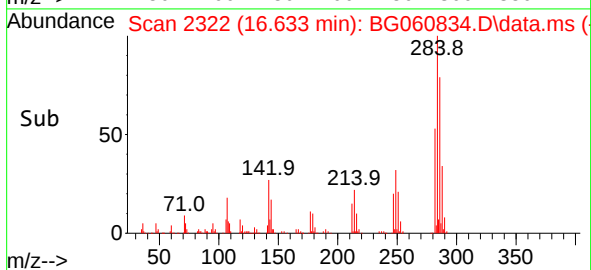
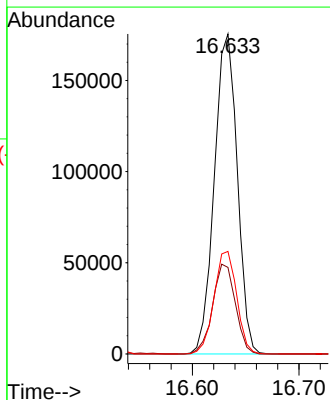
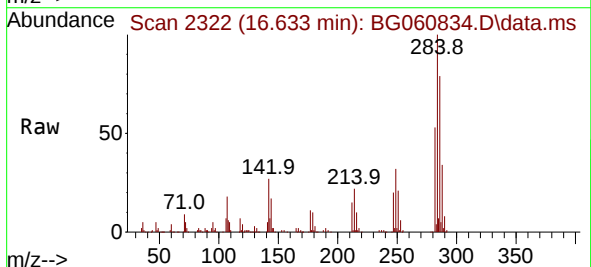
Manual Integrations
APPROVED

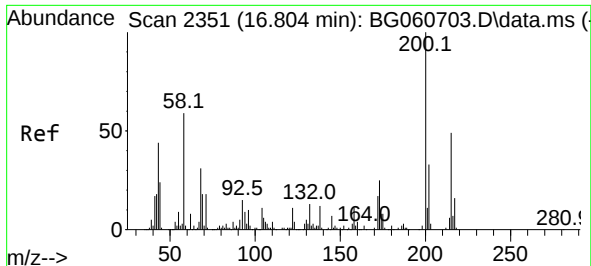
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#68
Hexachlorobenzene
Concen: 50.941 ng
RT: 16.633 min Scan# 2322
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

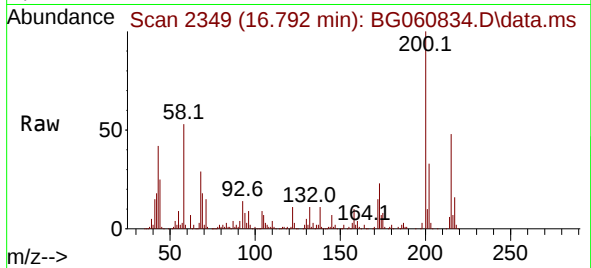
Tgt Ion:284 Resp: 261881
Ion Ratio Lower Upper
284 100
142 27.0 22.9 34.3
249 32.1 27.1 40.7





#69
Atrazine
Concen: 49.480 ng
RT: 16.792 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

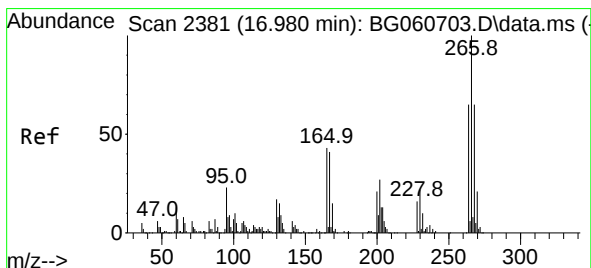
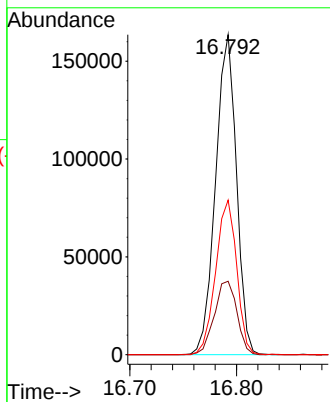
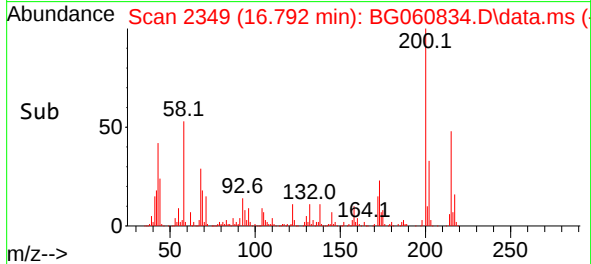
Instrument :
BNA_G
ClientSampleId :
PB160074BSD



Tgt Ion:200 Resp: 221875
Ion Ratio Lower Upper
200 100
173 22.9 5.2 45.2
215 48.3 28.8 68.8

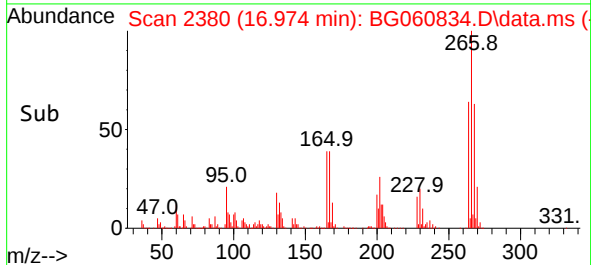
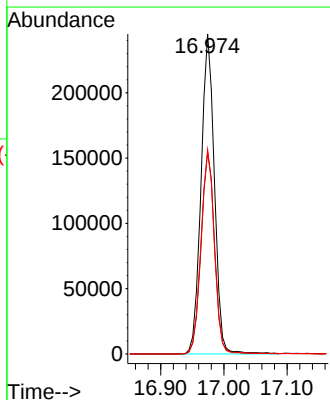
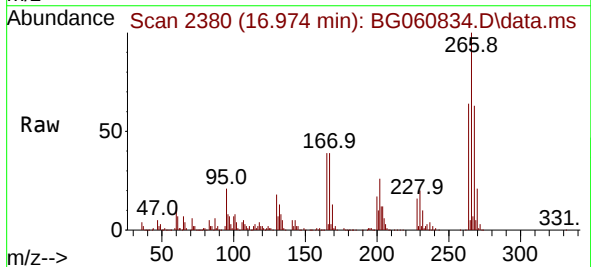
Manual Integrations
APPROVED

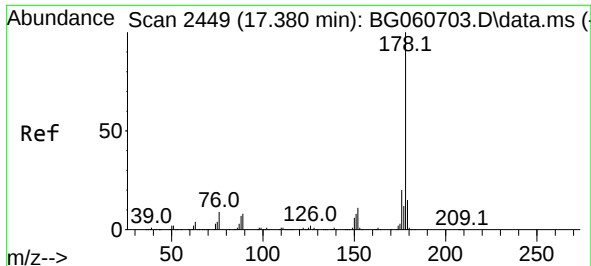
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#70
Pentachlorophenol
Concen: 107.311 ng
RT: 16.974 min Scan# 2380
Delta R.T. -0.006 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

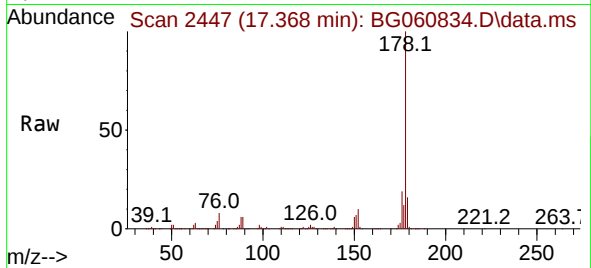
Tgt Ion:266 Resp: 359965
Ion Ratio Lower Upper
266 100
268 63.0 52.2 78.4
264 63.9 51.8 77.6





#71
Phenanthrene
Concen: 44.602 ng
RT: 17.368 min Scan# 2447
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

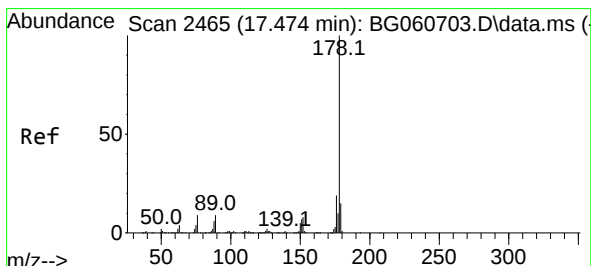
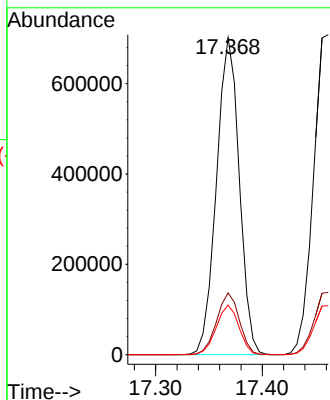
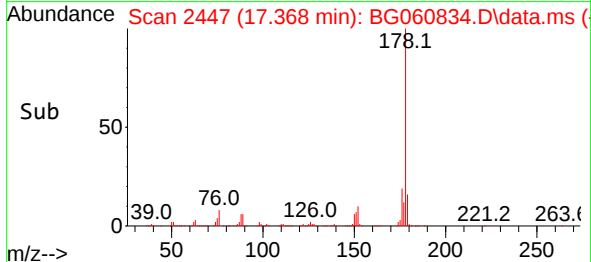
Instrument :
BNA_G
ClientSampleId :
PB160074BSD



Tgt Ion:178 Resp: 1040870
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.6 12.2 18.4

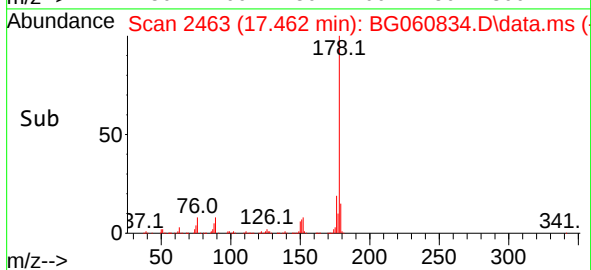
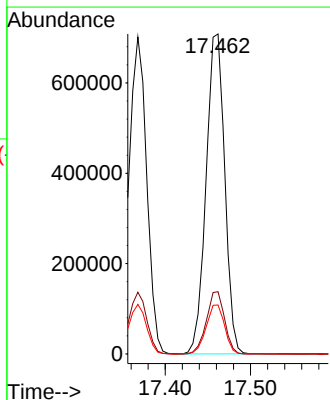
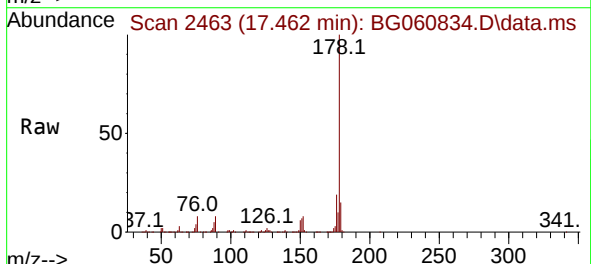
Manual Integrations
APPROVED

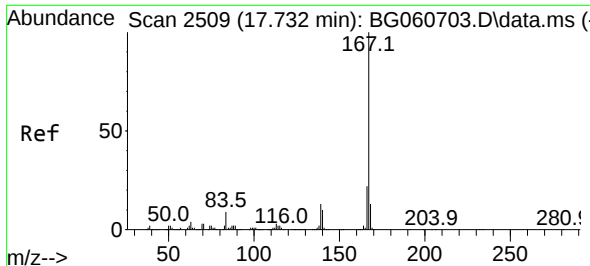
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#72
Anthracene
Concen: 45.384 ng
RT: 17.462 min Scan# 2463
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

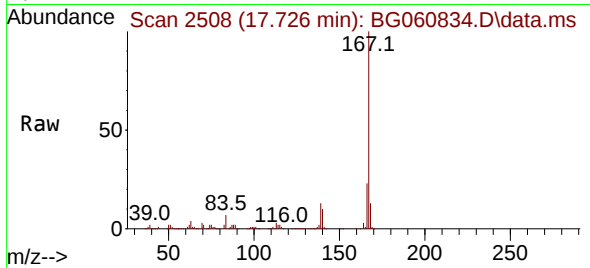
Tgt Ion:178 Resp: 1075628
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.3 12.2 18.2





#73
 Carbazole
 Concen: 45.882 ng
 RT: 17.726 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG060834.D
 Acq: 8 Apr 2024 20:37

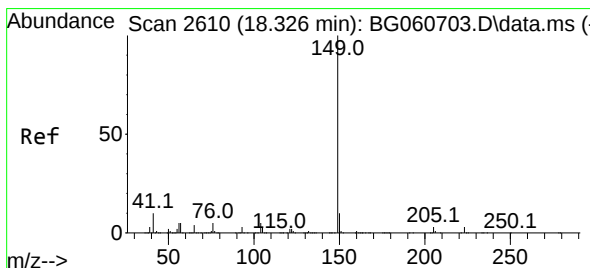
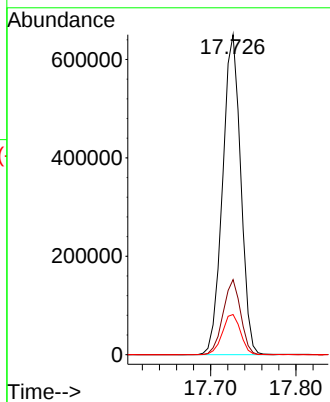
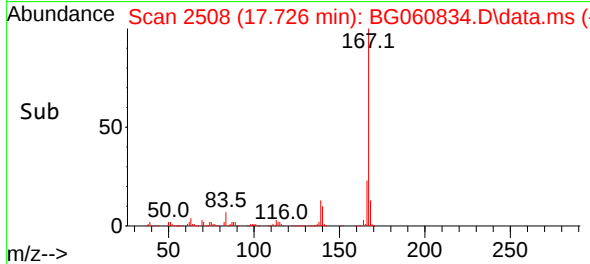
Instrument :
 BNA_G
 ClientSampleId :
 PB160074BSD



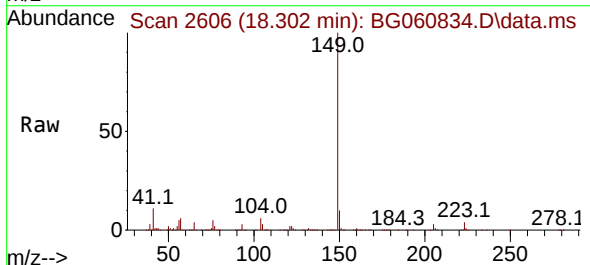
Tgt Ion:167 Resp: 95876
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.0 27.0
 139 12.6 10.5 15.7

Manual Integrations
 APPROVED

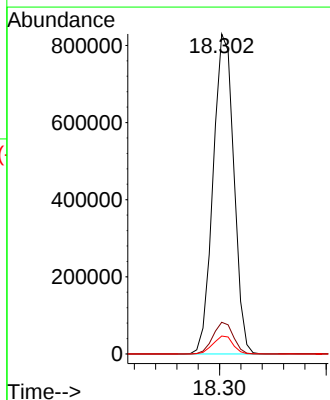
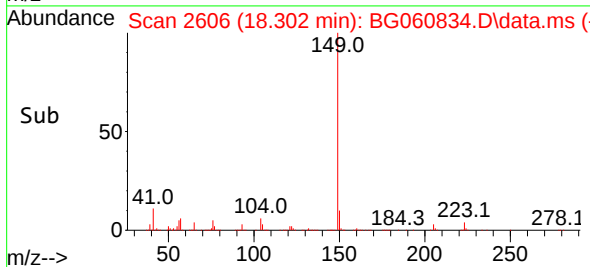
Reviewed By :Yogesh Patel 04/10/2024
 Supervised By :mohammad ahmed 04/10/2024

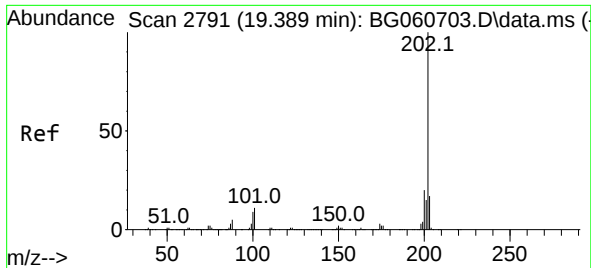


#74
 Di-n-butylphthalate
 Concen: 42.883 ng
 RT: 18.302 min Scan# 2606
 Delta R.T. -0.024 min
 Lab File: BG060834.D
 Acq: 8 Apr 2024 20:37



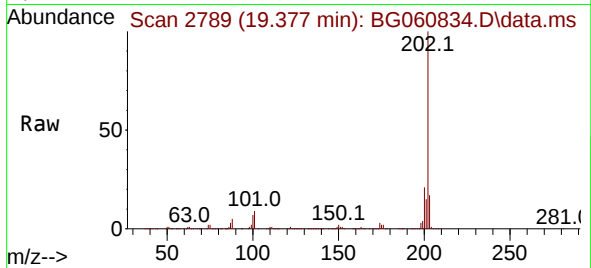
Tgt Ion:149 Resp: 1117181
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 5.6 4.2 6.4





#75
Fluoranthene
Concen: 45.879 ng
RT: 19.377 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

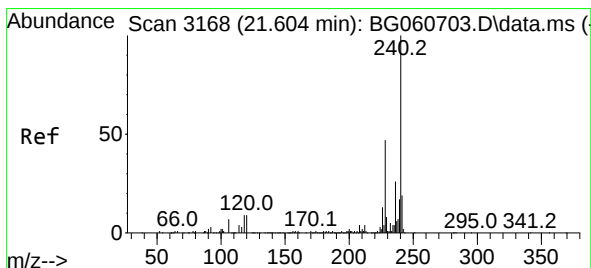
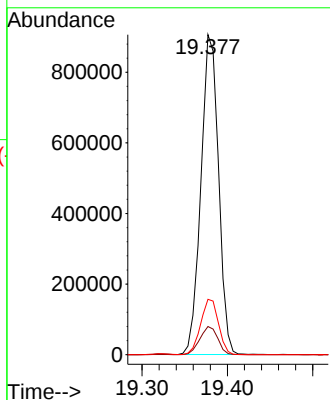
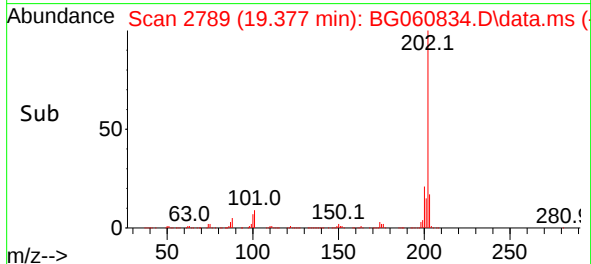
Instrument :
BNA_G
ClientSampleId :
PB160074BSD



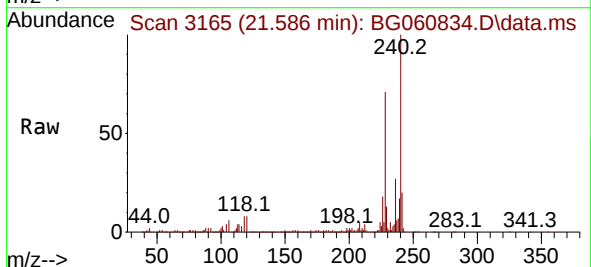
Tgt Ion:202 Resp: 129923
Ion Ratio Lower Upper
202 100
101 8.8 0.0 30.8
203 17.3 0.0 37.4

Manual Integrations
APPROVED

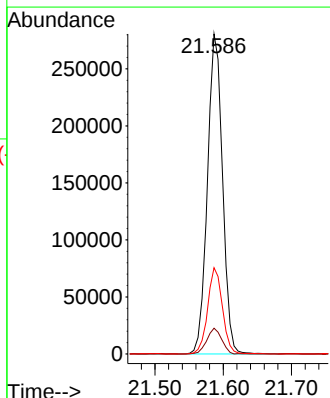
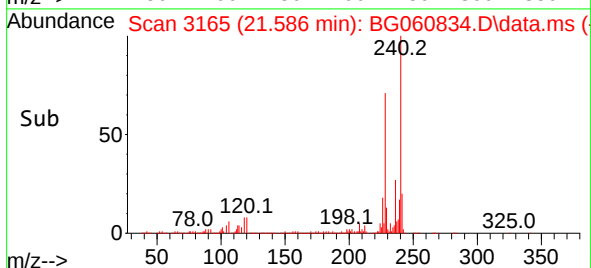
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

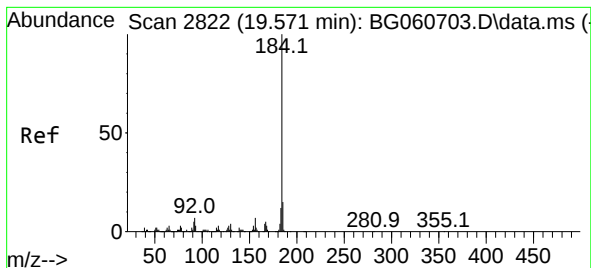


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3165
Delta R.T. -0.018 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37



Tgt Ion:240 Resp: 432087
Ion Ratio Lower Upper
240 100
120 8.1 7.1 10.7
236 27.0 20.7 31.1





#77

Benzidine

Concen: 30.021 ng

RT: 19.559 min Scan# 2820

Delta R.T. -0.012 min

Lab File: BG060834.D

Acq: 8 Apr 2024 20:37

Instrument :

BNA_G

ClientSampleId :

PB160074BSD

Tgt Ion:184 Resp: 341568

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.6

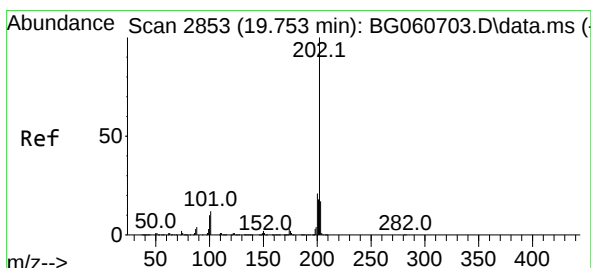
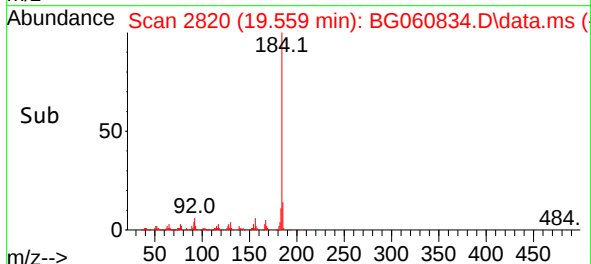
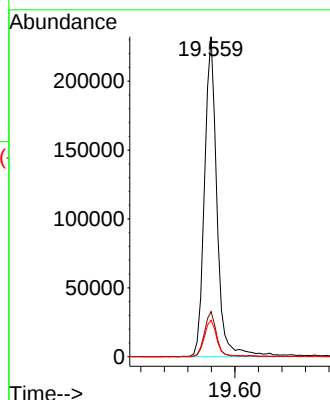
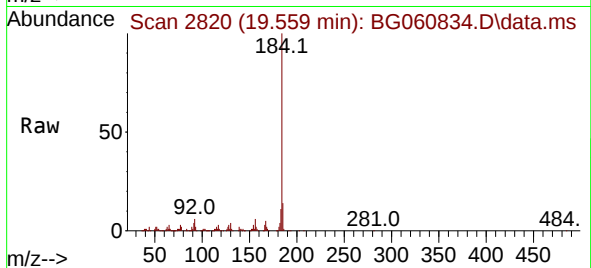
183 11.4 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#78

Pyrene

Concen: 44.669 ng

RT: 19.742 min Scan# 2851

Delta R.T. -0.012 min

Lab File: BG060834.D

Acq: 8 Apr 2024 20:37

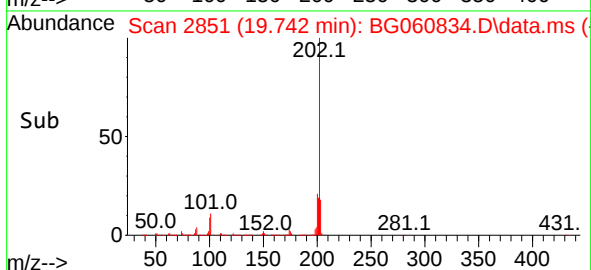
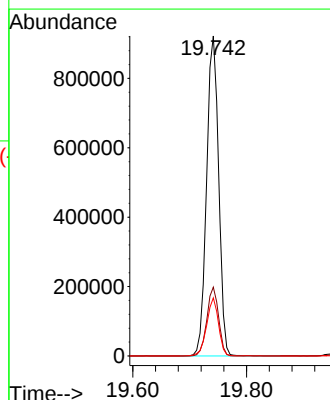
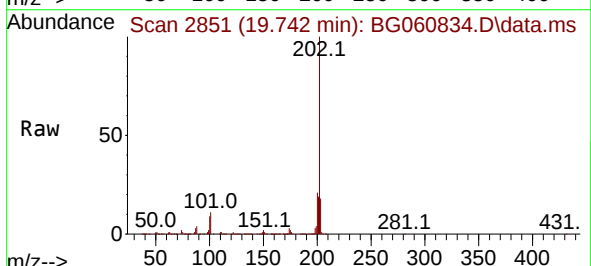
Tgt Ion:202 Resp: 1349855

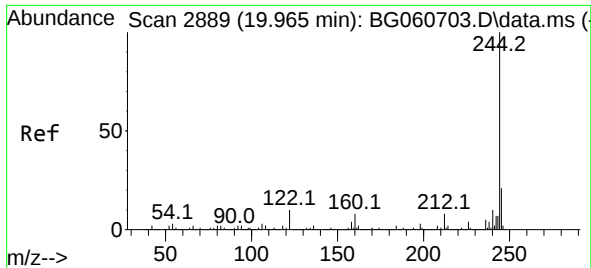
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

203 18.2 14.0 21.0





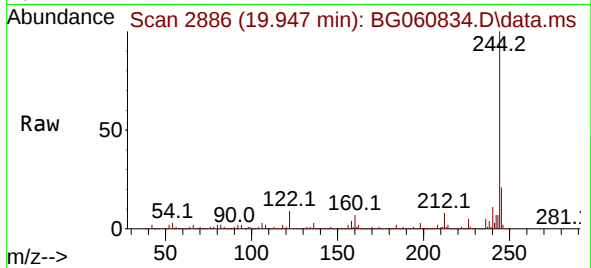
#79
 Terphenyl-d14
 Concen: 84.927 ng
 RT: 19.947 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BG060834.D
 Acq: 8 Apr 2024 20:37

Instrument :

BNA_G

ClientSampleId :

PB160074BSD



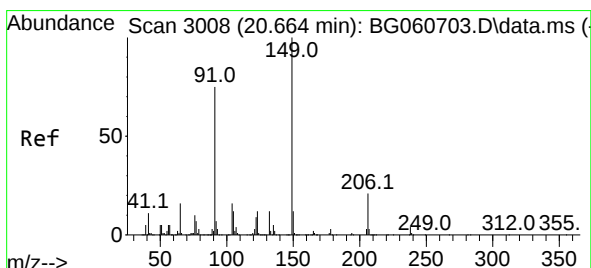
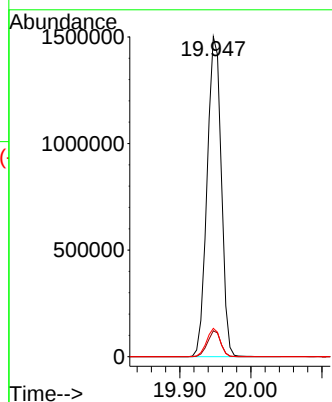
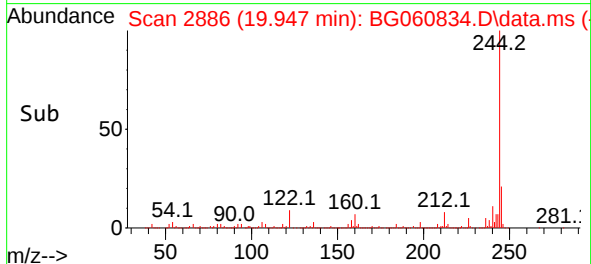
Tgt Ion:244 Resp: 208399
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 8.9 7.8 11.8

Manual Integrations

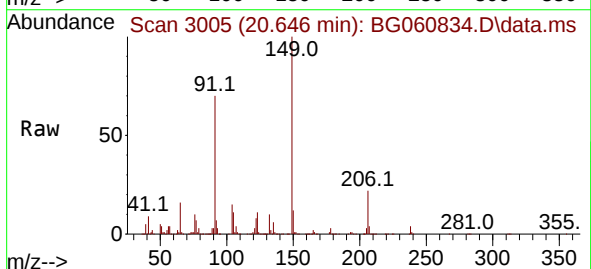
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

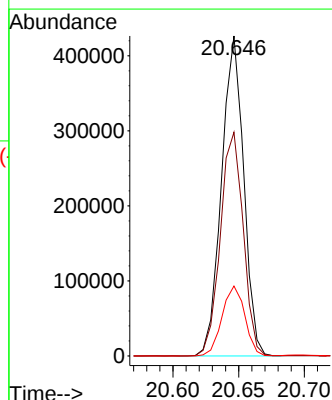
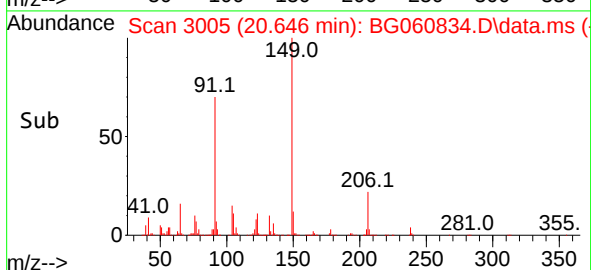
Supervised By :mohammad ahmed 04/10/2024

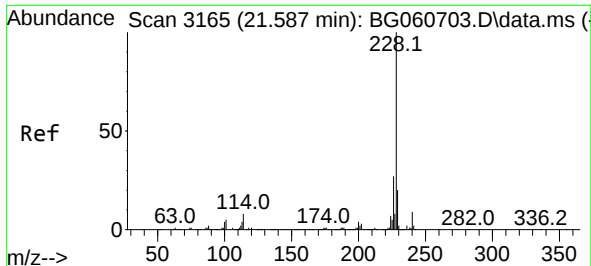


#80
 Butylbenzylphthalate
 Concen: 45.314 ng
 RT: 20.646 min Scan# 3005
 Delta R.T. -0.018 min
 Lab File: BG060834.D
 Acq: 8 Apr 2024 20:37



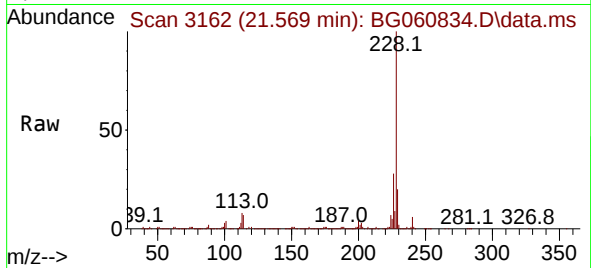
Tgt Ion:149 Resp: 499517
 Ion Ratio Lower Upper
 149 100
 91 69.9 60.1 90.1
 206 21.9 16.8 25.2





#81
Benzo(a)anthracene
Concen: 46.032 ng
RT: 21.569 min Scan# 3162
Delta R.T. -0.018 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

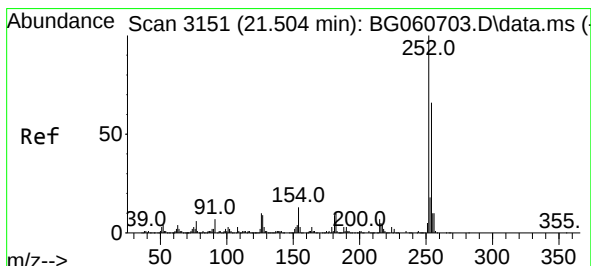
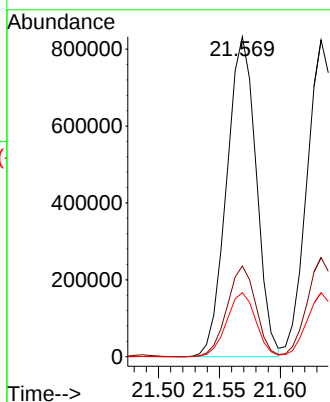
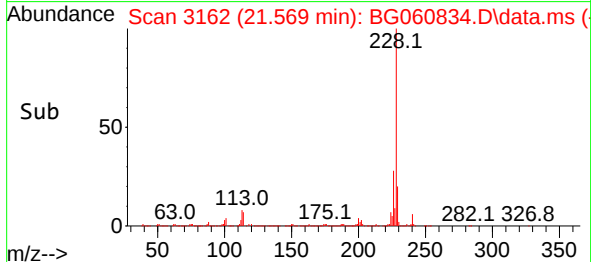
Instrument :
BNA_G
ClientSampleId :
PB160074BSD



Tgt Ion:228 Resp: 140201
Ion Ratio Lower Upper
228 100
226 28.4 21.7 32.5
229 20.0 15.8 23.8

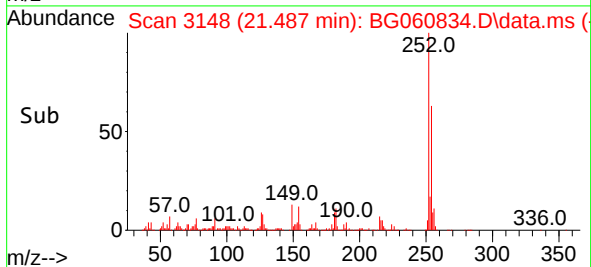
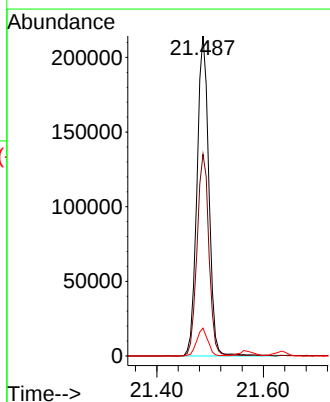
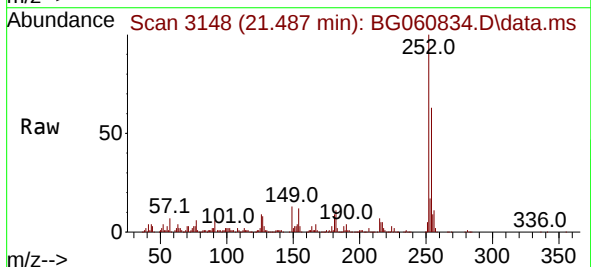
Manual Integrations
APPROVED

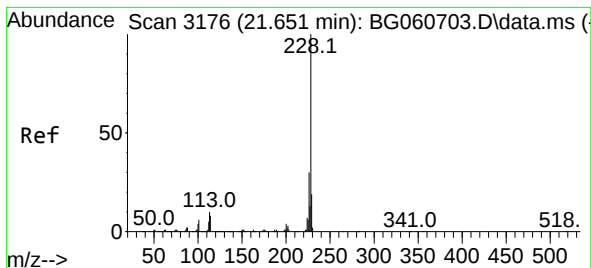
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#82
3,3'-Dichlorobenzidine
Concen: 32.117 ng
RT: 21.487 min Scan# 3148
Delta R.T. -0.018 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

Tgt Ion:252 Resp: 330291
Ion Ratio Lower Upper
252 100
254 63.0 52.6 78.8
126 8.7 7.8 11.8





#83

Chrysene

Concen: 45.635 ng

RT: 21.633 min Scan# 3173

Delta R.T. -0.018 min

Lab File: BG060834.D

Acq: 8 Apr 2024 20:37

Instrument :

BNA_G

ClientSampleId :

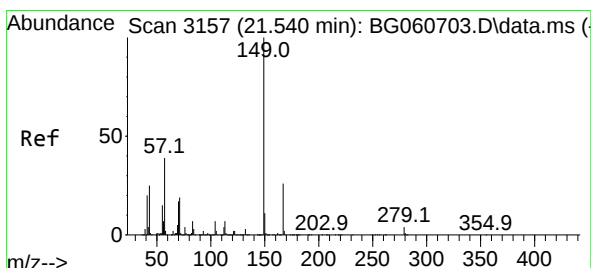
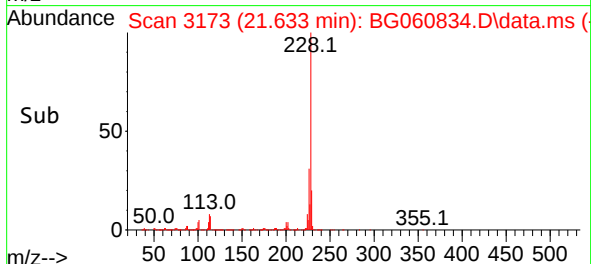
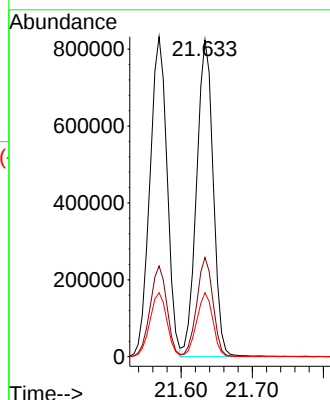
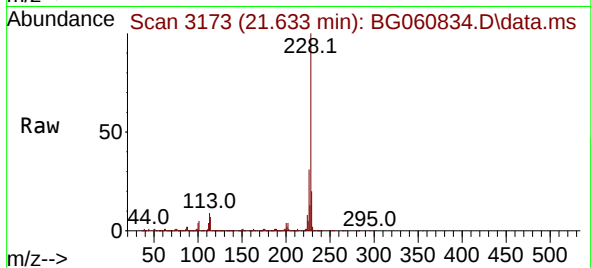
PB160074BSD

Tgt Ion:228 Resp: 1339684
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.2 36.4
 229 20.2 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024
 Supervised By :mohammad ahmed 04/10/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.863 ng

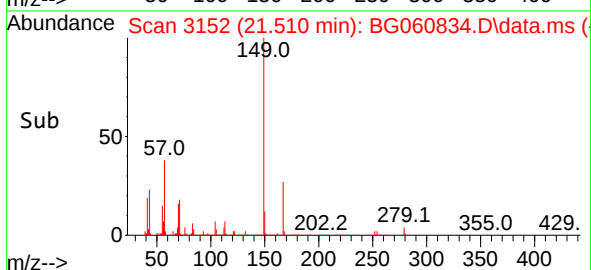
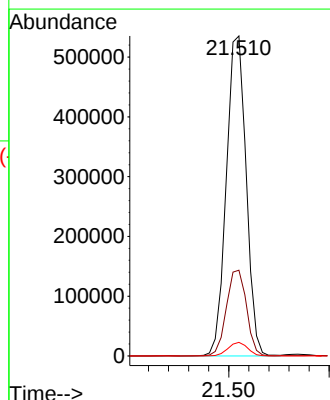
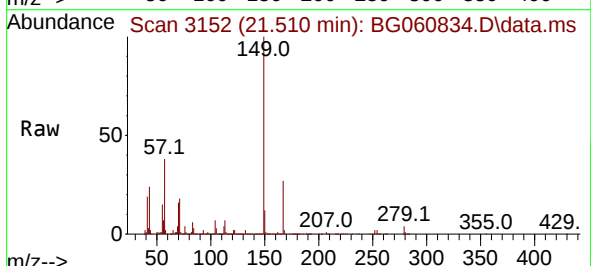
RT: 21.510 min Scan# 3152

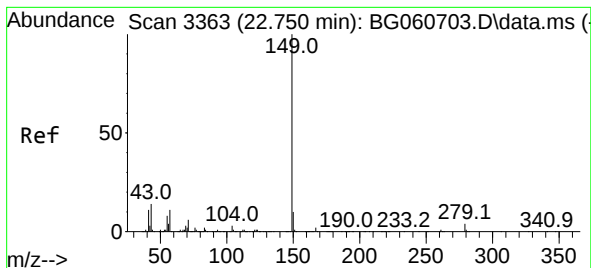
Delta R.T. -0.030 min

Lab File: BG060834.D

Acq: 8 Apr 2024 20:37

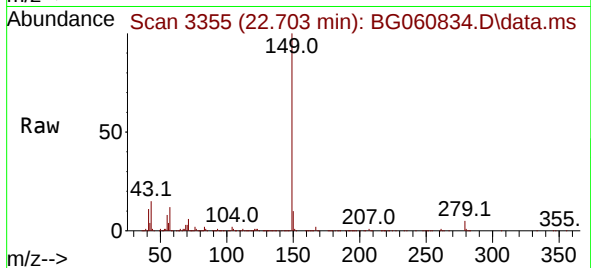
Tgt Ion:149 Resp: 735539
 Ion Ratio Lower Upper
 149 100
 167 26.8 20.6 30.8
 279 4.3 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 45.013 ng
RT: 22.703 min Scan# 31
Delta R.T. -0.047 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

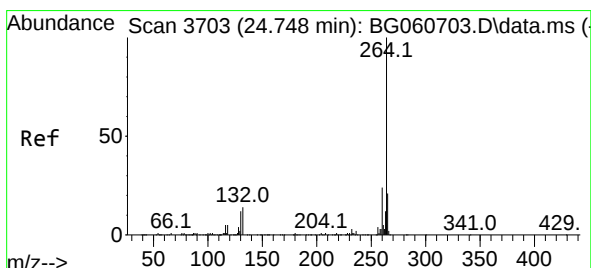
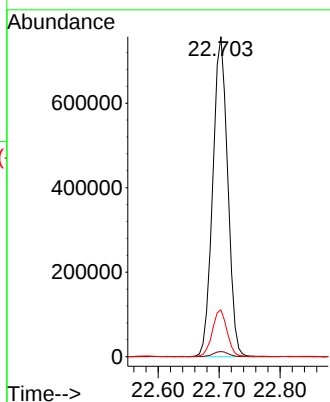
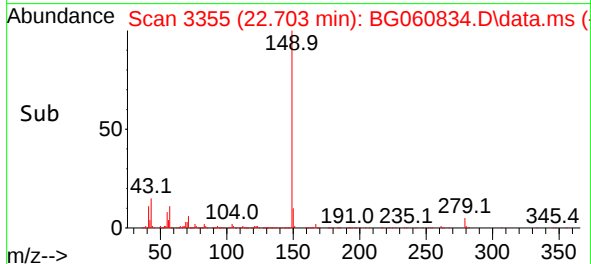
Instrument :
BNA_G
ClientSampleId :
PB160074BSD



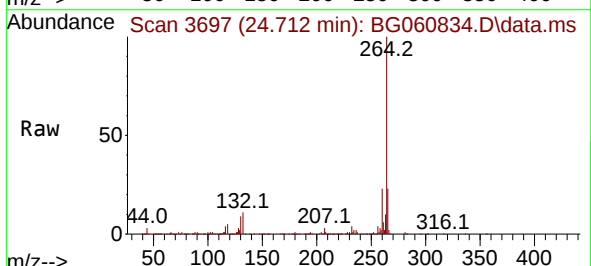
Tgt Ion:149 Resp: 128843
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 14.3 11.3 16.9

Manual Integrations
APPROVED

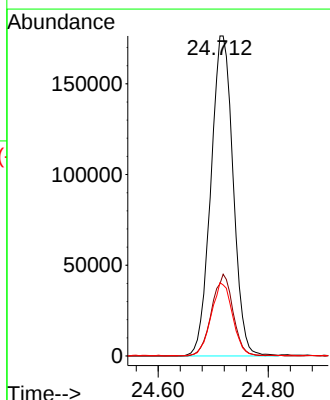
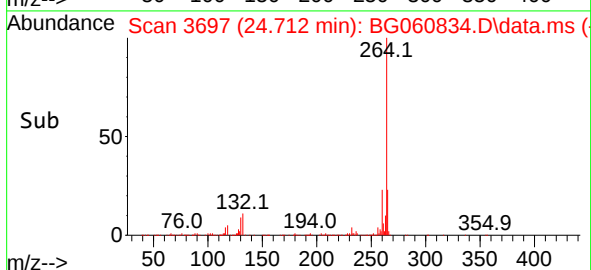
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

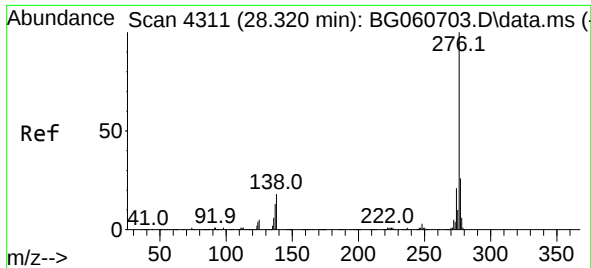


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.712 min Scan# 3697
Delta R.T. -0.035 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37



Tgt Ion:264 Resp: 495684
Ion Ratio Lower Upper
264 100
260 22.6 19.5 29.3
265 22.9 16.9 25.3





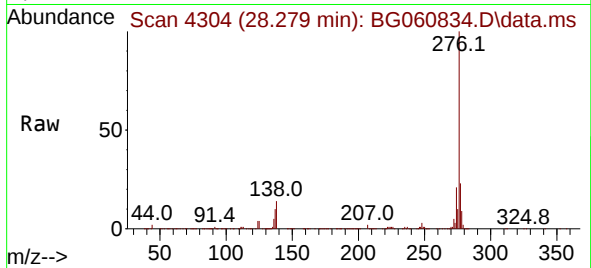
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.071 ng
 RT: 28.279 min Scan# 41
 Delta R.T. -0.041 min
 Lab File: BG060834.D
 Acq: 8 Apr 2024 20:37

Instrument :

BNA_G

ClientSampleId :

PB160074BSD



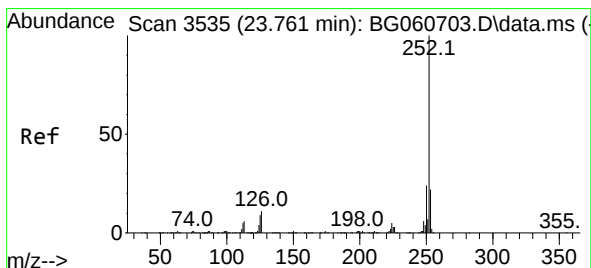
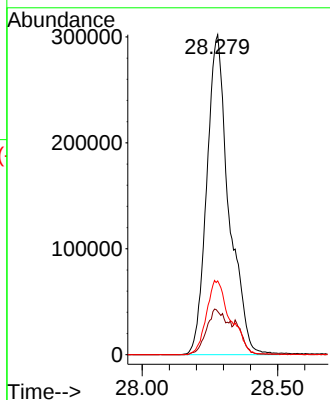
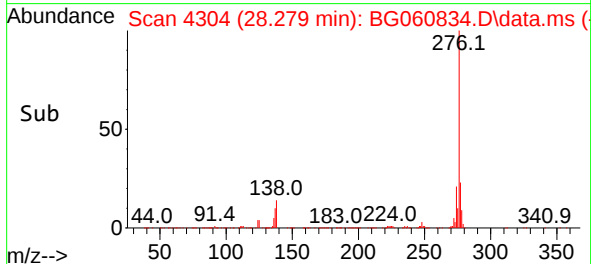
Tgt Ion:276 Resp: 171287
 Ion Ratio Lower Upper
 276 100
 138 13.6 12.4 18.6
 277 25.0 20.2 30.2

Manual Integrations

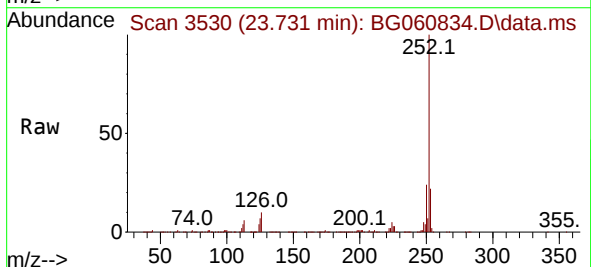
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

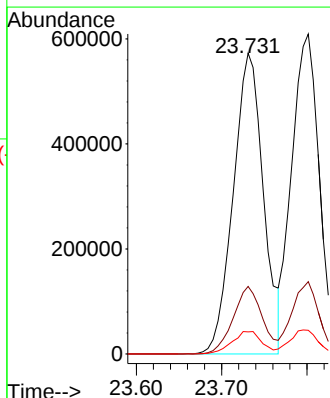
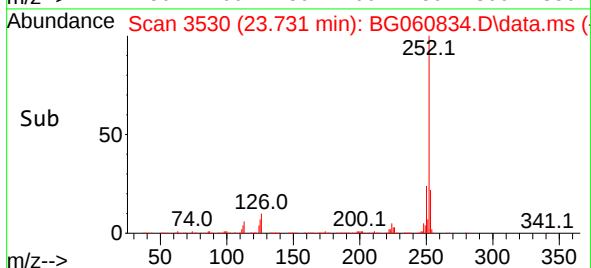
Supervised By :mohammad ahmed 04/10/2024

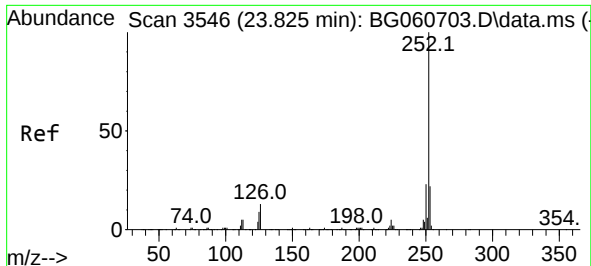


#88
 Benzo(b)fluoranthene
 Concen: 49.488 ng
 RT: 23.731 min Scan# 3530
 Delta R.T. -0.030 min
 Lab File: BG060834.D
 Acq: 8 Apr 2024 20:37



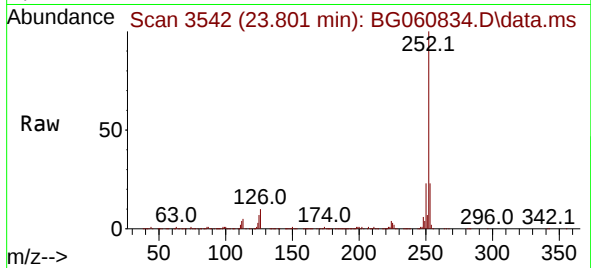
Tgt Ion:252 Resp: 1409275
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.8 26.8
 125 7.3 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 47.042 ng
RT: 23.801 min Scan# 3546
Delta R.T. -0.024 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37

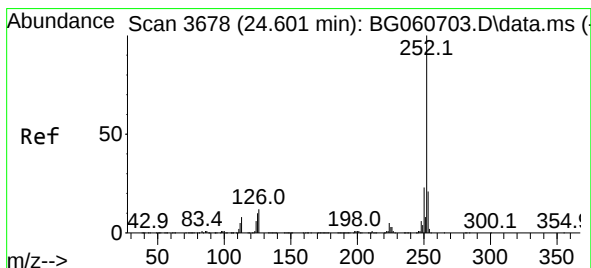
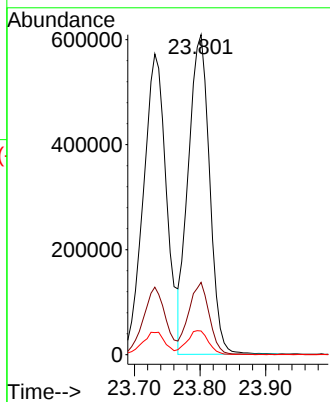
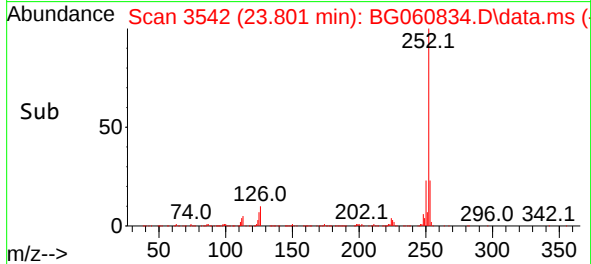
Instrument :
BNA_G
ClientSampleId :
PB160074BSD



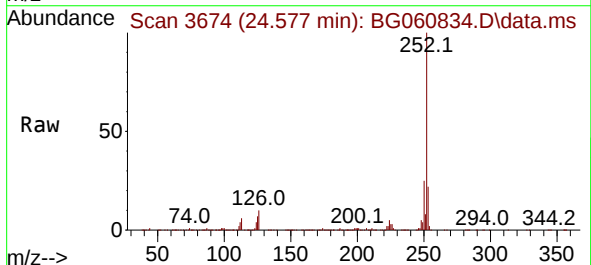
Tgt Ion:252 Resp: 1371149
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 7.4 7.5 11.3

Manual Integrations
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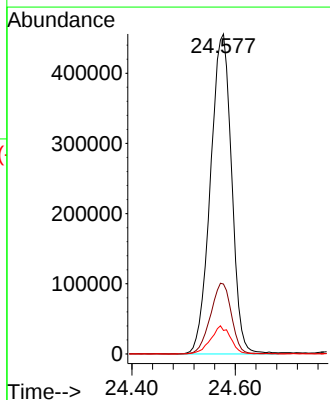
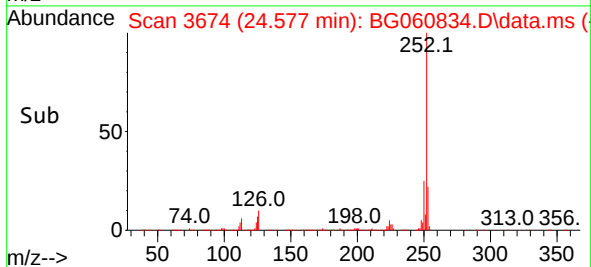
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

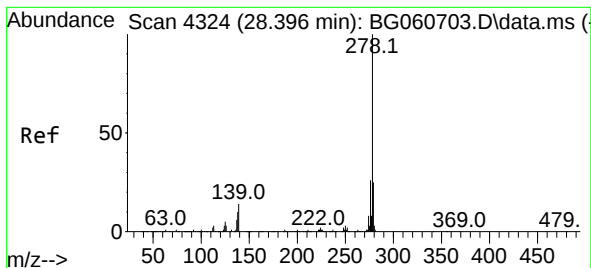


#90
Benzo(a)pyrene
Concen: 46.762 ng
RT: 24.577 min Scan# 3674
Delta R.T. -0.024 min
Lab File: BG060834.D
Acq: 8 Apr 2024 20:37



Tgt Ion:252 Resp: 1294096
Ion Ratio Lower Upper
252 100
253 21.9 16.8 25.2
125 7.3 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 47.625 ng

RT: 28.349 min Scan# 41

Delta R.T. -0.047 min

Lab File: BG060834.D

Acq: 8 Apr 2024 20:37

Instrument :

BNA_G

ClientSampleId :

PB160074BSD

Tgt Ion:278 Resp: 140135

Ion Ratio Lower Upper

278 100

139 10.4 11.1 16.7

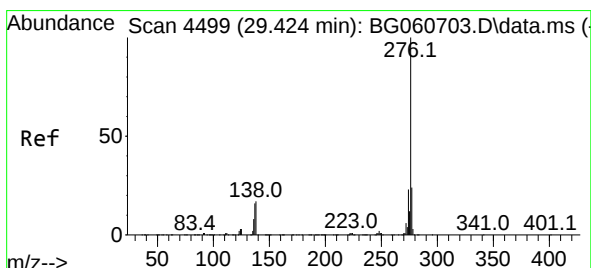
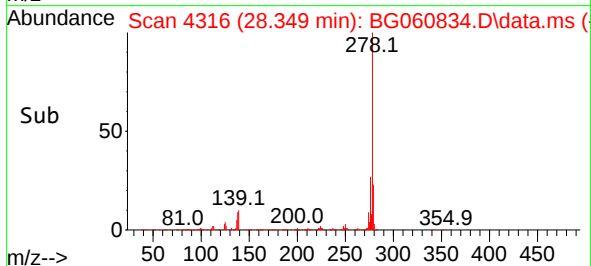
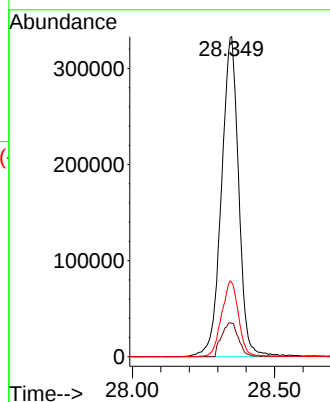
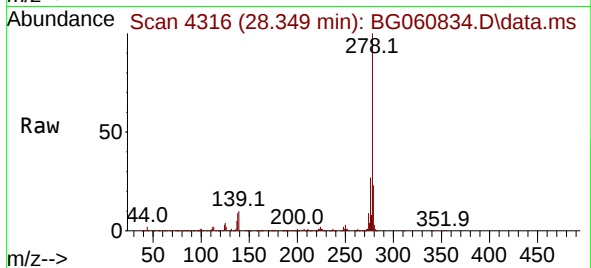
279 23.1 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#92

Benzo(g,h,i)perylene

Concen: 45.851 ng

RT: 29.383 min Scan# 4492

Delta R.T. -0.041 min

Lab File: BG060834.D

Acq: 8 Apr 2024 20:37

Tgt Ion:276 Resp: 1312436

Ion Ratio Lower Upper

276 100

277 22.4 18.9 28.3

138 14.7 14.0 21.0

