

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041324\
 Data File : BG060892.D
 Acq On : 13 Apr 2024 13:46
 Operator : MA/JU
 Sample : PB160208BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160208BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/17/2024

Quant Time: Apr 15 01:16:49 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	53040	20.000	ng	-0.01
21) Naphthalene-d8	10.749	136	214443	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	169699	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	414050	20.000	ng	0.00
76) Chrysene-d12	21.596	240	370862	20.000	ng	# 0.00
86) Perylene-d12	24.733	264	407835	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	363197	114.073	ng	0.00
7) Phenol-d6	7.118	99	530638	112.278	ng	0.00
23) Nitrobenzene-d5	9.104	82	335087	89.164	ng	0.00
42) 2,4,6-Tribromophenol	16.073	330	313194	162.583	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	881646	76.249	ng	-0.01
79) Terphenyl-d14	19.950	244	1686039	80.052	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.458	88	37178	28.481	ng	99
3) Pyridine	3.840	79	99854	25.360	ng	91
4) n-Nitrosodimethylamine	3.758	42	88257	37.498	ng	95
6) Aniline	7.271	93	123892	20.759	ng	98
8) 2-Chlorophenol	7.518	128	149067	41.298	ng	96
9) Benzaldehyde	7.083	77	22882m	8.780	ng	
10) Phenol	7.148	94	194401	40.305	ng	97
11) bis(2-Chloroethyl)ether	7.371	93	132264	33.965	ng	99
12) 1,3-Dichlorobenzene	7.841	146	147251	39.229	ng	97
13) 1,4-Dichlorobenzene	7.988	146	154237	40.275	ng	98
14) 1,2-Dichlorobenzene	8.305	146	147338	39.259	ng	100
15) Benzyl Alcohol	8.188	79	145301	37.955	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.470	45	330887	37.651	ng	99
17) 2-Methylphenol	8.393	107	134428	36.919	ng	98
18) Hexachloroethane	9.034	117	53315	39.199	ng	# 85
19) n-Nitroso-di-n-propyla...	8.758	70	122829	34.080	ng	# 98
20) 3+4-Methylphenols	8.717	107	182308	36.563	ng	94
22) Acetophenone	8.769	105	231798	39.202	ng	# 96
24) Nitrobenzene	9.145	77	168539	40.735	ng	95
25) Isophorone	9.674	82	320970	37.081	ng	99
26) 2-Nitrophenol	9.856	139	79629	53.170	ng	90
27) 2,4-Dimethylphenol	9.921	122	112685	32.408	ng	99
28) bis(2-Chloroethoxy)met...	10.156	93	187344	36.660	ng	98
29) 2,4-Dichlorophenol	10.397	162	147669	46.248	ng	97
30) 1,2,4-Trichlorobenzene	10.608	180	156359	43.246	ng	98
31) Naphthalene	10.797	128	439050	37.849	ng	99
32) Benzoic acid	10.062	122	113433	48.886	ng	93
33) 4-Chloroaniline	10.902	127	83256	15.452	ng	97
34) Hexachlorobutadiene	11.090	225	114384	47.470	ng	98
35) Caprolactam	11.666	113	52326m	41.377	ng	
36) 4-Chloro-3-methylphenol	12.030	107	177554	43.530	ng	99
37) 2-Methylnaphthalene	12.406	142	320245	37.551	ng	96
38) 1-Methylnaphthalene	12.624	142	300016	37.238	ng	95
40) 1,2,4,5-Tetrachloroben...	12.771	216	213404	43.742	ng	98
41) Hexachlorocyclopentadiene	12.759	237	232326	93.654	ng	97
43) 2,4,6-Trichlorophenol	13.012	196	150118	47.787	ng	94

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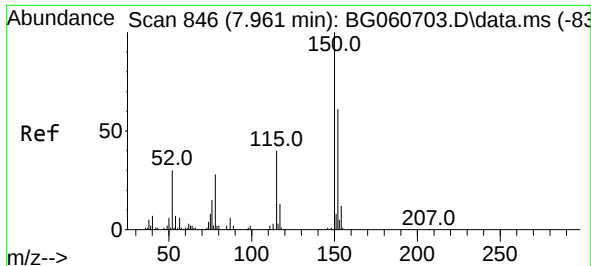
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.088	196	164861	43.975	ng	96
46) 1,1'-Biphenyl	13.417	154	466674	38.933	ng	98
47) 2-Chloronaphthalene	13.458	162	364398	40.013	ng	98
48) 2-Nitroaniline	13.652	65	141838	48.033	ng	94
49) Acenaphthylene	14.304	152	617908	40.381	ng	99
50) Dimethylphthalate	14.040	163	517239	38.562	ng	100
51) 2,6-Dinitrotoluene	14.151	165	107901	45.153	ng	95
52) Acenaphthene	14.645	154	432494m	45.016	ng	
53) 3-Nitroaniline	14.480	138	74210	29.346	ng	96
54) 2,4-Dinitrophenol	14.692	184	141205	151.242	ng	90
55) Dibenzofuran	14.980	168	582198	38.418	ng	99
56) 4-Nitrophenol	14.798	139	194757	99.322	ng	96
57) 2,4-Dinitrotoluene	14.945	165	157806	50.252	ng	90
58) Fluorene	15.632	166	479709	39.441	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.203	232	158375	48.475	ng	# 96
60) Diethylphthalate	15.409	149	513870	38.080	ng	97
61) 4-Chlorophenyl-phenyle...	15.626	204	261409	40.626	ng	96
62) 4-Nitroaniline	15.644	138	114298	46.608	ng	97
63) Azobenzene	15.920	77	476324	36.223	ng	95
65) 4,6-Dinitro-2-methylph...	15.708	198	100912	57.436	ng	98
66) n-Nitrosodiphenylamine	15.844	169	452756	38.265	ng	96
67) 4-Bromophenyl-phenylether	16.519	248	182234	43.368	ng	95
68) Hexachlorobenzene	16.637	284	210978	44.476	ng	98
69) Atrazine	16.795	200	179522	43.388	ng	99
70) Pentachlorophenol	16.983	266	283060	91.451	ng	94
71) Phenanthrene	17.371	178	828184	38.460	ng	99
72) Anthracene	17.465	178	840233	38.421	ng	99
73) Carbazole	17.730	167	753728	39.090	ng	99
74) Di-n-butylphthalate	18.305	149	884363	36.789	ng	100
75) Fluoranthene	19.386	202	1014026	38.807	ng	97
77) Benzidine	19.563	184	215768	22.095	ng	97
78) Pyrene	19.745	202	1059500	40.849	ng	100
80) Butylbenzylphthalate	20.650	149	386081	40.805	ng	94
81) Benzo(a)anthracene	21.578	228	1047842	40.083	ng	100
82) 3,3'-Dichlorobenzidine	21.490	252	260033	29.459	ng	97
83) Chrysene	21.643	228	990178	39.298	ng	99
84) Bis(2-ethylhexyl)phtha...	21.507	149	559868	37.125	ng	98
85) Di-n-octyl phthalate	22.700	149	971658	39.550	ng	100
87) Indeno(1,2,3-cd)pyrene	28.300	276	1243916	43.312	ng	# 96
88) Benzo(b)fluoranthene	23.746	252	1028388	43.892	ng	98
89) Benzo(k)fluoranthene	23.811	252	1006852	41.984	ng	# 97
90) Benzo(a)pyrene	24.586	252	956311	42.000	ng	97
91) Dibenzo(a,h)anthracene	28.370	278	1028817	42.495	ng	# 95
92) Benzo(g,h,i)perylene	29.404	276	954822	40.543	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.947 min Scan# 84
Delta R.T. -0.014 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

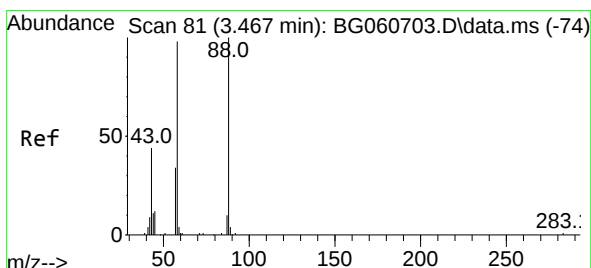
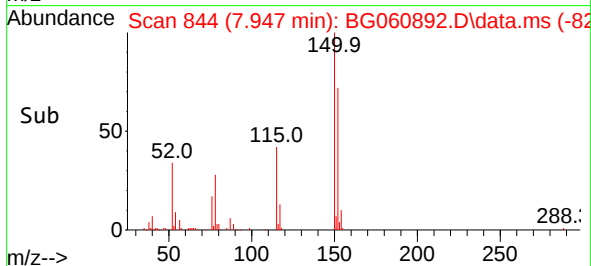
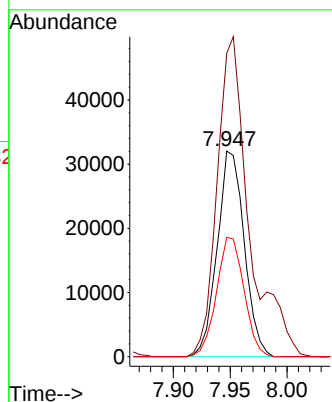
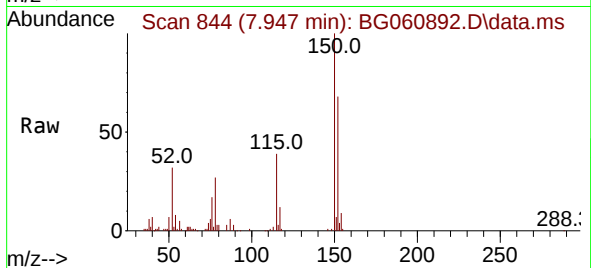
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Tgt Ion:152 Resp: 53040
Ion Ratio Lower Upper
152 100
150 147.6 130.2 195.4
115 58.0 51.6 77.4

Manual Integrations

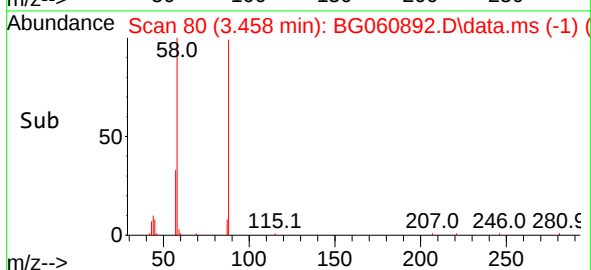
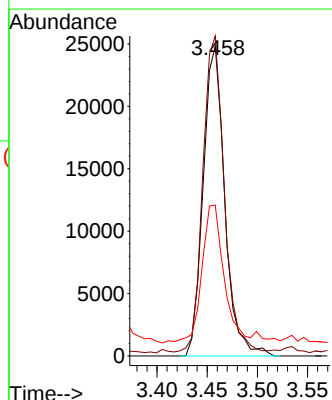
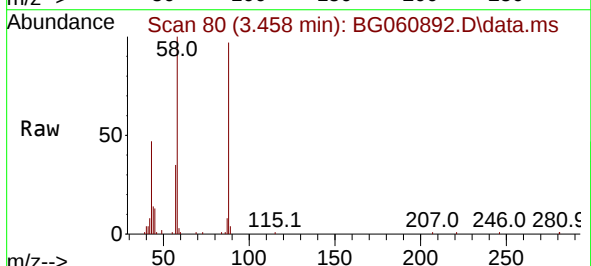
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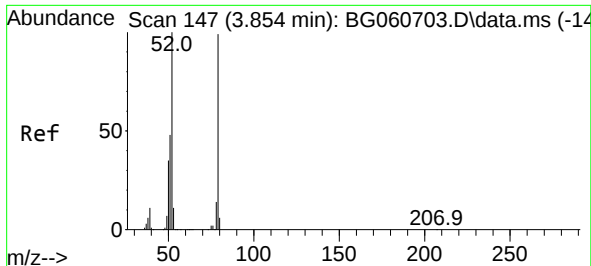
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#2
1,4-Dioxane
Concen: 28.481 ng
RT: 3.458 min Scan# 80
Delta R.T. -0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

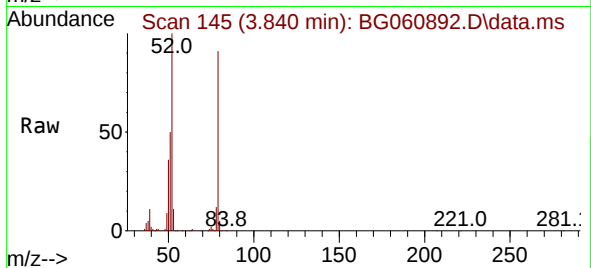
Tgt Ion: 88 Resp: 37178
Ion Ratio Lower Upper
88 100
58 100.8 80.9 121.3
43 45.6 35.4 53.0





#3
Pyridine
Concen: 25.360 ng
RT: 3.840 min Scan# 147
Delta R.T. -0.015 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

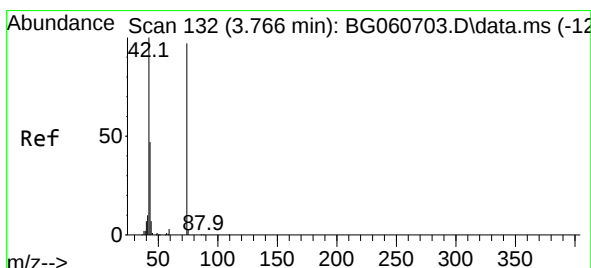
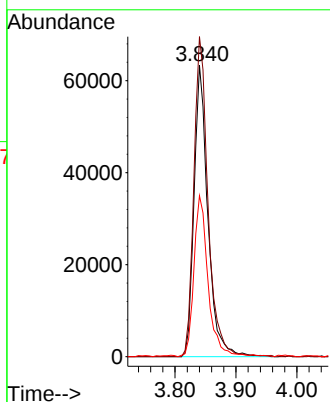
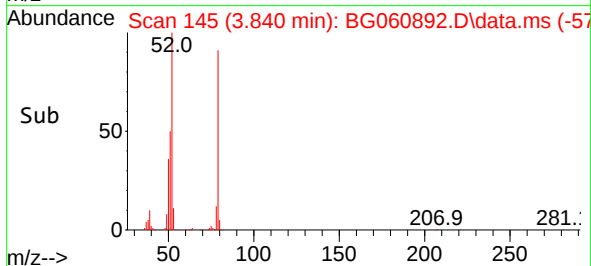
Instrument :
BNA_G
ClientSampleId :
PB160208BSD



Tgt Ion: 79 Resp: 99854
Ion Ratio Lower Upper
79 100
52 109.9 80.6 120.8
51 55.3 39.1 58.7

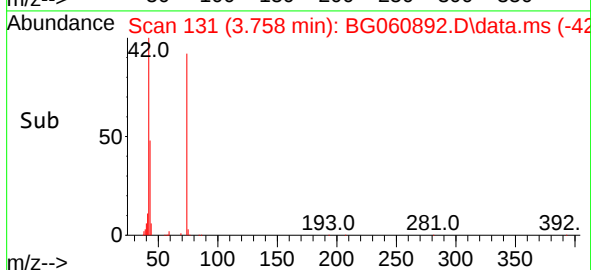
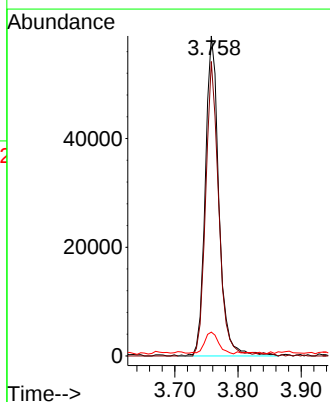
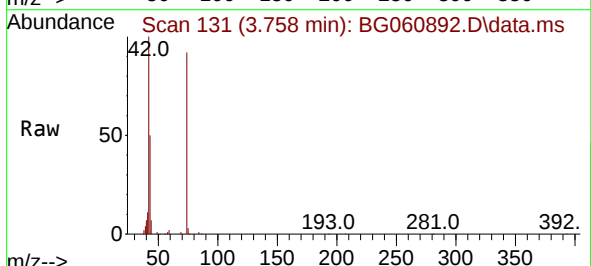
Manual Integrations
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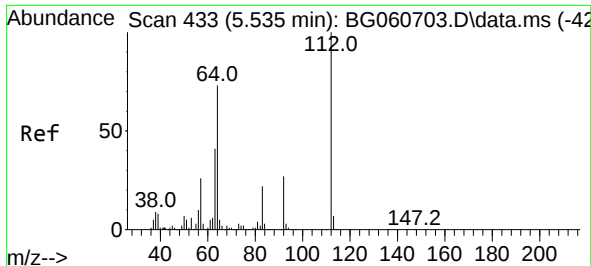
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#4
n-Nitrosodimethylamine
Concen: 37.498 ng
RT: 3.758 min Scan# 131
Delta R.T. -0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Tgt Ion: 42 Resp: 88257
Ion Ratio Lower Upper
42 100
74 92.0 77.8 116.8
44 7.4 6.8 10.2





#5
2-Fluorophenol
Concen: 114.073 ng
RT: 5.538 min Scan# 41
Delta R.T. 0.003 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

PB160208BSD

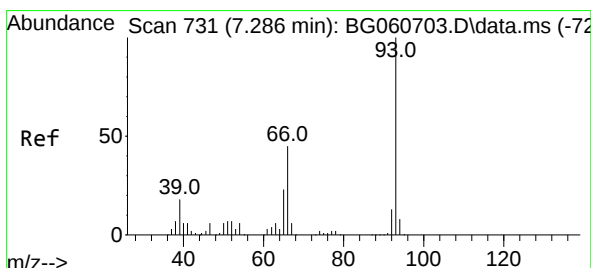
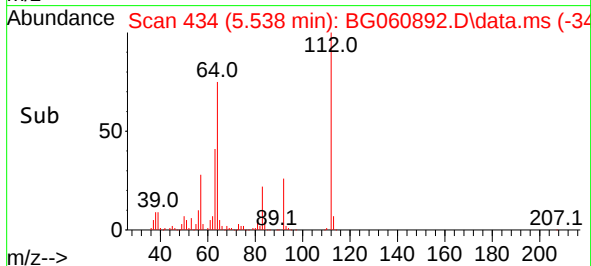
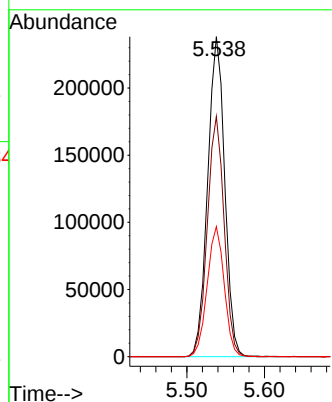
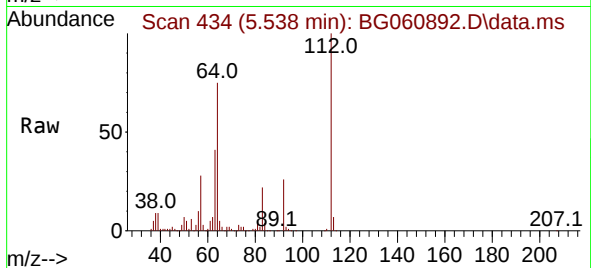
Tgt Ion:112 Resp: 36319
Ion Ratio Lower Upper
112 100
64 75.1 58.4 87.6
63 40.7 32.7 49.1

Manual Integrations

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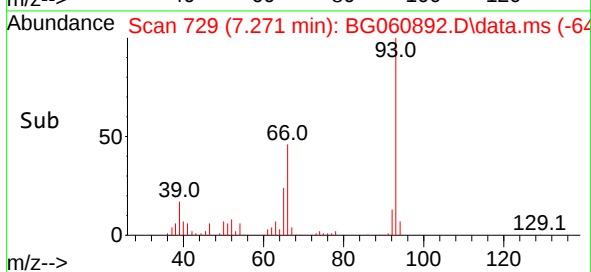
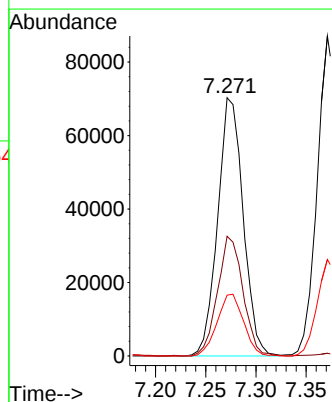
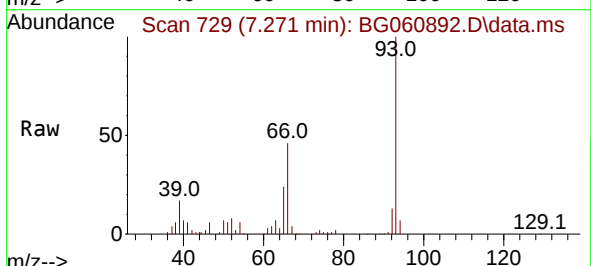
Reviewed By :Yogesh Patel 04/16/2024

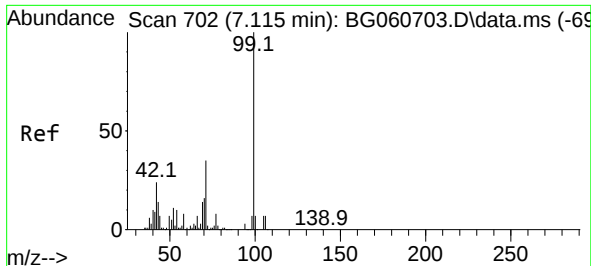
Supervised By :mohammad ahmed 04/17/2024



#6
Aniline
Concen: 20.759 ng
RT: 7.271 min Scan# 729
Delta R.T. -0.015 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

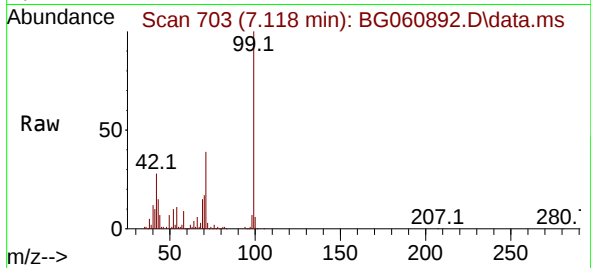
Tgt Ion: 93 Resp: 123892
Ion Ratio Lower Upper
93 100
66 46.3 36.1 54.1
65 23.5 18.1 27.1





#7
Phenol-d6
Concen: 112.278 ng
RT: 7.118 min Scan# 702
Delta R.T. 0.003 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

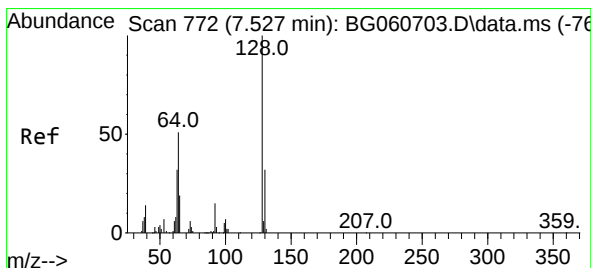
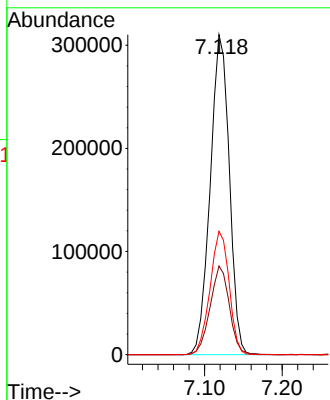
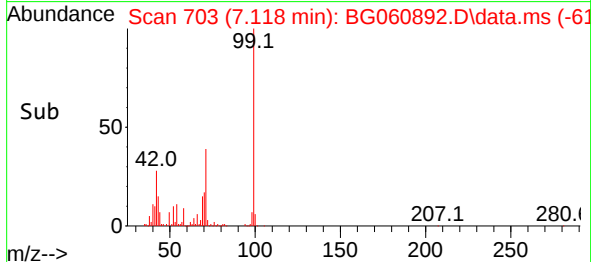
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 99 Resp: 530638
Ion Ratio Lower Upper
99 100
42 27.7 19.4 29.2
71 38.6 28.2 42.2

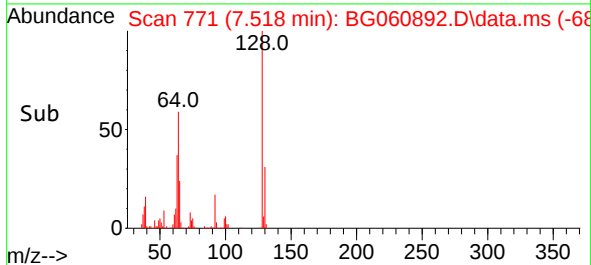
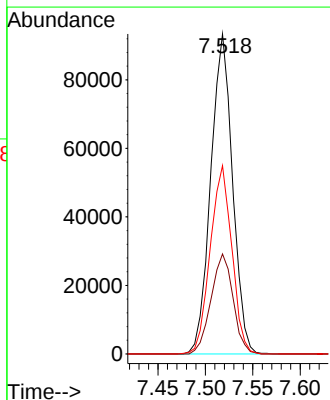
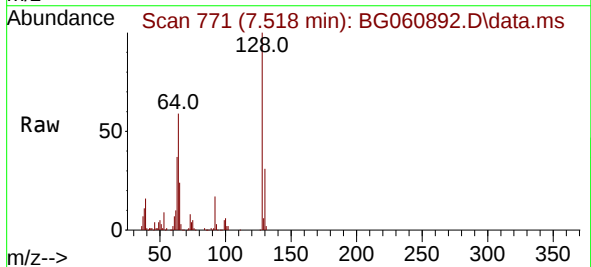
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#8
2-Chlorophenol
Concen: 41.298 ng
RT: 7.518 min Scan# 771
Delta R.T. -0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Tgt Ion:128 Resp: 149067
Ion Ratio Lower Upper
128 100
130 31.2 12.3 52.3
64 58.8 35.0 75.0





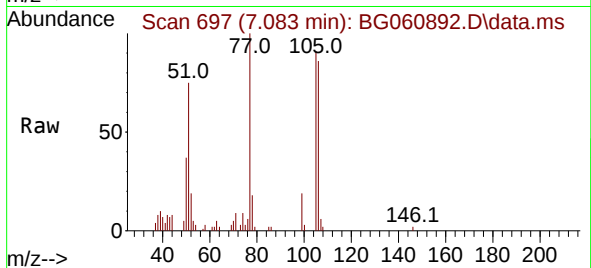
#9
Benzaldehyde
Concen: 8.780 ng m
RT: 7.083 min Scan# 699
Delta R.T. -0.015 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

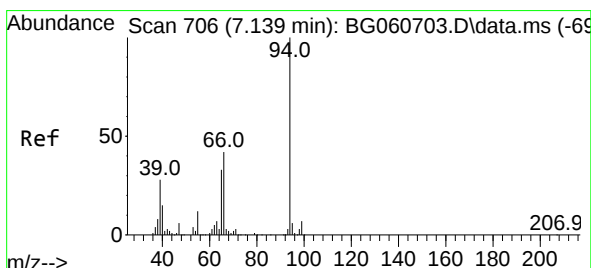
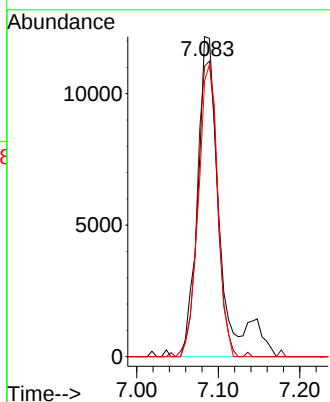
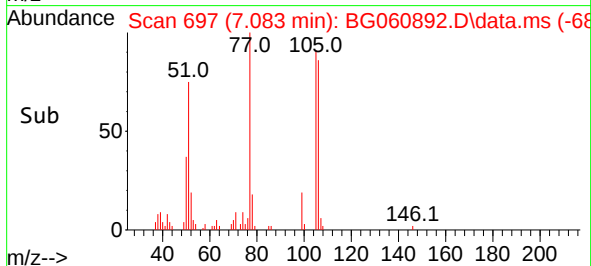
PB160208BSD



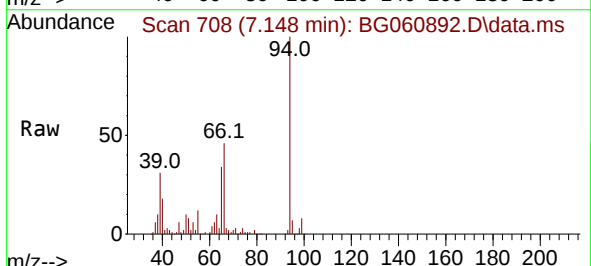
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Ion Ratio Lower Upper
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105 90.7 76.0 116.0
106 86.3 70.3 110.3

Manual Integrations
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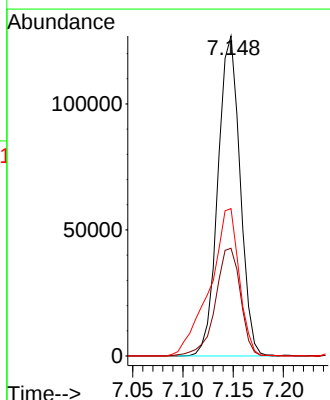
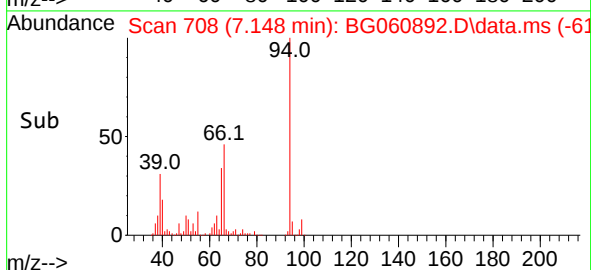
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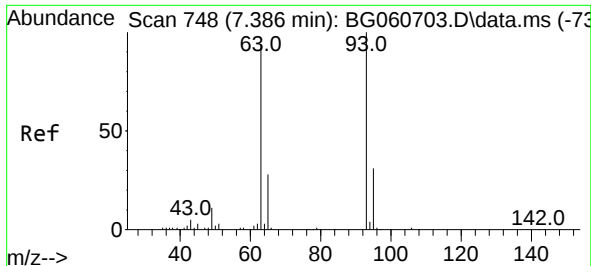


#10
Phenol
Concen: 40.305 ng
RT: 7.148 min Scan# 708
Delta R.T. 0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46



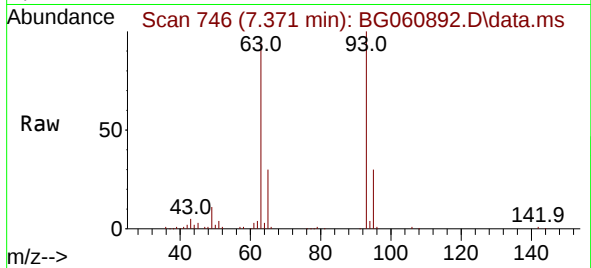
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Ion Ratio Lower Upper
94 100
65 33.7 13.3 53.3
66 46.0 22.9 62.9





#11
bis(2-Chloroethyl)ether
Concen: 33.965 ng
RT: 7.371 min Scan# 748
Delta R.T. -0.015 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

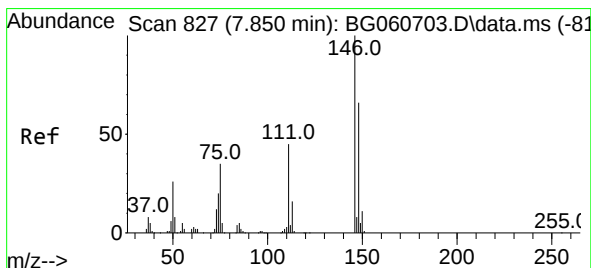
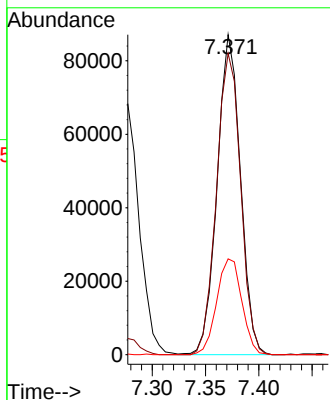
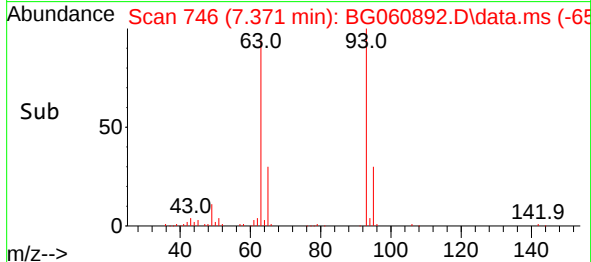
Instrument :
BNA_G
ClientSampleId :
PB160208BSD



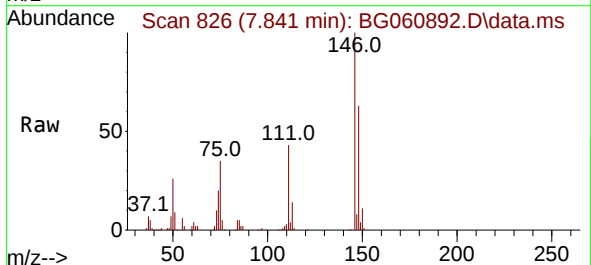
Tgt Ion: 93 Resp: 132264
Ion Ratio Lower Upper
93 100
63 94.2 73.7 113.7
95 30.0 11.2 51.2

Manual Integrations
APPROVED

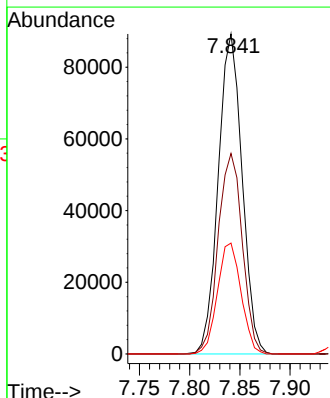
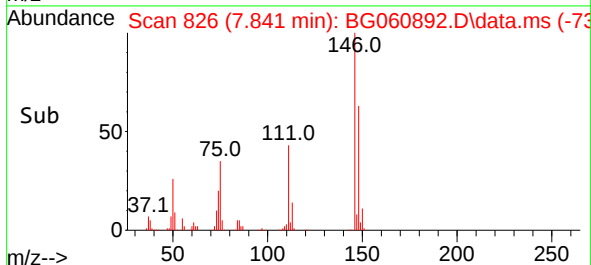
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

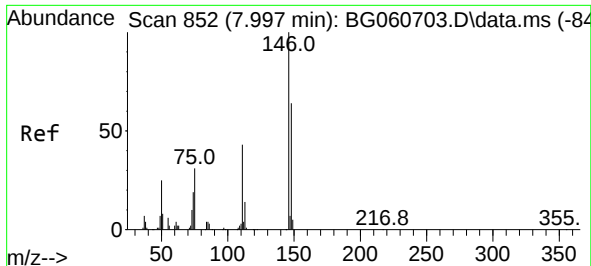


#12
1,3-Dichlorobenzene
Concen: 39.229 ng
RT: 7.841 min Scan# 826
Delta R.T. -0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46



Tgt Ion:146 Resp: 147251
Ion Ratio Lower Upper
146 100
148 62.6 53.0 79.4
75 34.7 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 40.275 ng

RT: 7.988 min Scan# 81

Delta R.T. -0.009 min

Lab File: BG060892.D

Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

PB160208BSD

Tgt Ion:146 Resp: 15423

Ion Ratio Lower Upper

146 100

148 65.4 51.1 76.7

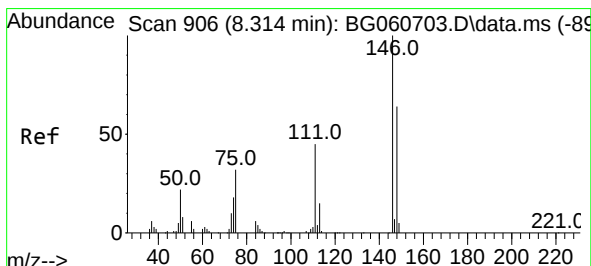
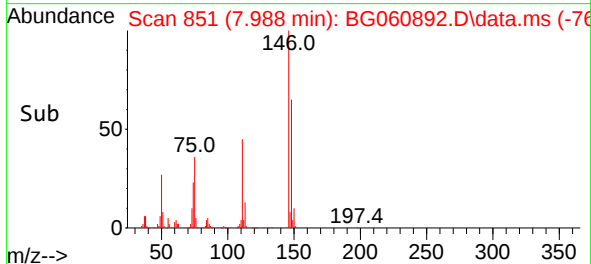
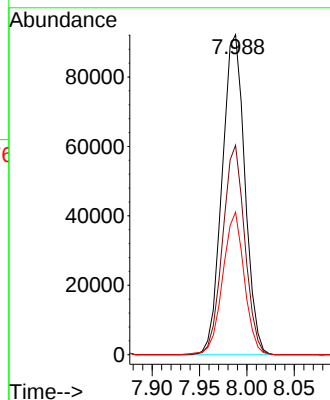
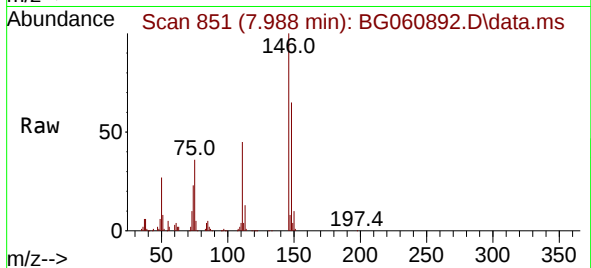
111 44.6 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#14

1,2-Dichlorobenzene

Concen: 39.259 ng

RT: 8.305 min Scan# 905

Delta R.T. -0.009 min

Lab File: BG060892.D

Acq: 13 Apr 2024 13:46

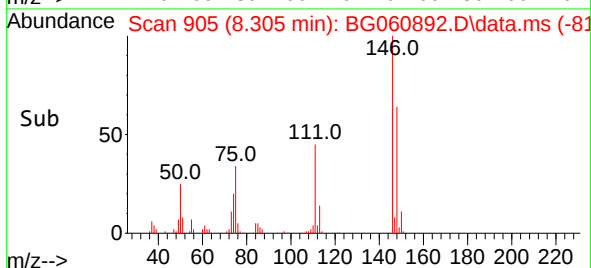
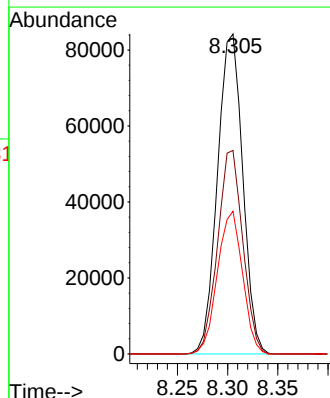
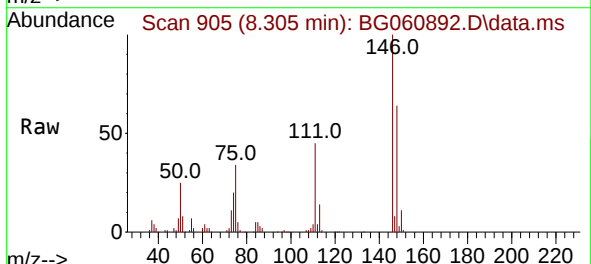
Tgt Ion:146 Resp: 147338

Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.6

111 44.6 36.0 54.0





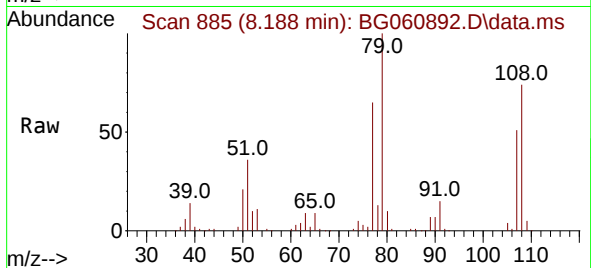
#15
Benzyl Alcohol
Concen: 37.955 ng
RT: 8.188 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

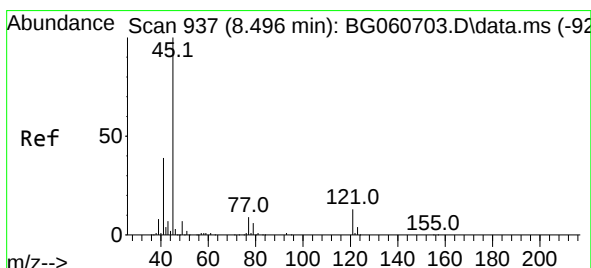
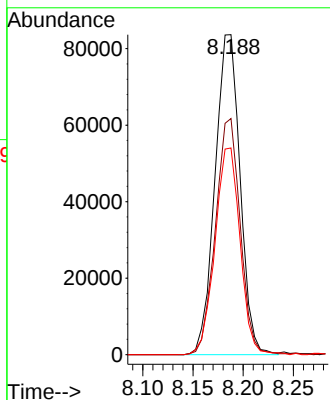
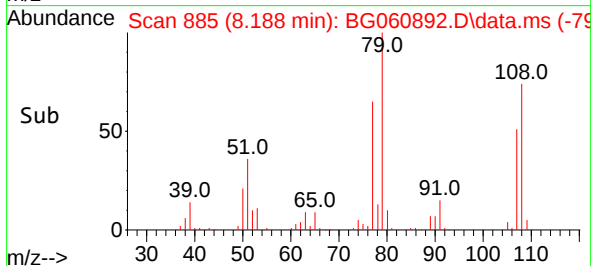
PB160208BSD



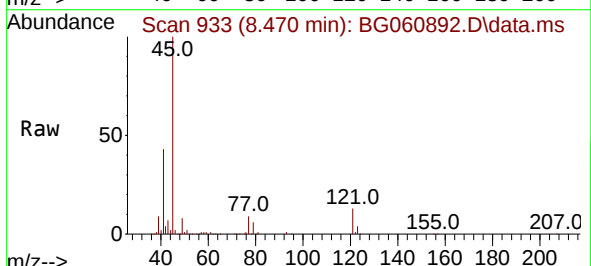
Tgt Ion: 79 Resp: 14530
Ion Ratio Lower Upper
79 100
108 73.8 61.4 92.0
77 64.6 53.6 80.4

Manual Integrations
APPROVED

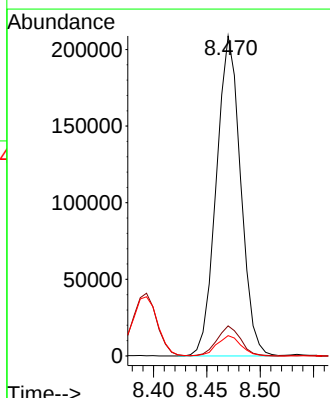
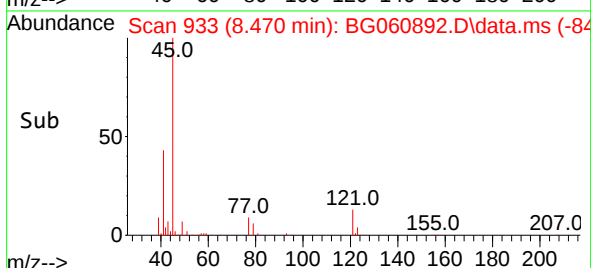
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.651 ng
RT: 8.470 min Scan# 933
Delta R.T. -0.026 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46



Tgt Ion: 45 Resp: 330887
Ion Ratio Lower Upper
45 100
77 9.4 0.0 29.1
79 6.4 0.0 26.5





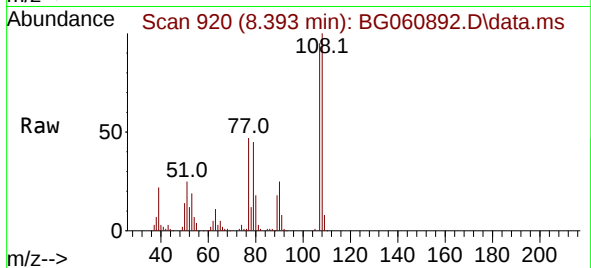
#17
2-Methylphenol
Concen: 36.919 ng
RT: 8.393 min Scan# 919
Delta R.T. 0.003 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

PB160208BSD



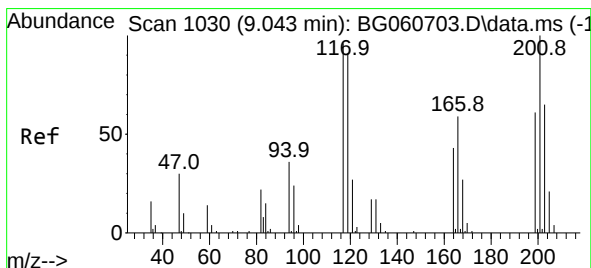
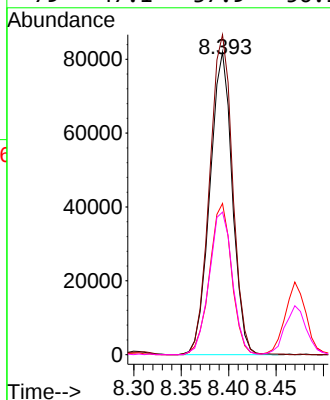
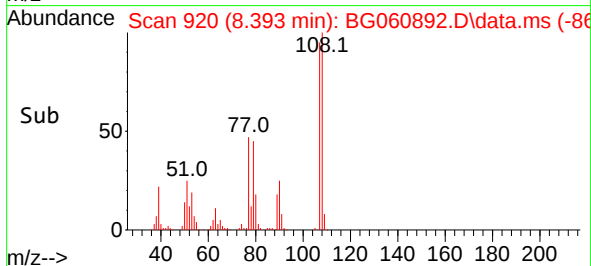
Tgt Ion:107 Resp: 134428
Ion Ratio Lower Upper
107 100
108 105.7 86.4 129.6
77 49.9 38.6 58.0
79 47.1 37.9 56.9

Manual Integrations

APPROVED

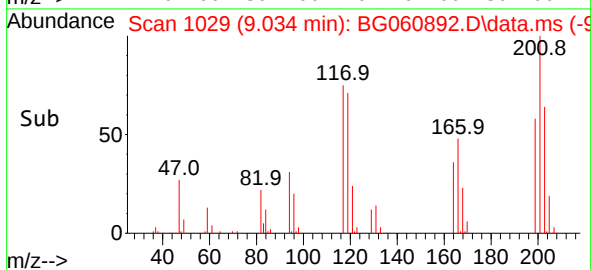
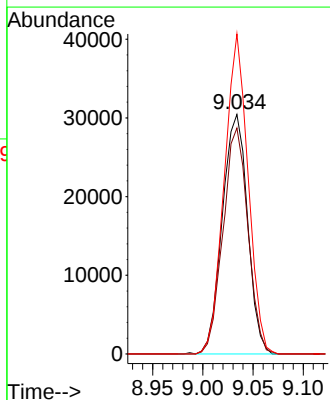
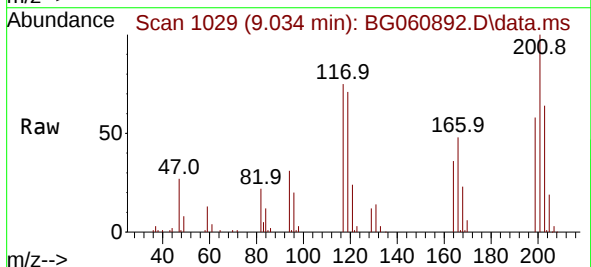
Reviewed By :Yogesh Patel 04/16/2024

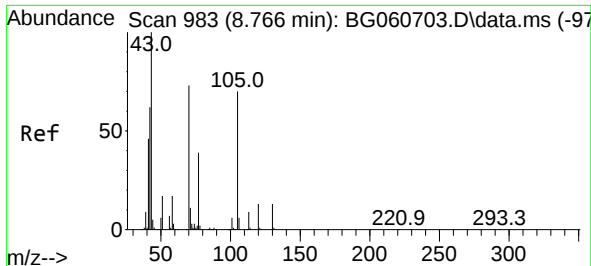
Supervised By :mohammad ahmed 04/17/2024



#18
Hexachloroethane
Concen: 39.199 ng
RT: 9.034 min Scan# 1029
Delta R.T. -0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Tgt Ion:117 Resp: 53315
Ion Ratio Lower Upper
117 100
119 94.3 75.7 113.5
201 133.6 83.4 125.2#





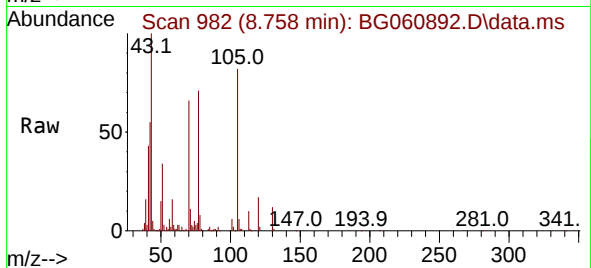
#19
n-Nitroso-di-n-propylamine
Concen: 34.080 ng
RT: 8.758 min Scan# 982
Delta R.T. -0.008 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

PB160208BSD



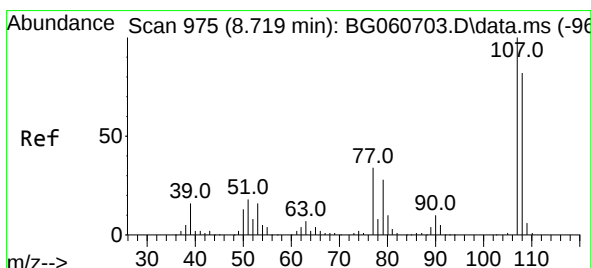
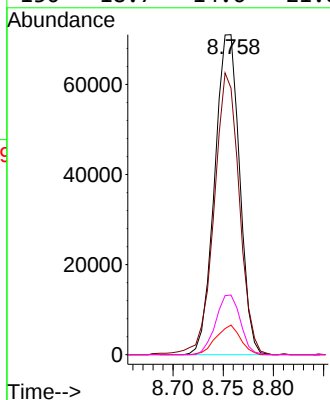
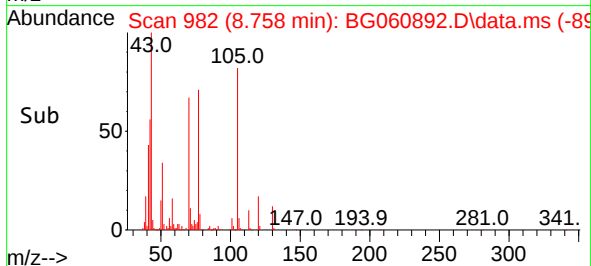
Tgt Ion: 70 Resp: 122829
Ion Ratio Lower Upper
70 100
42 83.3 68.4 102.6
101 9.3 6.1 9.1
130 18.7 14.6 21.8

Manual Integrations

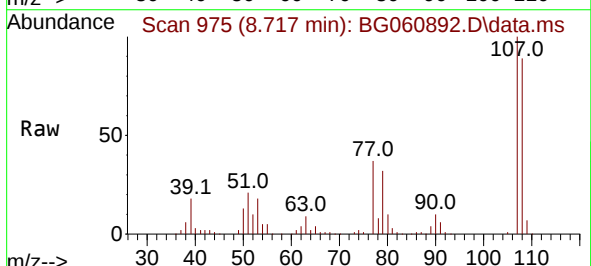
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

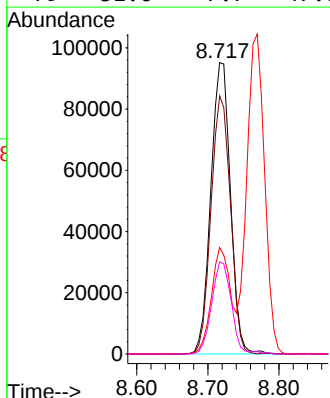
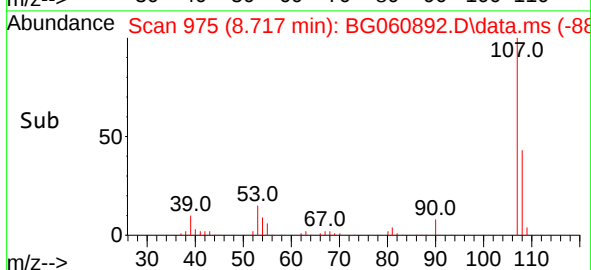
Supervised By :mohammad ahmed 04/17/2024

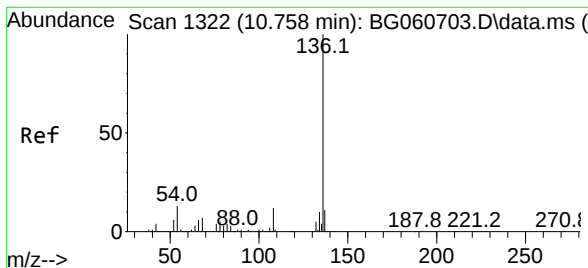


#20
3+4-Methylphenols
Concen: 36.563 ng
RT: 8.717 min Scan# 975
Delta R.T. -0.003 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46



Tgt Ion:107 Resp: 182308
Ion Ratio Lower Upper
107 100
108 88.6 62.2 102.2
77 36.5 14.1 54.1
79 31.6 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.749 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

PB160208BSD

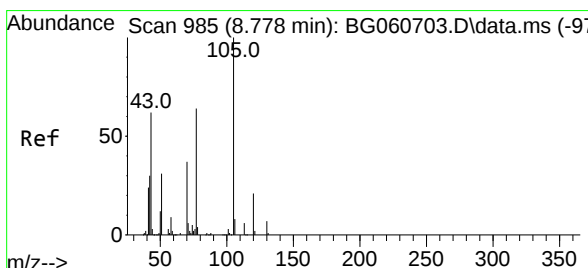
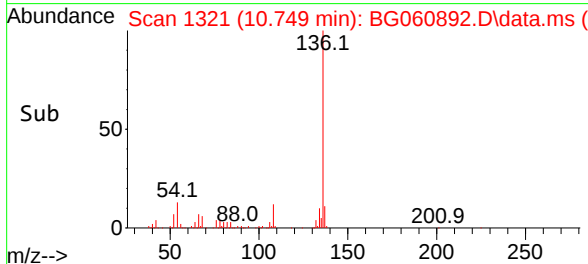
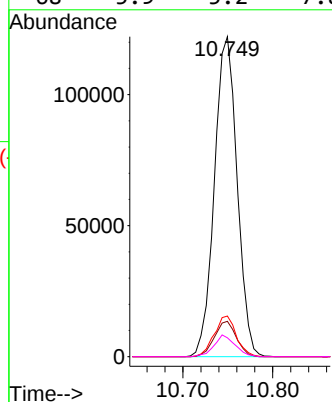
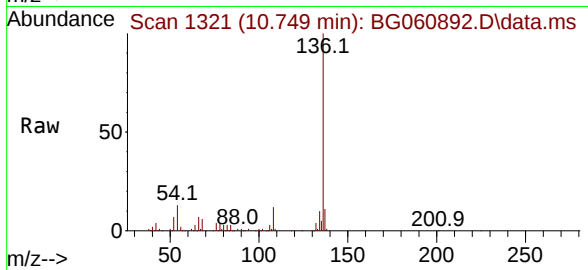
Tgt Ion:136 Resp: 21444
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 12.7 10.2 15.2
68 5.9 5.2 7.8

Manual Integrations

APPROVED

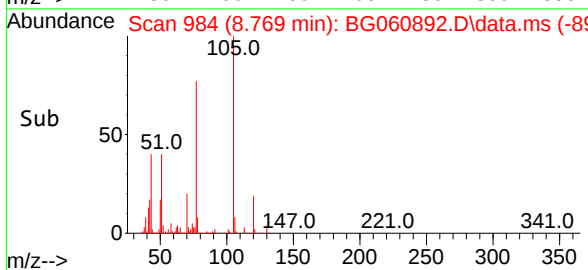
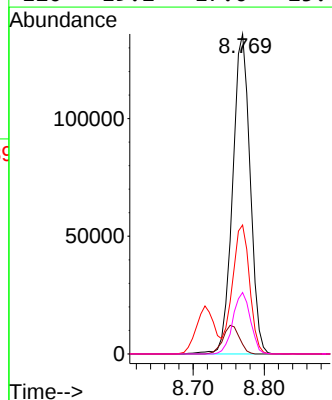
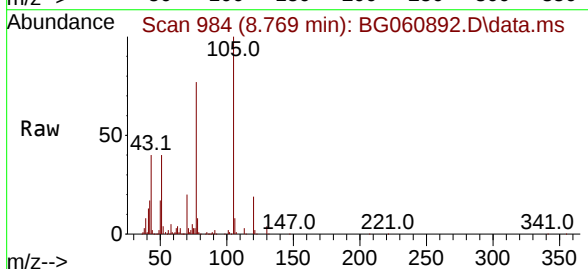
Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#22
Acetophenone
Concen: 39.202 ng
RT: 8.769 min Scan# 984
Delta R.T. -0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Tgt Ion:105 Resp: 231798
Ion Ratio Lower Upper
105 100
71 3.1 4.9 7.3#
51 40.3 31.1 46.7
120 19.2 17.0 25.4





#23
Nitrobenzene-d5
Concen: 89.164 ng
RT: 9.104 min Scan# 1041
Delta R.T. -0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

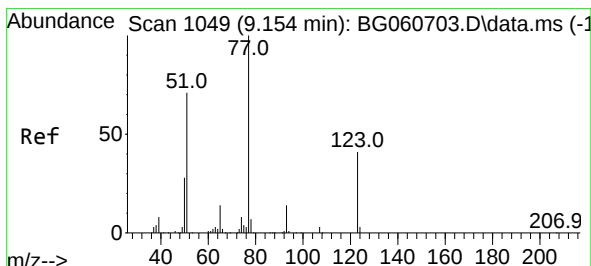
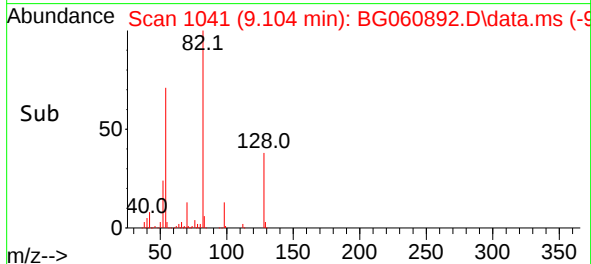
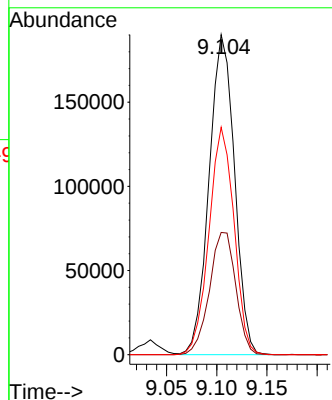
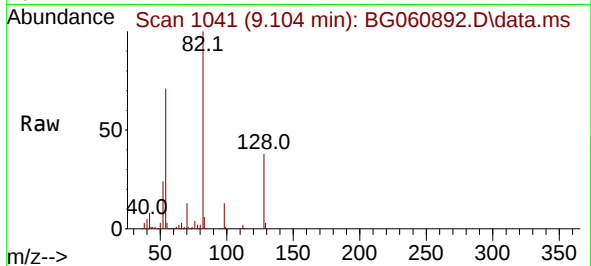
ClientSampleId :

PB160208BSD

Tgt Ion: 82 Resp: 33508
Ion Ratio Lower Upper
82 100
128 38.2 31.2 46.8
54 71.1 53.2 79.8

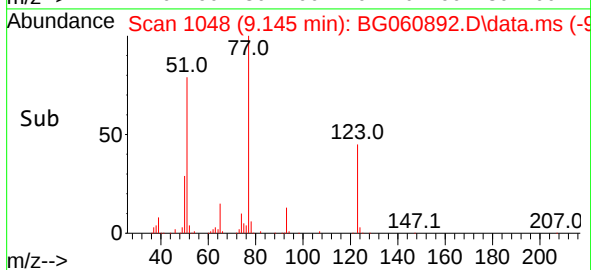
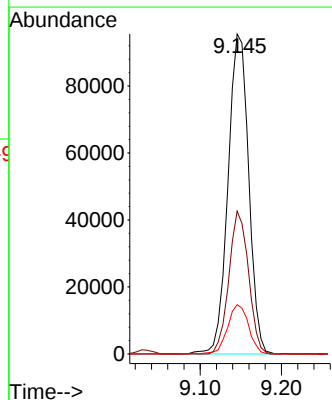
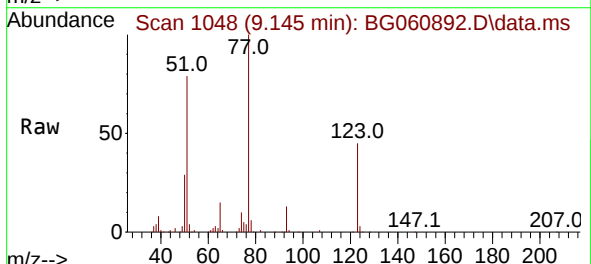
Manual Integrations
APPROVED

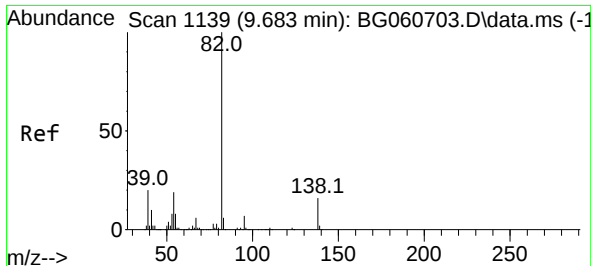
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#24
Nitrobenzene
Concen: 40.735 ng
RT: 9.145 min Scan# 1048
Delta R.T. -0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Tgt Ion: 77 Resp: 168539
Ion Ratio Lower Upper
77 100
123 44.6 32.7 49.1
65 15.4 11.3 16.9





#25
Isophorone
Concen: 37.081 ng
RT: 9.674 min Scan# 1138
Delta R.T. -0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

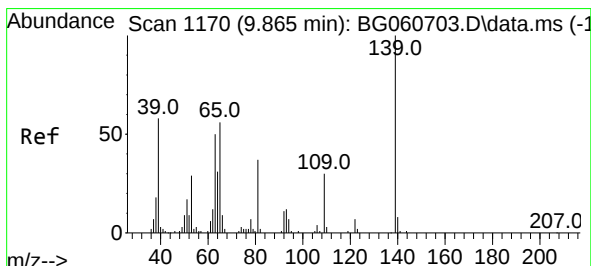
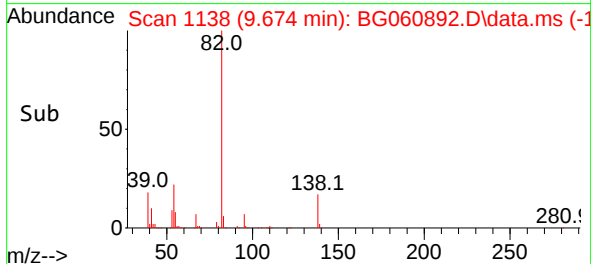
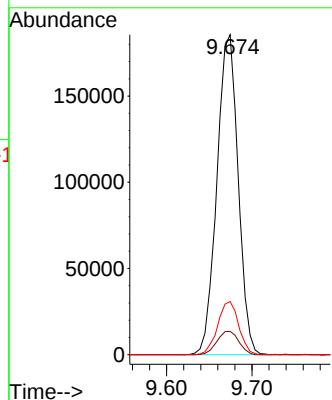
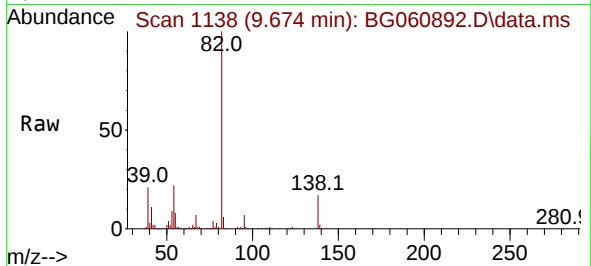
PB160208BSD

Tgt Ion: 82 Resp: 320970
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 16.6 13.0 19.4

Manual Integrations

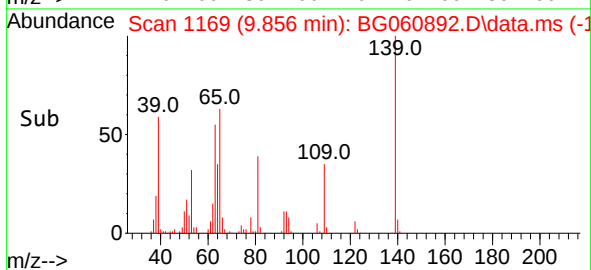
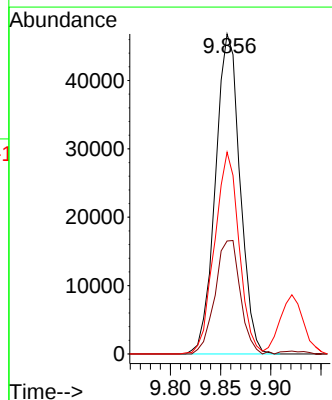
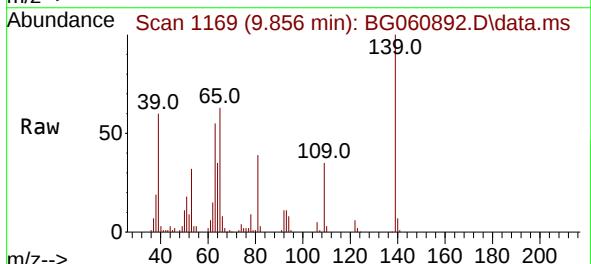
APPROVED

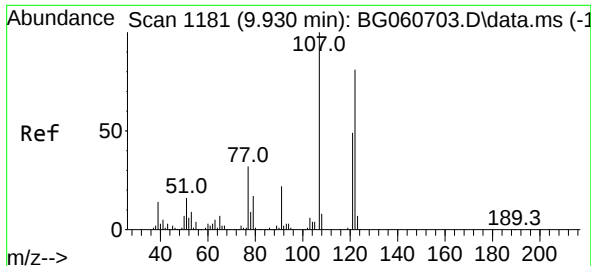
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#26
2-Nitrophenol
Concen: 53.170 ng
RT: 9.856 min Scan# 1169
Delta R.T. -0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Tgt Ion:139 Resp: 79629
Ion Ratio Lower Upper
139 100
109 35.3 23.9 35.9
65 63.0 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 32.408 ng

RT: 9.921 min Scan# 1181

Delta R.T. -0.009 min

Lab File: BG060892.D

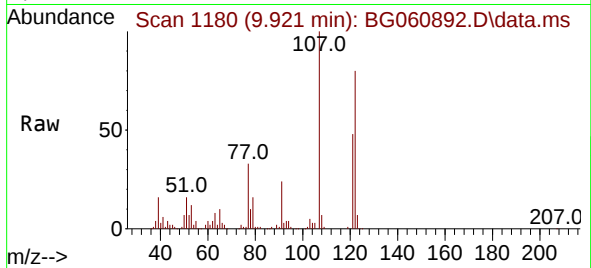
Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

PB160208BSD



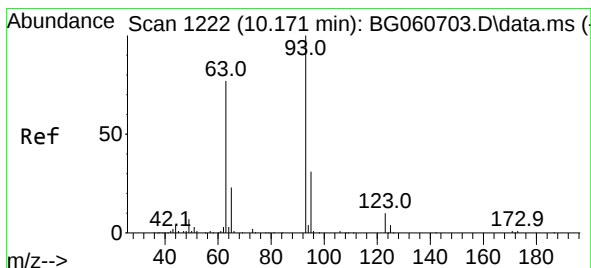
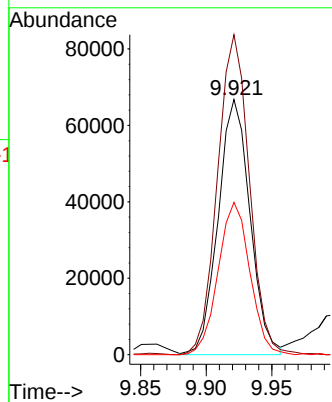
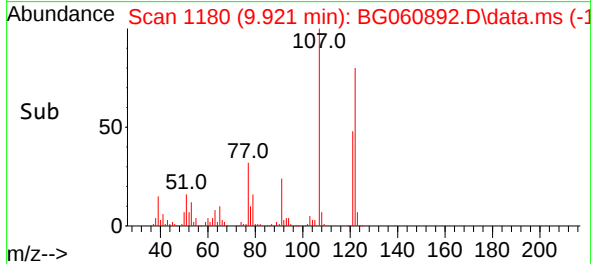
Tgt Ion:	122	Resp:	11268
Ion	Ratio	Lower	Upper
122	100		
107	125.4	98.6	147.8
121	59.7	48.1	72.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#28

bis(2-Chloroethoxy)methane

Concen: 36.660 ng

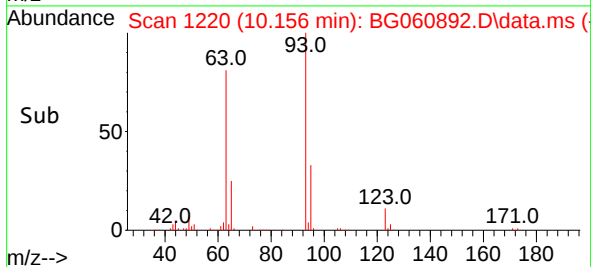
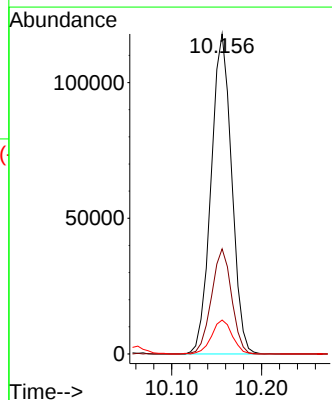
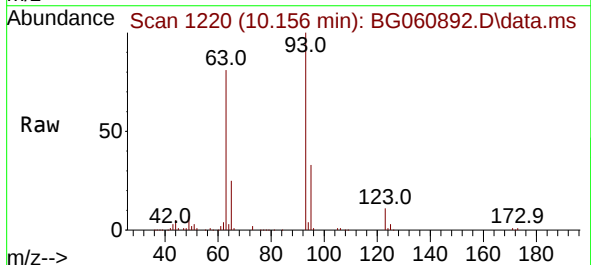
RT: 10.156 min Scan# 1220

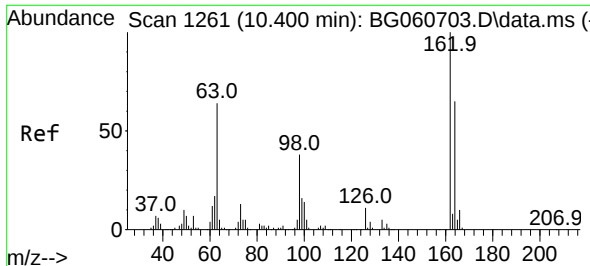
Delta R.T. -0.015 min

Lab File: BG060892.D

Acq: 13 Apr 2024 13:46

Tgt Ion:	93	Resp:	187344
Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.1	37.7
123	10.6	8.0	12.0





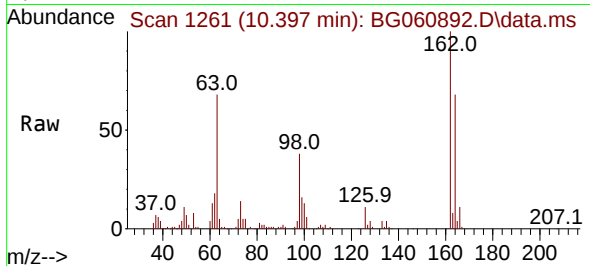
#29
2,4-Dichlorophenol
Concen: 46.248 ng
RT: 10.397 min Scan# 1261
Delta R.T. -0.003 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

PB160208BSD

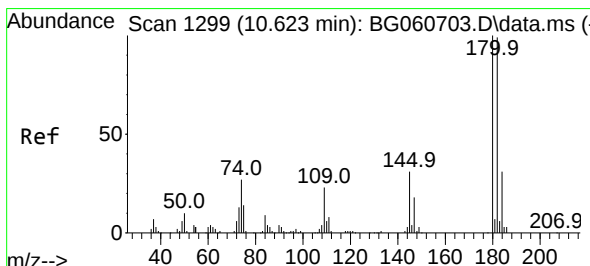
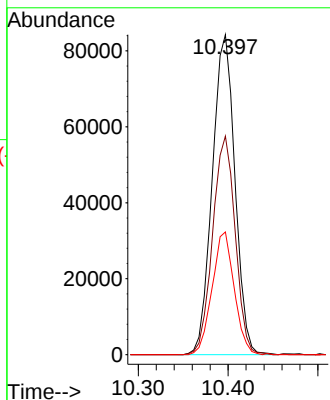
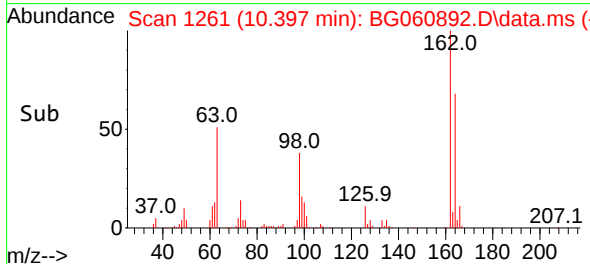


Tgt Ion:162 Resp: 147669
Ion Ratio Lower Upper
162 100
164 68.3 45.2 85.2
98 38.4 17.7 57.7

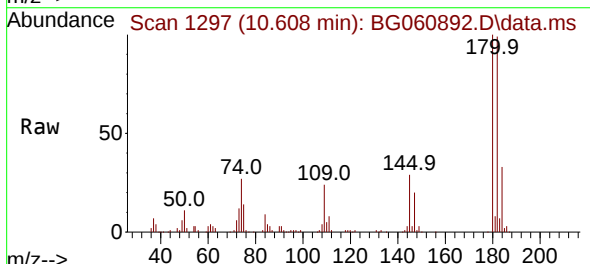
Manual Integrations

APPROVED

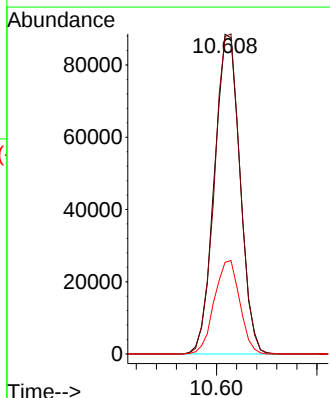
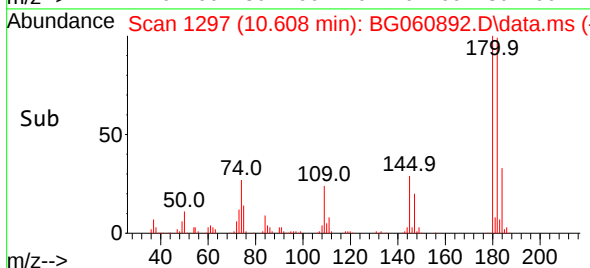
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

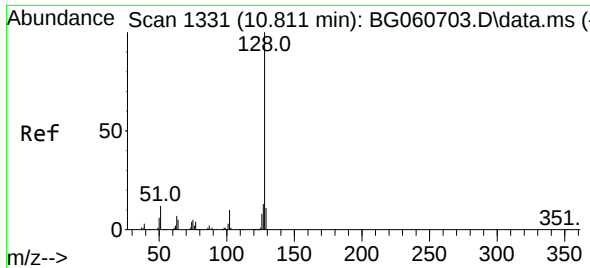


#30
1,2,4-Trichlorobenzene
Concen: 43.246 ng
RT: 10.608 min Scan# 1297
Delta R.T. -0.015 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46



Tgt Ion:180 Resp: 156359
Ion Ratio Lower Upper
180 100
182 99.3 79.0 118.4
145 28.7 24.9 37.3





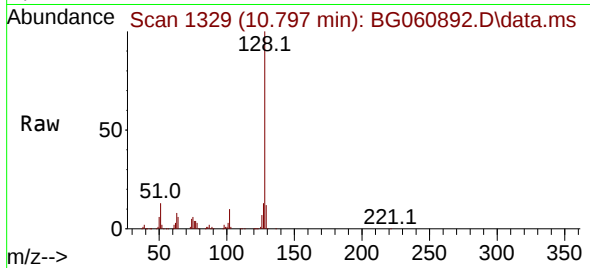
#31
Naphthalene
Concen: 37.849 ng
RT: 10.797 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

PB160208BSD



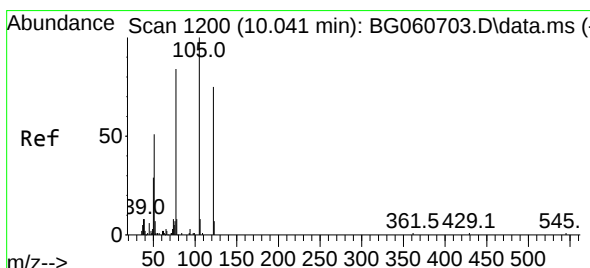
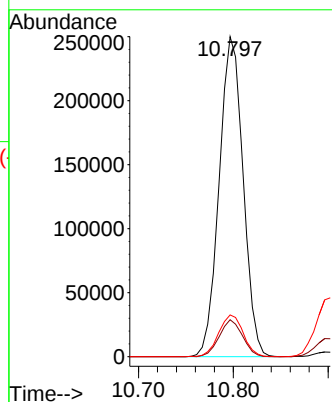
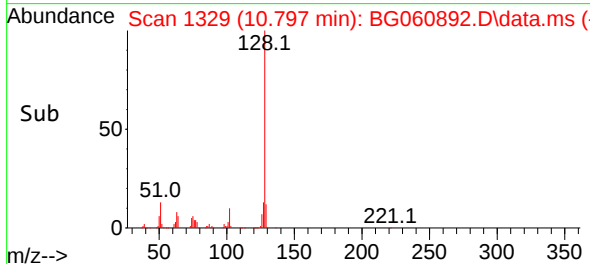
Tgt Ion:128 Resp: 439050
Ion Ratio Lower Upper
128 100
129 11.6 8.5 12.7
127 13.0 10.5 15.7

Manual Integrations

APPROVED

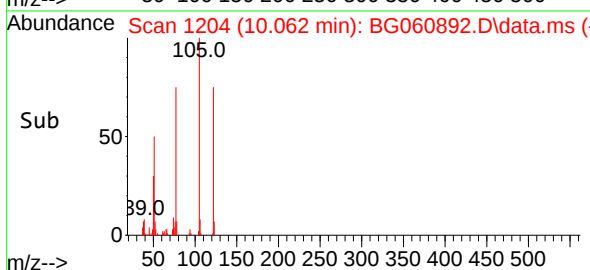
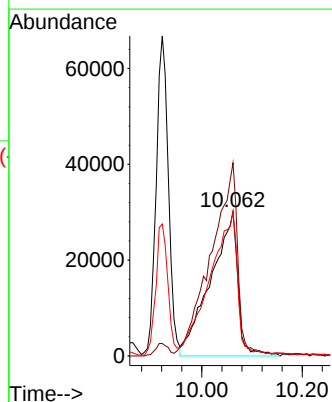
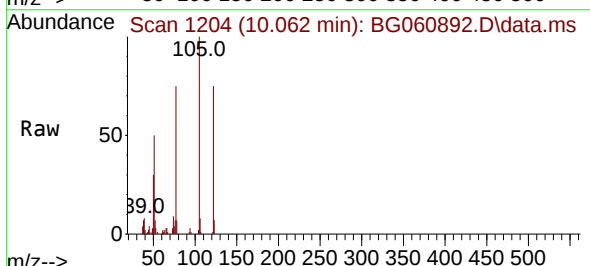
Reviewed By :Yogesh Patel 04/16/2024

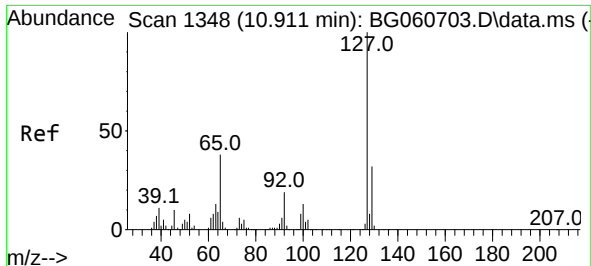
Supervised By :mohammad ahmed 04/17/2024



#32
Benzoic acid
Concen: 48.886 ng
RT: 10.062 min Scan# 1204
Delta R.T. 0.021 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Tgt Ion:122 Resp: 113433
Ion Ratio Lower Upper
122 100
105 133.6 104.5 144.5
77 99.8 85.3 125.3





#33
4-Chloroaniline
Concen: 15.452 ng
RT: 10.902 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

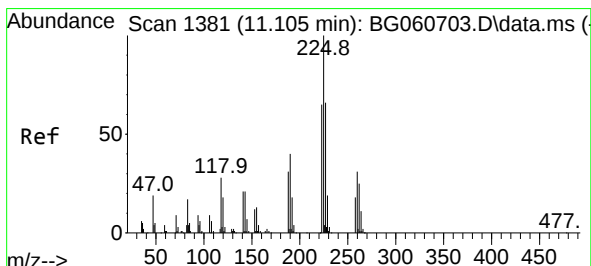
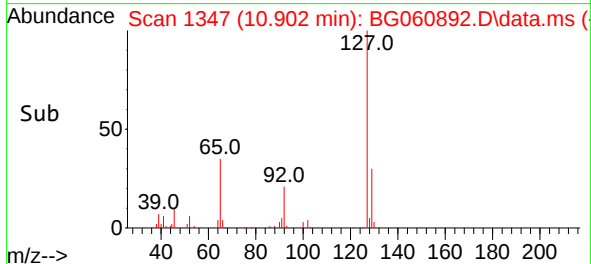
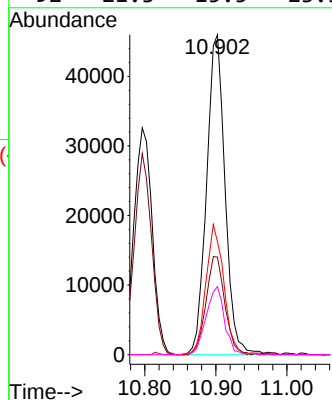
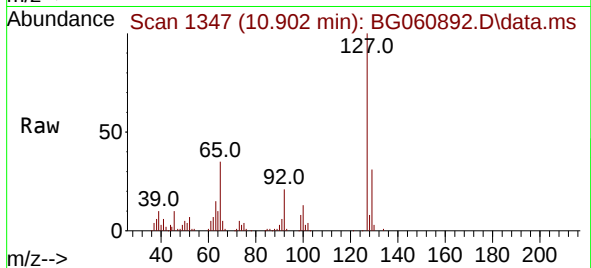
PB160208BSD

Tgt Ion:127	Resp:	83250
Ion Ratio	Lower	Upper
127 100		
129 30.5	25.3	37.9
65 35.2	30.2	45.2
92 21.3	15.5	23.3

Manual Integrations

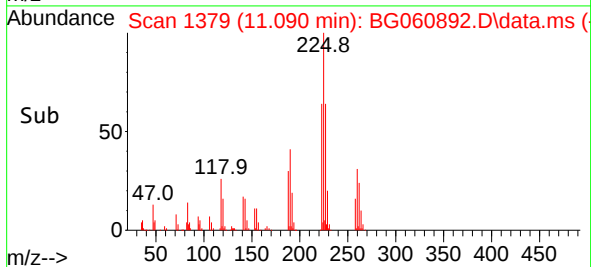
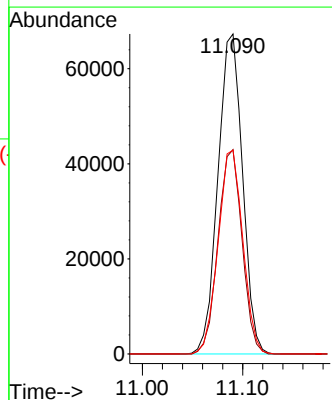
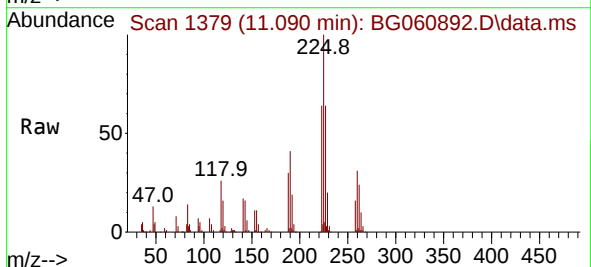
APPROVED

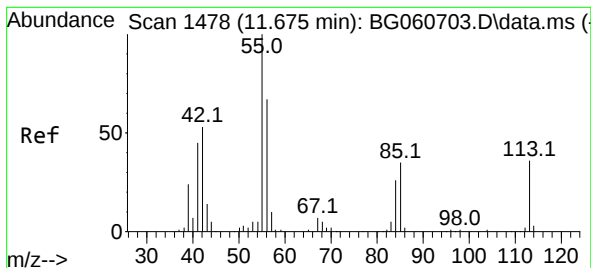
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#34
Hexachlorobutadiene
Concen: 47.470 ng
RT: 11.090 min Scan# 1379
Delta R.T. -0.015 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Tgt Ion:225	Resp:	114384
Ion Ratio	Lower	Upper
225 100		
223 63.9	52.0	78.0
227 63.7	52.5	78.7





#35
Caprolactam
Concen: 41.377 ng m
RT: 11.666 min Scan# 1478
Delta R.T. -0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

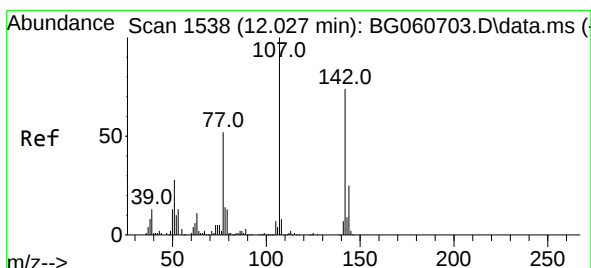
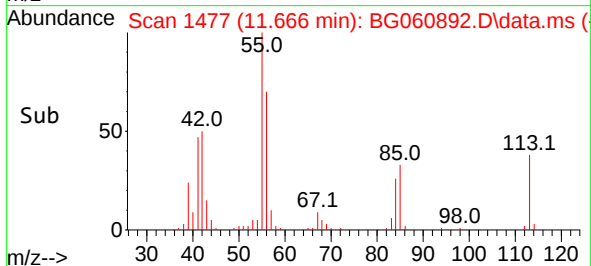
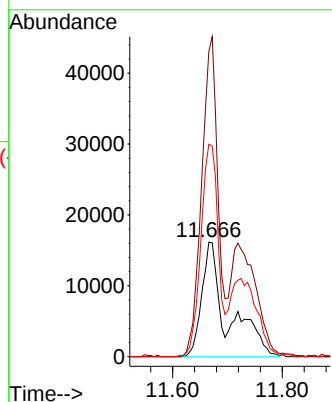
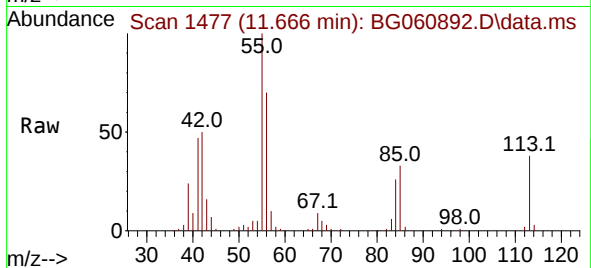
PB160208BSD

Tgt Ion:113 Resp: 52320
Ion Ratio Lower Upper
113 100
55 266.7 258.0 298.0
56 185.6 166.3 206.3

Manual Integrations

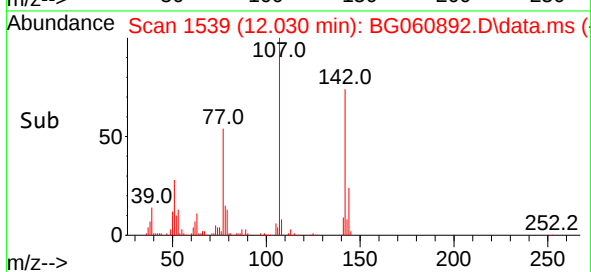
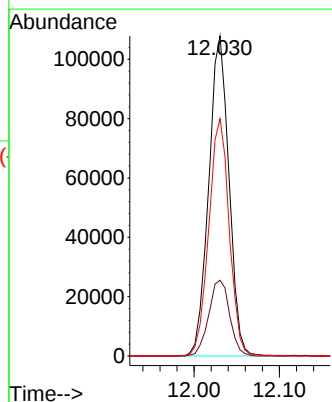
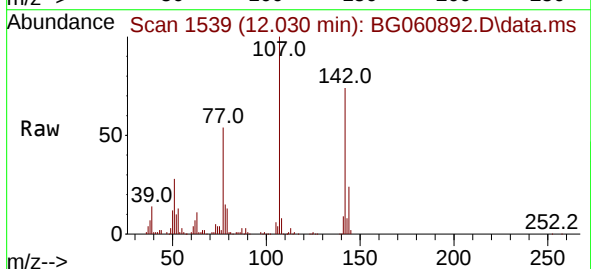
APPROVED

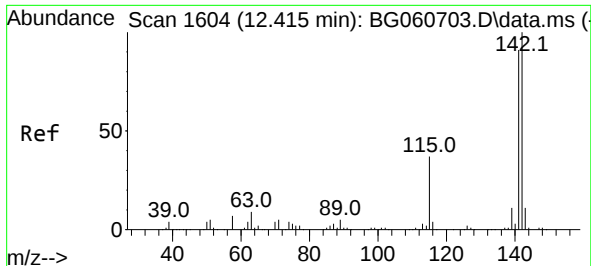
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#36
4-Chloro-3-methylphenol
Concen: 43.530 ng
RT: 12.030 min Scan# 1539
Delta R.T. 0.003 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Tgt Ion:107 Resp: 177554
Ion Ratio Lower Upper
107 100
144 23.7 20.0 30.0
142 74.1 59.2 88.8





#37
2-Methylnaphthalene
Concen: 37.551 ng
RT: 12.406 min Scan# 1603
Delta R.T. -0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

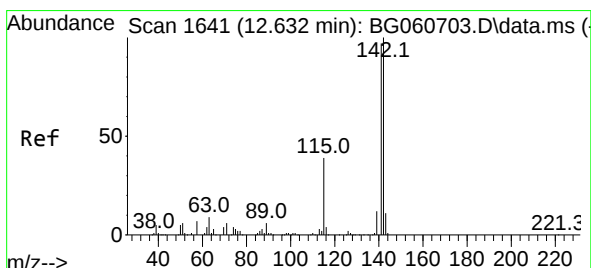
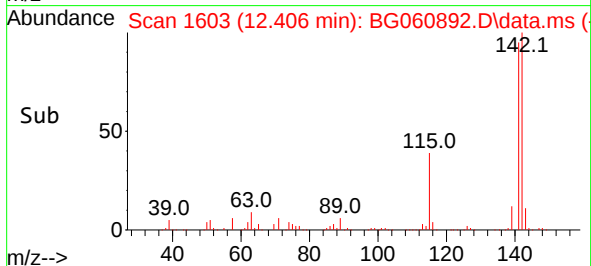
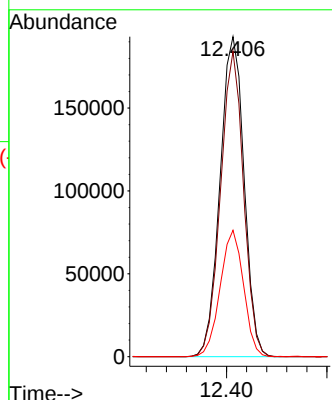
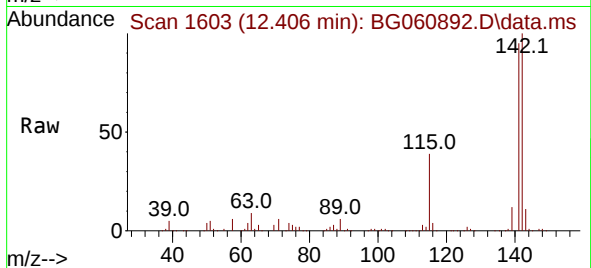
PB160208BSD

Tgt Ion:142 Resp: 32024
Ion Ratio Lower Upper
142 100
141 95.4 72.7 109.1
115 39.5 29.9 44.9

Manual Integrations

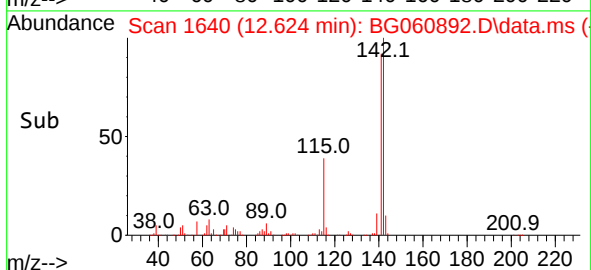
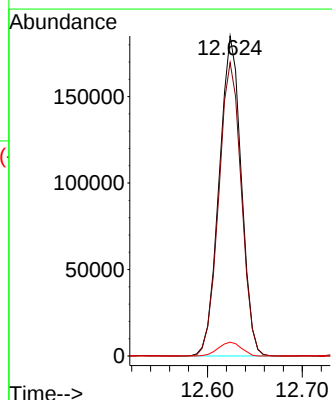
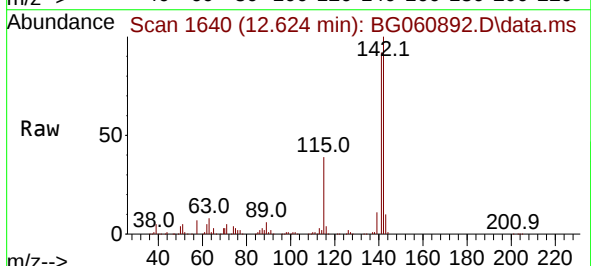
APPROVED

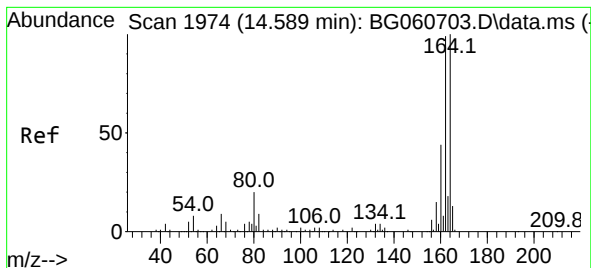
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#38
1-Methylnaphthalene
Concen: 37.238 ng
RT: 12.624 min Scan# 1640
Delta R.T. -0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Tgt Ion:142 Resp: 300016
Ion Ratio Lower Upper
142 100
141 91.7 77.7 116.5
116 4.3 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.580 min Scan# 1974

Delta R.T. -0.009 min

Lab File: BG060892.D

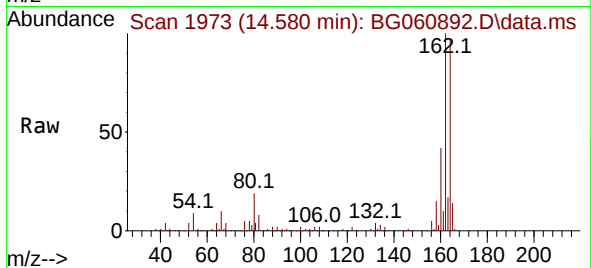
Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

PB160208BSD



Tgt Ion:164 Resp: 169699

Ion Ratio Lower Upper

164 100

162 103.0 79.5 119.3

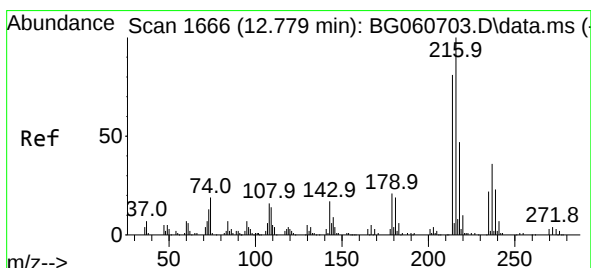
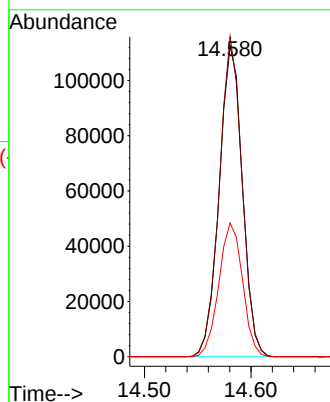
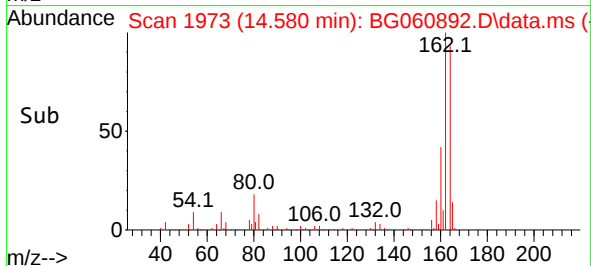
160 43.0 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.742 ng

RT: 12.771 min Scan# 1665

Delta R.T. -0.009 min

Lab File: BG060892.D

Acq: 13 Apr 2024 13:46

Tgt Ion:216 Resp: 213404

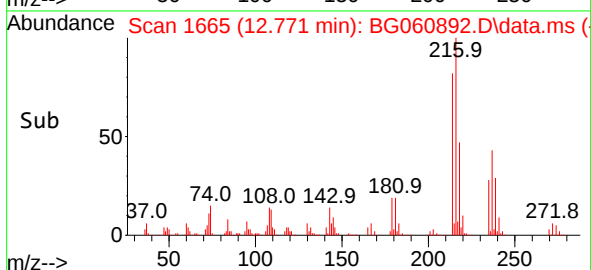
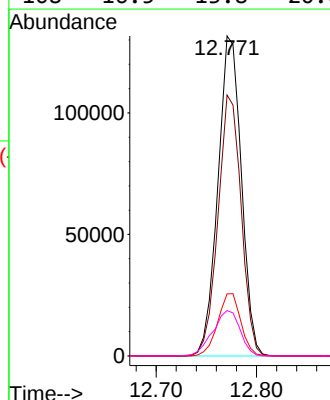
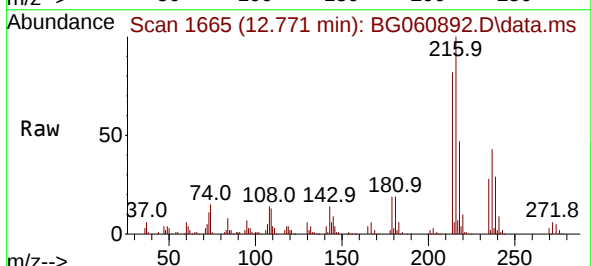
Ion Ratio Lower Upper

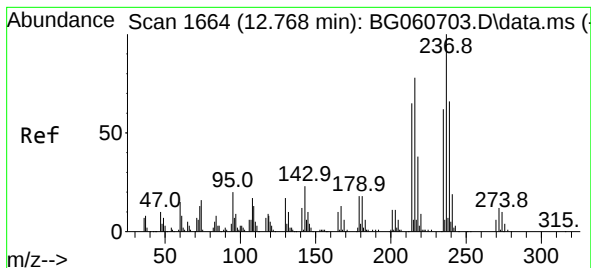
216 100

214 80.5 63.1 94.7

179 19.2 16.7 25.1

108 16.5 13.8 20.6





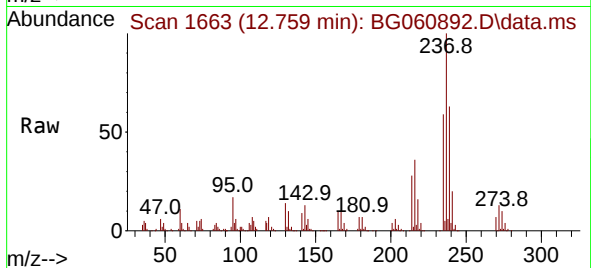
#41
Hexachlorocyclopentadiene
Concen: 93.654 ng
RT: 12.759 min Scan# 1663
Delta R.T. -0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

PB160208BSD

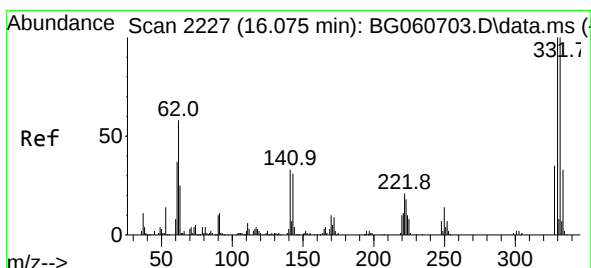
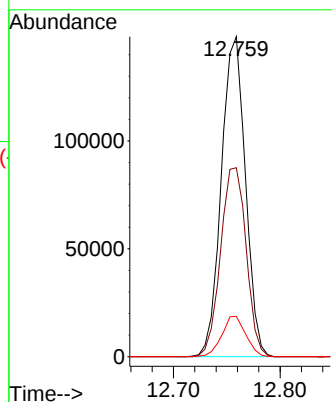
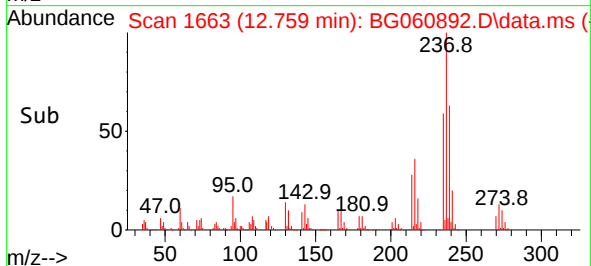


Tgt Ion:237 Resp: 232320
Ion Ratio Lower Upper
237 100
235 59.0 42.0 82.0
272 12.6 0.0 32.4

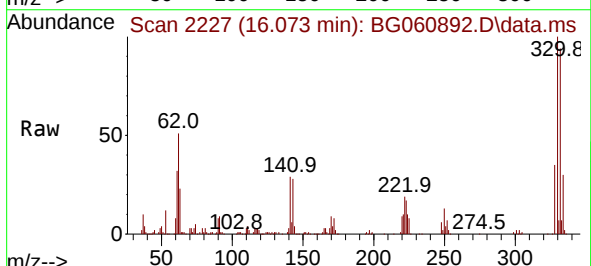
Manual Integrations

APPROVED

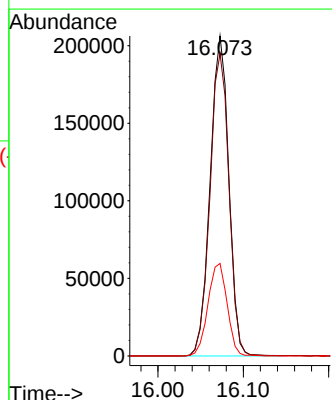
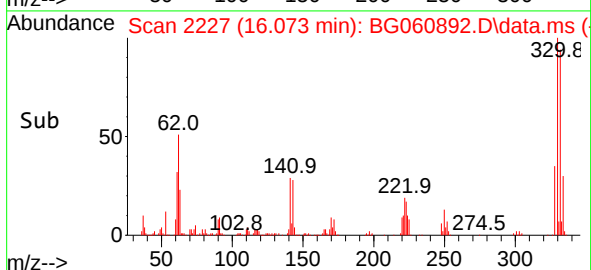
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

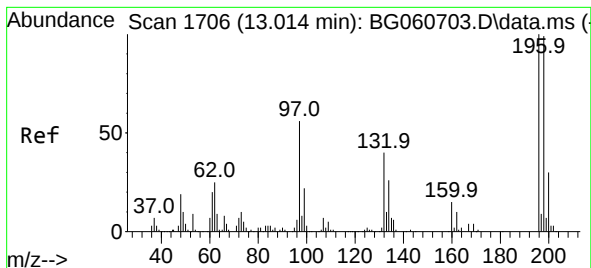


#42
2,4,6-Tribromophenol
Concen: 162.583 ng
RT: 16.073 min Scan# 2227
Delta R.T. -0.003 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46



Tgt Ion:330 Resp: 313194
Ion Ratio Lower Upper
330 100
332 96.1 78.2 117.4
141 29.7 27.0 40.6





#43

2,4,6-Trichlorophenol

Concen: 47.787 ng

RT: 13.012 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG060892.D

Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

PB160208BSD

Tgt Ion:196 Resp: 150118

Ion Ratio Lower Upper

196 100

198 91.9 79.1 118.7

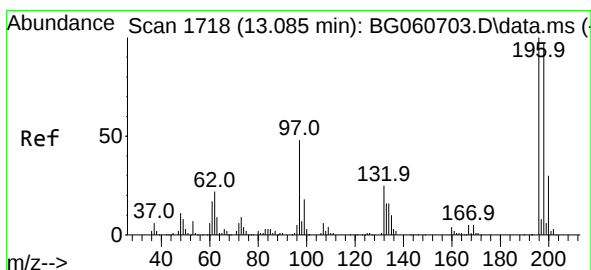
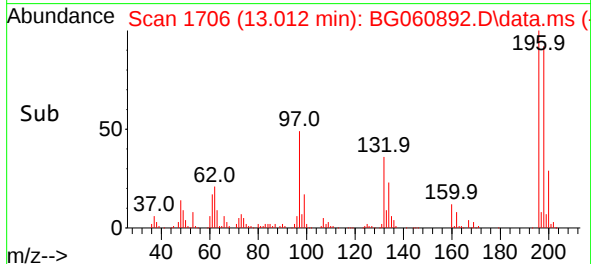
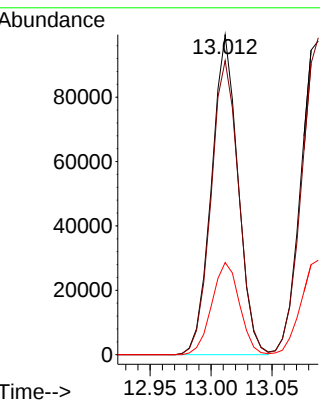
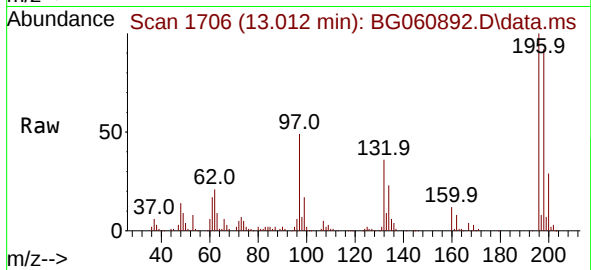
200 28.8 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#44

2,4,5-Trichlorophenol

Concen: 43.975 ng

RT: 13.088 min Scan# 1719

Delta R.T. 0.003 min

Lab File: BG060892.D

Acq: 13 Apr 2024 13:46

Tgt Ion:196 Resp: 164861

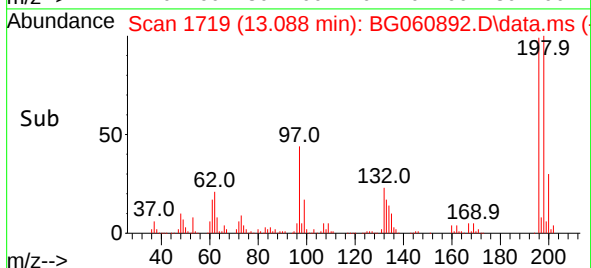
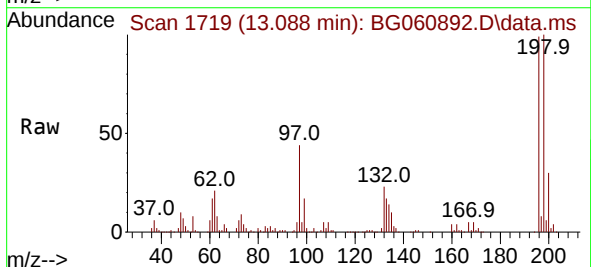
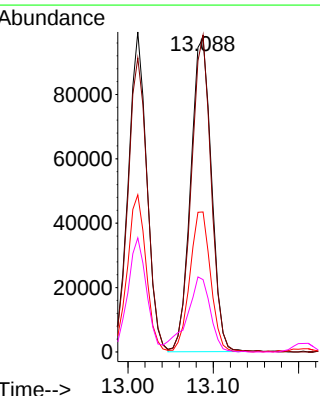
Ion Ratio Lower Upper

196 100

198 101.0 77.8 116.8

97 44.6 38.2 57.4

132 23.0 20.3 30.5





#45
2-Fluorobiphenyl
Concen: 76.249 ng
RT: 13.205 min Scan# 1739
Delta R.T. -0.015 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

PB160208BSD

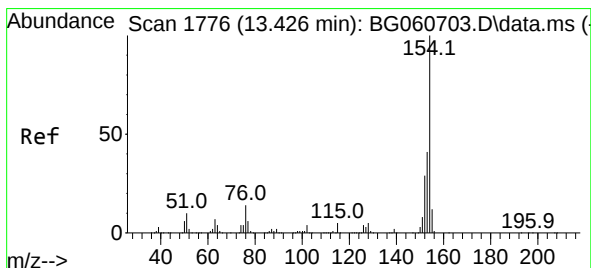
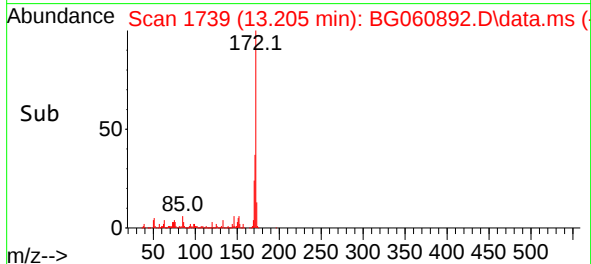
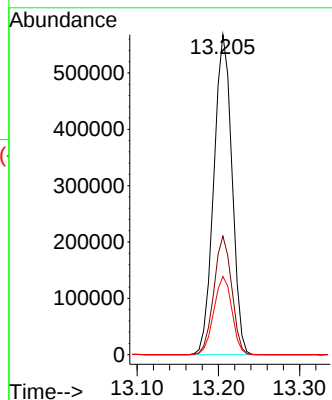
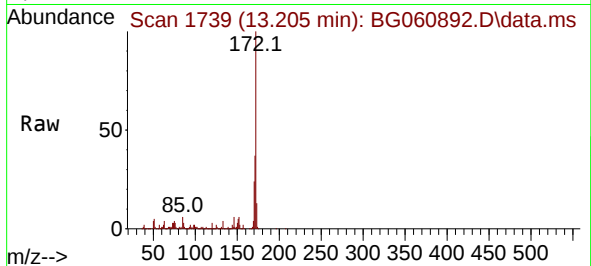
Tgt Ion:172 Resp: 881640
Ion Ratio Lower Upper
172 100
171 37.1 28.7 43.1
170 24.5 19.4 29.0

Manual Integrations

APPROVED

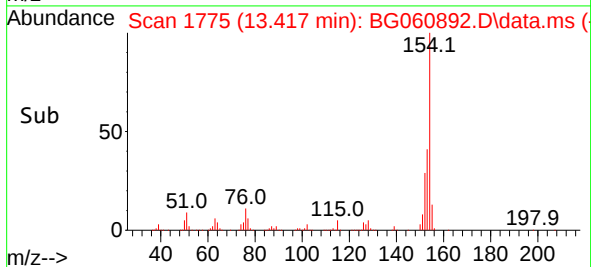
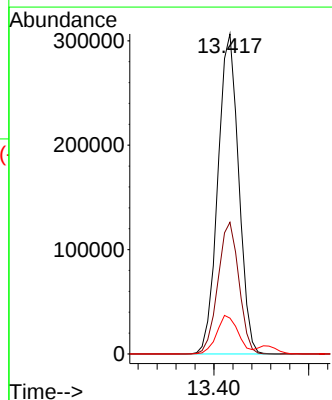
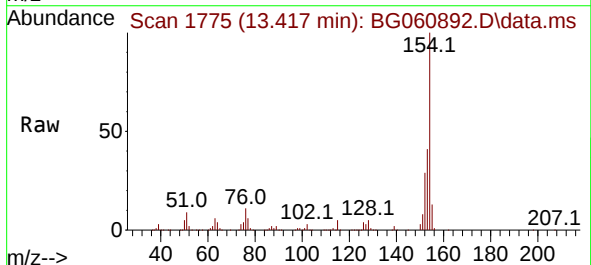
Reviewed By :Yogesh Patel 04/16/2024

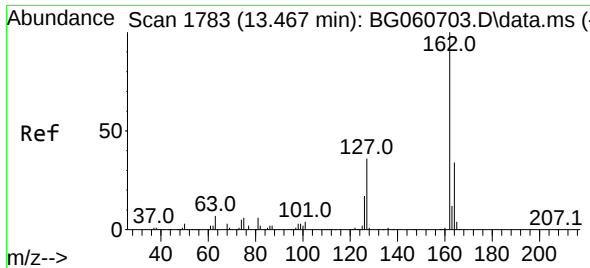
Supervised By :mohammad ahmed 04/17/2024



#46
1,1'-Biphenyl
Concen: 38.933 ng
RT: 13.417 min Scan# 1775
Delta R.T. -0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Tgt Ion:154 Resp: 466674
Ion Ratio Lower Upper
154 100
153 41.2 20.8 60.8
76 11.2 0.0 33.9





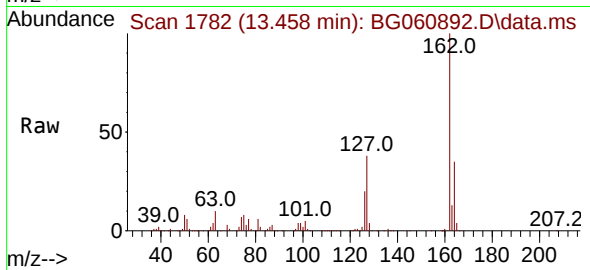
#47
2-Chloronaphthalene
Concen: 40.013 ng
RT: 13.458 min Scan# 1782
Delta R.T. -0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

PB160208BSD



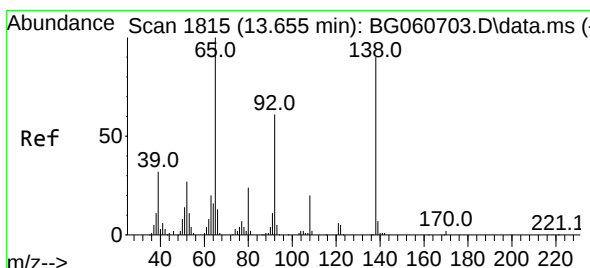
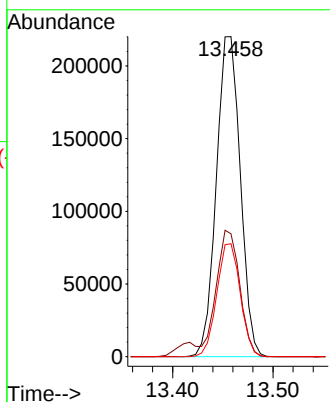
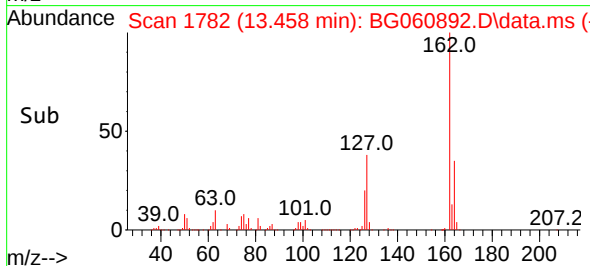
Tgt Ion:162 Resp: 364398
Ion Ratio Lower Upper
162 100
127 38.4 30.6 46.0
164 35.3 26.9 40.3

Manual Integrations

APPROVED

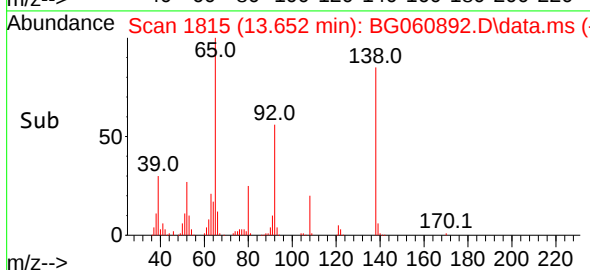
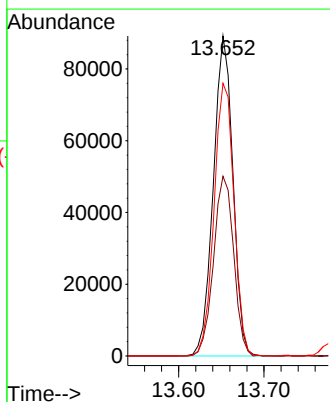
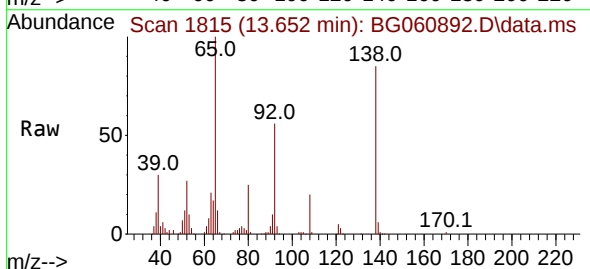
Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#48
2-Nitroaniline
Concen: 48.033 ng
RT: 13.652 min Scan# 1815
Delta R.T. -0.003 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Tgt Ion: 65 Resp: 141838
Ion Ratio Lower Upper
65 100
92 56.1 48.6 72.8
138 85.2 72.2 108.4





#49
Acenaphthylene
Concen: 40.381 ng
RT: 14.304 min Scan# 1927
Delta R.T. -0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

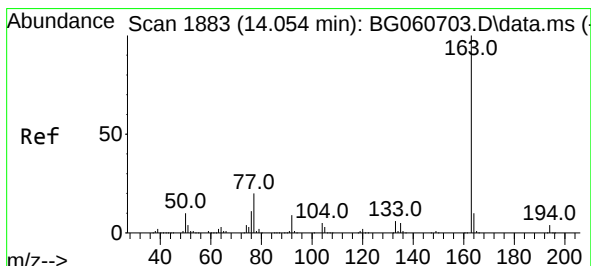
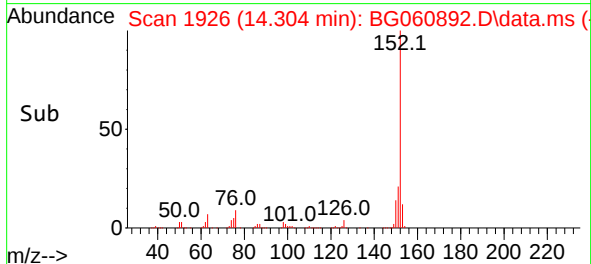
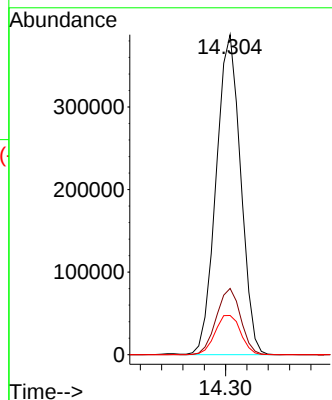
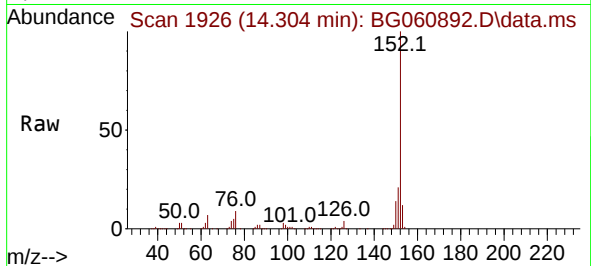
PB160208BSD

Tgt Ion:152 Resp: 617908
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 12.3 10.5 15.7

Manual Integrations

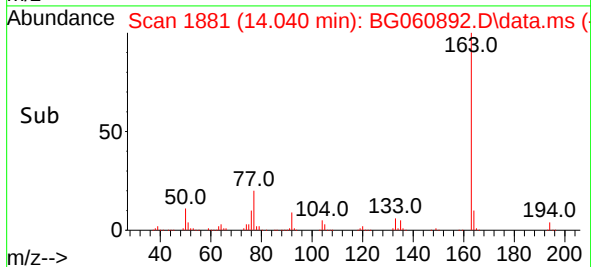
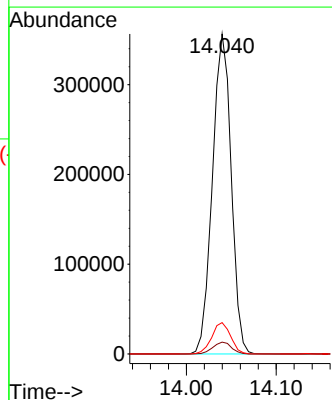
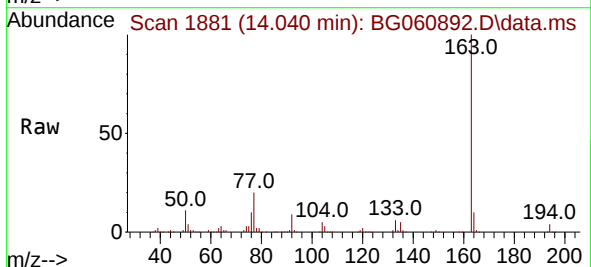
APPROVED

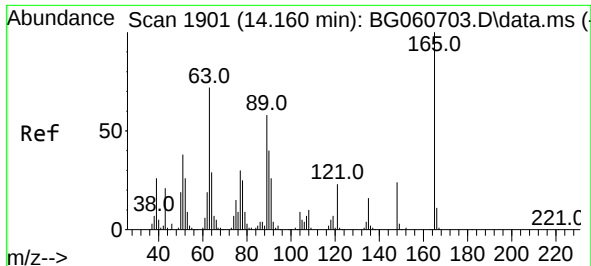
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#50
Dimethylphthalate
Concen: 38.562 ng
RT: 14.040 min Scan# 1881
Delta R.T. -0.014 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Tgt Ion:163 Resp: 517239
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.8 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 45.153 ng
RT: 14.151 min Scan# 1901
Delta R.T. -0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

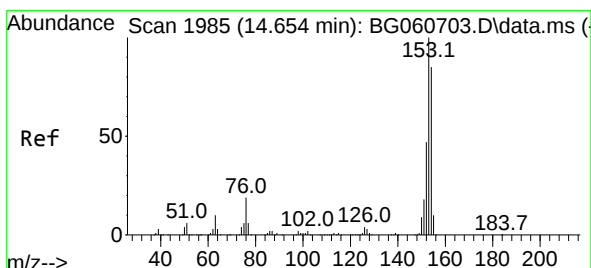
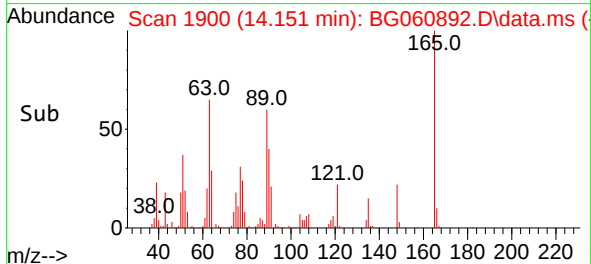
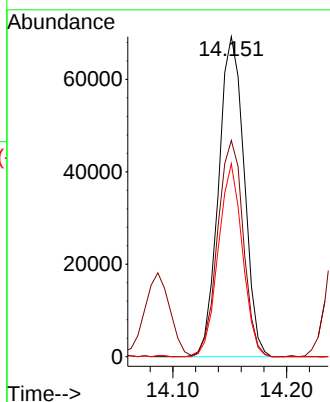
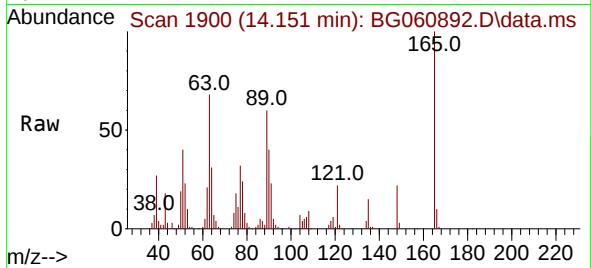
ClientSampleId :

PB160208BSD

Tgt Ion:165 Resp: 10790
Ion Ratio Lower Upper
165 100
63 67.6 58.2 87.4
89 60.3 46.1 69.1

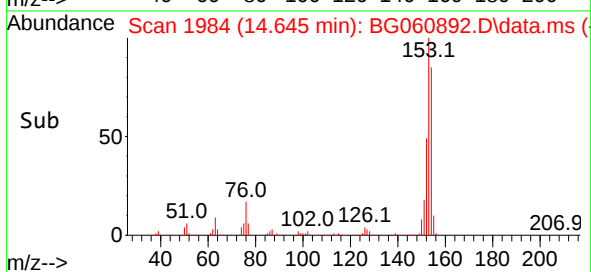
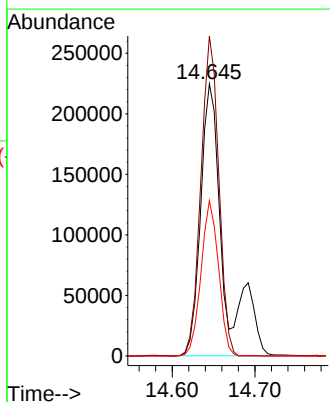
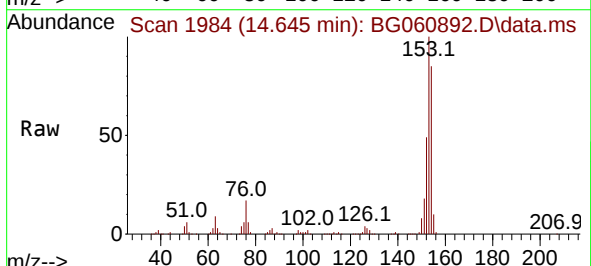
Manual Integrations
APPROVED

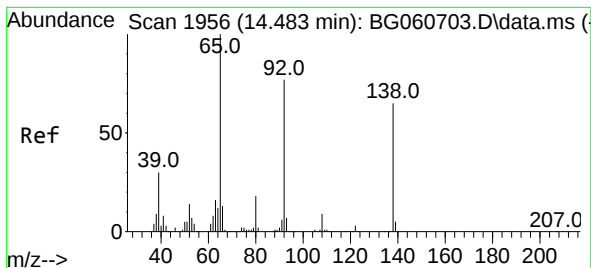
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#52
Acenaphthene
Concen: 45.016 ng m
RT: 14.645 min Scan# 1984
Delta R.T. -0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Tgt Ion:154 Resp: 432494
Ion Ratio Lower Upper
154 100
153 117.6 93.9 140.9
152 57.1 44.1 66.1





#53
3-Nitroaniline
Concen: 29.346 ng
RT: 14.480 min Scan# 1956
Delta R.T. -0.003 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

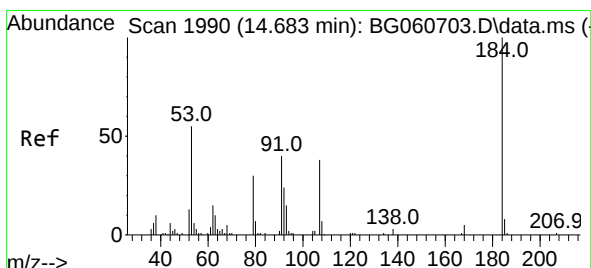
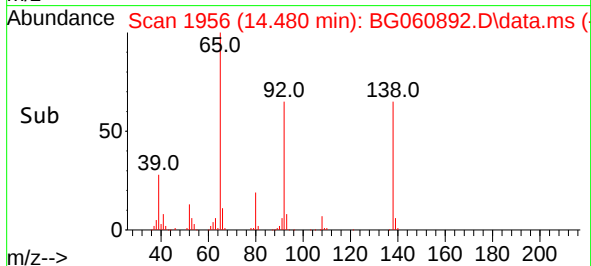
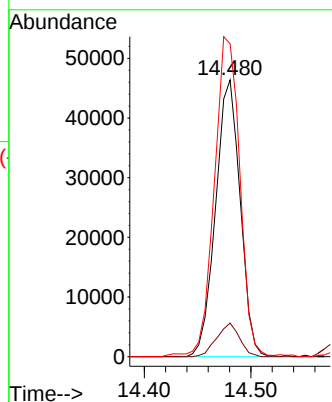
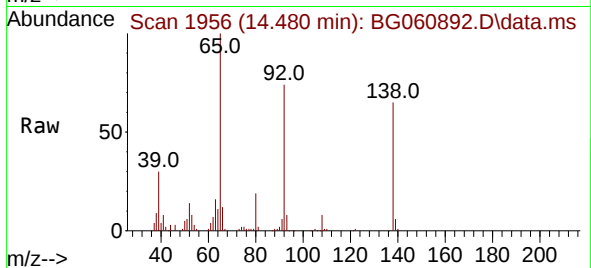
PB160208BSD

Tgt Ion:138 Resp: 74210
Ion Ratio Lower Upper
138 100
108 12.2 11.3 16.9
92 113.0 94.1 141.1

Manual Integrations

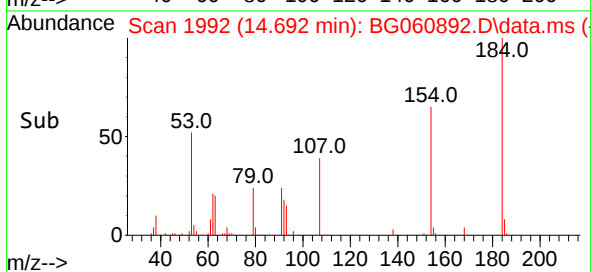
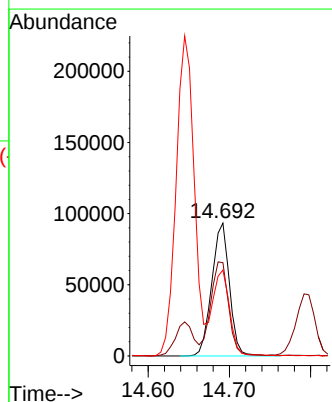
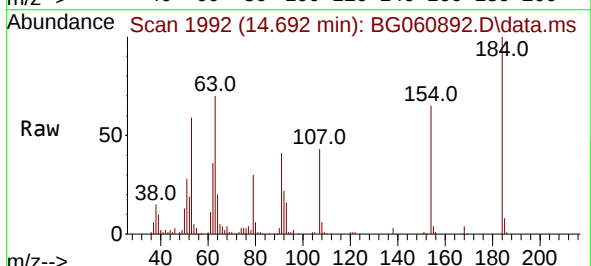
APPROVED

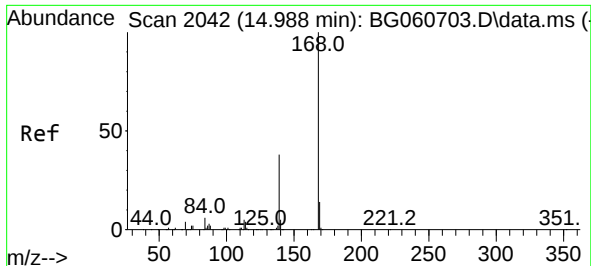
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#54
2,4-Dinitrophenol
Concen: 151.242 ng
RT: 14.692 min Scan# 1992
Delta R.T. 0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

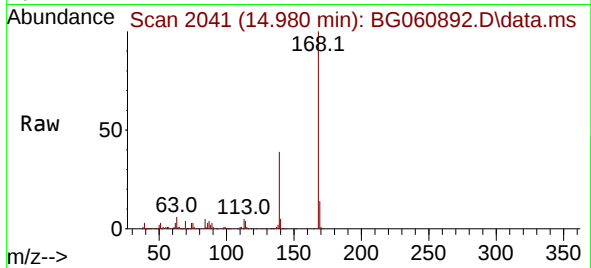
Tgt Ion:184 Resp: 141205
Ion Ratio Lower Upper
184 100
63 70.3 51.3 76.9
154 64.7 59.9 89.9





#55
Dibenzenofuran
Concen: 38.418 ng
RT: 14.980 min Scan# 2042
Delta R.T. -0.008 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

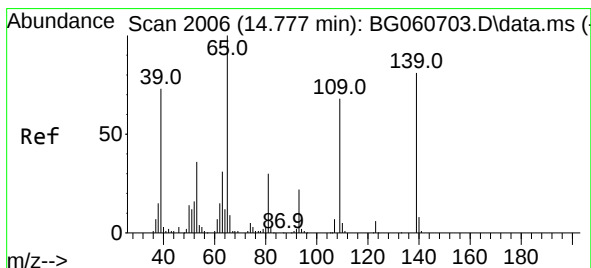
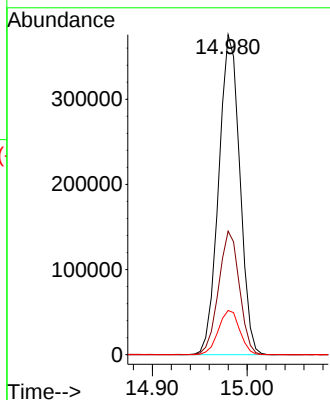
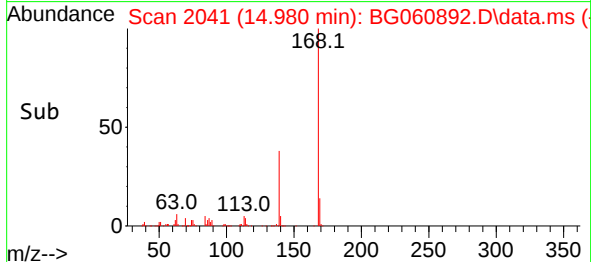
Instrument :
BNA_G
ClientSampleId :
PB160208BSD



Tgt Ion:168 Resp: 582198
Ion Ratio Lower Upper
168 100
139 38.6 30.1 45.1
169 13.8 11.0 16.4

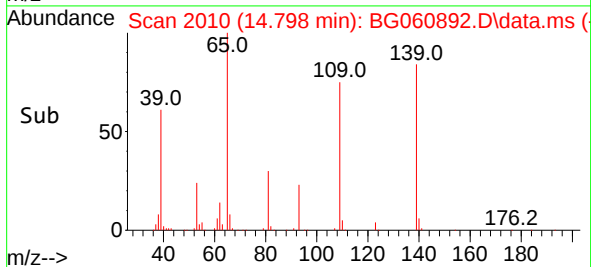
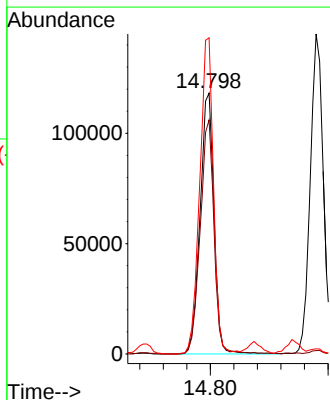
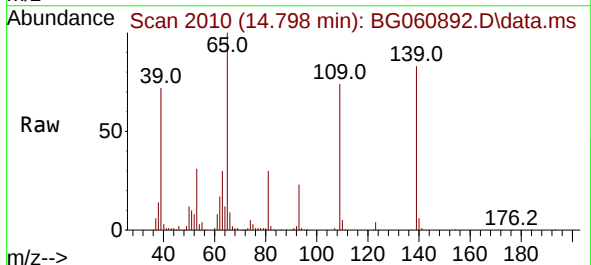
Manual Integrations
APPROVED

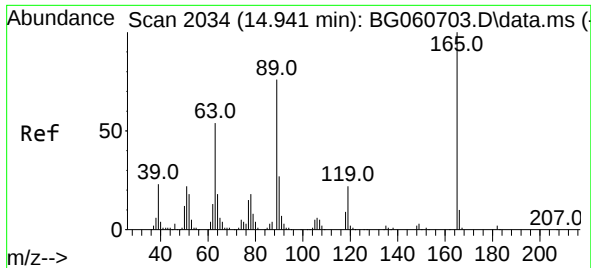
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#56
4-Nitrophenol
Concen: 99.322 ng
RT: 14.798 min Scan# 2010
Delta R.T. 0.021 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Tgt Ion:139 Resp: 194757
Ion Ratio Lower Upper
139 100
109 89.7 64.0 104.0
65 121.2 104.3 144.3





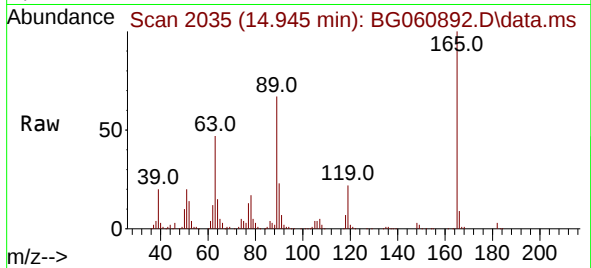
#57
2,4-Dinitrotoluene
Concen: 50.252 ng
RT: 14.945 min Scan# 2034
Delta R.T. 0.004 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

PB160208BSD

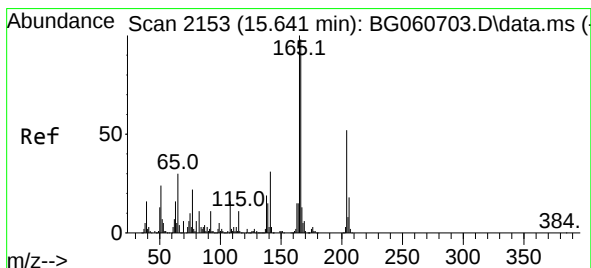
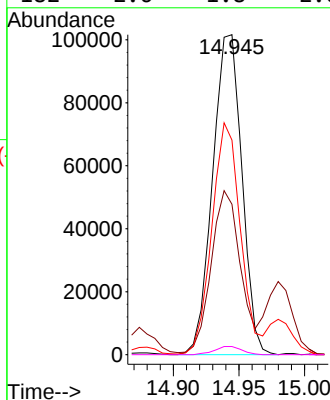
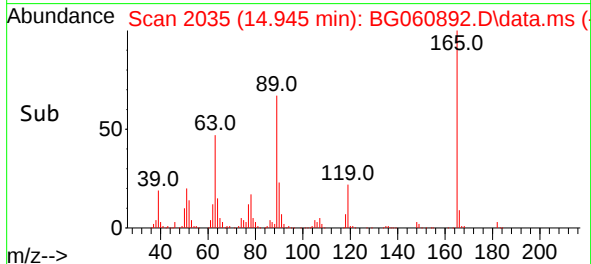


Tgt Ion:165 Resp: 157800
Ion Ratio Lower Upper
165 100
63 47.0 43.4 65.0
89 67.1 61.0 91.6
182 2.6 1.8 2.6

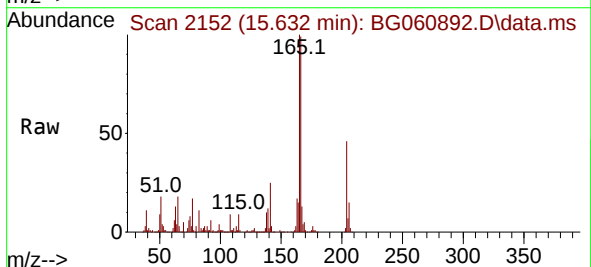
Manual Integrations

APPROVED

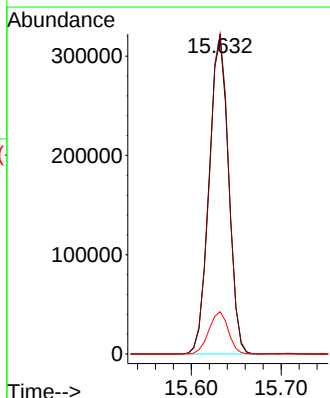
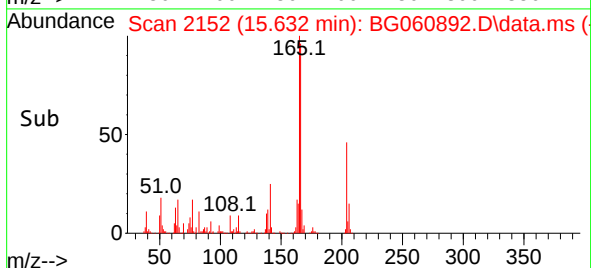
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

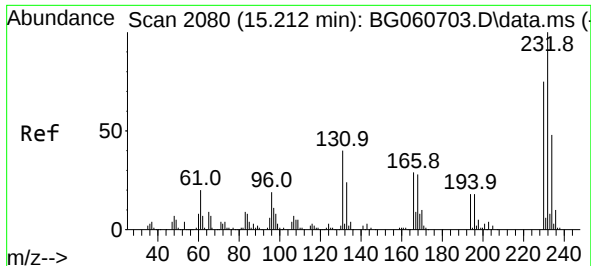


#58
Fluorene
Concen: 39.441 ng
RT: 15.632 min Scan# 2152
Delta R.T. -0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46



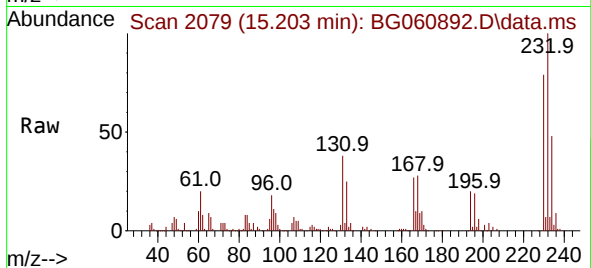
Tgt Ion:166 Resp: 479709
Ion Ratio Lower Upper
166 100
165 101.3 81.8 122.8
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.475 ng
RT: 15.203 min Scan# 2080
Delta R.T. -0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

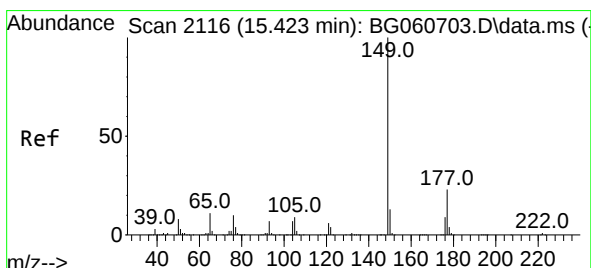
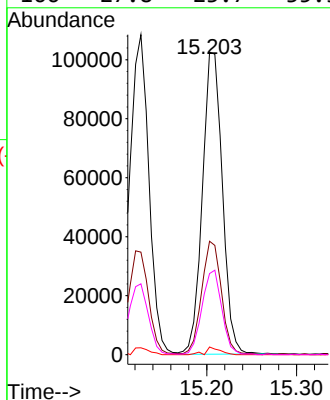
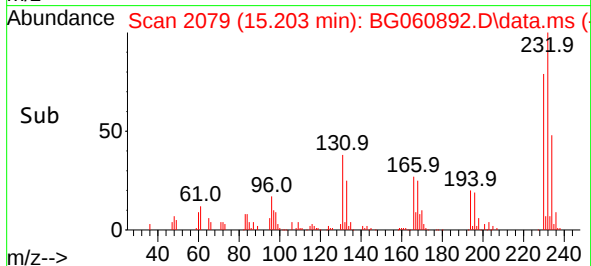
Instrument :
BNA_G
ClientSampleId :
PB160208BSD



Tgt Ion:232 Resp: 15837
Ion Ratio Lower Upper
232 100
131 37.4 32.2 48.2
130 1.8 2.1 3.1
166 27.8 23.7 35.5

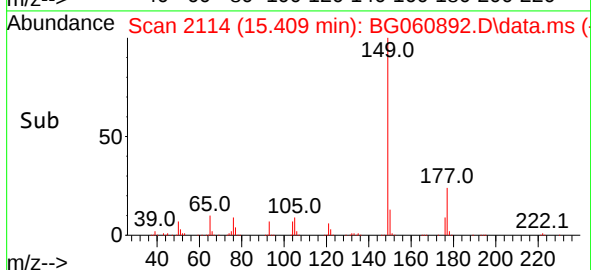
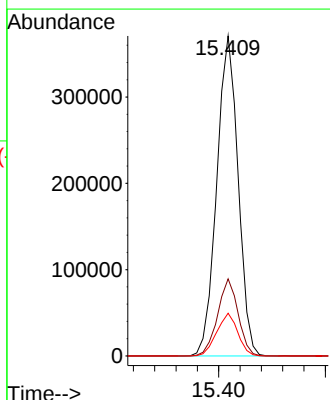
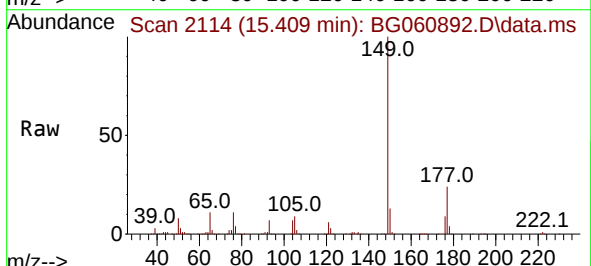
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#60
Diethylphthalate
Concen: 38.080 ng
RT: 15.409 min Scan# 2114
Delta R.T. -0.014 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

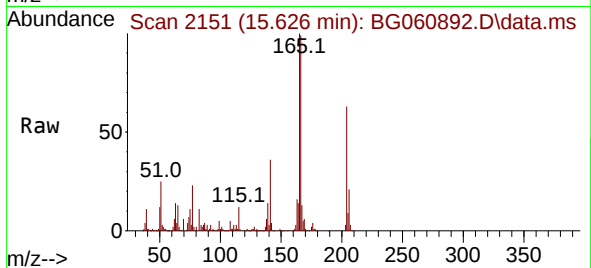
Tgt Ion:149 Resp: 513870
Ion Ratio Lower Upper
149 100
177 24.1 18.0 27.0
150 13.4 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 40.626 ng
RT: 15.626 min Scan# 2151
Delta R.T. -0.015 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

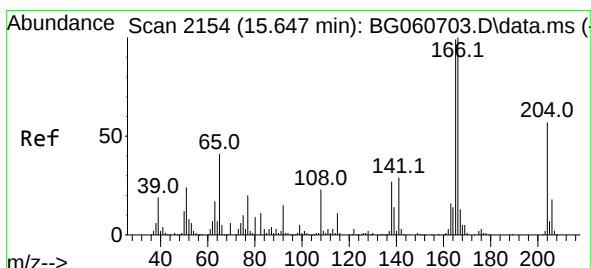
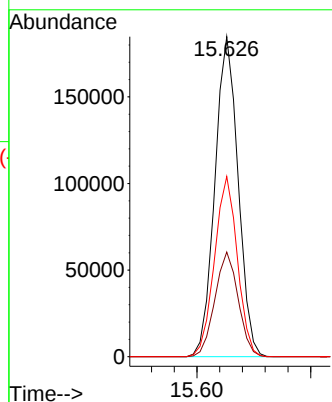
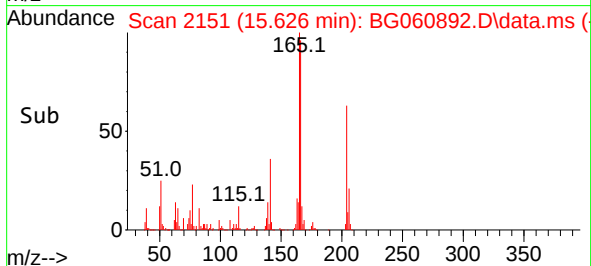
Instrument :
BNA_G
ClientSampleId :
PB160208BSD



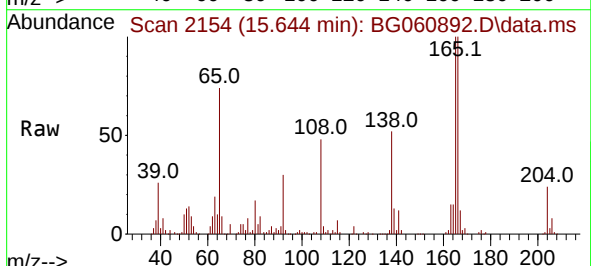
Tgt Ion:204 Resp: 261409
Ion Ratio Lower Upper
204 100
206 32.7 28.3 42.5
141 56.3 47.2 70.8

Manual Integrations
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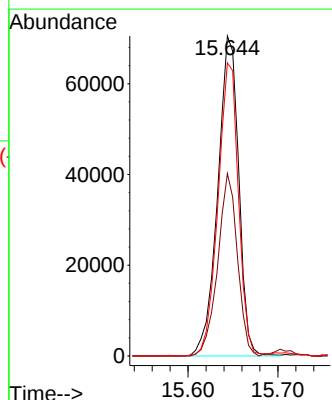
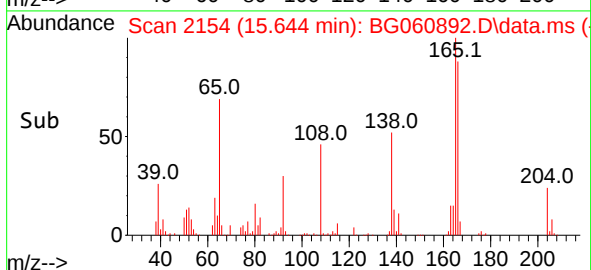
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

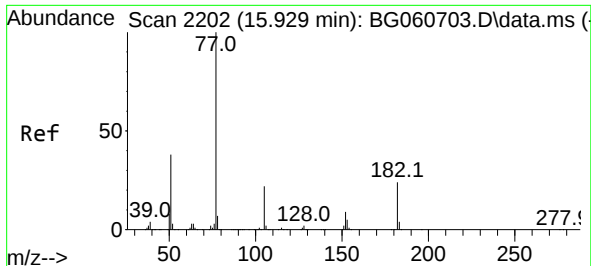


#62
4-Nitroaniline
Concen: 46.608 ng
RT: 15.644 min Scan# 2154
Delta R.T. -0.003 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46



Tgt Ion:138 Resp: 114298
Ion Ratio Lower Upper
138 100
92 57.0 36.8 76.8
108 91.6 66.9 106.9





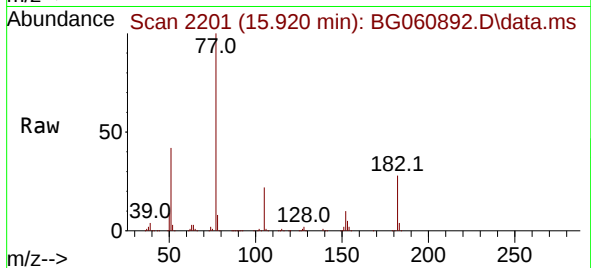
#63
Azobenzene
Concen: 36.223 ng
RT: 15.920 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

PB160208BSD



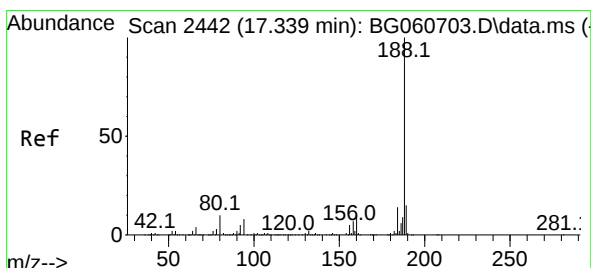
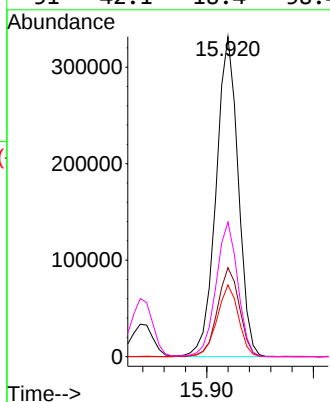
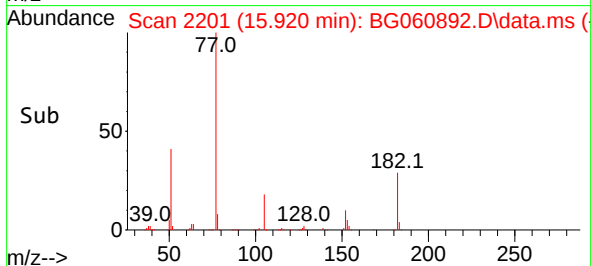
Tgt Ion: 77 Resp: 476324
Ion Ratio Lower Upper
77 100
182 27.8 3.9 43.9
105 22.4 1.7 41.7
51 42.1 18.4 58.4

Manual Integrations

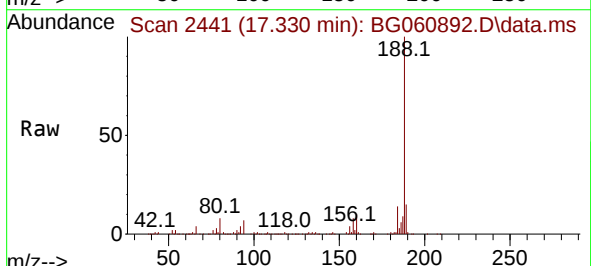
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

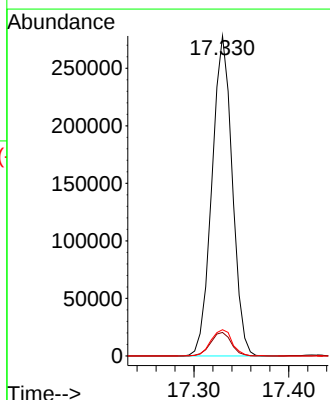
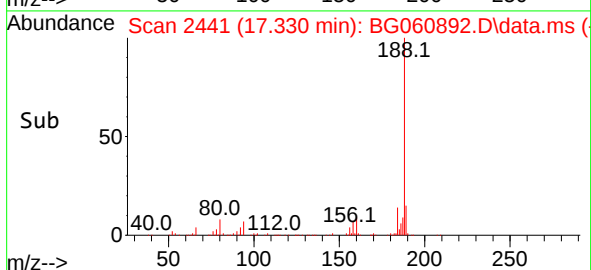
Supervised By :mohammad ahmed 04/17/2024

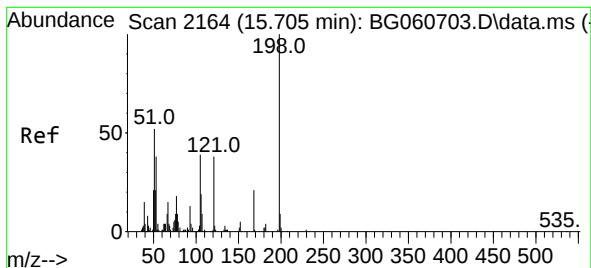


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46



Tgt Ion:188 Resp: 414050
Ion Ratio Lower Upper
188 100
94 7.3 6.6 9.8
80 8.2 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 57.436 ng
RT: 15.708 min Scan# 2165
Delta R.T. 0.003 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

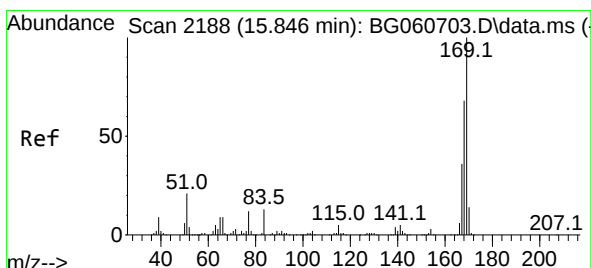
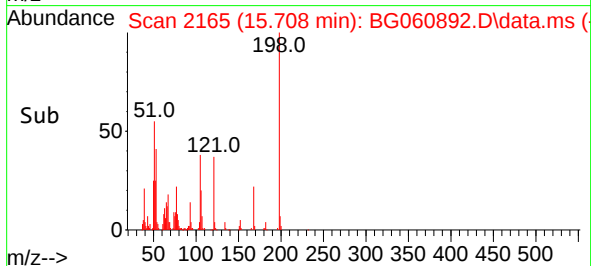
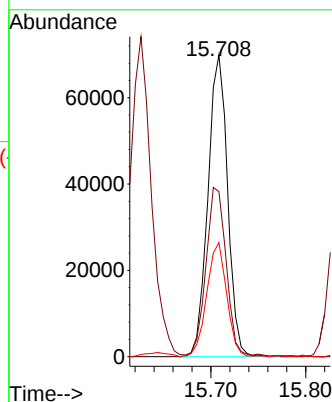
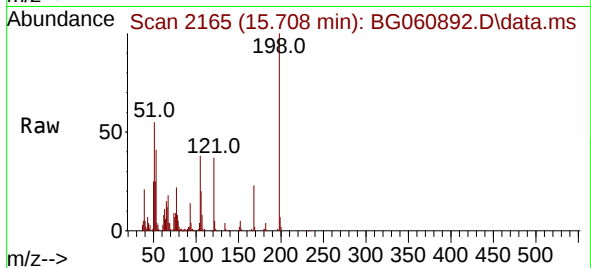
ClientSampleId :

PB160208BSD

Tgt Ion:198 Resp: 100912
Ion Ratio Lower Upper
198 100
51 54.7 36.7 76.7
105 37.8 19.1 59.1

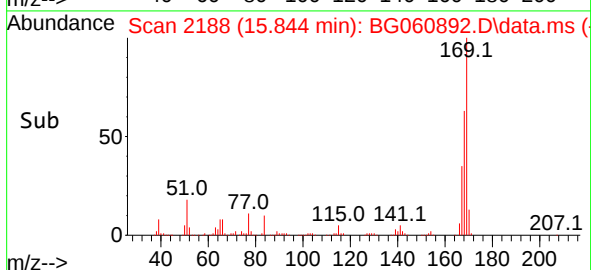
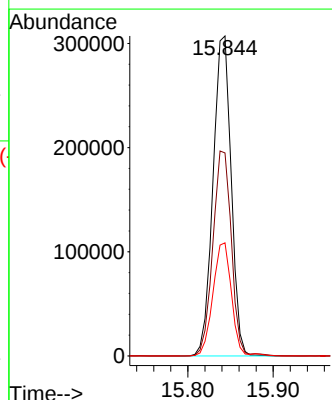
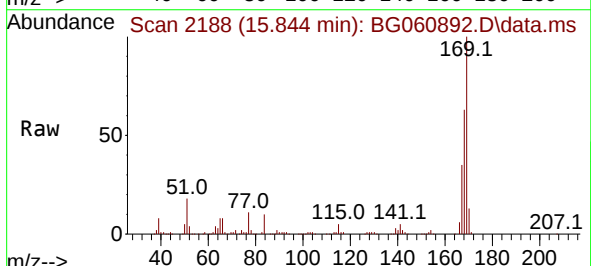
Manual Integrations
APPROVED

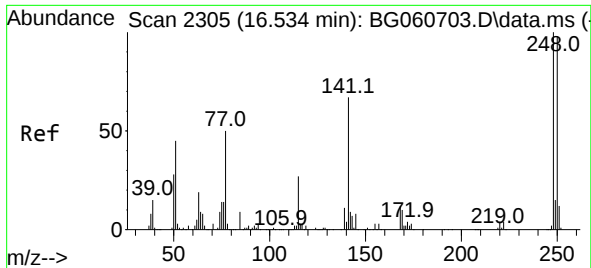
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#66
n-Nitrosodiphenylamine
Concen: 38.265 ng
RT: 15.844 min Scan# 2188
Delta R.T. -0.003 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Tgt Ion:169 Resp: 452756
Ion Ratio Lower Upper
169 100
168 63.4 54.5 81.7
167 35.4 29.2 43.8





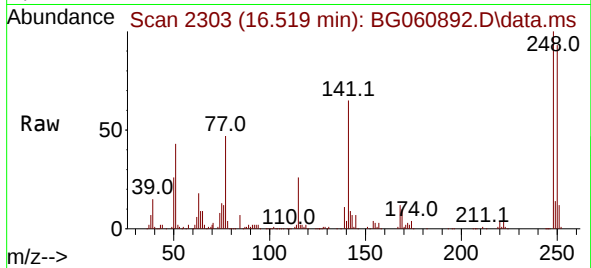
#67
4-Bromophenyl-phenylether
Concen: 43.368 ng
RT: 16.519 min Scan# 21
Delta R.T. -0.015 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

PB160208BSD

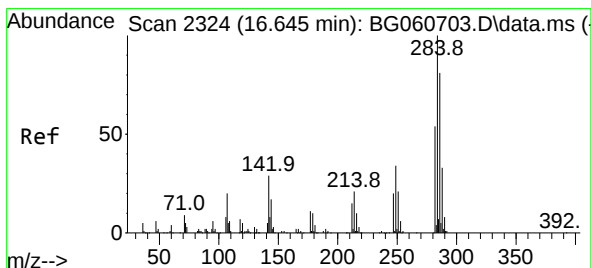
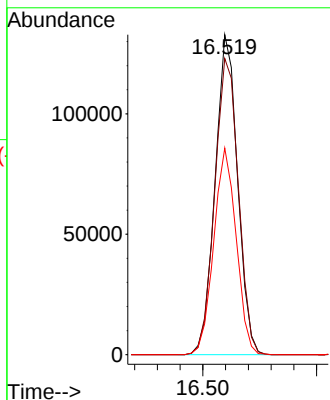
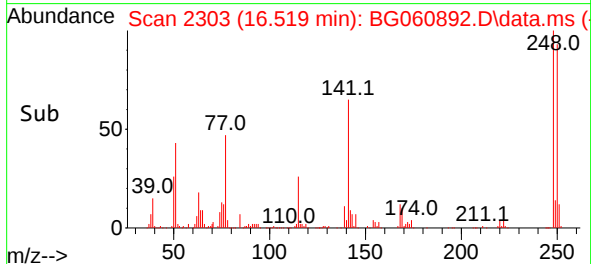


Tgt Ion:248 Resp: 182234
Ion Ratio Lower Upper
248 100
250 92.6 78.3 117.5
141 64.5 53.7 80.5

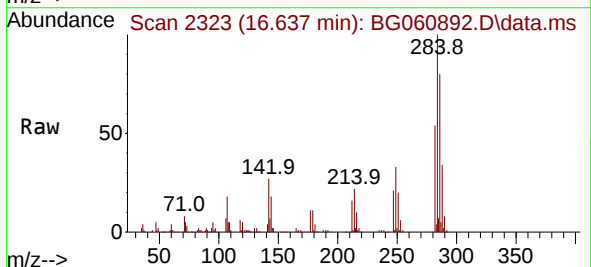
Manual Integrations

APPROVED

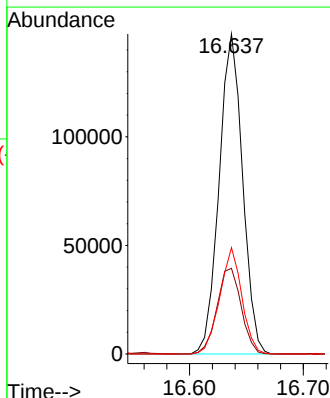
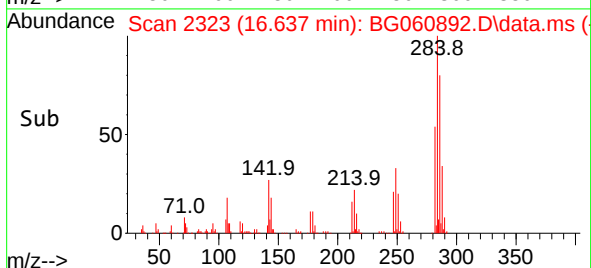
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#68
Hexachlorobenzene
Concen: 44.476 ng
RT: 16.637 min Scan# 2323
Delta R.T. -0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46



Tgt Ion:284 Resp: 210978
Ion Ratio Lower Upper
284 100
142 26.7 22.9 34.3
249 33.2 27.1 40.7





#69

Atrazine

Concen: 43.388 ng

RT: 16.795 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG060892.D

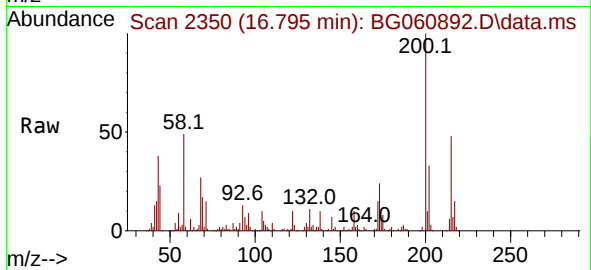
Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

PB160208BSD



Tgt Ion:200 Resp: 17952

Ion Ratio Lower Upper

200 100

173 24.0 5.2 45.2

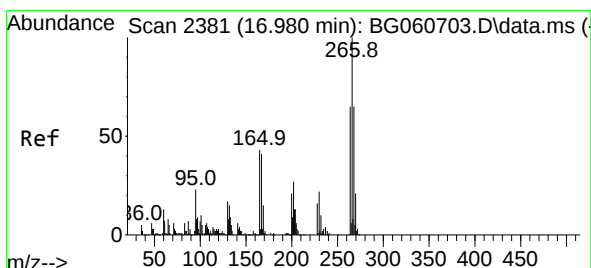
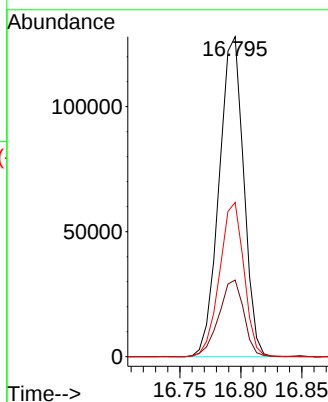
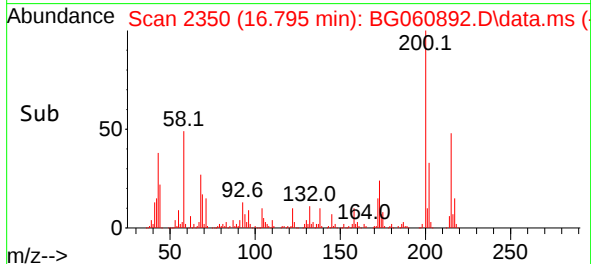
215 48.2 28.8 68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#70

Pentachlorophenol

Concen: 91.451 ng

RT: 16.983 min Scan# 2382

Delta R.T. 0.003 min

Lab File: BG060892.D

Acq: 13 Apr 2024 13:46

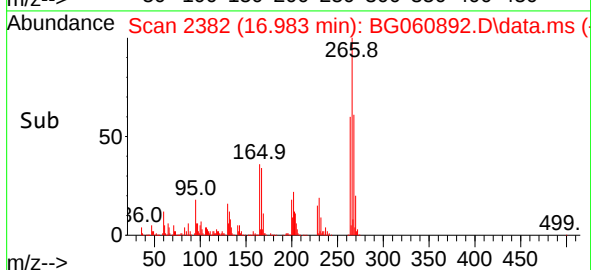
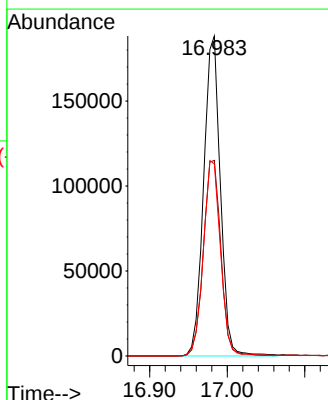
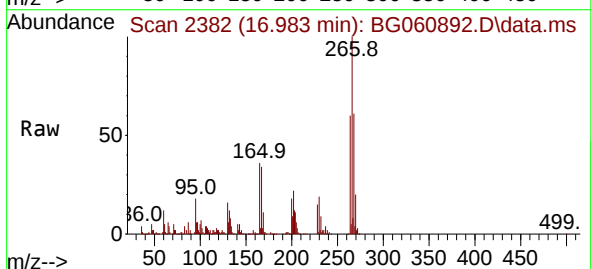
Tgt Ion:266 Resp: 283060

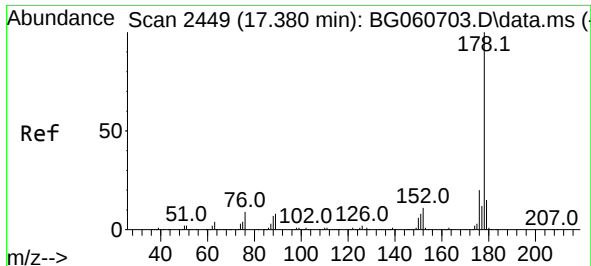
Ion Ratio Lower Upper

266 100

268 61.1 52.2 78.4

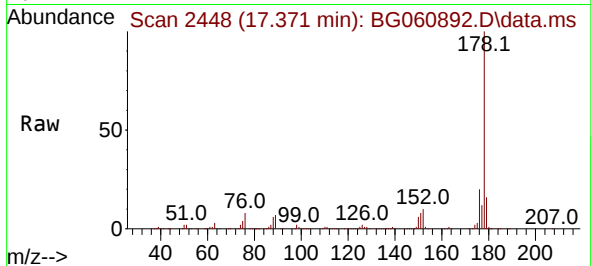
264 60.0 51.8 77.6





#71
Phenanthrene
Concen: 38.460 ng
RT: 17.371 min Scan# 2449
Delta R.T. -0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

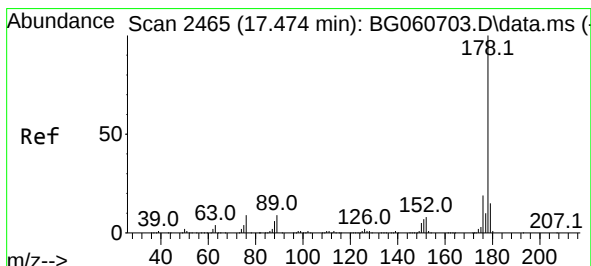
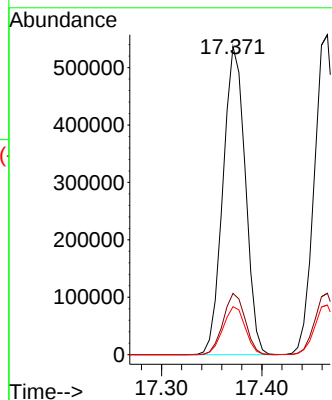
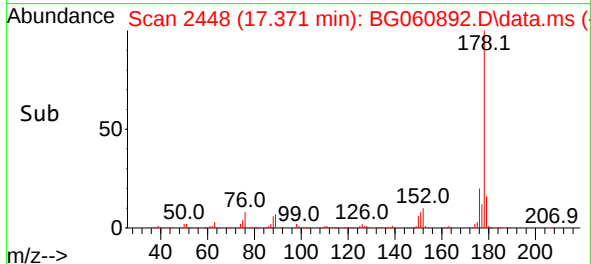
Instrument :
BNA_G
ClientSampleId :
PB160208BSD



Tgt Ion:178 Resp: 828184
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 15.6 12.2 18.4

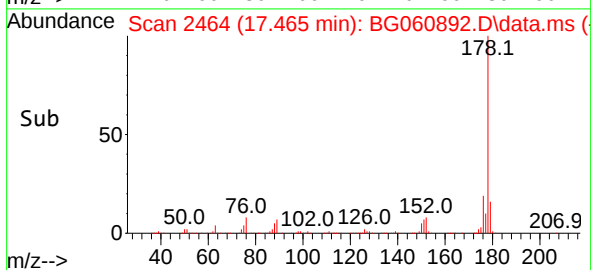
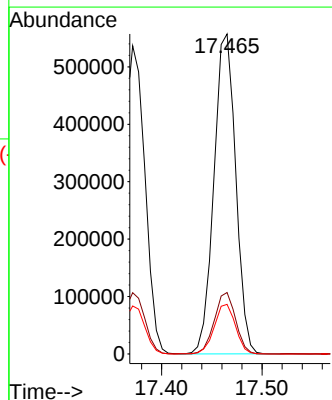
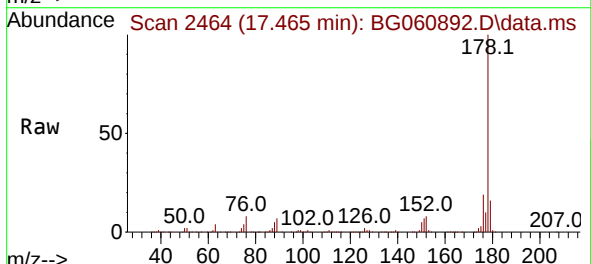
Manual Integrations
APPROVED

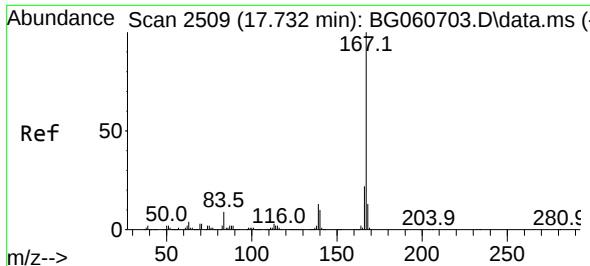
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#72
Anthracene
Concen: 38.421 ng
RT: 17.465 min Scan# 2464
Delta R.T. -0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Tgt Ion:178 Resp: 840233
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.5 12.2 18.2





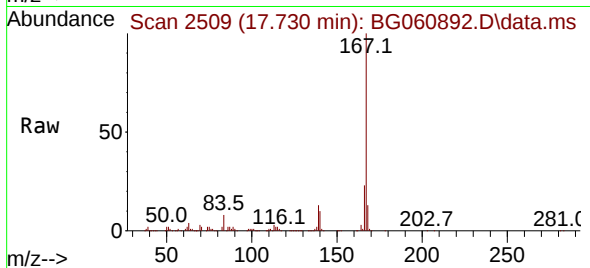
#73
 Carbazole
 Concen: 39.090 ng
 RT: 17.730 min Scan# 2509
 Delta R.T. -0.003 min
 Lab File: BG060892.D
 Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

PB160208BSD



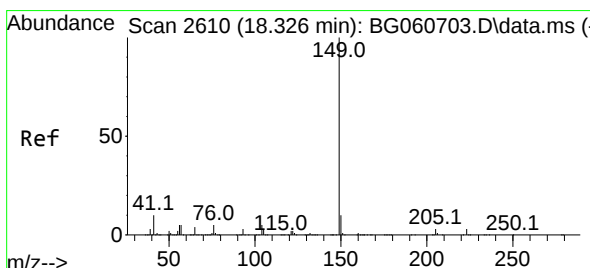
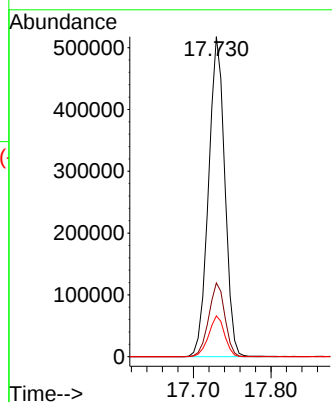
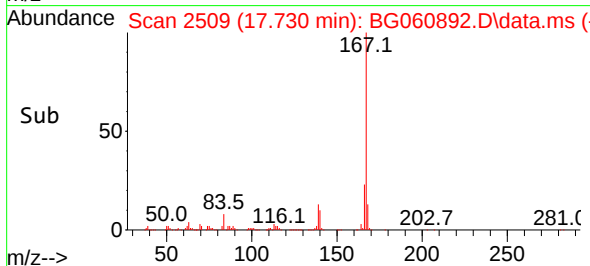
Tgt Ion:167 Resp: 753728
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.0 27.0
 139 12.8 10.5 15.7

Manual Integrations

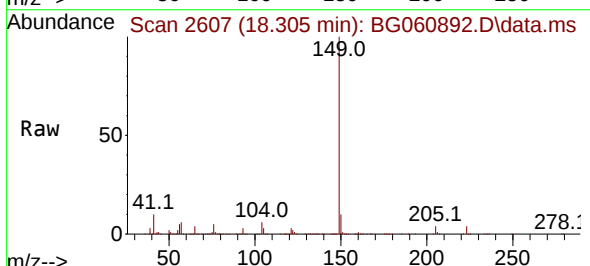
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

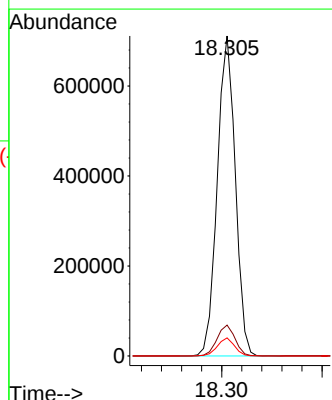
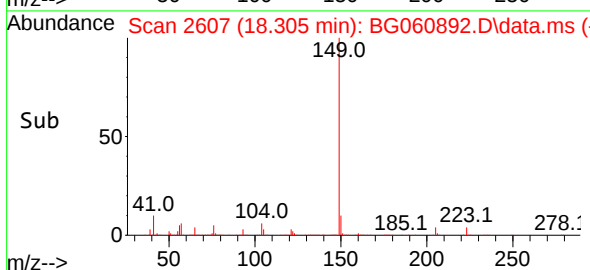
Supervised By :mohammad ahmed 04/17/2024

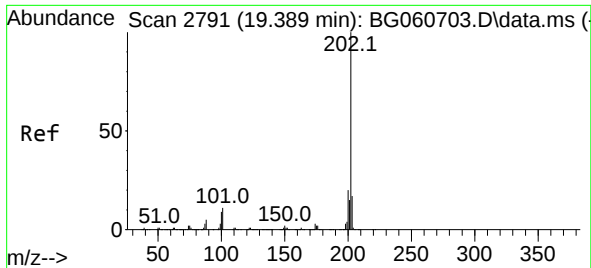


#74
 Di-n-butylphthalate
 Concen: 36.789 ng
 RT: 18.305 min Scan# 2607
 Delta R.T. -0.021 min
 Lab File: BG060892.D
 Acq: 13 Apr 2024 13:46



Tgt Ion:149 Resp: 884363
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.7 4.2 6.4





#75
Fluoranthene
Concen: 38.807 ng
RT: 19.386 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

PB160208BSD

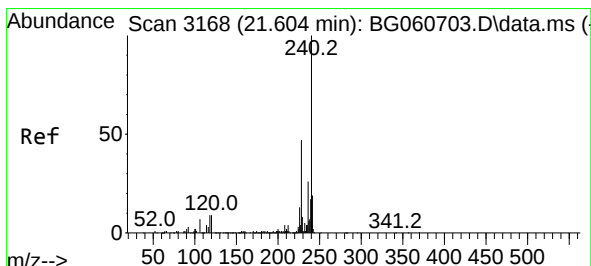
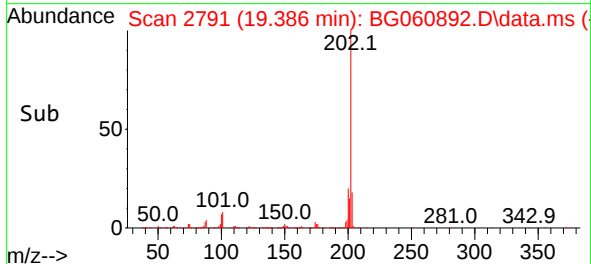
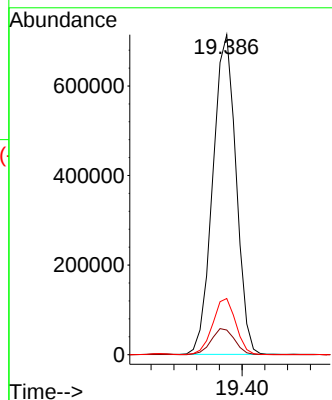
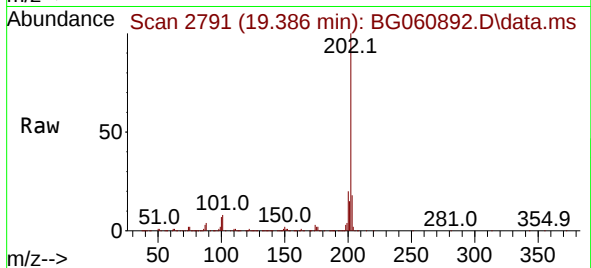
Tgt Ion:202 Resp: 1014020
Ion Ratio Lower Upper
202 100
101 7.7 0.0 30.8
203 17.6 0.0 37.4

Manual Integrations

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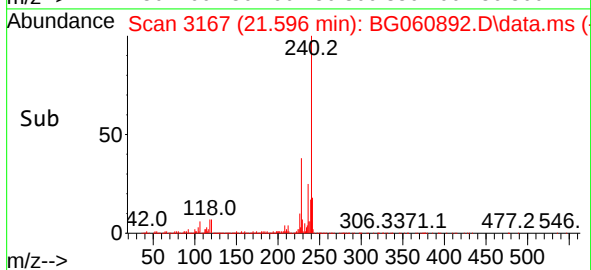
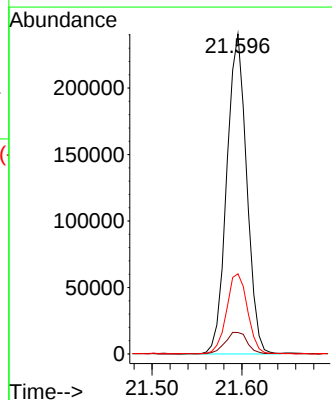
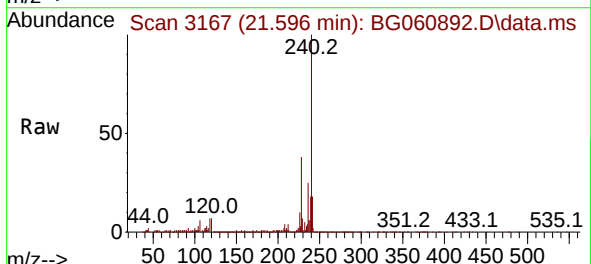
Reviewed By :Yogesh Patel 04/16/2024

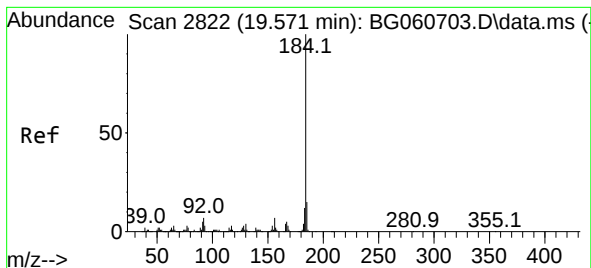
Supervised By :mohammad ahmed 04/17/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.596 min Scan# 3167
Delta R.T. -0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Tgt Ion:240 Resp: 370862
Ion Ratio Lower Upper
240 100
120 6.7 7.1 10.7#
236 25.1 20.7 31.1





#77

Benzidine

Concen: 22.095 ng

RT: 19.563 min Scan# 21576

Delta R.T. -0.009 min

Lab File: BG060892.D

Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

PB160208BSD

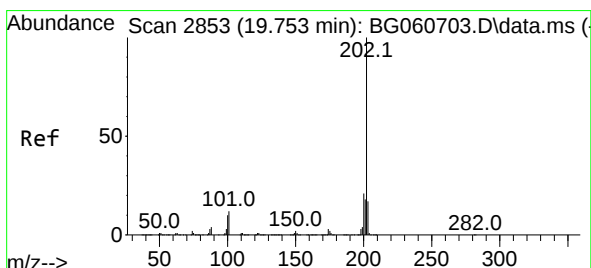
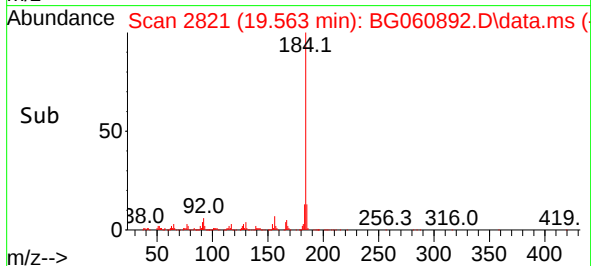
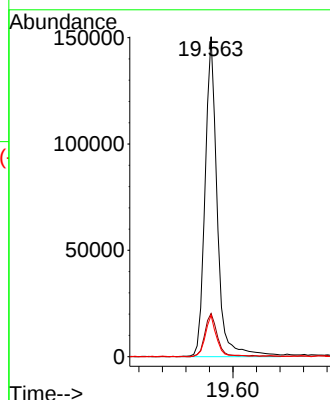
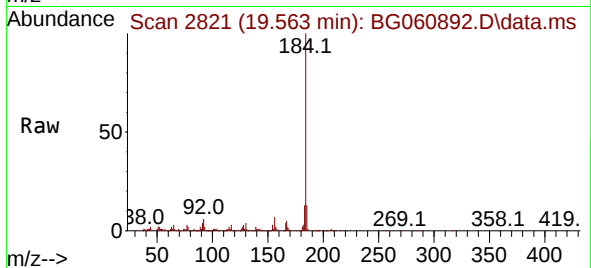
Tgt Ion:	184	Resp:	21576
Ion Ratio	Lower	Upper	
184	100		
185	13.5	11.8	17.6
183	13.0	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#78

Pyrene

Concen: 40.849 ng

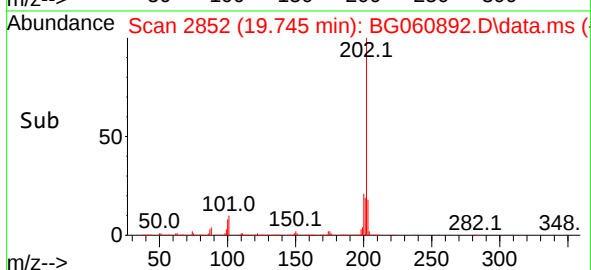
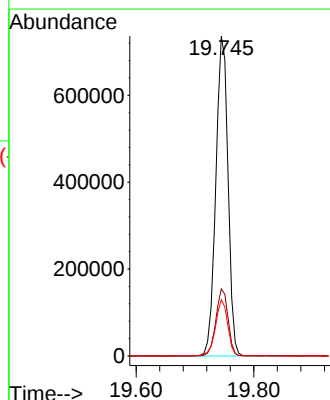
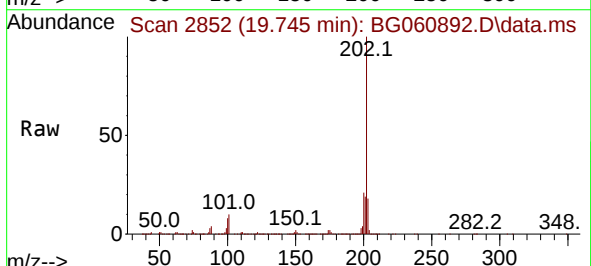
RT: 19.745 min Scan# 2852

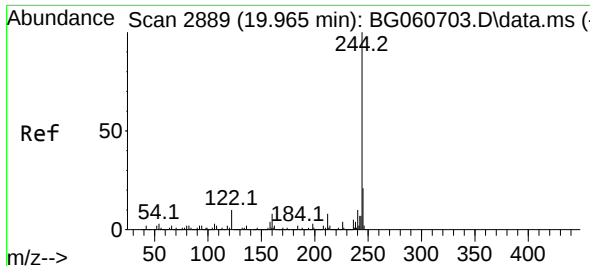
Delta R.T. -0.009 min

Lab File: BG060892.D

Acq: 13 Apr 2024 13:46

Tgt Ion:	202	Resp:	1059500
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.0	25.4
203	17.6	14.0	21.0





#79
 Terphenyl-d14
 Concen: 80.052 ng
 RT: 19.950 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BG060892.D
 Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

PB160208BSD

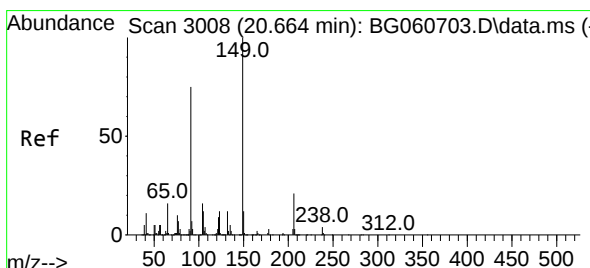
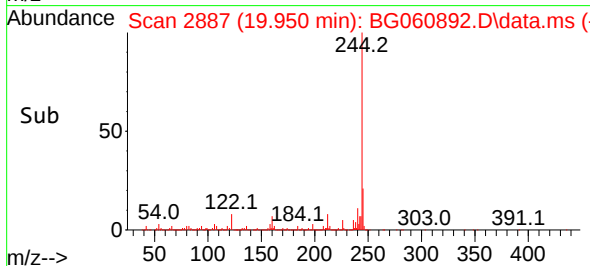
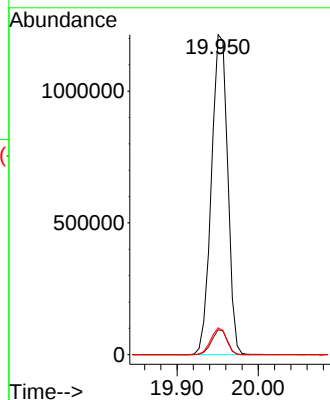
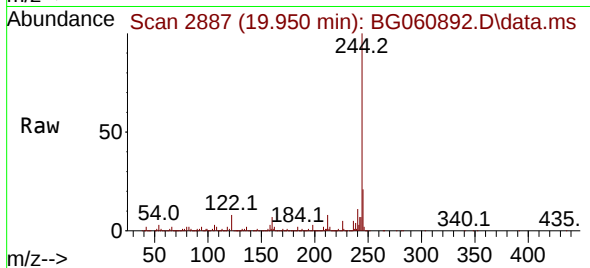
Tgt Ion:244 Resp: 1686039
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 8.4 7.8 11.8

Manual Integrations

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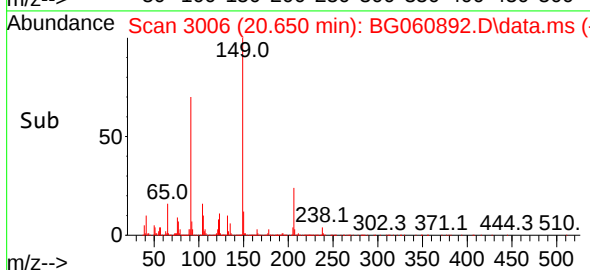
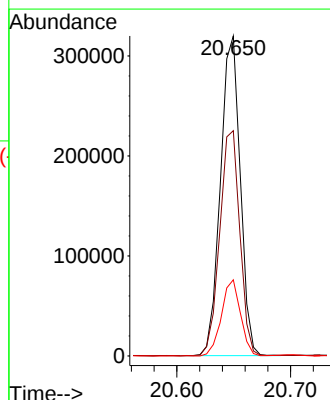
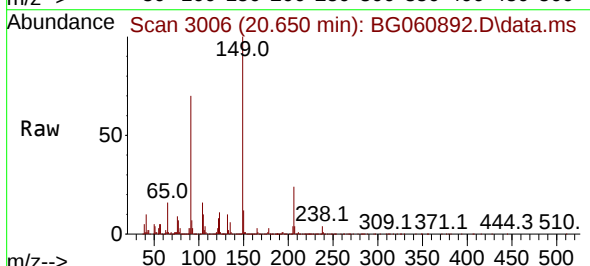
Reviewed By :Yogesh Patel 04/16/2024

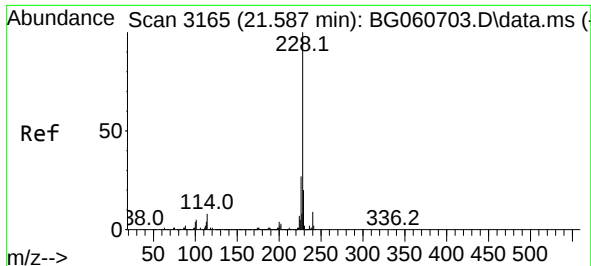
Supervised By :mohammad ahmed 04/17/2024



#80
 Butylbenzylphthalate
 Concen: 40.805 ng
 RT: 20.650 min Scan# 3006
 Delta R.T. -0.015 min
 Lab File: BG060892.D
 Acq: 13 Apr 2024 13:46

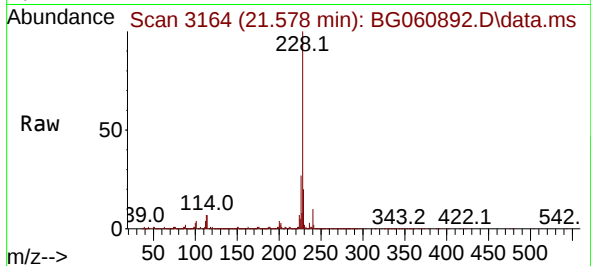
Tgt Ion:149 Resp: 386081
 Ion Ratio Lower Upper
 149 100
 91 70.4 60.1 90.1
 206 23.8 16.8 25.2





#81
Benzo(a)anthracene
Concen: 40.083 ng
RT: 21.578 min Scan# 3164
Delta R.T. -0.009 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

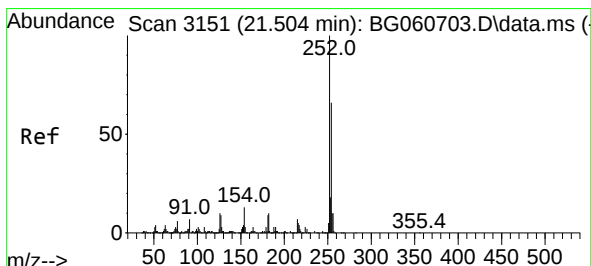
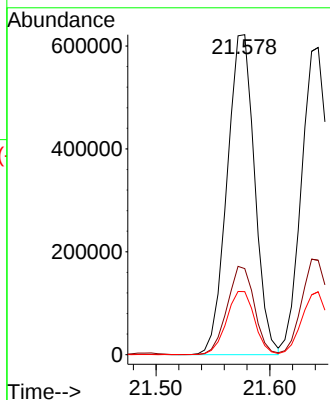
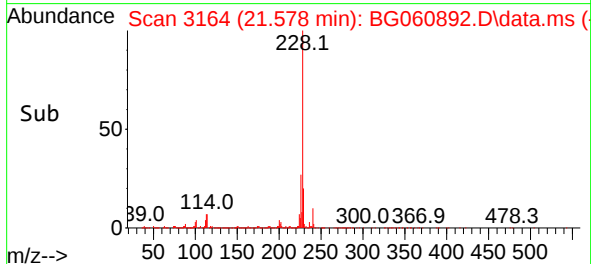
Instrument :
BNA_G
ClientSampleId :
PB160208BSD



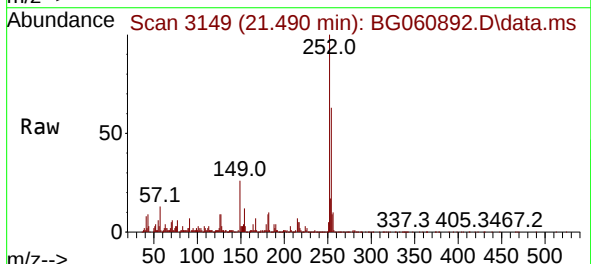
Tgt Ion:228 Resp: 104784
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.7 15.8 23.8

Manual Integrations
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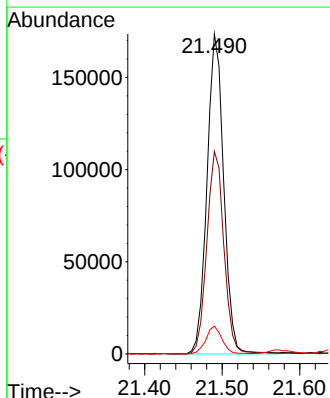
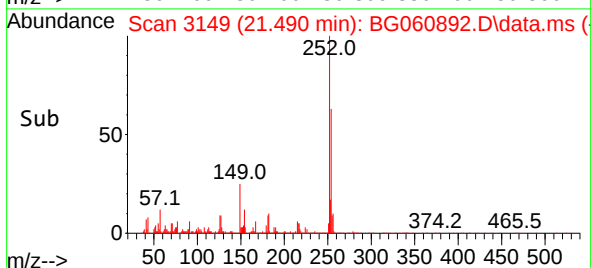
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

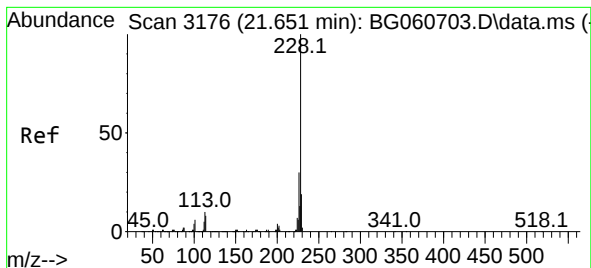


#82
3,3'-Dichlorobenzidine
Concen: 29.459 ng
RT: 21.490 min Scan# 3149
Delta R.T. -0.015 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46



Tgt Ion:252 Resp: 260033
Ion Ratio Lower Upper
252 100
254 63.3 52.6 78.8
126 8.7 7.8 11.8





#83

Chrysene

Concen: 39.298 ng

RT: 21.643 min Scan# 3176

Delta R.T. -0.009 min

Lab File: BG060892.D

Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

PB160208BSD

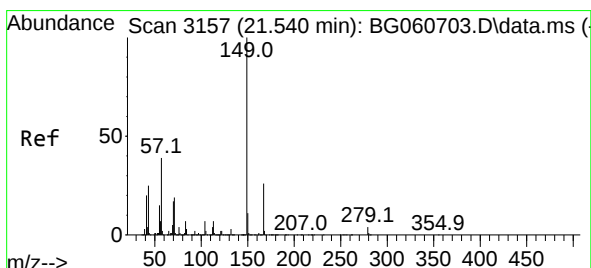
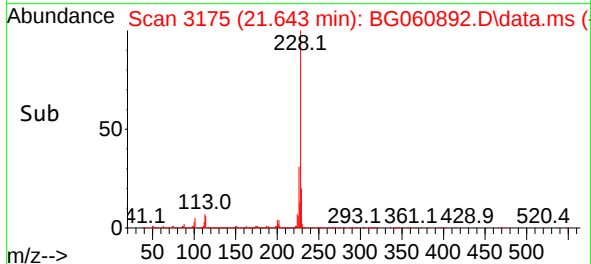
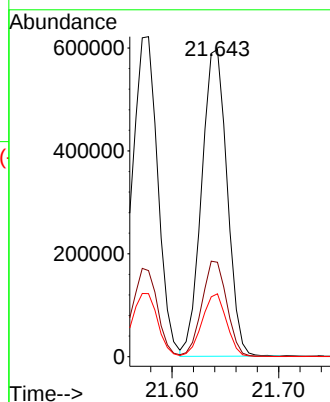
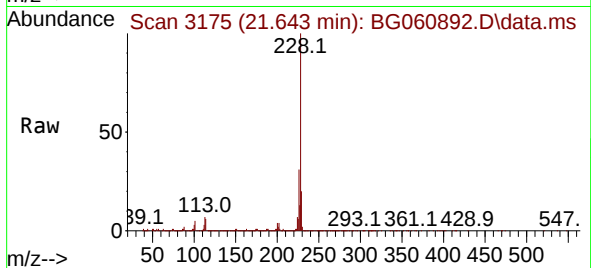
Tgt Ion:	228	Resp:	990178
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.2	36.4
229	20.5	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.125 ng

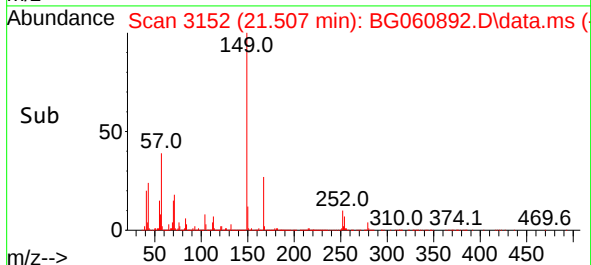
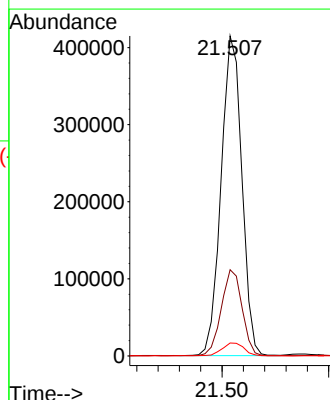
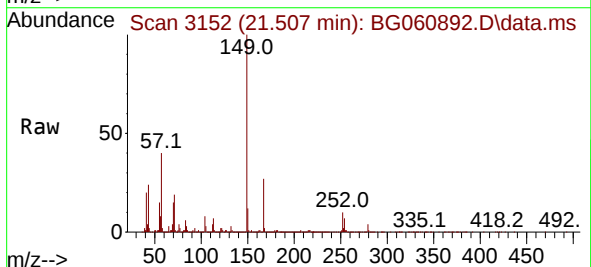
RT: 21.507 min Scan# 3152

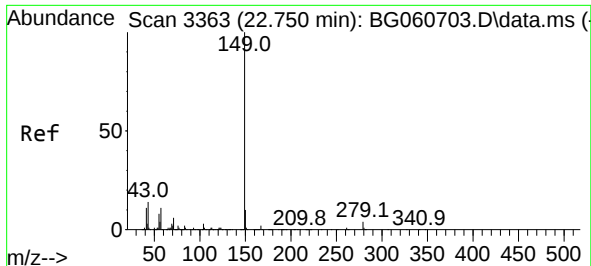
Delta R.T. -0.032 min

Lab File: BG060892.D

Acq: 13 Apr 2024 13:46

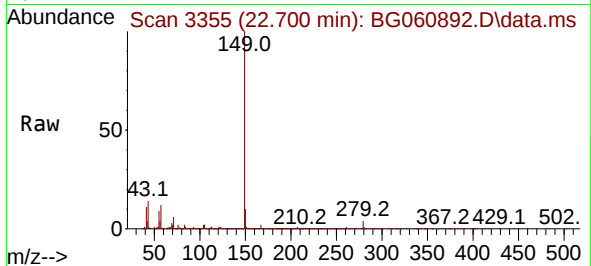
Tgt Ion:	149	Resp:	559868
Ion Ratio	Lower	Upper	
149	100		
167	26.9	20.6	30.8
279	4.1	3.0	4.4





#85
Di-n-octyl phthalate
Concen: 39.550 ng
RT: 22.700 min Scan# 31
Delta R.T. -0.050 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

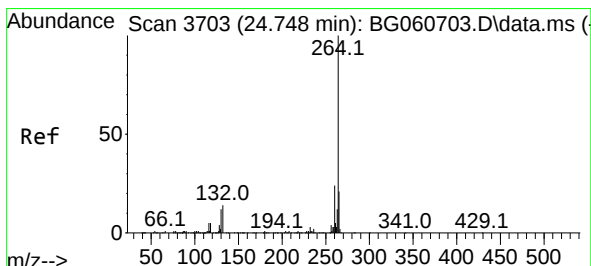
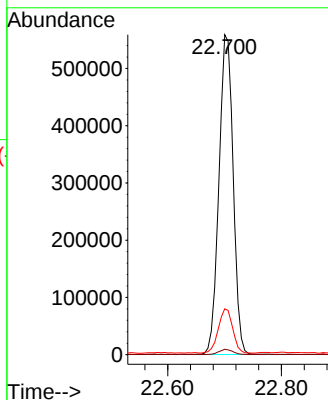
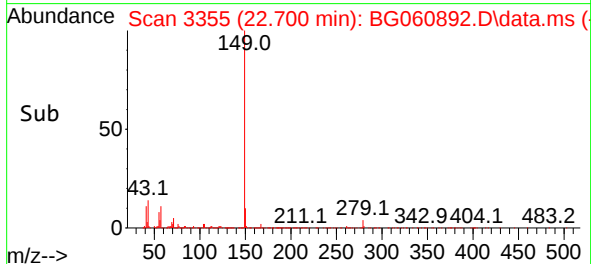
Instrument :
BNA_G
ClientSampleId :
PB160208BSD



Tgt Ion:149 Resp: 971658
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 13.9 11.3 16.9

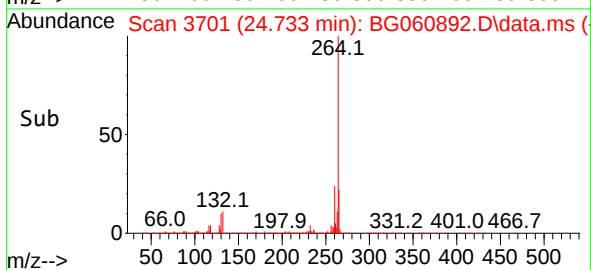
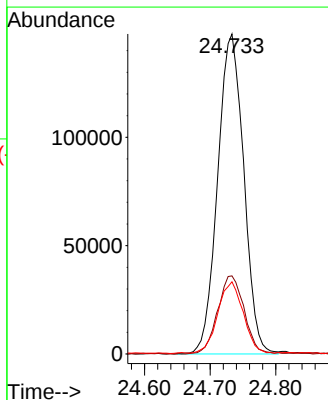
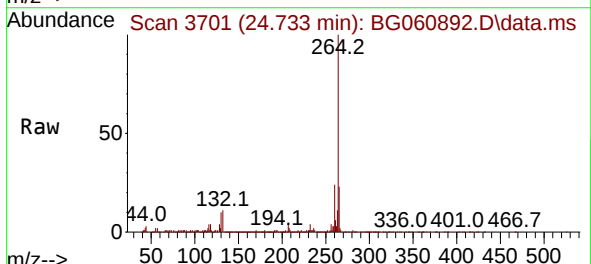
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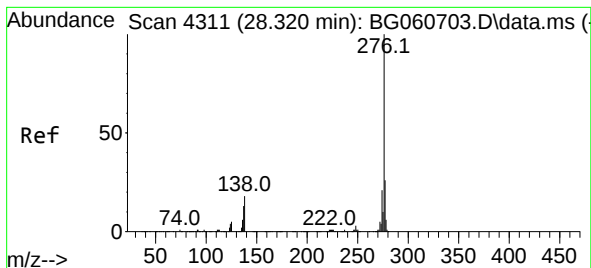
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.733 min Scan# 3701
Delta R.T. -0.015 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Tgt Ion:264 Resp: 407835
Ion Ratio Lower Upper
264 100
260 24.4 19.5 29.3
265 22.6 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.312 ng

RT: 28.300 min Scan# 4311

Delta R.T. -0.020 min

Lab File: BG060892.D

Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

PB160208BSD

Tgt Ion:276 Resp: 1243910

Ion Ratio Lower Upper

276 100

138 11.4 12.4 18.6

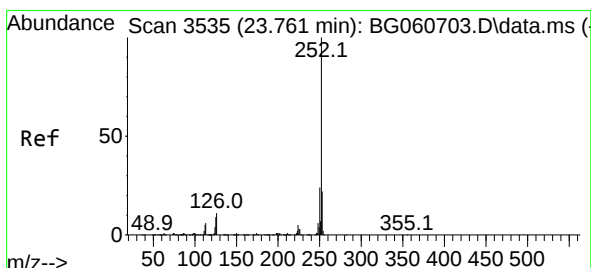
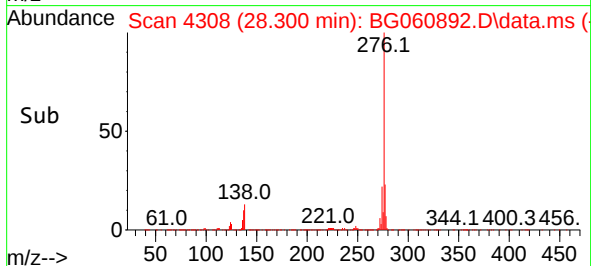
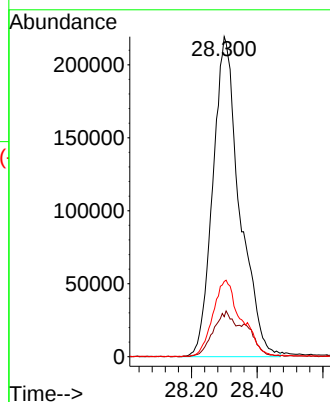
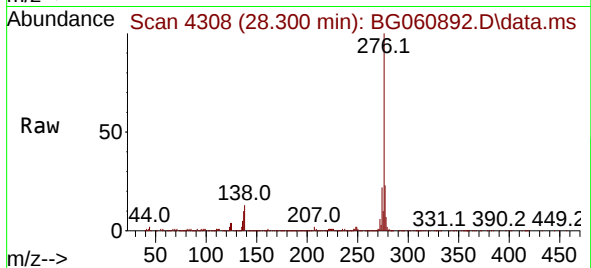
277 25.1 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#88

Benzo(b)fluoranthene

Concen: 43.892 ng

RT: 23.746 min Scan# 3533

Delta R.T. -0.015 min

Lab File: BG060892.D

Acq: 13 Apr 2024 13:46

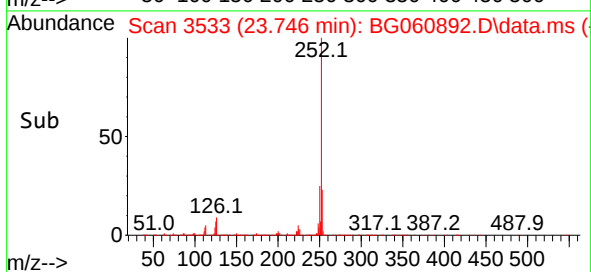
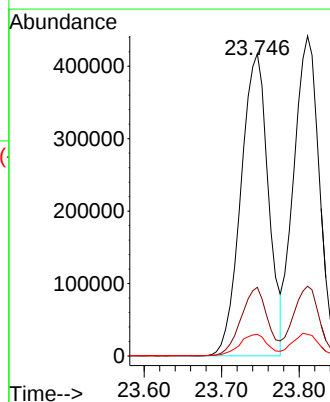
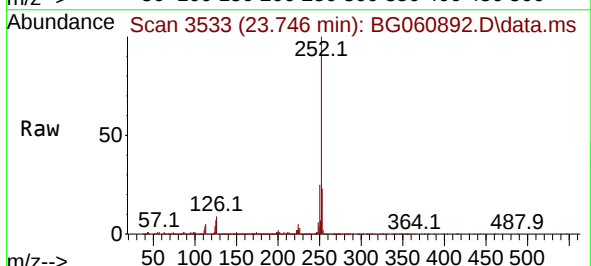
Tgt Ion:252 Resp: 1028388

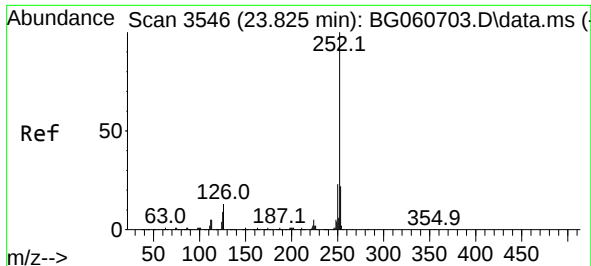
Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

125 7.1 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 41.984 ng
RT: 23.811 min Scan# 3544
Delta R.T. -0.015 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

PB160208BSD

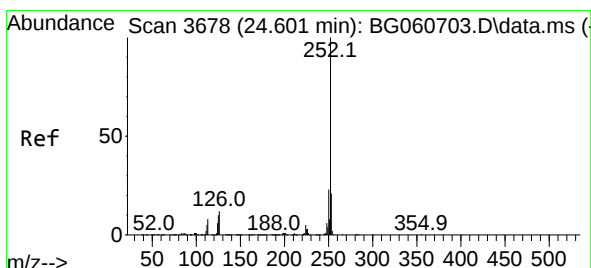
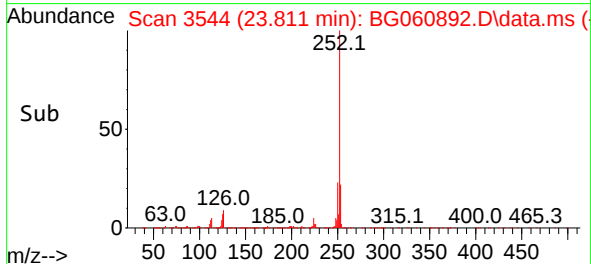
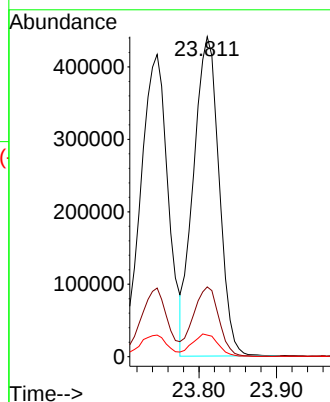
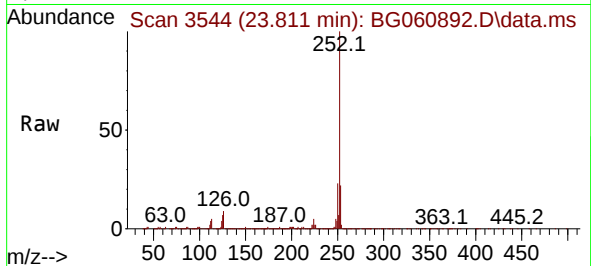
Tgt Ion:252 Resp: 100685
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 6.7 7.5 11.3

Manual Integrations

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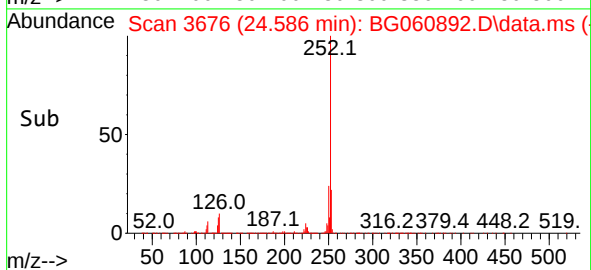
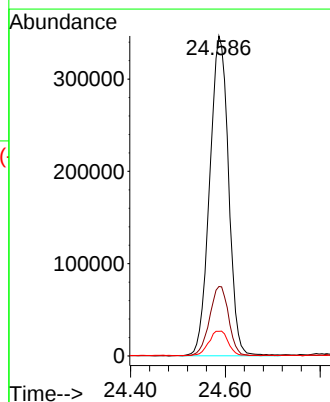
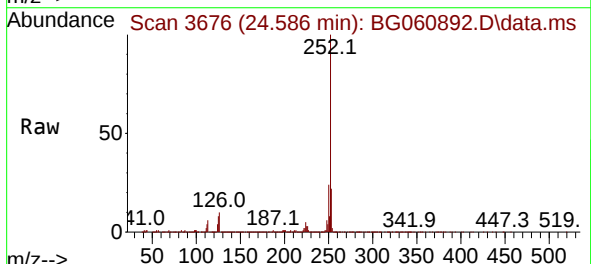
Reviewed By :Yogesh Patel 04/16/2024

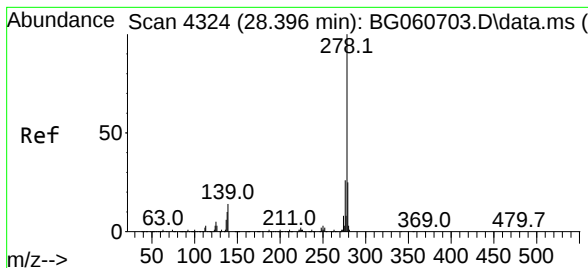
Supervised By :mohammad ahmed 04/17/2024



#90
Benzo(a)pyrene
Concen: 42.000 ng
RT: 24.586 min Scan# 3676
Delta R.T. -0.015 min
Lab File: BG060892.D
Acq: 13 Apr 2024 13:46

Tgt Ion:252 Resp: 956311
Ion Ratio Lower Upper
252 100
253 21.7 16.8 25.2
125 7.7 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 42.495 ng

RT: 28.370 min Scan# 41

Delta R.T. -0.026 min

Lab File: BG060892.D

Acq: 13 Apr 2024 13:46

Instrument :

BNA_G

ClientSampleId :

PB160208BSD

Tgt Ion:278 Resp: 102881

Ion Ratio Lower Upper

278 100

139 10.9 11.1 16.7

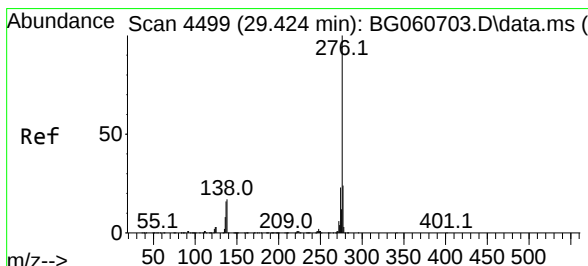
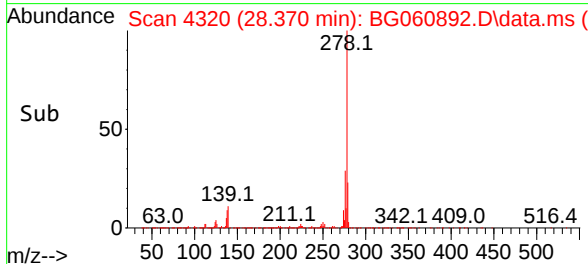
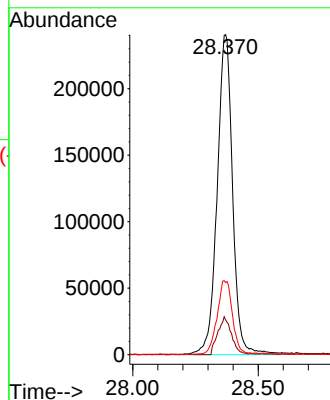
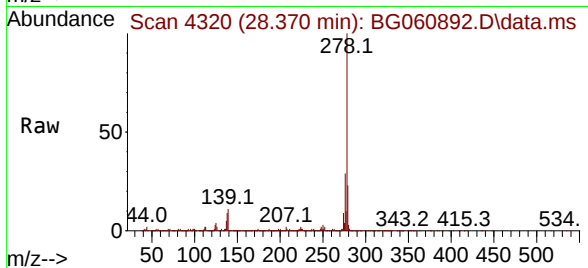
279 22.6 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#92

Benzo(g,h,i)perylene

Concen: 40.543 ng

RT: 29.404 min Scan# 4496

Delta R.T. -0.020 min

Lab File: BG060892.D

Acq: 13 Apr 2024 13:46

Tgt Ion:276 Resp: 954822

Ion Ratio Lower Upper

276 100

277 22.9 18.9 28.3

138 14.7 14.0 21.0

