

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
 Data File : BG060723.D
 Acq On : 1 Apr 2024 20:15
 Operator : MA/JU
 Sample : P1927-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11991MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/02/2024
 Supervised By :mohammad ahmed 04/02/2024

Quant Time: Apr 02 01:18:30 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	7.953	152	65743	20.000	ng	0.00
21) Naphthalene-d8	10.756	136	311725	20.000	ng	0.00
39) Acenaphthene-d10	14.587	164	247661	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	552807	20.000	ng	0.00
76) Chrysene-d12	21.596	240	516888	20.000	ng	0.00
86) Perylene-d12	24.734	264	603988	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	367508	93.124	ng	0.00
7) Phenol-d6	7.113	99	516803	88.222	ng	0.00
23) Nitrobenzene-d5	9.105	82	301690	55.225	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	263870	93.859	ng	0.00
45) 2-Fluorobiphenyl	13.212	172	862171	51.092	ng	0.00
79) Terphenyl-d14	19.957	244	1574563	53.639	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	47306	29.237	ng	98
3) Pyridine	3.840	79	134883	27.637	ng	94
4) n-Nitrosodimethylamine	3.758	42	96920	33.222	ng	94
6) Aniline	7.278	93	137953	18.649	ng	98
8) 2-Chlorophenol	7.518	128	185401	41.439	ng	94
9) Benzaldehyde	7.090	77	22768m	7.048	ng	
10) Phenol	7.137	94	257122	43.008	ng	98
11) bis(2-Chloroethyl)ether	7.377	93	167652	34.734	ng	97
12) 1,3-Dichlorobenzene	7.847	146	175971	37.822	ng	98
13) 1,4-Dichlorobenzene	7.994	146	179543	37.824	ng	99
14) 1,2-Dichlorobenzene	8.306	146	181477	39.012	ng	99
15) Benzyl Alcohol	8.188	79	180936	38.131	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.476	45	398549	36.587	ng	99
17) 2-Methylphenol	8.388	107	176176	39.036	ng	99
18) Hexachloroethane	9.040	117	66141	39.233	ng	94
19) n-Nitroso-di-n-propyla...	8.758	70	154690	34.627	ng	# 98
20) 3+4-Methylphenols	8.717	107	239996	38.833	ng	96
22) Acetophenone	8.770	105	295432	34.371	ng	98
24) Nitrobenzene	9.152	77	215844	36.218	ng	95
25) Isophorone	9.675	82	432210	34.350	ng	100
26) 2-Nitrophenol	9.863	139	88302	42.569	ng	98
27) 2,4-Dimethylphenol	9.922	122	158036	31.267	ng	93
28) bis(2-Chloroethoxy)met...	10.162	93	256441	34.521	ng	99
29) 2,4-Dichlorophenol	10.392	162	198617	42.792	ng	99
30) 1,2,4-Trichlorobenzene	10.615	180	202793	38.585	ng	98
31) Naphthalene	10.803	128	617938	36.646	ng	100
32) Benzoic acid	10.051	122	147852	44.540	ng	95
33) 4-Chloroaniline	10.903	127	96932	12.376	ng	95
34) Hexachlorobutadiene	11.097	225	127528	36.408	ng	98
35) Caprolactam	11.667	113	72112m	39.227	ng	
36) 4-Chloro-3-methylphenol	12.025	107	244730	41.275	ng	98
37) 2-Methylnaphthalene	12.413	142	455737	36.761	ng	99
38) 1-Methylnaphthalene	12.630	142	430082	36.723	ng	93
40) 1,2,4,5-Tetrachloroben...	12.777	216	268595	37.724	ng	99
41) Hexachlorocyclopentadiene	12.765	237	245128	67.708	ng	99
43) 2,4,6-Trichlorophenol	13.012	196	192485	41.985	ng	96

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Manual Integrations

APPROVED

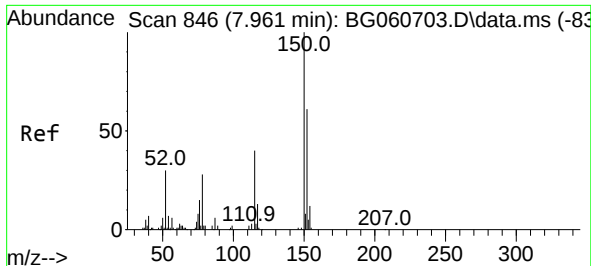
Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.083	196	210942	38.555	ng	98
46) 1,1'-Biphenyl	13.423	154	631927	36.124	ng	99
47) 2-Chloronaphthalene	13.459	162	501364	37.723	ng	99
48) 2-Nitroaniline	13.652	65	170171	40.661	ng	97
49) Acenaphthylene	14.305	152	866533	38.802	ng	100
50) Dimethylphthalate	14.046	163	666698	34.058	ng	99
51) 2,6-Dinitrotoluene	14.152	165	130994	38.148	ng	94
52) Acenaphthene	14.645	154	555197	39.597	ng	100
53) 3-Nitroaniline	14.475	138	94523	25.975	ng	92
54) 2,4-Dinitrophenol	14.681	184	129615	95.126	ng	89
55) Dibenzofuran	14.986	168	802913	36.304	ng	100
56) 4-Nitrophenol	14.781	139	250986	87.705	ng	94
57) 2,4-Dinitrotoluene	14.939	165	186310	41.625	ng	96
58) Fluorene	15.632	166	634023	35.719	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.204	232	192088	40.286	ng	99
60) Diethylphthalate	15.415	149	668434	33.941	ng	100
61) 4-Chlorophenyl-phenyle...	15.632	204	329084	35.044	ng	95
62) 4-Nitroaniline	15.644	138	141531	39.545	ng	96
63) Azobenzene	15.926	77	677554	35.306	ng	97
65) 4,6-Dinitro-2-methylph...	15.703	198	91168	41.140	ng	97
66) n-Nitrosodiphenylamine	15.844	169	582139	36.851	ng	99
67) 4-Bromophenyl-phenylether	16.526	248	220837	39.363	ng	98
68) Hexachlorobenzene	16.637	284	247006	39.001	ng	97
69) Atrazine	16.796	200	213231	38.599	ng	99
70) Pentachlorophenol	16.978	266	344476	83.358	ng	98
71) Phenanthrene	17.372	178	1147202	39.902	ng	98
72) Anthracene	17.466	178	1090756	37.357	ng	99
73) Carbazole	17.730	167	987268	38.350	ng	99
74) Di-n-butylphthalate	18.318	149	1173656	36.569	ng	100
75) Fluoranthene	19.387	202	1513751	43.390	ng	98
77) Benzidine	19.563	184	429942	31.588	ng	98
78) Pyrene	19.745	202	1482873	41.020	ng	99
80) Butylbenzylphthalate	20.656	149	530180	40.205	ng	99
81) Benzo(a)anthracene	21.578	228	1439494	39.508	ng	98
82) 3,3'-Dichlorobenzidine	21.490	252	274429	22.307	ng	100
83) Chrysene	21.637	228	1428980	40.691	ng	99
84) Bis(2-ethylhexyl)phtha...	21.526	149	809932	38.534	ng	98
85) Di-n-octyl phthalate	22.730	149	1381349	40.342	ng	100
87) Indeno(1,2,3-cd)pyrene	28.294	276	1752429	41.202	ng	100
88) Benzo(b)fluoranthene	23.741	252	1517223	43.725	ng	98
89) Benzo(k)fluoranthene	23.811	252	1428782	40.230	ng	98
90) Benzo(a)pyrene	24.587	252	1328438	39.395	ng	99
91) Dibenzo(a,h)anthracene	28.365	278	1398480	39.005	ng	98
92) Benzo(g,h,i)perylene	29.405	276	1317433	37.773	ng	99

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



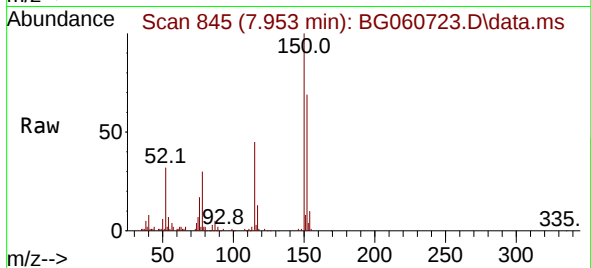
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.953 min Scan# 84
 Delta R.T. -0.008 min
 Lab File: BG060723.D
 Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

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72-11991MSD

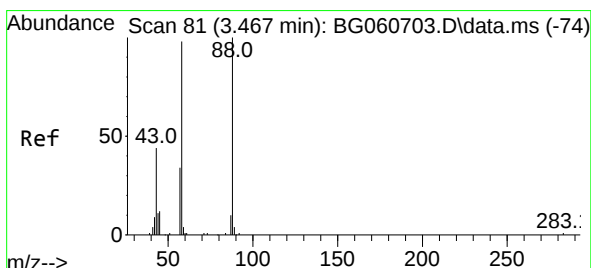
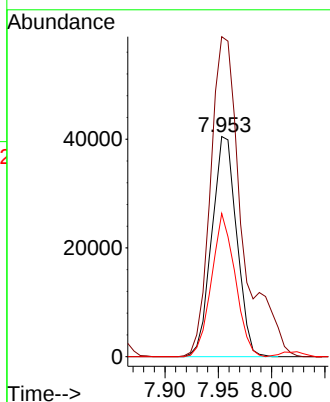
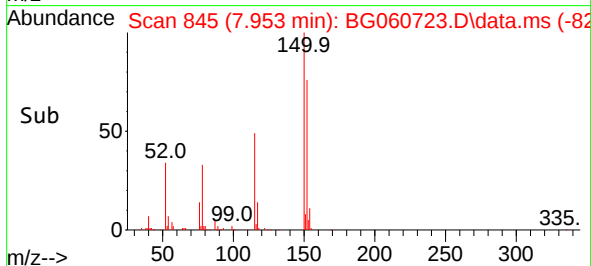


Tgt Ion:152 Resp: 6574
 Ion Ratio Lower Upper
 152 100
 150 145.3 130.2 195.4
 115 65.0 51.6 77.4

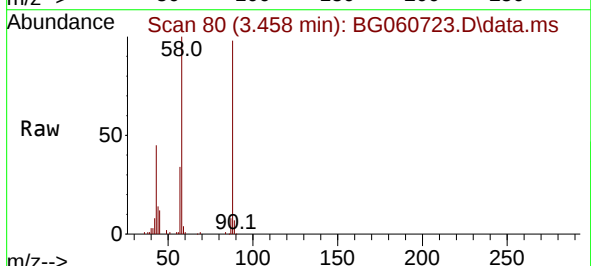
Manual Integrations

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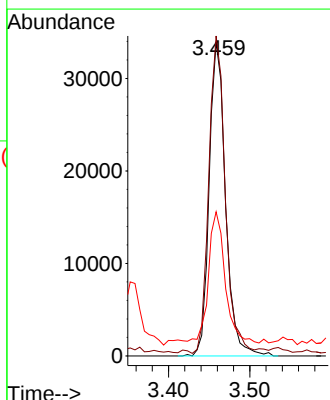
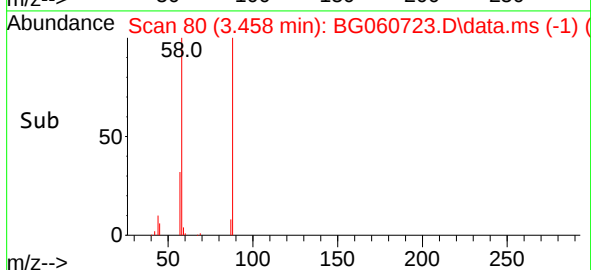
Reviewed By :Yogesh Patel 04/02/2024
 Supervised By :mohammad ahmed 04/02/2024

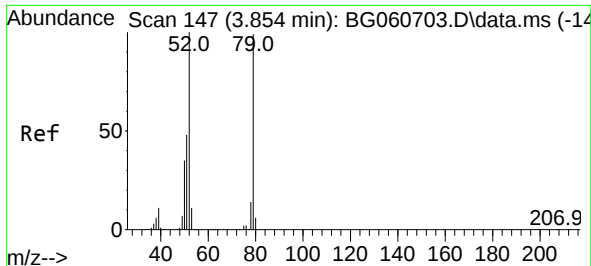


#2
 1,4-Dioxane
 Concen: 29.237 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.008 min
 Lab File: BG060723.D
 Acq: 1 Apr 2024 20:15



Tgt Ion: 88 Resp: 47306
 Ion Ratio Lower Upper
 88 100
 58 102.6 80.9 121.3
 43 42.9 35.4 53.0





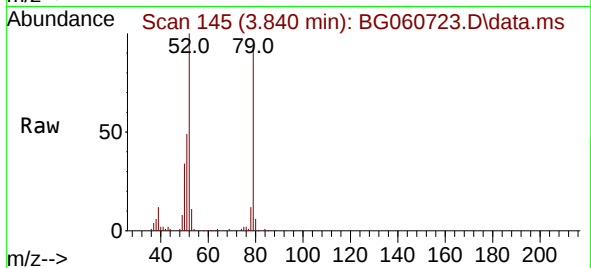
#3
Pyridine
Concen: 27.637 ng
RT: 3.840 min Scan# 147
Delta R.T. -0.014 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

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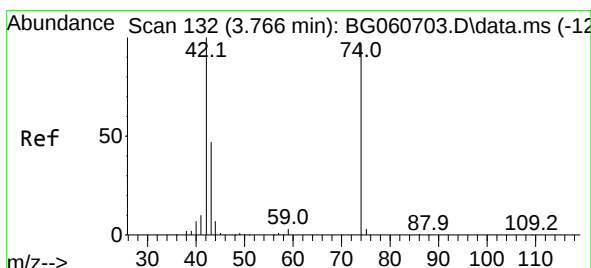
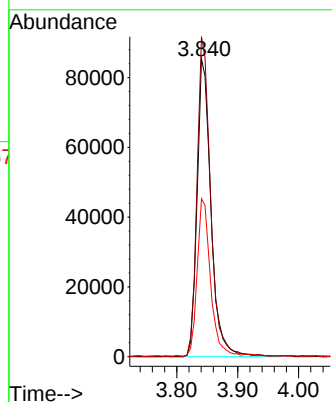
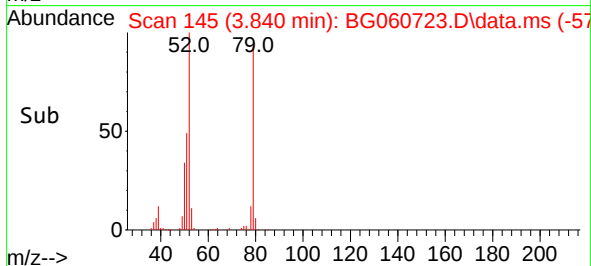
Tgt Ion: 79 Resp: 13488
Ion Ratio Lower Upper
79 100
52 107.4 80.6 120.8
51 53.0 39.1 58.7

Manual Integrations

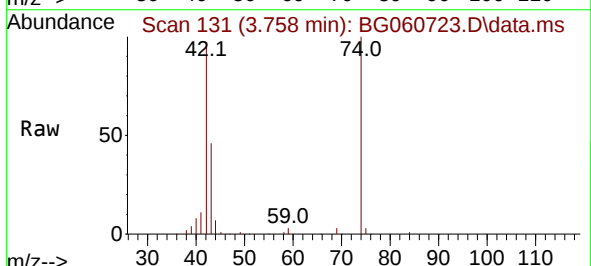
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Reviewed By :Yogesh Patel 04/02/2024

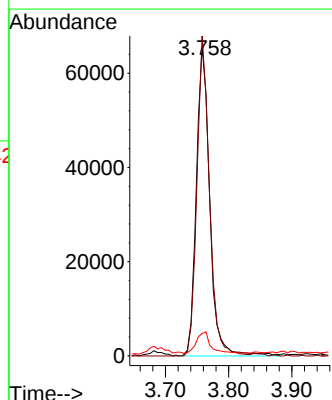
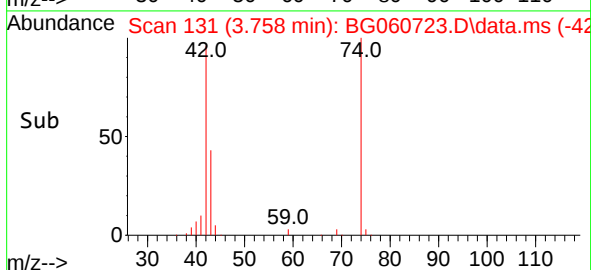
Supervised By :mohammad ahmed 04/02/2024



#4
n-Nitrosodimethylamine
Concen: 33.222 ng
RT: 3.758 min Scan# 131
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15



Tgt Ion: 42 Resp: 96920
Ion Ratio Lower Upper
42 100
74 103.6 77.8 116.8
44 7.2 6.8 10.2





#5
2-Fluorophenol
Concen: 93.124 ng
RT: 5.538 min Scan# 41
Delta R.T. 0.004 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

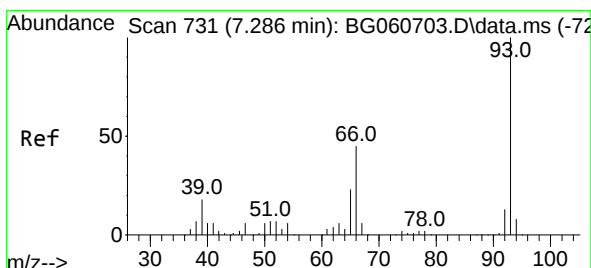
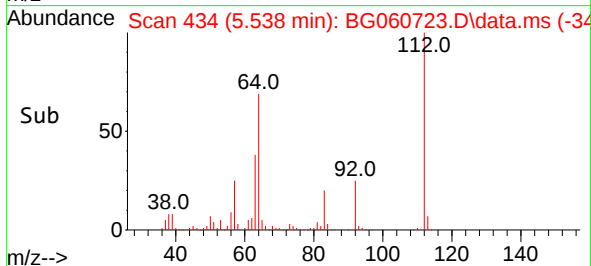
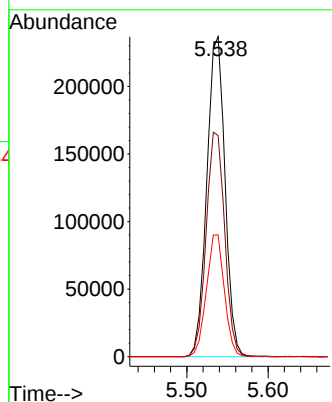
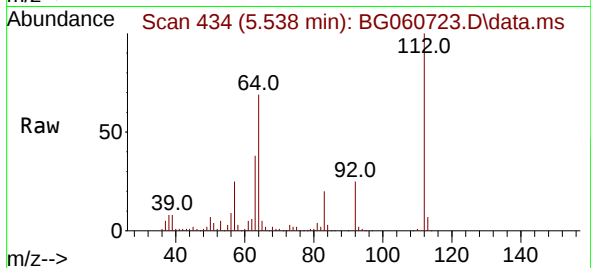
72-11991MSD

Tgt Ion:112 Resp: 367508
Ion Ratio Lower Upper
112 100
64 69.1 58.4 87.6
63 38.1 32.7 49.1

Manual Integrations

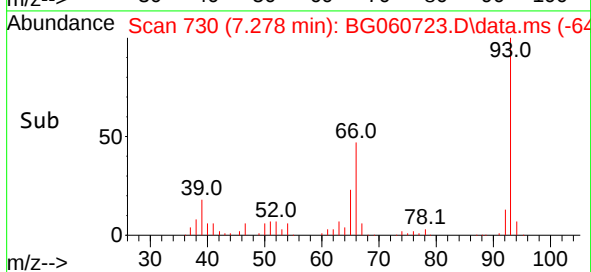
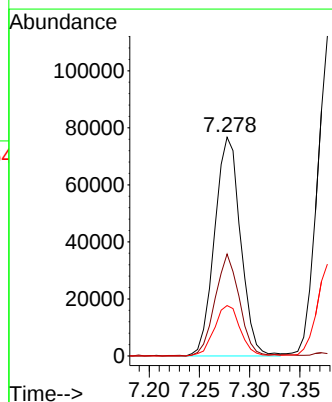
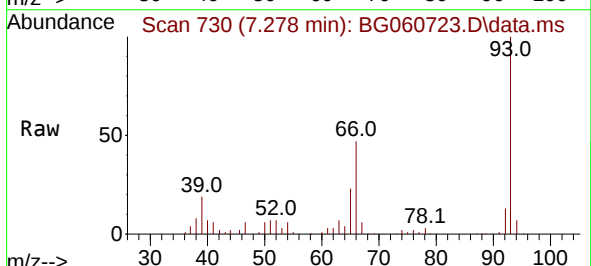
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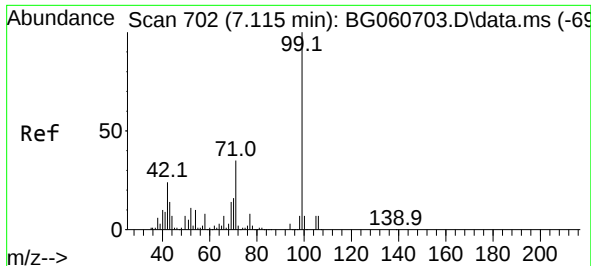
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#6
Aniline
Concen: 18.649 ng
RT: 7.278 min Scan# 730
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

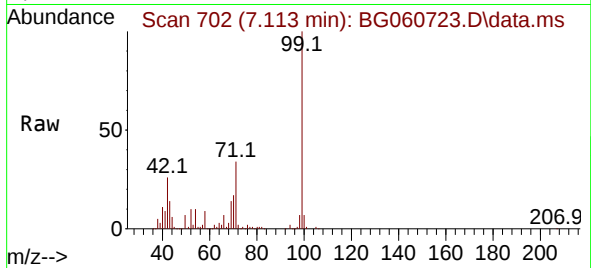
Tgt Ion: 93 Resp: 137953
Ion Ratio Lower Upper
93 100
66 46.6 36.1 54.1
65 23.1 18.1 27.1





#7
Phenol-d6
Concen: 88.222 ng
RT: 7.113 min Scan# 702
Delta R.T. -0.002 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

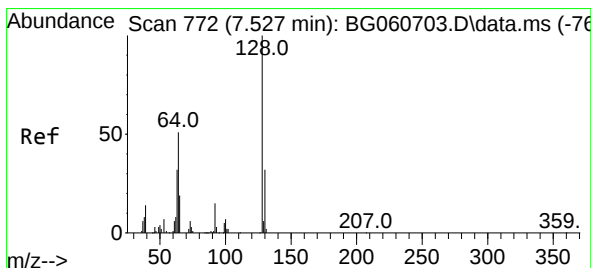
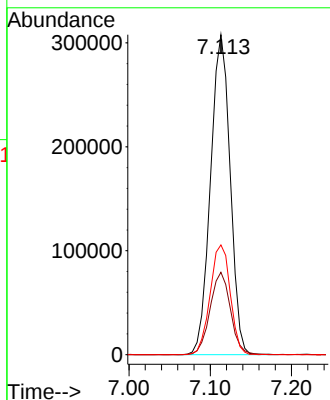
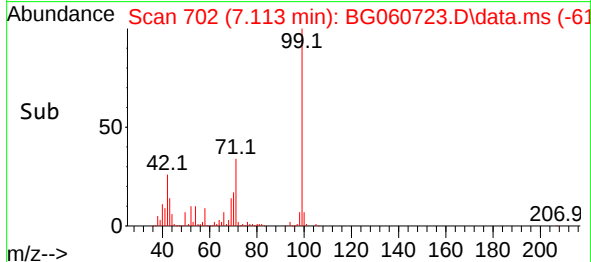
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 51680
Ion Ratio Lower Upper
99 100
42 25.7 19.4 29.2
71 34.3 28.2 42.2

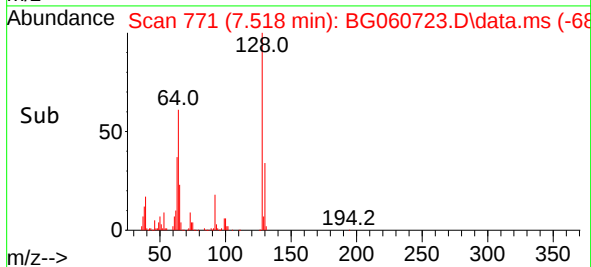
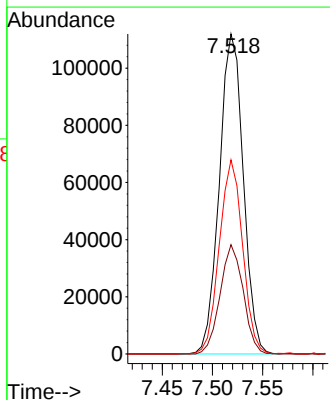
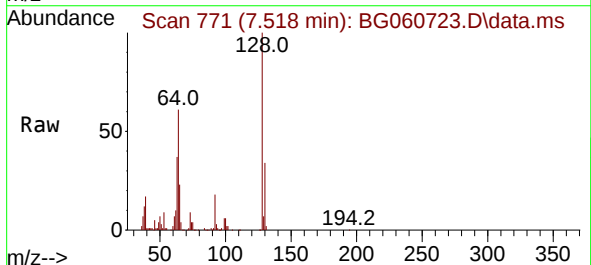
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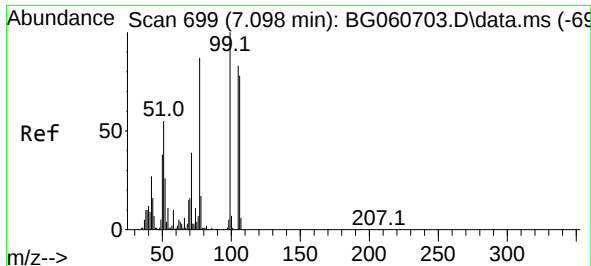
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#8
2-Chlorophenol
Concen: 41.439 ng
RT: 7.518 min Scan# 771
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Tgt Ion:128 Resp: 185401
Ion Ratio Lower Upper
128 100
130 34.2 12.3 52.3
64 60.7 35.0 75.0





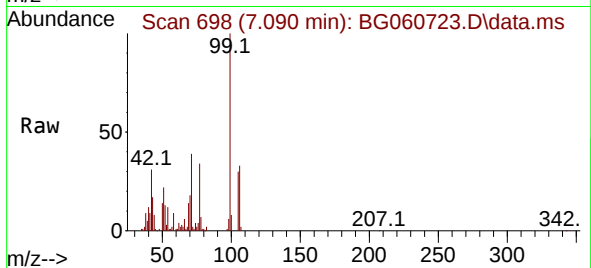
#9
Benzaldehyde
Concen: 7.048 ng m
RT: 7.090 min Scan# 699
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

72-11991MSD



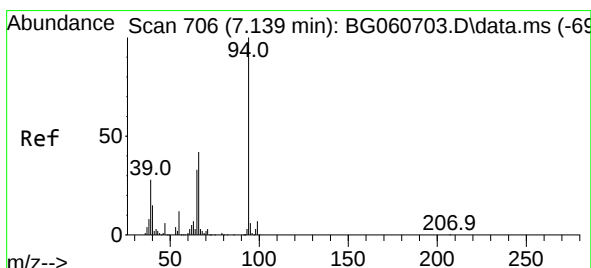
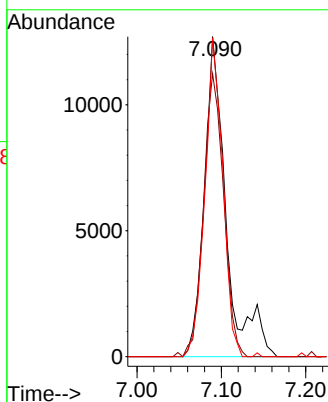
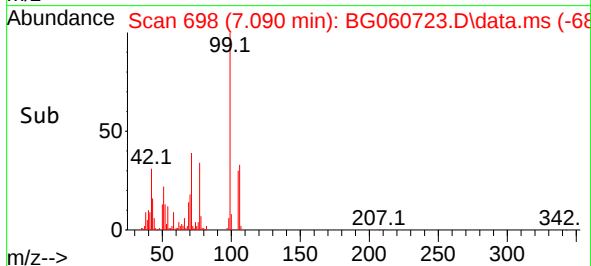
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Ion Ratio Lower Upper
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105 88.5 76.0 116.0
106 99.6 70.3 110.3

Manual Integrations

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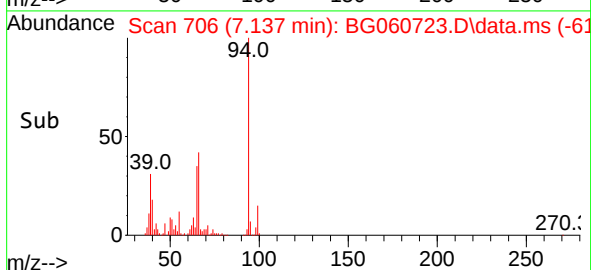
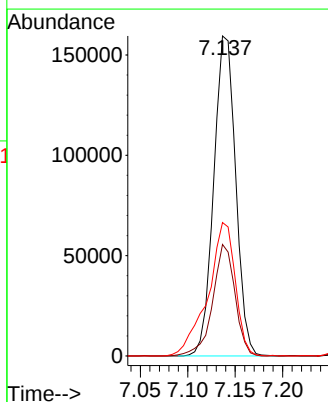
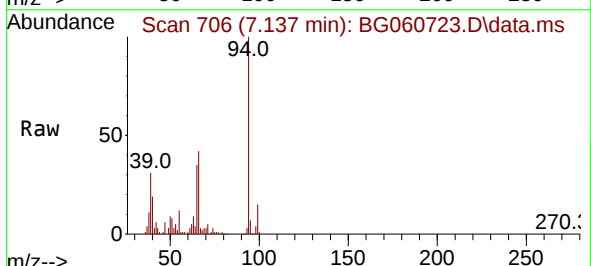
Reviewed By :Yogesh Patel 04/02/2024

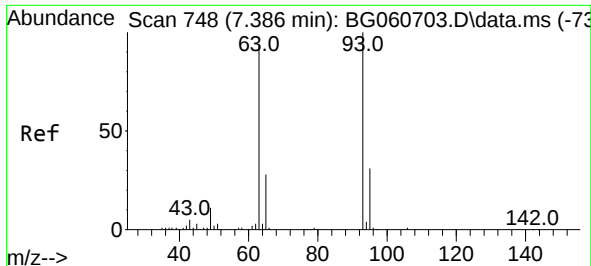
Supervised By :mohammad ahmed 04/02/2024



#10
Phenol
Concen: 43.008 ng
RT: 7.137 min Scan# 706
Delta R.T. -0.002 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

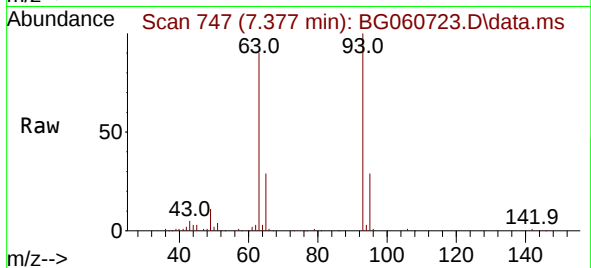
Tgt Ion: 94 Resp: 257122
Ion Ratio Lower Upper
94 100
65 34.9 13.3 53.3
66 41.7 22.9 62.9





#11
bis(2-Chloroethyl)ether
Concen: 34.734 ng
RT: 7.377 min Scan# 748
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

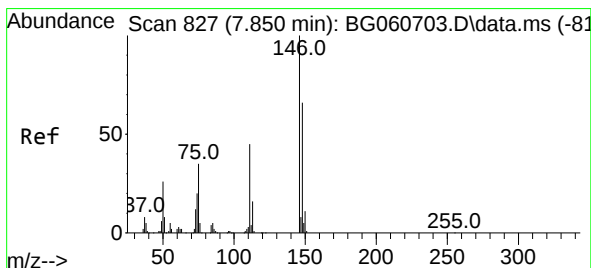
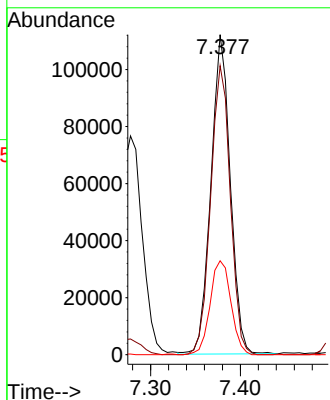
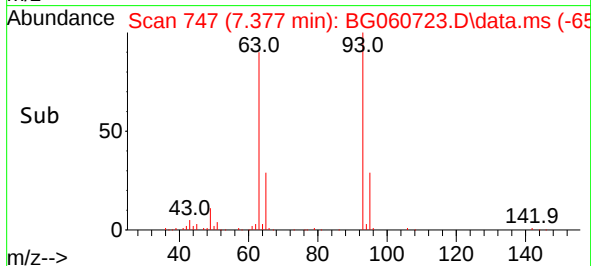
Instrument :
BNA_G
ClientSampleId :
72-11991MSD



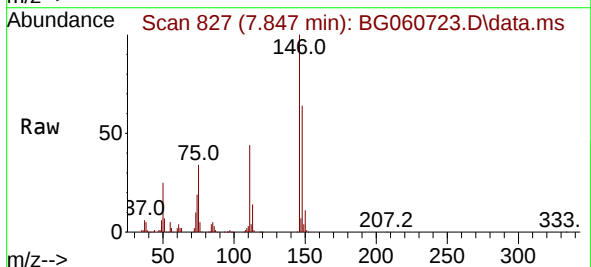
Tgt Ion: 93 Resp: 167652
Ion Ratio Lower Upper
93 100
63 90.3 73.7 113.7
95 29.4 11.2 51.2

Manual Integrations
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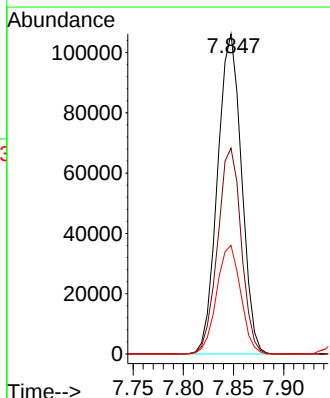
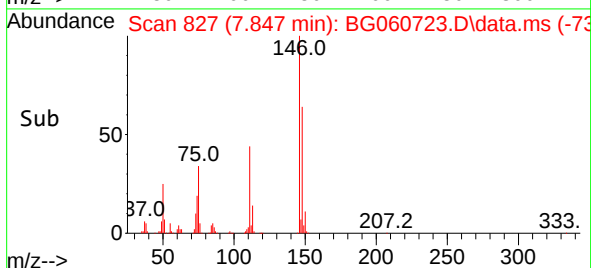
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#12
1,3-Dichlorobenzene
Concen: 37.822 ng
RT: 7.847 min Scan# 827
Delta R.T. -0.002 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15



Tgt Ion:146 Resp: 175971
Ion Ratio Lower Upper
146 100
148 64.3 53.0 79.4
75 33.9 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 37.824 ng

RT: 7.994 min Scan# 81

Delta R.T. -0.002 min

Lab File: BG060723.D

Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

Tgt Ion:146 Resp: 17954

Ion Ratio Lower Upper

146 100

148 63.5 51.1 76.7

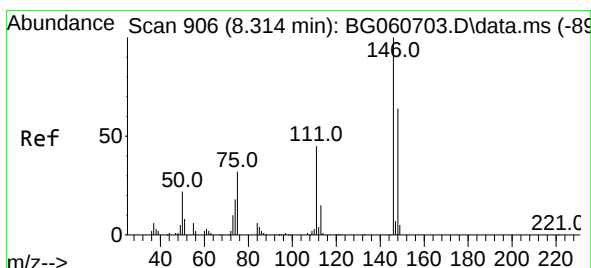
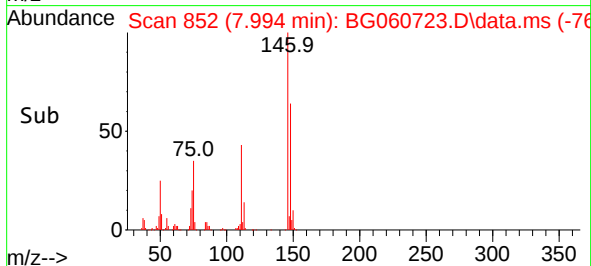
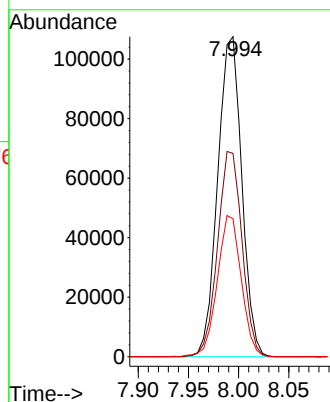
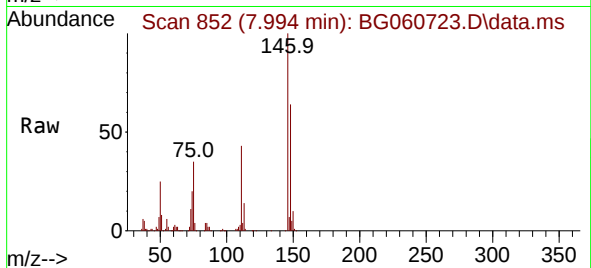
111 43.1 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#14

1,2-Dichlorobenzene

Concen: 39.012 ng

RT: 8.306 min Scan# 905

Delta R.T. -0.008 min

Lab File: BG060723.D

Acq: 1 Apr 2024 20:15

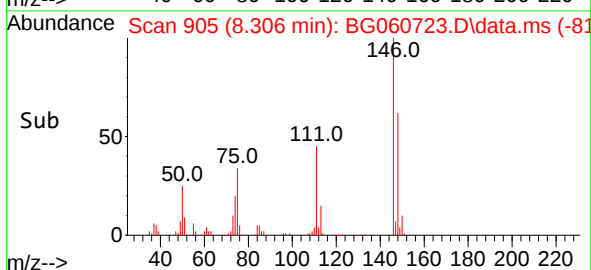
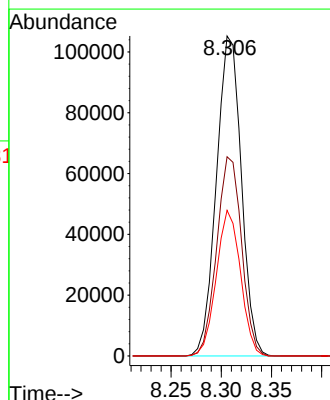
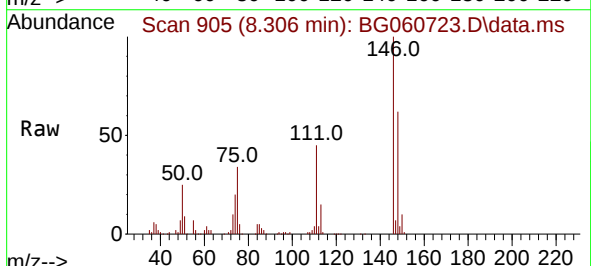
Tgt Ion:146 Resp: 181477

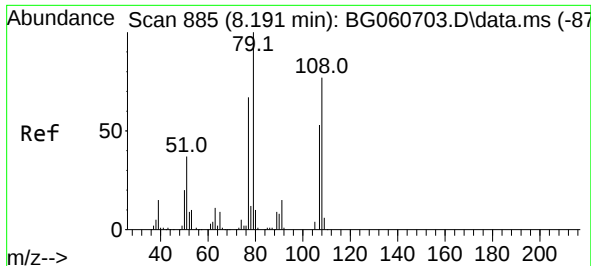
Ion Ratio Lower Upper

146 100

148 62.2 51.0 76.6

111 45.5 36.0 54.0





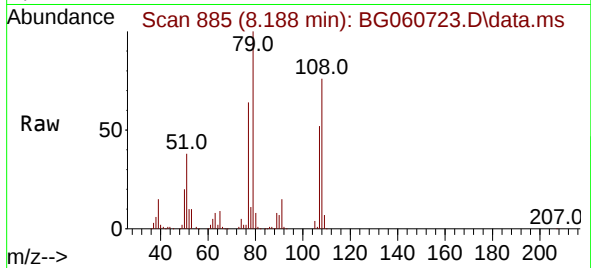
#15
Benzyl Alcohol
Concen: 38.131 ng
RT: 8.188 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

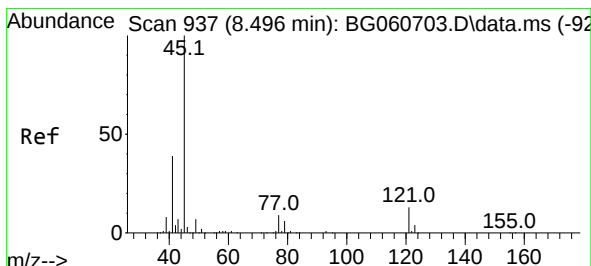
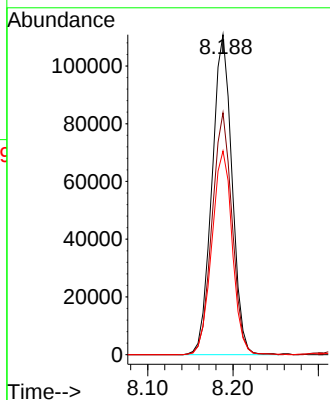
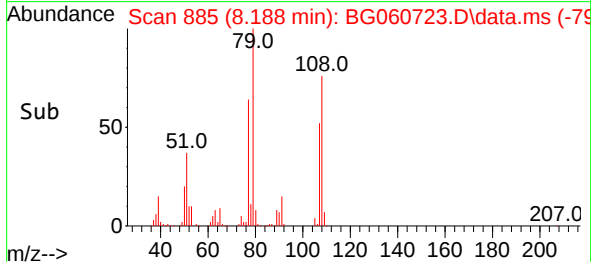
72-11991MSD



Tgt Ion: 79 Resp: 180930
Ion Ratio Lower Upper
79 100
108 75.6 61.4 92.0
77 63.6 53.6 80.4

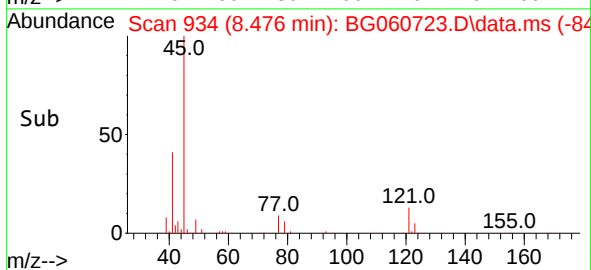
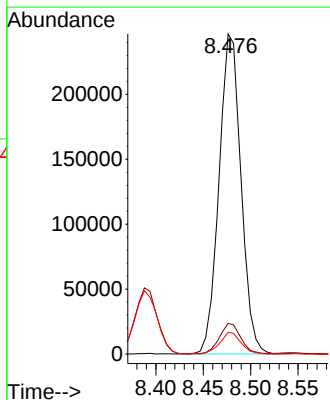
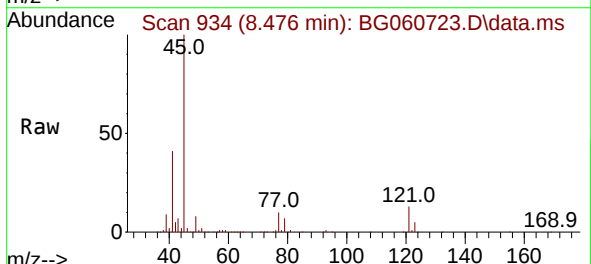
Manual Integrations
APPROVED

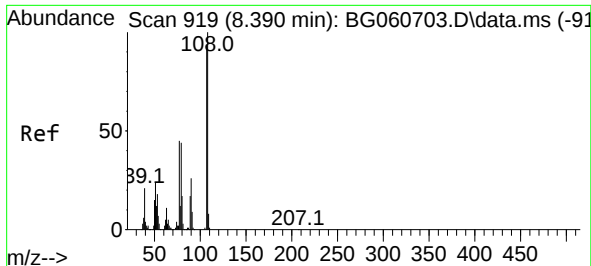
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.587 ng
RT: 8.476 min Scan# 934
Delta R.T. -0.020 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Tgt Ion: 45 Resp: 398549
Ion Ratio Lower Upper
45 100
77 9.6 0.0 29.1
79 6.7 0.0 26.5





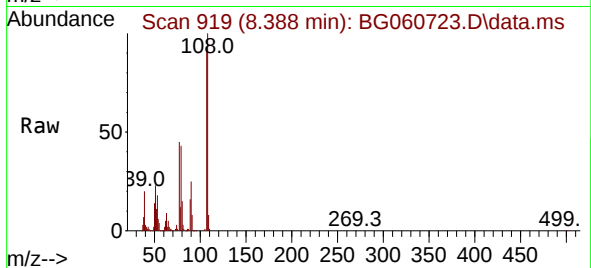
#17
2-Methylphenol
Concen: 39.036 ng
RT: 8.388 min Scan# 919
Delta R.T. -0.002 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

72-11991MSD



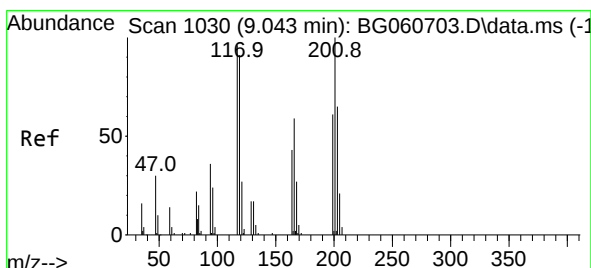
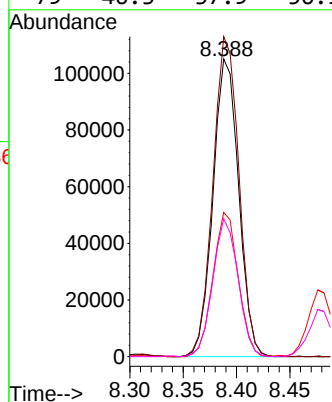
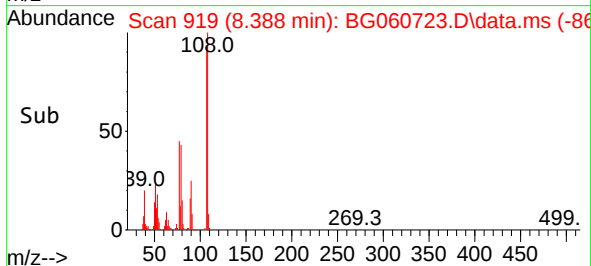
Tgt Ion:	107	Resp:	176170
Ion	Ratio	Lower	Upper
107	100		
108	107.5	86.4	129.6
77	48.5	38.6	58.0
79	46.3	37.9	56.9

Manual Integrations

APPROVED

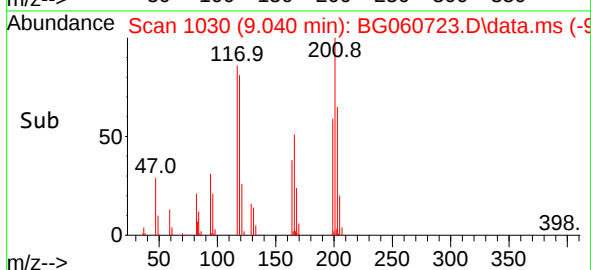
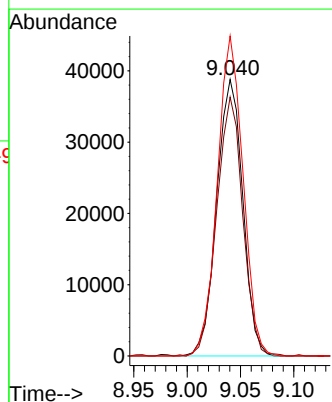
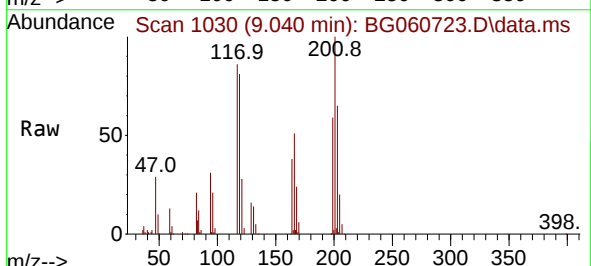
Reviewed By :Yogesh Patel 04/02/2024

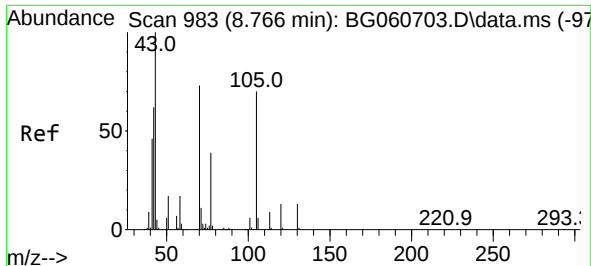
Supervised By :mohammad ahmed 04/02/2024



#18
Hexachloroethane
Concen: 39.233 ng
RT: 9.040 min Scan# 1030
Delta R.T. -0.002 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

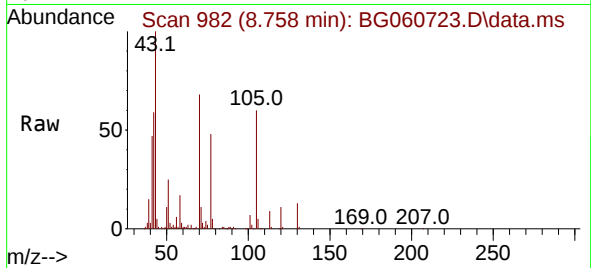
Tgt Ion:	117	Resp:	66141
Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.7	113.5
201	115.7	83.4	125.2





#19
n-Nitroso-di-n-propylamine
Concen: 34.627 ng
RT: 8.758 min Scan# 982
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

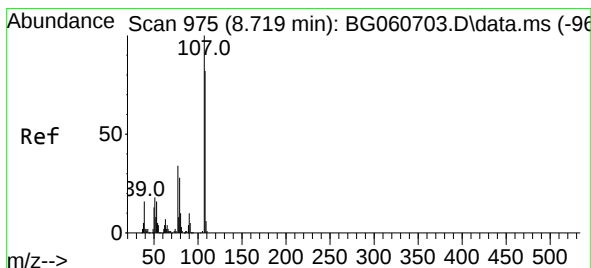
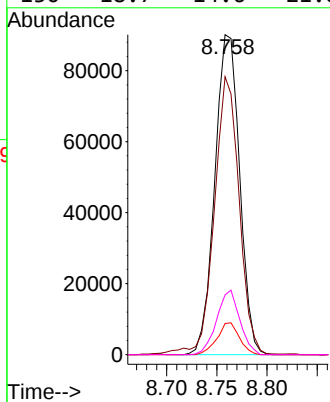
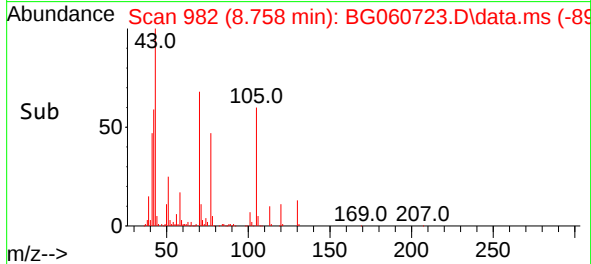
Instrument :
BNA_G
ClientSampleId :
72-11991MSD



Tgt Ion: 70 Resp: 154690
Ion Ratio Lower Upper
70 100
42 86.9 68.4 102.6
101 9.7 6.1 9.1
130 18.7 14.6 21.8

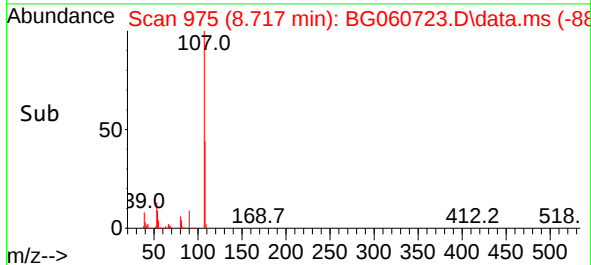
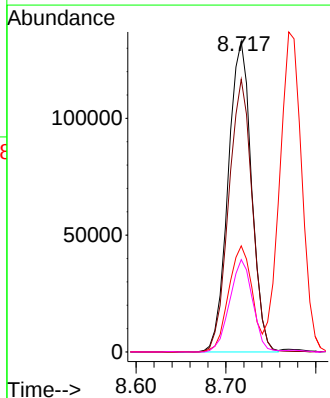
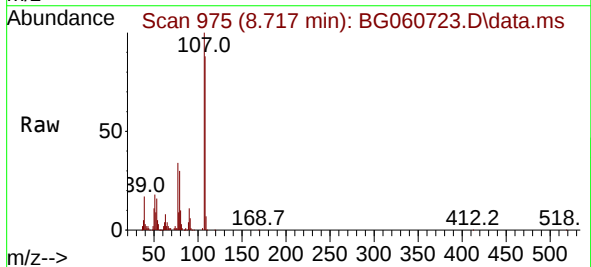
Manual Integrations
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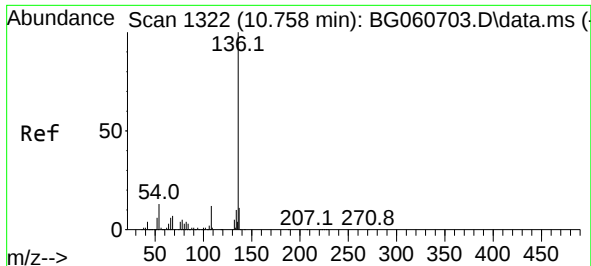
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#20
3+4-Methylphenols
Concen: 38.833 ng
RT: 8.717 min Scan# 975
Delta R.T. -0.002 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Tgt Ion:107 Resp: 239996
Ion Ratio Lower Upper
107 100
108 87.8 62.2 102.2
77 34.2 14.1 54.1
79 29.8 7.7 47.7





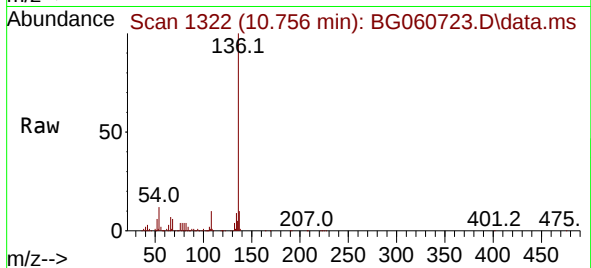
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.756 min Scan# 1322
Delta R.T. -0.002 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

72-11991MSD



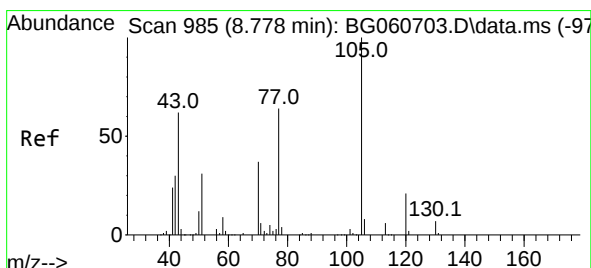
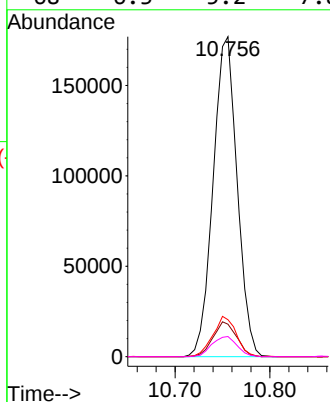
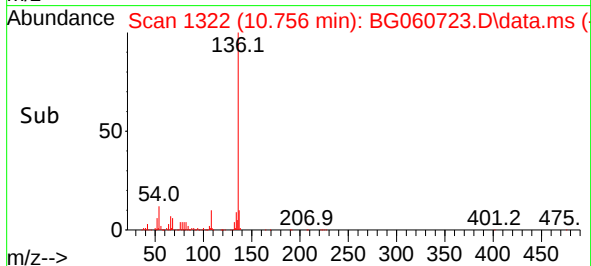
Tgt Ion:136 Resp: 311729
Ion Ratio Lower Upper
136 100
137 10.1 8.8 13.2
54 11.6 10.2 15.2
68 6.3 5.2 7.8

Manual Integrations

APPROVED

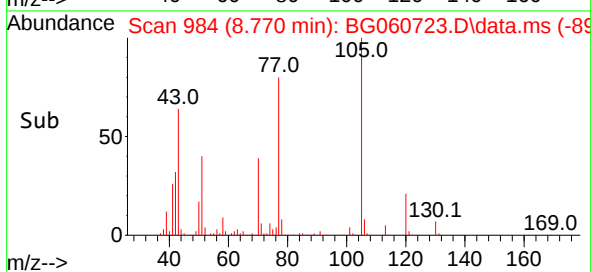
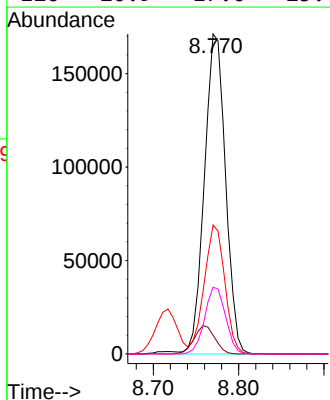
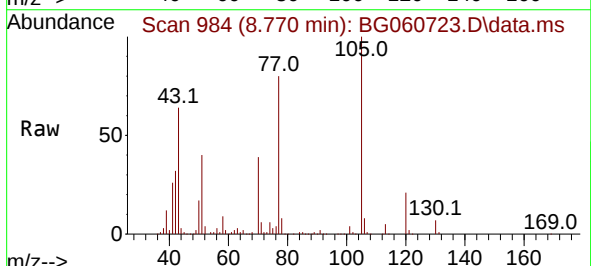
Reviewed By :Yogesh Patel 04/02/2024

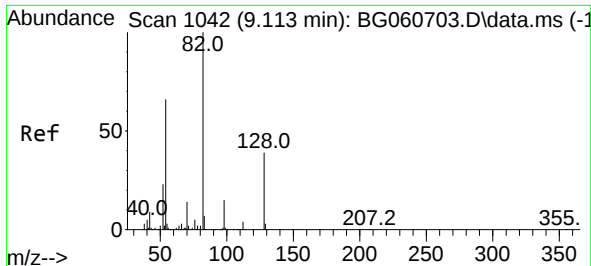
Supervised By :mohammad ahmed 04/02/2024



#22
Acetophenone
Concen: 34.371 ng
RT: 8.770 min Scan# 984
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Tgt Ion:105 Resp: 295432
Ion Ratio Lower Upper
105 100
71 5.9 4.9 7.3
51 40.3 31.1 46.7
120 20.9 17.0 25.4





#23

Nitrobenzene-d5

Concen: 55.225 ng

RT: 9.105 min Scan# 1041

Delta R.T. -0.008 min

Lab File: BG060723.D

Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

Tgt Ion: 82 Resp: 301690

Ion Ratio Lower Upper

82 100

128 38.9 31.2 46.8

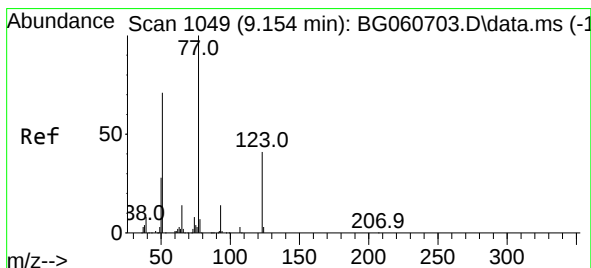
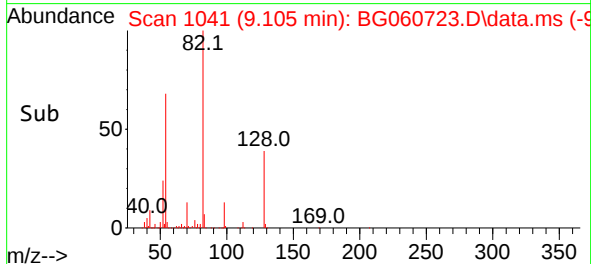
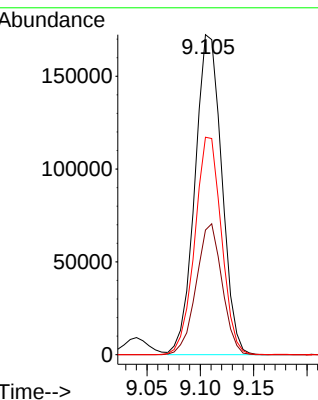
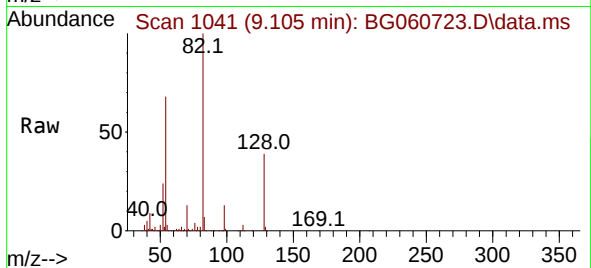
54 67.9 53.2 79.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#24

Nitrobenzene

Concen: 36.218 ng

RT: 9.152 min Scan# 1049

Delta R.T. -0.002 min

Lab File: BG060723.D

Acq: 1 Apr 2024 20:15

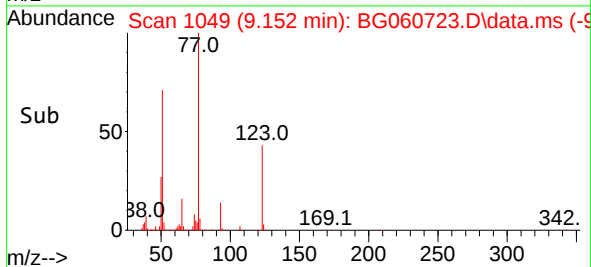
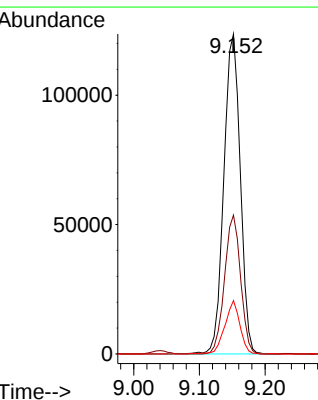
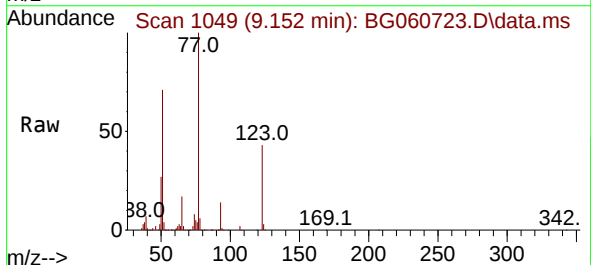
Tgt Ion: 77 Resp: 215844

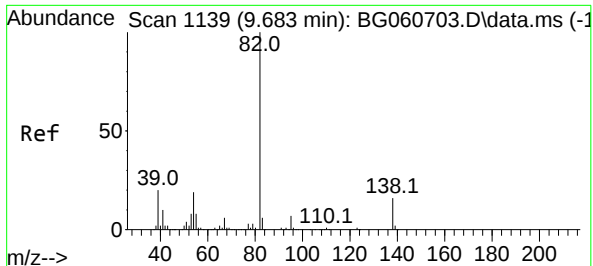
Ion Ratio Lower Upper

77 100

123 43.4 32.7 49.1

65 16.6 11.3 16.9





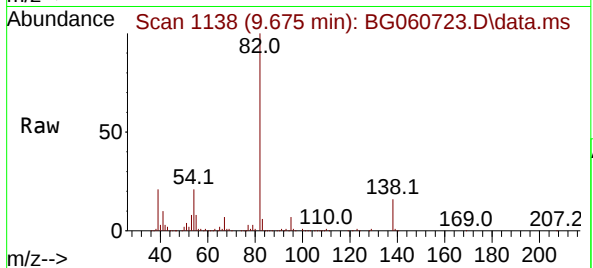
#25
Isophorone
Concen: 34.350 ng
RT: 9.675 min Scan# 1138
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

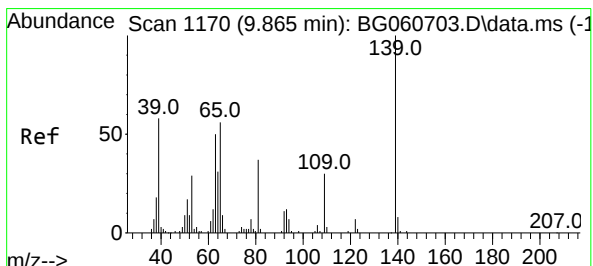
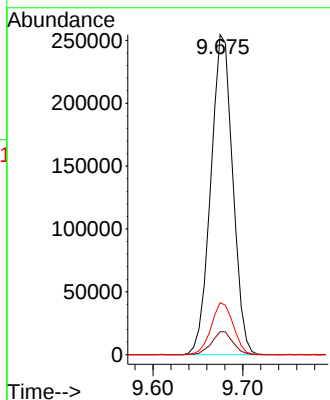
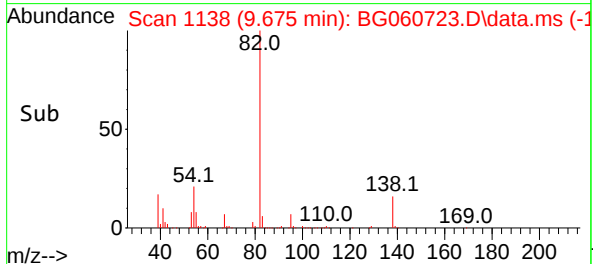


Tgt Ion: 82 Resp: 432210
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 16.3 13.0 19.4

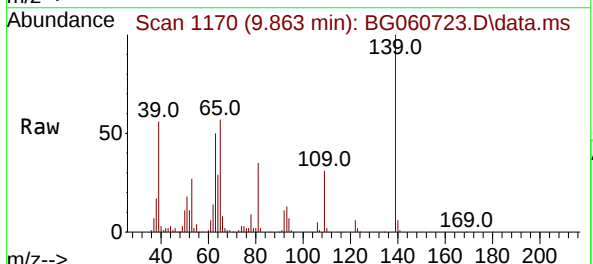
Manual Integrations

APPROVED

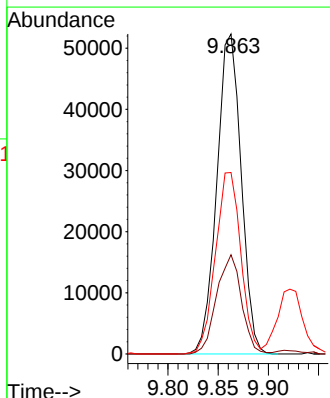
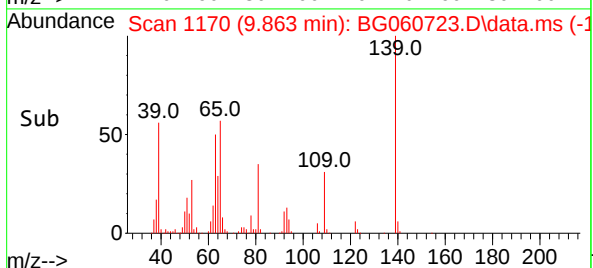
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

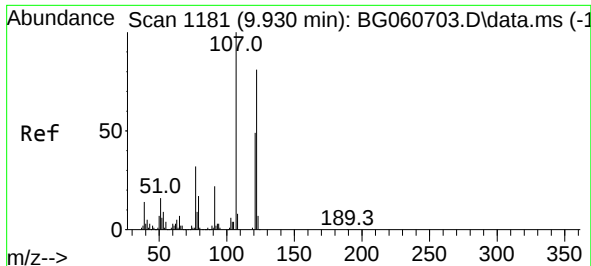


#26
2-Nitrophenol
Concen: 42.569 ng
RT: 9.863 min Scan# 1170
Delta R.T. -0.002 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15



Tgt Ion:139 Resp: 88302
Ion Ratio Lower Upper
139 100
109 31.0 23.9 35.9
65 56.7 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 31.267 ng

RT: 9.922 min Scan# 1180

Delta R.T. -0.008 min

Lab File: BG060723.D

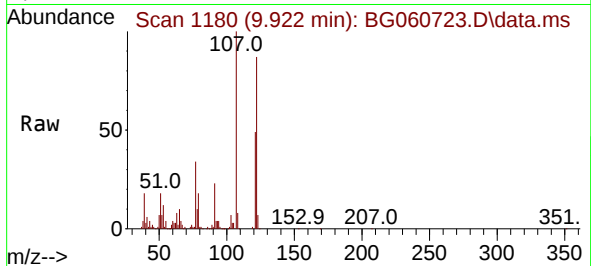
Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

72-11991MSD



Tgt Ion:122 Resp: 158030

Ion Ratio Lower Upper

122 100

107 114.8 98.6 147.8

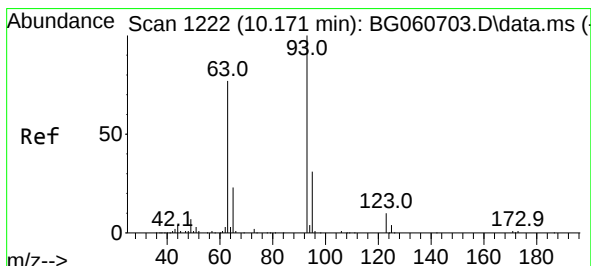
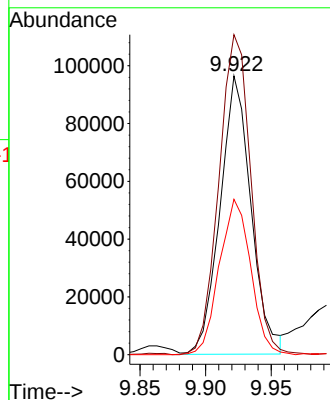
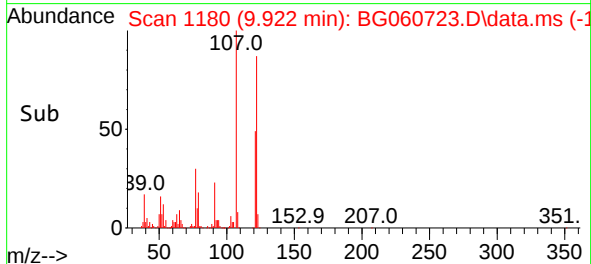
121 55.7 48.1 72.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#28

bis(2-Chloroethoxy)methane

Concen: 34.521 ng

RT: 10.162 min Scan# 1221

Delta R.T. -0.008 min

Lab File: BG060723.D

Acq: 1 Apr 2024 20:15

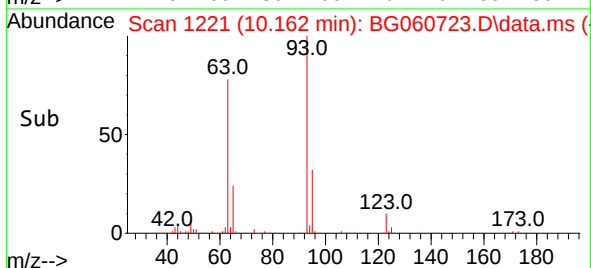
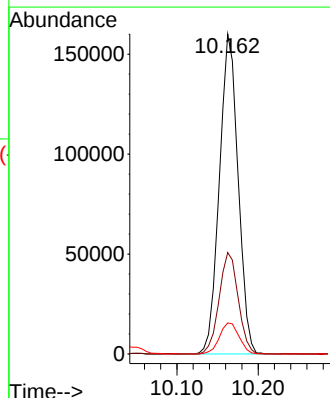
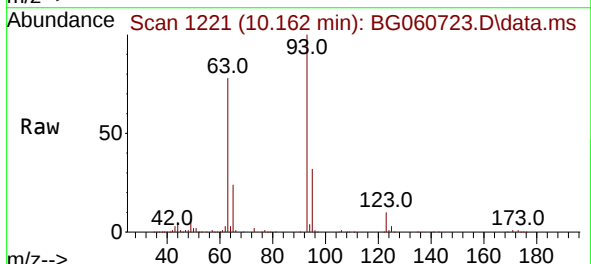
Tgt Ion: 93 Resp: 256441

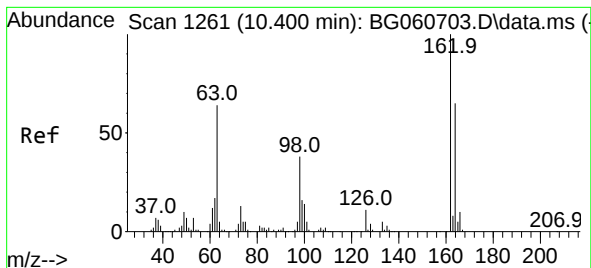
Ion Ratio Lower Upper

93 100

95 31.7 25.1 37.7

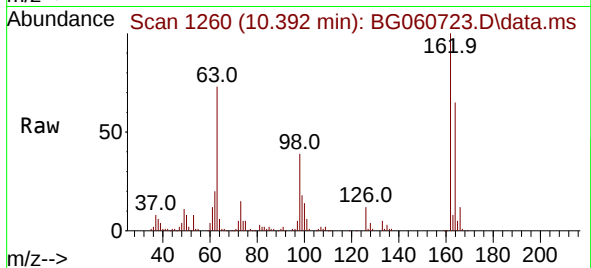
123 9.7 8.0 12.0





#29
2,4-Dichlorophenol
Concen: 42.792 ng
RT: 10.392 min Scan# 1260
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

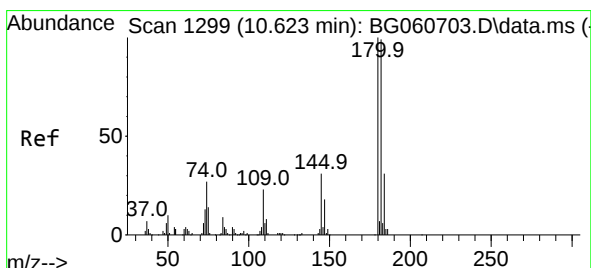
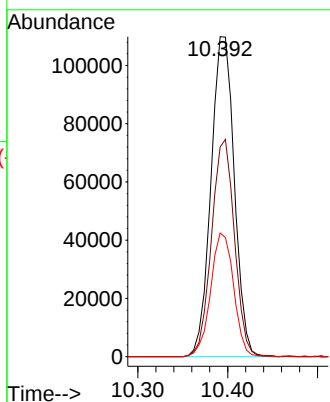
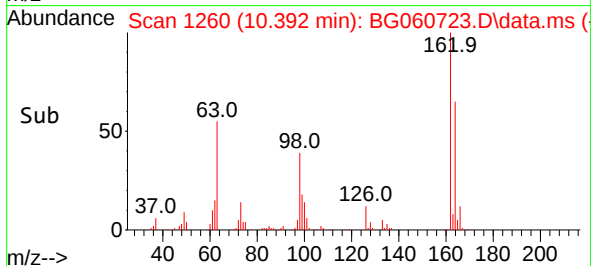
Instrument :
BNA_G
ClientSampleId :
72-11991MSD



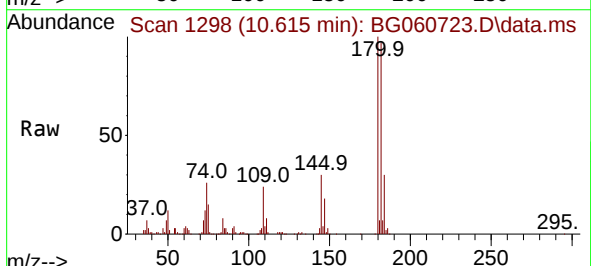
Tgt Ion:162 Resp: 19861
Ion Ratio Lower Upper
162 100
164 65.5 45.2 85.2
98 38.7 17.7 57.7

Manual Integrations
APPROVED

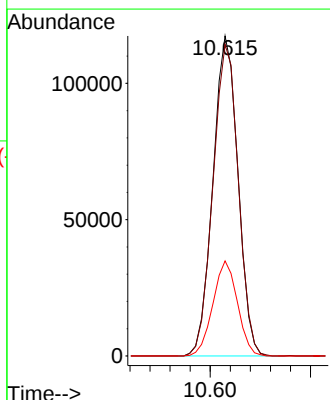
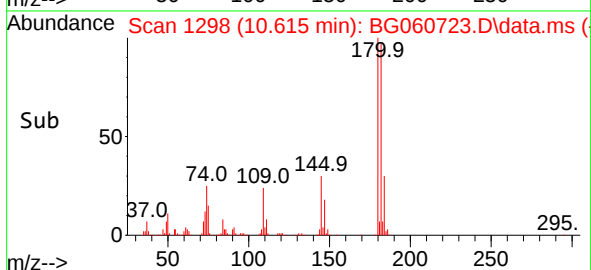
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

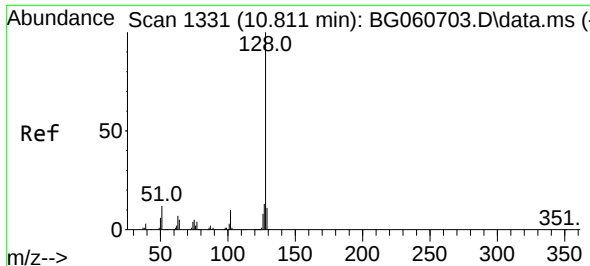


#30
1,2,4-Trichlorobenzene
Concen: 38.585 ng
RT: 10.615 min Scan# 1298
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15



Tgt Ion:180 Resp: 202793
Ion Ratio Lower Upper
180 100
182 97.4 79.0 118.4
145 29.7 24.9 37.3





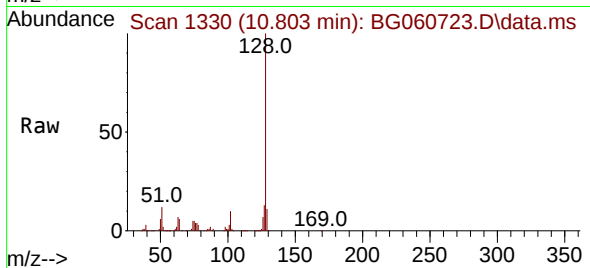
#31
Naphthalene
Concen: 36.646 ng
RT: 10.803 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

72-11991MSD



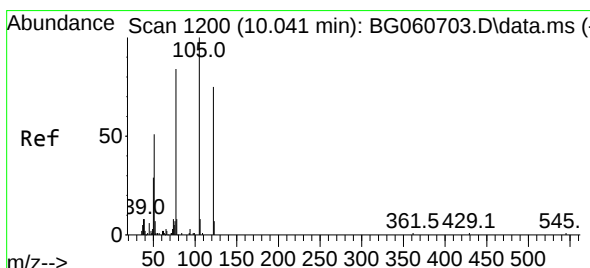
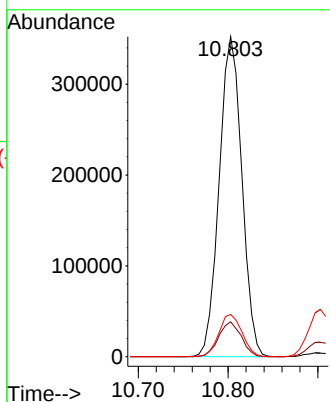
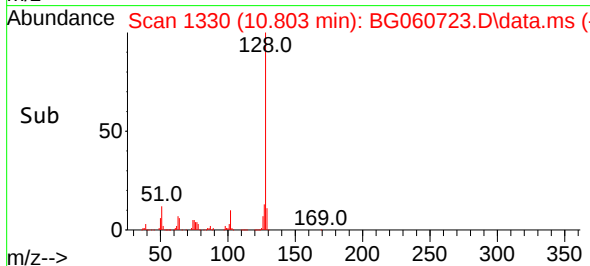
Tgt Ion:128 Resp: 617938
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.2 10.5 15.7

Manual Integrations

APPROVED

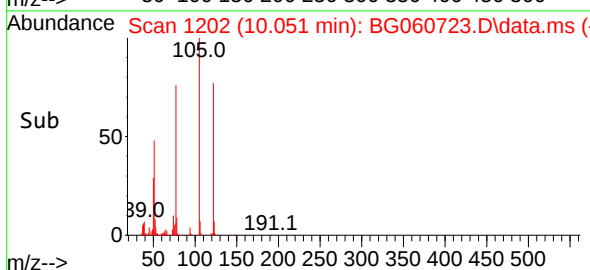
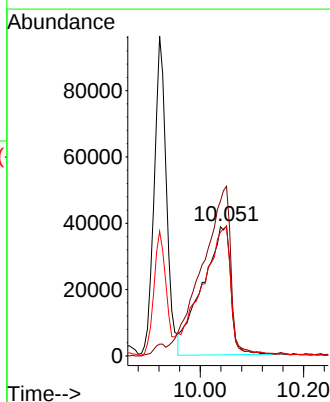
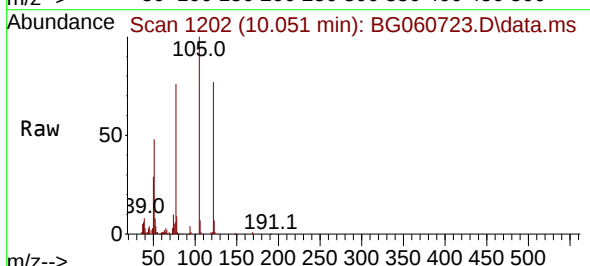
Reviewed By :Yogesh Patel 04/02/2024

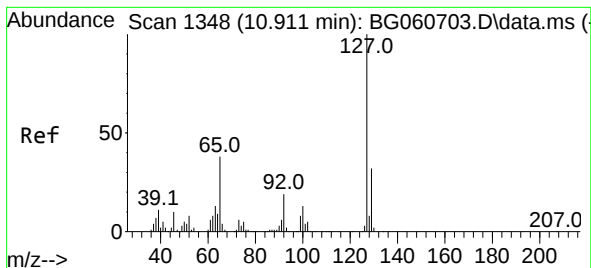
Supervised By :mohammad ahmed 04/02/2024



#32
Benzoic acid
Concen: 44.540 ng
RT: 10.051 min Scan# 1202
Delta R.T. 0.010 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Tgt Ion:122 Resp: 147852
Ion Ratio Lower Upper
122 100
105 130.6 104.5 144.5
77 99.7 85.3 125.3





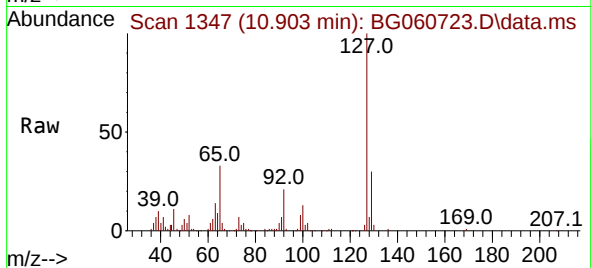
#33
4-Chloroaniline
Concen: 12.376 ng
RT: 10.903 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

72-11991MSD



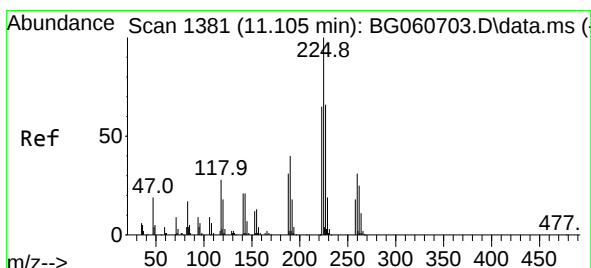
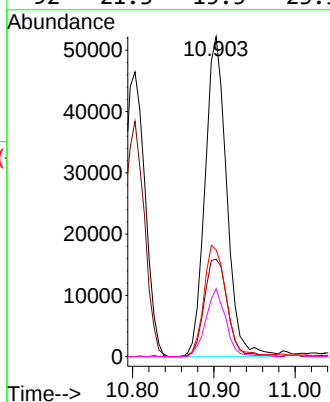
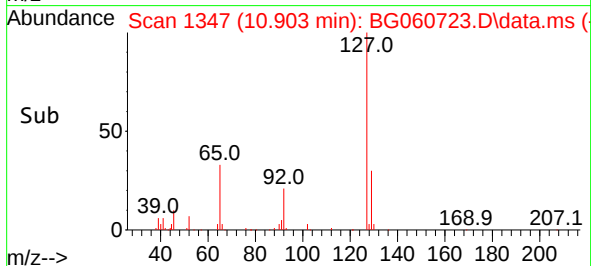
Tgt Ion:127 Resp: 9693
Ion Ratio Lower Upper
127 100
129 30.4 25.3 37.9
65 33.4 30.2 45.2
92 21.3 15.5 23.3

Manual Integrations

APPROVED

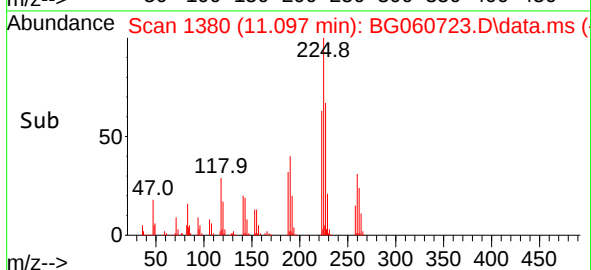
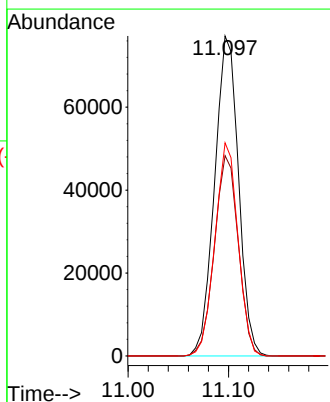
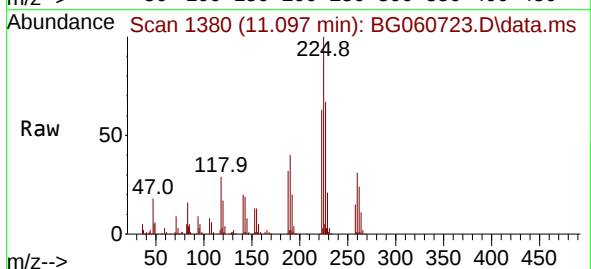
Reviewed By :Yogesh Patel 04/02/2024

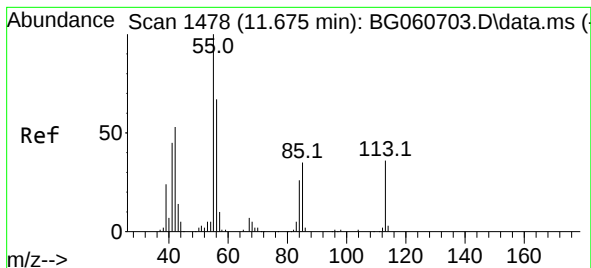
Supervised By :mohammad ahmed 04/02/2024



#34
Hexachlorobutadiene
Concen: 36.408 ng
RT: 11.097 min Scan# 1380
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

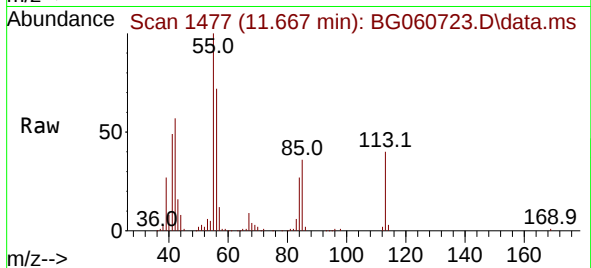
Tgt Ion:225 Resp: 127528
Ion Ratio Lower Upper
225 100
223 62.6 52.0 78.0
227 66.6 52.5 78.7





#35
Caprolactam
Concen: 39.227 ng m
RT: 11.667 min Scan# 1477
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

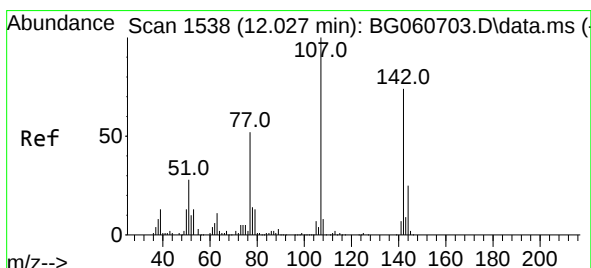
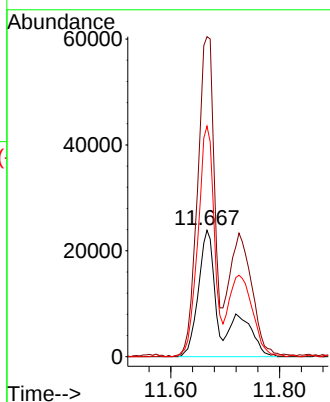
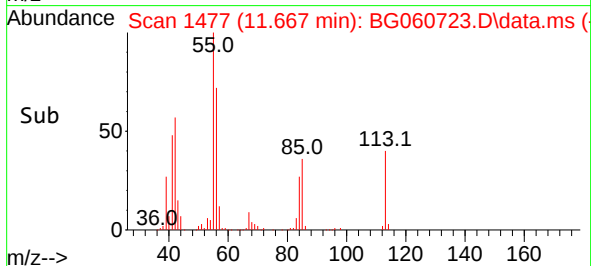
Instrument :
BNA_G
ClientSampleId :
72-11991MSD



Tgt Ion:113 Resp: 7211
Ion Ratio Lower Upper
113 100
55 253.1 258.0 298.0
56 182.4 166.3 206.3

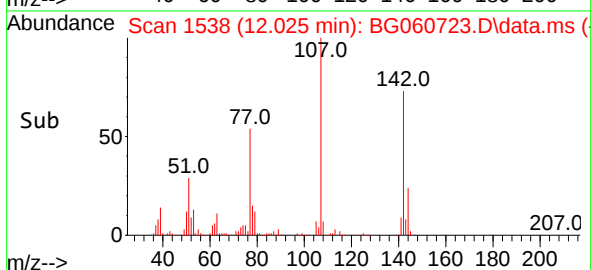
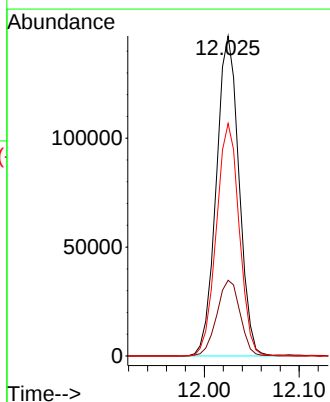
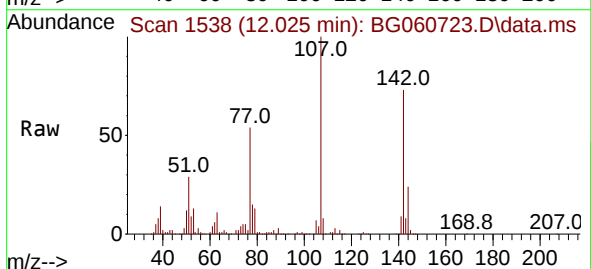
Manual Integrations
APPROVED

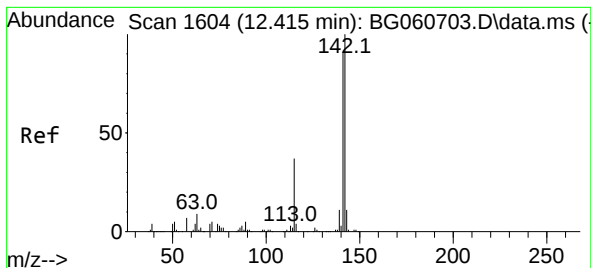
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#36
4-Chloro-3-methylphenol
Concen: 41.275 ng
RT: 12.025 min Scan# 1538
Delta R.T. -0.002 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

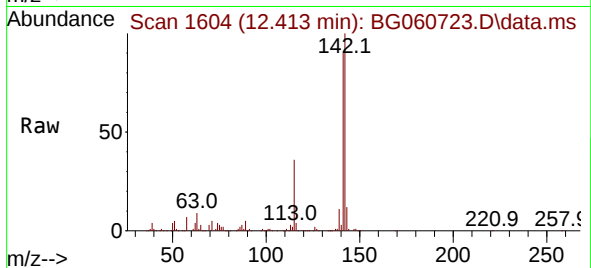
Tgt Ion:107 Resp: 244730
Ion Ratio Lower Upper
107 100
144 23.7 20.0 30.0
142 72.6 59.2 88.8





#37
2-Methylnaphthalene
Concen: 36.761 ng
RT: 12.413 min Scan# 1604
Delta R.T. -0.002 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

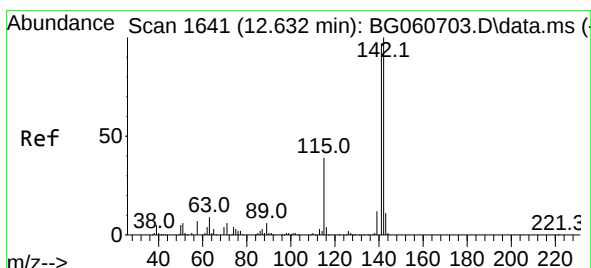
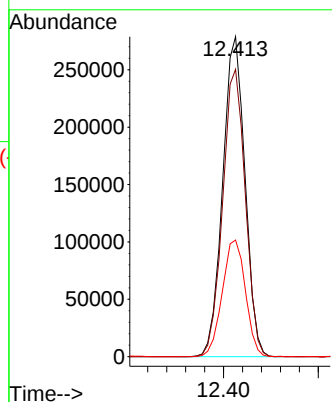
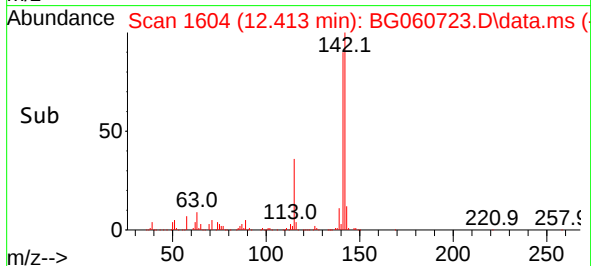
Instrument :
BNA_G
ClientSampleId :
72-11991MSD



Tgt Ion:142 Resp: 45573
Ion Ratio Lower Upper
142 100
141 89.8 72.7 109.1
115 36.5 29.9 44.9

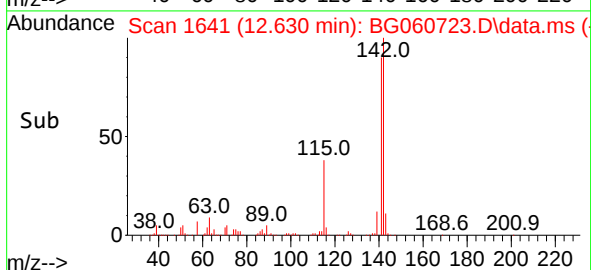
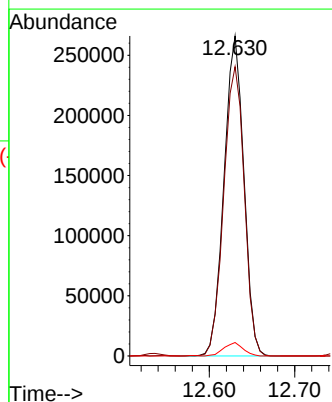
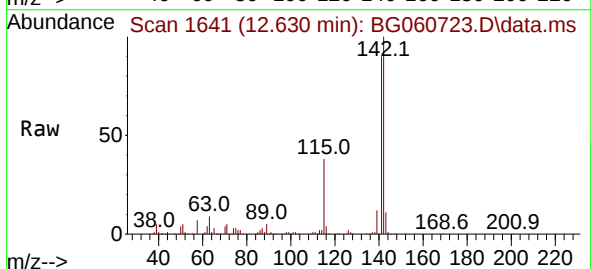
Manual Integrations
APPROVED

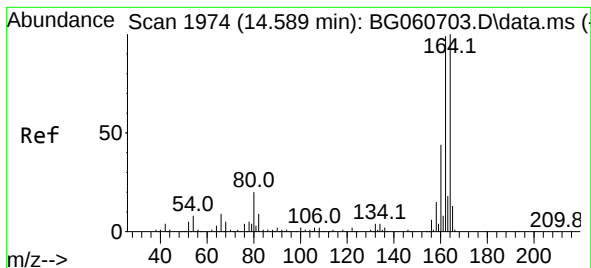
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#38
1-Methylnaphthalene
Concen: 36.723 ng
RT: 12.630 min Scan# 1641
Delta R.T. -0.002 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Tgt Ion:142 Resp: 430082
Ion Ratio Lower Upper
142 100
141 90.4 77.7 116.5
116 4.2 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.587 min Scan# 1974

Delta R.T. -0.002 min

Lab File: BG060723.D

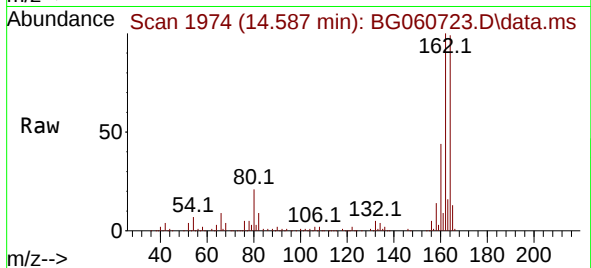
Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

72-11991MSD



Tgt Ion:164 Resp: 24766

Ion Ratio Lower Upper

164 100

162 101.2 79.5 119.3

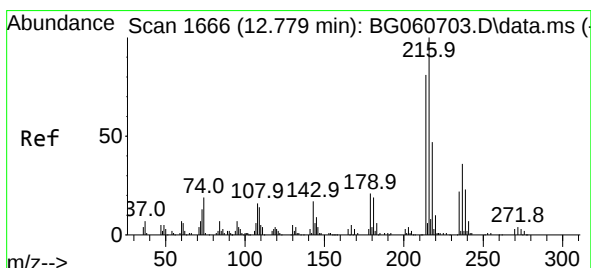
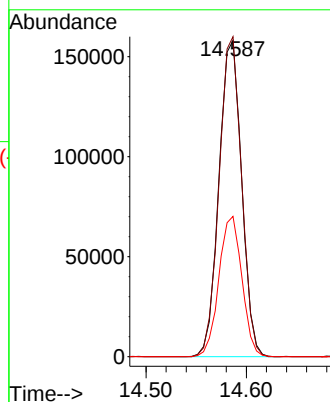
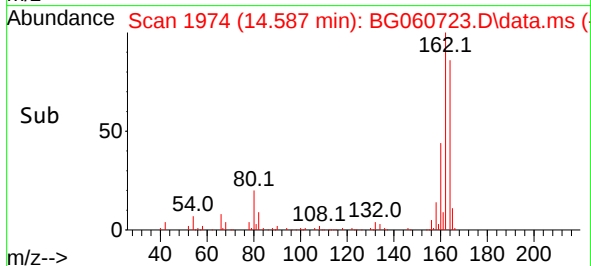
160 44.4 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.724 ng

RT: 12.777 min Scan# 1666

Delta R.T. -0.002 min

Lab File: BG060723.D

Acq: 1 Apr 2024 20:15

Tgt Ion:216 Resp: 268595

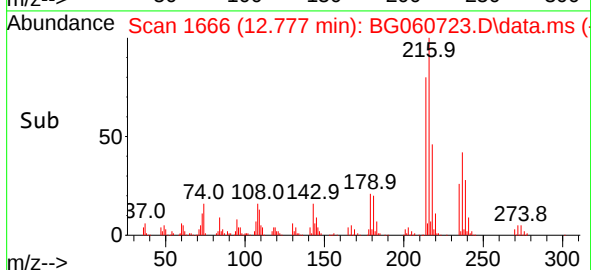
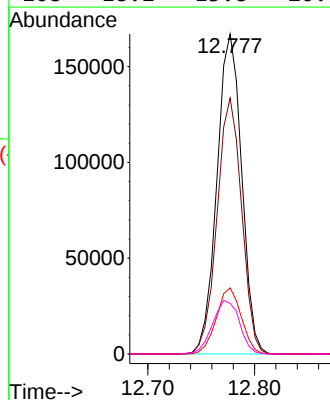
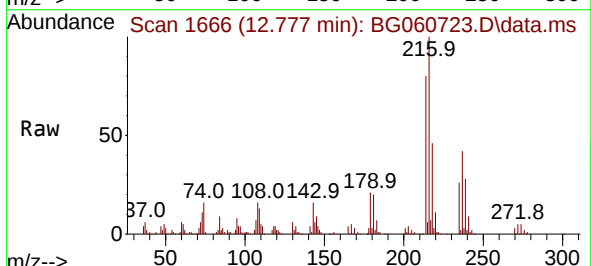
Ion Ratio Lower Upper

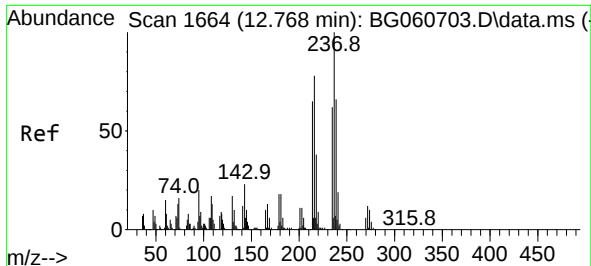
216 100

214 79.4 63.1 94.7

179 20.8 16.7 25.1

108 18.2 13.8 20.6





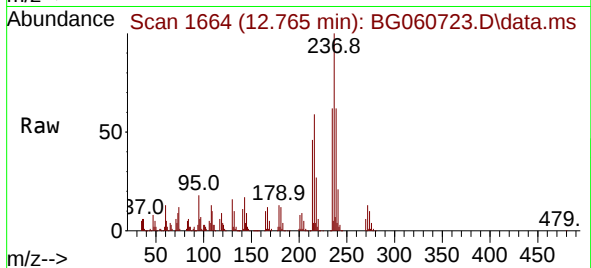
#41
Hexachlorocyclopentadiene
Concen: 67.708 ng
RT: 12.765 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

72-11991MSD



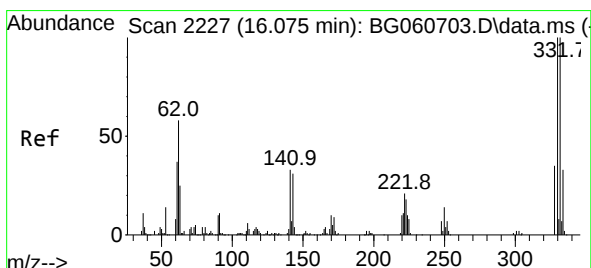
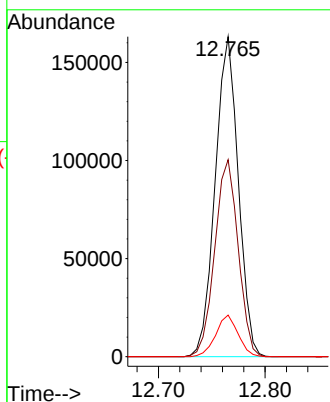
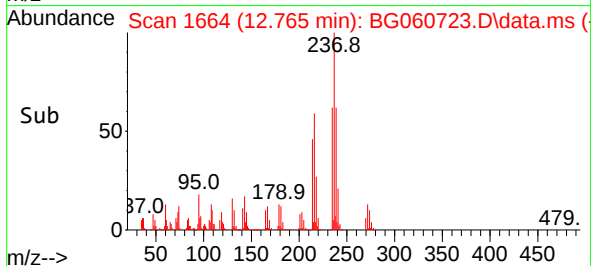
Tgt Ion:237 Resp: 245128
Ion Ratio Lower Upper
237 100
235 61.6 42.0 82.0
272 13.0 0.0 32.4

Manual Integrations

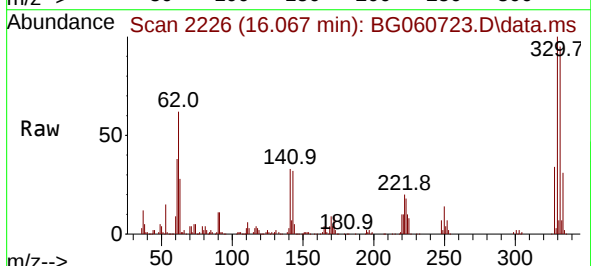
APPROVED

Reviewed By :Yogesh Patel 04/02/2024

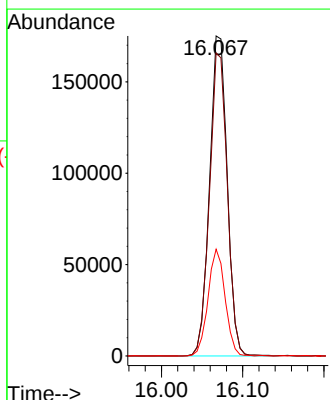
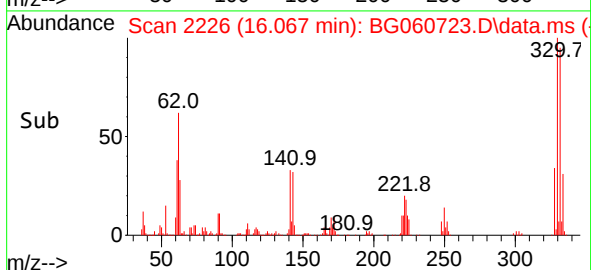
Supervised By :mohammad ahmed 04/02/2024

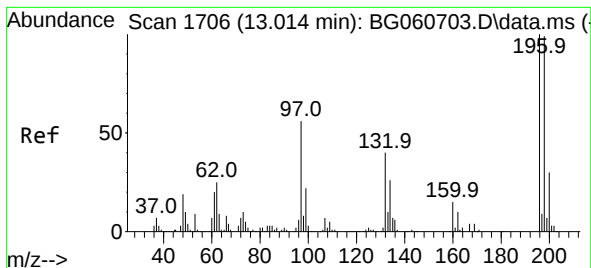


#42
2,4,6-Tribromophenol
Concen: 93.859 ng
RT: 16.067 min Scan# 2226
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15



Tgt Ion:330 Resp: 263870
Ion Ratio Lower Upper
330 100
332 95.6 78.2 117.4
141 32.3 27.0 40.6





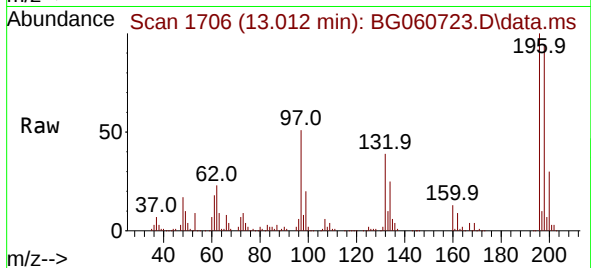
#43
2,4,6-Trichlorophenol
Concen: 41.985 ng
RT: 13.012 min Scan# 1706
Delta R.T. -0.002 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

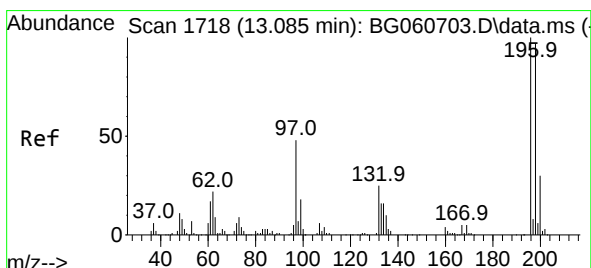
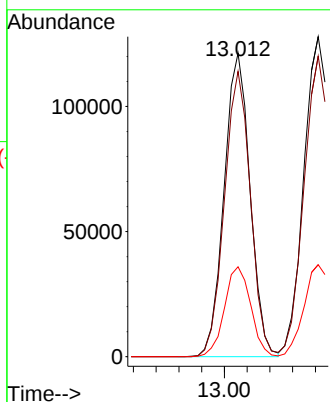
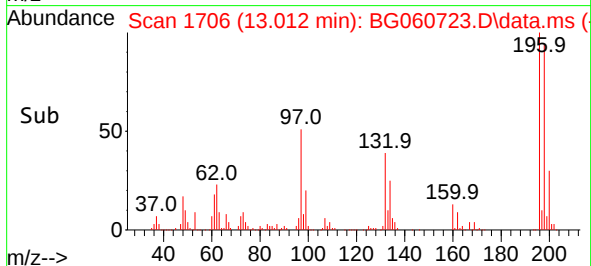


Tgt Ion:196 Resp: 192485
Ion Ratio Lower Upper
196 100
198 94.0 79.1 118.7
200 29.6 24.0 36.0

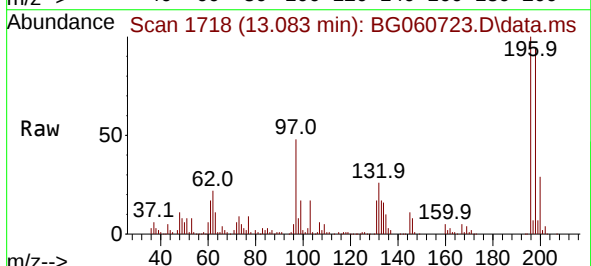
Manual Integrations

APPROVED

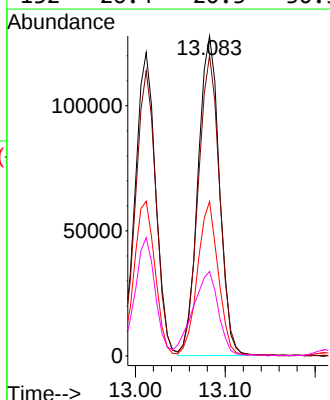
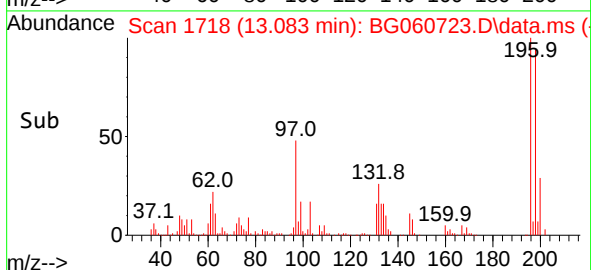
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

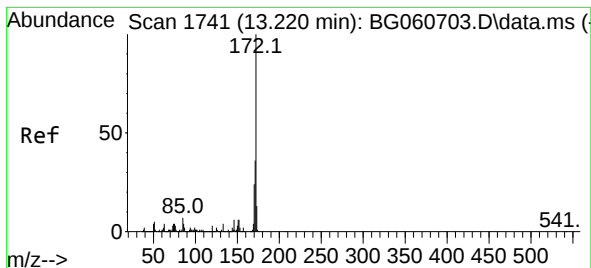


#44
2,4,5-Trichlorophenol
Concen: 38.555 ng
RT: 13.083 min Scan# 1718
Delta R.T. -0.002 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15



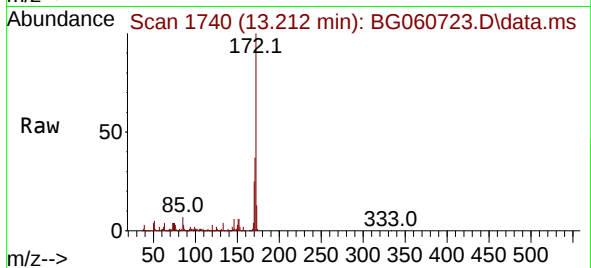
Tgt Ion:196 Resp: 210942
Ion Ratio Lower Upper
196 100
198 93.9 77.8 116.8
97 48.3 38.2 57.4
132 26.4 20.3 30.5





#45
2-Fluorobiphenyl
Concen: 51.092 ng
RT: 13.212 min Scan# 1740
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

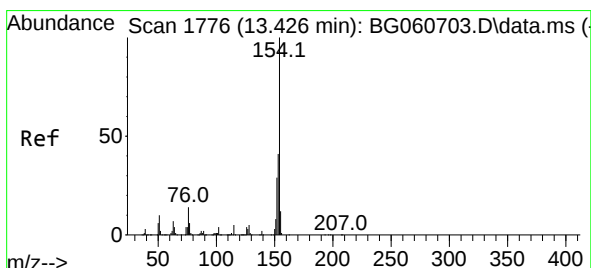
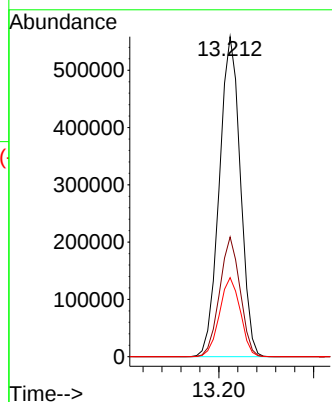
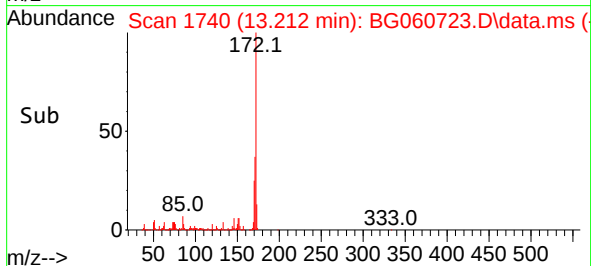
Instrument :
BNA_G
ClientSampleId :
72-11991MSD



Tgt Ion:172 Resp: 86217
Ion Ratio Lower Upper
172 100
171 37.4 28.7 43.1
170 24.7 19.4 29.0

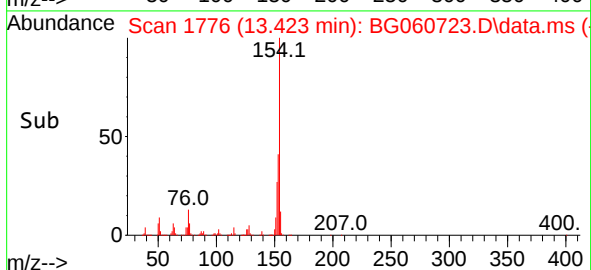
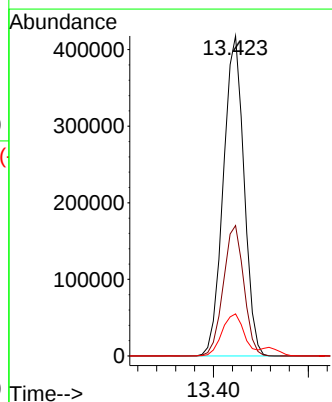
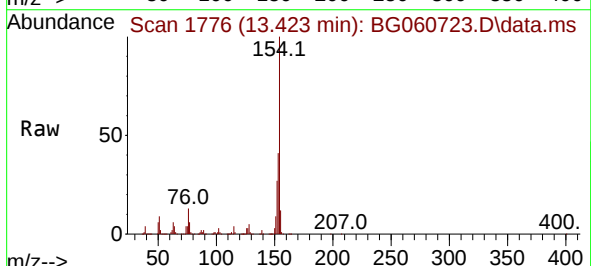
Manual Integrations
APPROVED

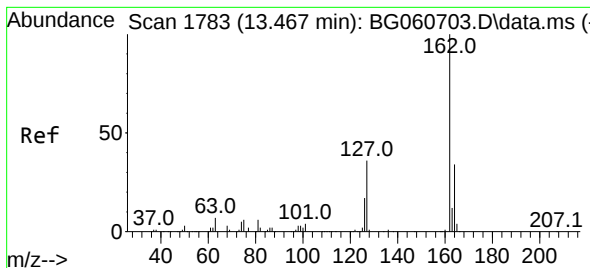
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#46
1,1'-Biphenyl
Concen: 36.124 ng
RT: 13.423 min Scan# 1776
Delta R.T. -0.002 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Tgt Ion:154 Resp: 631927
Ion Ratio Lower Upper
154 100
153 40.7 20.8 60.8
76 13.1 0.0 33.9





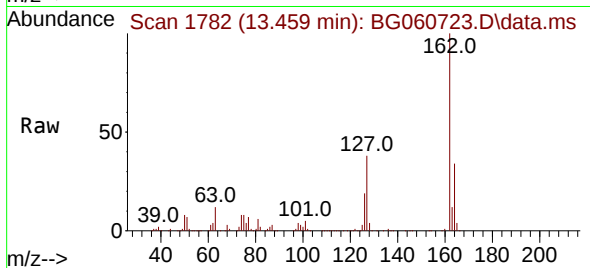
#47
2-Chloronaphthalene
Concen: 37.723 ng
RT: 13.459 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

72-11991MSD



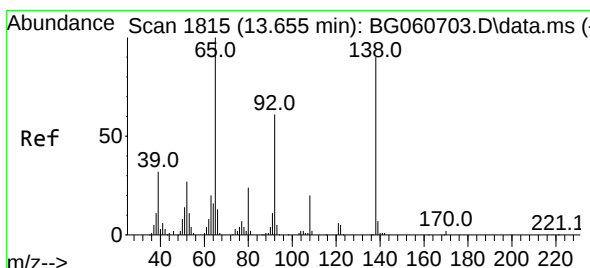
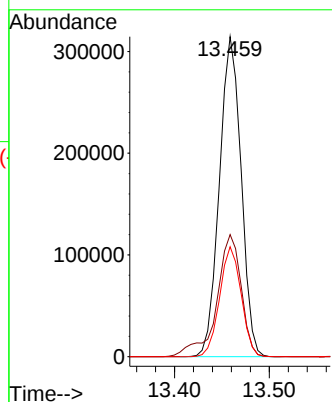
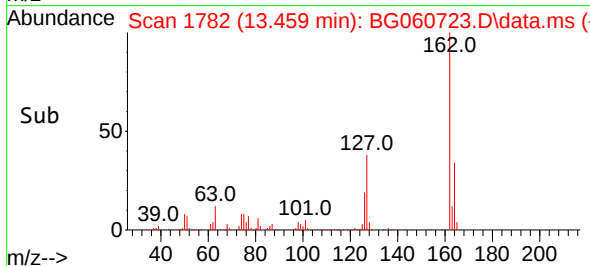
Tgt Ion:162 Resp: 501364
Ion Ratio Lower Upper
162 100
127 38.2 30.6 46.0
164 34.4 26.9 40.3

Manual Integrations

APPROVED

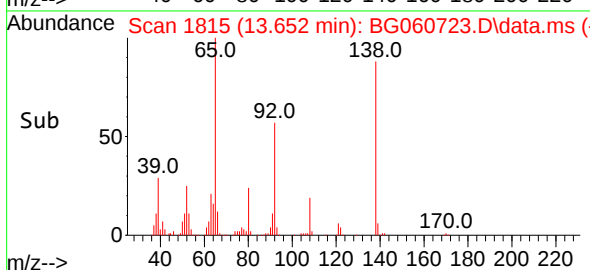
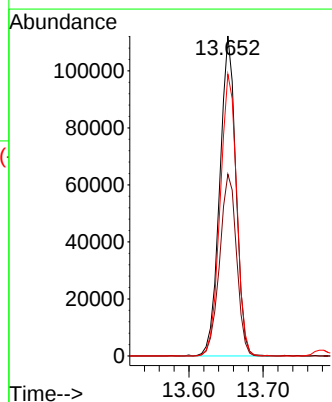
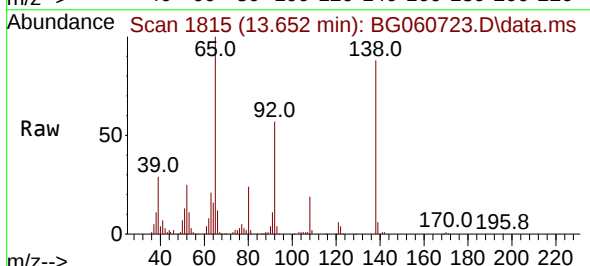
Reviewed By :Yogesh Patel 04/02/2024

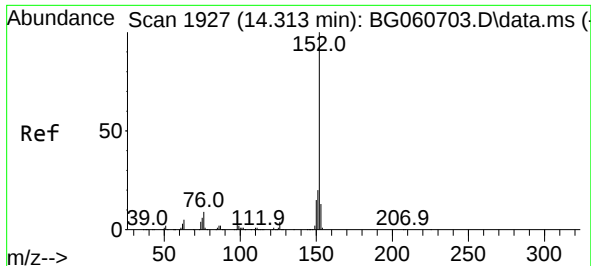
Supervised By :mohammad ahmed 04/02/2024



#48
2-Nitroaniline
Concen: 40.661 ng
RT: 13.652 min Scan# 1815
Delta R.T. -0.003 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

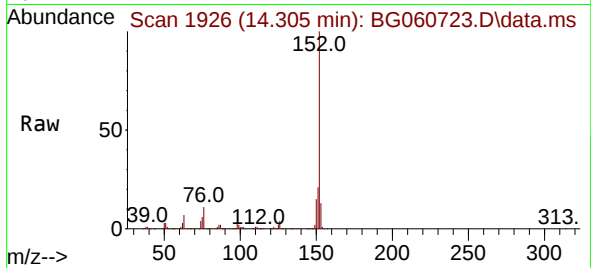
Tgt Ion: 65 Resp: 170171
Ion Ratio Lower Upper
65 100
92 56.8 48.6 72.8
138 88.1 72.2 108.4





#49
Acenaphthylene
Concen: 38.802 ng
RT: 14.305 min Scan# 1927
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

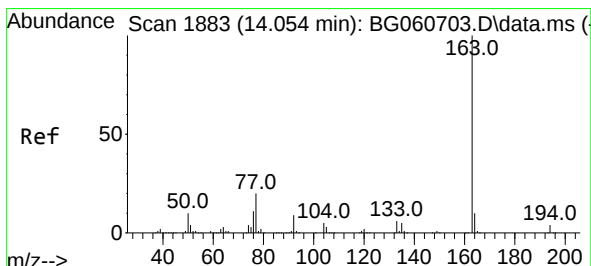
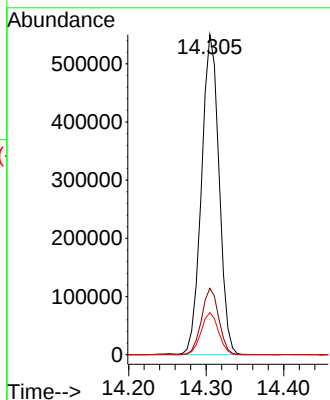
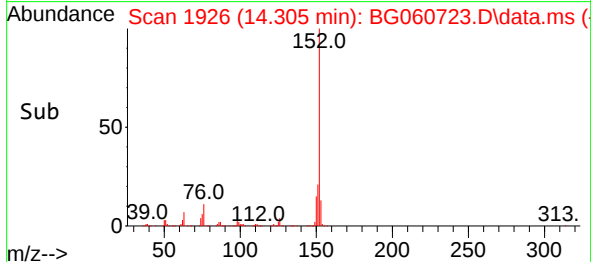
Instrument :
BNA_G
ClientSampleId :
72-11991MSD



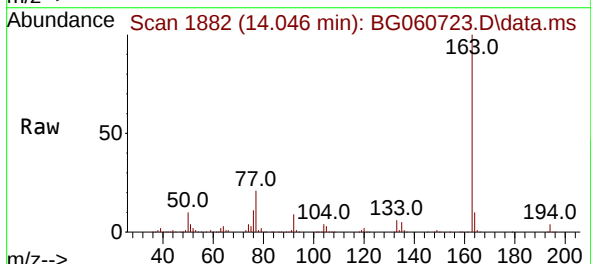
Tgt Ion:152 Resp: 86653
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 13.1 10.5 15.7

Manual Integrations
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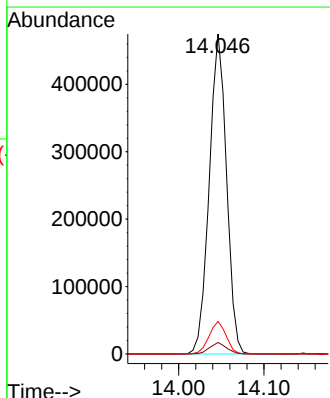
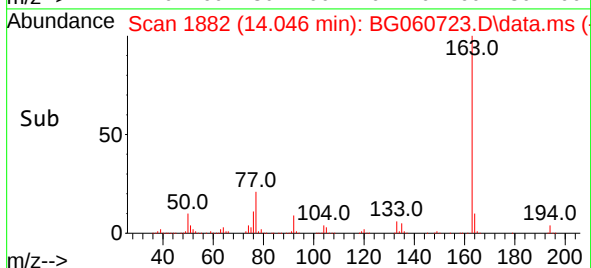
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

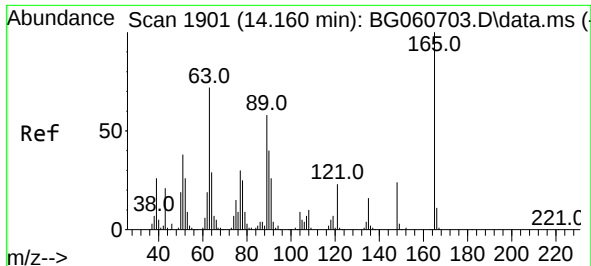


#50
Dimethylphthalate
Concen: 34.058 ng
RT: 14.046 min Scan# 1882
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15



Tgt Ion:163 Resp: 666698
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.2 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 38.148 ng
RT: 14.152 min Scan# 1900
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

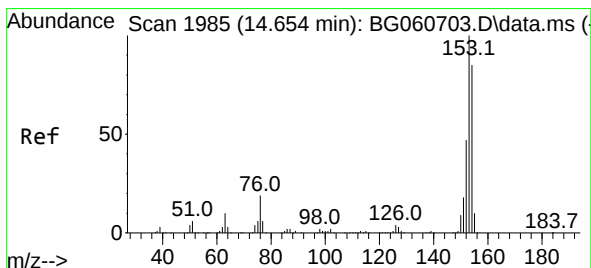
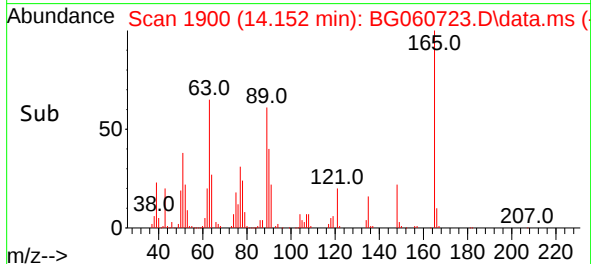
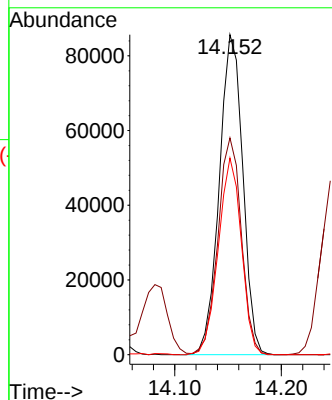
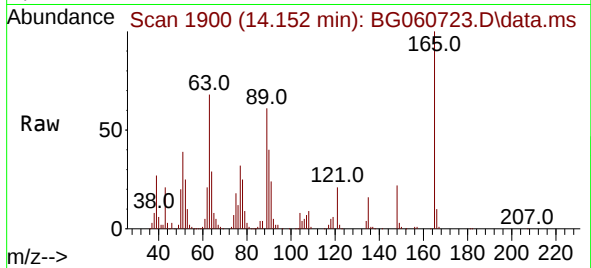
72-11991MSD

Tgt Ion:165 Resp: 130994
Ion Ratio Lower Upper
165 100
63 67.8 58.2 87.4
89 61.5 46.1 69.1

Manual Integrations

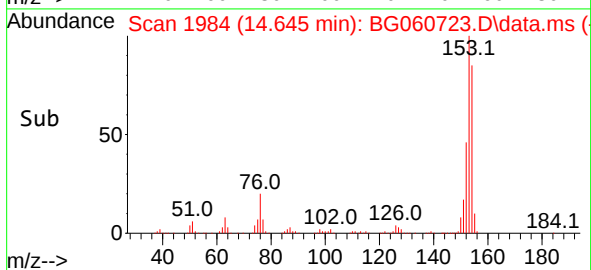
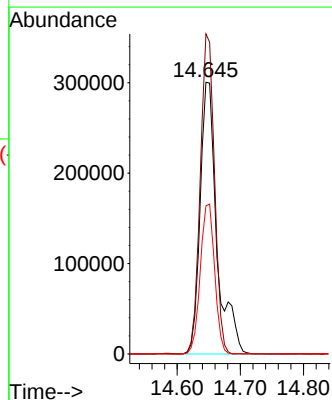
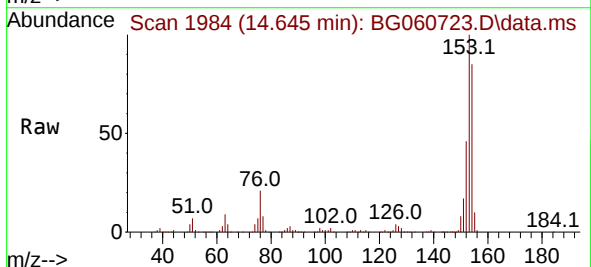
APPROVED

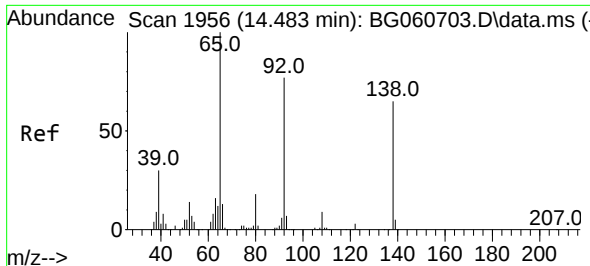
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#52
Acenaphthene
Concen: 39.597 ng
RT: 14.645 min Scan# 1984
Delta R.T. -0.009 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Tgt Ion:154 Resp: 555197
Ion Ratio Lower Upper
154 100
153 117.8 93.9 140.9
152 54.5 44.1 66.1





#53
3-Nitroaniline
Concen: 25.975 ng
RT: 14.475 min Scan# 1955
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

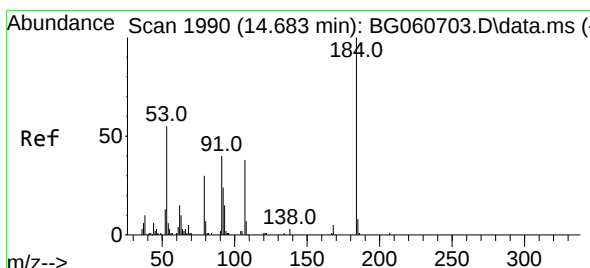
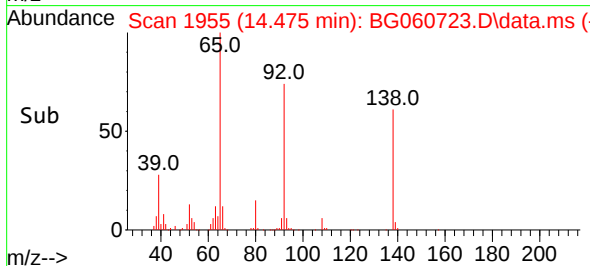
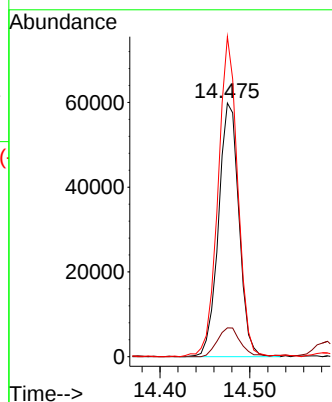
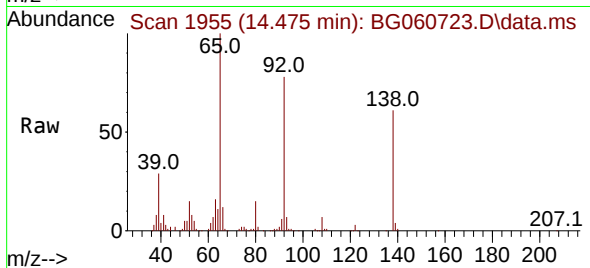
72-11991MSD

Tgt Ion:138 Resp: 9452
Ion Ratio Lower Upper
138 100
108 11.3 11.3 16.9
92 126.2 94.1 141.1

Manual Integrations

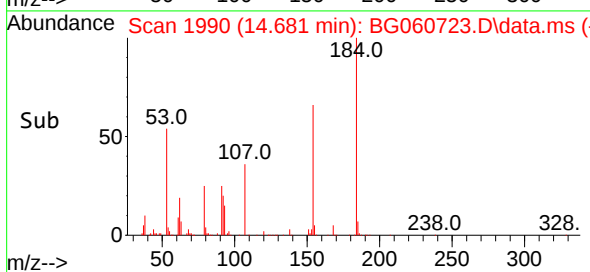
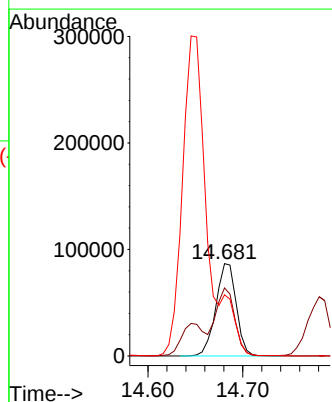
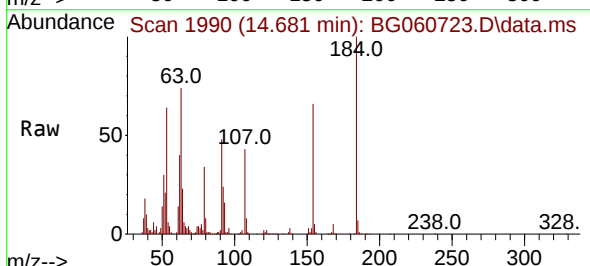
APPROVED

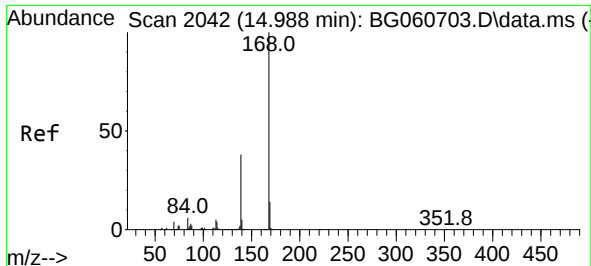
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#54
2,4-Dinitrophenol
Concen: 95.126 ng
RT: 14.681 min Scan# 1990
Delta R.T. -0.002 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Tgt Ion:184 Resp: 129615
Ion Ratio Lower Upper
184 100
63 73.5 51.3 76.9
154 66.2 59.9 89.9





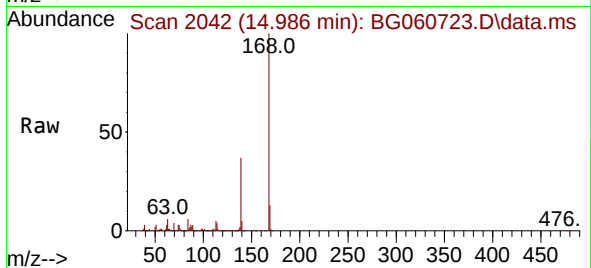
#55
Dibenzenofuran
Concen: 36.304 ng
RT: 14.986 min Scan# 2042
Delta R.T. -0.002 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

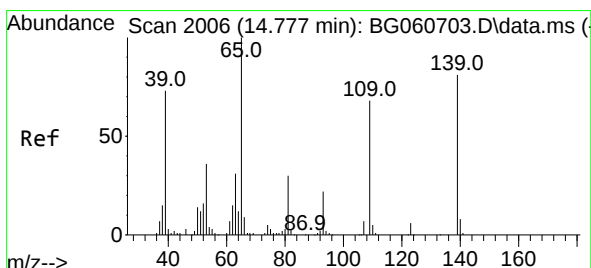
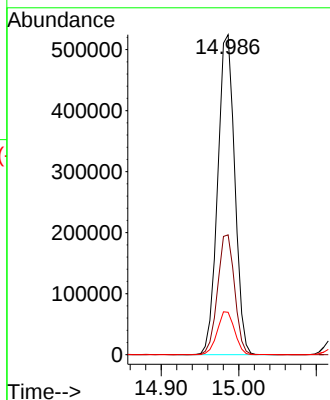
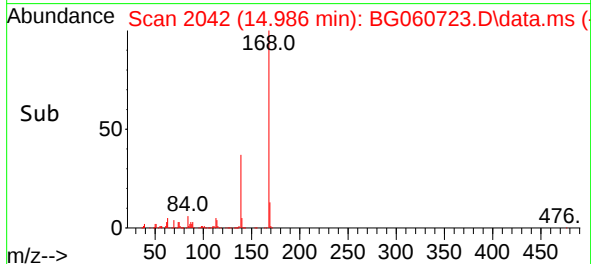


Tgt Ion:168 Resp: 802911
Ion Ratio Lower Upper
168 100
139 37.5 30.1 45.1
169 13.2 11.0 16.4

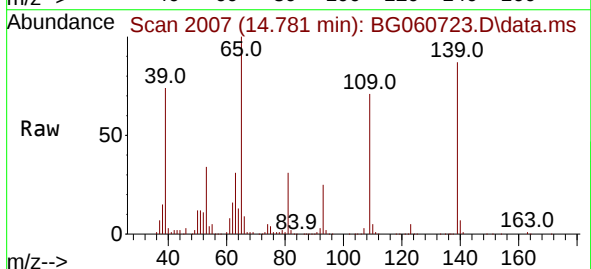
Manual Integrations

APPROVED

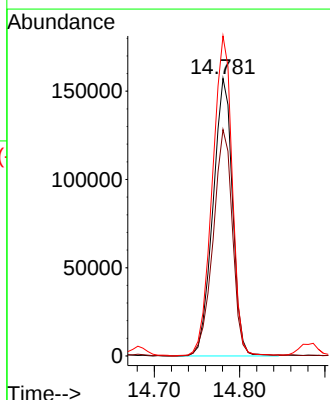
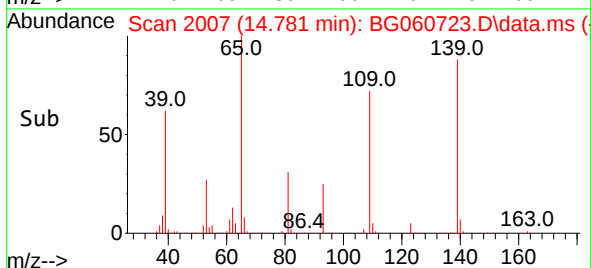
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

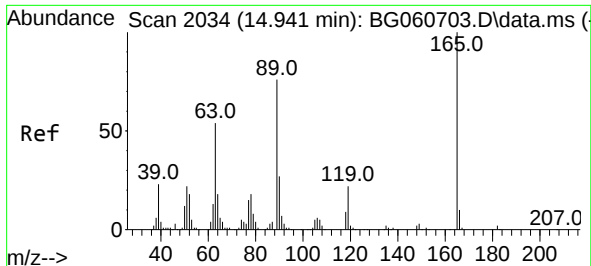


#56
4-Nitrophenol
Concen: 87.705 ng
RT: 14.781 min Scan# 2007
Delta R.T. 0.004 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15



Tgt Ion:139 Resp: 250986
Ion Ratio Lower Upper
139 100
109 81.6 64.0 104.0
65 115.3 104.3 144.3





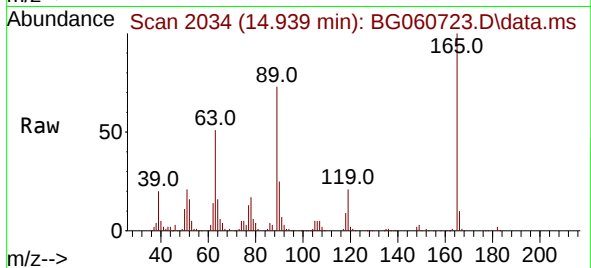
#57
2,4-Dinitrotoluene
Concen: 41.625 ng
RT: 14.939 min Scan# 2034
Delta R.T. -0.002 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

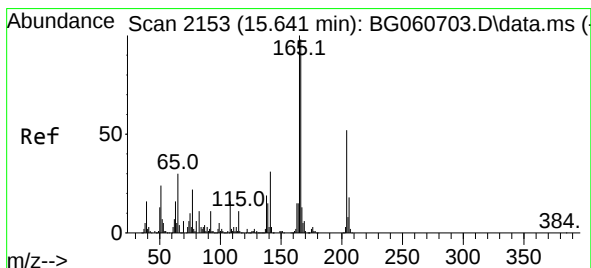
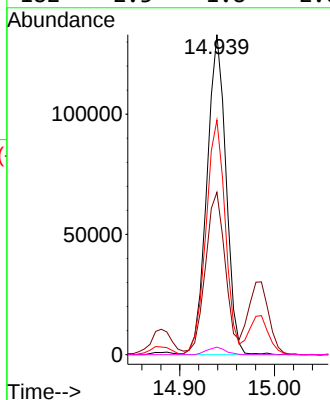
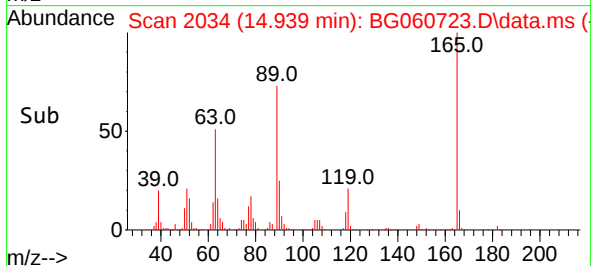


Tgt Ion:165 Resp: 186310
Ion Ratio Lower Upper
165 100
63 50.8 43.4 65.0
89 73.4 61.0 91.6
182 2.3 1.8 2.6

Manual Integrations

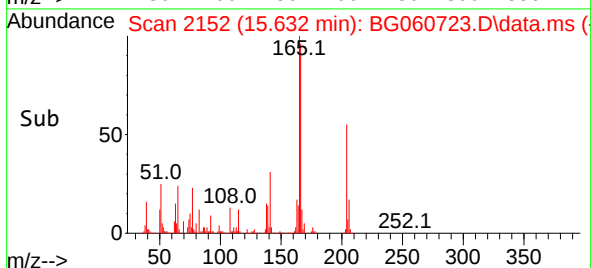
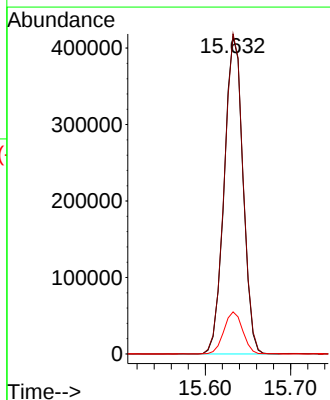
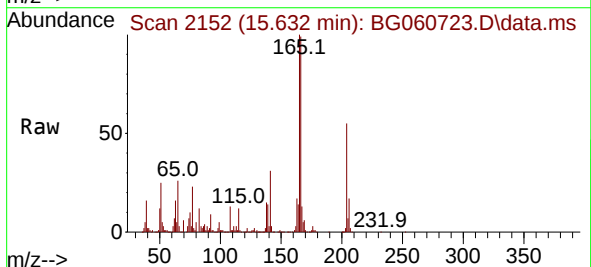
APPROVED

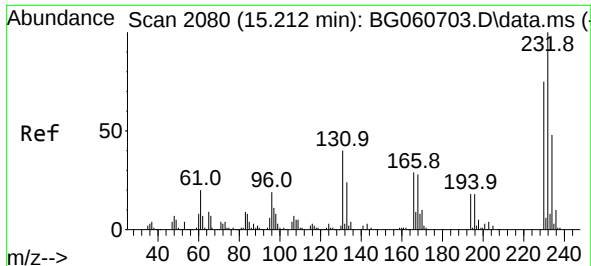
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#58
Fluorene
Concen: 35.719 ng
RT: 15.632 min Scan# 2152
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Tgt Ion:166 Resp: 634023
Ion Ratio Lower Upper
166 100
165 100.7 81.8 122.8
167 13.2 10.9 16.3





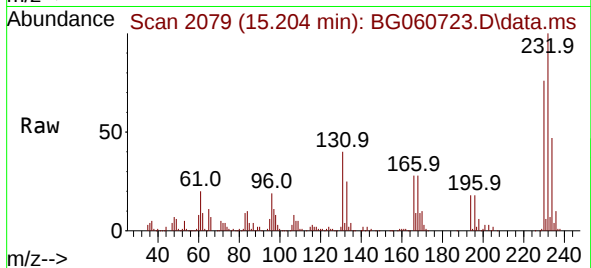
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.286 ng
RT: 15.204 min Scan# 2080
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

72-11991MSD



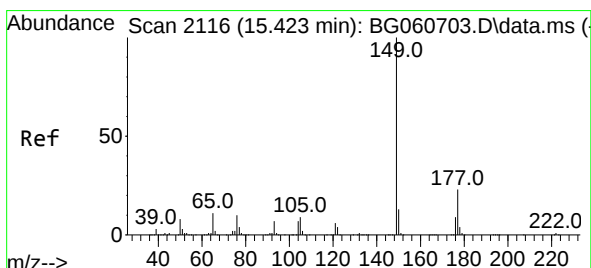
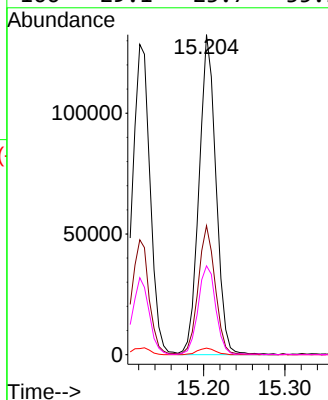
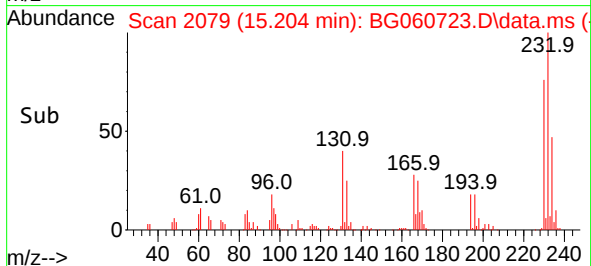
Tgt Ion:232 Resp: 192088
Ion Ratio Lower Upper
232 100
131 40.3 32.2 48.2
130 2.2 2.1 3.1
166 29.1 23.7 35.5

Manual Integrations

APPROVED

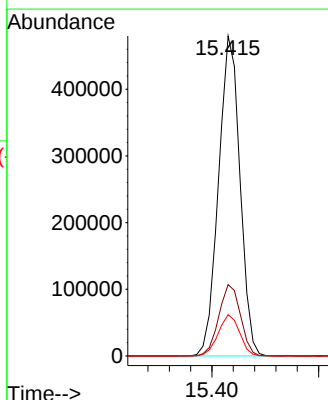
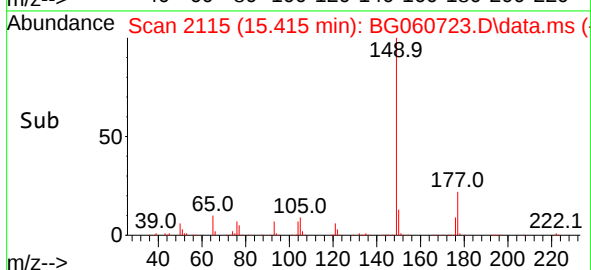
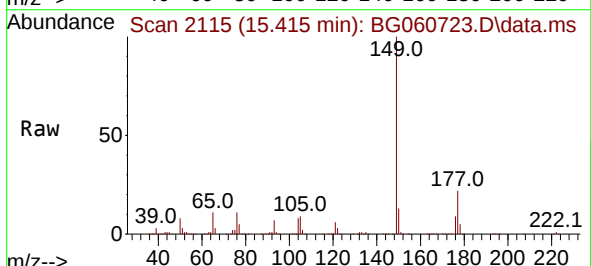
Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#60
Diethylphthalate
Concen: 33.941 ng
RT: 15.415 min Scan# 2115
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

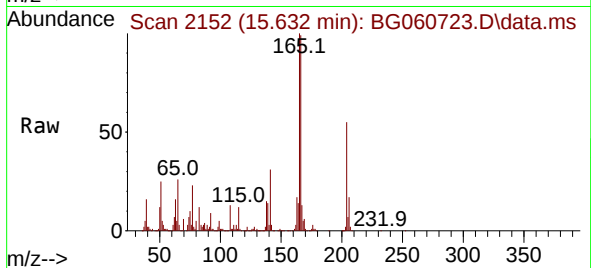
Tgt Ion:149 Resp: 668434
Ion Ratio Lower Upper
149 100
177 22.3 18.0 27.0
150 12.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 35.044 ng
RT: 15.632 min Scan# 2153
Delta R.T. -0.009 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

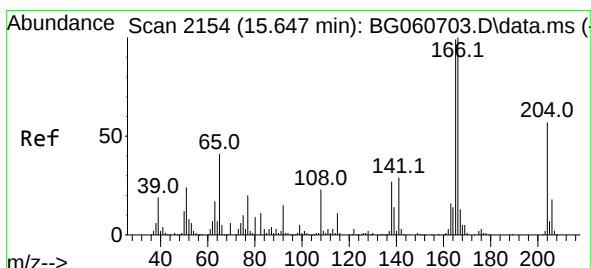
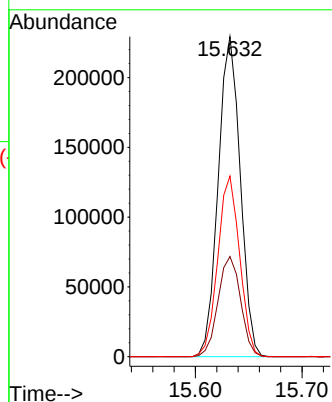
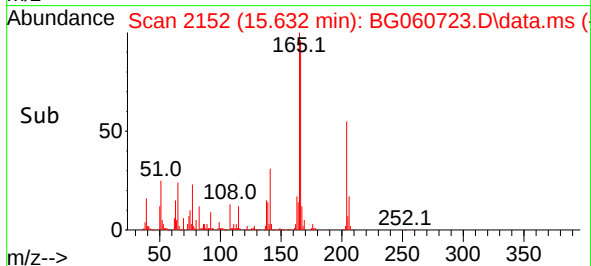
Instrument :
BNA_G
ClientSampleId :
72-11991MSD



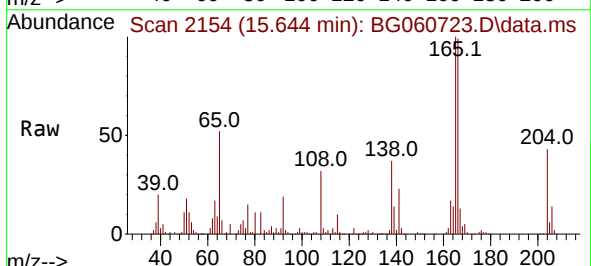
Tgt Ion:204 Resp: 329084
Ion Ratio Lower Upper
204 100
206 31.3 28.3 42.5
141 56.5 47.2 70.8

Manual Integrations
APPROVED

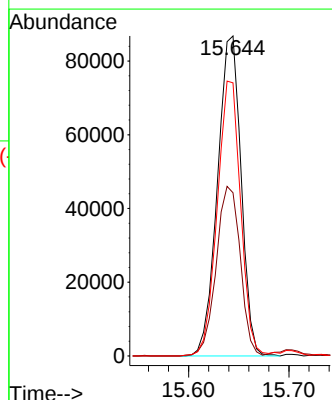
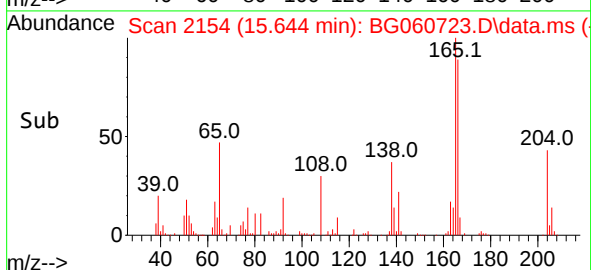
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

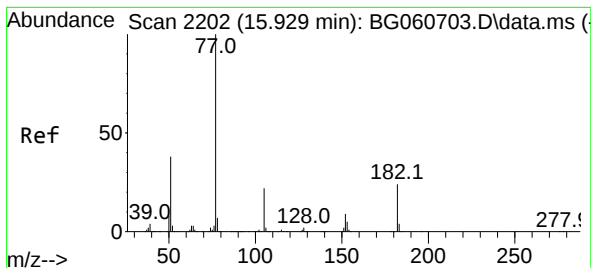


#62
4-Nitroaniline
Concen: 39.545 ng
RT: 15.644 min Scan# 2154
Delta R.T. -0.002 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15



Tgt Ion:138 Resp: 141531
Ion Ratio Lower Upper
138 100
92 51.0 36.8 76.8
108 85.3 66.9 106.9





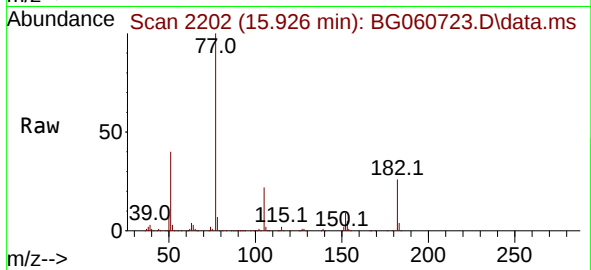
#63
Azobenzene
Concen: 35.306 ng
RT: 15.926 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

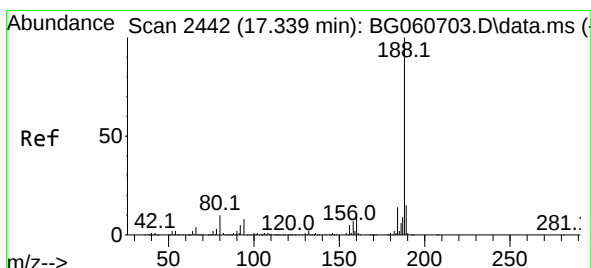
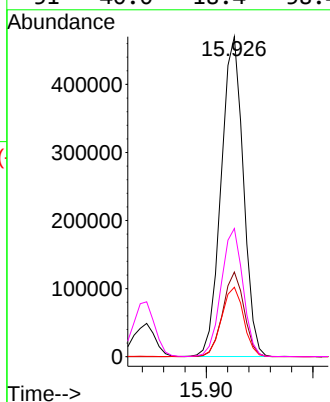
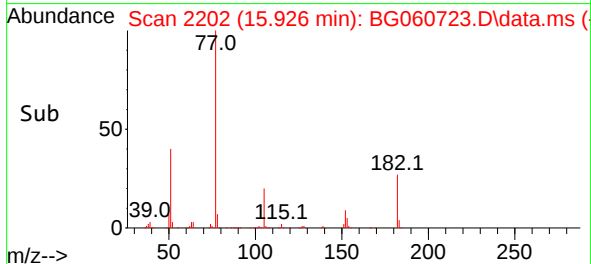


Tgt Ion: 77 Resp: 677554
Ion Ratio Lower Upper
77 100
182 26.5 3.9 43.9
105 21.7 1.7 41.7
51 40.0 18.4 58.4

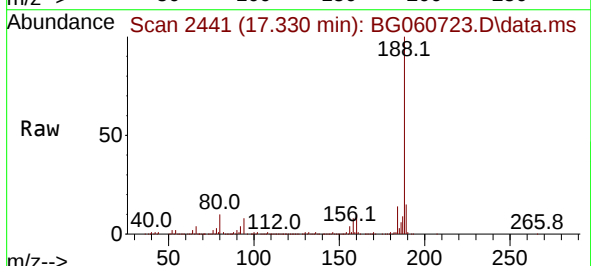
Manual Integrations

APPROVED

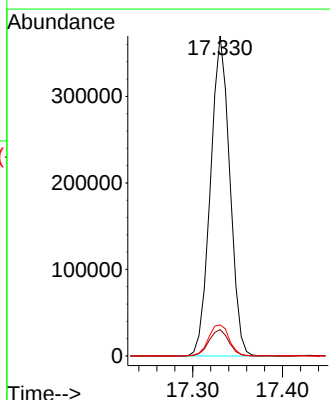
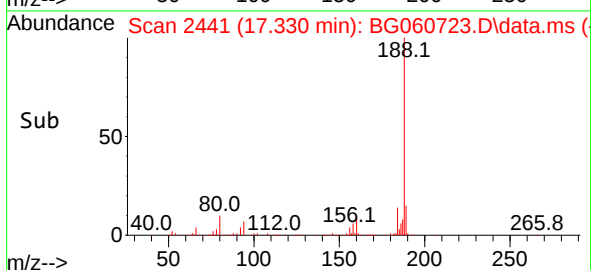
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

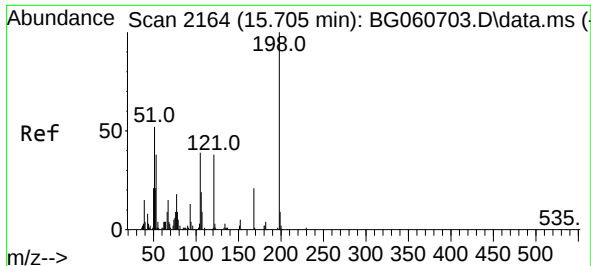


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 2441
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15



Tgt Ion:188 Resp: 552807
Ion Ratio Lower Upper
188 100
94 8.2 6.6 9.8
80 9.7 7.6 11.4





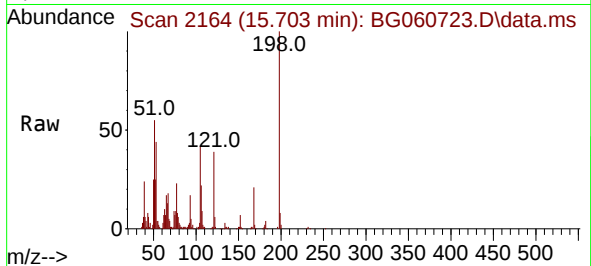
#65
4,6-Dinitro-2-methylphenol
Concen: 41.140 ng
RT: 15.703 min Scan# 2164
Delta R.T. -0.002 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

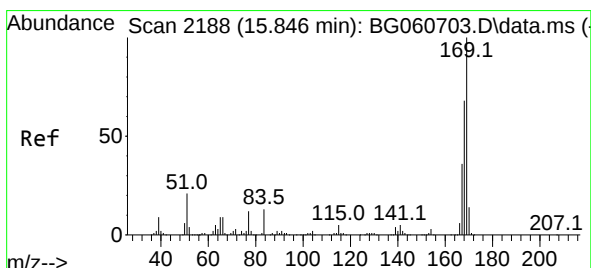
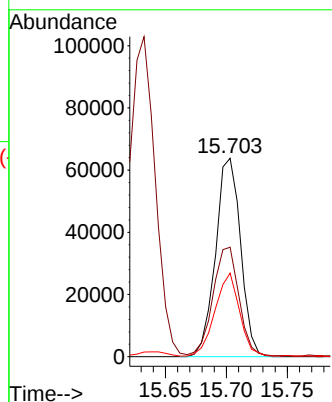
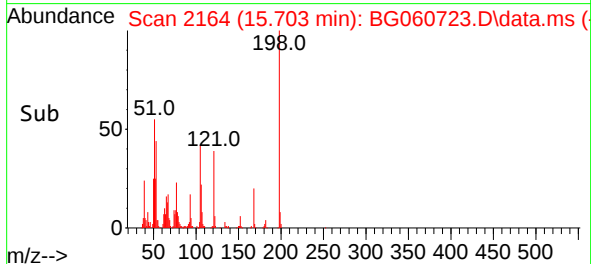


Tgt Ion:198 Resp: 91168
Ion Ratio Lower Upper
198 100
51 55.2 36.7 76.7
105 42.1 19.1 59.1

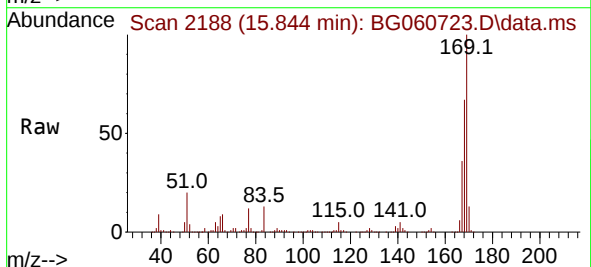
Manual Integrations

APPROVED

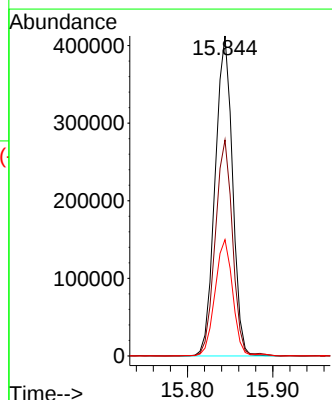
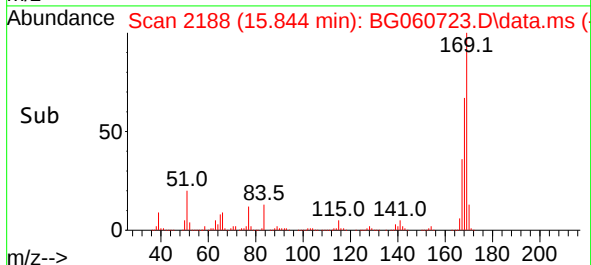
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

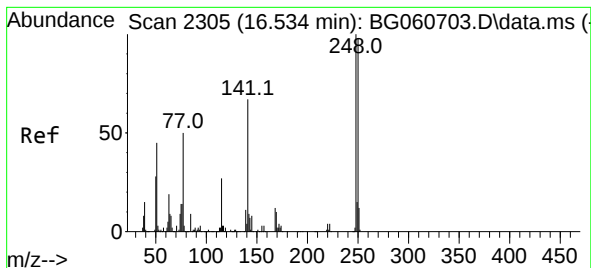


#66
n-Nitrosodiphenylamine
Concen: 36.851 ng
RT: 15.844 min Scan# 2188
Delta R.T. -0.002 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15



Tgt Ion:169 Resp: 582139
Ion Ratio Lower Upper
169 100
168 67.5 54.5 81.7
167 36.3 29.2 43.8





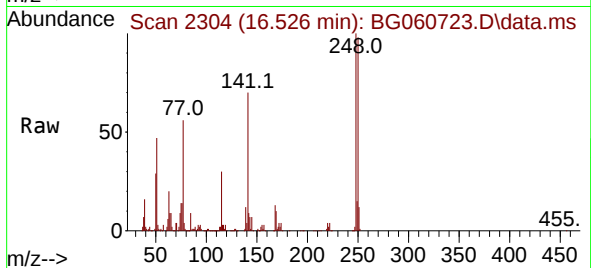
#67
4-Bromophenyl-phenylether
Concen: 39.363 ng
RT: 16.526 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

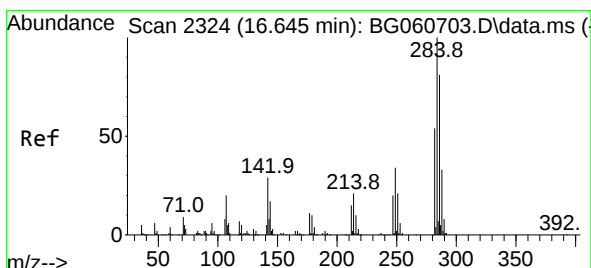
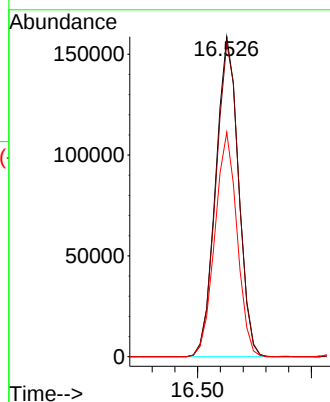
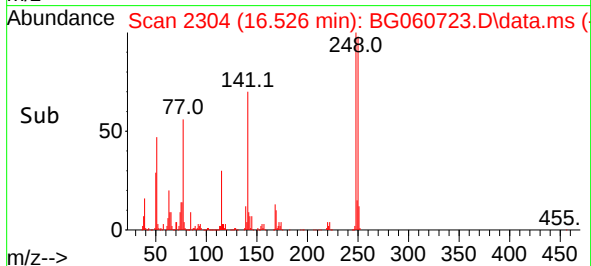
72-11991MSD



Tgt Ion:248 Resp: 22083
Ion Ratio Lower Upper
248 100
250 98.1 78.3 117.5
141 70.1 53.7 80.5

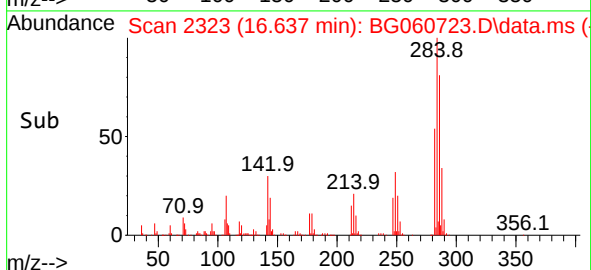
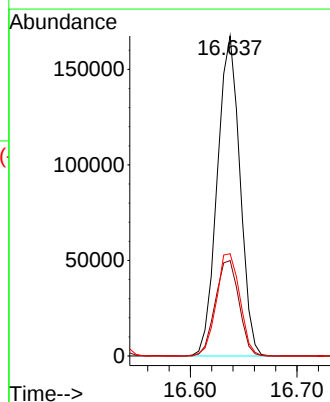
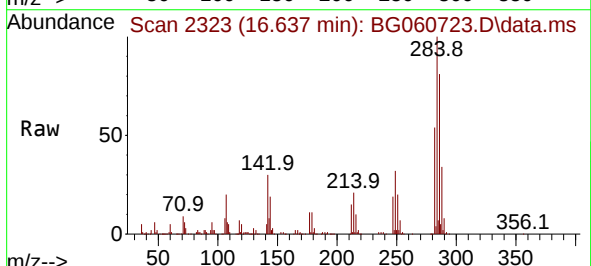
Manual Integrations
APPROVED

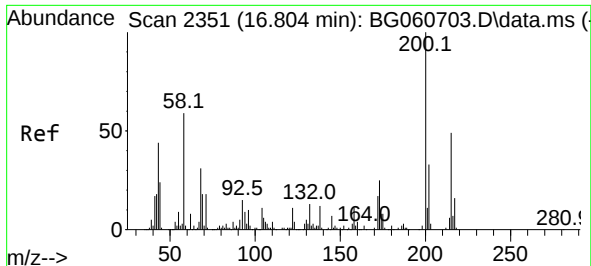
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#68
Hexachlorobenzene
Concen: 39.001 ng
RT: 16.637 min Scan# 2323
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

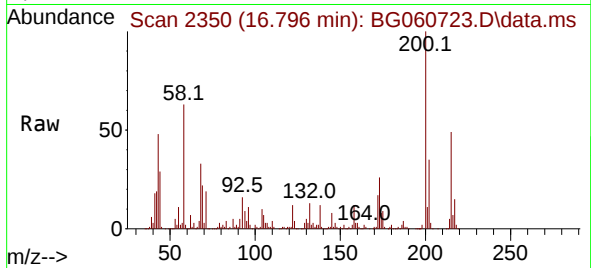
Tgt Ion:284 Resp: 247006
Ion Ratio Lower Upper
284 100
142 29.8 22.9 34.3
249 31.9 27.1 40.7





#69
Atrazine
Concen: 38.599 ng
RT: 16.796 min Scan# 21323
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

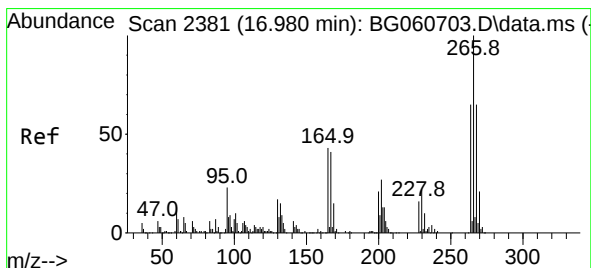
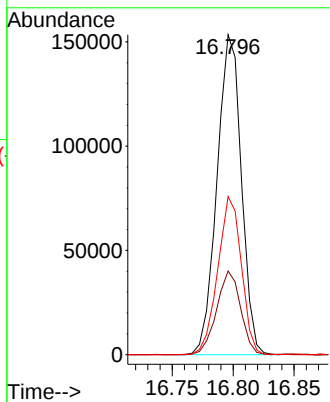
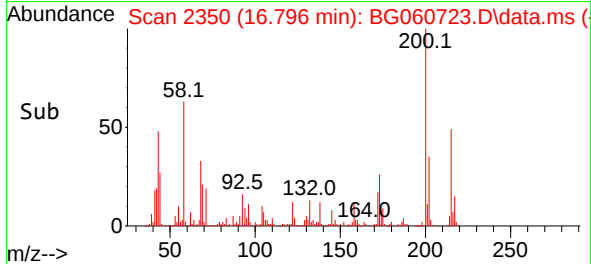
Instrument :
BNA_G
ClientSampleId :
72-11991MSD



Tgt Ion:200 Resp: 21323
Ion Ratio Lower Upper
200 100
173 26.2 5.2 45.2
215 49.4 28.8 68.8

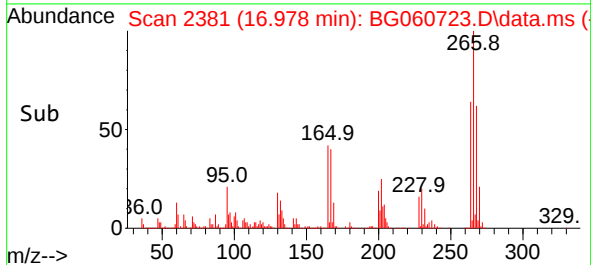
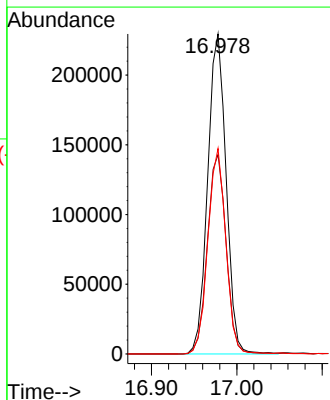
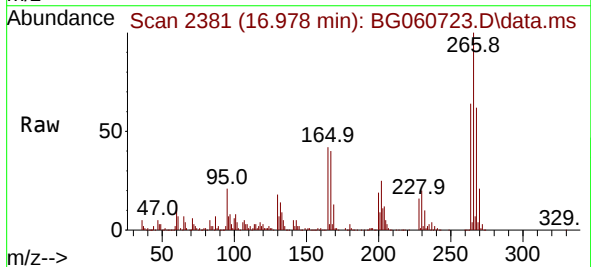
Manual Integrations
APPROVED

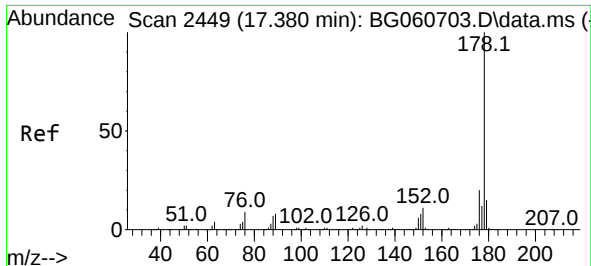
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#70
Pentachlorophenol
Concen: 83.358 ng
RT: 16.978 min Scan# 2381
Delta R.T. -0.002 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Tgt Ion:266 Resp: 344476
Ion Ratio Lower Upper
266 100
268 62.3 52.2 78.4
264 64.2 51.8 77.6





#71
Phenanthrene
Concen: 39.902 ng
RT: 17.372 min Scan# 2449
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

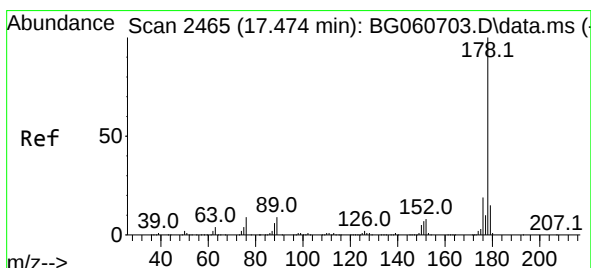
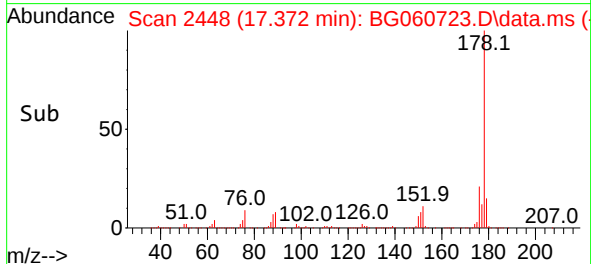
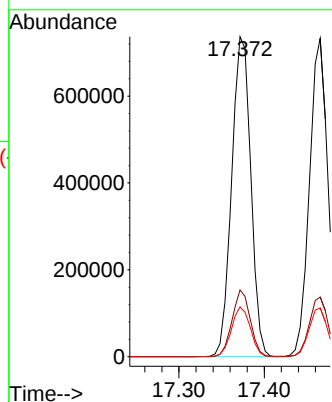
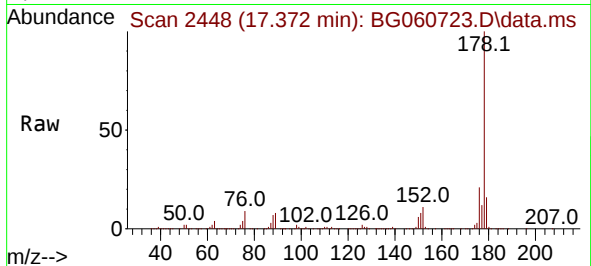
72-11991MSD

Tgt Ion:178 Resp: 114720
Ion Ratio Lower Upper
178 100
176 20.9 15.8 23.6
179 15.6 12.2 18.4

Manual Integrations

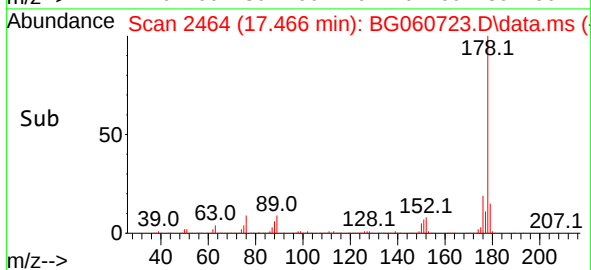
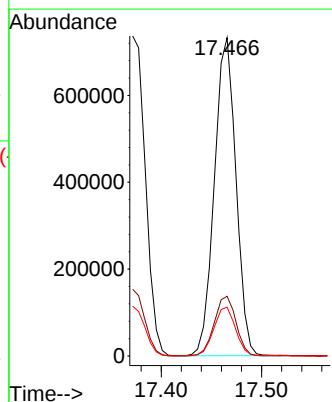
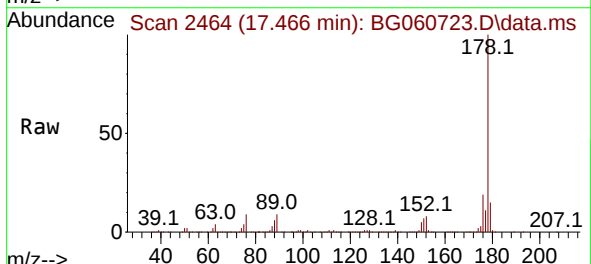
APPROVED

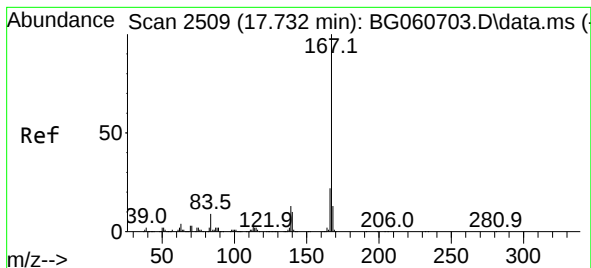
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#72
Anthracene
Concen: 37.357 ng
RT: 17.466 min Scan# 2464
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Tgt Ion:178 Resp: 1090756
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 15.3 12.2 18.2





#73

Carbazole

Concen: 38.350 ng

RT: 17.730 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG060723.D

Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

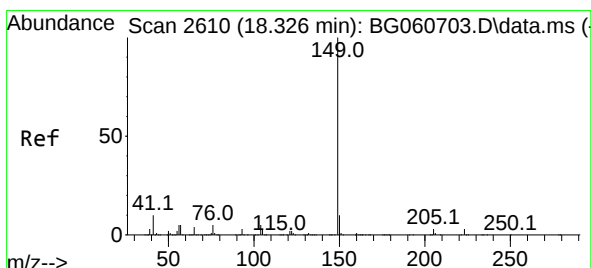
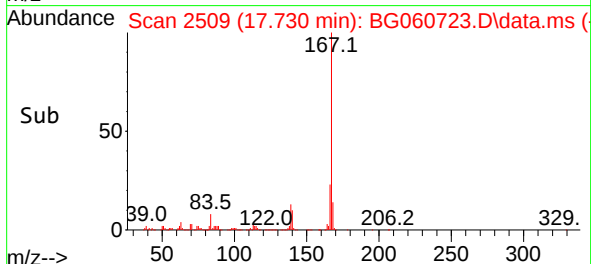
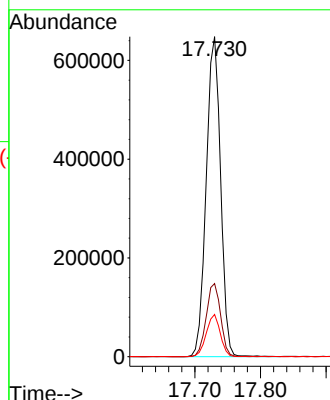
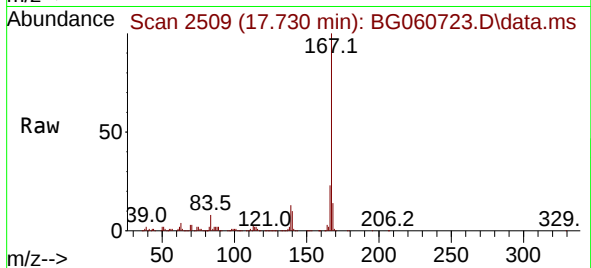
Tgt Ion:167	Resp: 98726
Ion Ratio	Lower Upper
167 100	
166 22.8	18.0 27.0
139 13.2	10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#74

Di-n-butylphthalate

Concen: 36.569 ng

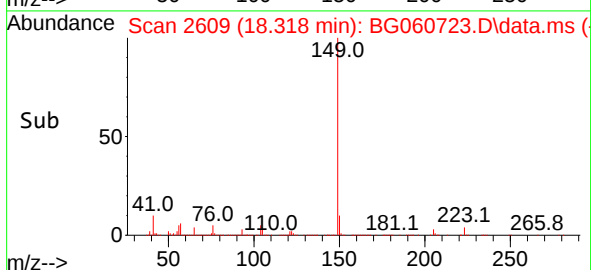
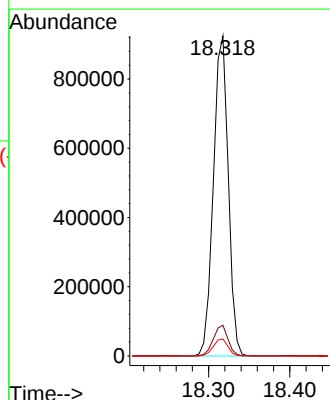
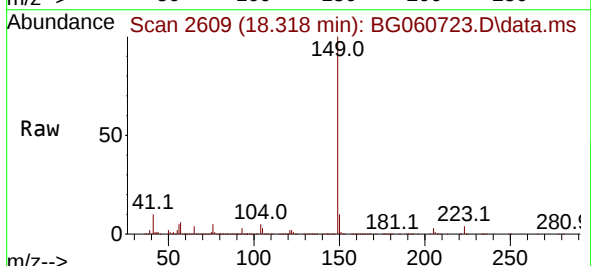
RT: 18.318 min Scan# 2609

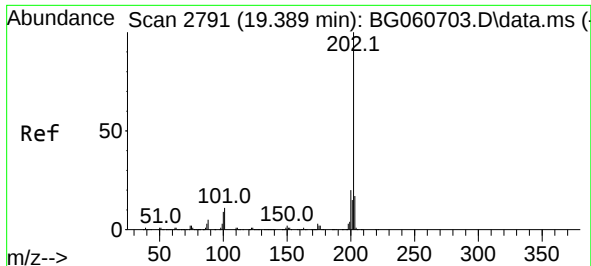
Delta R.T. -0.008 min

Lab File: BG060723.D

Acq: 1 Apr 2024 20:15

Tgt Ion:149	Resp: 1173656		
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	5.3	4.2	6.4





#75
Fluoranthene
Concen: 43.390 ng
RT: 19.387 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

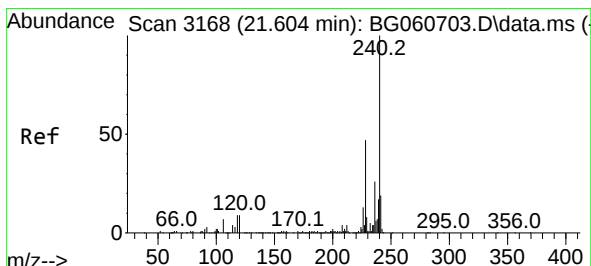
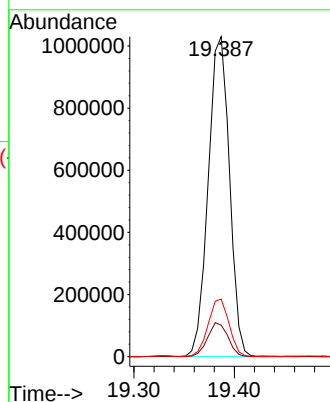
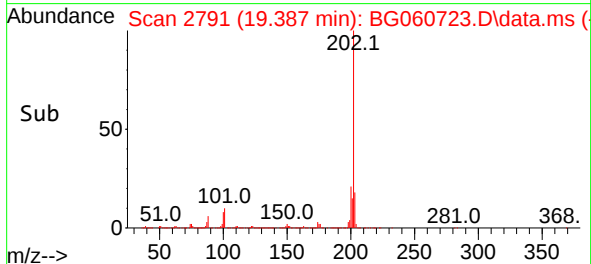
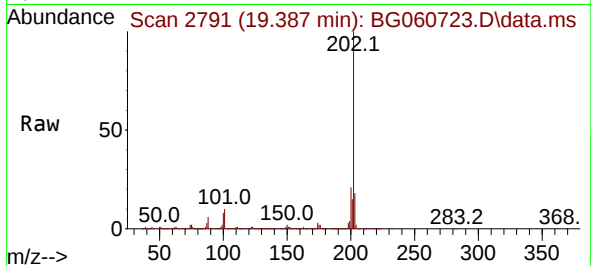
72-11991MSD

Tgt Ion:202 Resp: 151375
Ion Ratio Lower Upper
202 100
101 9.8 0.0 30.8
203 18.0 0.0 37.4

Manual Integrations

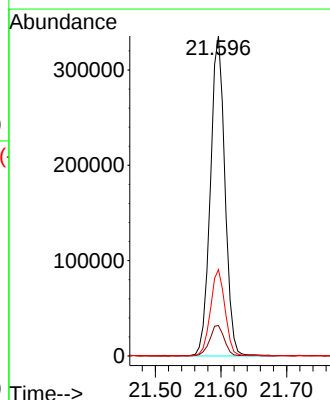
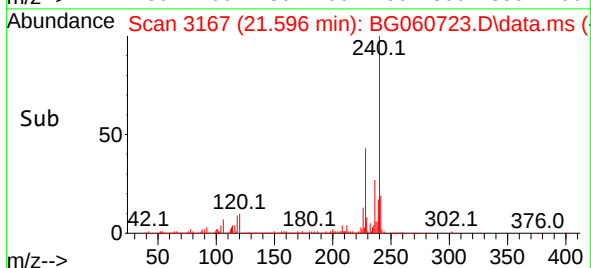
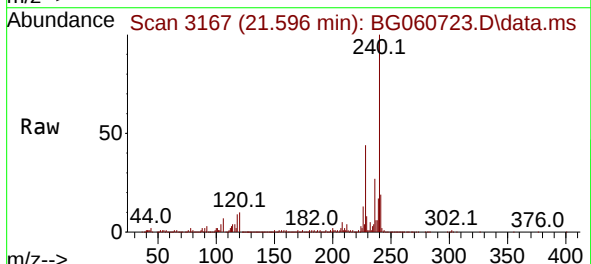
APPROVED

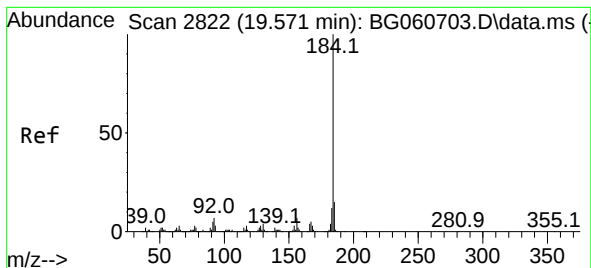
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.596 min Scan# 3167
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Tgt Ion:240 Resp: 516888
Ion Ratio Lower Upper
240 100
120 9.5 7.1 10.7
236 27.0 20.7 31.1





#77

Benzidine

Concen: 31.588 ng

RT: 19.563 min Scan# 2821

Delta R.T. -0.008 min

Lab File: BG060723.D

Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

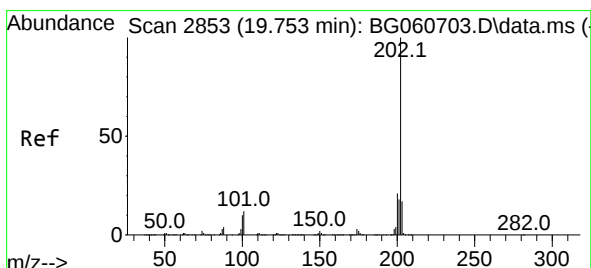
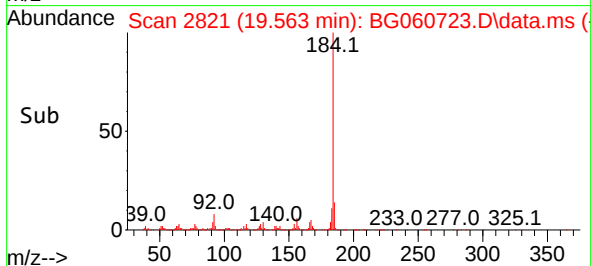
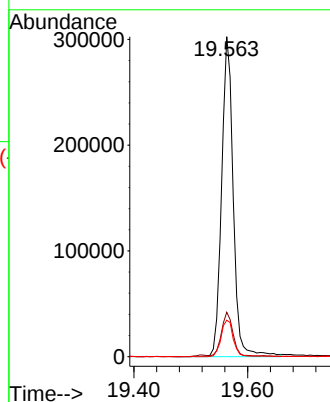
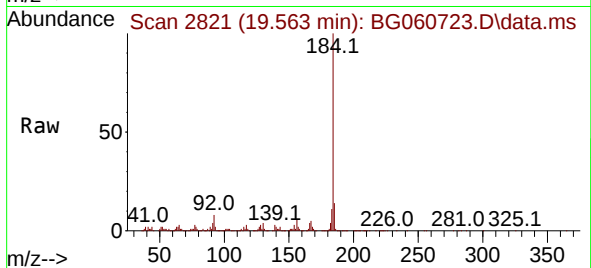
Tgt Ion:184	Resp: 42994
Ion Ratio	Lower Upper
184 100	
185 13.9	11.8 17.6
183 11.4	9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#78

Pyrene

Concen: 41.020 ng

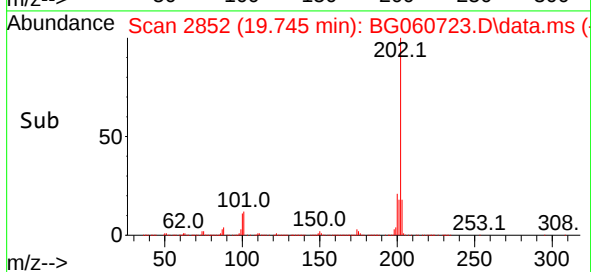
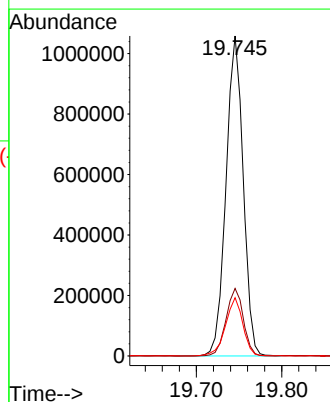
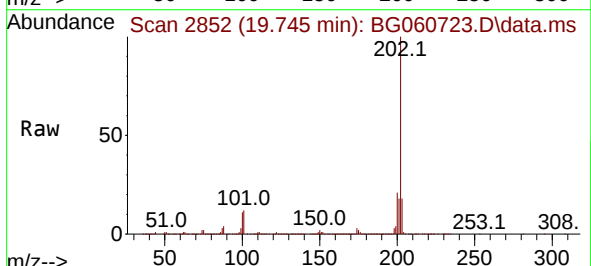
RT: 19.745 min Scan# 2852

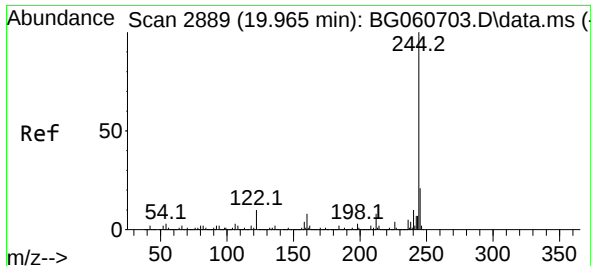
Delta R.T. -0.008 min

Lab File: BG060723.D

Acq: 1 Apr 2024 20:15

Tgt Ion:202	Resp: 1482873
Ion Ratio	Lower Upper
202 100	
200 21.1	17.0 25.4
203 18.2	14.0 21.0





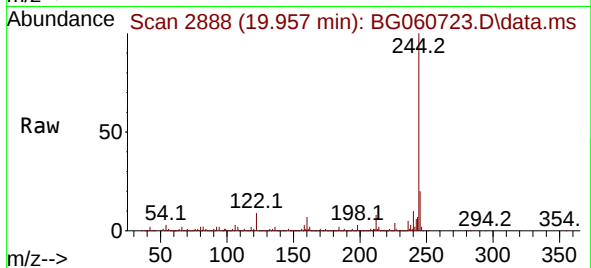
#79
 Terphenyl-d14
 Concen: 53.639 ng
 RT: 19.957 min Scan# 2888
 Delta R.T. -0.008 min
 Lab File: BG060723.D
 Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

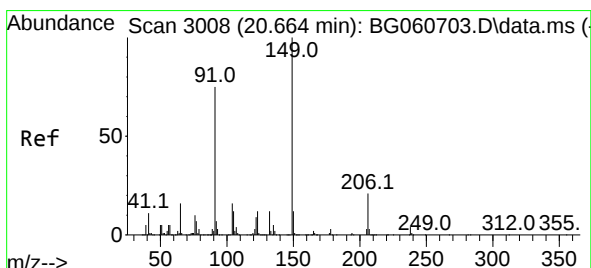
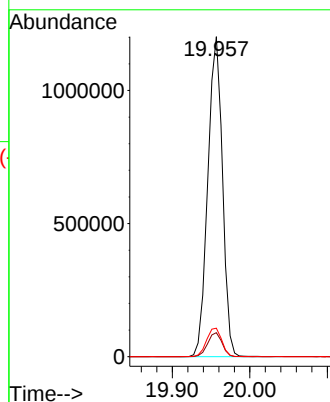
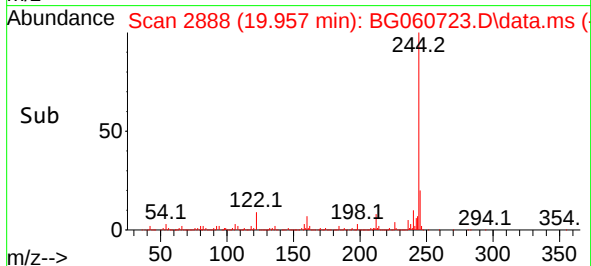


Tgt Ion:244 Resp: 157456
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 8.9 7.8 11.8

Manual Integrations

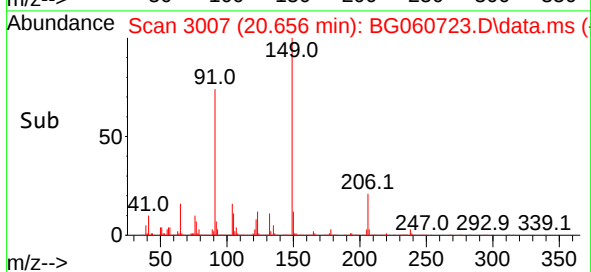
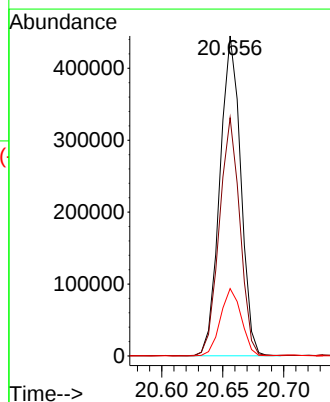
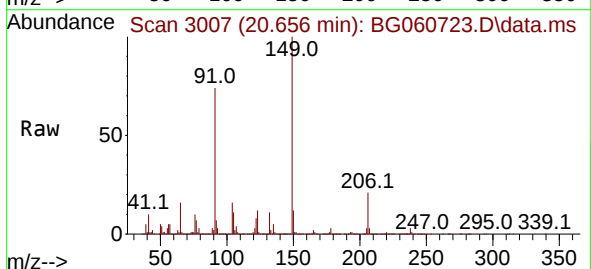
APPROVED

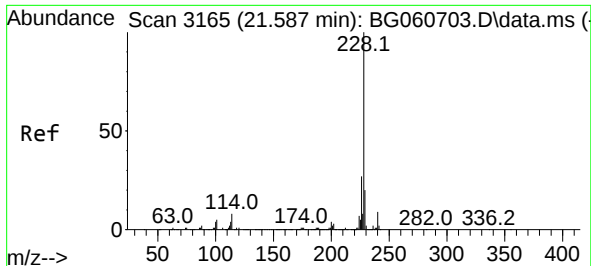
Reviewed By :Yogesh Patel 04/02/2024
 Supervised By :mohammad ahmed 04/02/2024



#80
 Butylbenzylphthalate
 Concen: 40.205 ng
 RT: 20.656 min Scan# 3007
 Delta R.T. -0.008 min
 Lab File: BG060723.D
 Acq: 1 Apr 2024 20:15

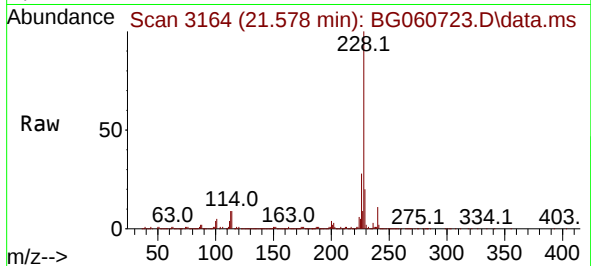
Tgt Ion:149 Resp: 530180
 Ion Ratio Lower Upper
 149 100
 91 74.5 60.1 90.1
 206 21.0 16.8 25.2





#81
Benzo(a)anthracene
Concen: 39.508 ng
RT: 21.578 min Scan# 3165
Delta R.T. -0.008 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

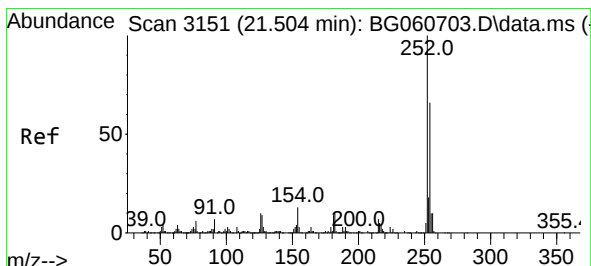
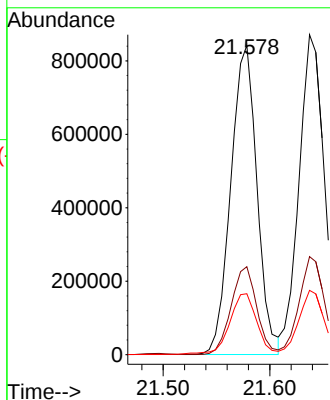
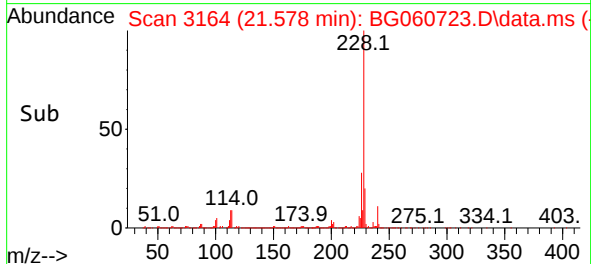
Instrument :
BNA_G
ClientSampleId :
72-11991MSD



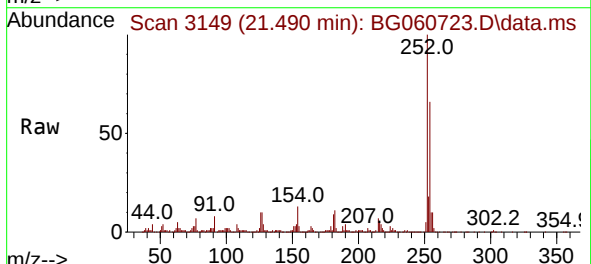
Tgt Ion:228 Resp: 1439494
Ion Ratio Lower Upper
228 100
226 28.4 21.7 32.5
229 19.7 15.8 23.8

Manual Integrations
APPROVED

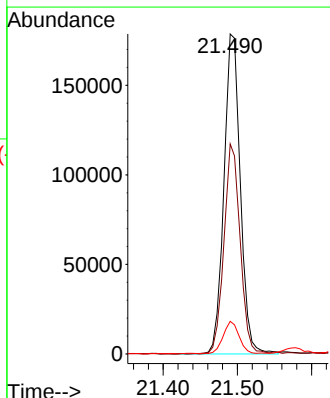
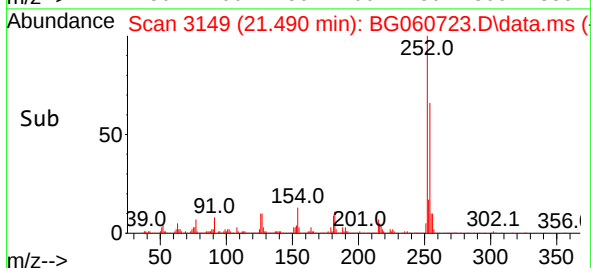
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

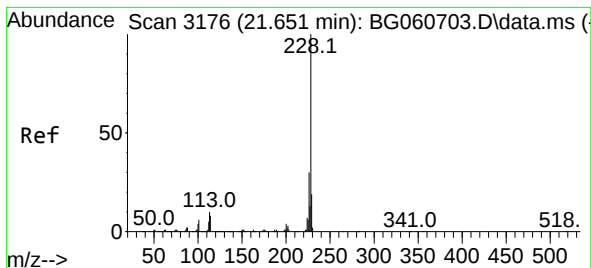


#82
3,3'-Dichlorobenzidine
Concen: 22.307 ng
RT: 21.490 min Scan# 3149
Delta R.T. -0.014 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15



Tgt Ion:252 Resp: 274429
Ion Ratio Lower Upper
252 100
254 65.6 52.6 78.8
126 10.2 7.8 11.8





#83

Chrysene

Concen: 40.691 ng

RT: 21.637 min Scan# 3174

Delta R.T. -0.014 min

Lab File: BG060723.D

Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

Tgt Ion:228 Resp: 1428980

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.4

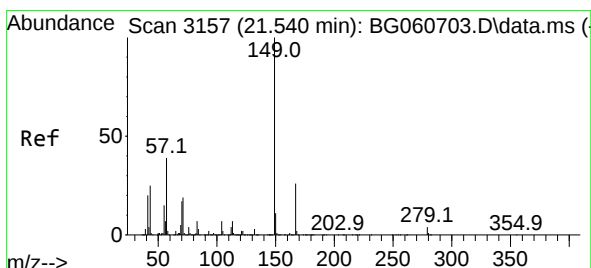
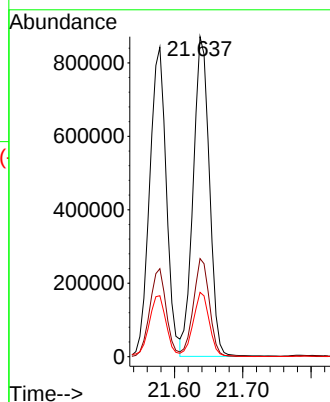
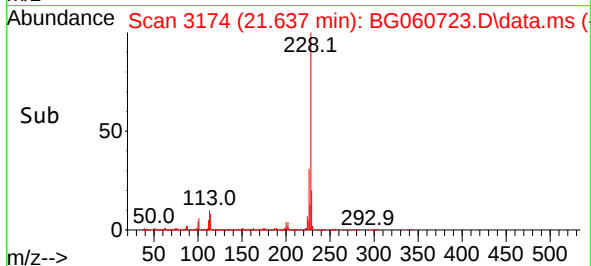
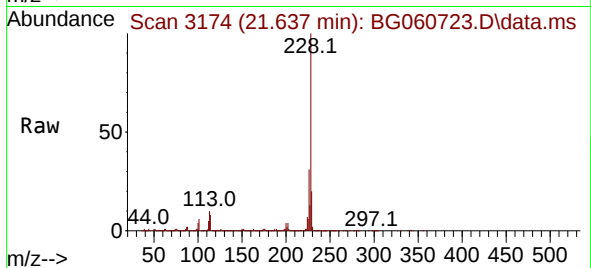
229 20.1 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.534 ng

RT: 21.526 min Scan# 3155

Delta R.T. -0.014 min

Lab File: BG060723.D

Acq: 1 Apr 2024 20:15

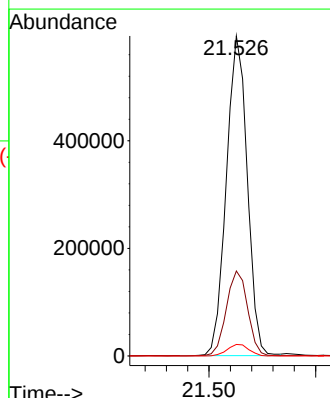
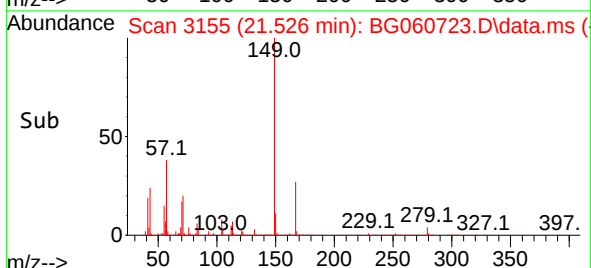
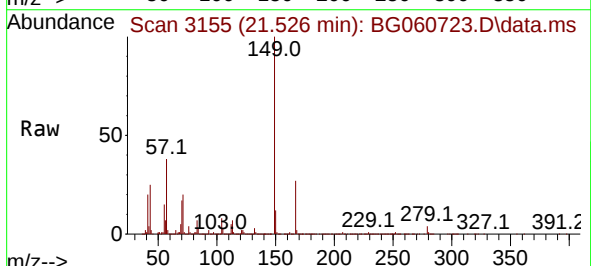
Tgt Ion:149 Resp: 809932

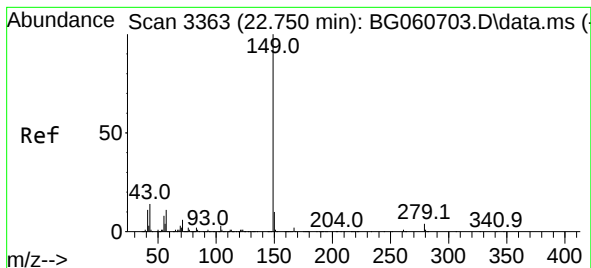
Ion Ratio Lower Upper

149 100

167 26.6 20.6 30.8

279 3.6 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 40.342 ng

RT: 22.730 min Scan# 31

Delta R.T. -0.020 min

Lab File: BG060723.D

Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

Tgt Ion:149 Resp: 1381349

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

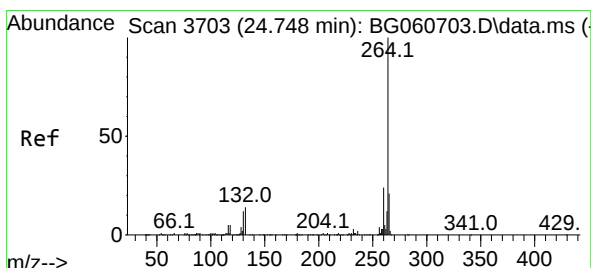
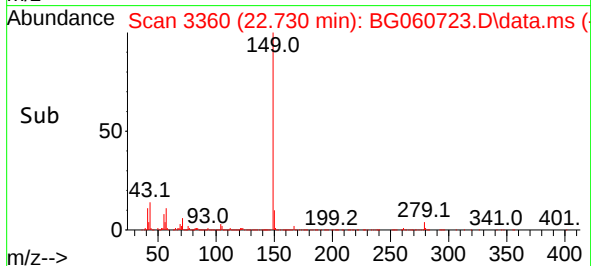
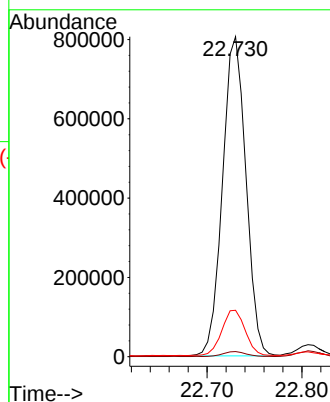
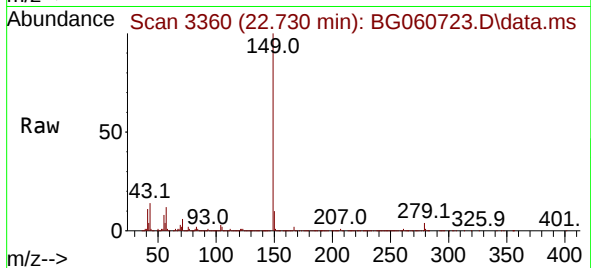
43 14.2 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.734 min Scan# 3701

Delta R.T. -0.014 min

Lab File: BG060723.D

Acq: 1 Apr 2024 20:15

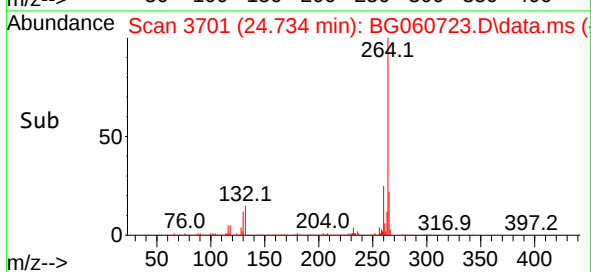
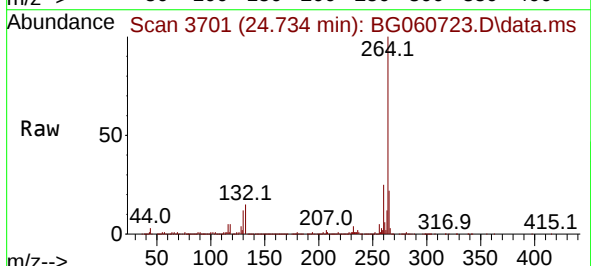
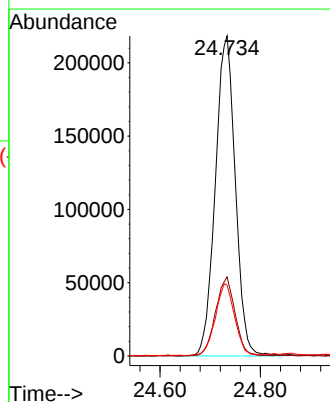
Tgt Ion:264 Resp: 603988

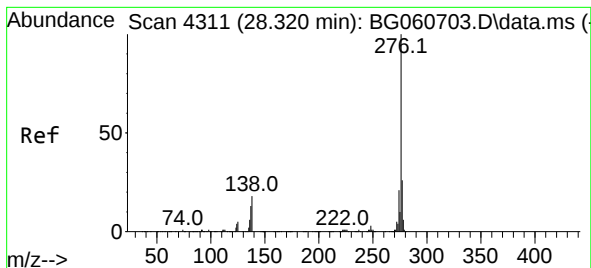
Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 22.1 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.202 ng

RT: 28.294 min Scan# 41

Delta R.T. -0.026 min

Lab File: BG060723.D

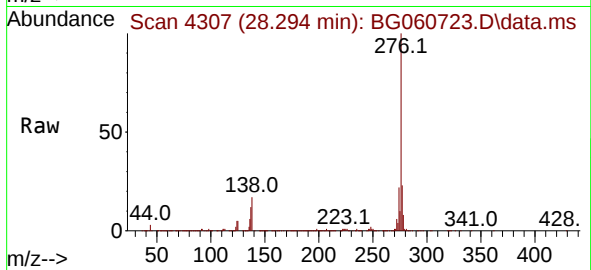
Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

72-11991MSD



Tgt Ion:276 Resp: 1752429

Ion Ratio Lower Upper

276 100

138 15.3 12.4 18.6

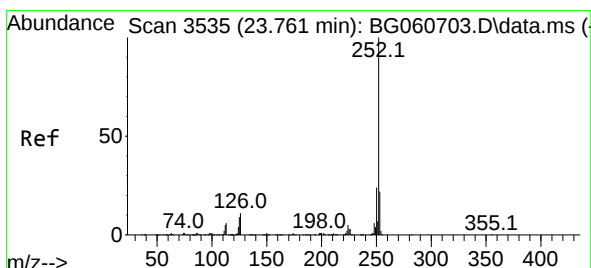
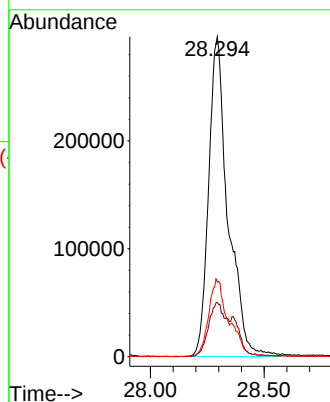
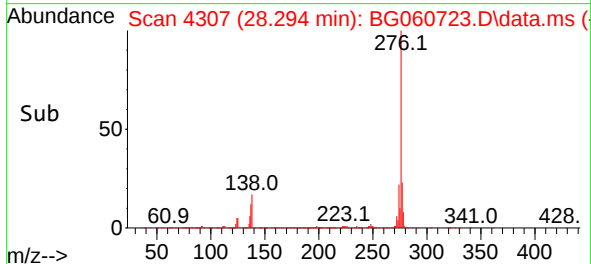
277 25.0 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#88

Benzo(b)fluoranthene

Concen: 43.725 ng

RT: 23.741 min Scan# 3532

Delta R.T. -0.020 min

Lab File: BG060723.D

Acq: 1 Apr 2024 20:15

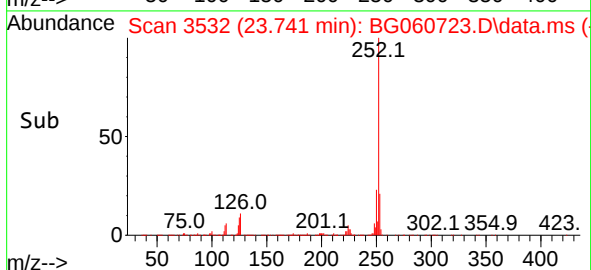
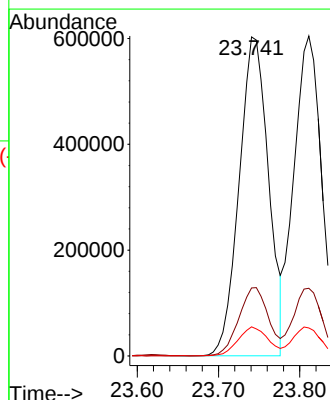
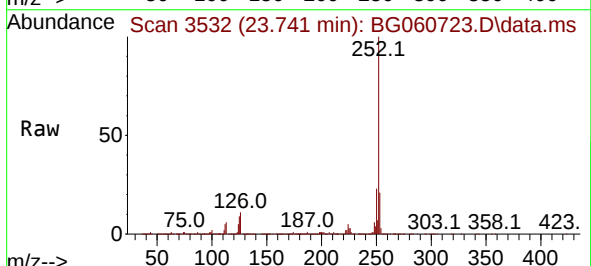
Tgt Ion:252 Resp: 1517223

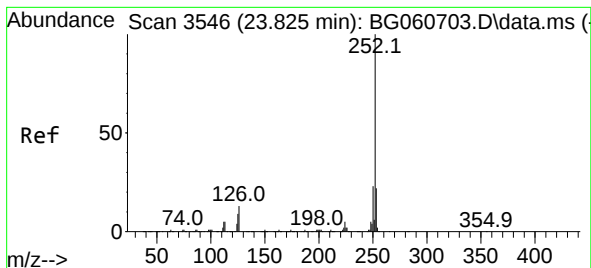
Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.8

125 9.1 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 40.230 ng

RT: 23.811 min Scan# 3546

Delta R.T. -0.014 min

Lab File: BG060723.D

Acq: 1 Apr 2024 20:15

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

Tgt Ion:252 Resp: 142878

Ion Ratio Lower Upper

252 100

253 21.2 17.6 26.4

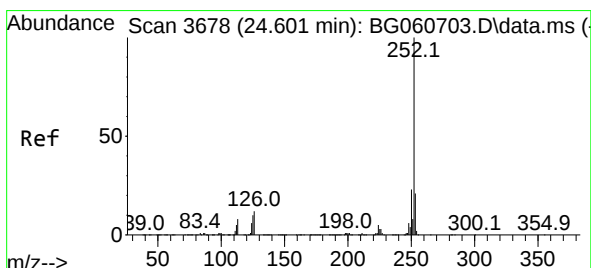
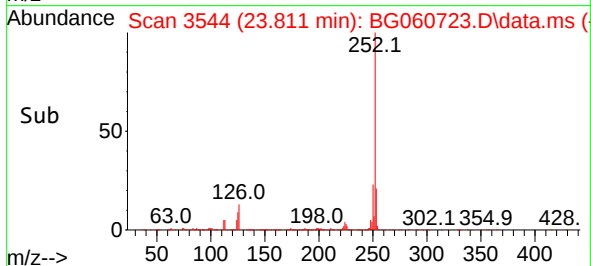
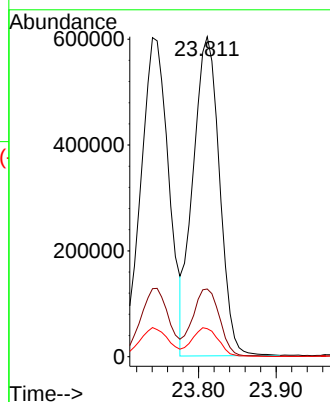
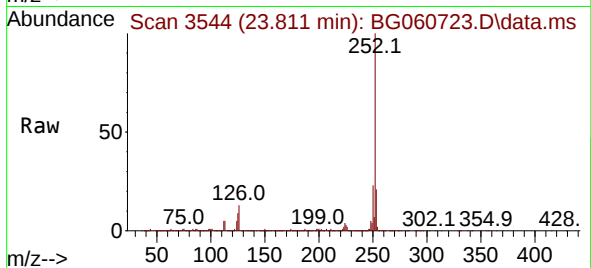
125 8.8 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#90

Benzo(a)pyrene

Concen: 39.395 ng

RT: 24.587 min Scan# 3676

Delta R.T. -0.014 min

Lab File: BG060723.D

Acq: 1 Apr 2024 20:15

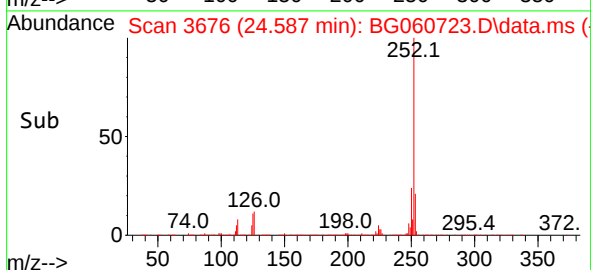
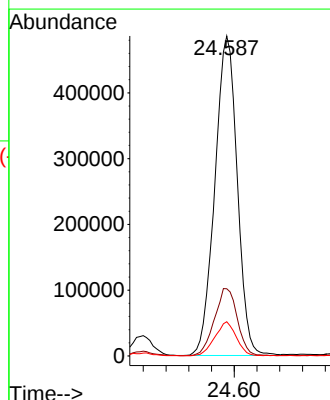
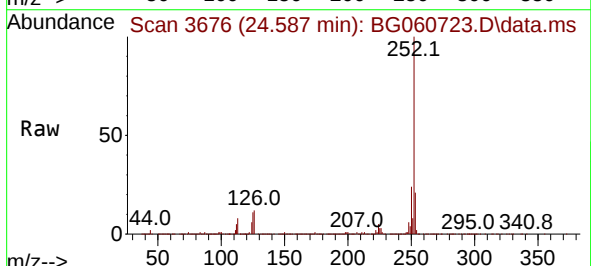
Tgt Ion:252 Resp: 1328438

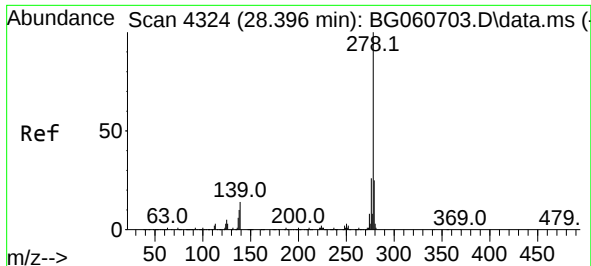
Ion Ratio Lower Upper

252 100

253 21.0 16.8 25.2

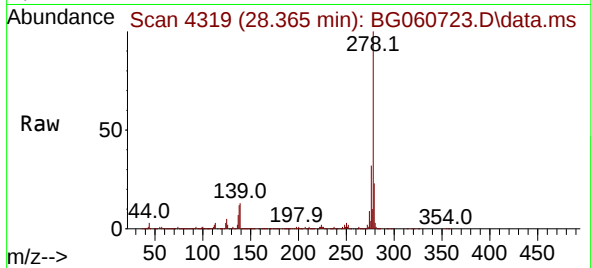
125 10.7 7.6 11.4





#91
Dibenzo(a,h)anthracene
Concen: 39.005 ng
RT: 28.365 min Scan# 41
Delta R.T. -0.032 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

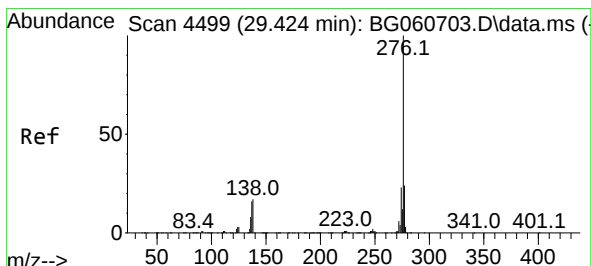
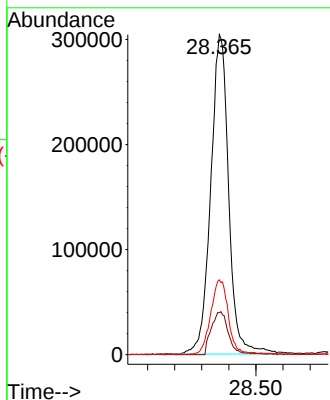
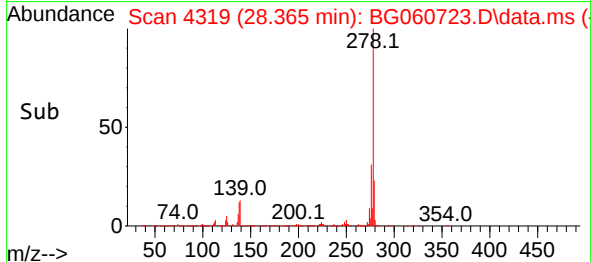
Instrument :
BNA_G
ClientSampleId :
72-11991MSD



Tgt Ion:278 Resp: 1398480
Ion Ratio Lower Upper
278 100
139 13.1 11.1 16.7
279 23.4 19.8 29.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#92
Benzo(g,h,i)perylene
Concen: 37.773 ng
RT: 29.405 min Scan# 4496
Delta R.T. -0.020 min
Lab File: BG060723.D
Acq: 1 Apr 2024 20:15

Tgt Ion:276 Resp: 1317433
Ion Ratio Lower Upper
276 100
277 23.2 18.9 28.3
138 18.0 14.0 21.0

