

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
 Data File : BG060747.D
 Acq On : 2 Apr 2024 21:26
 Operator : MA/JU
 Sample : P1927-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
 Supervised By :mohammad ahmed 04/04/2024

Quant Time: Apr 03 00:44:09 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	7.956	152	64322	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	260224	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	204595	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	527306	20.000	ng	0.00
76) Chrysene-d12	21.593	240	503860	20.000	ng	-0.01
86) Perylene-d12	24.730	264	534868	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	484117	125.382	ng	0.00
7) Phenol-d6	7.115	99	617690	107.773	ng	0.00
23) Nitrobenzene-d5	9.107	82	450323	98.746	ng	0.00
42) 2,4,6-Tribromophenol	16.070	330	380678	163.910	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	1089831	78.177	ng	-0.01
79) Terphenyl-d14	19.953	244	2290478	80.045	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.467	88	59363	37.500	ng	# 53
3) Pyridine	3.860	79	190299	39.853	ng	93
4) n-Nitrosodimethylamine	3.761	42	129200	45.266	ng	92
6) Aniline	7.280	93	53455	7.386	ng	97
8) 2-Chlorophenol	7.515	128	193146	44.124	ng	96
9) Benzaldehyde	7.092	77	11085m	3.507	ng	
10) Phenol	7.145	94	236826	40.489	ng	97
11) bis(2-Chloroethyl)ether	7.374	93	183136	38.780	ng	98
12) 1,3-Dichlorobenzene	7.844	146	202012	44.378	ng	94
13) 1,4-Dichlorobenzene	7.991	146	207908	44.768	ng	98
14) 1,2-Dichlorobenzene	8.308	146	201791	44.338	ng	97
15) Benzyl Alcohol	8.185	79	177849	38.308	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.479	45	443760	41.638	ng	99
17) 2-Methylphenol	8.390	107	174590	39.539	ng	97
18) Hexachloroethane	9.037	117	75346	45.680	ng	95
19) n-Nitroso-di-n-propyla...	8.761	70	169003	38.667	ng	# 98
20) 3+4-Methylphenols	8.719	107	242259	40.065	ng	94
22) Acetophenone	8.772	105	320739	44.700	ng	# 99
24) Nitrobenzene	9.148	77	235699	46.522	ng	99
25) Isophorone	9.677	82	433481	41.269	ng	99
26) 2-Nitrophenol	9.859	139	97805	53.698	ng	91
27) 2,4-Dimethylphenol	9.924	122	152887	36.234	ng	99
28) bis(2-Chloroethoxy)met...	10.165	93	255816	41.252	ng	99
29) 2,4-Dichlorophenol	10.394	162	197811	51.053	ng	98
30) 1,2,4-Trichlorobenzene	10.611	180	204499	46.610	ng	96
31) Naphthalene	10.799	128	611980	43.475	ng	100
32) Benzoic acid	10.047	122	140908	49.881	ng	96
33) 4-Chloroaniline	10.905	127	15288	2.338	ng	97
34) Hexachlorobutadiene	11.093	225	131409	44.941	ng	95
35) Caprolactam	11.669	113	68852m	44.867	ng	
36) 4-Chloro-3-methylphenol	12.027	107	243750	49.245	ng	98
37) 2-Methylnaphthalene	12.409	142	444236	42.925	ng	98
38) 1-Methylnaphthalene	12.627	142	414779	42.425	ng	96
40) 1,2,4,5-Tetrachloroben...	12.774	216	264737	45.009	ng	99
41) Hexachlorocyclopentadiene	12.762	237	276415	92.422	ng	99
43) 2,4,6-Trichlorophenol	13.014	196	192744	50.891	ng	94

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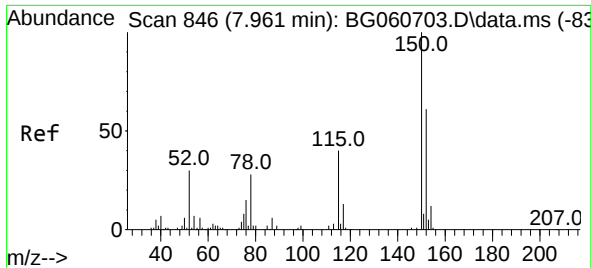
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Mar 30 03:12:26 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.085	196	220143	48.706	ng	96
46) 1,1'-Biphenyl	13.420	154	621115	42.980	ng	99
47) 2-Chloronaphthalene	13.461	162	493931	44.986	ng	97
48) 2-Nitroaniline	13.655	65	186911	51.795	ng	98
49) Acenaphthylene	14.307	152	873084	47.325	ng	99
50) Dimethylphthalate	14.049	163	727297	44.974	ng	99
51) 2,6-Dinitrotoluene	14.154	165	146945	50.551	ng	97
52) Acenaphthene	14.648	154	600393m	51.833	ng	
53) 3-Nitroaniline	14.477	138	30568	11.903	ng	94
54) 2,4-Dinitrophenol	14.689	184	187564	166.631	ng	90
55) Dibenzofuran	14.983	168	815829	44.652	ng	97
56) 4-Nitrophenol	14.789	139	281597	119.115	ng	94
57) 2,4-Dinitrotoluene	14.942	165	225085	58.380	ng	97
58) Fluorene	15.635	166	683614	46.620	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.206	232	211802	53.771	ng	99
60) Diethylphthalate	15.417	149	735218	45.190	ng	98
61) 4-Chlorophenyl-phenyle...	15.629	204	346543	44.671	ng	98
62) 4-Nitroaniline	15.641	138	106518	36.027	ng	94
63) Azobenzene	15.923	77	692806	43.699	ng	98
65) 4,6-Dinitro-2-methylph...	15.705	198	130268	58.124	ng	94
66) n-Nitrosodiphenylamine	15.841	169	514502	34.144	ng	98
67) 4-Bromophenyl-phenylether	16.522	248	248476	46.431	ng	96
68) Hexachlorobenzene	16.640	284	283978	47.008	ng	97
69) Atrazine	16.792	200	71655	13.598	ng	98
70) Pentachlorophenol	16.980	266	409199	103.809	ng	98
71) Phenanthrene	17.374	178	1226535	44.725	ng	99
72) Anthracene	17.462	178	1254224	45.033	ng	99
73) Carbazole	17.727	167	844573	34.394	ng	99
74) Di-n-butylphthalate	18.314	149	1391153	45.442	ng	99
75) Fluoranthene	19.383	202	1526166	45.862	ng	99
78) Pyrene	19.748	202	1590181	45.126	ng	100
80) Butylbenzylphthalate	20.653	149	641924	49.937	ng	100
81) Benzo(a)anthracene	21.575	228	1638942	46.146	ng	99
83) Chrysene	21.640	228	1556435	45.466	ng	99
84) Bis(2-ethylhexyl)phtha...	21.522	149	956305	46.675	ng	98
85) Di-n-octyl phthalate	22.721	149	1660919	49.761	ng	99
87) Indeno(1,2,3-cd)pyrene	28.297	276	1931138	51.271	ng	98
88) Benzo(b)fluoranthene	23.743	252	1624514	52.867	ng	98
89) Benzo(k)fluoranthene	23.814	252	1606129	51.067	ng	99
90) Benzo(a)pyrene	24.589	252	1463644	49.014	ng	99
91) Dibenzo(a,h)anthracene	28.379	278	1622677	51.106	ng	97
92) Benzo(g,h,i)perylene	29.401	276	1434988	46.460	ng	99

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



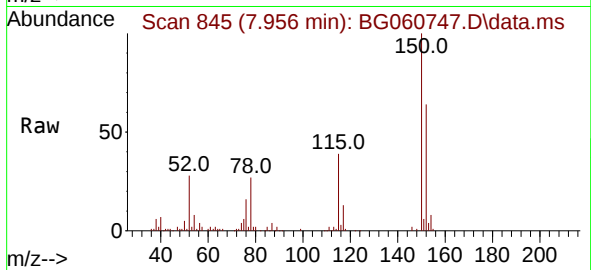
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.956 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

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72-11991MSD

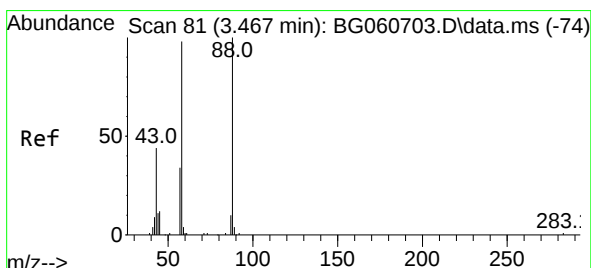
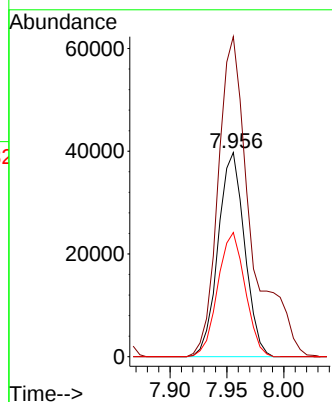
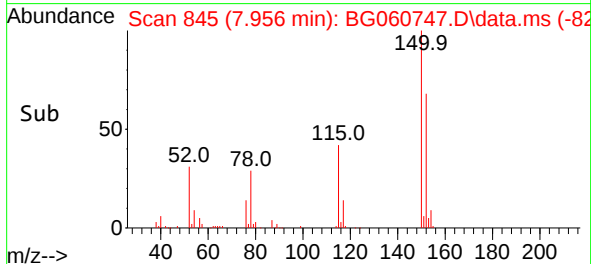


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Ion Ratio Lower Upper
152 100
150 156.7 130.2 195.4
115 60.8 51.6 77.4

Manual Integrations

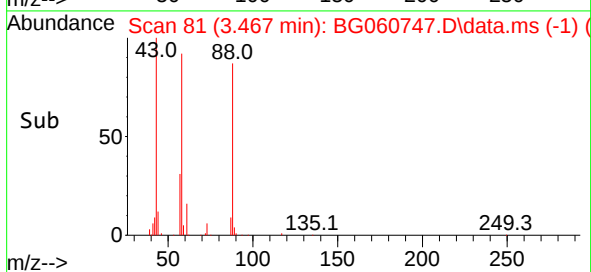
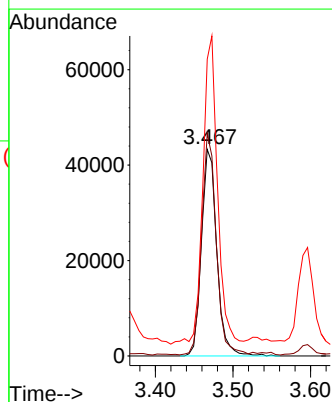
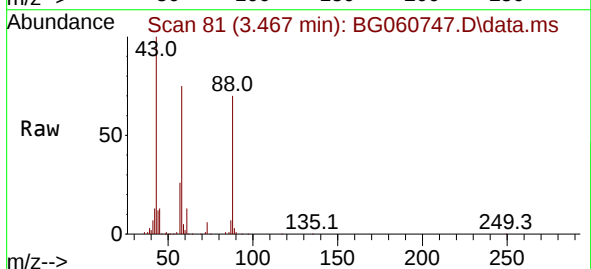
APPROVED

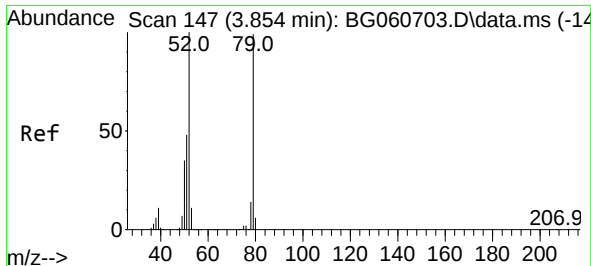
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#2
1,4-Dioxane
Concen: 37.500 ng
RT: 3.467 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

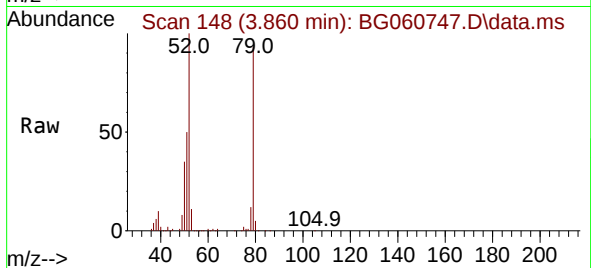
Tgt Ion: 88 Resp: 59363
Ion Ratio Lower Upper
88 100
58 101.8 80.9 121.3
43 142.5 35.4 53.0#





#3
Pyridine
Concen: 39.853 ng
RT: 3.860 min Scan# 147
Delta R.T. 0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

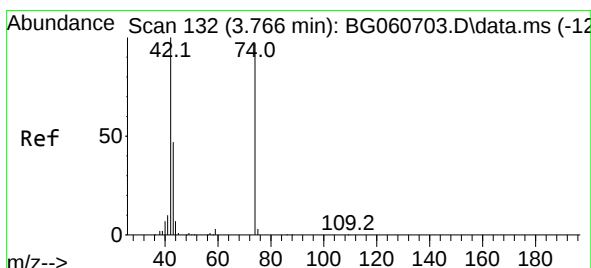
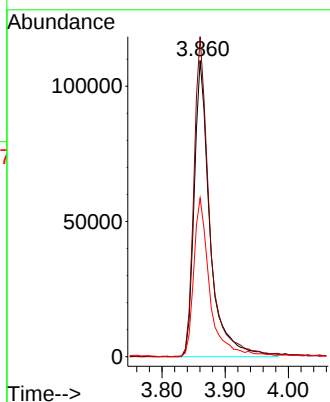
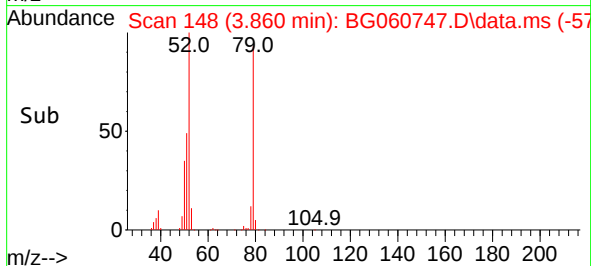
Instrument :
BNA_G
ClientSampleId :
72-11991MSD



Tgt Ion: 79 Resp: 190295
Ion Ratio Lower Upper
79 100
52 108.0 80.6 120.8
51 53.5 39.1 58.7

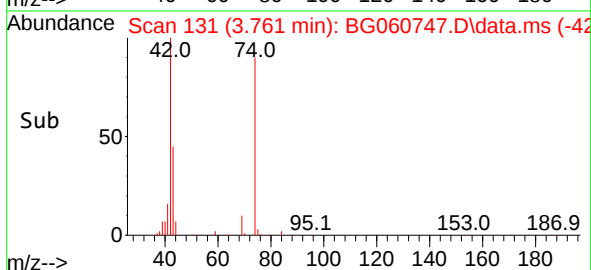
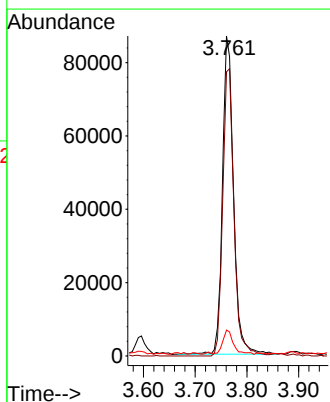
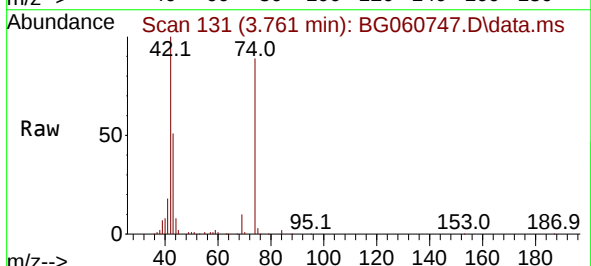
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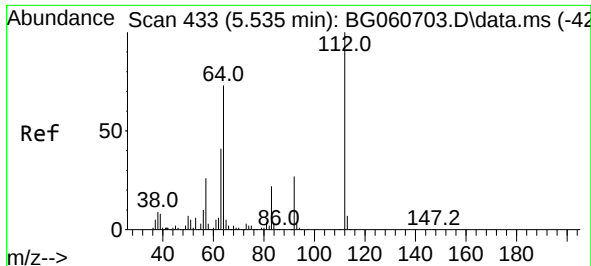
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#4
n-Nitrosodimethylamine
Concen: 45.266 ng
RT: 3.761 min Scan# 131
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Tgt Ion: 42 Resp: 129200
Ion Ratio Lower Upper
42 100
74 88.8 77.8 116.8
44 8.1 6.8 10.2





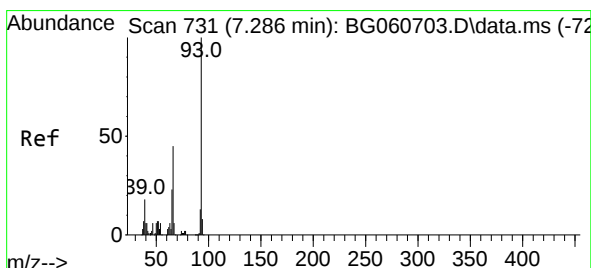
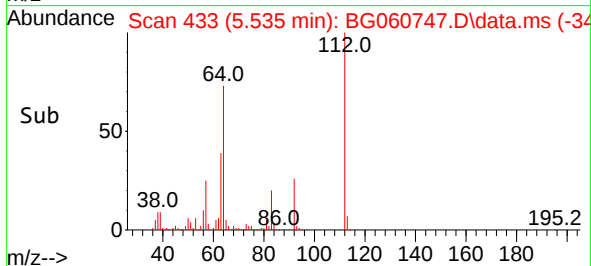
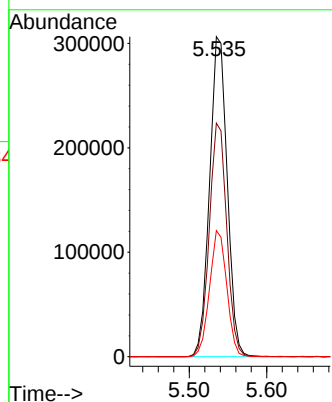
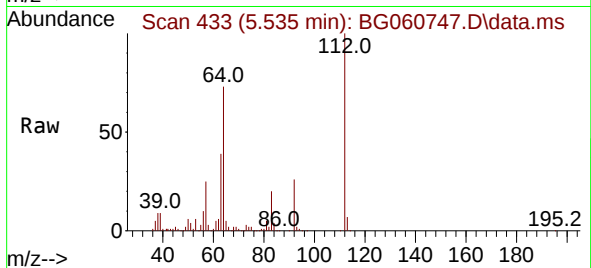
#5
2-Fluorophenol
Concen: 125.382 ng
RT: 5.535 min Scan# 41
Delta R.T. 0.000 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Instrument :
BNA_G
ClientSampleId :
72-11991MSD

Tgt Ion:112 Resp: 48411
Ion Ratio Lower Upper
112 100
64 73.0 58.4 87.6
63 39.4 32.7 49.1

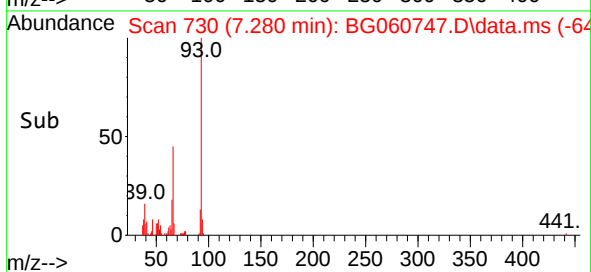
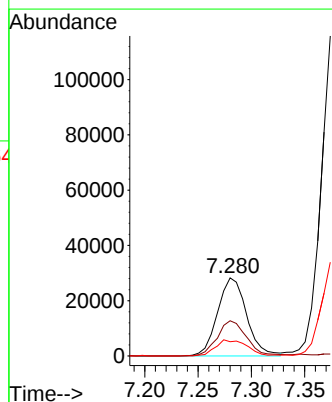
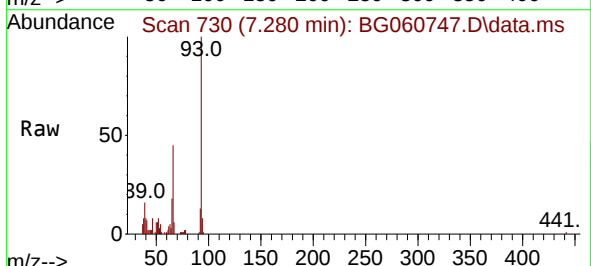
Manual Integrations
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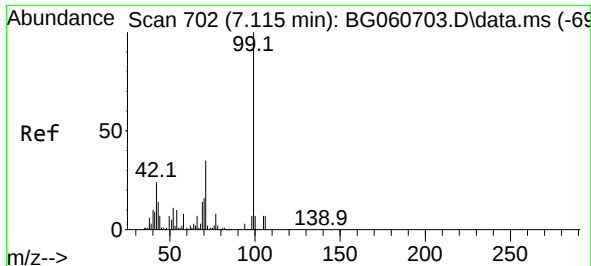
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#6
Aniline
Concen: 7.386 ng
RT: 7.280 min Scan# 730
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

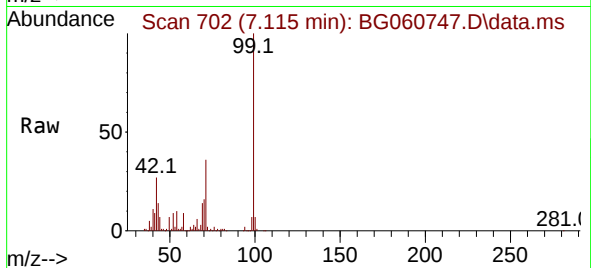
Tgt Ion: 93 Resp: 53455
Ion Ratio Lower Upper
93 100
66 45.1 36.1 54.1
65 18.3 18.1 27.1





#7
Phenol-d6
Concen: 107.773 ng
RT: 7.115 min Scan# 702
Delta R.T. 0.000 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

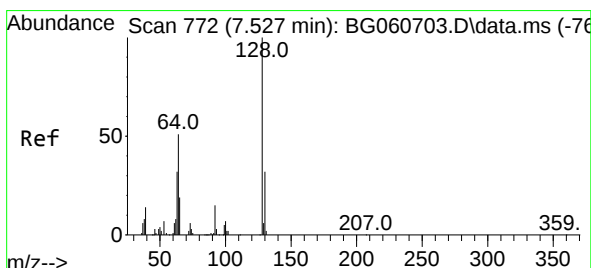
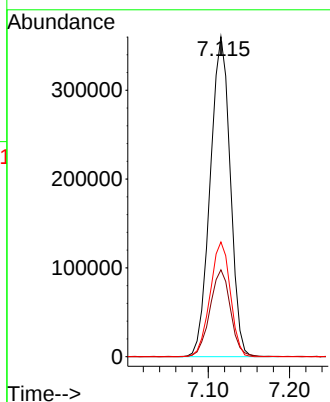
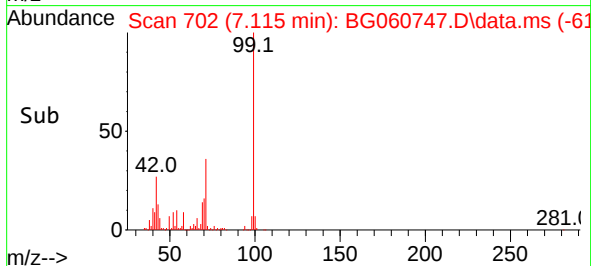
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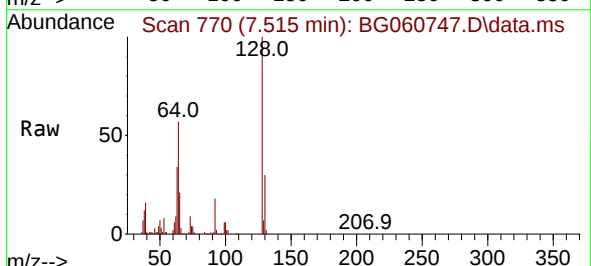
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Ion Ratio Lower Upper
99 100
42 27.1 19.4 29.2
71 35.9 28.2 42.2

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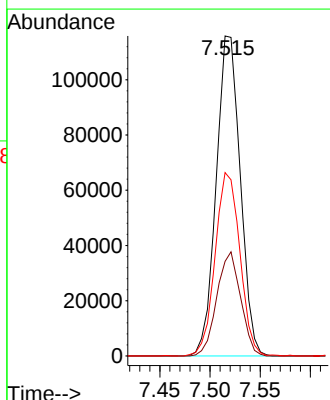
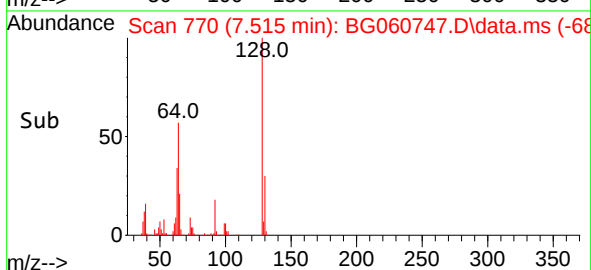
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#8
2-Chlorophenol
Concen: 44.124 ng
RT: 7.515 min Scan# 770
Delta R.T. -0.012 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26



Tgt Ion:128 Resp: 193146
Ion Ratio Lower Upper
128 100
130 29.6 12.3 52.3
64 57.3 35.0 75.0





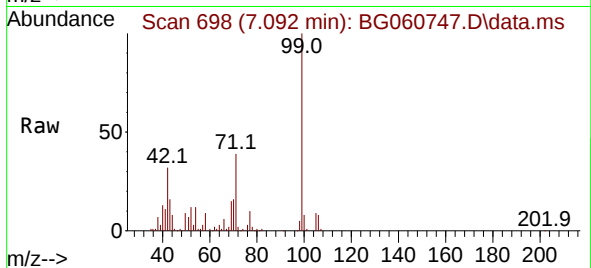
#9
Benzaldehyde
Concen: 3.507 ng m
RT: 7.092 min Scan# 699
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

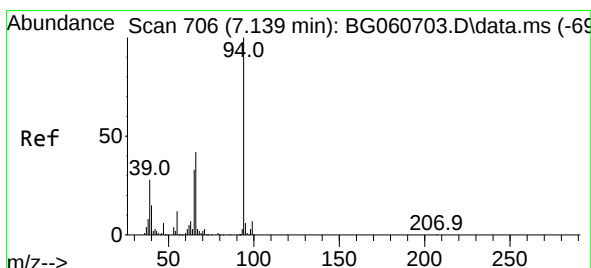
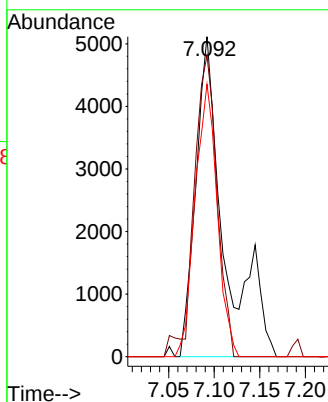
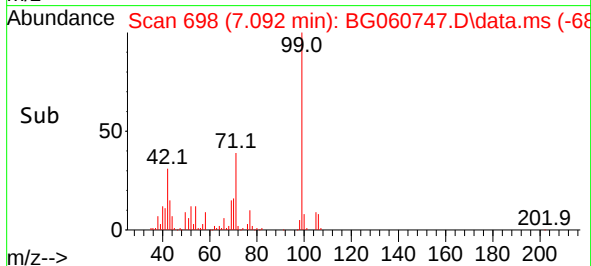
72-11991MSD



Tgt Ion: 77 Resp: 11085
Ion Ratio Lower Upper
77 100
105 94.1 76.0 116.0
106 85.1 70.3 110.3

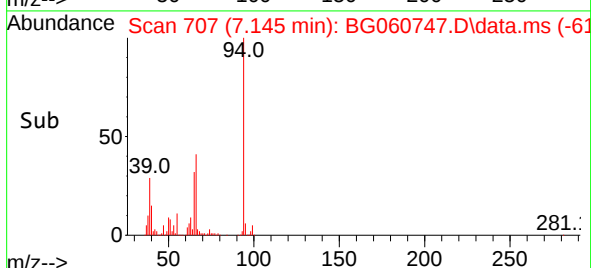
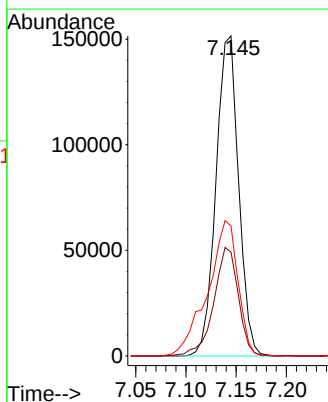
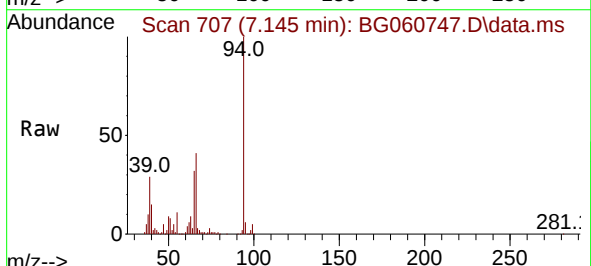
Manual Integrations
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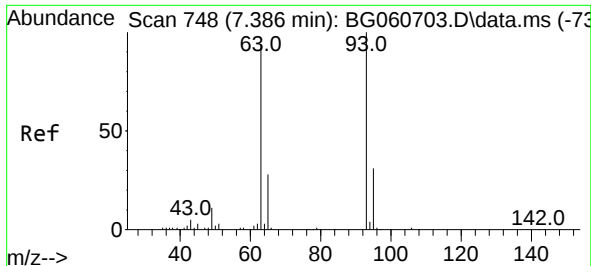
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#10
Phenol
Concen: 40.489 ng
RT: 7.145 min Scan# 707
Delta R.T. 0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Tgt Ion: 94 Resp: 236826
Ion Ratio Lower Upper
94 100
65 32.5 13.3 53.3
66 40.6 22.9 62.9





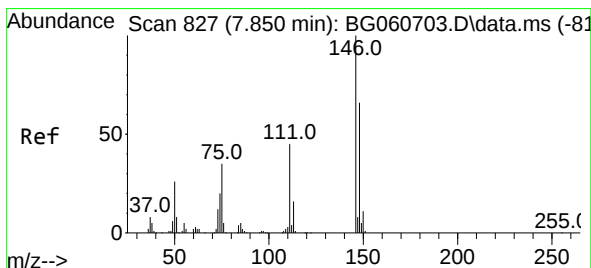
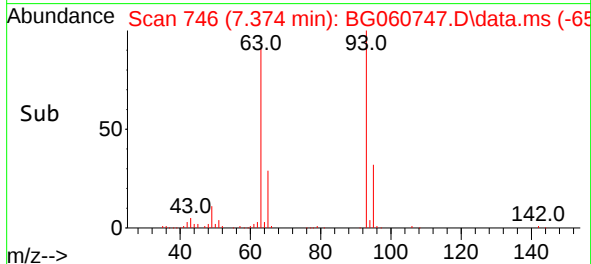
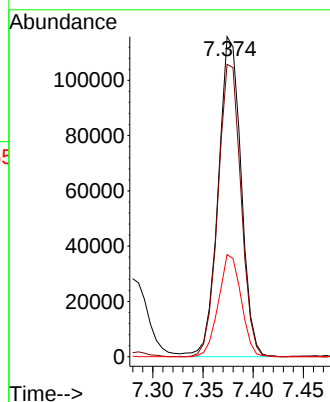
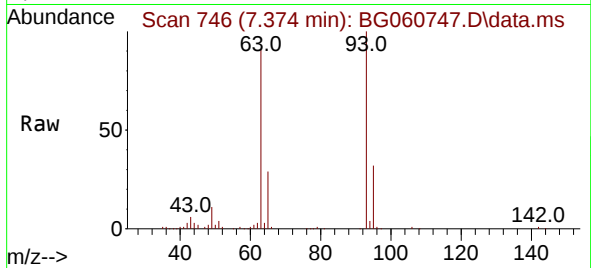
#11
bis(2-Chloroethyl)ether
Concen: 38.780 ng
RT: 7.374 min Scan# 748
Delta R.T. -0.012 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Instrument :
BNA_G
ClientSampleId :
72-11991MSD

Tgt Ion: 93 Resp: 183130
Ion Ratio Lower Upper
93 100
63 91.4 73.7 113.7
95 31.9 11.2 51.2

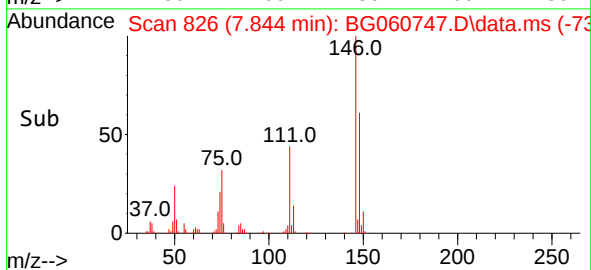
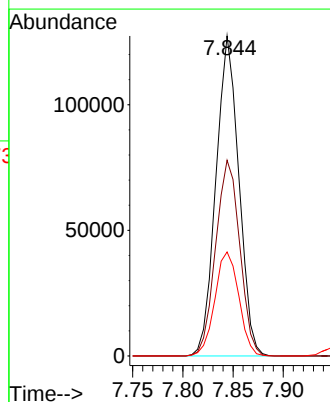
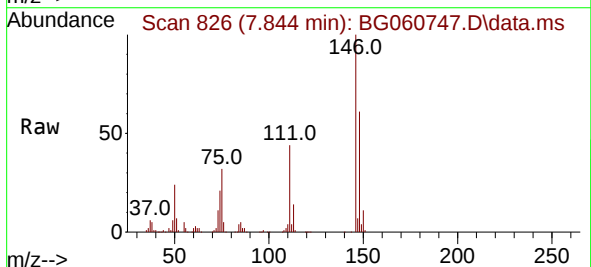
Manual Integrations
APPROVED

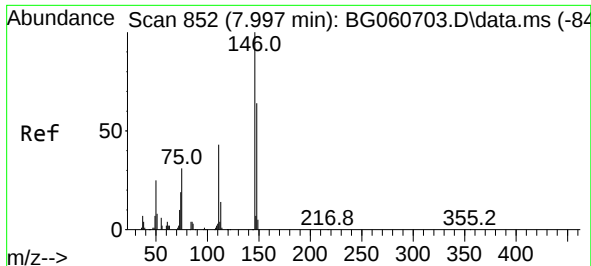
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#12
1,3-Dichlorobenzene
Concen: 44.378 ng
RT: 7.844 min Scan# 826
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Tgt Ion:146 Resp: 202012
Ion Ratio Lower Upper
146 100
148 61.1 53.0 79.4
75 32.5 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 44.768 ng

RT: 7.991 min Scan# 851

Delta R.T. -0.006 min

Lab File: BG060747.D

Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

Tgt Ion:146 Resp: 207908

Ion Ratio Lower Upper

146 100

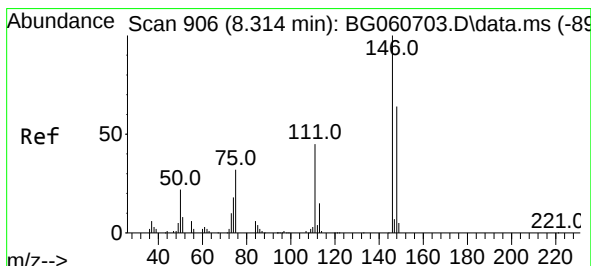
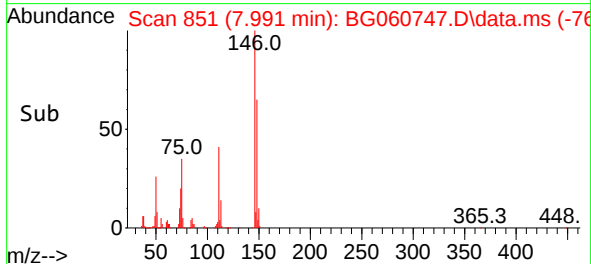
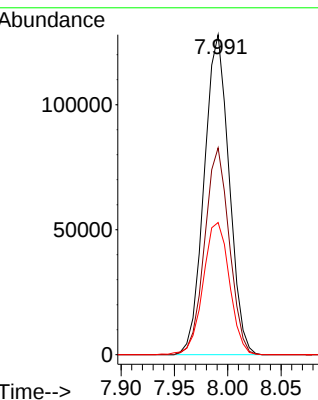
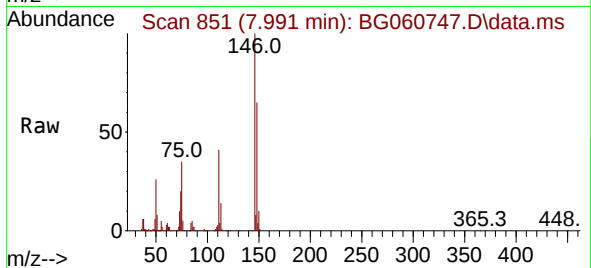
148 64.6 51.1 76.7

111 41.3 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#14

1,2-Dichlorobenzene

Concen: 44.338 ng

RT: 8.308 min Scan# 905

Delta R.T. -0.006 min

Lab File: BG060747.D

Acq: 2 Apr 2024 21:26

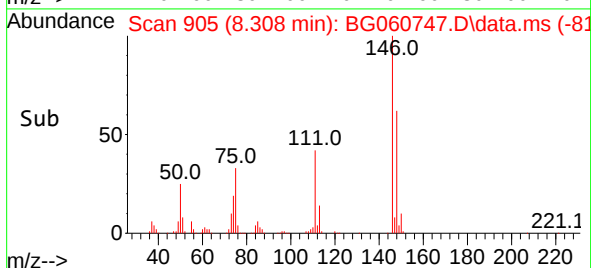
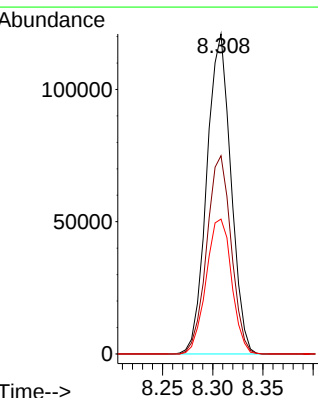
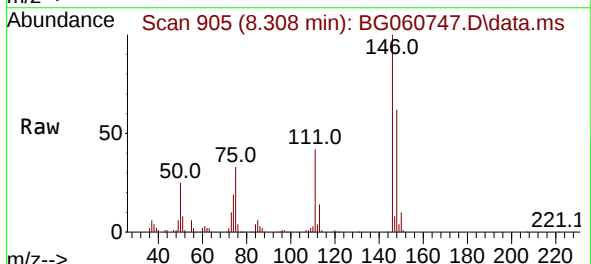
Tgt Ion:146 Resp: 201791

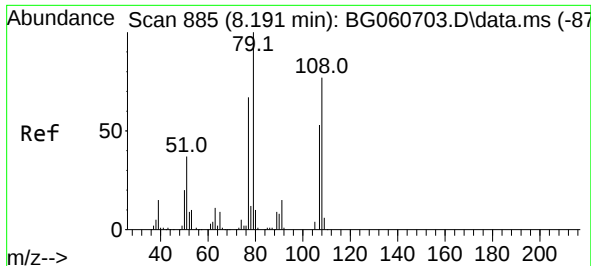
Ion Ratio Lower Upper

146 100

148 62.0 51.0 76.6

111 42.2 36.0 54.0





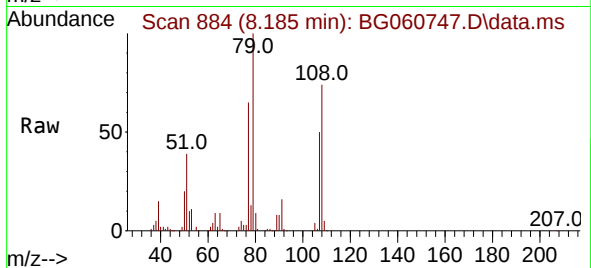
#15
Benzyl Alcohol
Concen: 38.308 ng
RT: 8.185 min Scan# 885
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

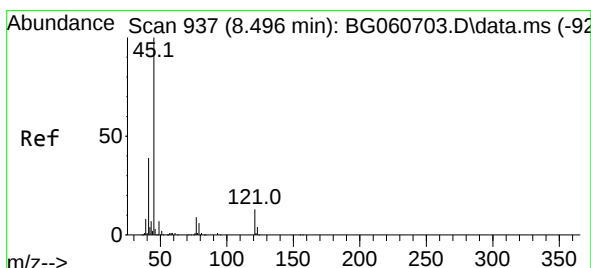
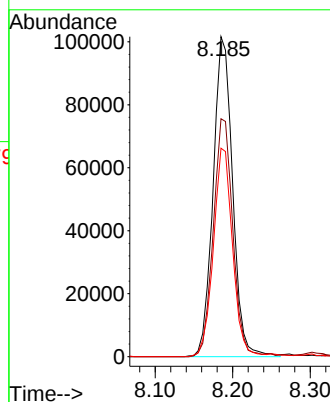
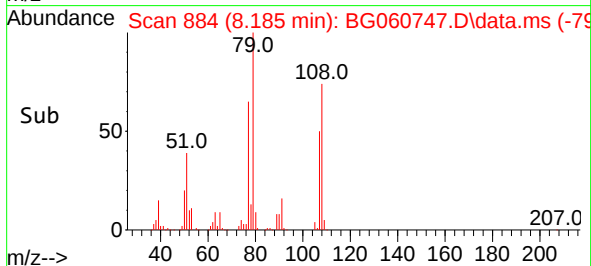


Tgt Ion: 79 Resp: 177849
Ion Ratio Lower Upper
79 100
108 74.4 61.4 92.0
77 65.1 53.6 80.4

Manual Integrations

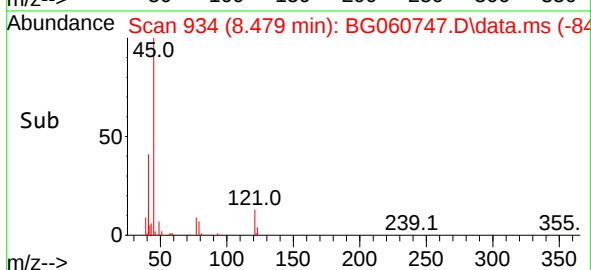
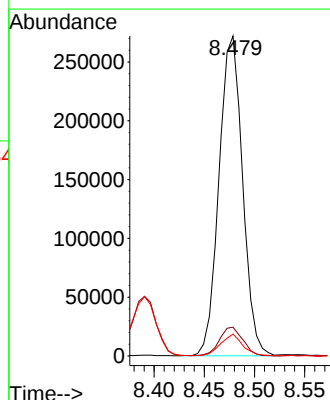
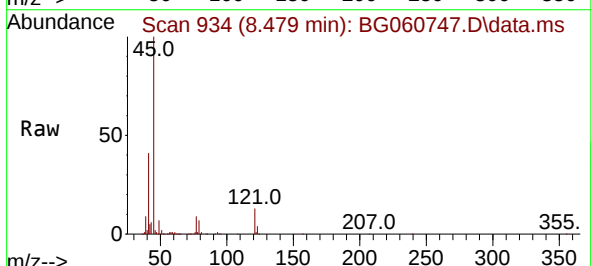
APPROVED

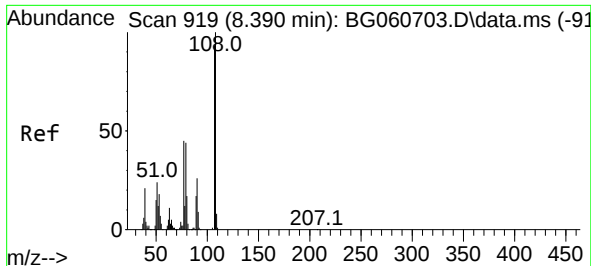
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.638 ng
RT: 8.479 min Scan# 934
Delta R.T. -0.018 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Tgt Ion: 45 Resp: 443760
Ion Ratio Lower Upper
45 100
77 9.0 0.0 29.1
79 6.9 0.0 26.5





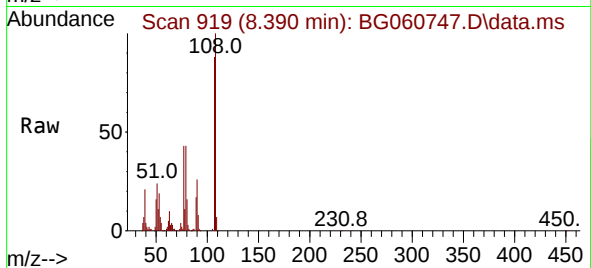
#17
2-Methylphenol
Concen: 39.539 ng
RT: 8.390 min Scan# 919
Delta R.T. 0.000 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

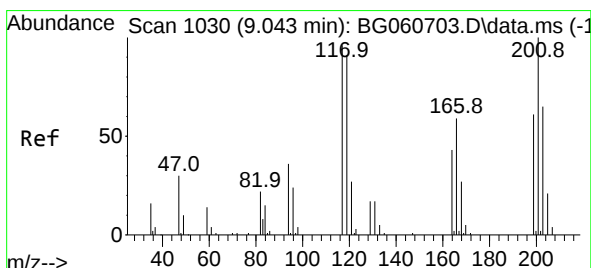
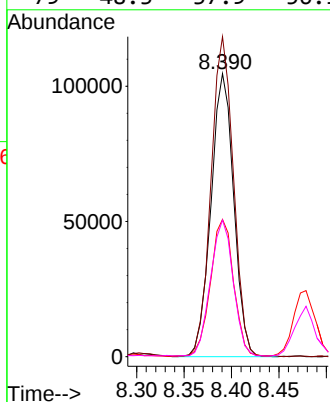
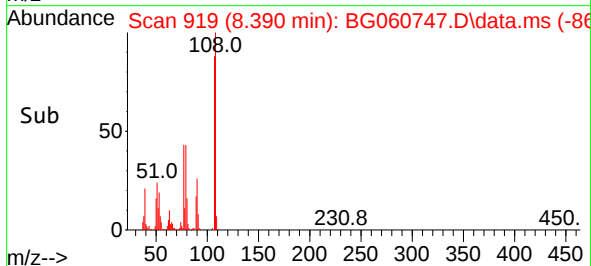


Tgt Ion:107 Resp: 174590
Ion Ratio Lower Upper
107 100
108 113.0 86.4 129.6
77 48.5 38.6 58.0
79 48.3 37.9 56.9

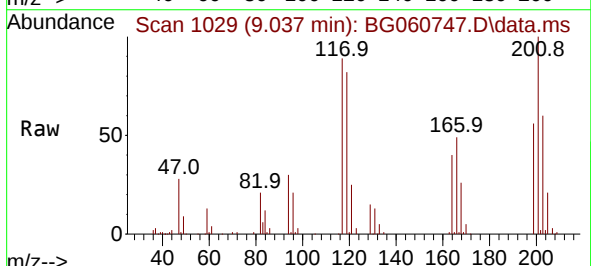
Manual Integrations

APPROVED

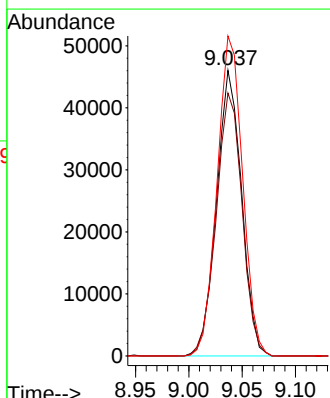
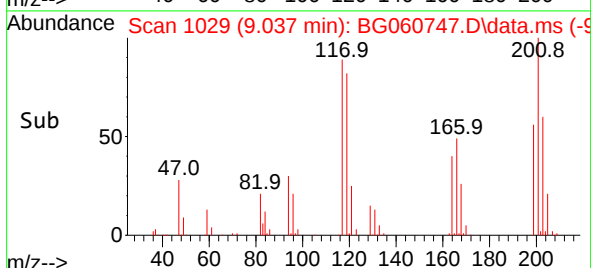
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

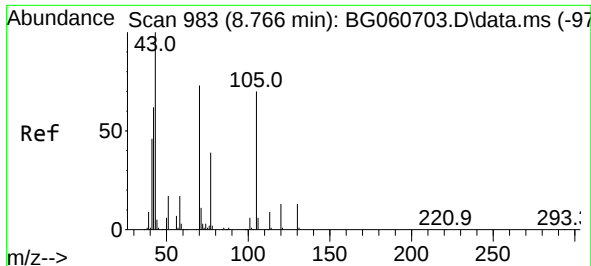


#18
Hexachloroethane
Concen: 45.680 ng
RT: 9.037 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26



Tgt Ion:117 Resp: 75346
Ion Ratio Lower Upper
117 100
119 92.0 75.7 113.5
201 112.0 83.4 125.2





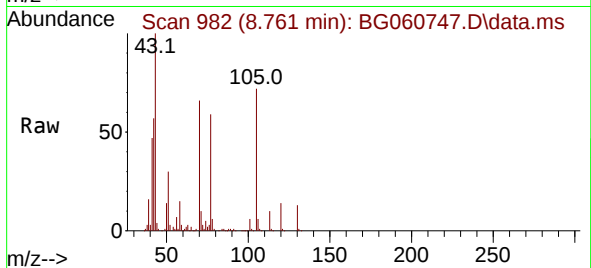
#19
n-Nitroso-di-n-propylamine
Concen: 38.667 ng
RT: 8.761 min Scan# 982
Delta R.T. -0.005 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

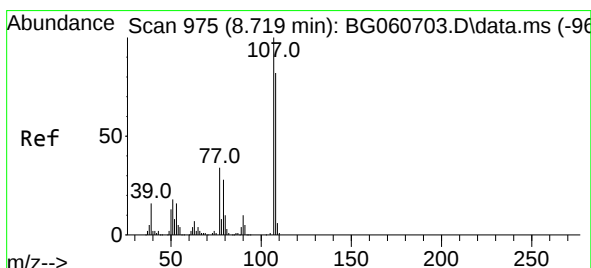
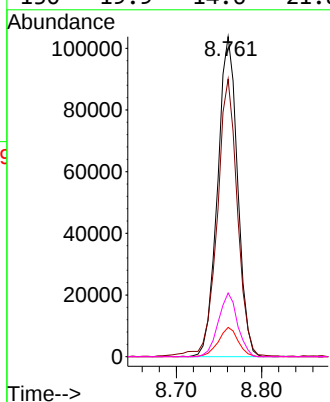
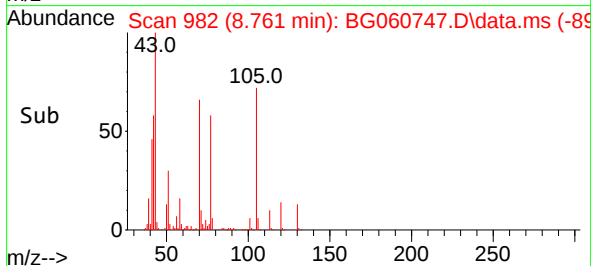


Tgt Ion: 70 Resp: 169000
Ion Ratio Lower Upper
70 100
42 86.8 68.4 102.6
101 9.1 6.1 9.1
130 19.9 14.6 21.8

Manual Integrations

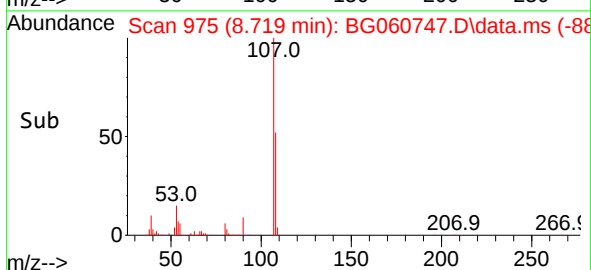
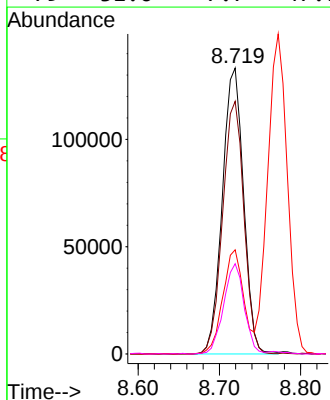
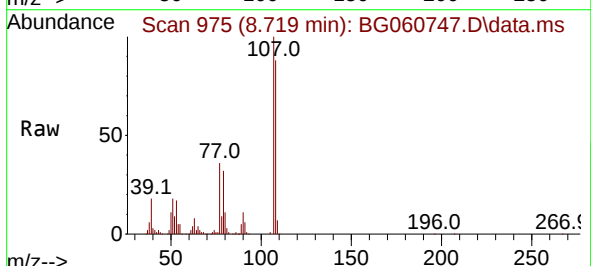
APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#20
3+4-Methylphenols
Concen: 40.065 ng
RT: 8.719 min Scan# 975
Delta R.T. 0.000 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Tgt Ion:107 Resp: 242259
Ion Ratio Lower Upper
107 100
108 88.3 62.2 102.2
77 36.4 14.1 54.1
79 31.6 7.7 47.7





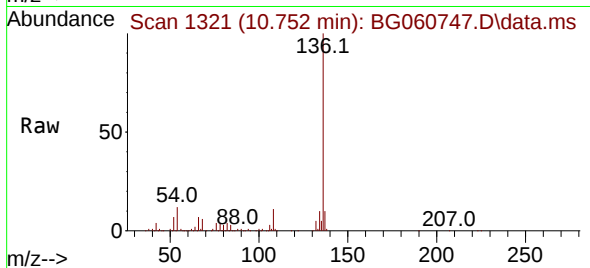
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

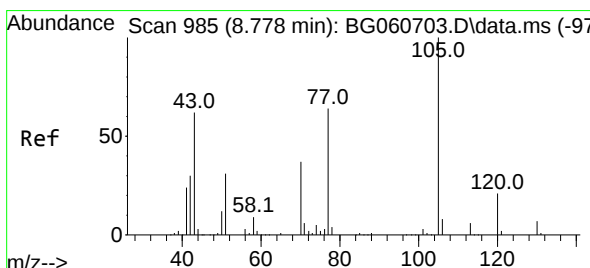
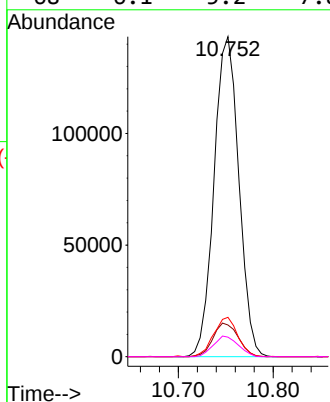
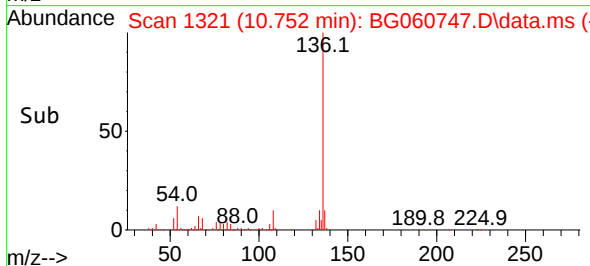


Tgt Ion:136 Resp: 260224
Ion Ratio Lower Upper
136 100
137 9.9 8.8 13.2
54 12.3 10.2 15.2
68 6.1 5.2 7.8

Manual Integrations

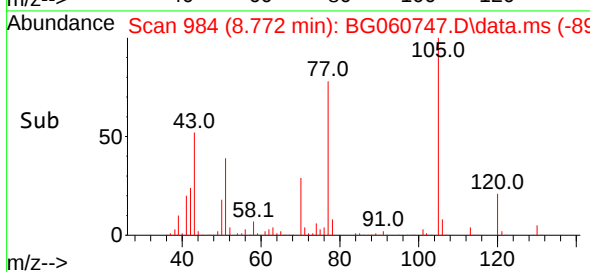
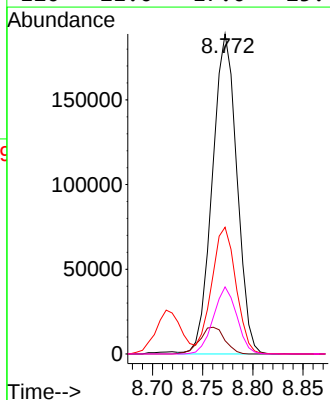
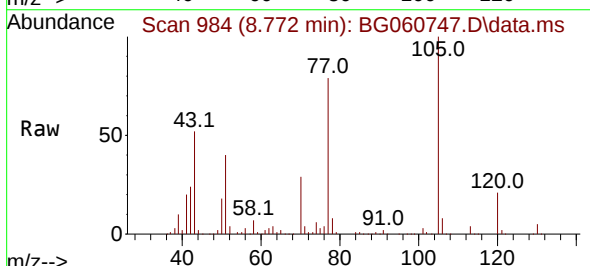
APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#22
Acetophenone
Concen: 44.700 ng
RT: 8.772 min Scan# 984
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Tgt Ion:105 Resp: 320739
Ion Ratio Lower Upper
105 100
71 4.2 4.9 7.3#
51 39.6 31.1 46.7
120 21.0 17.0 25.4





#23
Nitrobenzene-d5
Concen: 98.746 ng
RT: 9.107 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

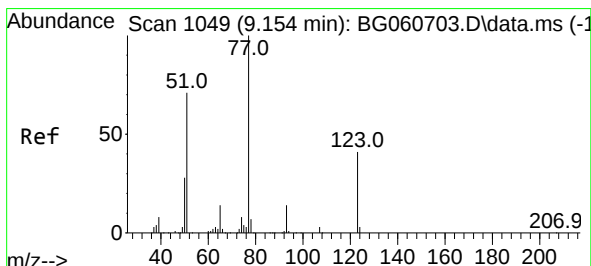
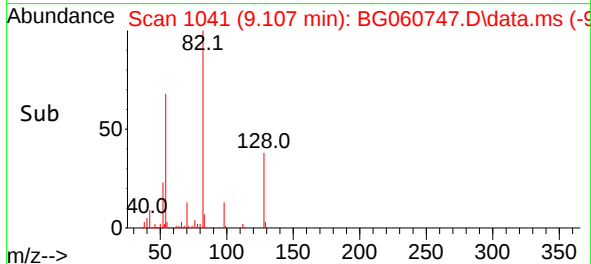
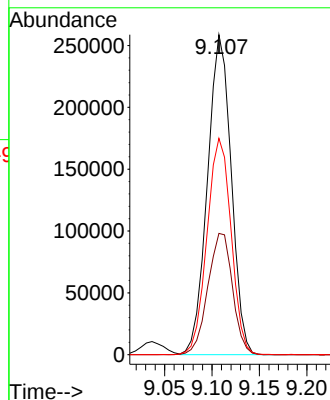
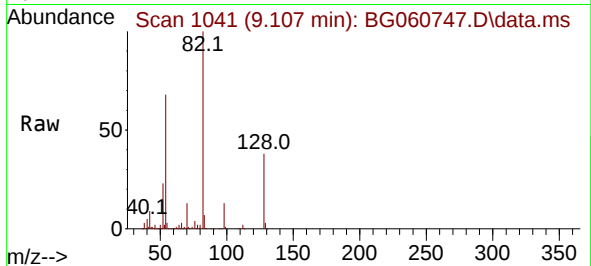
72-11991MSD

Tgt Ion: 82 Resp: 45032
Ion Ratio Lower Upper
82 100
128 37.9 31.2 46.8
54 67.6 53.2 79.8

Manual Integrations

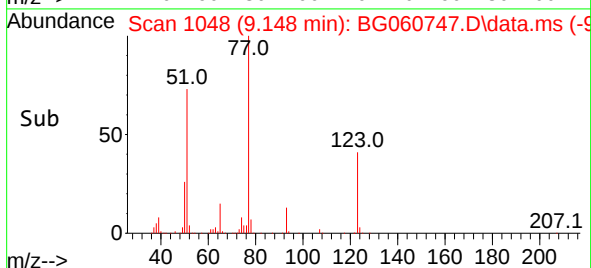
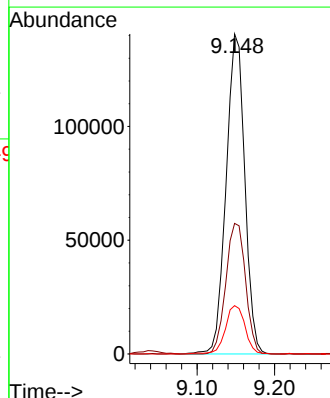
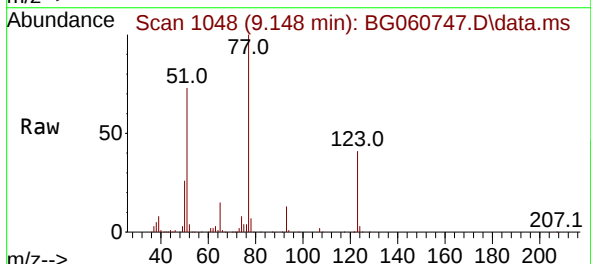
APPROVED

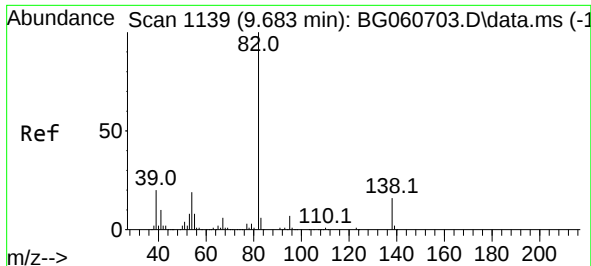
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#24
Nitrobenzene
Concen: 46.522 ng
RT: 9.148 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Tgt Ion: 77 Resp: 235699
Ion Ratio Lower Upper
77 100
123 40.8 32.7 49.1
65 15.1 11.3 16.9





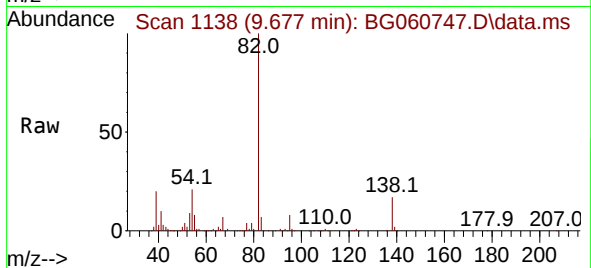
#25
Isophorone
Concen: 41.269 ng
RT: 9.677 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

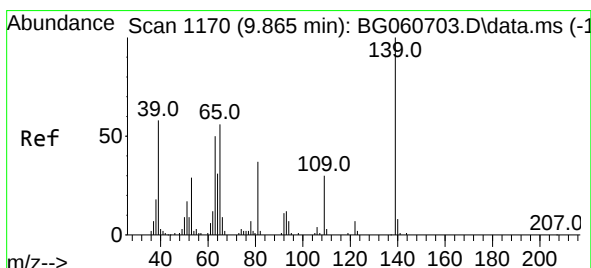
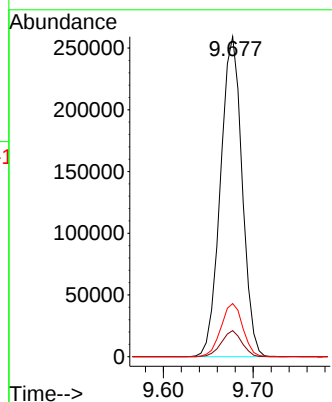
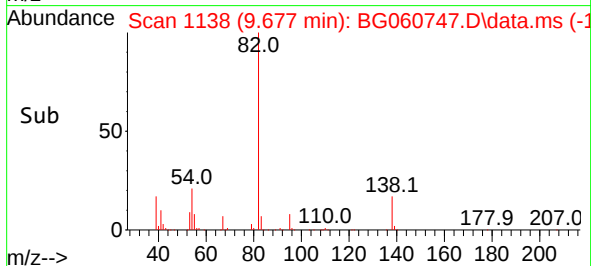


Tgt Ion: 82 Resp: 43348
Ion Ratio Lower Upper
82 100
95 8.1 5.8 8.8
138 16.6 13.0 19.4

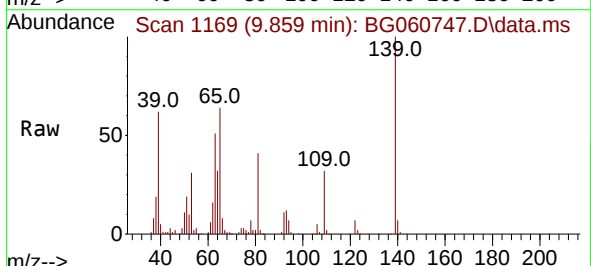
Manual Integrations

APPROVED

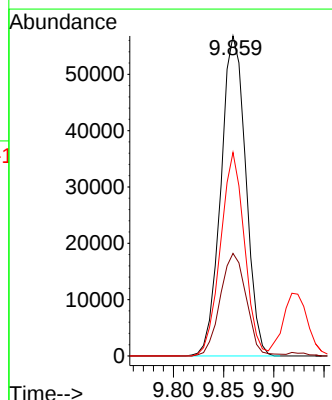
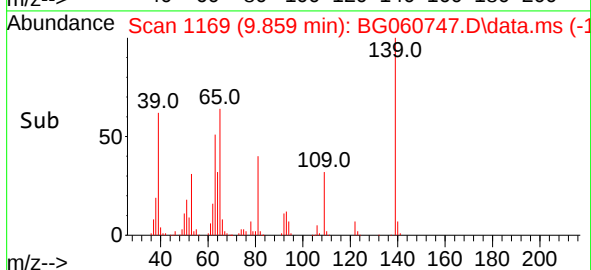
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

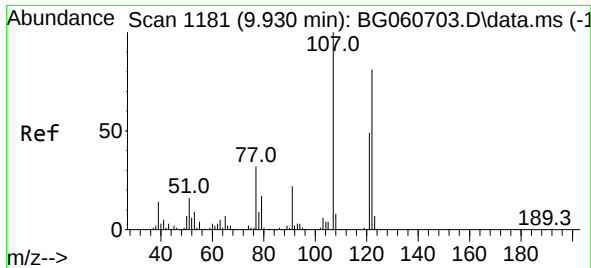


#26
2-Nitrophenol
Concen: 53.698 ng
RT: 9.859 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26



Tgt Ion:139 Resp: 97805
Ion Ratio Lower Upper
139 100
109 32.1 23.9 35.9
65 63.6 44.5 66.7





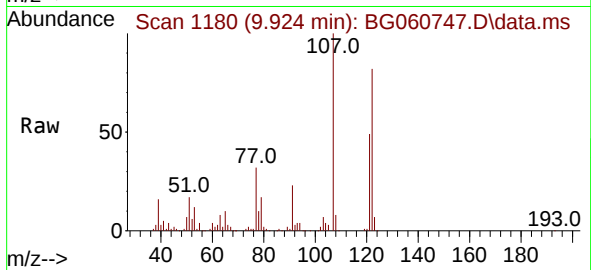
#27
2,4-Dimethylphenol
Concen: 36.234 ng
RT: 9.924 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

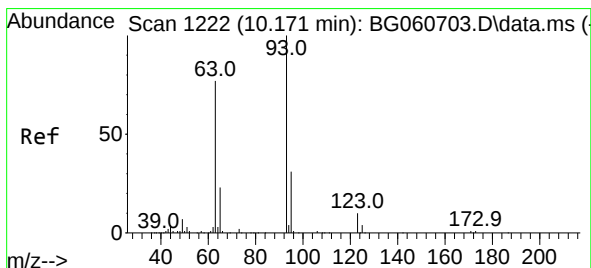
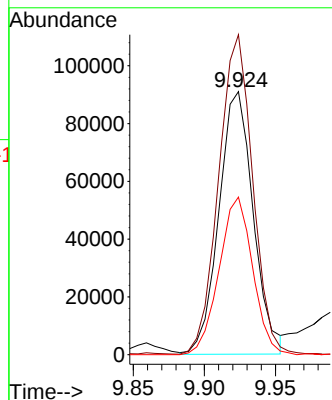
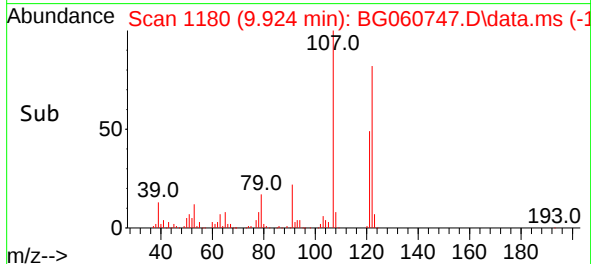


Tgt Ion:122 Resp: 15288
Ion Ratio Lower Upper
122 100
107 121.6 98.6 147.8
121 59.9 48.1 72.1

Manual Integrations

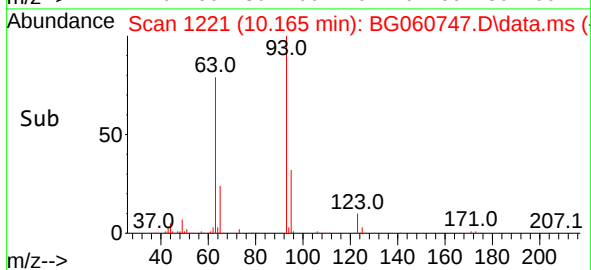
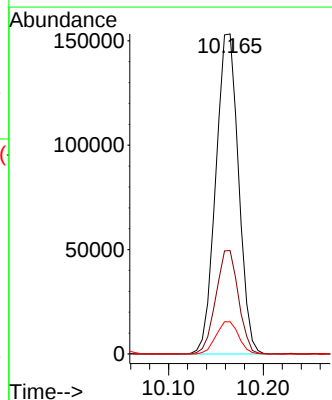
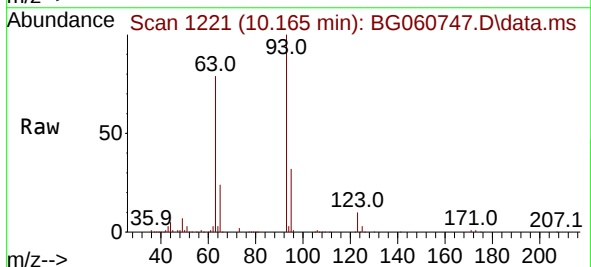
APPROVED

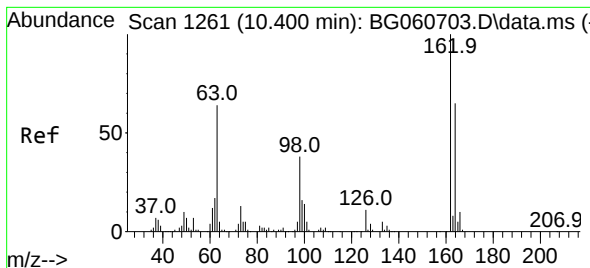
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#28
bis(2-Chloroethoxy)methane
Concen: 41.252 ng
RT: 10.165 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Tgt Ion: 93 Resp: 255816
Ion Ratio Lower Upper
93 100
95 32.3 25.1 37.7
123 10.1 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 51.053 ng

RT: 10.394 min Scan# 1260

Delta R.T. -0.006 min

Lab File: BG060747.D

Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

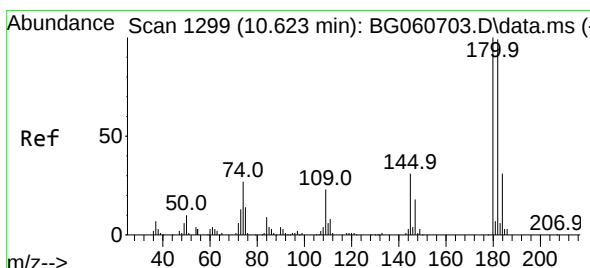
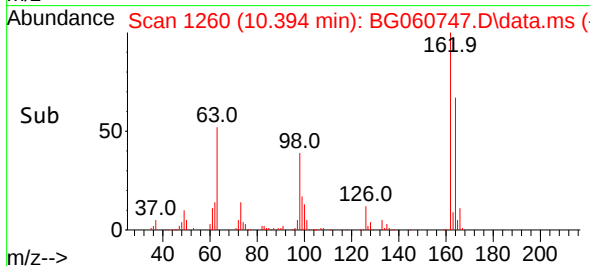
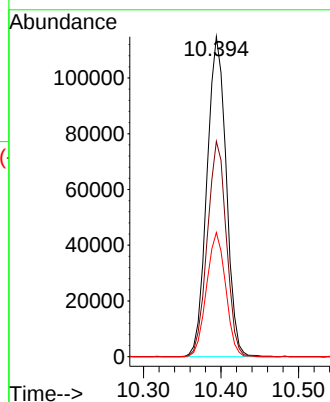
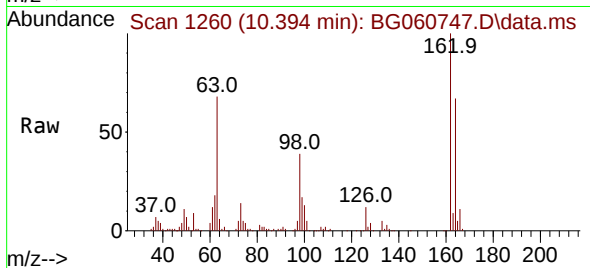
Tgt Ion:162 Resp: 19781

Ion	Ratio	Lower	Upper
162	100		
164	67.3	45.2	85.2
98	38.8	17.7	57.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#30

1,2,4-Trichlorobenzene

Concen: 46.610 ng

RT: 10.611 min Scan# 1297

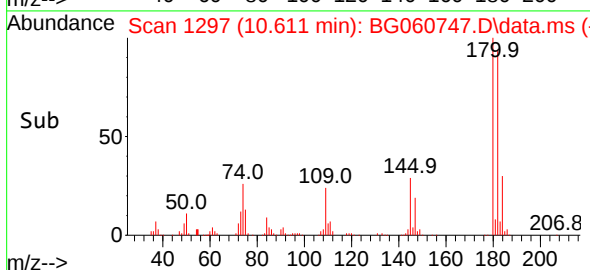
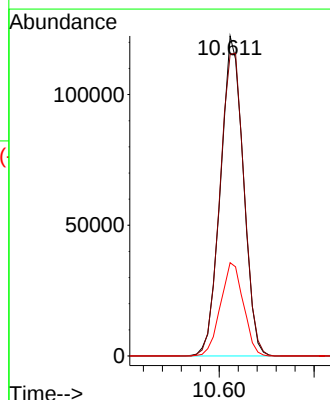
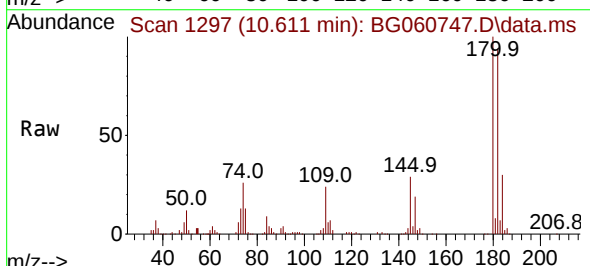
Delta R.T. -0.012 min

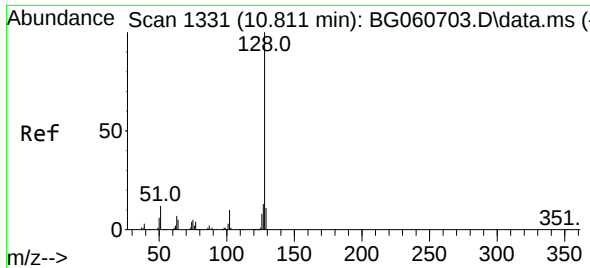
Lab File: BG060747.D

Acq: 2 Apr 2024 21:26

Tgt Ion:180 Resp: 204499

Ion	Ratio	Lower	Upper
180	100		
182	94.2	79.0	118.4
145	29.1	24.9	37.3





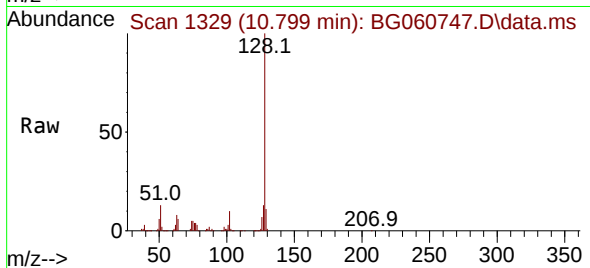
#31
Naphthalene
Concen: 43.475 ng
RT: 10.799 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

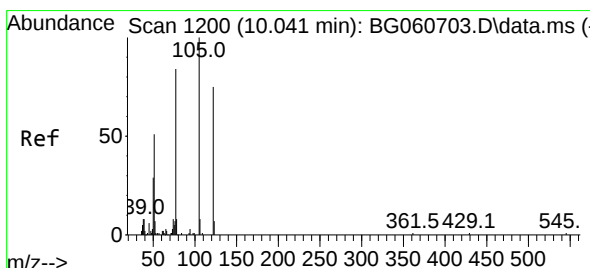
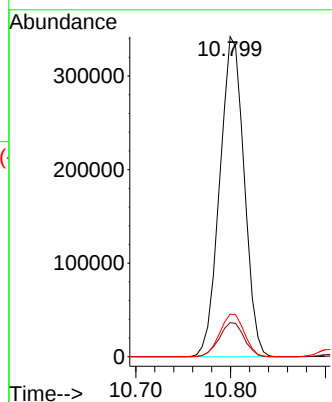
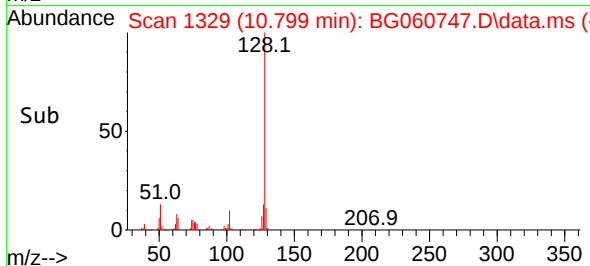


Tgt Ion:128 Resp: 611980
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 13.3 10.5 15.7

Manual Integrations

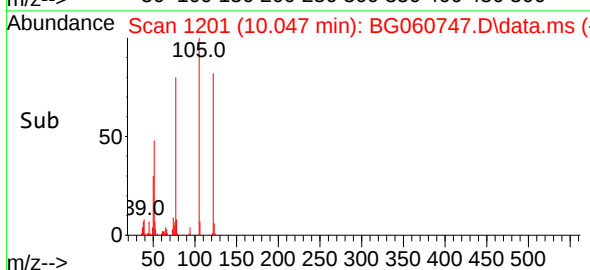
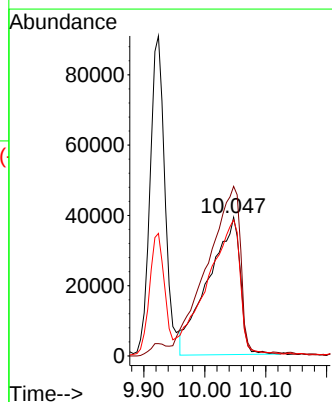
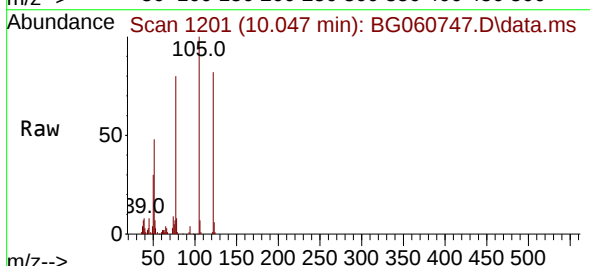
APPROVED

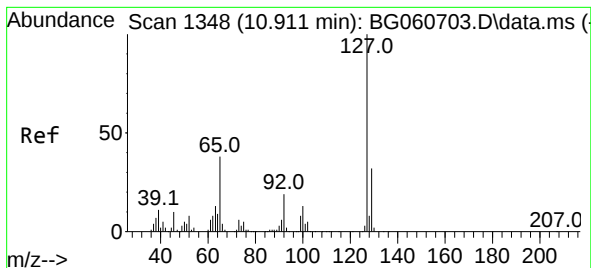
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#32
Benzoic acid
Concen: 49.881 ng
RT: 10.047 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Tgt Ion:122 Resp: 140908
Ion Ratio Lower Upper
122 100
105 122.5 104.5 144.5
77 98.3 85.3 125.3





#33
4-Chloroaniline
Concen: 2.338 ng
RT: 10.905 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

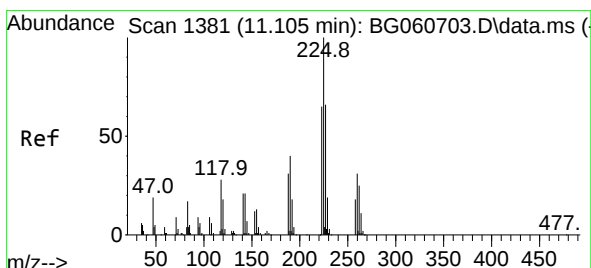
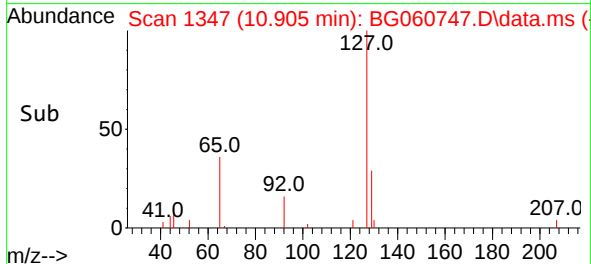
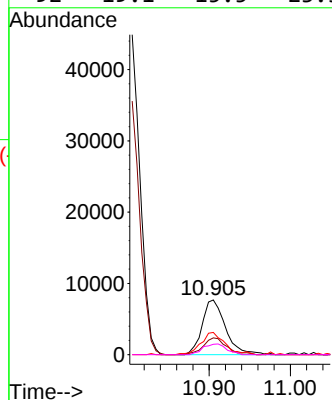
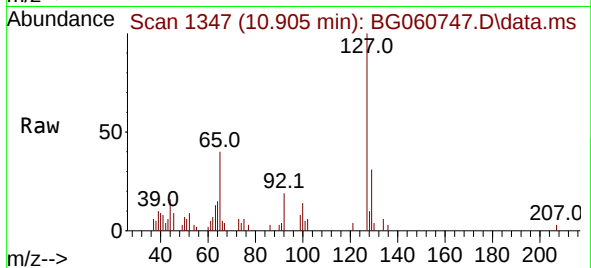
72-11991MSD

Tgt Ion:127 Resp: 1528
Ion Ratio Lower Upper
127 100
129 30.8 25.3 37.9
65 40.5 30.2 45.2
92 19.1 15.5 23.3

Manual Integrations

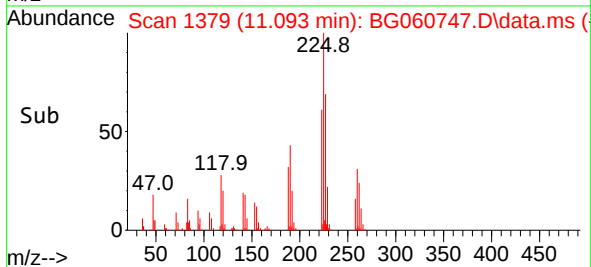
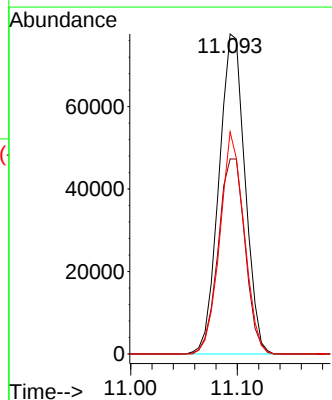
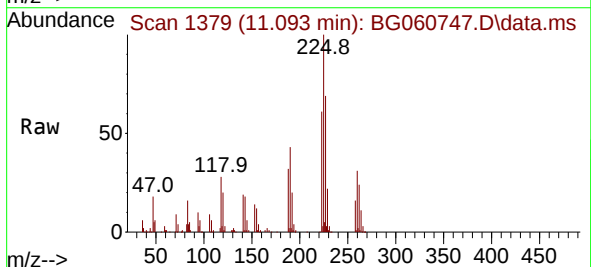
APPROVED

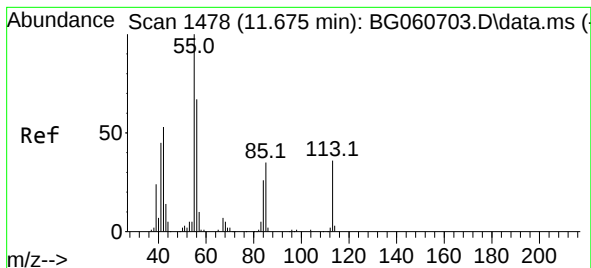
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#34
Hexachlorobutadiene
Concen: 44.941 ng
RT: 11.093 min Scan# 1379
Delta R.T. -0.012 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

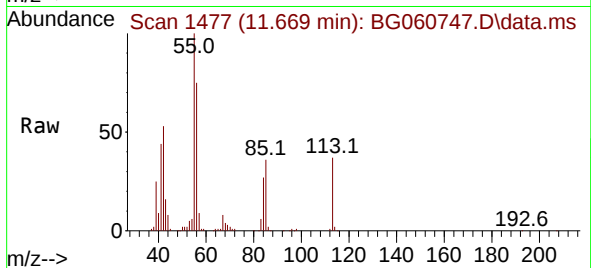
Tgt Ion:225 Resp: 131409
Ion Ratio Lower Upper
225 100
223 61.0 52.0 78.0
227 69.4 52.5 78.7





#35
Caprolactam
Concen: 44.867 ng m
RT: 11.669 min Scan# 1478
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

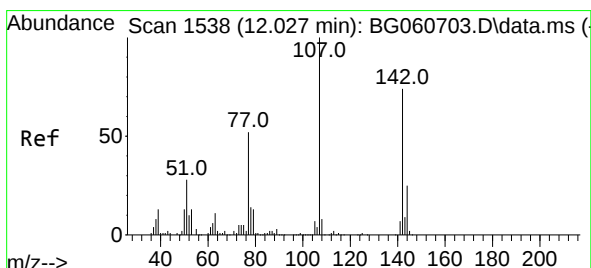
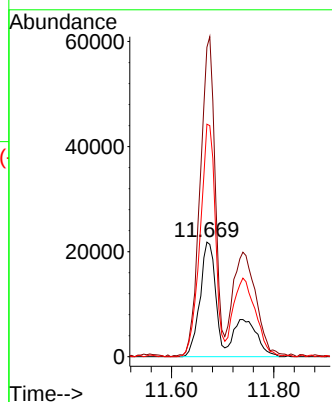
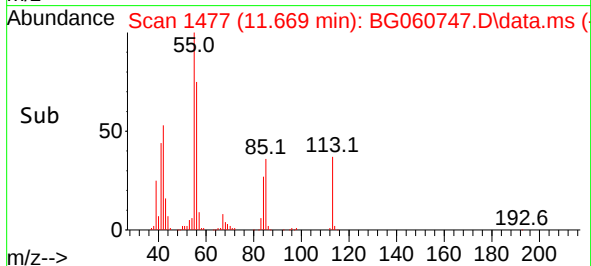
Instrument :
BNA_G
ClientSampleId :
72-11991MSD



Tgt Ion:113 Resp: 68852
Ion Ratio Lower Upper
113 100
55 270.2 258.0 298.0
56 203.0 166.3 206.3

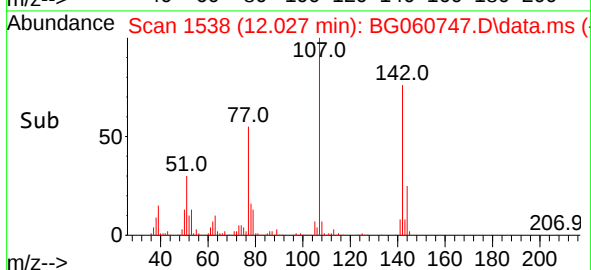
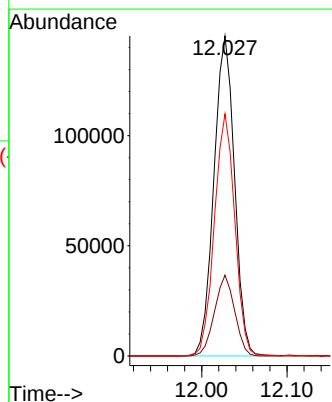
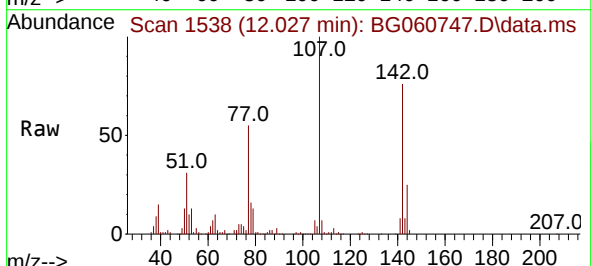
Manual Integrations
APPROVED

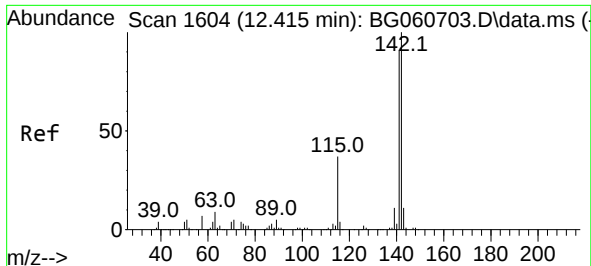
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#36
4-Chloro-3-methylphenol
Concen: 49.245 ng
RT: 12.027 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Tgt Ion:107 Resp: 243750
Ion Ratio Lower Upper
107 100
144 25.2 20.0 30.0
142 75.6 59.2 88.8





#37
2-Methylnaphthalene
Concen: 42.925 ng
RT: 12.409 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

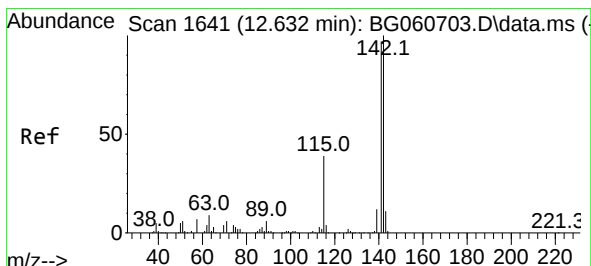
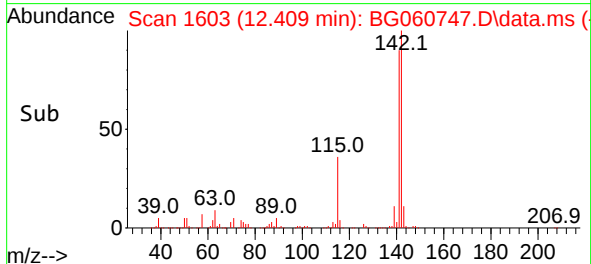
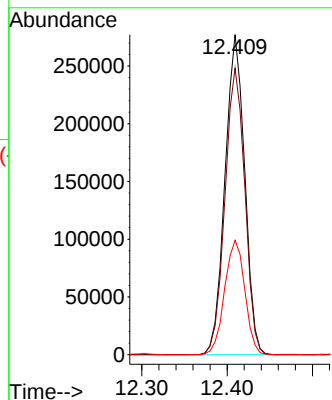
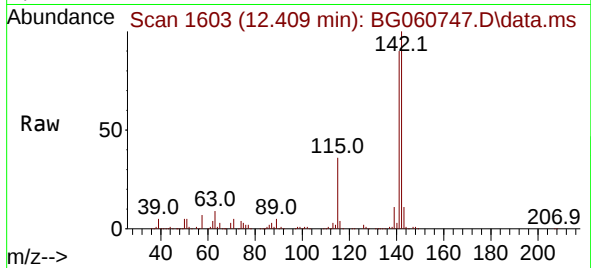
72-11991MSD

Tgt Ion:142 Resp: 444230
Ion Ratio Lower Upper
142 100
141 89.5 72.7 109.1
115 35.7 29.9 44.9

Manual Integrations

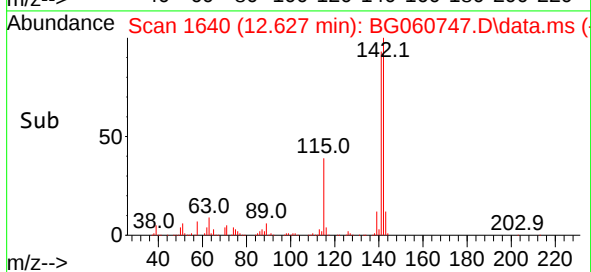
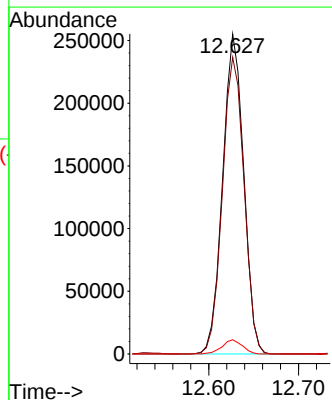
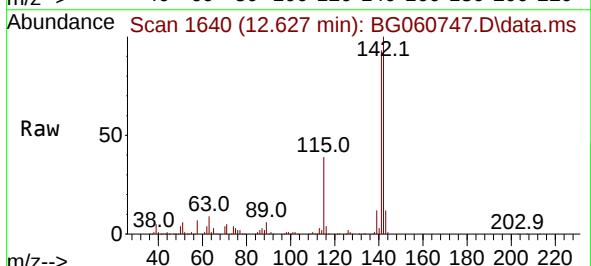
APPROVED

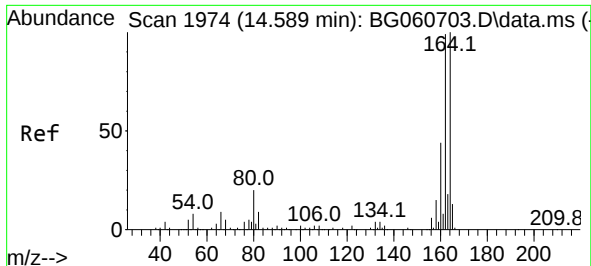
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#38
1-Methylnaphthalene
Concen: 42.425 ng
RT: 12.627 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Tgt Ion:142 Resp: 414779
Ion Ratio Lower Upper
142 100
141 92.7 77.7 116.5
116 4.4 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

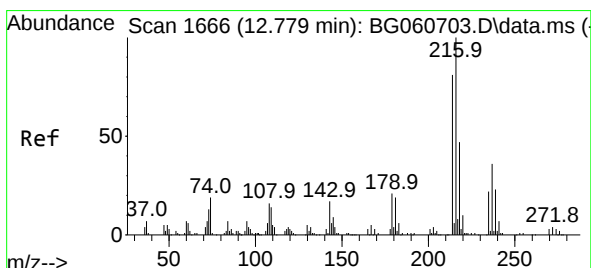
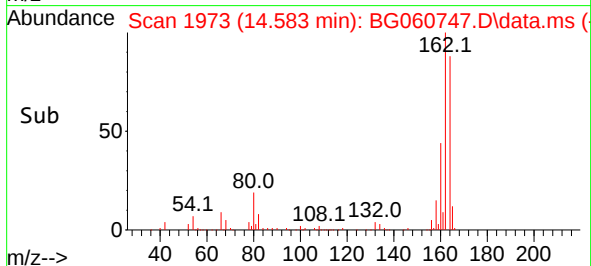
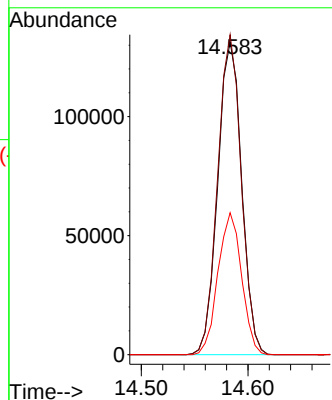
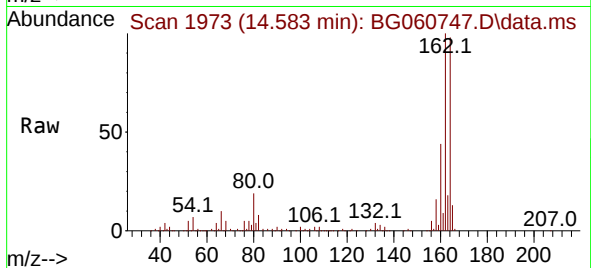
72-11991MSD

Tgt Ion:164 Resp: 20459
Ion Ratio Lower Upper
164 100
162 102.3 79.5 119.3
160 45.4 35.4 53.0

Manual Integrations

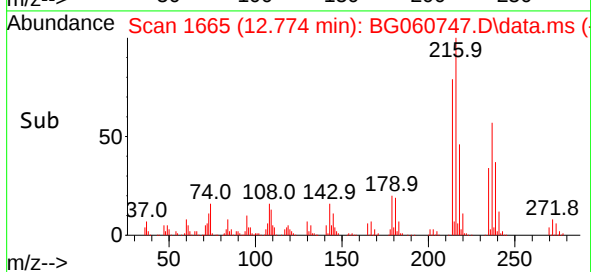
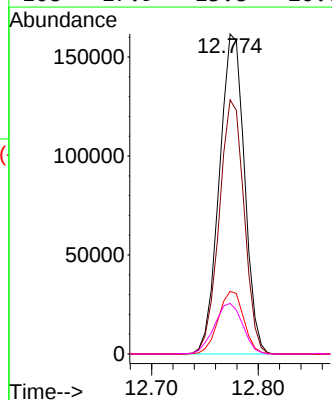
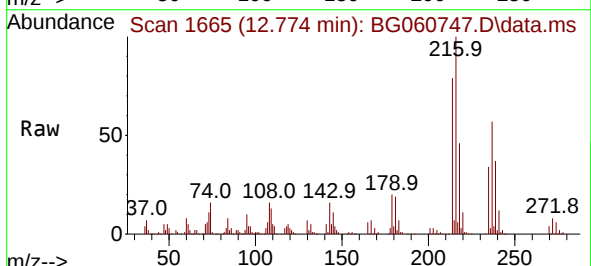
APPROVED

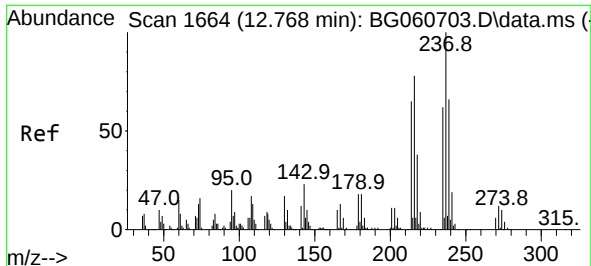
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.009 ng
RT: 12.774 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Tgt Ion:216 Resp: 264737
Ion Ratio Lower Upper
216 100
214 78.6 63.1 94.7
179 19.8 16.7 25.1
108 17.9 13.8 20.6





#41
Hexachlorocyclopentadiene
Concen: 92.422 ng
RT: 12.762 min Scan# 10
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

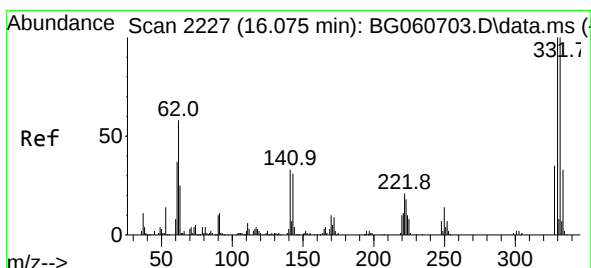
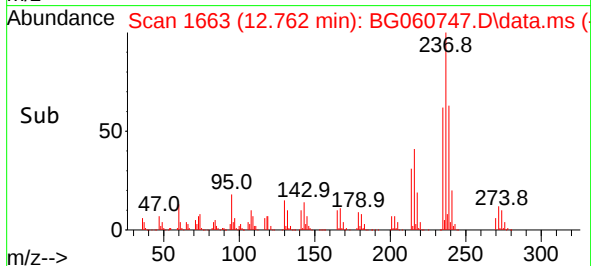
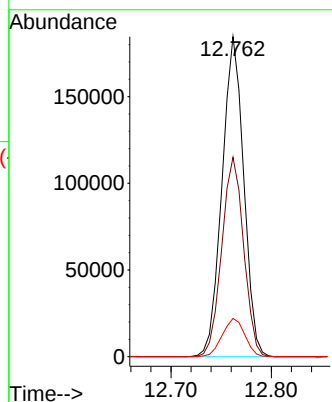
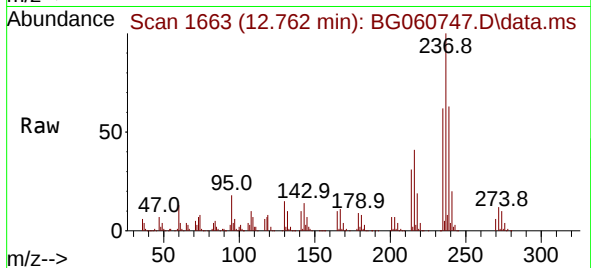
72-11991MSD

Tgt Ion:237 Resp: 276415
Ion Ratio Lower Upper
237 100
235 62.3 42.0 82.0
272 12.0 0.0 32.4

Manual Integrations

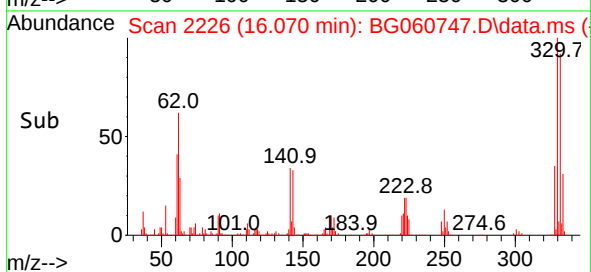
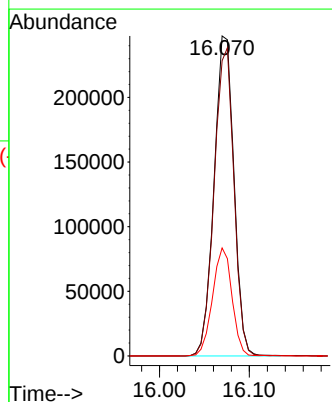
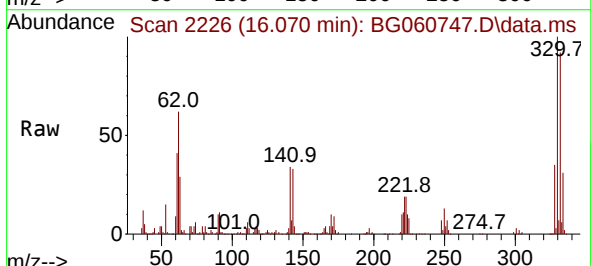
APPROVED

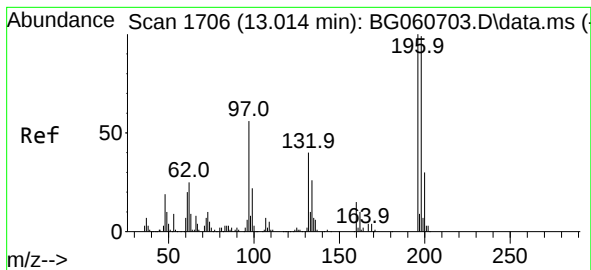
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#42
2,4,6-Tribromophenol
Concen: 163.910 ng
RT: 16.070 min Scan# 2226
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

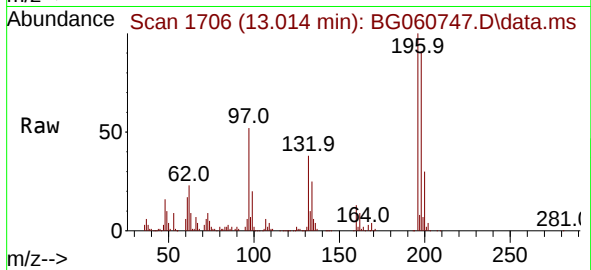
Tgt Ion:330 Resp: 380678
Ion Ratio Lower Upper
330 100
332 95.8 78.2 117.4
141 33.1 27.0 40.6





#43
2,4,6-Trichlorophenol
Concen: 50.891 ng
RT: 13.014 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

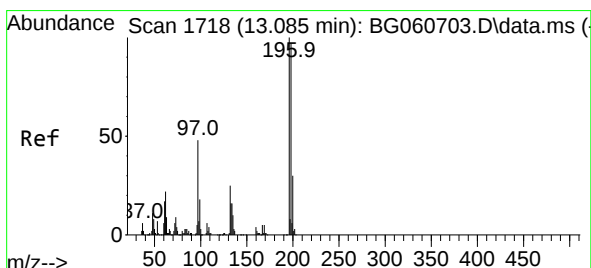
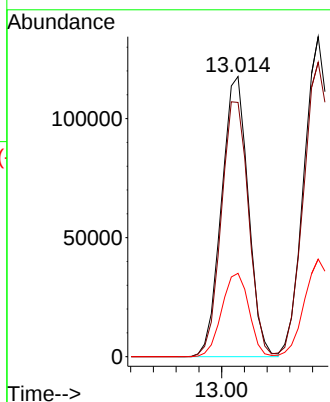
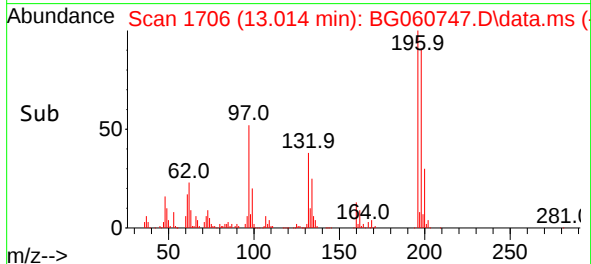
Instrument :
BNA_G
ClientSampleId :
72-11991MSD



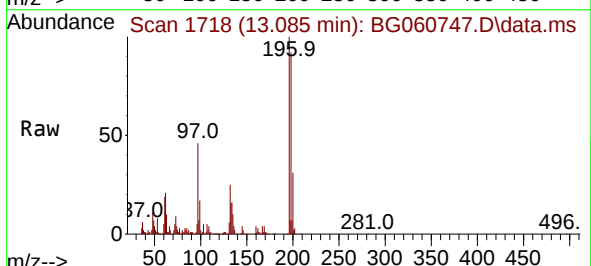
Tgt Ion:196 Resp: 192744
Ion Ratio Lower Upper
196 100
198 90.7 79.1 118.7
200 29.8 24.0 36.0

Manual Integrations
APPROVED

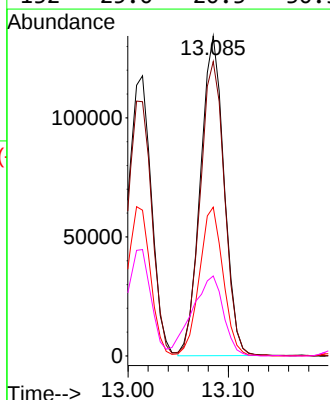
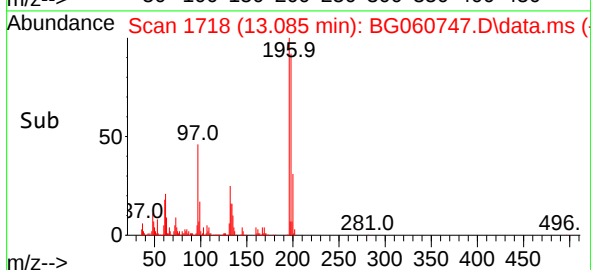
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

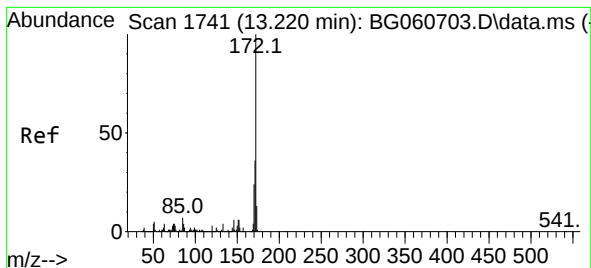


#44
2,4,5-Trichlorophenol
Concen: 48.706 ng
RT: 13.085 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26



Tgt Ion:196 Resp: 220143
Ion Ratio Lower Upper
196 100
198 92.0 77.8 116.8
97 46.5 38.2 57.4
132 25.0 20.3 30.5





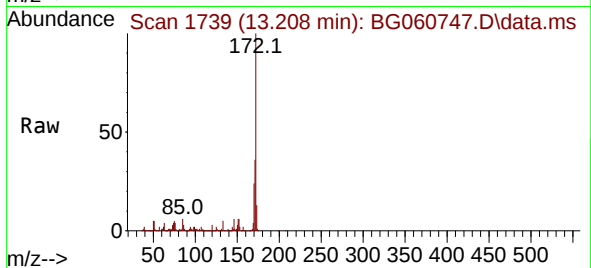
#45
2-Fluorobiphenyl
Concen: 78.177 ng
RT: 13.208 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

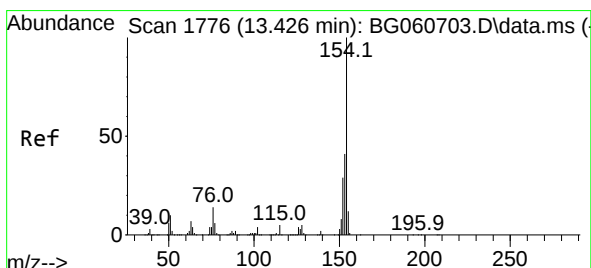
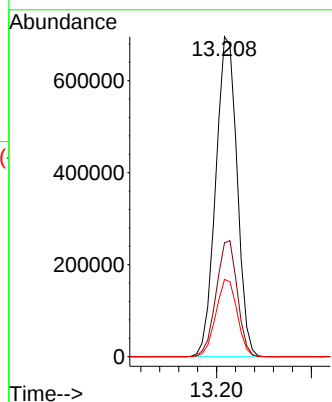
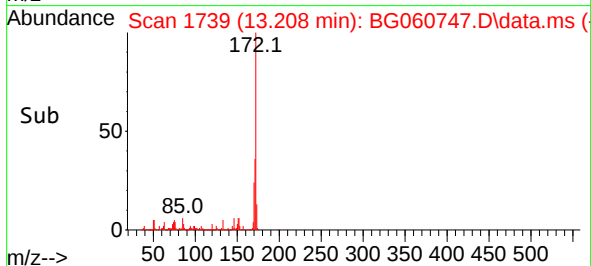


Tgt Ion:172 Resp: 108983
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 24.2 19.4 29.0

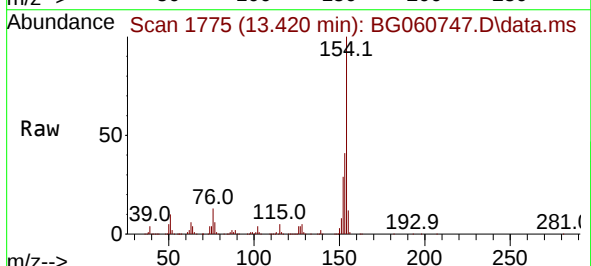
Manual Integrations

APPROVED

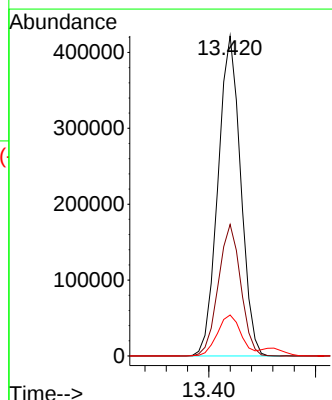
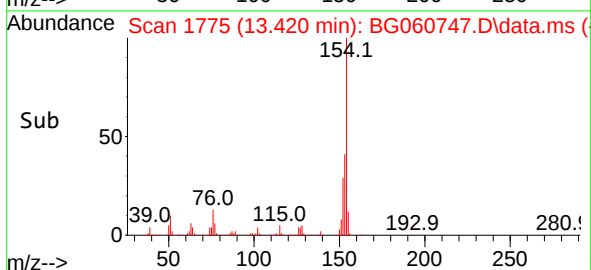
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

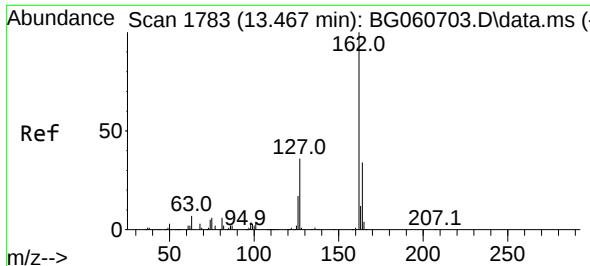


#46
1,1'-Biphenyl
Concen: 42.980 ng
RT: 13.420 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26



Tgt Ion:154 Resp: 621115
Ion Ratio Lower Upper
154 100
153 41.1 20.8 60.8
76 12.8 0.0 33.9





#47
2-Chloronaphthalene
Concen: 44.986 ng
RT: 13.461 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

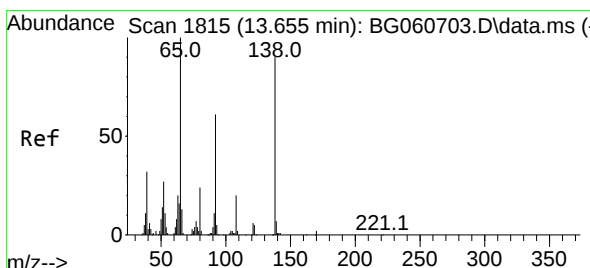
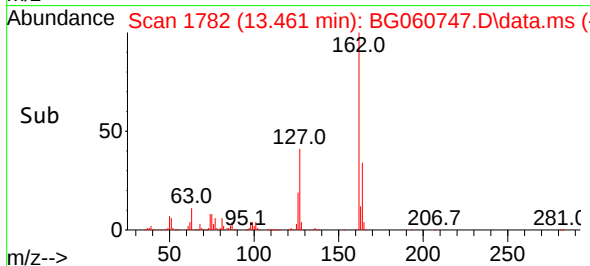
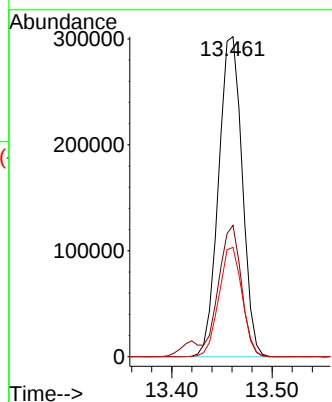
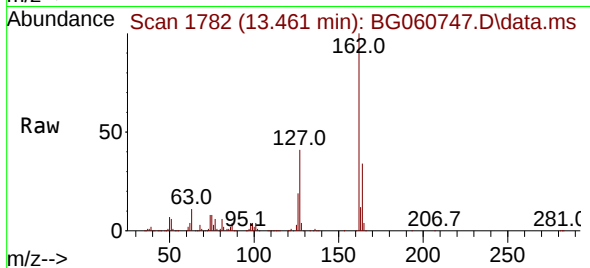
72-11991MSD

Tgt Ion:162 Resp: 49393
Ion Ratio Lower Upper
162 100
127 41.0 30.6 46.0
164 34.1 26.9 40.3

Manual Integrations

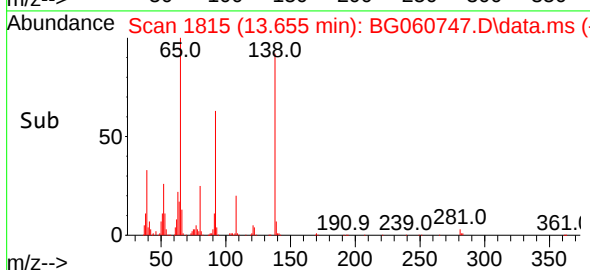
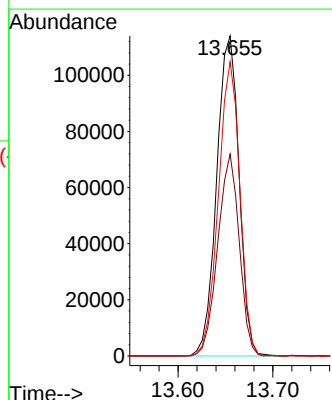
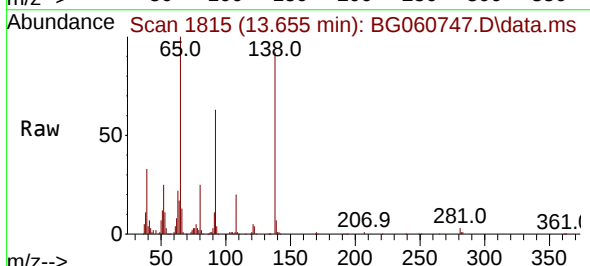
APPROVED

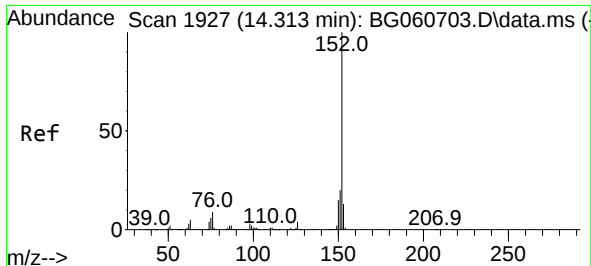
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#48
2-Nitroaniline
Concen: 51.795 ng
RT: 13.655 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Tgt Ion: 65 Resp: 186911
Ion Ratio Lower Upper
65 100
92 63.1 48.6 72.8
138 91.9 72.2 108.4





#49
Acenaphthylene
Concen: 47.325 ng
RT: 14.307 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

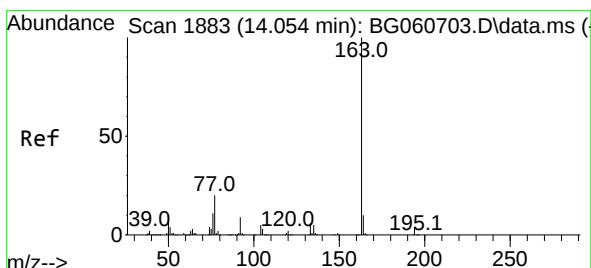
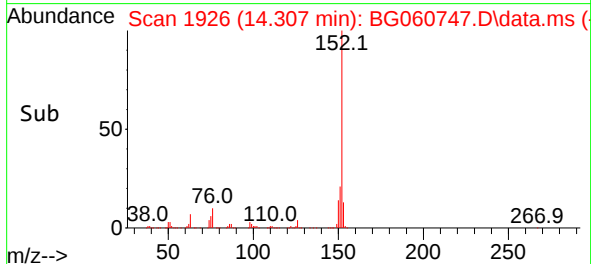
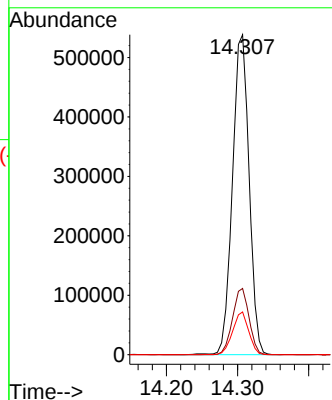
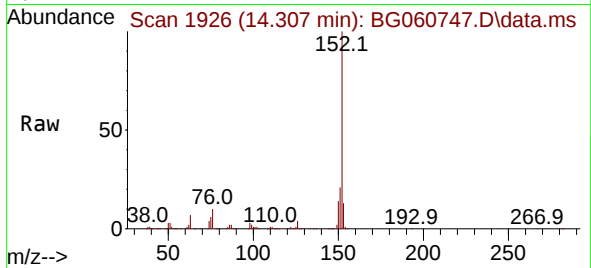
72-11991MSD

Tgt Ion:152 Resp: 873084
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 13.3 10.5 15.7

Manual Integrations

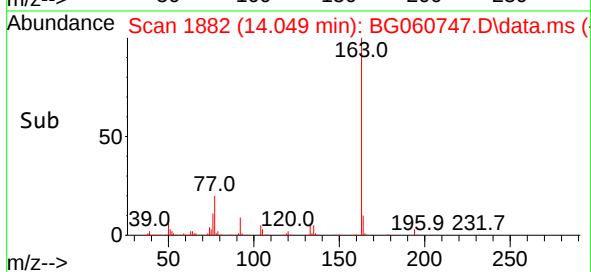
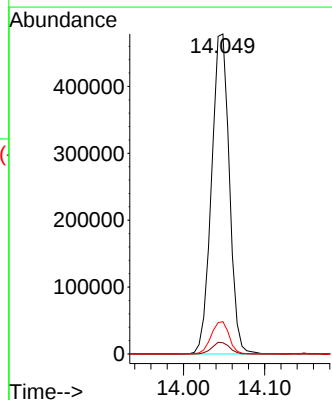
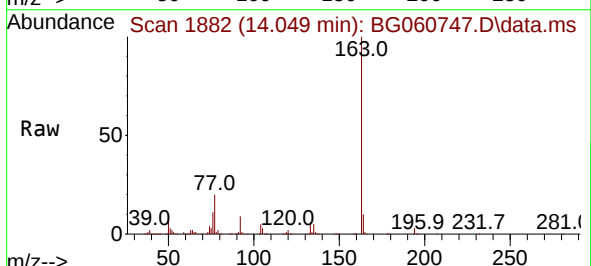
APPROVED

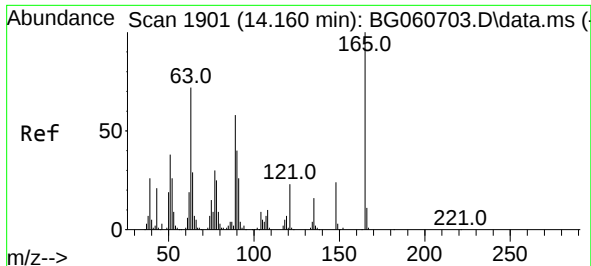
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#50
Dimethylphthalate
Concen: 44.974 ng
RT: 14.049 min Scan# 1882
Delta R.T. -0.005 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Tgt Ion:163 Resp: 727297
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 10.1 7.9 11.9





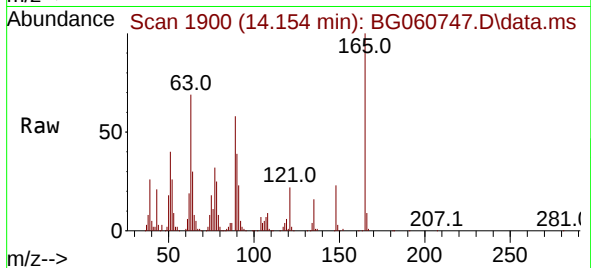
#51
2,6-Dinitrotoluene
Concen: 50.551 ng
RT: 14.154 min Scan# 1900
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

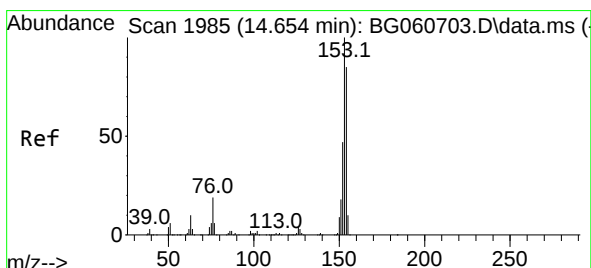
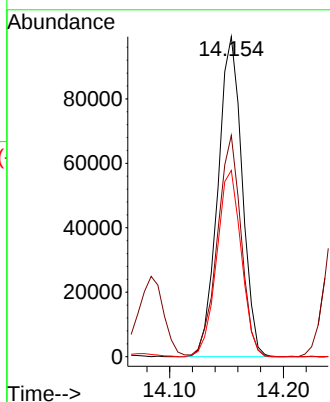
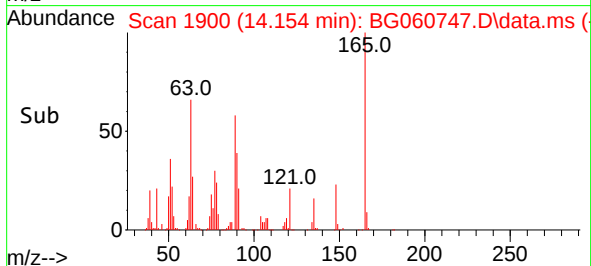


Tgt Ion:165 Resp: 146945
Ion Ratio Lower Upper
165 100
63 69.2 58.2 87.4
89 58.2 46.1 69.1

Manual Integrations

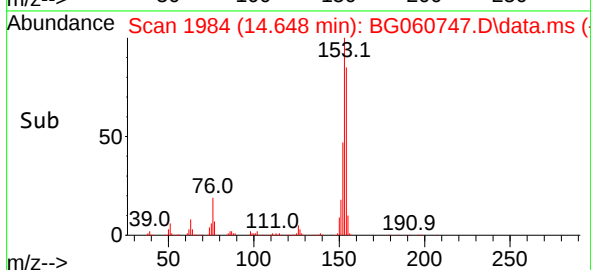
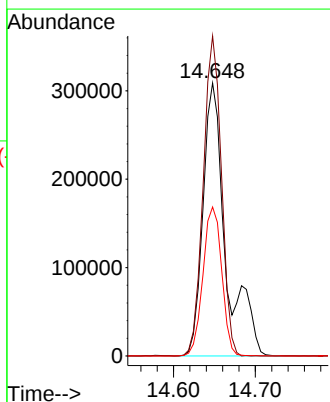
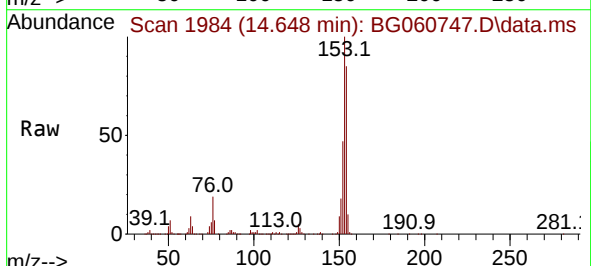
APPROVED

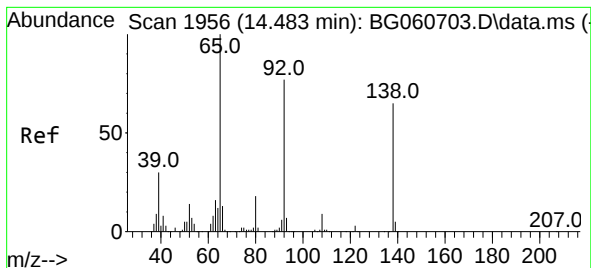
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#52
Acenaphthene
Concen: 51.833 ng m
RT: 14.648 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Tgt Ion:154 Resp: 600393
Ion Ratio Lower Upper
154 100
153 117.3 93.9 140.9
152 54.6 44.1 66.1





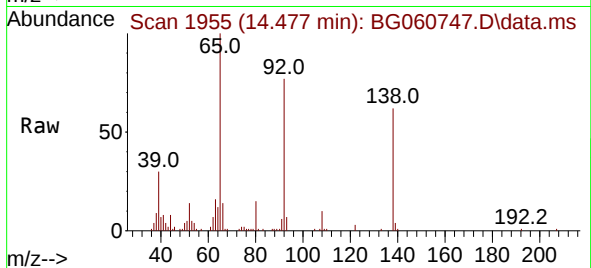
#53
3-Nitroaniline
Concen: 11.903 ng
RT: 14.477 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

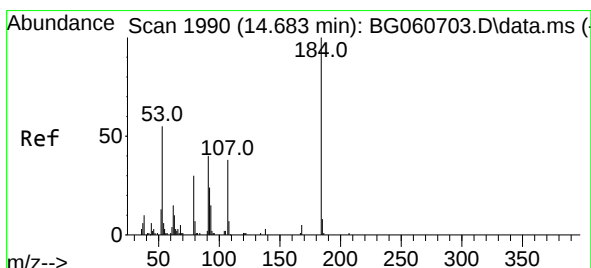
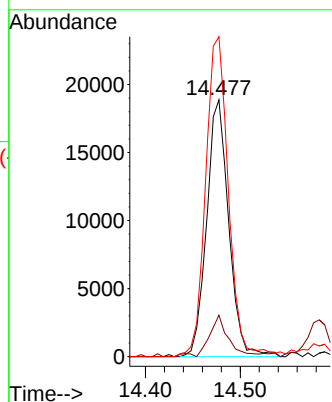
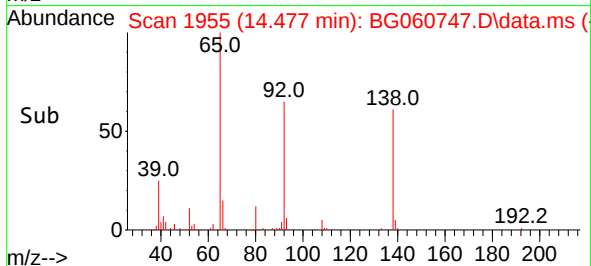


Tgt Ion:138 Resp: 3056
Ion Ratio Lower Upper
138 100
108 16.1 11.3 16.9
92 124.6 94.1 141.1

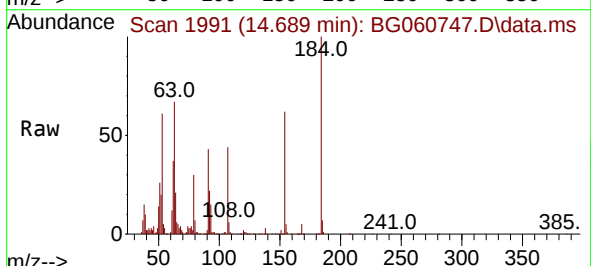
Manual Integrations

APPROVED

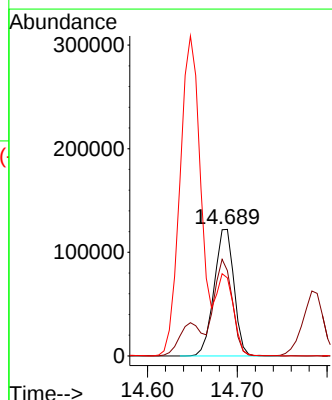
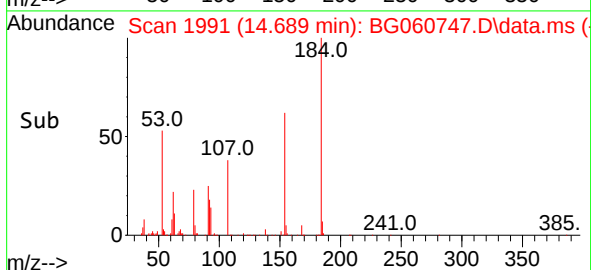
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

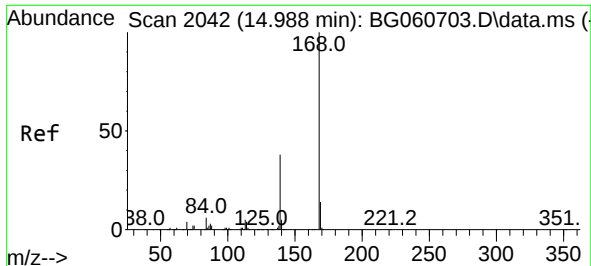


#54
2,4-Dinitrophenol
Concen: 166.631 ng
RT: 14.689 min Scan# 1991
Delta R.T. 0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26



Tgt Ion:184 Resp: 187564
Ion Ratio Lower Upper
184 100
63 67.4 51.3 76.9
154 61.7 59.9 89.9





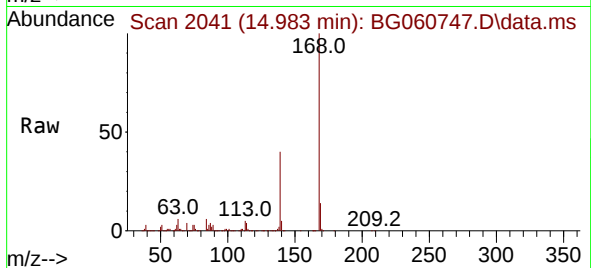
#55
Dibenzenofuran
Concen: 44.652 ng
RT: 14.983 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

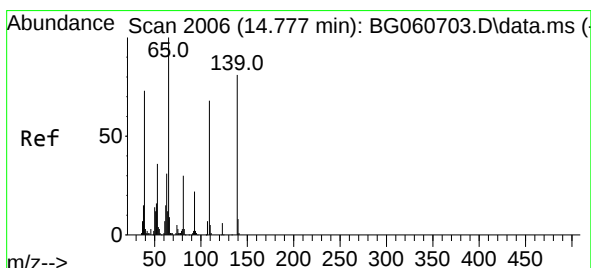
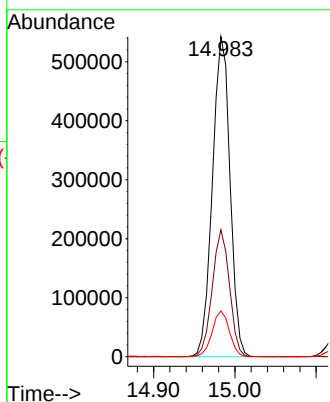
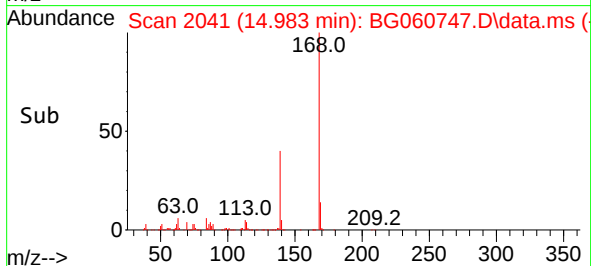


Tgt Ion:168 Resp: 815829
Ion Ratio Lower Upper
168 100
139 39.7 30.1 45.1
169 14.3 11.0 16.4

Manual Integrations

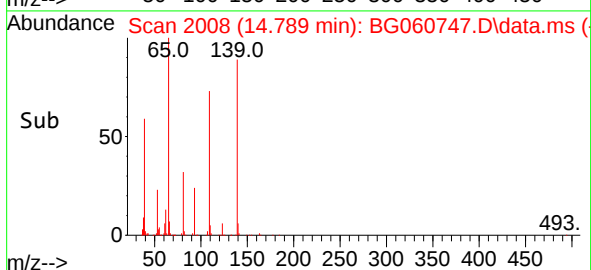
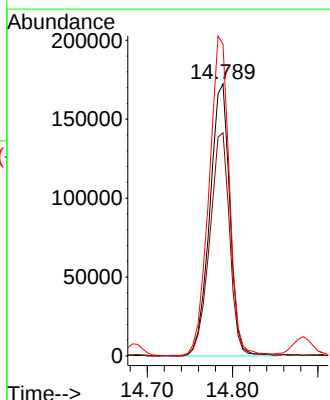
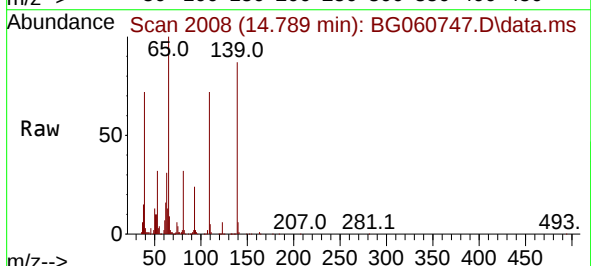
APPROVED

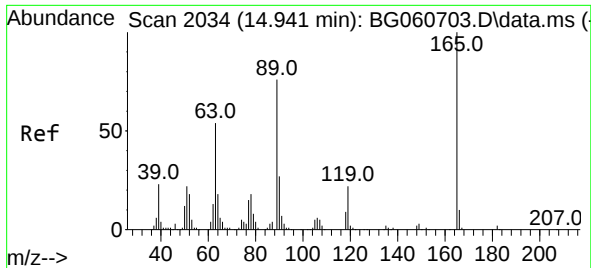
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#56
4-Nitrophenol
Concen: 119.115 ng
RT: 14.789 min Scan# 2008
Delta R.T. 0.012 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Tgt Ion:139 Resp: 281597
Ion Ratio Lower Upper
139 100
109 82.0 64.0 104.0
65 114.6 104.3 144.3





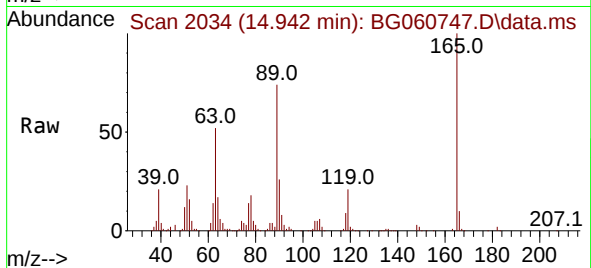
#57
2,4-Dinitrotoluene
Concen: 58.380 ng
RT: 14.942 min Scan# 2034
Delta R.T. 0.001 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

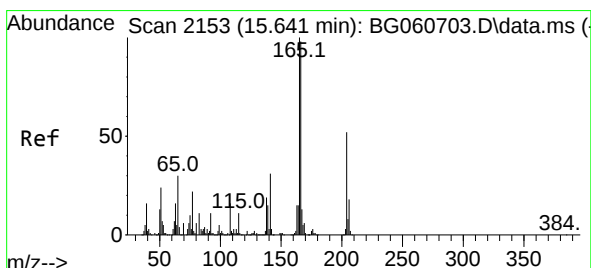
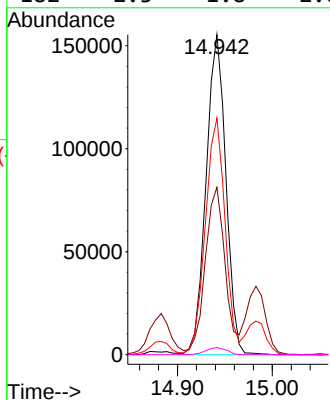
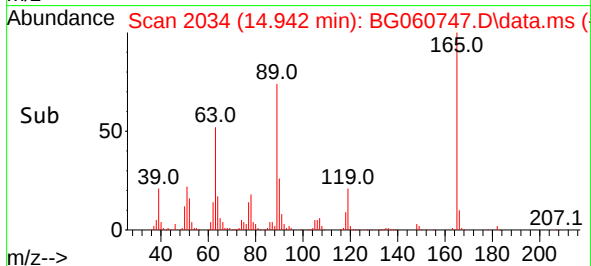


Tgt Ion:165 Resp: 225085
Ion Ratio Lower Upper
165 100
63 52.3 43.4 65.0
89 73.9 61.0 91.6
182 2.3 1.8 2.6

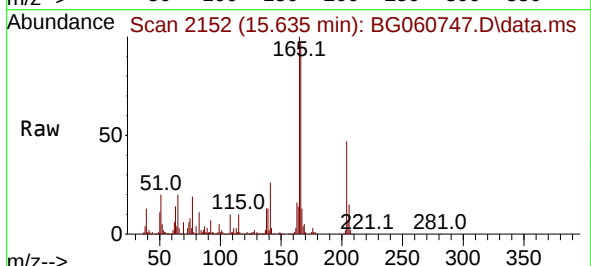
Manual Integrations

APPROVED

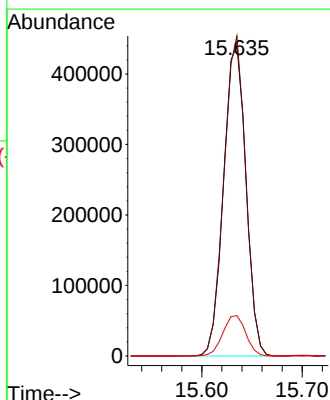
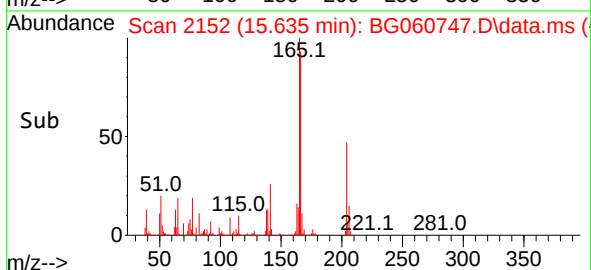
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

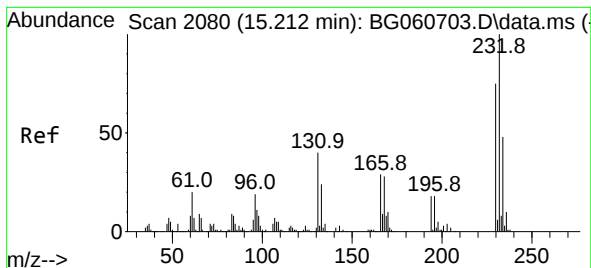


#58
Fluorene
Concen: 46.620 ng
RT: 15.635 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26



Tgt Ion:166 Resp: 683614
Ion Ratio Lower Upper
166 100
165 103.1 81.8 122.8
167 13.0 10.9 16.3





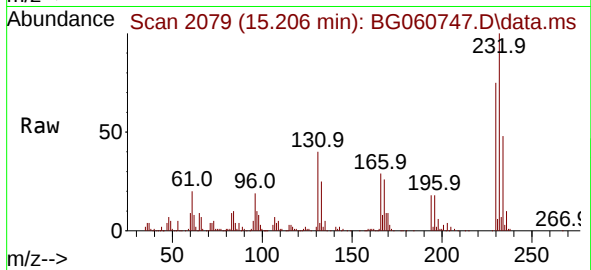
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.771 ng
RT: 15.206 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

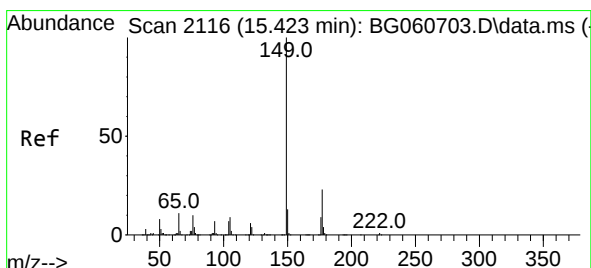
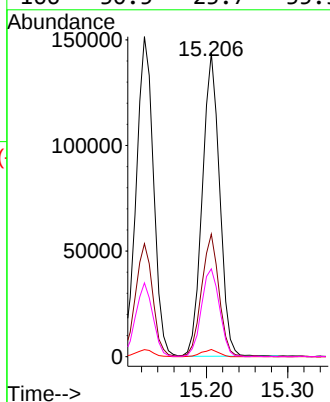
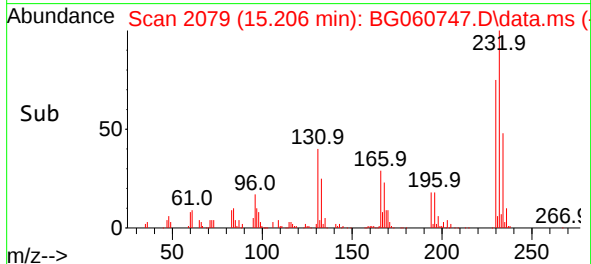


Tgt Ion:232 Resp: 21180
Ion Ratio Lower Upper
232 100
131 40.3 32.2 48.2
130 2.3 2.1 3.1
166 30.5 23.7 35.5

Manual Integrations

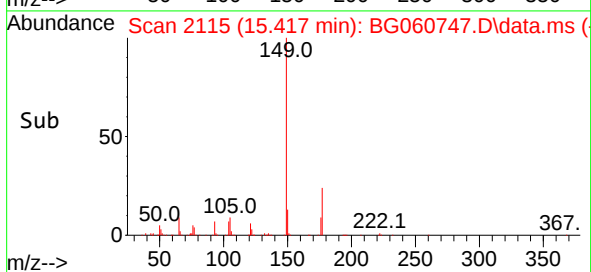
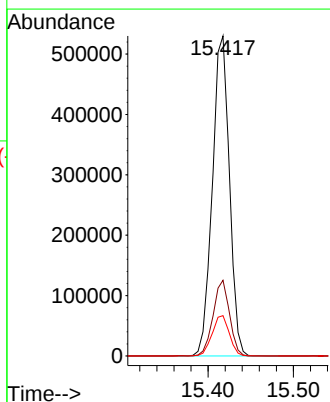
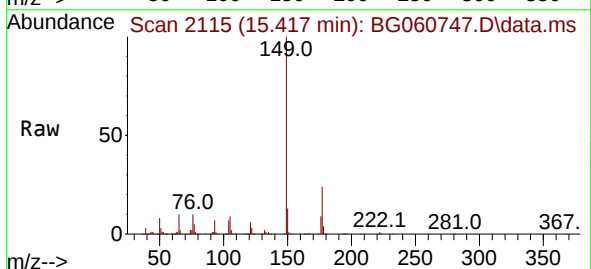
APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#60
Diethylphthalate
Concen: 45.190 ng
RT: 15.417 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Tgt Ion:149 Resp: 735218
Ion Ratio Lower Upper
149 100
177 23.7 18.0 27.0
150 12.6 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 44.671 ng
RT: 15.629 min Scan# 2151
Delta R.T. -0.012 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

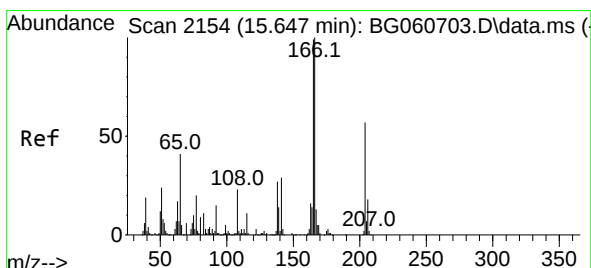
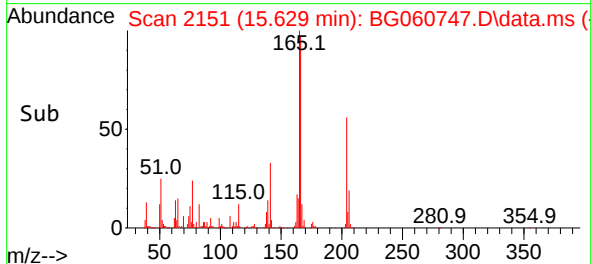
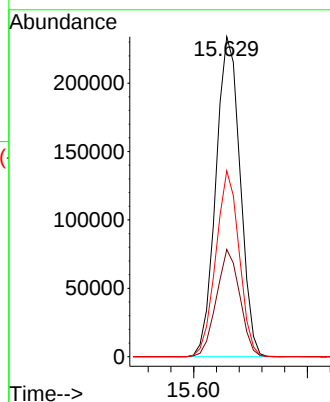
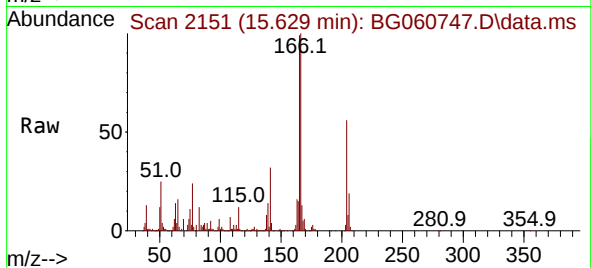
72-11991MSD

Tgt Ion:204 Resp: 34654
Ion Ratio Lower Upper
204 100
206 33.5 28.3 42.5
141 58.1 47.2 70.8

Manual Integrations

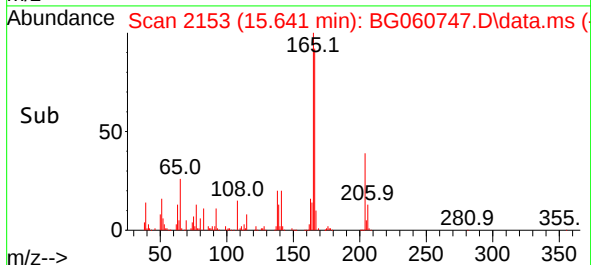
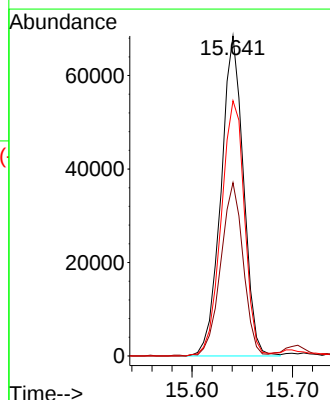
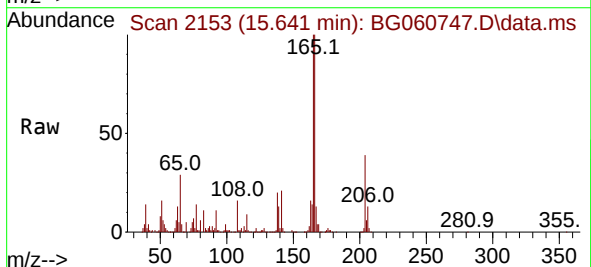
APPROVED

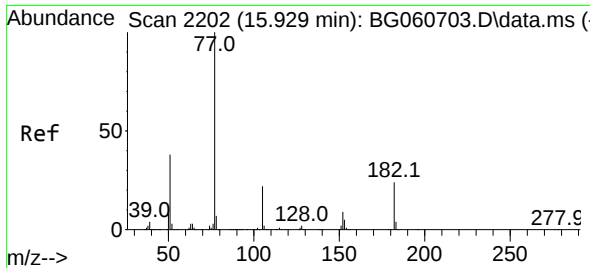
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#62
4-Nitroaniline
Concen: 36.027 ng
RT: 15.641 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Tgt Ion:138 Resp: 106518
Ion Ratio Lower Upper
138 100
92 54.2 36.8 76.8
108 79.8 66.9 106.9





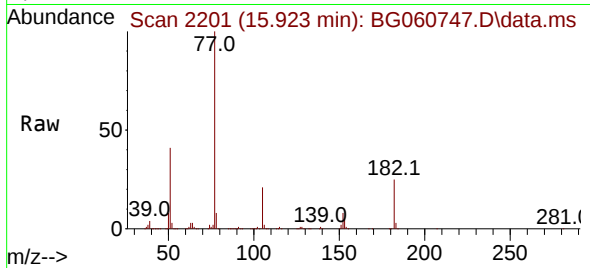
#63
Azobenzene
Concen: 43.699 ng
RT: 15.923 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

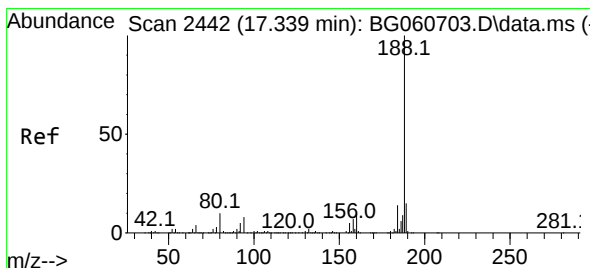
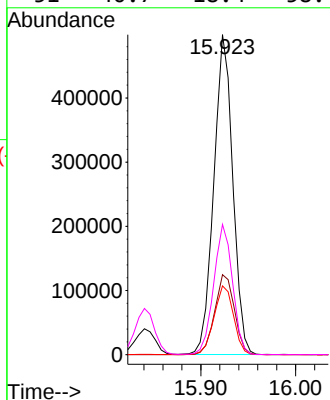
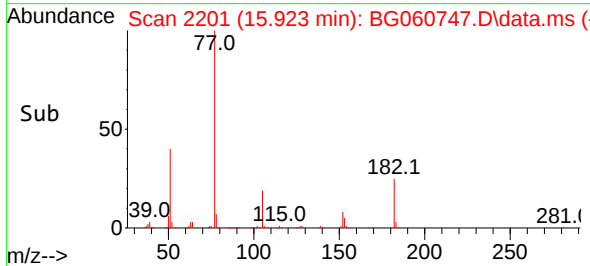


Tgt Ion: 77 Resp: 692800
Ion Ratio Lower Upper
77 100
182 25.0 3.9 43.9
105 21.5 1.7 41.7
51 40.7 18.4 58.4

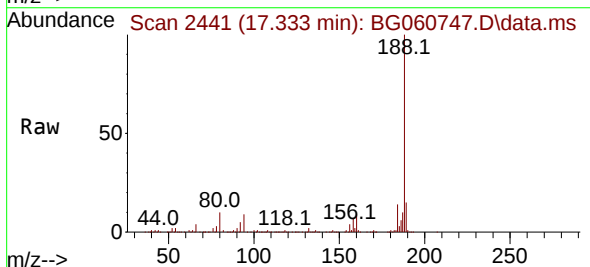
Manual Integrations

APPROVED

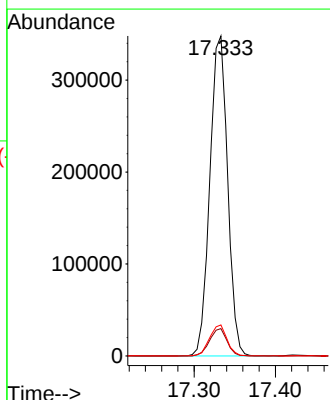
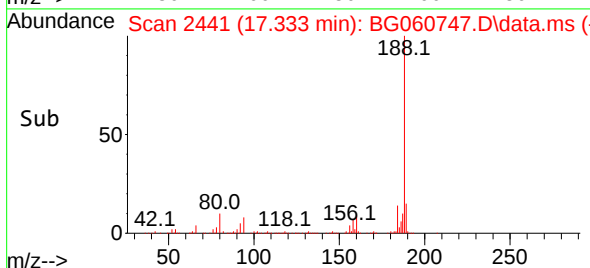
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

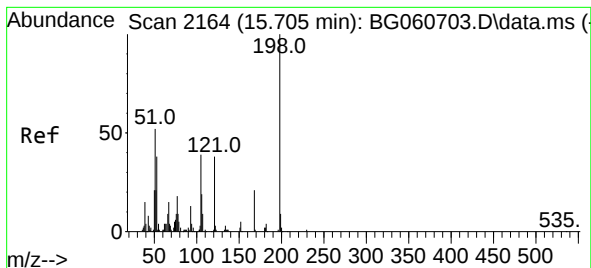


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.333 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26



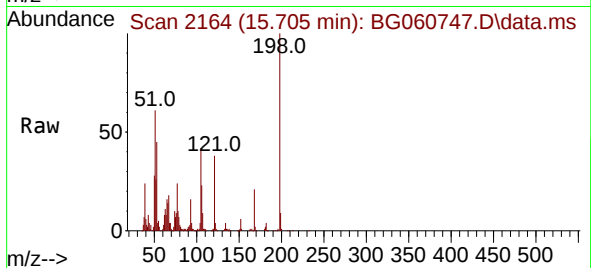
Tgt Ion:188 Resp: 527306
Ion Ratio Lower Upper
188 100
94 8.5 6.6 9.8
80 9.7 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 58.124 ng
RT: 15.705 min Scan# 2164
Delta R.T. 0.000 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

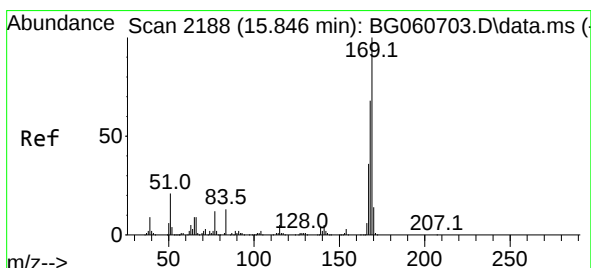
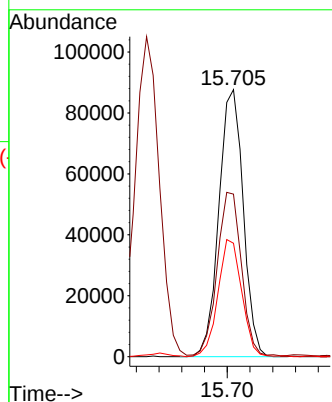
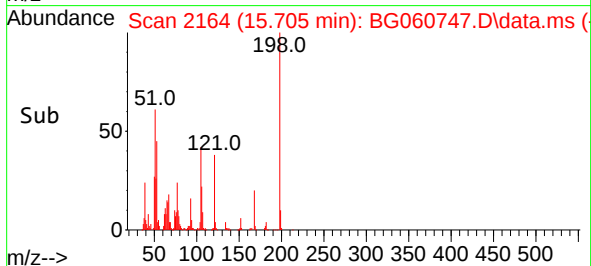
Instrument :
BNA_G
ClientSampleId :
72-11991MSD



Tgt Ion:198 Resp: 130268
Ion Ratio Lower Upper
198 100
51 60.9 36.7 76.7
105 42.5 19.1 59.1

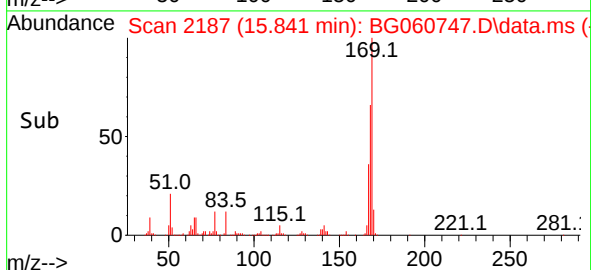
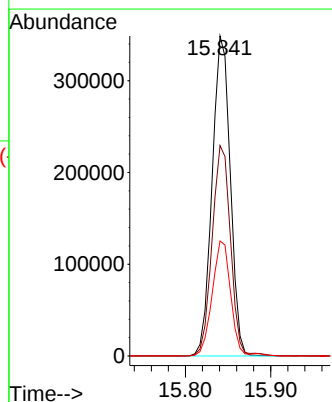
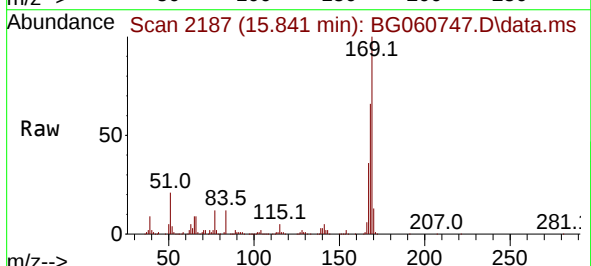
Manual Integrations
APPROVED

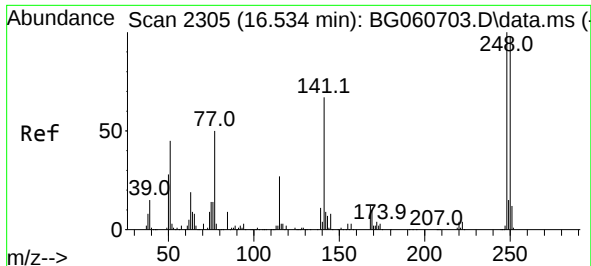
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#66
n-Nitrosodiphenylamine
Concen: 34.144 ng
RT: 15.841 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Tgt Ion:169 Resp: 514502
Ion Ratio Lower Upper
169 100
168 65.8 54.5 81.7
167 36.0 29.2 43.8





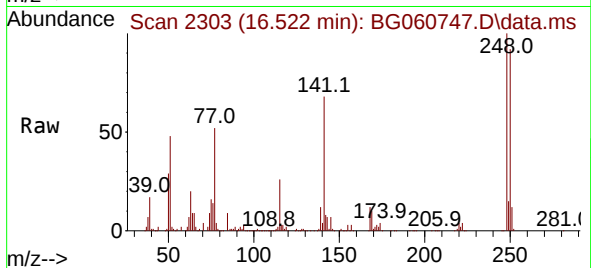
#67
4-Bromophenyl-phenylether
Concen: 46.431 ng
RT: 16.522 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

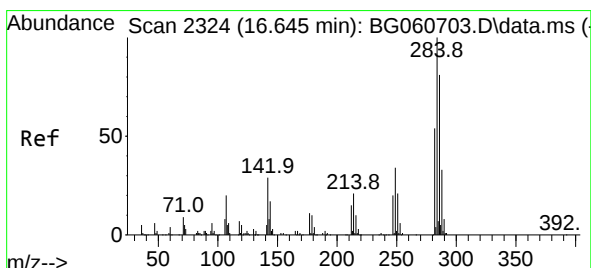
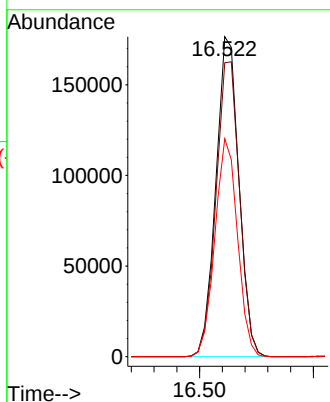
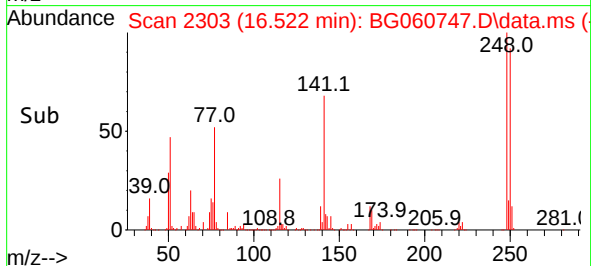


Tgt Ion:248 Resp: 248470
Ion Ratio Lower Upper
248 100
250 91.8 78.3 117.5
141 68.1 53.7 80.5

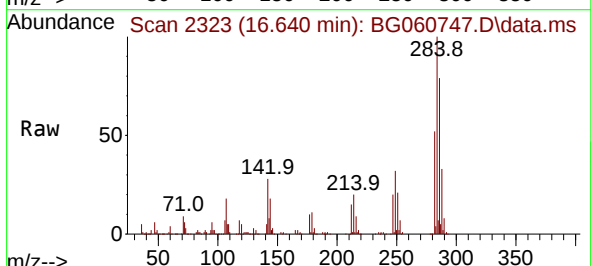
Manual Integrations

APPROVED

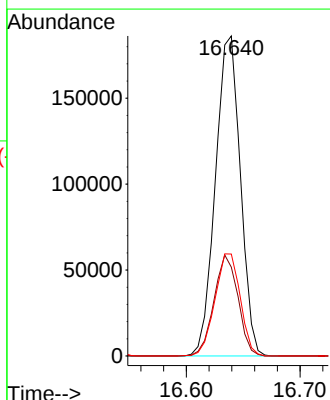
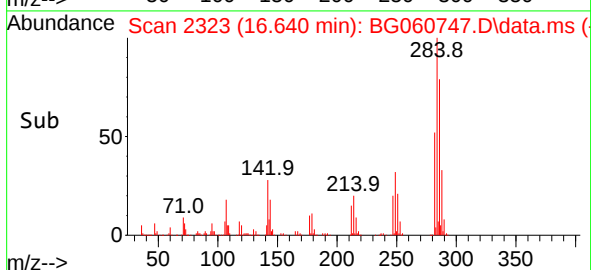
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

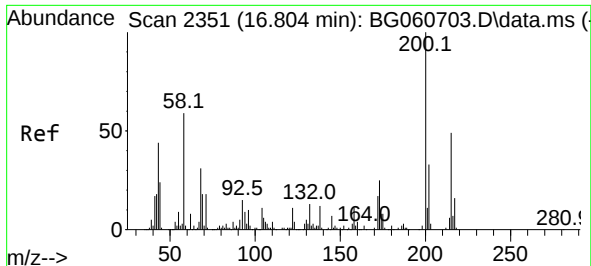


#68
Hexachlorobenzene
Concen: 47.008 ng
RT: 16.640 min Scan# 2323
Delta R.T. -0.006 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26



Tgt Ion:284 Resp: 283978
Ion Ratio Lower Upper
284 100
142 27.8 22.9 34.3
249 31.9 27.1 40.7





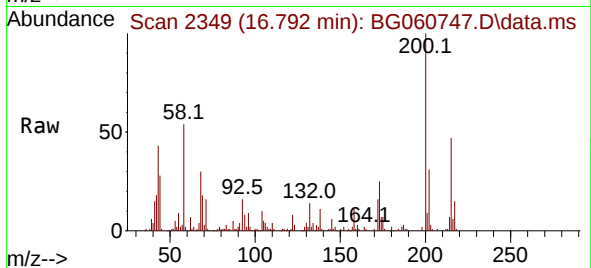
#69
 Atrazine
 Concen: 13.598 ng
 RT: 16.792 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BG060747.D
 Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

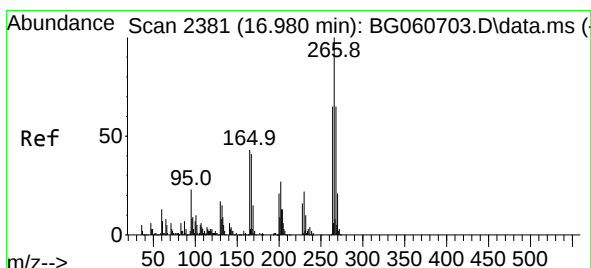
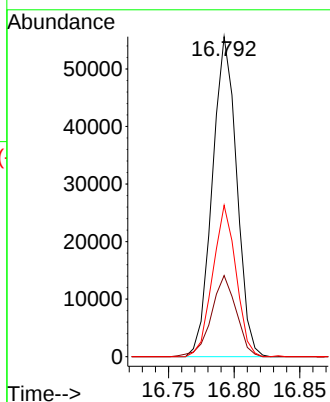
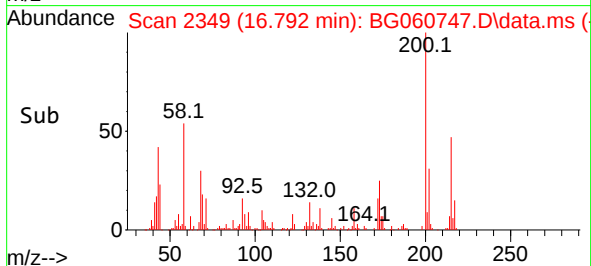


Tgt Ion:200 Resp: 71658
 Ion Ratio Lower Upper
 200 100
 173 25.4 5.2 45.2
 215 47.3 28.8 68.8

Manual Integrations

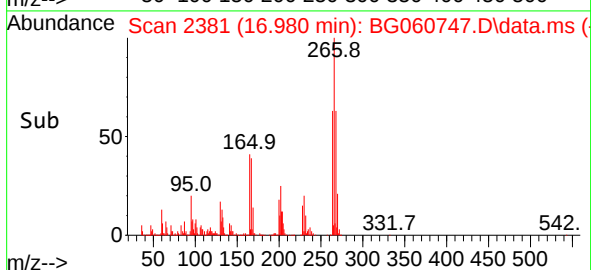
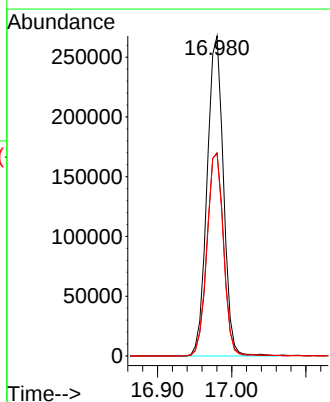
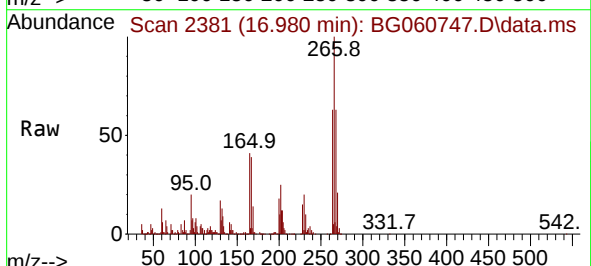
APPROVED

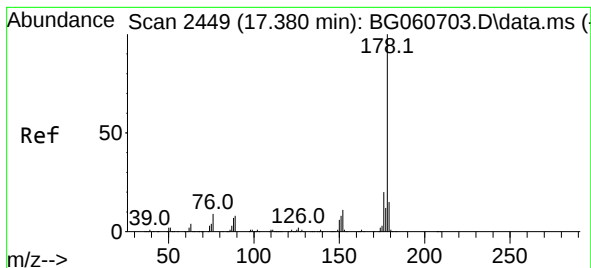
Reviewed By :Jagrut Upadhyay 04/03/2024
 Supervised By :mohammad ahmed 04/04/2024



#70
 Pentachlorophenol
 Concen: 103.809 ng
 RT: 16.980 min Scan# 2381
 Delta R.T. 0.000 min
 Lab File: BG060747.D
 Acq: 2 Apr 2024 21:26

Tgt Ion:266 Resp: 409199
 Ion Ratio Lower Upper
 266 100
 268 63.5 52.2 78.4
 264 63.2 51.8 77.6





#71

Phenanthrene

Concen: 44.725 ng

RT: 17.374 min Scan# 2449

Delta R.T. -0.006 min

Lab File: BG060747.D

Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

Tgt Ion:178 Resp: 122653

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.6

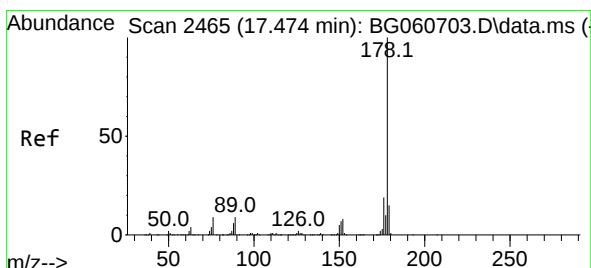
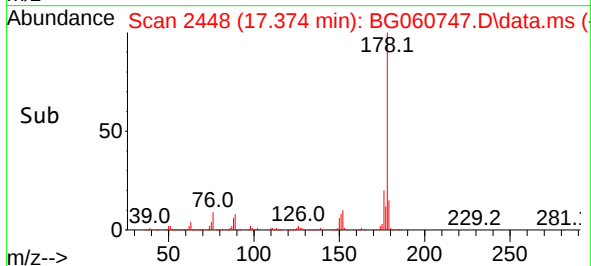
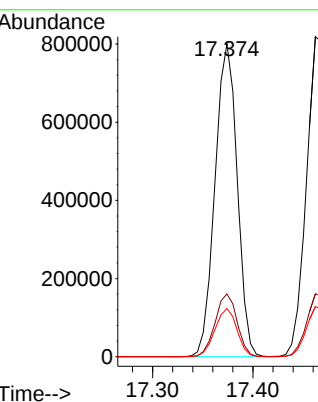
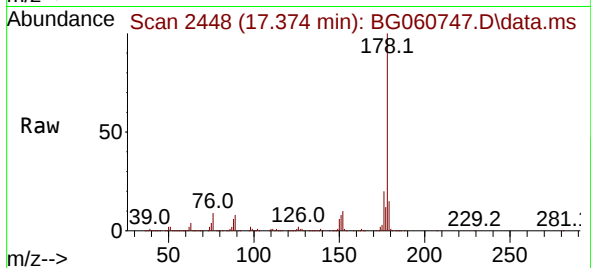
179 15.4 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024

Supervised By :mohammad ahmed 04/04/2024



#72

Anthracene

Concen: 45.033 ng

RT: 17.462 min Scan# 2463

Delta R.T. -0.012 min

Lab File: BG060747.D

Acq: 2 Apr 2024 21:26

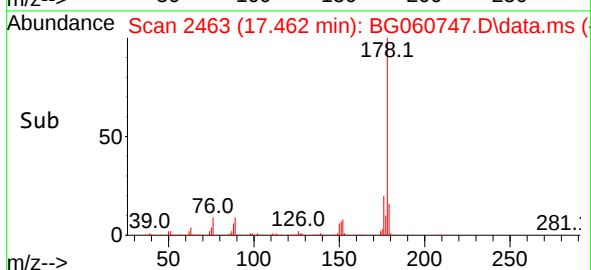
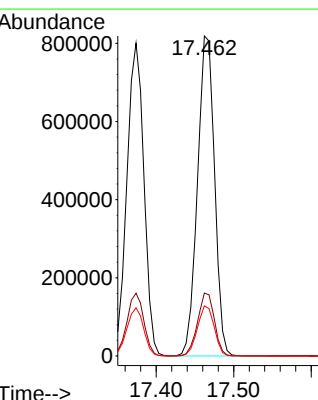
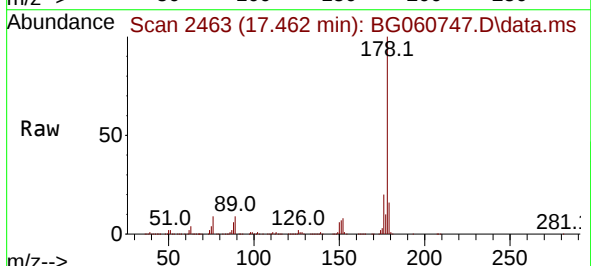
Tgt Ion:178 Resp: 1254224

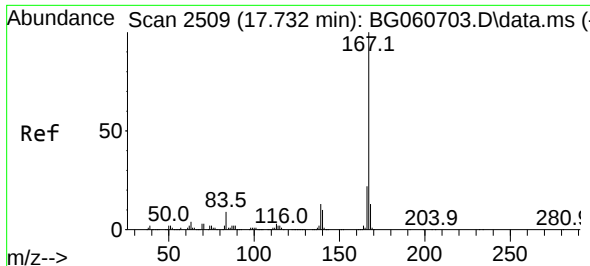
Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

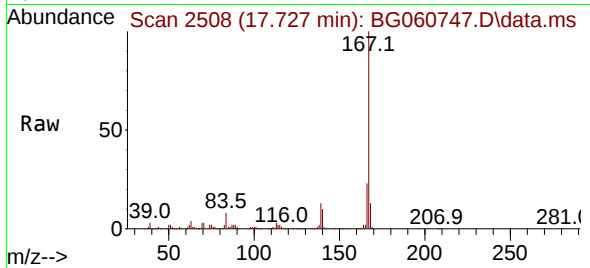
179 15.6 12.2 18.2





#73
 Carbazole
 Concen: 34.394 ng
 RT: 17.727 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG060747.D
 Acq: 2 Apr 2024 21:26

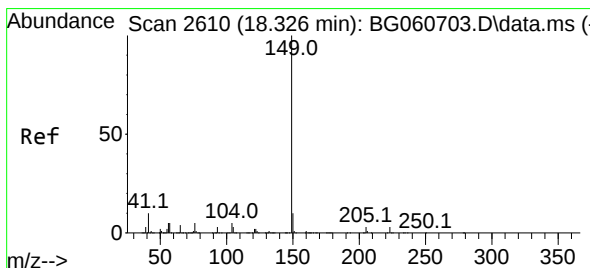
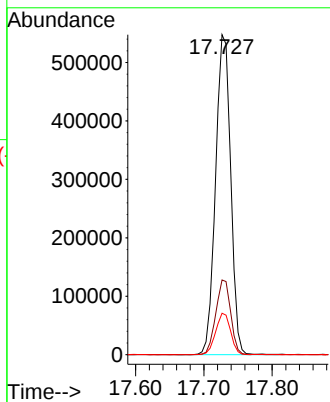
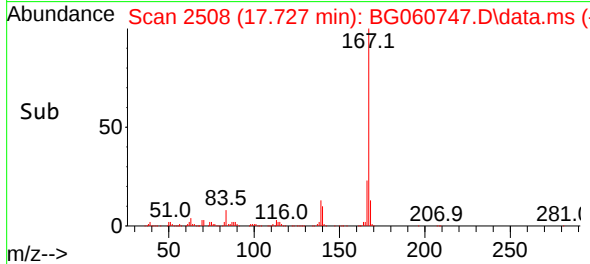
Instrument :
 BNA_G
 ClientSampleId :
 72-11991MSD



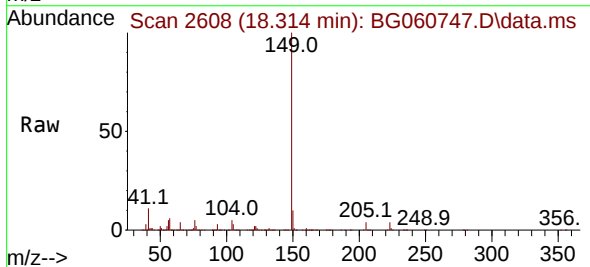
Tgt Ion:167 Resp: 84457
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.0 27.0
 139 13.0 10.5 15.7

Manual Integrations
 APPROVED

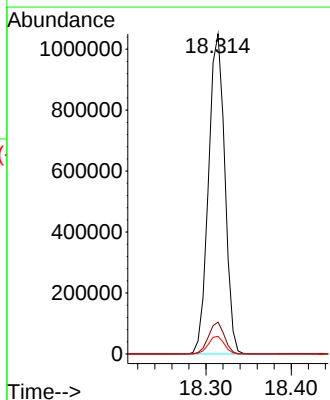
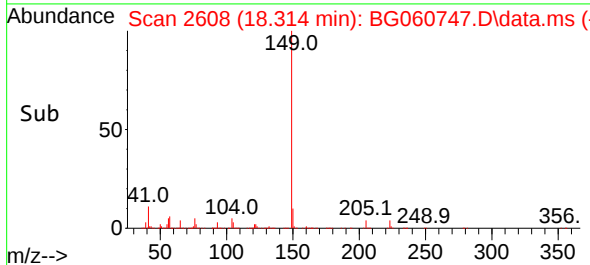
Reviewed By :Jagrut Upadhyay 04/03/2024
 Supervised By :mohammad ahmed 04/04/2024

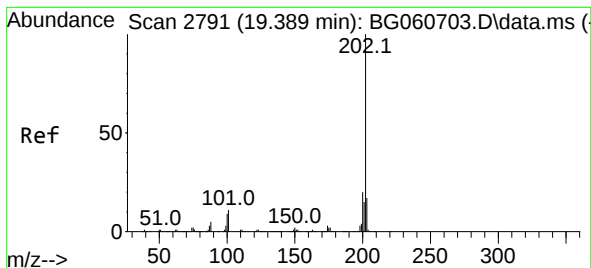


#74
 Di-n-butylphthalate
 Concen: 45.442 ng
 RT: 18.314 min Scan# 2608
 Delta R.T. -0.012 min
 Lab File: BG060747.D
 Acq: 2 Apr 2024 21:26



Tgt Ion:149 Resp: 1391153
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.7 11.5
 104 5.5 4.2 6.4





#75

Fluoranthene

Concen: 45.862 ng

RT: 19.383 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG060747.D

Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

Tgt Ion:202 Resp: 152616

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.8

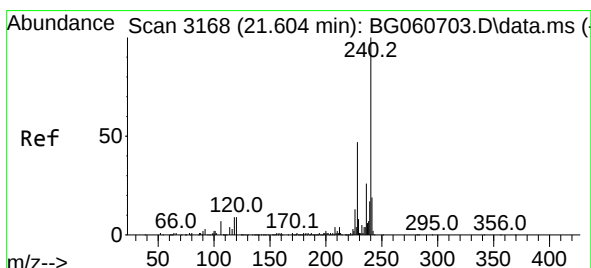
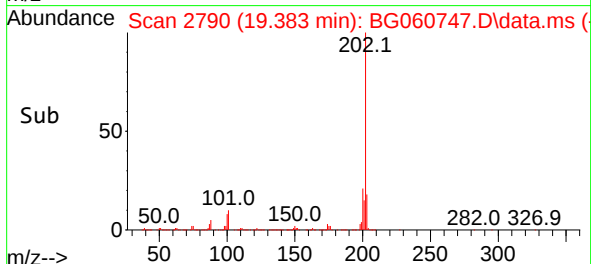
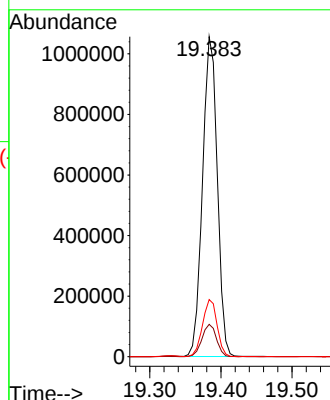
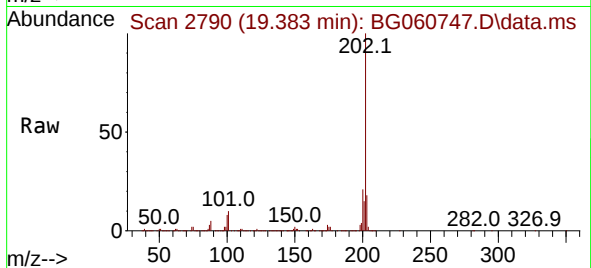
203 17.9 0.0 37.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024

Supervised By :mohammad ahmed 04/04/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.593 min Scan# 3166

Delta R.T. -0.012 min

Lab File: BG060747.D

Acq: 2 Apr 2024 21:26

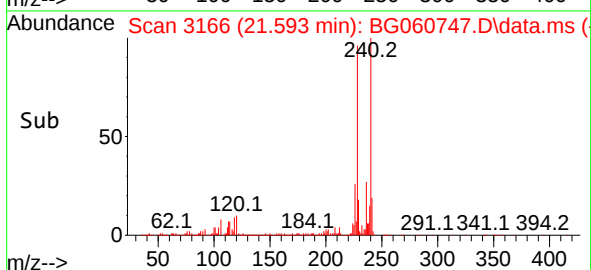
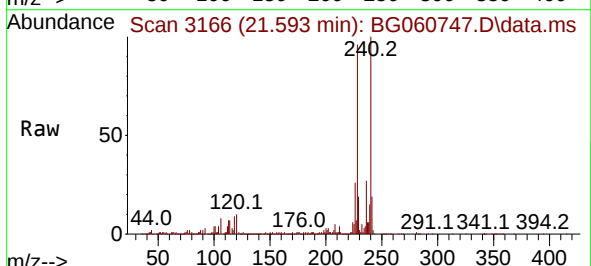
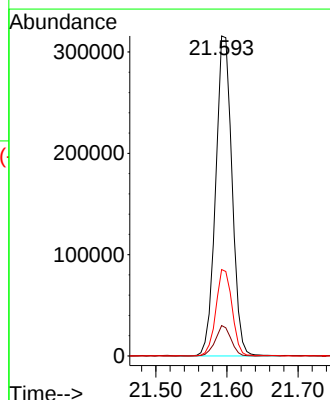
Tgt Ion:240 Resp: 503860

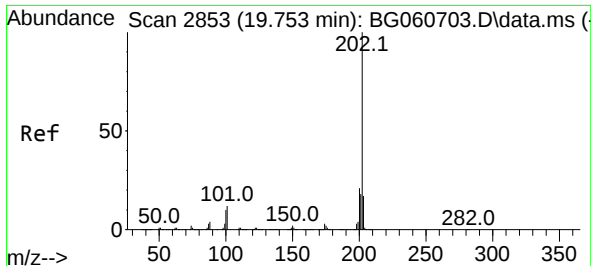
Ion Ratio Lower Upper

240 100

120 9.5 7.1 10.7

236 27.0 20.7 31.1





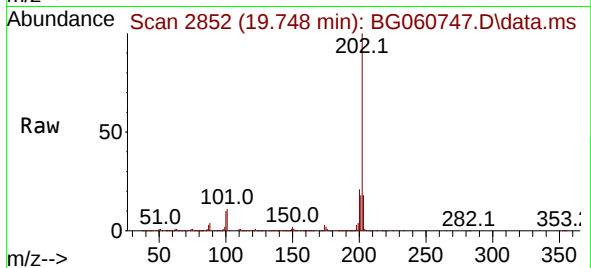
#78
 Pyrene
 Concen: 45.126 ng
 RT: 19.748 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG060747.D
 Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

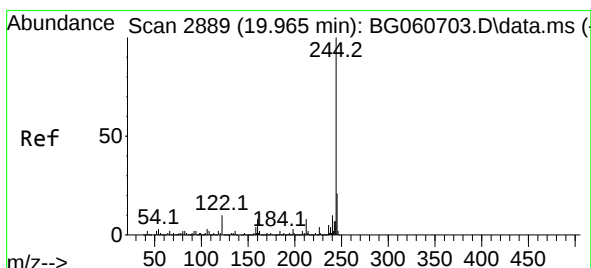
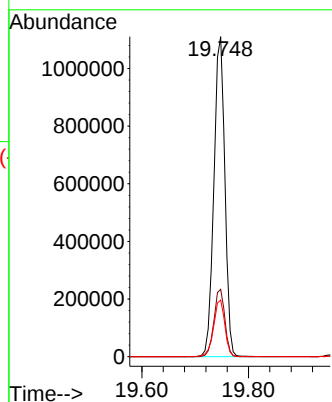
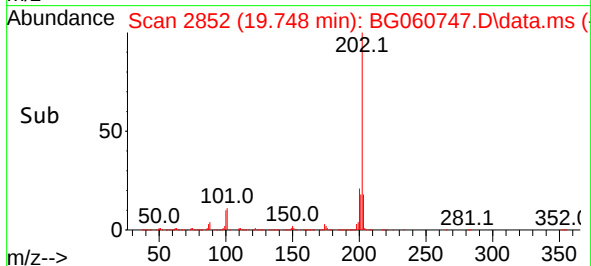


Tgt Ion:202 Resp: 159018
 Ion Ratio Lower Upper
 202 100
 200 21.0 17.0 25.4
 203 17.7 14.0 21.0

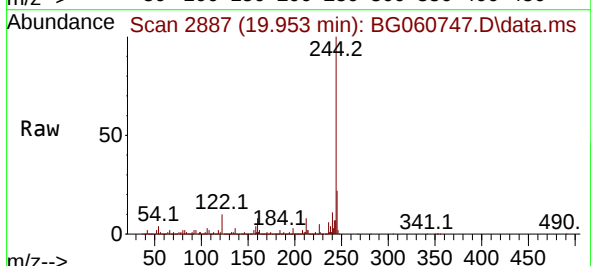
Manual Integrations

APPROVED

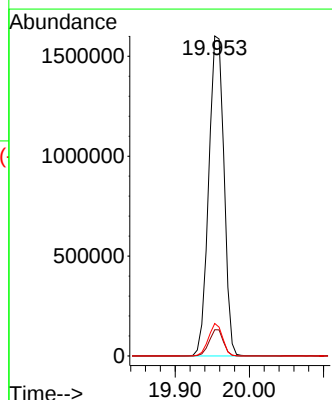
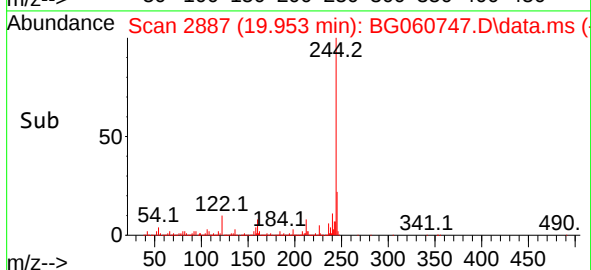
Reviewed By :Jagrut Upadhyay 04/03/2024
 Supervised By :mohammad ahmed 04/04/2024

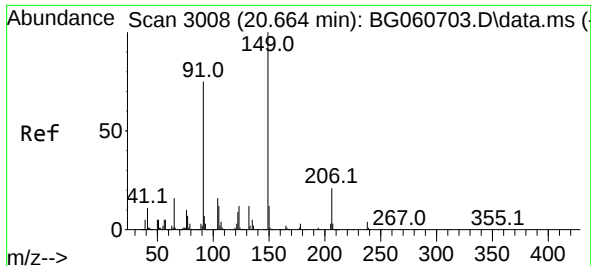


#79
 Terphenyl-d14
 Concen: 80.045 ng
 RT: 19.953 min Scan# 2887
 Delta R.T. -0.012 min
 Lab File: BG060747.D
 Acq: 2 Apr 2024 21:26



Tgt Ion:244 Resp: 2290478
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.2
 122 10.2 7.8 11.8





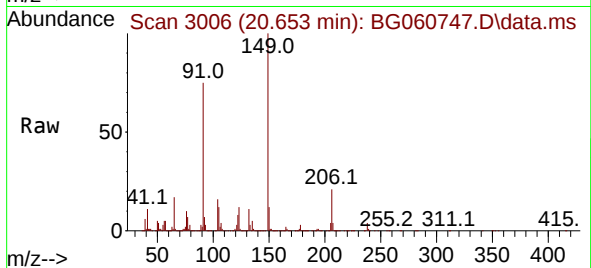
#80
Butylbenzylphthalate
Concen: 49.937 ng
RT: 20.653 min Scan# 3006
Delta R.T. -0.012 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

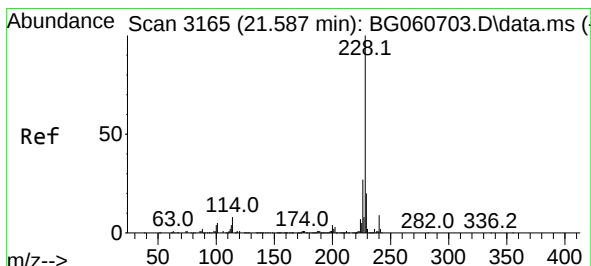
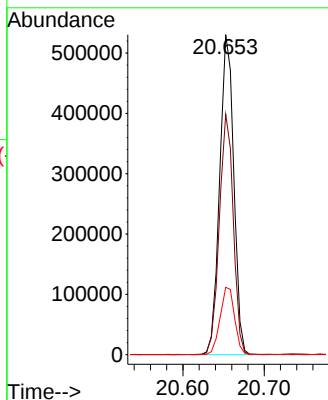
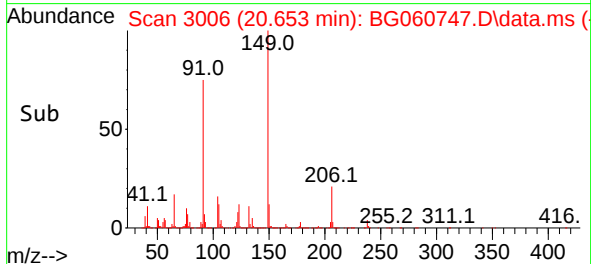


Tgt Ion:149 Resp: 641924
Ion Ratio Lower Upper
149 100
91 75.2 60.1 90.1
206 21.0 16.8 25.2

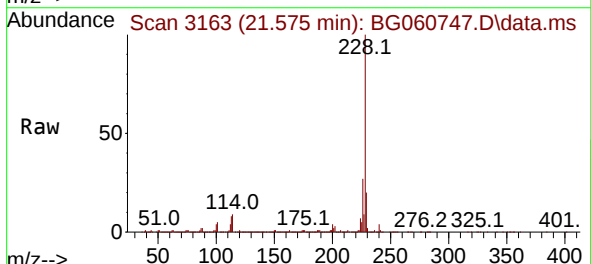
Manual Integrations

APPROVED

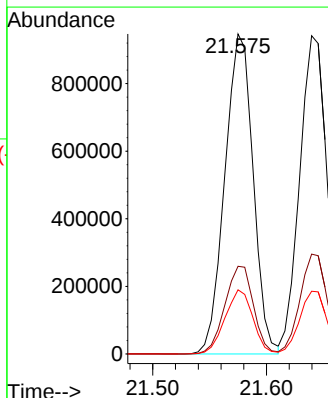
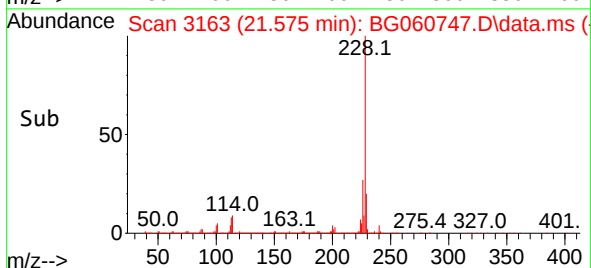
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

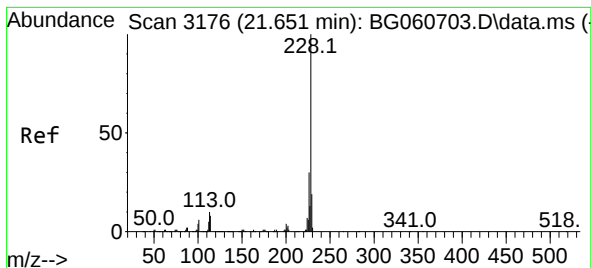


#81
Benzo(a)anthracene
Concen: 46.146 ng
RT: 21.575 min Scan# 3163
Delta R.T. -0.012 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26



Tgt Ion:228 Resp: 1638942
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 20.0 15.8 23.8





#83

Chrysene

Concen: 45.466 ng

RT: 21.640 min Scan# 3176

Delta R.T. -0.012 min

Lab File: BG060747.D

Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

Tgt Ion:228 Resp: 155643

Ion Ratio Lower Upper

228 100

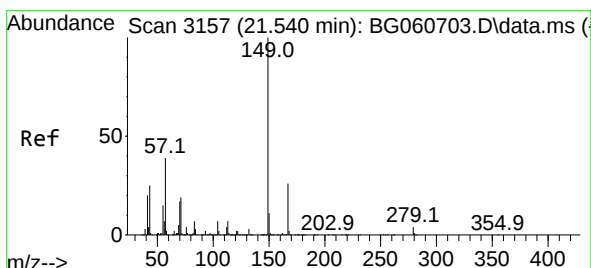
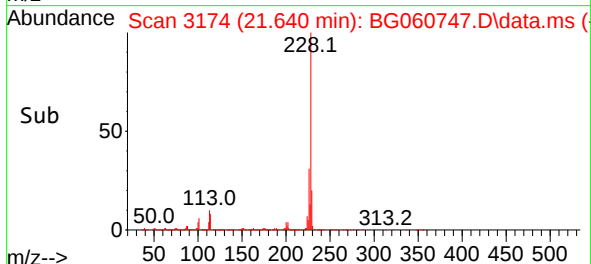
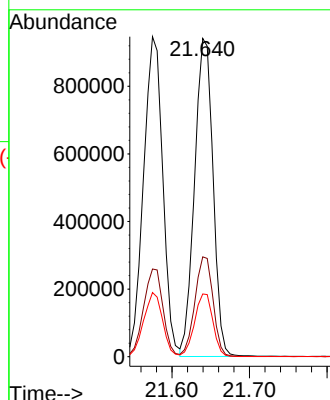
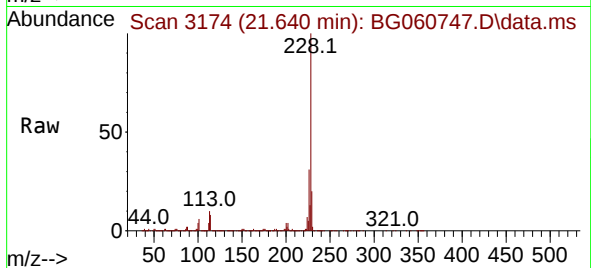
226 31.4 24.2 36.4

229 19.7 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.675 ng

RT: 21.522 min Scan# 3154

Delta R.T. -0.018 min

Lab File: BG060747.D

Acq: 2 Apr 2024 21:26

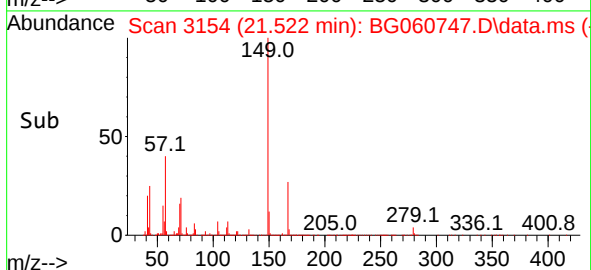
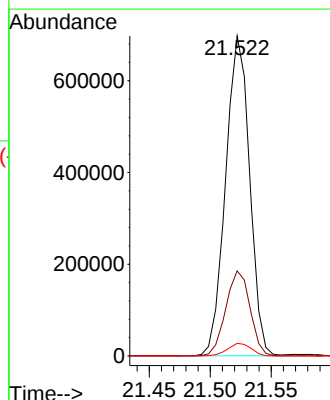
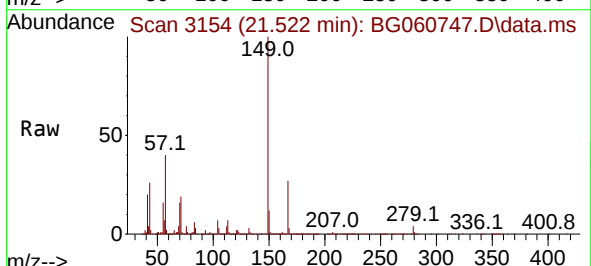
Tgt Ion:149 Resp: 956305

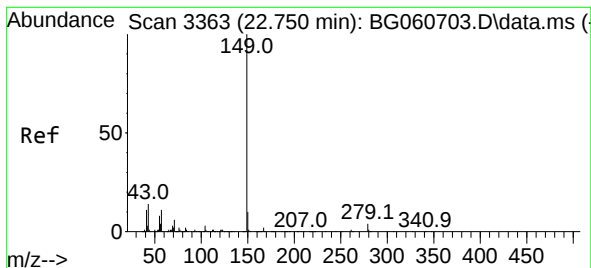
Ion Ratio Lower Upper

149 100

167 26.6 20.6 30.8

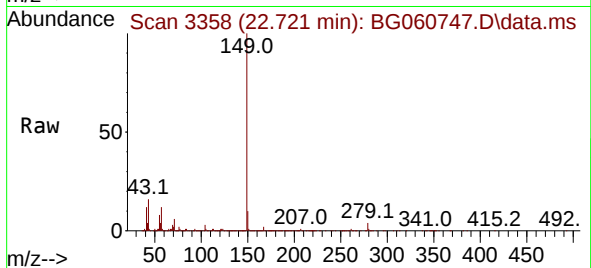
279 4.0 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 49.761 ng
RT: 22.721 min Scan# 31
Delta R.T. -0.029 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26

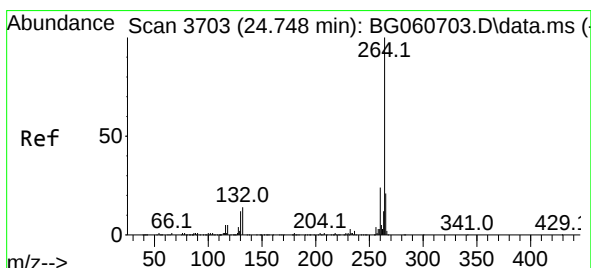
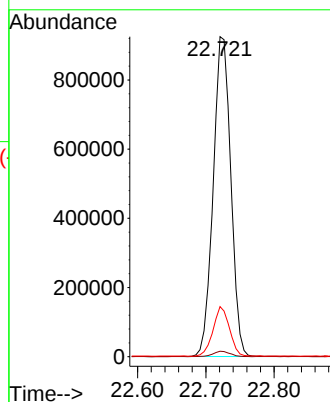
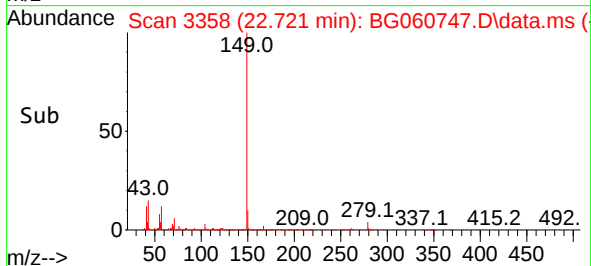
Instrument :
BNA_G
ClientSampleId :
72-11991MSD



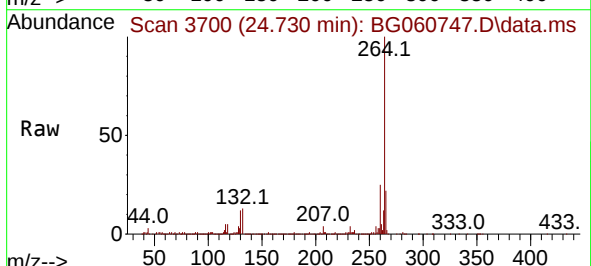
Tgt Ion:149 Resp: 1660919
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 14.4 11.3 16.9

Manual Integrations
APPROVED

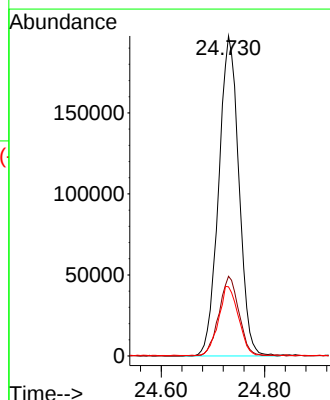
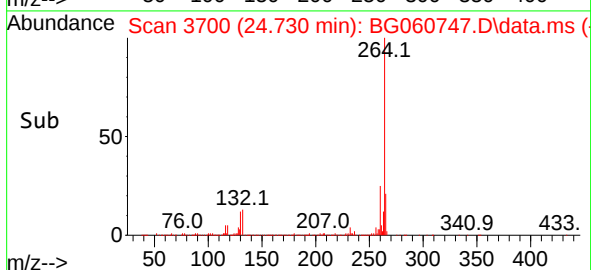
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

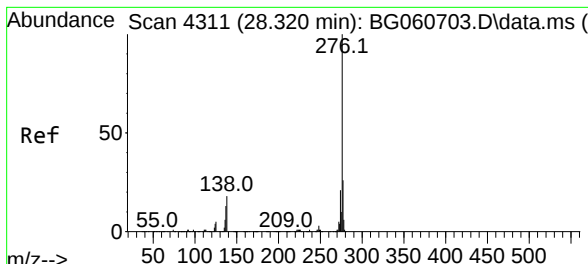


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.730 min Scan# 3700
Delta R.T. -0.018 min
Lab File: BG060747.D
Acq: 2 Apr 2024 21:26



Tgt Ion:264 Resp: 534868
Ion Ratio Lower Upper
264 100
260 24.9 19.5 29.3
265 21.6 16.9 25.3





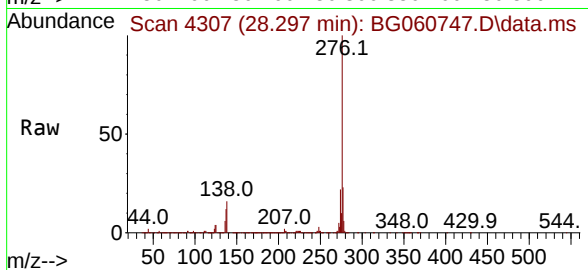
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.271 ng
 RT: 28.297 min Scan# 41
 Delta R.T. -0.023 min
 Lab File: BG060747.D
 Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

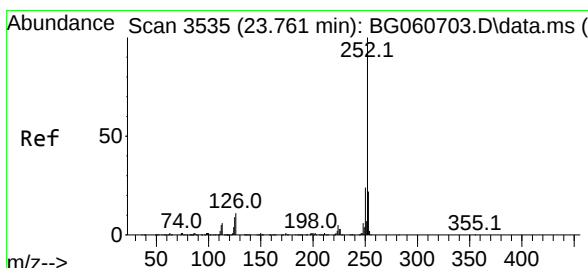
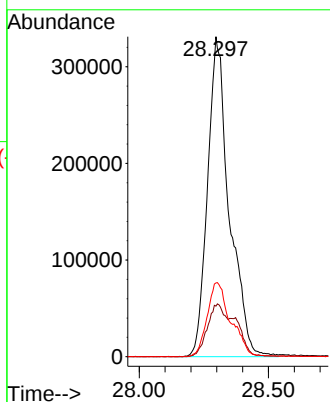
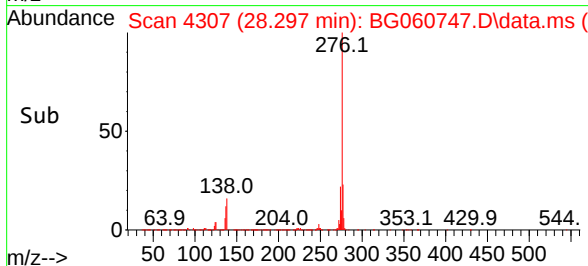


Tgt Ion: 276 Resp: 1931138
 Ion Ratio Lower Upper
 276 100
 138 13.9 12.4 18.6
 277 25.3 20.2 30.2

Manual Integrations

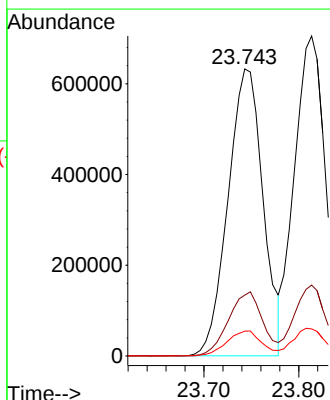
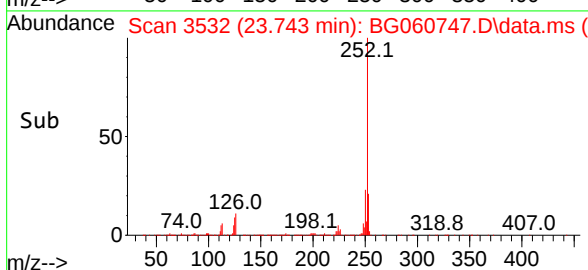
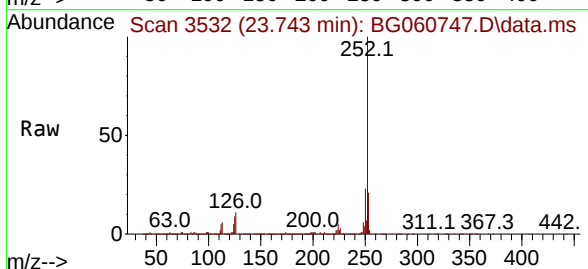
APPROVED

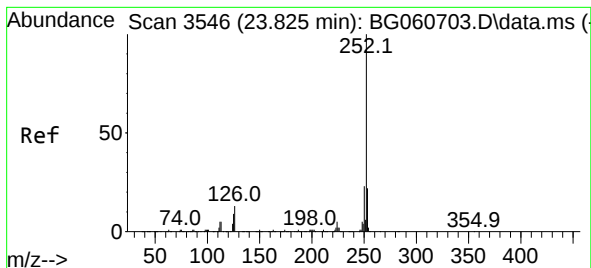
Reviewed By :Jagrut Upadhyay 04/03/2024
 Supervised By :mohammad ahmed 04/04/2024



#88
 Benzo(b)fluoranthene
 Concen: 52.867 ng
 RT: 23.743 min Scan# 3532
 Delta R.T. -0.018 min
 Lab File: BG060747.D
 Acq: 2 Apr 2024 21:26

Tgt Ion: 252 Resp: 1624514
 Ion Ratio Lower Upper
 252 100
 253 21.2 17.8 26.8
 125 8.6 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 51.067 ng

RT: 23.814 min Scan# 3

Delta R.T. -0.012 min

Lab File: BG060747.D

Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

Tgt Ion:252 Resp: 1606129

Ion Ratio Lower Upper

252 100

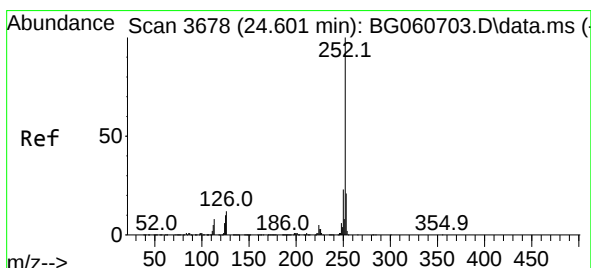
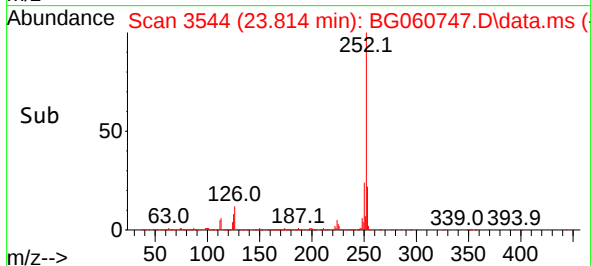
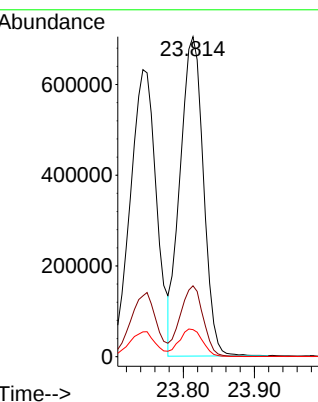
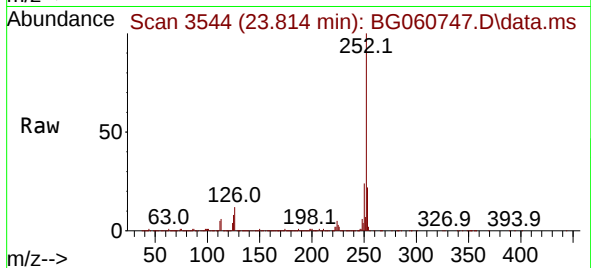
253 22.1 17.6 26.4

125 8.4 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#90

Benzo(a)pyrene

Concen: 49.014 ng

RT: 24.589 min Scan# 3676

Delta R.T. -0.012 min

Lab File: BG060747.D

Acq: 2 Apr 2024 21:26

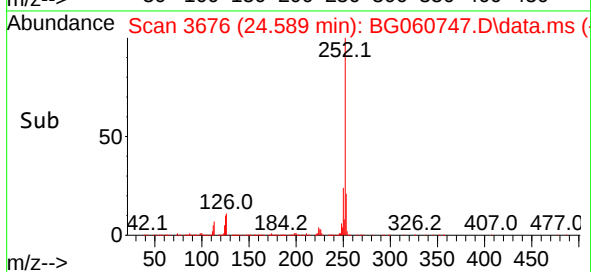
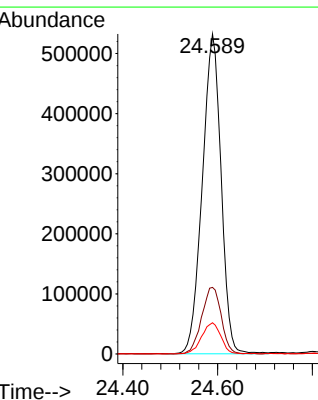
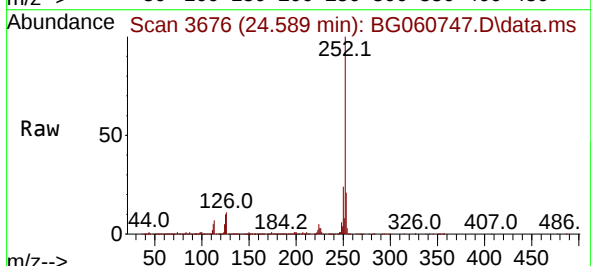
Tgt Ion:252 Resp: 1463644

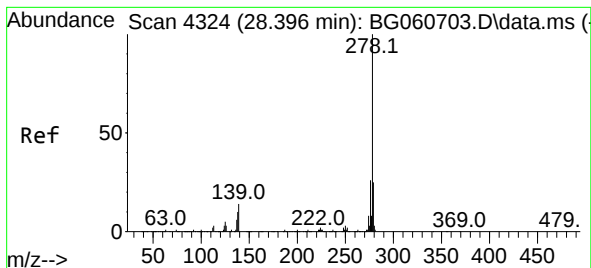
Ion Ratio Lower Upper

252 100

253 20.8 16.8 25.2

125 9.8 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 51.106 ng

RT: 28.379 min Scan# 41

Delta R.T. -0.018 min

Lab File: BG060747.D

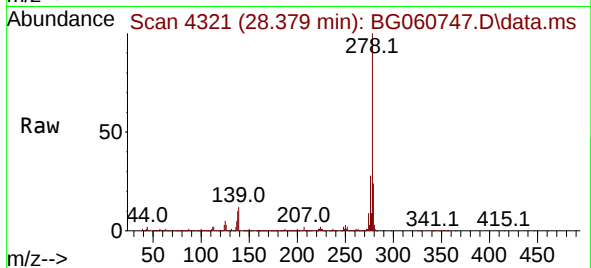
Acq: 2 Apr 2024 21:26

Instrument :

BNA_G

ClientSampleId :

72-11991MSD



Tgt Ion:278 Resp: 162267

Ion Ratio Lower Upper

278 100

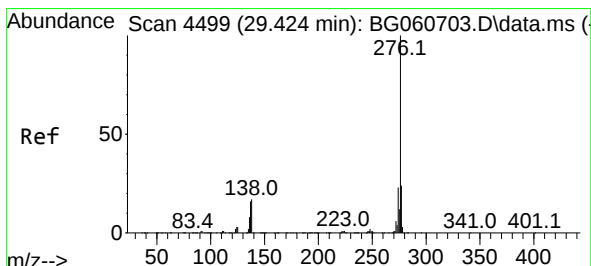
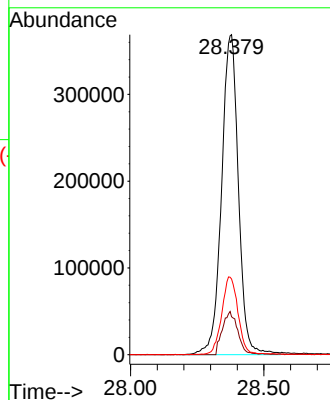
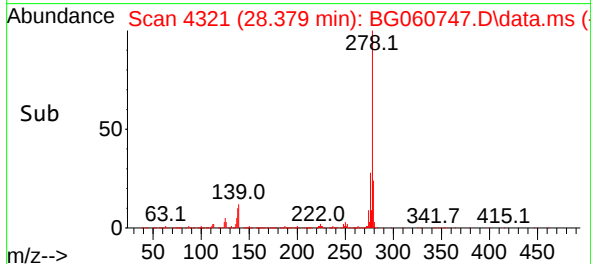
139 11.8 11.1 16.7

279 23.7 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#92

Benzo(g,h,i)perylene

Concen: 46.460 ng

RT: 29.401 min Scan# 4495

Delta R.T. -0.023 min

Lab File: BG060747.D

Acq: 2 Apr 2024 21:26

Tgt Ion:276 Resp: 1434988

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 18.3 14.0 21.0

