

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
 Data File : BG060746.D
 Acq On : 2 Apr 2024 20:46
 Operator : MA/JU
 Sample : P1927-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

72-11991MS

Manual Integrations

APPROVED

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

Quant Time: Apr 03 00:43:21 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	7.958	152	68291	20.000	ng	0.00
21) Naphthalene-d8	10.749	136	266041	20.000	ng	0.00
39) Acenaphthene-d10	14.585	164	202104	20.000	ng	0.00
64) Phenanthrene-d10	17.329	188	522201	20.000	ng	0.00
76) Chrysene-d12	21.595	240	500564	20.000	ng	0.00
86) Perylene-d12	24.738	264	555427	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	514326	125.465	ng	0.00
7) Phenol-d6	7.117	99	651829	107.120	ng	0.00
23) Nitrobenzene-d5	9.109	82	466093	99.970	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	375916	163.854	ng	0.00
45) 2-Fluorobiphenyl	13.210	172	1111625	80.723	ng	0.00
79) Terphenyl-d14	19.955	244	2260601	79.521	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	66452	39.538	ng	# 56
3) Pyridine	3.862	79	193800	38.227	ng	92
4) n-Nitrosodimethylamine	3.763	42	136527	45.053	ng	90
6) Aniline	7.282	93	53277	6.933	ng	96
8) 2-Chlorophenol	7.517	128	205070	44.125	ng	95
9) Benzaldehyde	7.088	77	12457m	3.712	ng	
10) Phenol	7.141	94	248788	40.062	ng	99
11) bis(2-Chloroethyl)ether	7.376	93	193845	38.662	ng	99
12) 1,3-Dichlorobenzene	7.846	146	218312	45.171	ng	96
13) 1,4-Dichlorobenzene	7.993	146	226004	45.836	ng	98
14) 1,2-Dichlorobenzene	8.310	146	218289	45.175	ng	98
15) Benzyl Alcohol	8.187	79	188532	38.249	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.475	45	474195	41.908	ng	99
17) 2-Methylphenol	8.392	107	185018	39.465	ng	98
18) Hexachloroethane	9.039	117	79784	45.560	ng	91
19) n-Nitroso-di-n-propyla...	8.763	70	174163	37.532	ng	99
20) 3+4-Methylphenols	8.716	107	249797	38.910	ng	95
22) Acetophenone	8.774	105	339209	46.241	ng	# 98
24) Nitrobenzene	9.150	77	232530	44.990	ng	97
25) Isophorone	9.679	82	448855	41.798	ng	99
26) 2-Nitrophenol	9.861	139	102824	54.936	ng	95
27) 2,4-Dimethylphenol	9.926	122	159143	36.892	ng	99
28) bis(2-Chloroethoxy)met...	10.161	93	269163	42.455	ng	99
29) 2,4-Dichlorophenol	10.396	162	204786	51.697	ng	98
30) 1,2,4-Trichlorobenzene	10.613	180	219044	48.834	ng	99
31) Naphthalene	10.801	128	639649	44.447	ng	99
32) Benzoic acid	10.049	122	143276	49.647	ng	94
33) 4-Chloroaniline	10.901	127	16046	2.401	ng	97
34) Hexachlorobutadiene	11.095	225	140985	47.162	ng	96
35) Caprolactam	11.677	113	68318m	43.545	ng	
36) 4-Chloro-3-methylphenol	12.029	107	244812	48.379	ng	96
37) 2-Methylnaphthalene	12.411	142	457002	43.194	ng	97
38) 1-Methylnaphthalene	12.629	142	428982	42.919	ng	98
40) 1,2,4,5-Tetrachloroben...	12.776	216	270382	46.535	ng	99
41) Hexachlorocyclopentadiene	12.764	237	279877	94.733	ng	100
43) 2,4,6-Trichlorophenol	13.011	196	193406	51.695	ng	95

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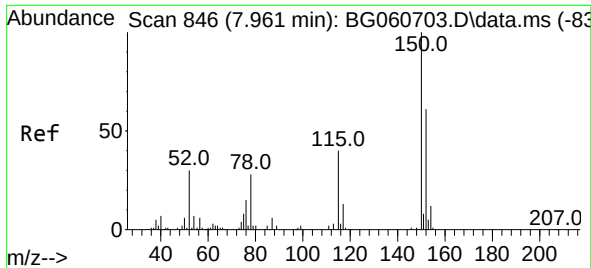
Manual Integrations
 APPROVED

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

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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	13.087	196	218946	49.038	ng	98
46) 1,1'-Biphenyl	13.422	154	635984	44.551	ng	99
47) 2-Chloronaphthalene	13.457	162	502434	46.324	ng	99
48) 2-Nitroaniline	13.651	65	181100	50.954	ng	97
49) Acenaphthylene	14.303	152	877386	48.145	ng	99
50) Dimethylphthalate	14.045	163	723796	45.310	ng	100
51) 2,6-Dinitrotoluene	14.156	165	145221	50.572	ng	94
52) Acenaphthene	14.650	154	594820m	51.985	ng	
53) 3-Nitroaniline	14.474	138	29567	11.715	ng	97
54) 2,4-Dinitrophenol	14.685	184	177657	159.775	ng	89
55) Dibenzofuran	14.985	168	826780	45.809	ng	99
56) 4-Nitrophenol	14.785	139	277800	118.957	ng	100
57) 2,4-Dinitrotoluene	14.944	165	219688	57.757	ng	91
58) Fluorene	15.637	166	679567	46.915	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.208	232	212777	54.684	ng	100
60) Diethylphthalate	15.414	149	727803	45.285	ng	99
61) 4-Chlorophenyl-phenyle...	15.631	204	341914	44.617	ng	96
62) 4-Nitroaniline	15.643	138	109668	37.549	ng	97
63) Azobenzene	15.925	77	681540	43.519	ng	96
65) 4,6-Dinitro-2-methylph...	15.707	198	125863	56.879	ng	96
66) n-Nitrosodiphenylamine	15.843	169	512700	34.357	ng	98
67) 4-Bromophenyl-phenylether	16.524	248	243848	46.012	ng	98
68) Hexachlorobenzene	16.636	284	283101	47.320	ng	95
69) Atrazine	16.794	200	74993	14.371	ng	98
70) Pentachlorophenol	16.977	266	405777	103.948	ng	99
71) Phenanthrene	17.376	178	1217522	44.830	ng	100
72) Anthracene	17.464	178	1248178	45.255	ng	99
73) Carbazole	17.729	167	865791	35.603	ng	98
74) Di-n-butylphthalate	18.316	149	1371961	45.253	ng	99
75) Fluoranthene	19.385	202	1532910	46.515	ng	98
78) Pyrene	19.744	202	1594672	45.551	ng	99
80) Butylbenzylphthalate	20.655	149	644417	50.461	ng	100
81) Benzo(a)anthracene	21.577	228	1647885	46.703	ng	99
83) Chrysene	21.642	228	1563006	45.959	ng	99
84) Bis(2-ethylhexyl)phtha...	21.524	149	955639	46.949	ng	98
85) Di-n-octyl phthalate	22.729	149	1655898	49.937	ng	99
87) Indeno(1,2,3-cd)pyrene	28.304	276	1991434	50.914	ng	97
88) Benzo(b)fluoranthene	23.751	252	1651412	51.754	ng	99
89) Benzo(k)fluoranthene	23.816	252	1620828	49.627	ng	98
90) Benzo(a)pyrene	24.591	252	1492906	48.144	ng	98
91) Dibenzo(a,h)anthracene	28.375	278	1665970	50.527	ng	98
92) Benzo(g,h,i)perylene	29.409	276	1496596	46.661	ng	99

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



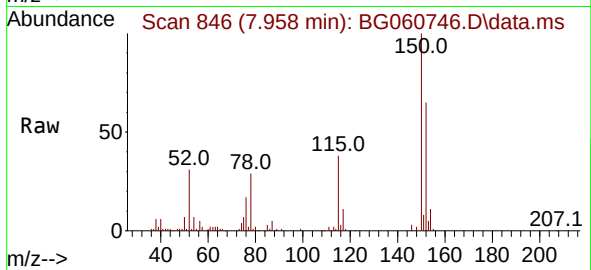
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.958 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: BG060746.D
 Acq: 2 Apr 2024 20:46

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BNA_G

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72-11991MS

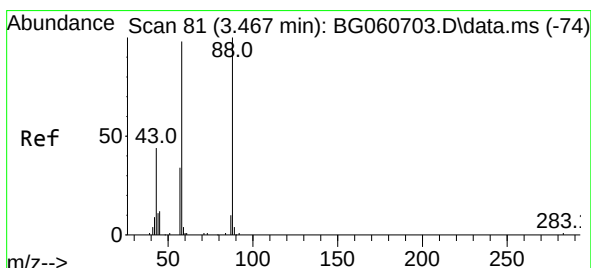
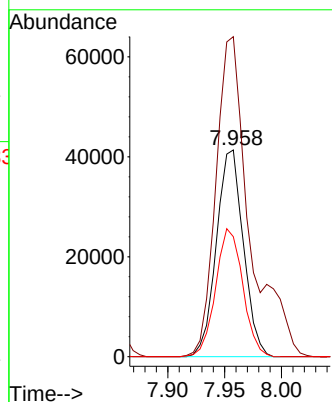
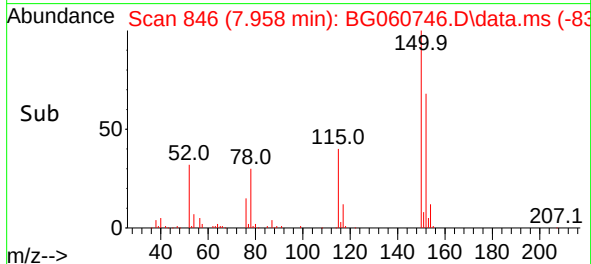


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 Ion Ratio Lower Upper
 152 100
 150 154.8 130.2 195.4
 115 58.1 51.6 77.4

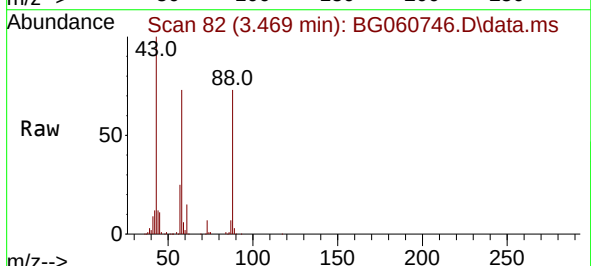
Manual Integrations

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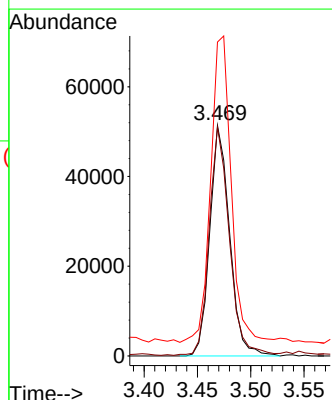
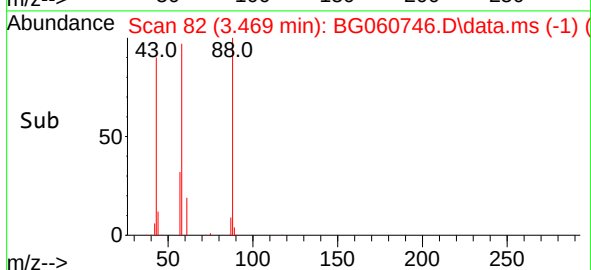
Reviewed By :Jagrut Upadhyay 04/03/2024
 Supervised By :mohammad ahmed 04/04/2024

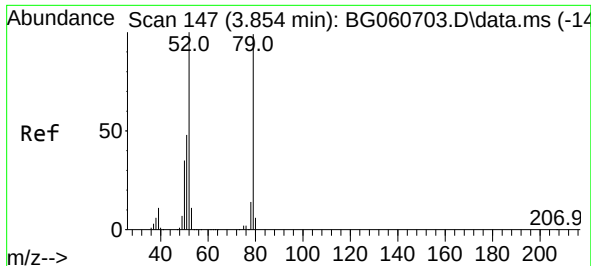


#2
 1,4-Dioxane
 Concen: 39.538 ng
 RT: 3.469 min Scan# 82
 Delta R.T. 0.002 min
 Lab File: BG060746.D
 Acq: 2 Apr 2024 20:46



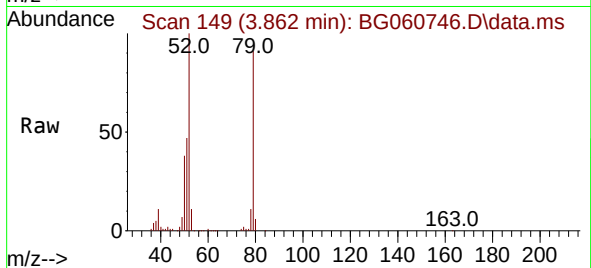
Tgt Ion: 88 Resp: 66452
 Ion Ratio Lower Upper
 88 100
 58 100.3 80.9 121.3
 43 137.0 35.4 53.0





#3
Pyridine
Concen: 38.227 ng
RT: 3.862 min Scan# 147
Delta R.T. 0.008 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

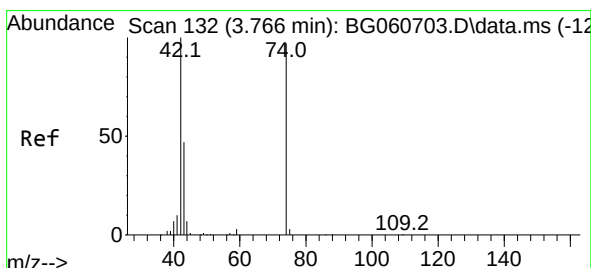
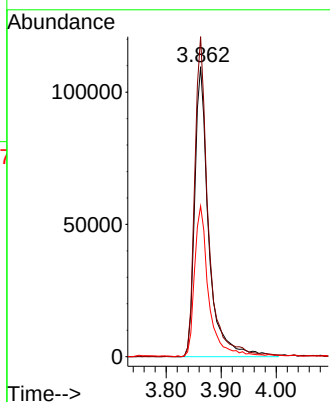
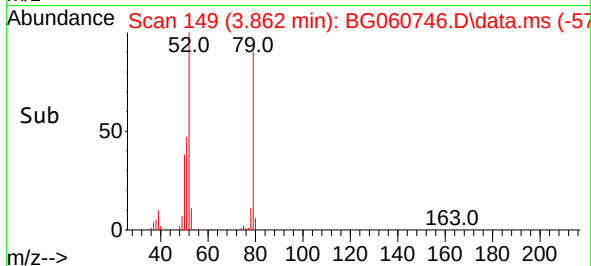
Instrument :
BNA_G
ClientSampleId :
72-11991MS



Tgt Ion: 79 Resp: 193800
Ion Ratio Lower Upper
79 100
52 110.4 80.6 120.8
51 51.9 39.1 58.7

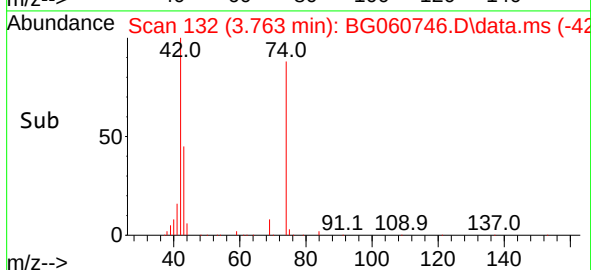
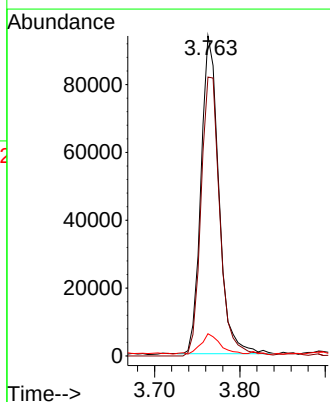
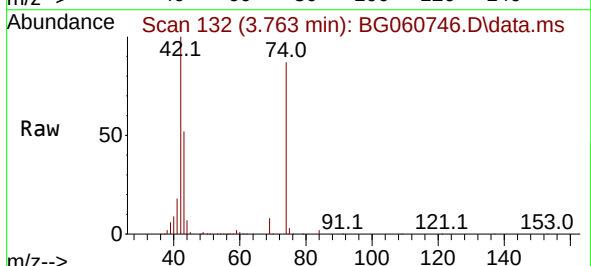
Manual Integrations
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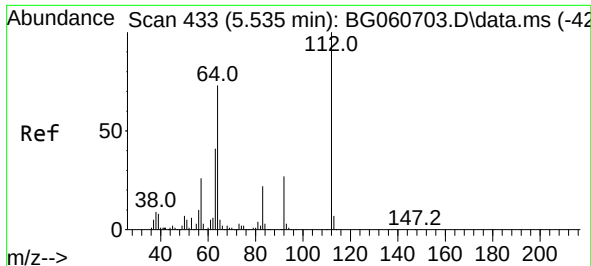
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#4
n-Nitrosodimethylamine
Concen: 45.053 ng
RT: 3.763 min Scan# 132
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion: 42 Resp: 136527
Ion Ratio Lower Upper
42 100
74 87.2 77.8 116.8
44 6.9 6.8 10.2





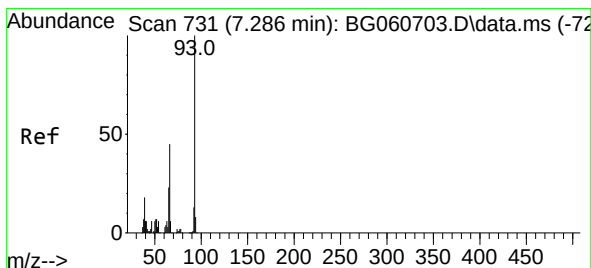
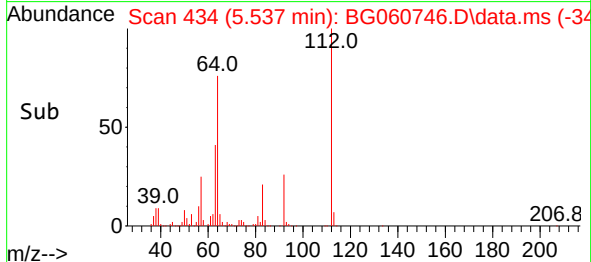
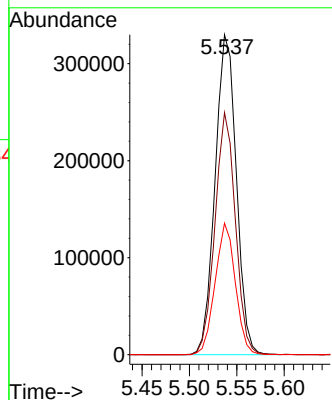
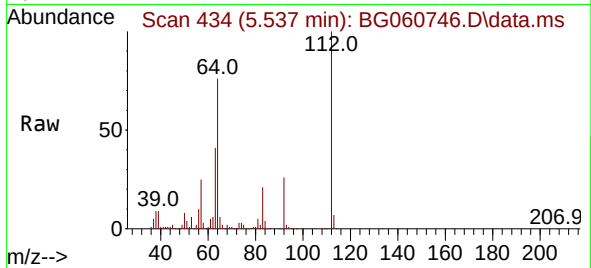
#5
2-Fluorophenol
Concen: 125.465 ng
RT: 5.537 min Scan# 433
Delta R.T. 0.002 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Instrument :
BNA_G
ClientSampleId :
72-11991MS

Tgt Ion: 112 Resp: 514320
Ion Ratio Lower Upper
112 100
64 75.6 58.4 87.6
63 41.1 32.7 49.1

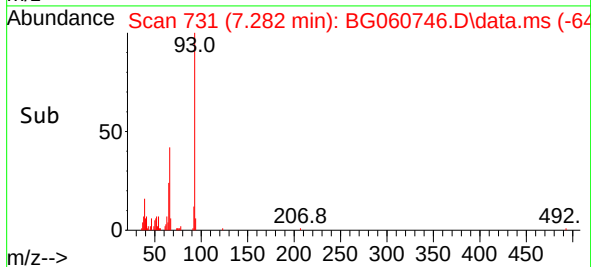
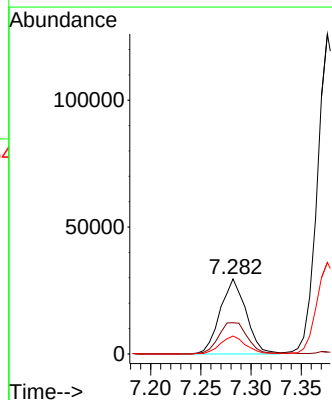
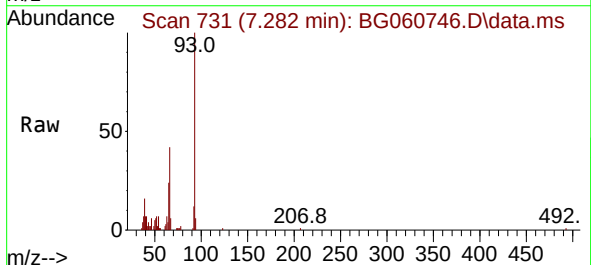
Manual Integrations
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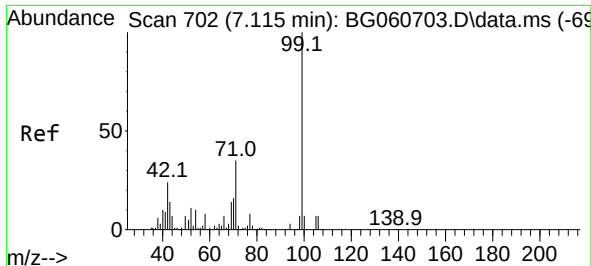
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#6
Aniline
Concen: 6.933 ng
RT: 7.282 min Scan# 731
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

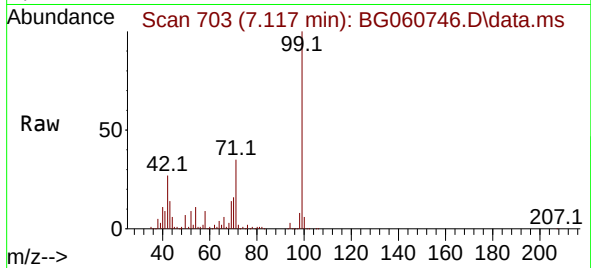
Tgt Ion: 93 Resp: 53277
Ion Ratio Lower Upper
93 100
66 41.7 36.1 54.1
65 23.9 18.1 27.1





#7
Phenol-d6
Concen: 107.120 ng
RT: 7.117 min Scan# 702
Delta R.T. 0.002 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

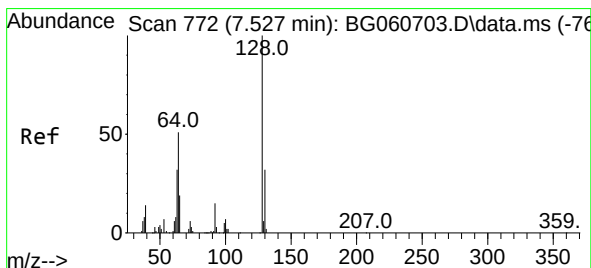
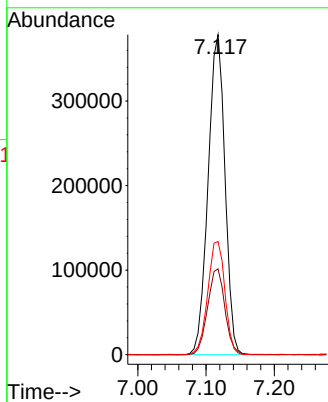
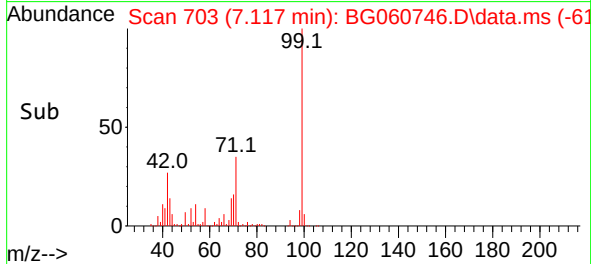
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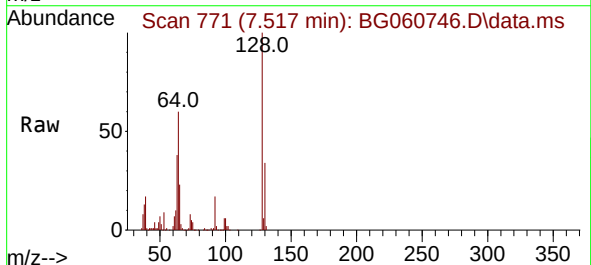
Tgt Ion: 99 Resp: 651829
Ion Ratio Lower Upper
99 100
42 26.8 19.4 29.2
71 35.4 28.2 42.2

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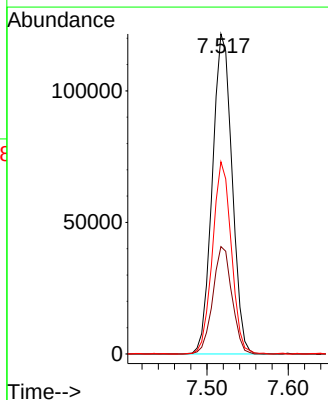
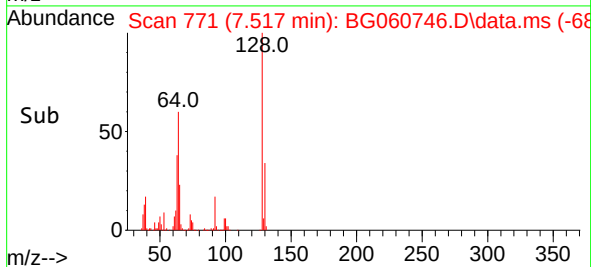
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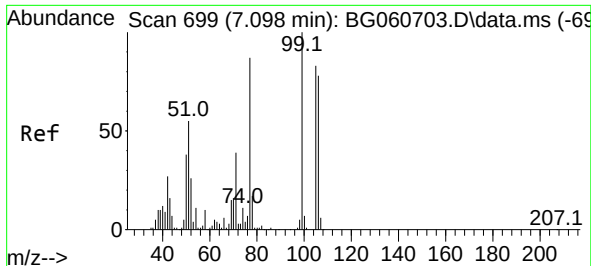


#8
2-Chlorophenol
Concen: 44.125 ng
RT: 7.517 min Scan# 771
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46



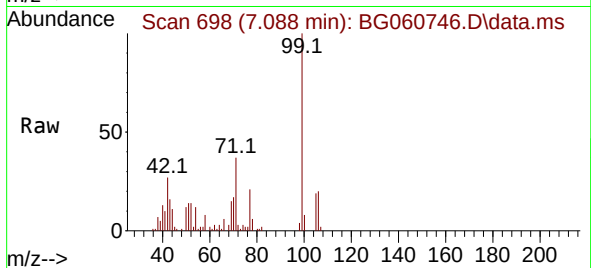
Tgt Ion:128 Resp: 205070
Ion Ratio Lower Upper
128 100
130 33.5 12.3 52.3
64 60.1 35.0 75.0





#9
Benzaldehyde
Concen: 3.712 ng m
RT: 7.088 min Scan# 699
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

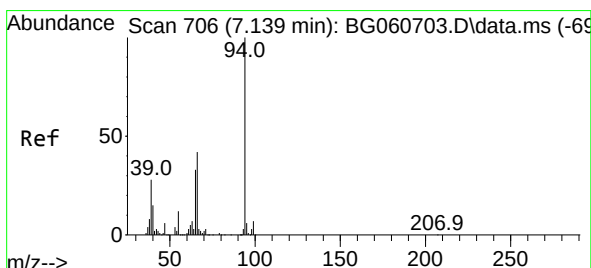
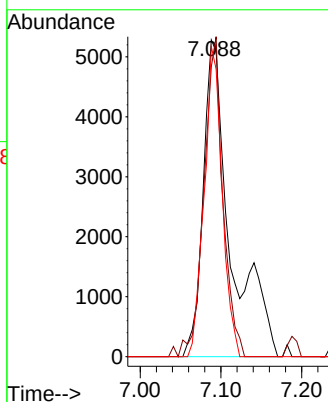
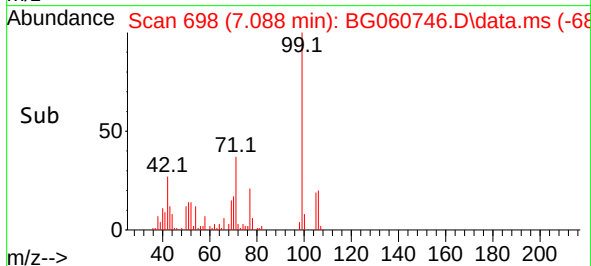
Instrument :
BNA_G
ClientSampleId :
72-11991MS



Tgt Ion: 77 Resp: 1245
Ion Ratio Lower Upper
77 100
105 91.6 76.0 116.0
106 97.9 70.3 110.3

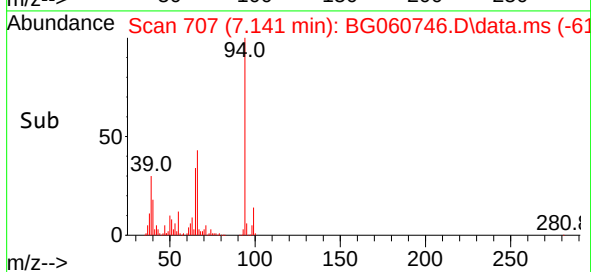
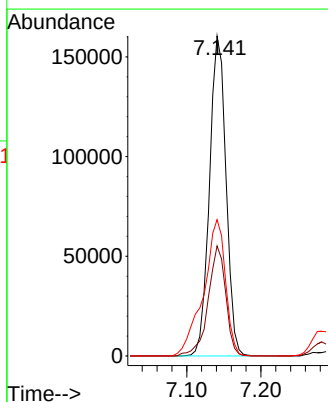
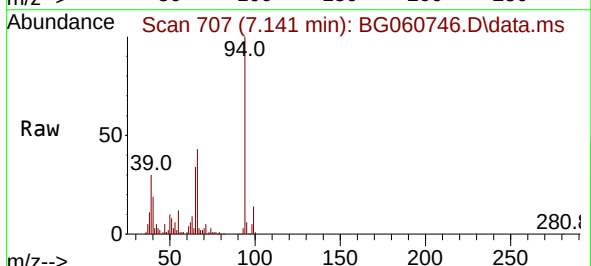
Manual Integrations
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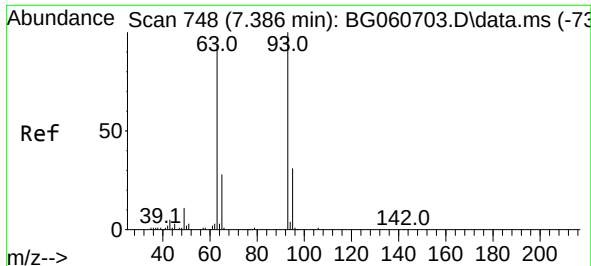
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#10
Phenol
Concen: 40.062 ng
RT: 7.141 min Scan# 707
Delta R.T. 0.002 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

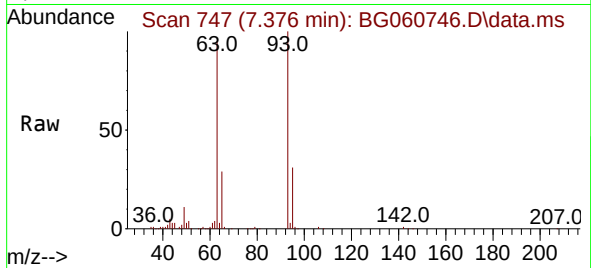
Tgt Ion: 94 Resp: 248788
Ion Ratio Lower Upper
94 100
65 34.4 13.3 53.3
66 42.6 22.9 62.9





#11
bis(2-Chloroethyl)ether
Concen: 38.662 ng
RT: 7.376 min Scan# 748
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

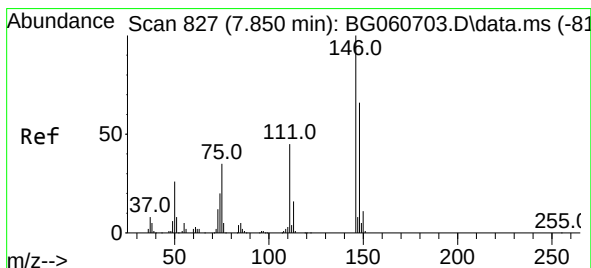
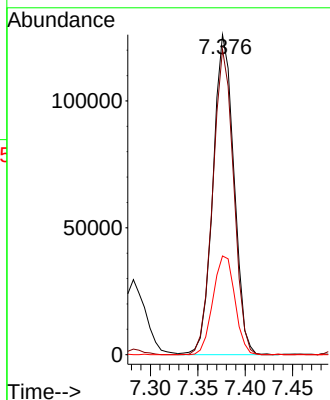
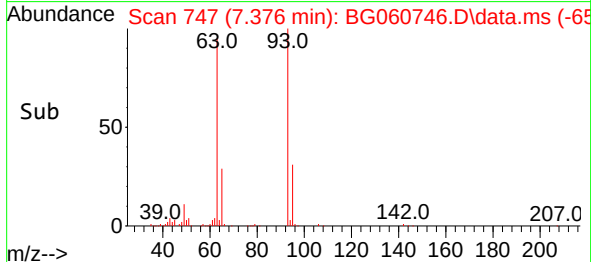
Instrument :
BNA_G
ClientSampleId :
72-11991MS



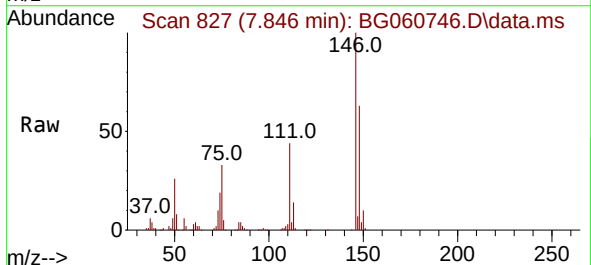
Tgt Ion: 93 Resp: 193849
Ion Ratio Lower Upper
93 100
63 95.4 73.7 113.7
95 30.8 11.2 51.2

Manual Integrations
APPROVED

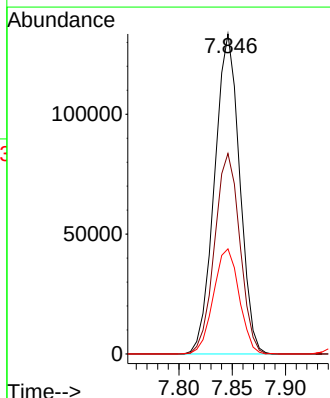
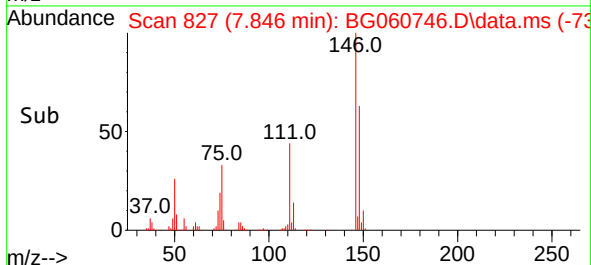
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

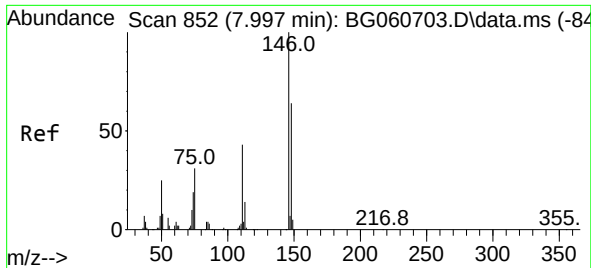


#12
1,3-Dichlorobenzene
Concen: 45.171 ng
RT: 7.846 min Scan# 827
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46



Tgt Ion:146 Resp: 218312
Ion Ratio Lower Upper
146 100
148 62.7 53.0 79.4
75 32.8 28.1 42.1





#13
1,4-Dichlorobenzene
Concen: 45.836 ng
RT: 7.993 min Scan# 852
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

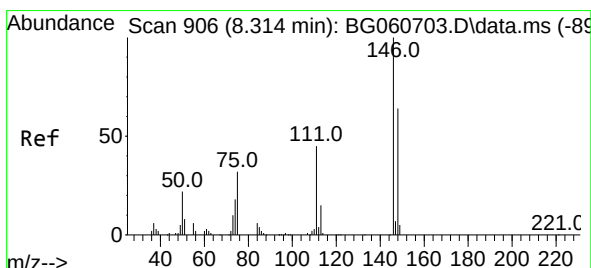
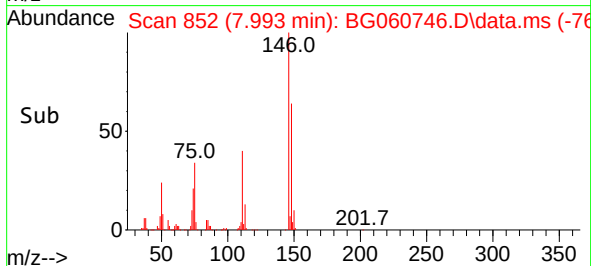
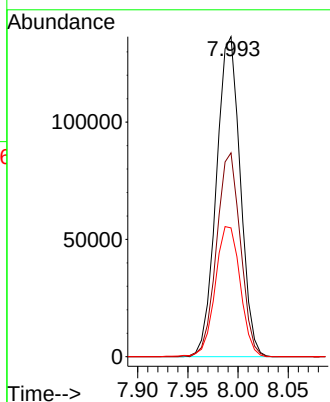
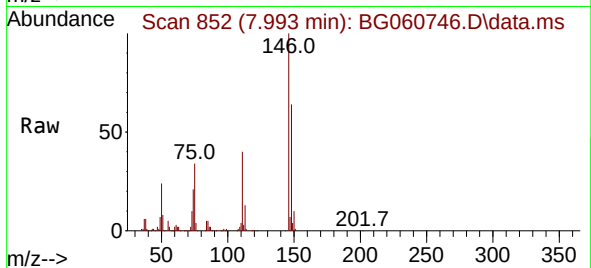
72-11991MS

Tgt Ion:146 Resp: 226004
Ion Ratio Lower Upper
146 100
148 63.7 51.1 76.7
111 40.3 35.0 52.6

Manual Integrations

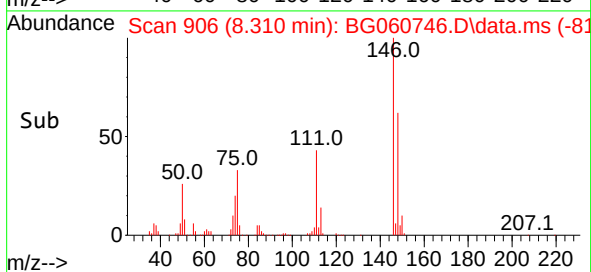
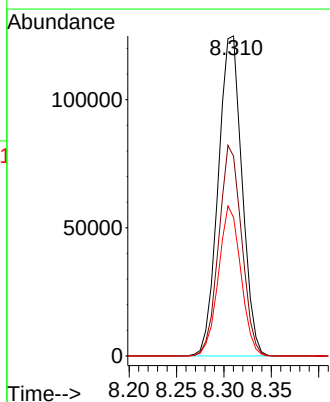
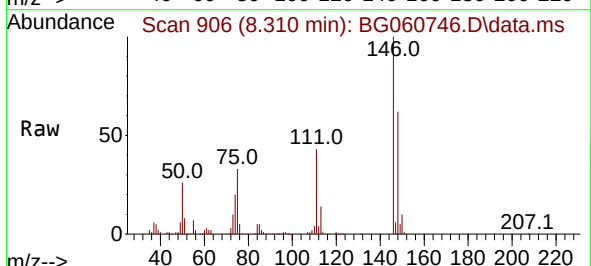
APPROVED

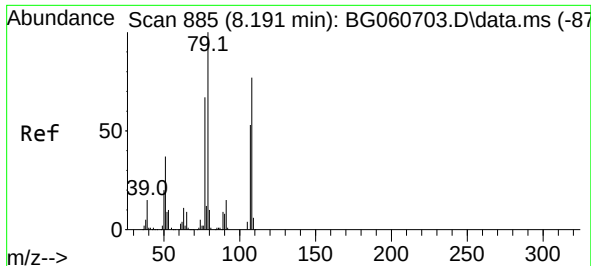
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#14
1,2-Dichlorobenzene
Concen: 45.175 ng
RT: 8.310 min Scan# 906
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

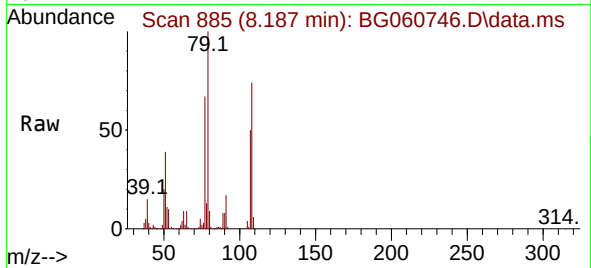
Tgt Ion:146 Resp: 218289
Ion Ratio Lower Upper
146 100
148 62.4 51.0 76.6
111 43.3 36.0 54.0





#15
Benzyl Alcohol
Concen: 38.249 ng
RT: 8.187 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

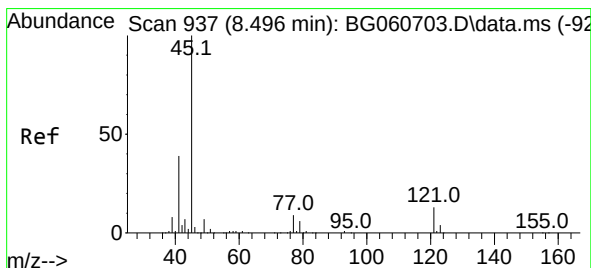
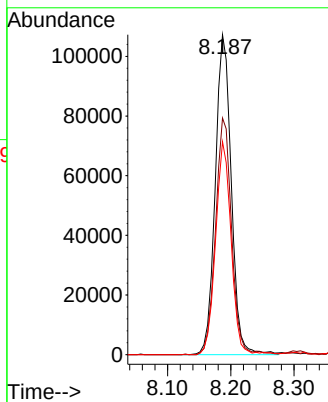
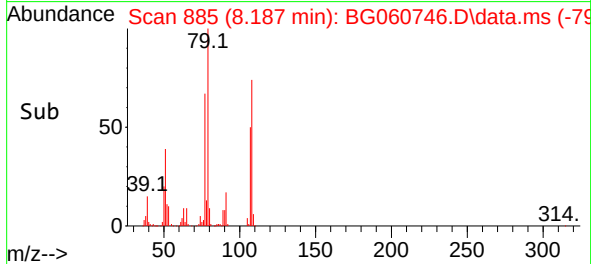
Instrument :
BNA_G
ClientSampleId :
72-11991MS



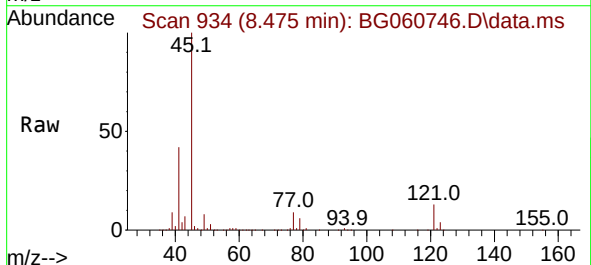
Tgt Ion: 79 Resp: 18853
Ion Ratio Lower Upper
79 100
108 74.0 61.4 92.0
77 66.5 53.6 80.4

Manual Integrations
APPROVED

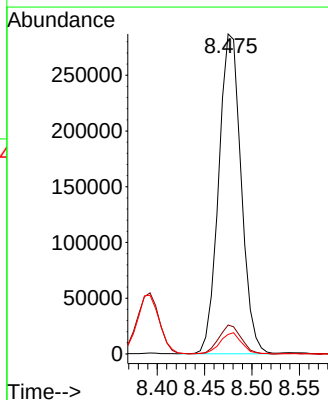
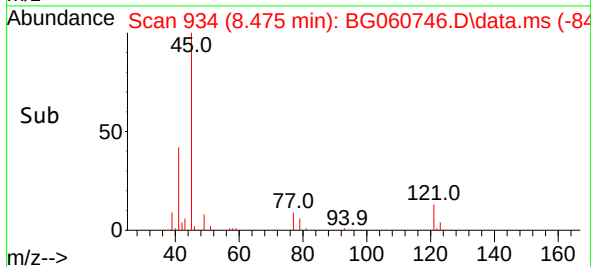
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

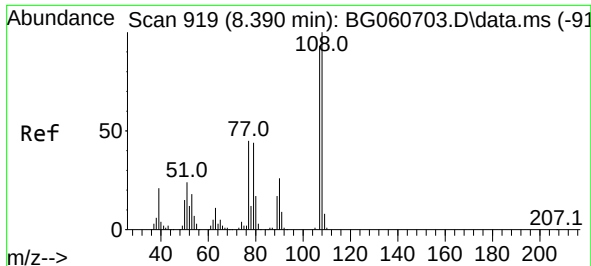


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.908 ng
RT: 8.475 min Scan# 934
Delta R.T. -0.021 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46



Tgt Ion: 45 Resp: 474195
Ion Ratio Lower Upper
45 100
77 9.1 0.0 29.1
79 6.1 0.0 26.5





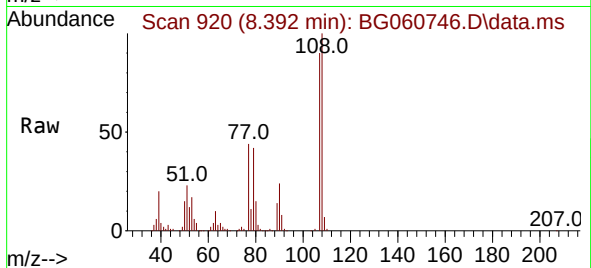
#17
2-Methylphenol
Concen: 39.465 ng
RT: 8.392 min Scan# 919
Delta R.T. 0.002 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

72-11991MS

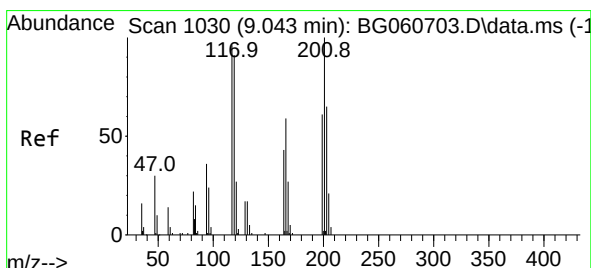
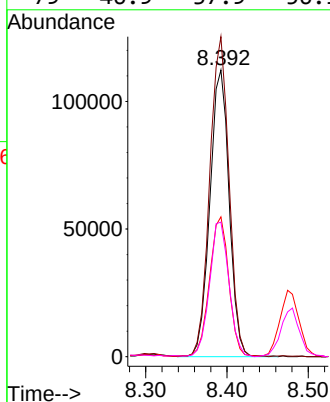
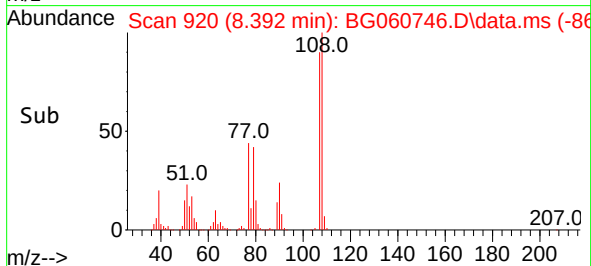


Tgt Ion:107 Resp: 185018
Ion Ratio Lower Upper
107 100
108 111.6 86.4 129.6
77 48.8 38.6 58.0
79 46.9 37.9 56.9

Manual Integrations

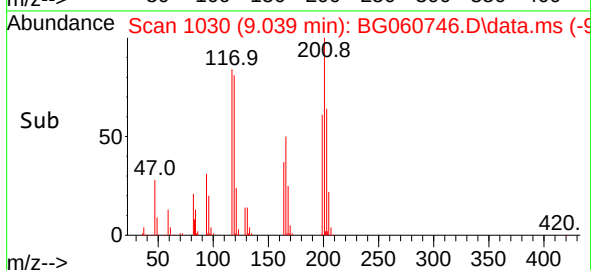
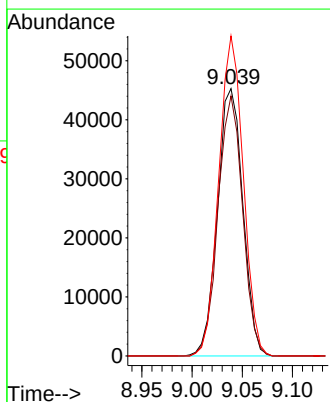
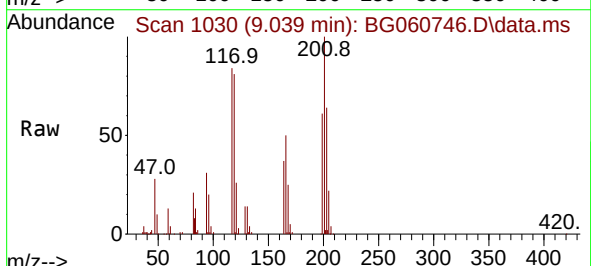
APPROVED

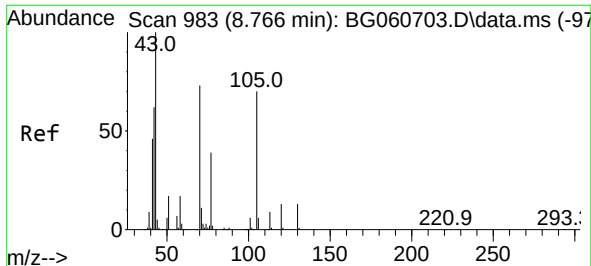
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#18
Hexachloroethane
Concen: 45.560 ng
RT: 9.039 min Scan# 1030
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

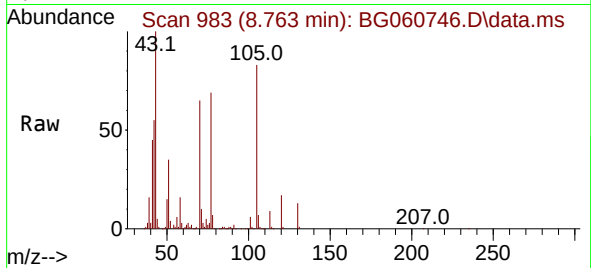
Tgt Ion:117 Resp: 79784
Ion Ratio Lower Upper
117 100
119 97.3 75.7 113.5
201 119.7 83.4 125.2





#19
n-Nitroso-di-n-propylamine
Concen: 37.532 ng
RT: 8.763 min Scan# 983
Delta R.T. -0.003 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

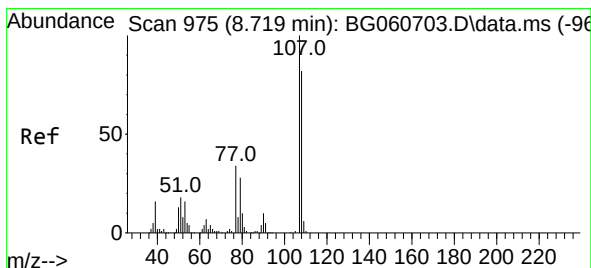
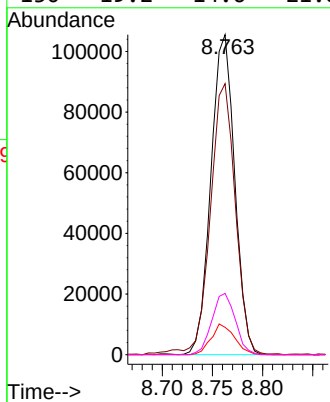
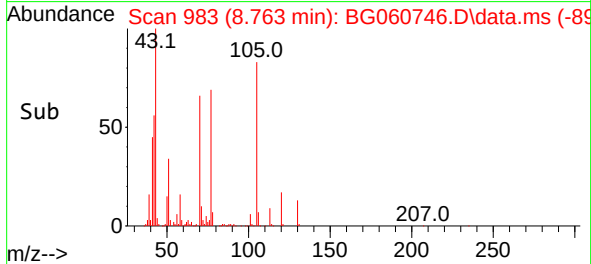
Instrument :
BNA_G
ClientSampleId :
72-11991MS



Tgt Ion: 70 Resp: 17416
Ion Ratio Lower Upper
70 100
42 84.7 68.4 102.6
101 8.5 6.1 9.1
130 19.2 14.6 21.8

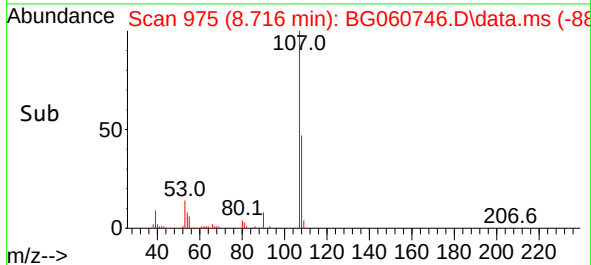
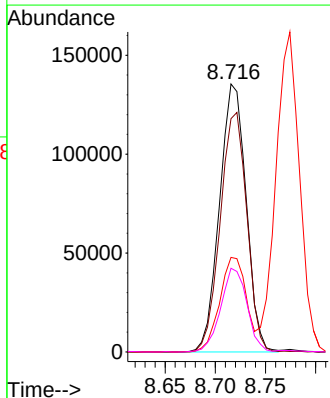
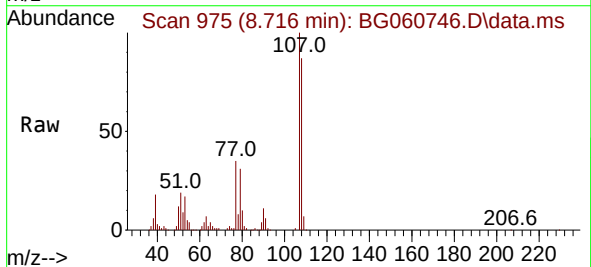
Manual Integrations
APPROVED

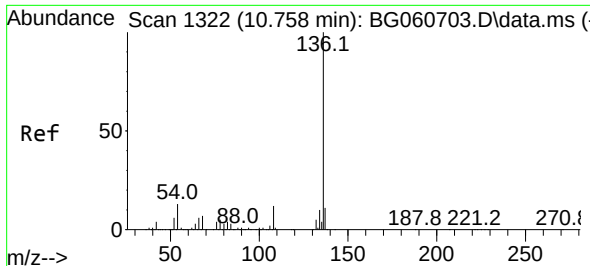
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#20
3+4-Methylphenols
Concen: 38.910 ng
RT: 8.716 min Scan# 975
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:107 Resp: 249797
Ion Ratio Lower Upper
107 100
108 87.0 62.2 102.2
77 35.3 14.1 54.1
79 31.2 7.7 47.7





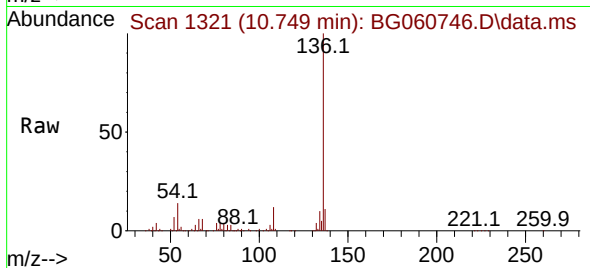
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.749 min Scan# 1321
Delta R.T. -0.009 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

72-11991MS

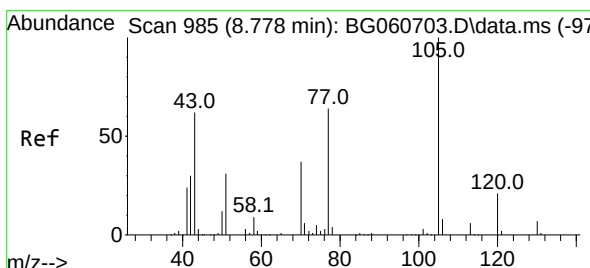
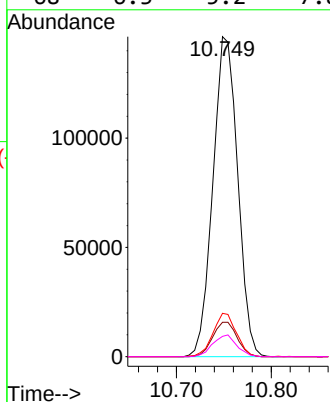
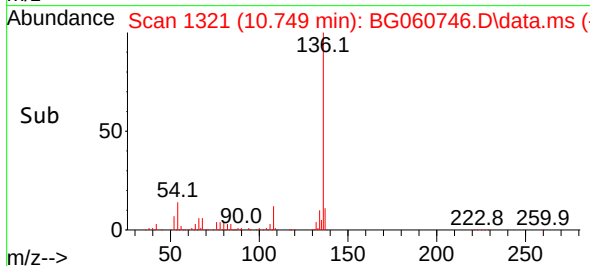


Tgt Ion:136 Resp: 26604
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 13.6 10.2 15.2
68 6.3 5.2 7.8

Manual Integrations

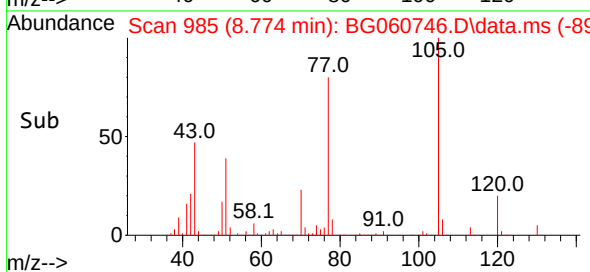
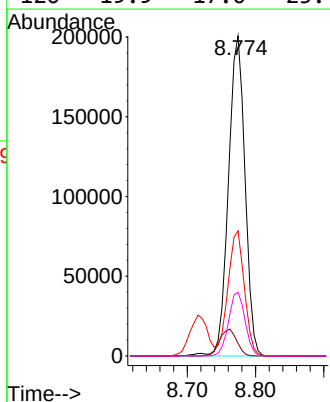
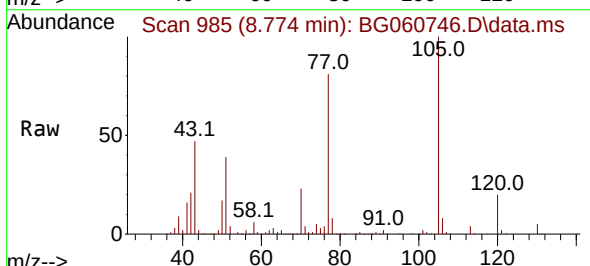
APPROVED

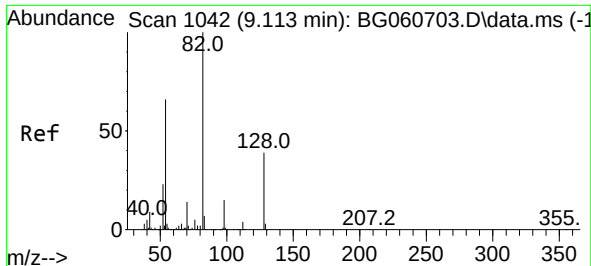
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#22
Acetophenone
Concen: 46.241 ng
RT: 8.774 min Scan# 985
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:105 Resp: 339209
Ion Ratio Lower Upper
105 100
71 4.0 4.9 7.3#
51 39.1 31.1 46.7
120 19.9 17.0 25.4





#23
Nitrobenzene-d5
Concen: 99.970 ng
RT: 9.109 min Scan# 1042
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

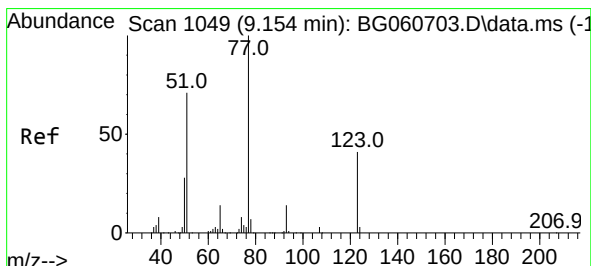
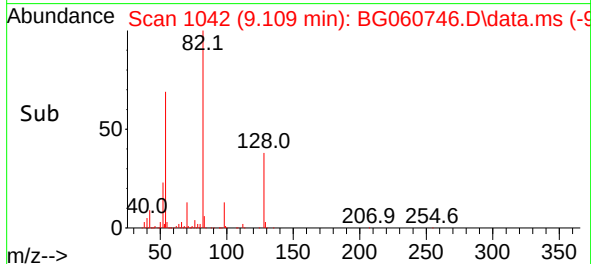
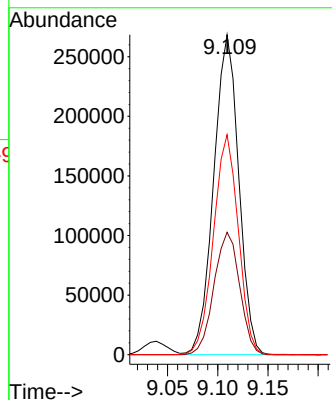
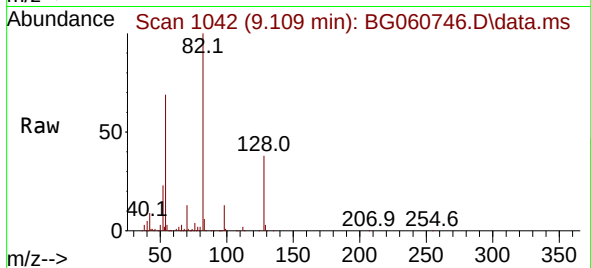
72-11991MS

Tgt Ion: 82 Resp: 466093
Ion Ratio Lower Upper
82 100
128 38.3 31.2 46.8
54 68.8 53.2 79.8

Manual Integrations

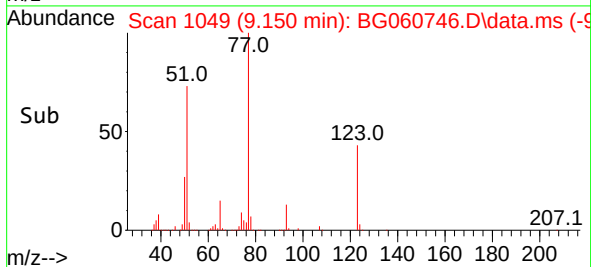
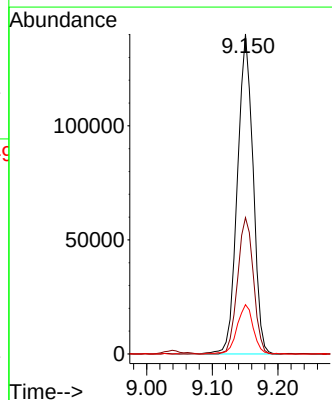
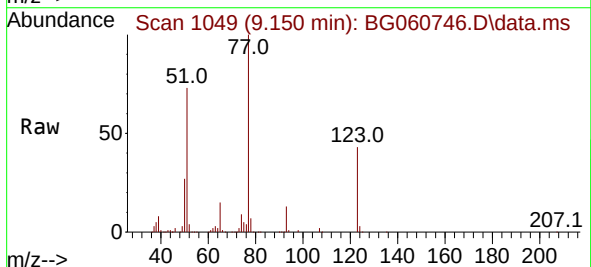
APPROVED

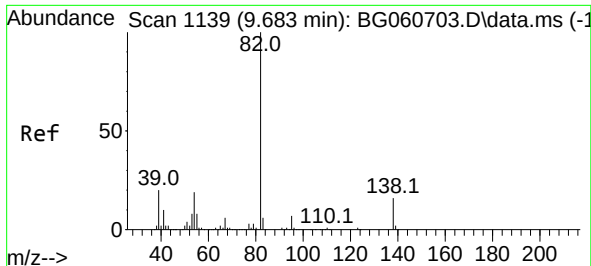
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#24
Nitrobenzene
Concen: 44.990 ng
RT: 9.150 min Scan# 1049
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

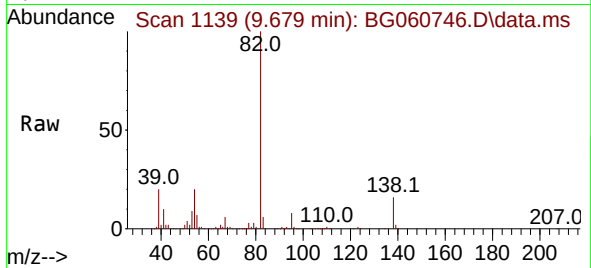
Tgt Ion: 77 Resp: 232530
Ion Ratio Lower Upper
77 100
123 42.6 32.7 49.1
65 15.4 11.3 16.9





#25
Isophorone
Concen: 41.798 ng
RT: 9.679 min Scan# 1139
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

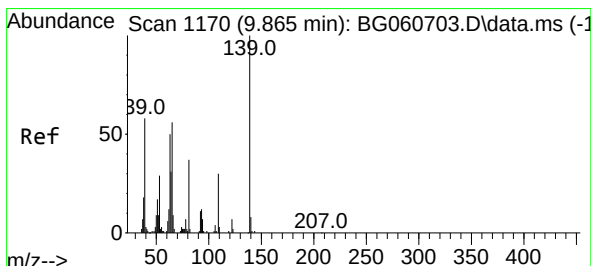
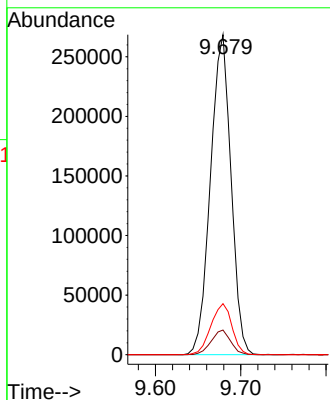
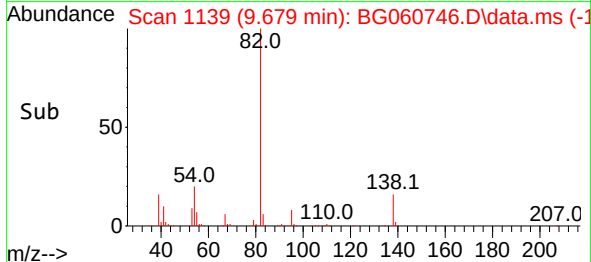
Instrument :
BNA_G
ClientSampleId :
72-11991MS



Tgt Ion: 82 Resp: 44885
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.8
138 15.9 13.0 19.4

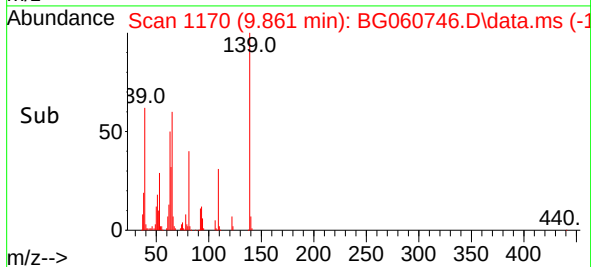
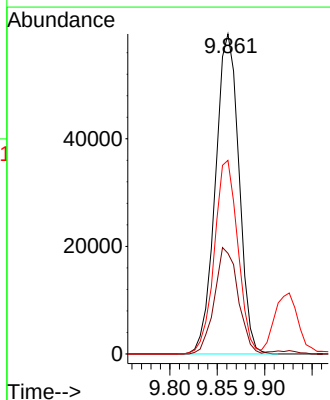
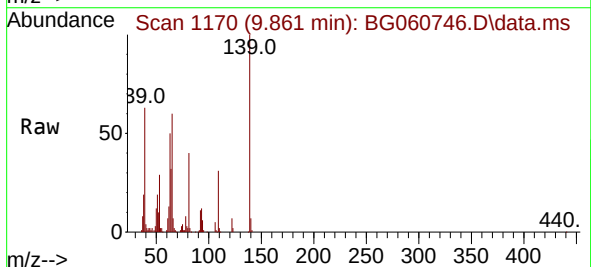
Manual Integrations
APPROVED

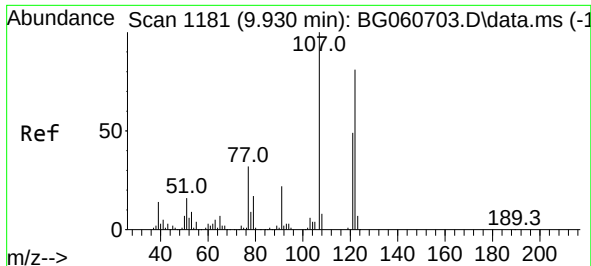
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#26
2-Nitrophenol
Concen: 54.936 ng
RT: 9.861 min Scan# 1170
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:139 Resp: 102824
Ion Ratio Lower Upper
139 100
109 31.4 23.9 35.9
65 60.5 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 36.892 ng

RT: 9.926 min Scan# 1181

Delta R.T. -0.004 min

Lab File: BG060746.D

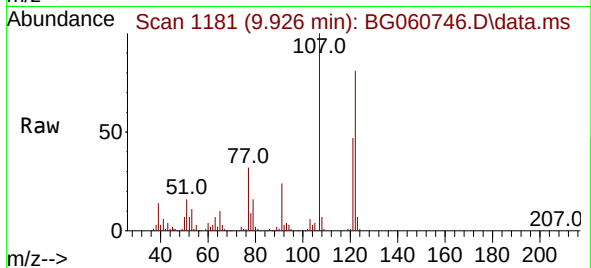
Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

72-11991MS

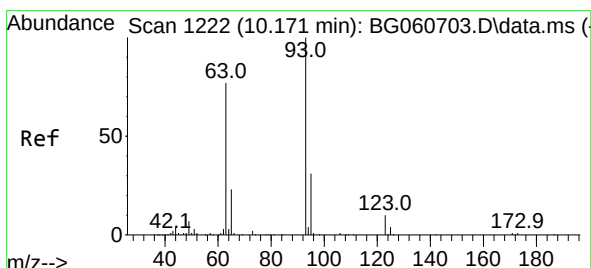
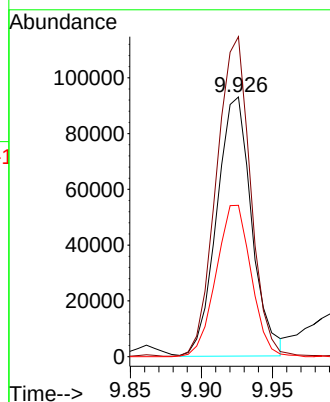
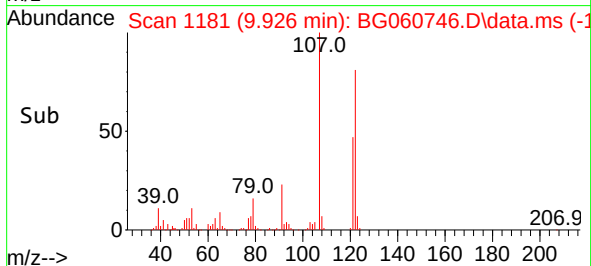


Tgt Ion:	122	Resp:	15914
Ion	Ratio	Lower	Upper
122	100		
107	123.2	98.6	147.8
121	58.3	48.1	72.1

Manual Integrations

APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 42.455 ng

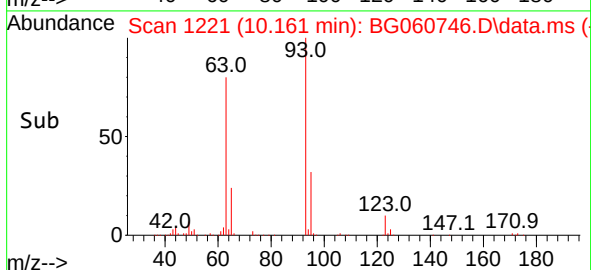
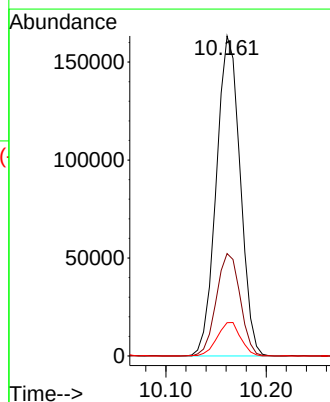
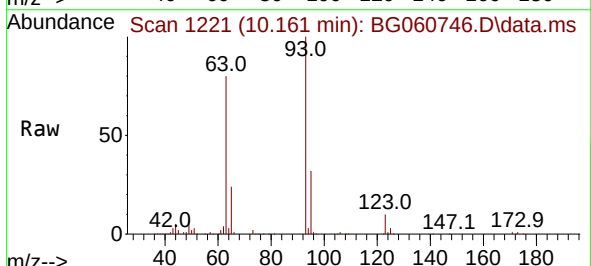
RT: 10.161 min Scan# 1221

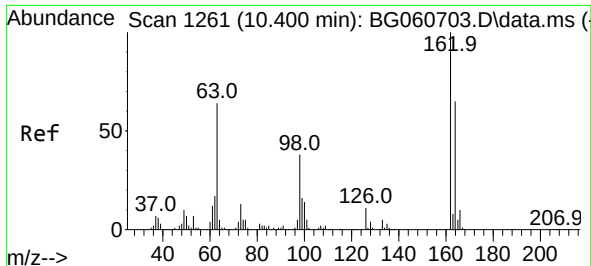
Delta R.T. -0.010 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

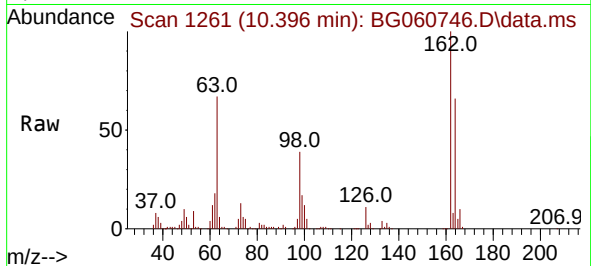
Tgt Ion:	93	Resp:	269163
Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.1	37.7
123	10.4	8.0	12.0





#29
2,4-Dichlorophenol
Concen: 51.697 ng
RT: 10.396 min Scan# 1261
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

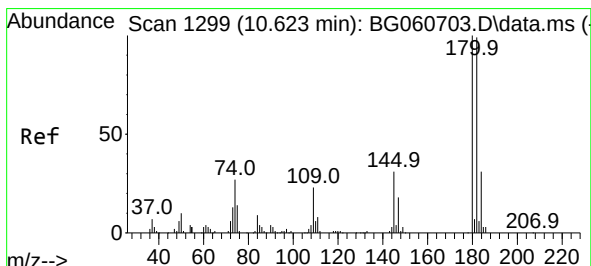
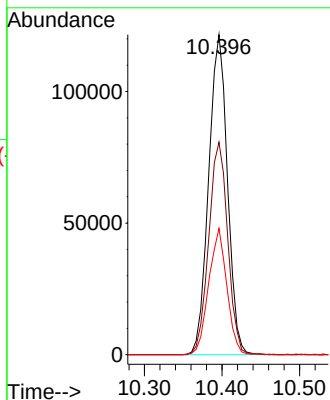
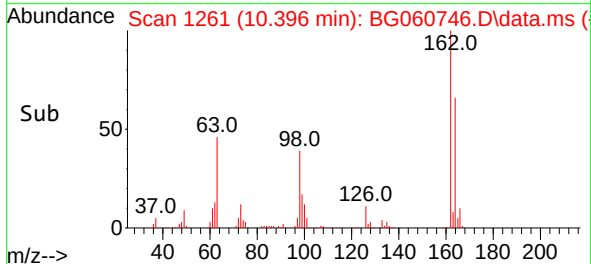
Instrument :
BNA_G
ClientSampleId :
72-11991MS



Tgt Ion:162 Resp: 204780
Ion Ratio Lower Upper
162 100
164 66.4 45.2 85.2
98 39.4 17.7 57.7

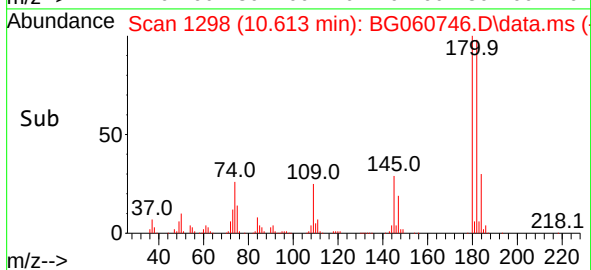
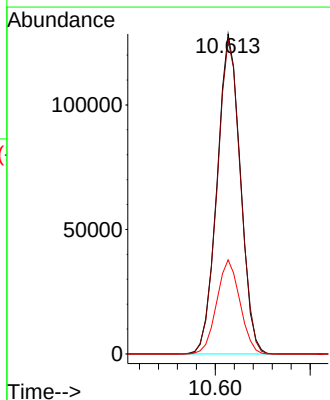
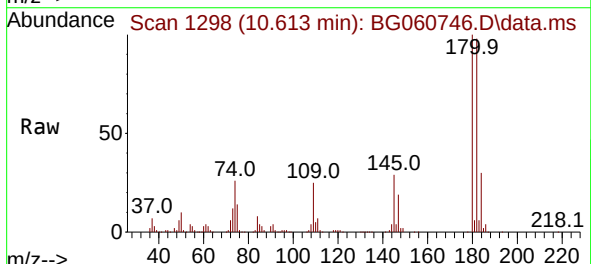
Manual Integrations
APPROVED

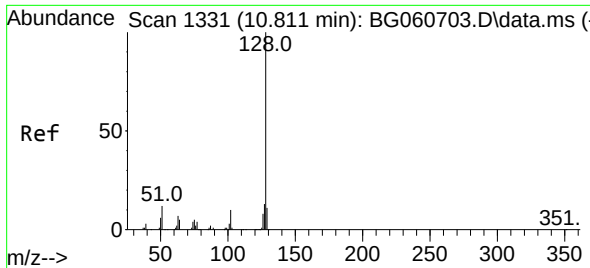
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#30
1,2,4-Trichlorobenzene
Concen: 48.834 ng
RT: 10.613 min Scan# 1298
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:180 Resp: 219044
Ion Ratio Lower Upper
180 100
182 98.2 79.0 118.4
145 29.4 24.9 37.3





#31
Naphthalene
Concen: 44.447 ng
RT: 10.801 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

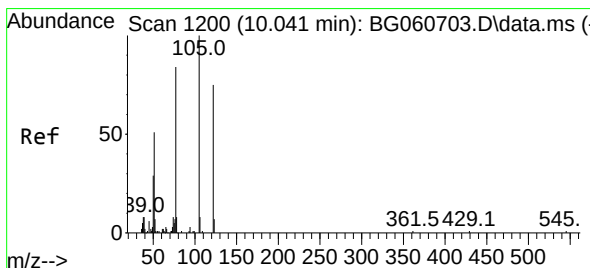
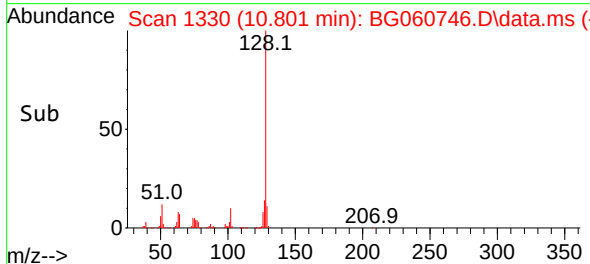
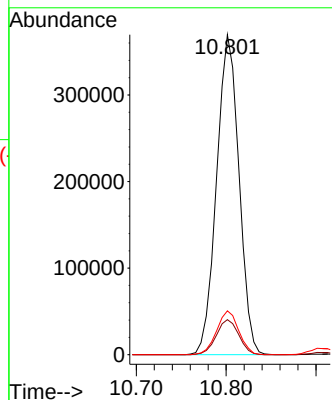
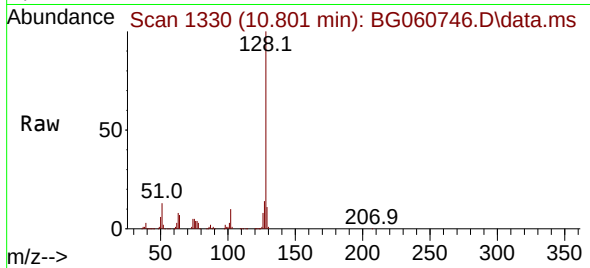
72-11991MS

Tgt Ion:128 Resp: 639649
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.7 10.5 15.7

Manual Integrations

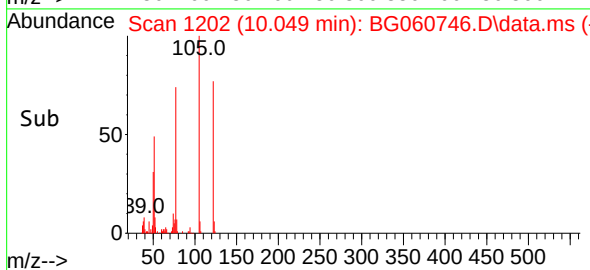
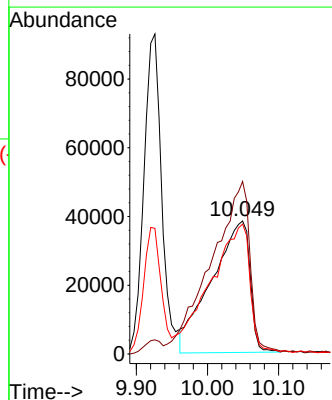
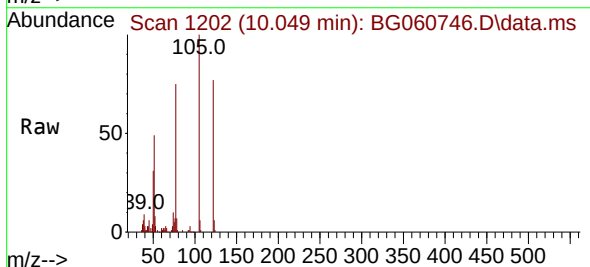
APPROVED

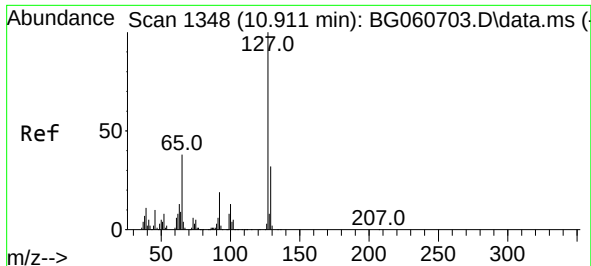
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#32
Benzoic acid
Concen: 49.647 ng
RT: 10.049 min Scan# 1202
Delta R.T. 0.008 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:122 Resp: 143276
Ion Ratio Lower Upper
122 100
105 129.7 104.5 144.5
77 97.7 85.3 125.3





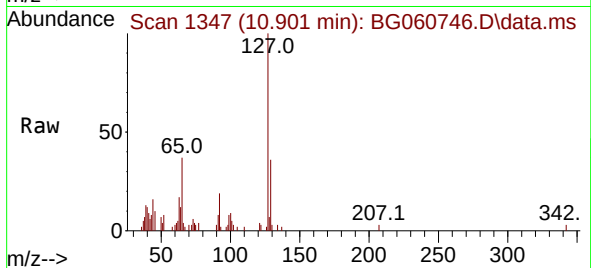
#33
4-Chloroaniline
Concen: 2.401 ng
RT: 10.901 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

72-11991MS

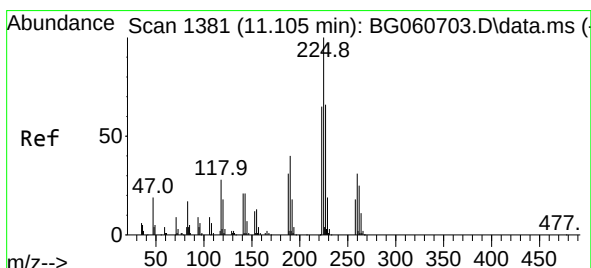
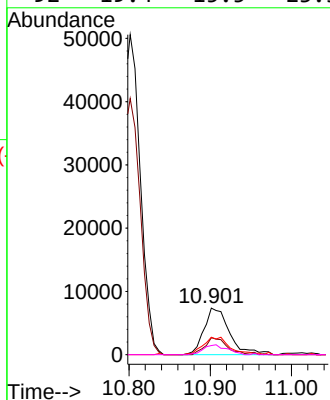
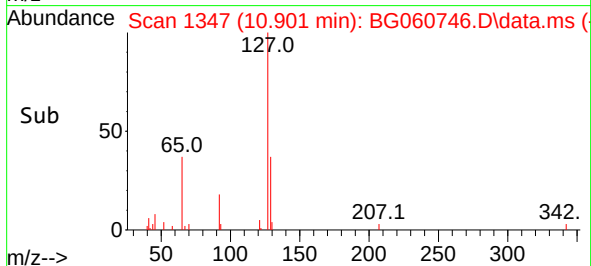


Tgt Ion	Ratio	Lower	Upper
127	100		
129	36.4	25.3	37.9
65	37.3	30.2	45.2
92	19.4	15.5	23.3

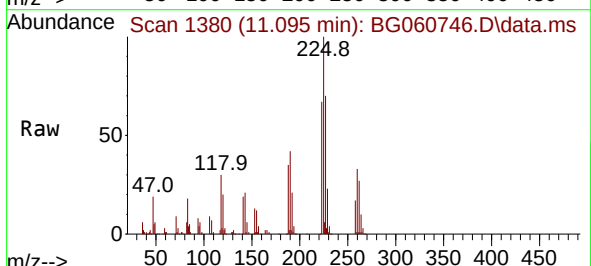
Manual Integrations

APPROVED

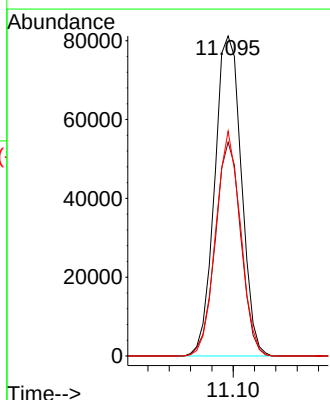
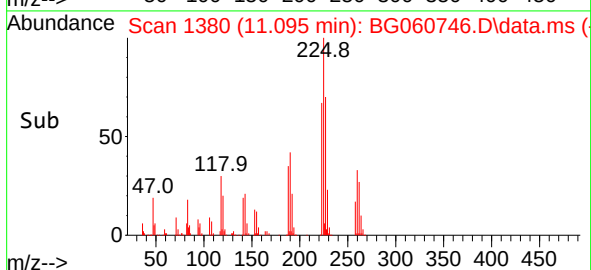
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

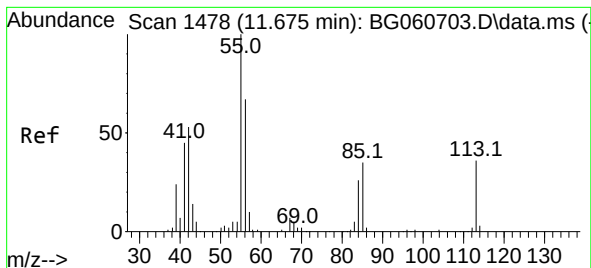


#34
Hexachlorobutadiene
Concen: 47.162 ng
RT: 11.095 min Scan# 1380
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46



Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.8	52.0	78.0
227	70.3	52.5	78.7





#35
Caprolactam
Concen: 43.545 ng m
RT: 11.677 min Scan# 1478
Delta R.T. 0.002 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

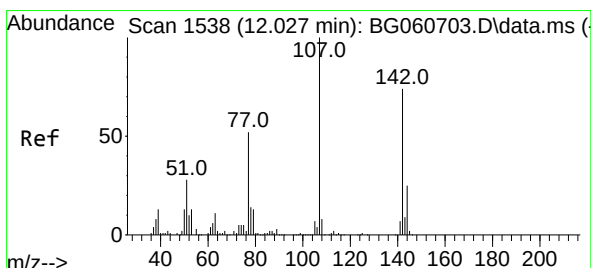
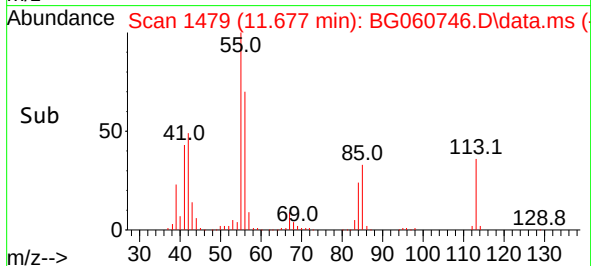
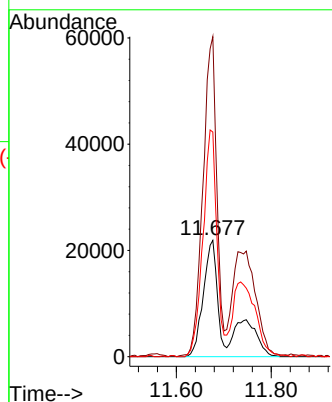
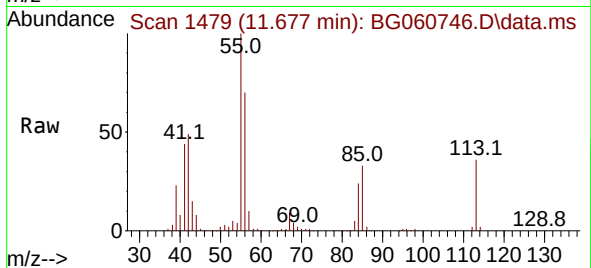
72-11991MS

Tgt Ion:113 Resp: 68318
Ion Ratio Lower Upper
113 100
55 275.0 258.0 298.0
56 193.0 166.3 206.3

Manual Integrations

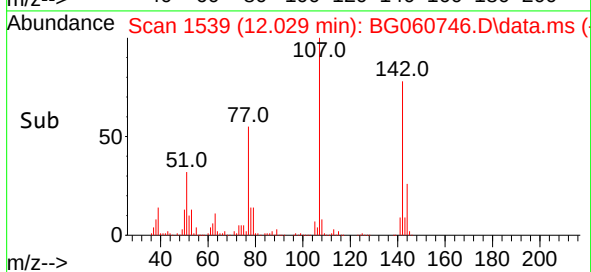
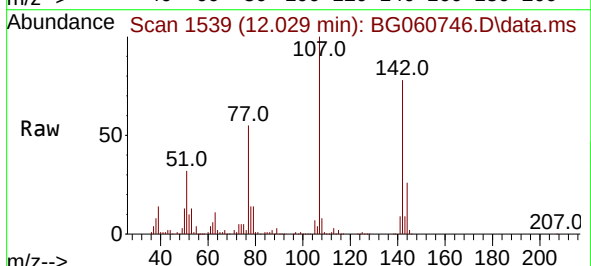
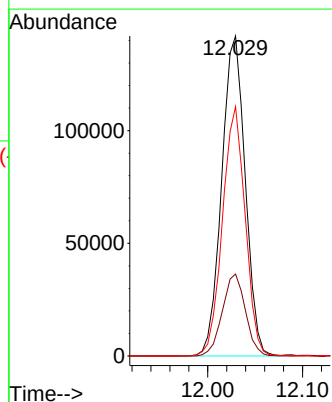
APPROVED

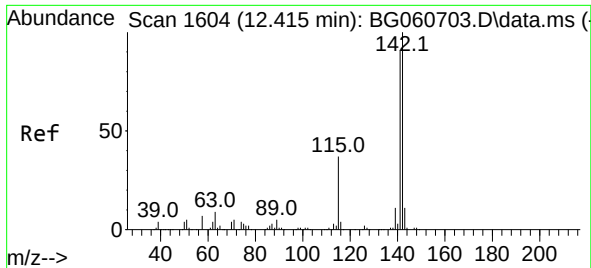
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#36
4-Chloro-3-methylphenol
Concen: 48.379 ng
RT: 12.029 min Scan# 1539
Delta R.T. 0.002 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:107 Resp: 244812
Ion Ratio Lower Upper
107 100
144 25.6 20.0 30.0
142 77.9 59.2 88.8





#37
2-Methylnaphthalene
Concen: 43.194 ng
RT: 12.411 min Scan# 1604
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

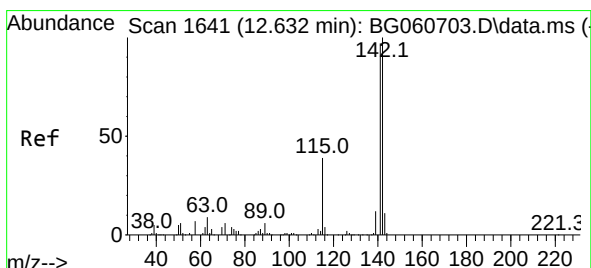
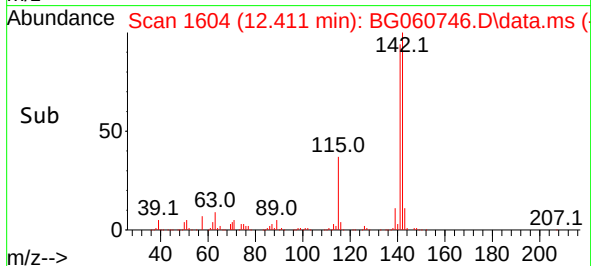
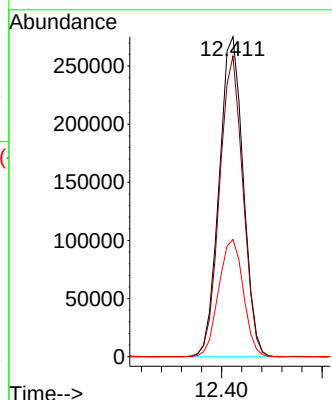
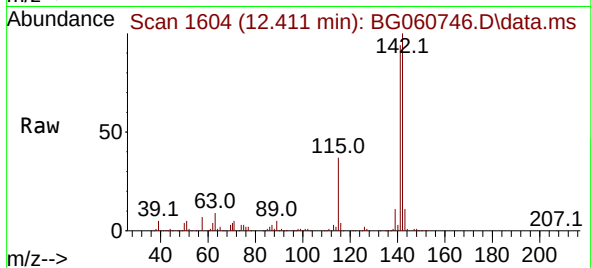
72-11991MS

Tgt Ion:142 Resp: 457002
Ion Ratio Lower Upper
142 100
141 93.9 72.7 109.1
115 36.7 29.9 44.9

Manual Integrations

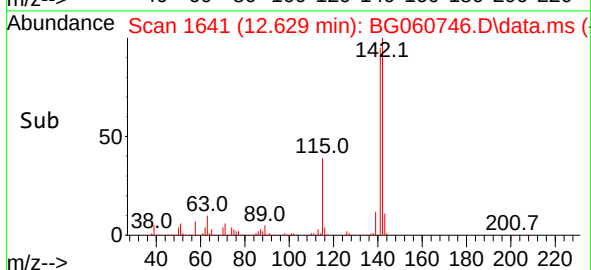
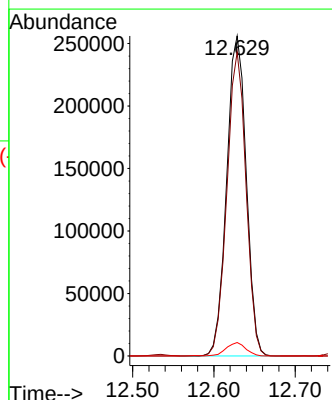
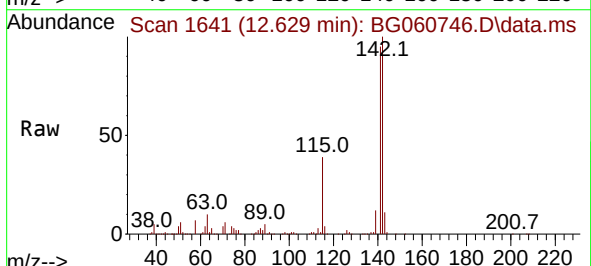
APPROVED

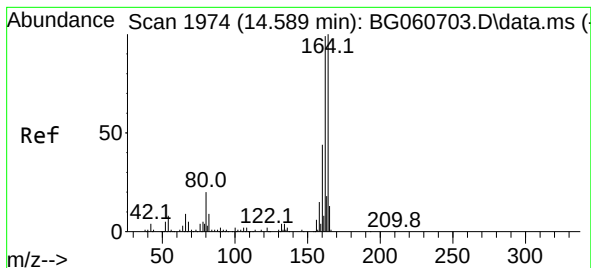
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#38
1-Methylnaphthalene
Concen: 42.919 ng
RT: 12.629 min Scan# 1641
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:142 Resp: 428982
Ion Ratio Lower Upper
142 100
141 95.0 77.7 116.5
116 4.2 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.585 min Scan# 1974

Delta R.T. -0.004 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

72-11991MS

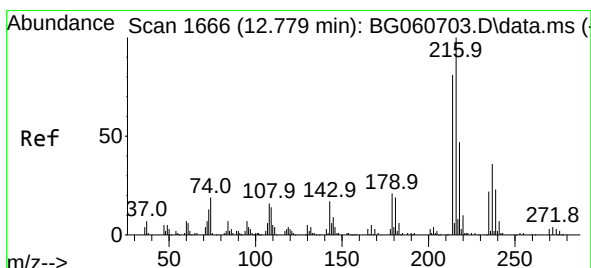
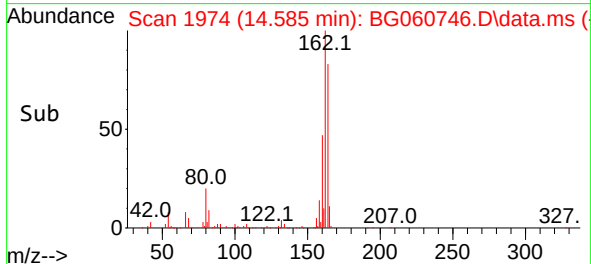
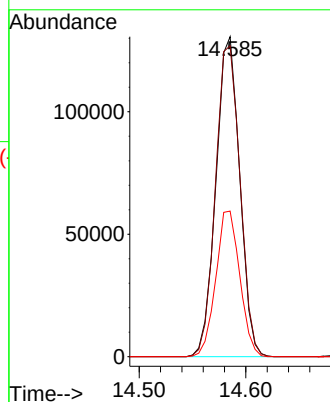
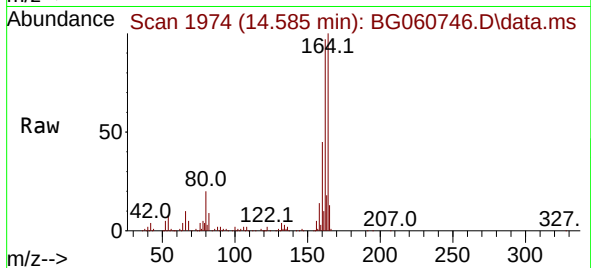
Tgt Ion:164 Resp: 202104

Ion	Ratio	Lower	Upper
164	100		
162	97.2	79.5	119.3
160	45.5	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: 46.535 ng

RT: 12.776 min Scan# 1666

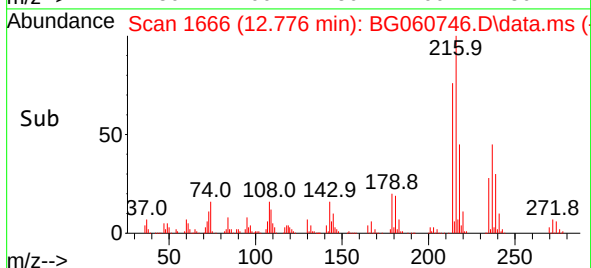
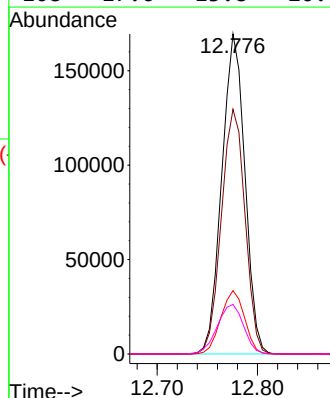
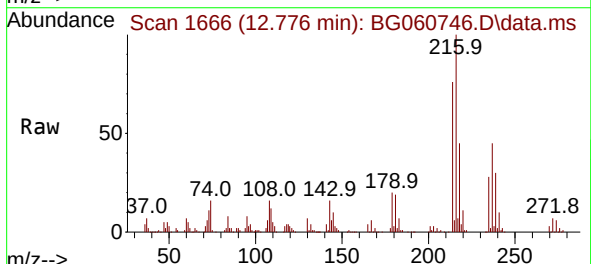
Delta R.T. -0.004 min

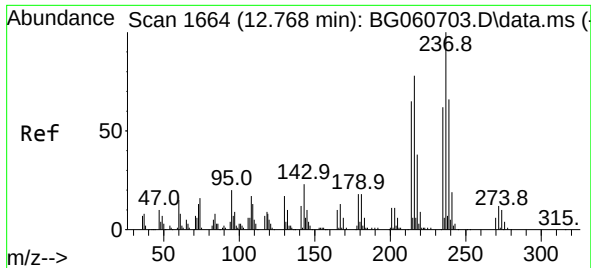
Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

Tgt Ion:216 Resp: 270382

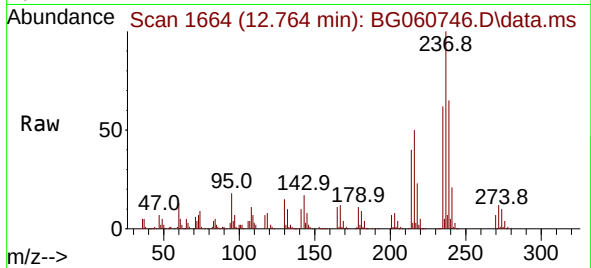
Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.1	94.7
179	20.3	16.7	25.1
108	17.6	13.8	20.6





#41
Hexachlorocyclopentadiene
Concen: 94.733 ng
RT: 12.764 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

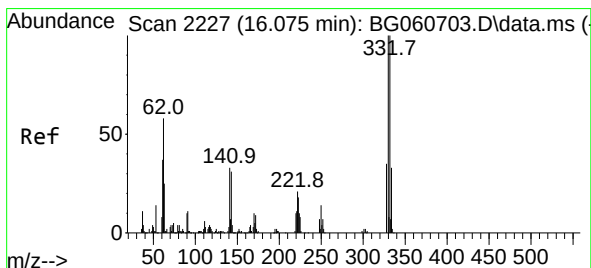
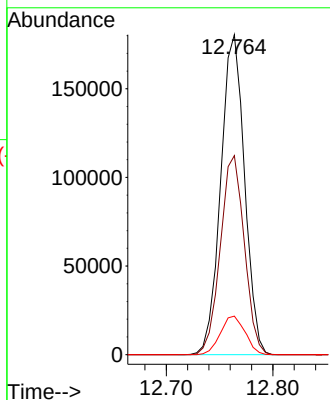
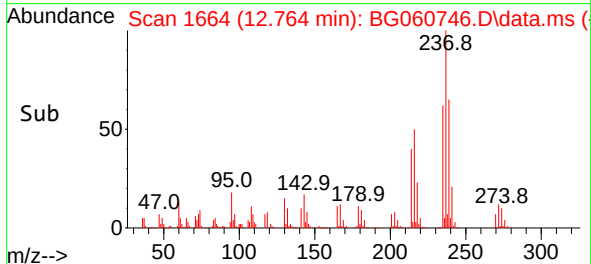
Instrument :
BNA_G
ClientSampleId :
72-11991MS



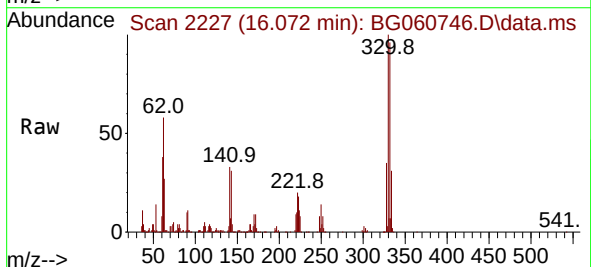
Tgt Ion:237 Resp: 27987
Ion Ratio Lower Upper
237 100
235 62.2 42.0 82.0
272 12.0 0.0 32.4

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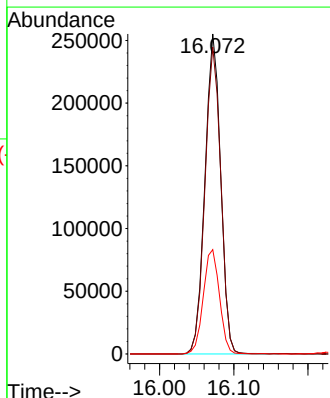
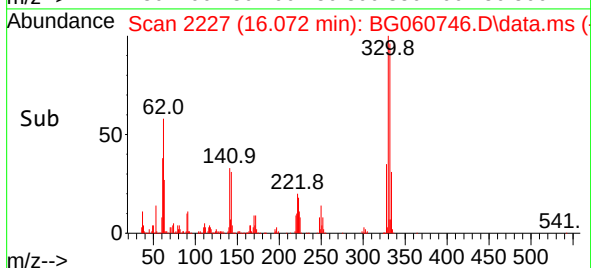
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

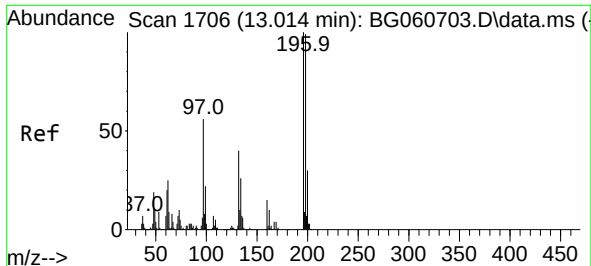


#42
2,4,6-Tribromophenol
Concen: 163.854 ng
RT: 16.072 min Scan# 2227
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46



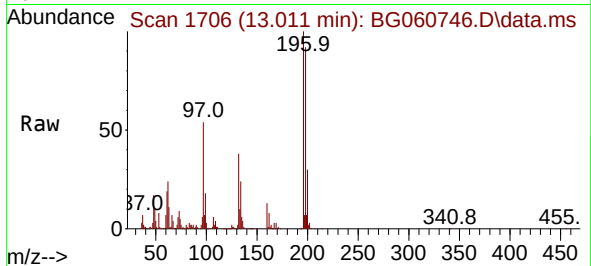
Tgt Ion:330 Resp: 375916
Ion Ratio Lower Upper
330 100
332 96.9 78.2 117.4
141 33.6 27.0 40.6





#43
2,4,6-Trichlorophenol
Concen: 51.695 ng
RT: 13.011 min Scan# 1719
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

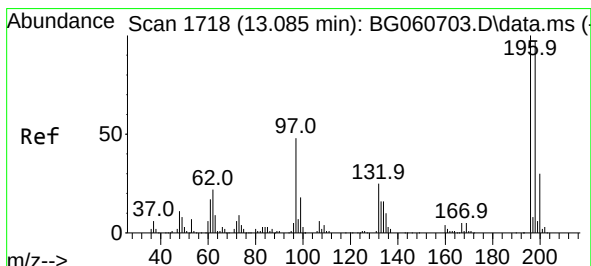
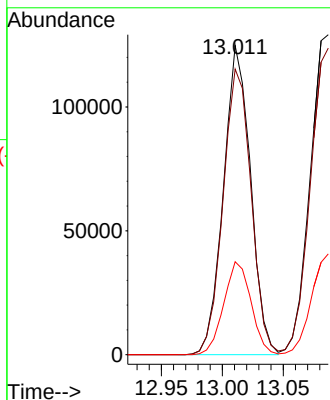
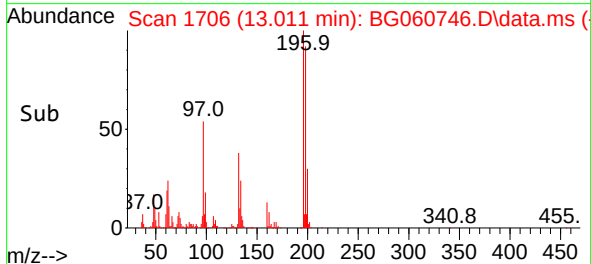
Instrument :
BNA_G
ClientSampleId :
72-11991MS



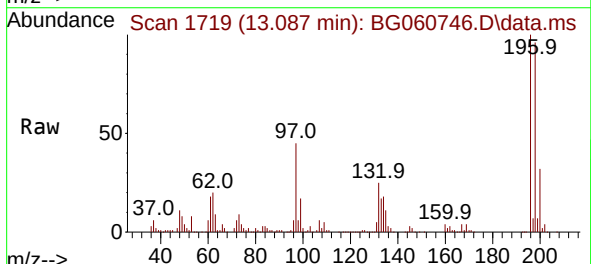
Tgt Ion:196 Resp: 193400
Ion Ratio Lower Upper
196 100
198 92.4 79.1 118.7
200 30.1 24.0 36.0

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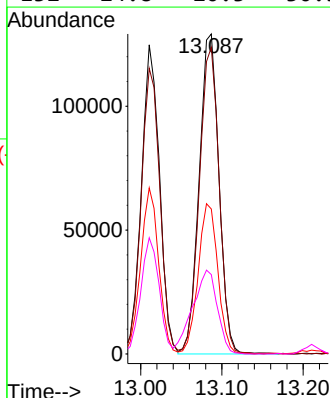
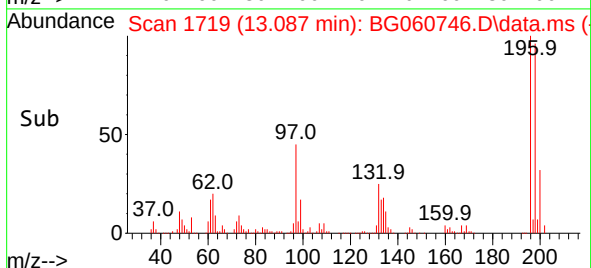
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

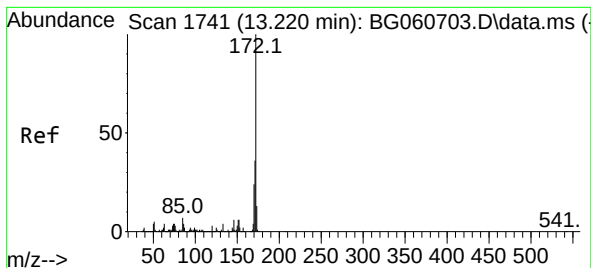


#44
2,4,5-Trichlorophenol
Concen: 49.038 ng
RT: 13.087 min Scan# 1719
Delta R.T. 0.002 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46



Tgt Ion:196 Resp: 218946
Ion Ratio Lower Upper
196 100
198 95.8 77.8 116.8
97 45.3 38.2 57.4
132 24.8 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 80.723 ng

RT: 13.210 min Scan# 1

Delta R.T. -0.010 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

72-11991MS

Tgt Ion:172 Resp: 111162

Ion Ratio Lower Upper

172 100

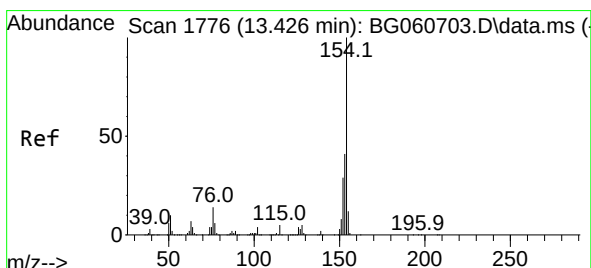
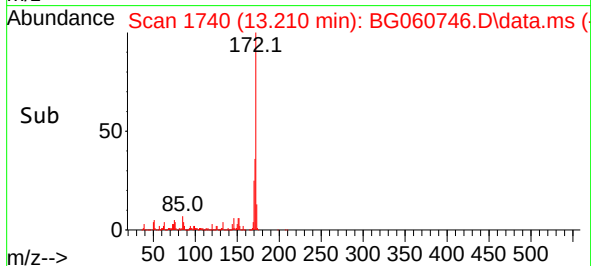
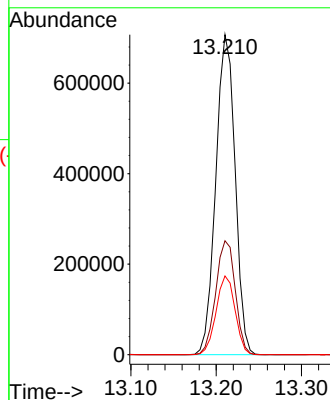
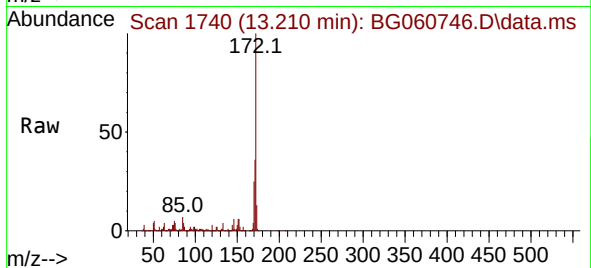
171 35.6 28.7 43.1

170 24.6 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: 44.551 ng

RT: 13.422 min Scan# 1776

Delta R.T. -0.004 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

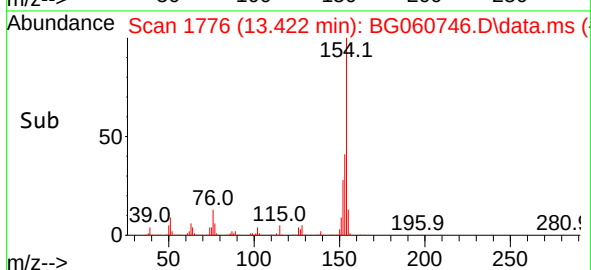
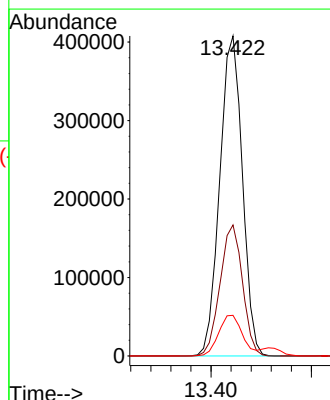
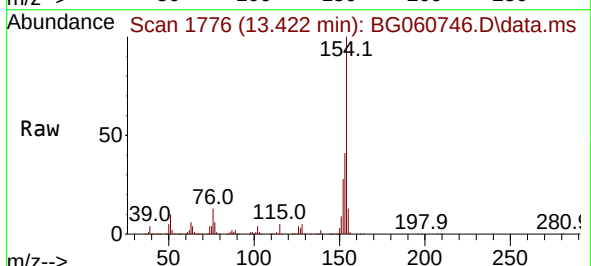
Tgt Ion:154 Resp: 635984

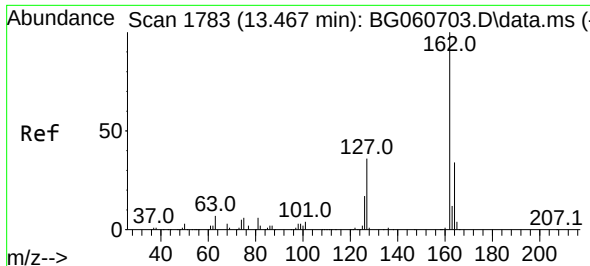
Ion Ratio Lower Upper

154 100

153 40.9 20.8 60.8

76 12.7 0.0 33.9





#47
2-Chloronaphthalene
Concen: 46.324 ng
RT: 13.457 min Scan# 1782
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

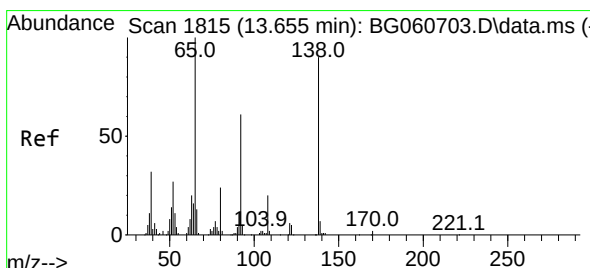
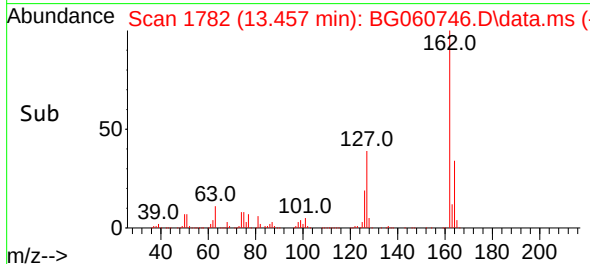
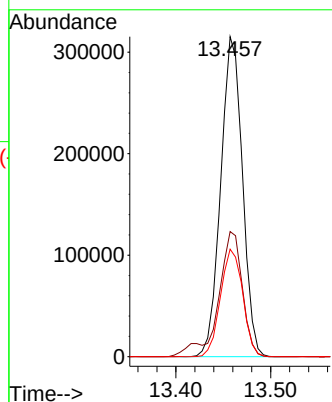
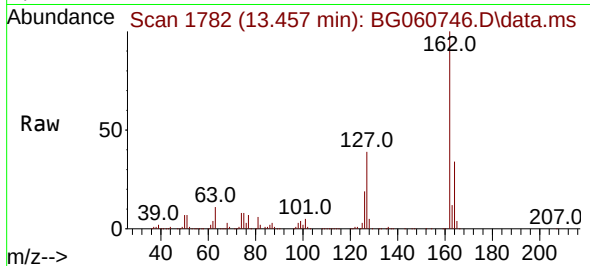
ClientSampleId :

72-11991MS

Tgt Ion:162 Resp: 502434
Ion Ratio Lower Upper
162 100
127 39.1 30.6 46.0
164 33.6 26.9 40.3

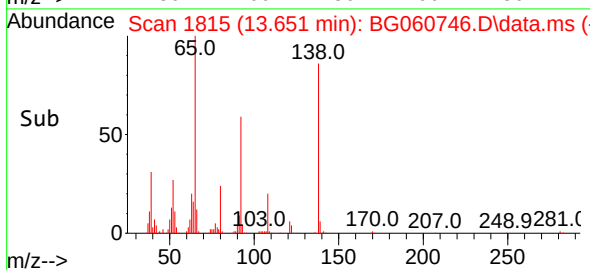
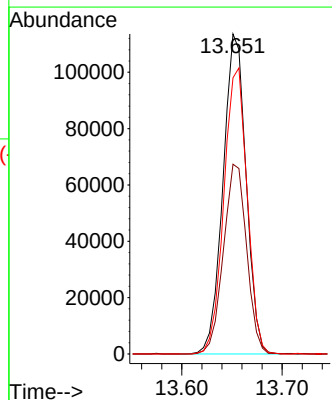
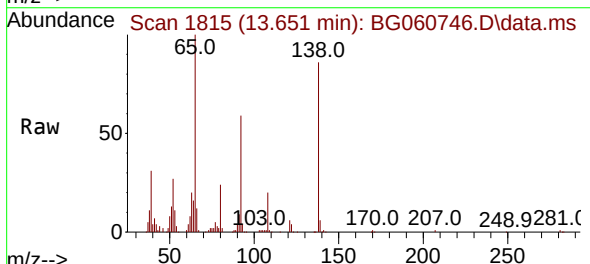
Manual Integrations
APPROVED

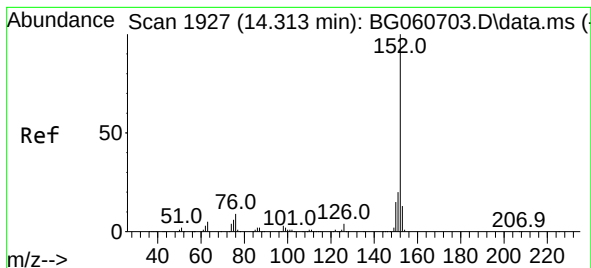
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#48
2-Nitroaniline
Concen: 50.954 ng
RT: 13.651 min Scan# 1815
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion: 65 Resp: 181100
Ion Ratio Lower Upper
65 100
92 59.3 48.6 72.8
138 86.3 72.2 108.4





#49

Acenaphthylene

Concen: 48.145 ng

RT: 14.303 min Scan# 1927

Delta R.T. -0.010 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

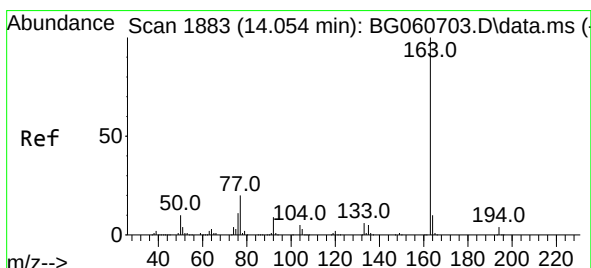
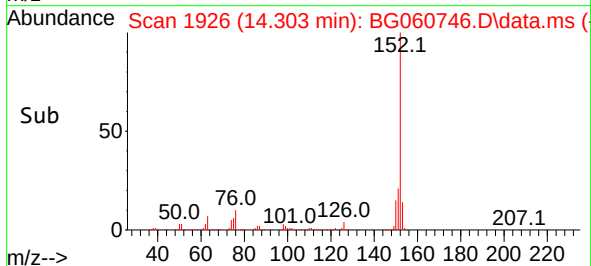
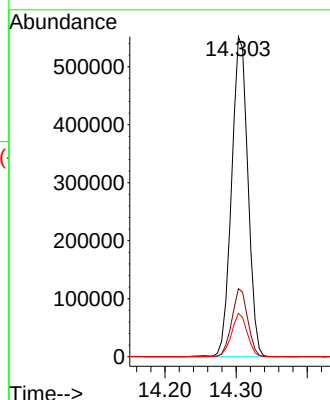
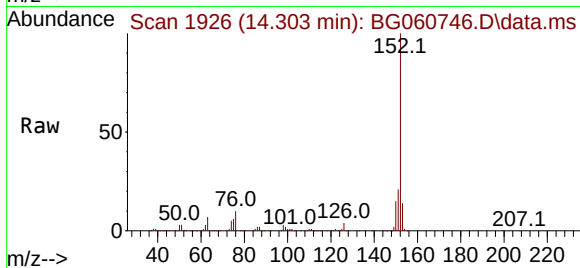
72-11991MS

Tgt Ion:152 Resp: 877380
 Ion Ratio Lower Upper
 152 100
 151 21.2 16.4 24.6
 153 13.6 10.5 15.7

Manual Integrations

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



#50

Dimethylphthalate

Concen: 45.310 ng

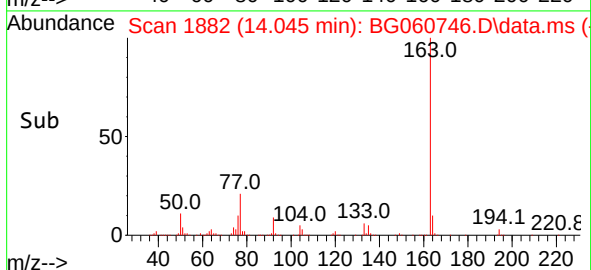
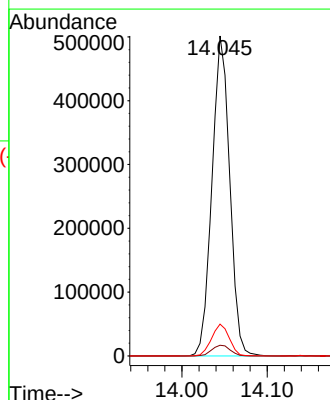
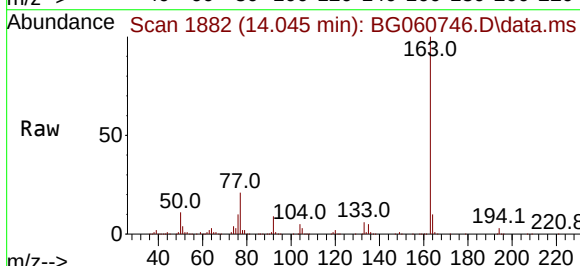
RT: 14.045 min Scan# 1882

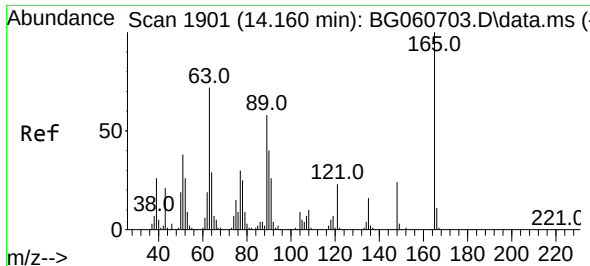
Delta R.T. -0.009 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

Tgt Ion:163 Resp: 723796
 Ion Ratio Lower Upper
 163 100
 194 3.3 3.0 4.6
 164 9.9 7.9 11.9





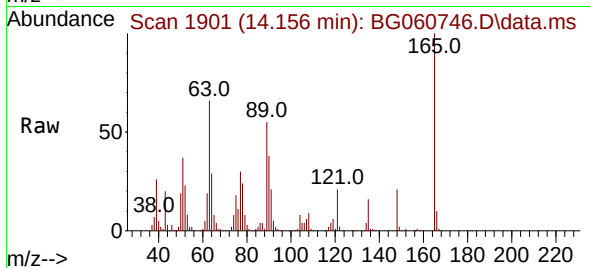
#51
2,6-Dinitrotoluene
Concen: 50.572 ng
RT: 14.156 min Scan# 1901
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

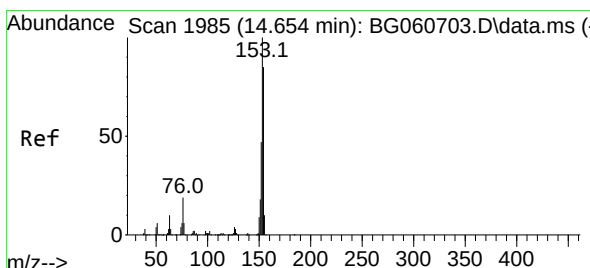
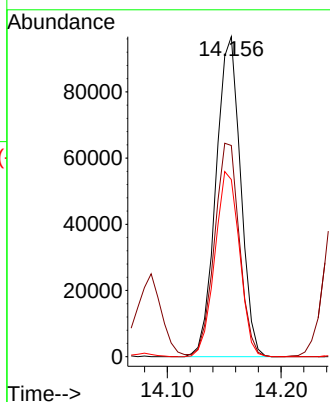
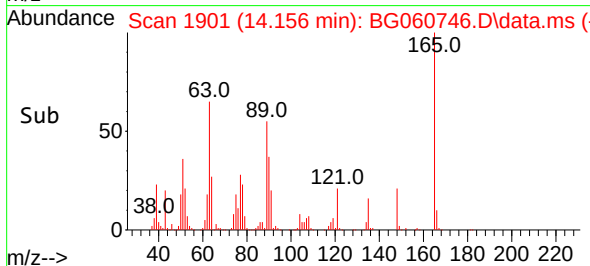
72-11991MS



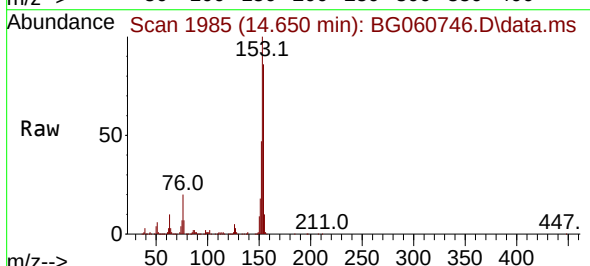
Tgt Ion:165 Resp: 14522
Ion Ratio Lower Upper
165 100
63 66.0 58.2 87.4
89 55.3 46.1 69.1

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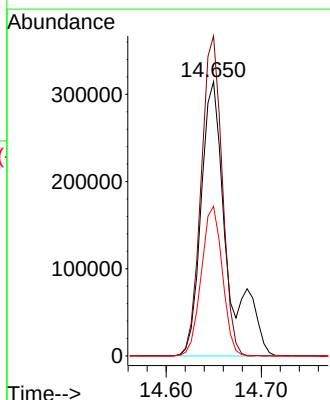
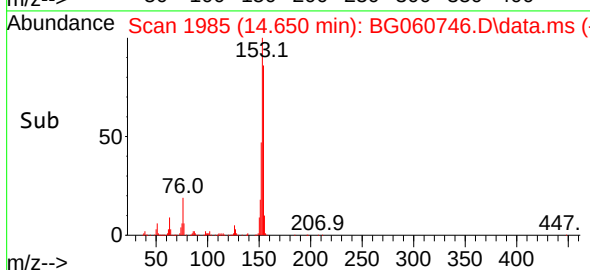
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

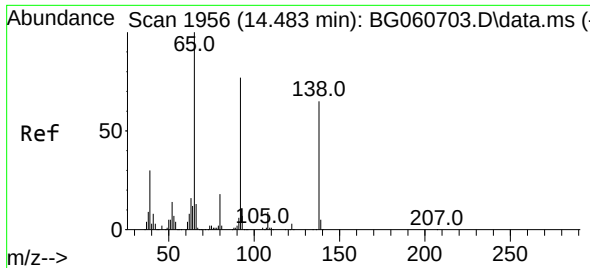


#52
Acenaphthene
Concen: 51.985 ng m
RT: 14.650 min Scan# 1985
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46



Tgt Ion:154 Resp: 594820
Ion Ratio Lower Upper
154 100
153 116.7 93.9 140.9
152 54.6 44.1 66.1





#53
3-Nitroaniline
Concen: 11.715 ng
RT: 14.474 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

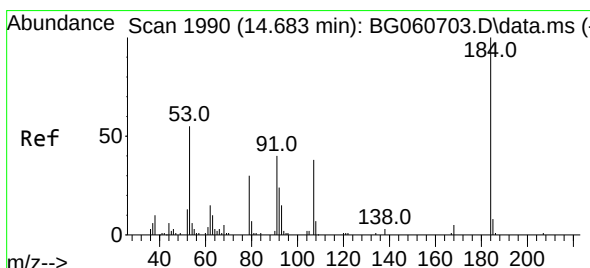
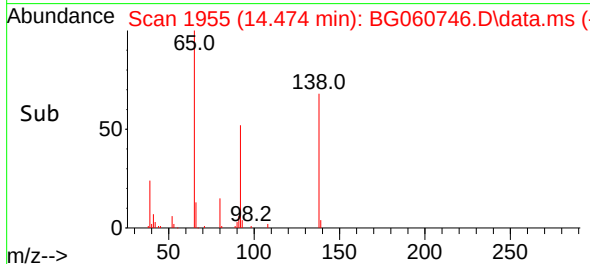
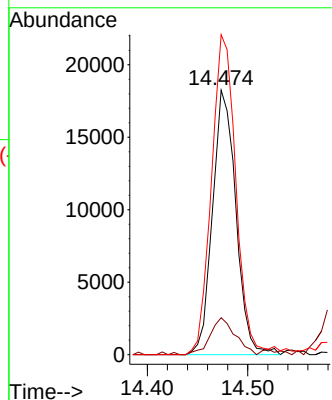
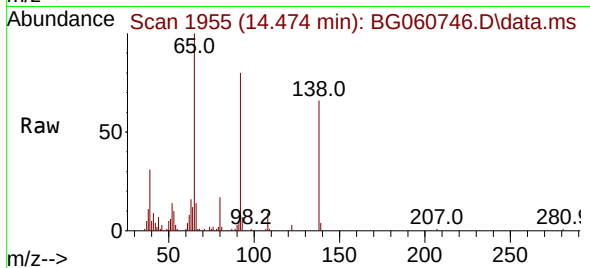
72-11991MS

Tgt Ion:138 Resp: 2956
Ion Ratio Lower Upper
138 100
108 14.0 11.3 16.9
92 121.0 94.1 141.1

Manual Integrations

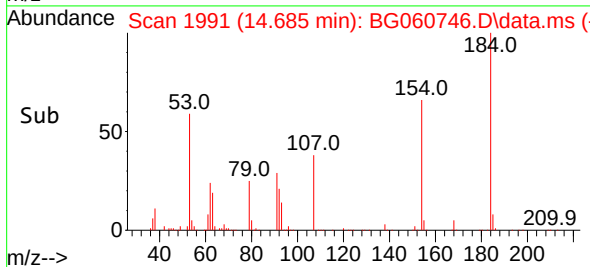
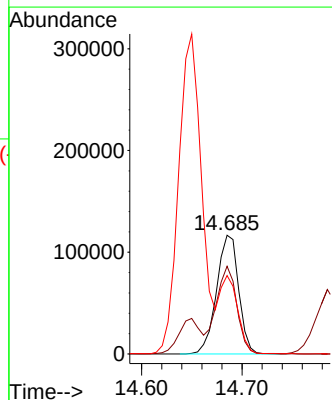
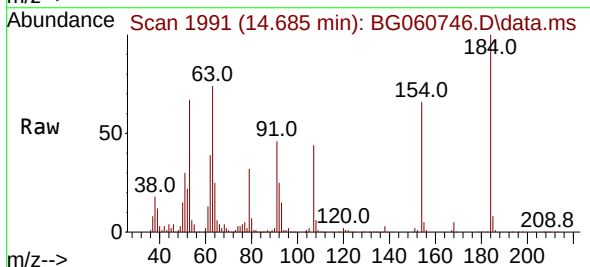
APPROVED

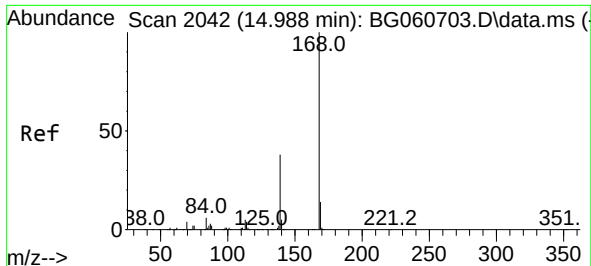
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#54
2,4-Dinitrophenol
Concen: 159.775 ng
RT: 14.685 min Scan# 1991
Delta R.T. 0.002 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

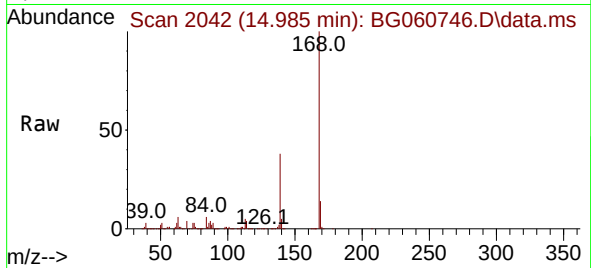
Tgt Ion:184 Resp: 177657
Ion Ratio Lower Upper
184 100
63 73.9 51.3 76.9
154 66.1 59.9 89.9





#55
Dibenzenofuran
Concen: 45.809 ng
RT: 14.985 min Scan# 2042
Delta R.T. -0.003 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

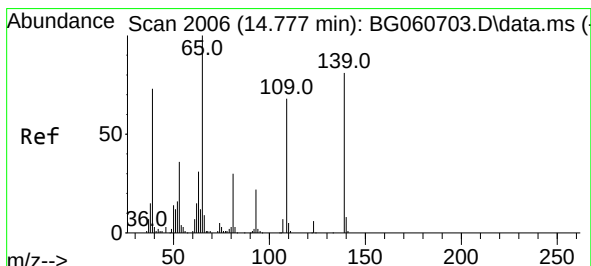
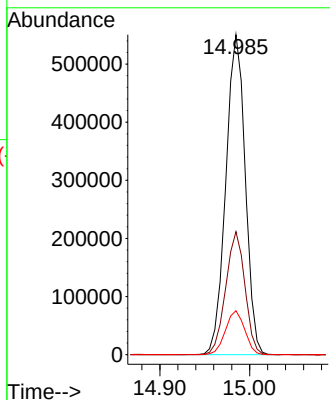
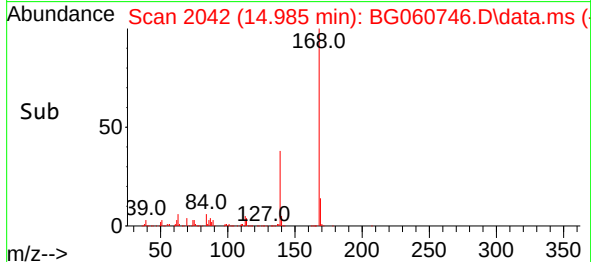
Instrument :
BNA_G
ClientSampleId :
72-11991MS



Tgt Ion:168 Resp: 826780
Ion Ratio Lower Upper
168 100
139 38.5 30.1 45.1
169 13.8 11.0 16.4

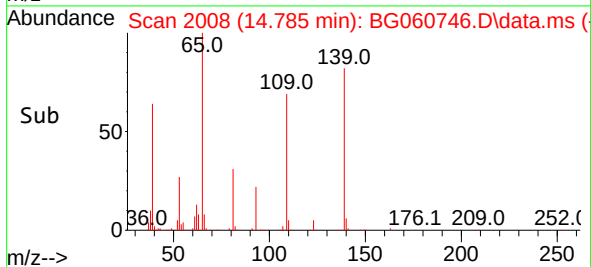
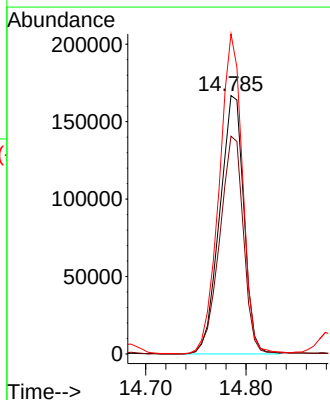
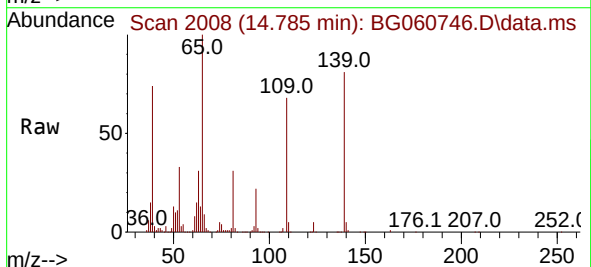
Manual Integrations
APPROVED

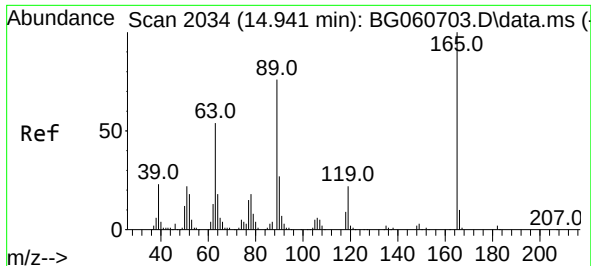
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#56
4-Nitrophenol
Concen: 118.957 ng
RT: 14.785 min Scan# 2008
Delta R.T. 0.008 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:139 Resp: 277800
Ion Ratio Lower Upper
139 100
109 84.3 64.0 104.0
65 123.9 104.3 144.3





#57

2,4-Dinitrotoluene

Concen: 57.757 ng

RT: 14.944 min Scan# 2034

Delta R.T. 0.003 min

Lab File: BG060746.D

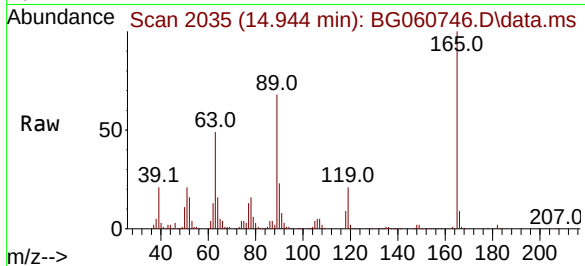
Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

72-11991MS



Tgt Ion:165 Resp: 21968

Ion Ratio Lower Upper

165 100

63 48.7 43.4 65.0

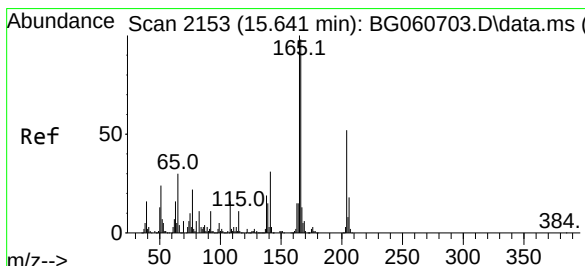
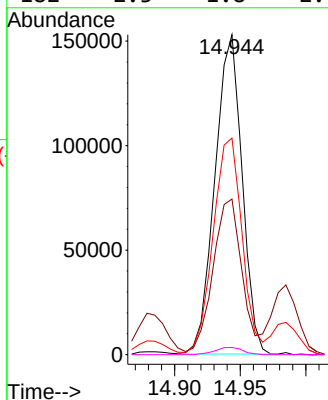
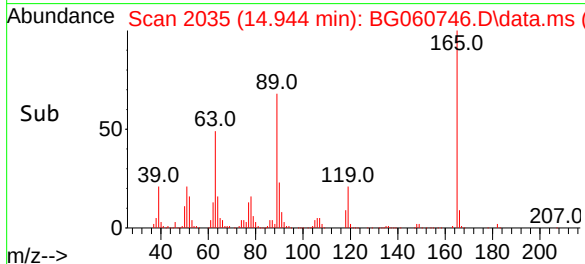
89 67.7 61.0 91.6

182 2.3 1.8 2.6

Manual Integrations

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



#58

Fluorene

Concen: 46.915 ng

RT: 15.637 min Scan# 2153

Delta R.T. -0.004 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

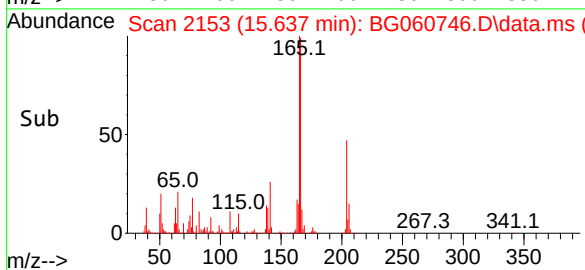
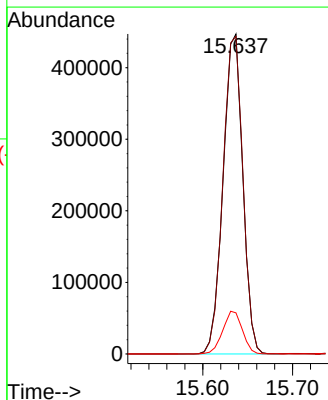
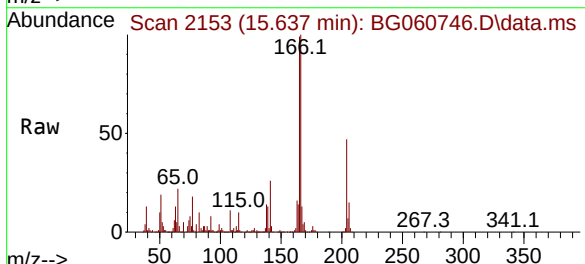
Tgt Ion:166 Resp: 679567

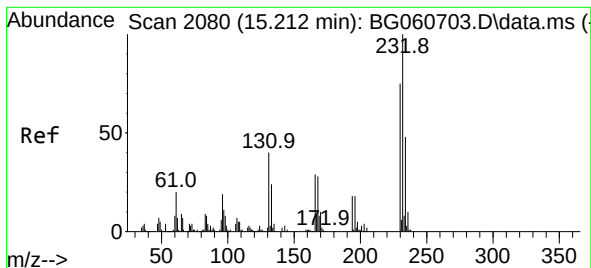
Ion Ratio Lower Upper

166 100

165 99.3 81.8 122.8

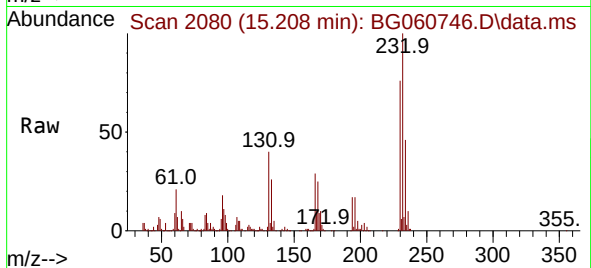
167 12.9 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.684 ng
RT: 15.208 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

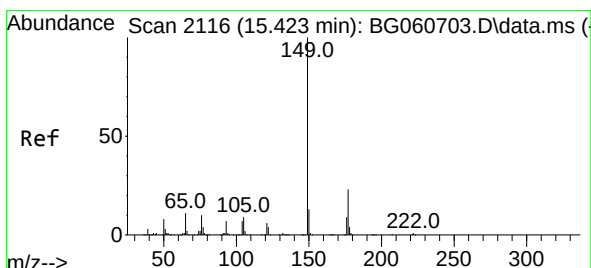
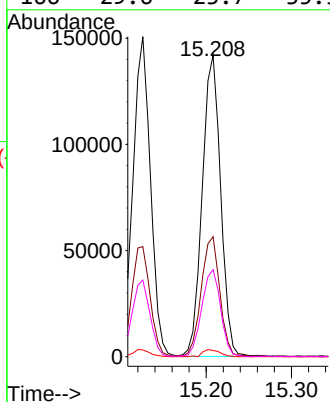
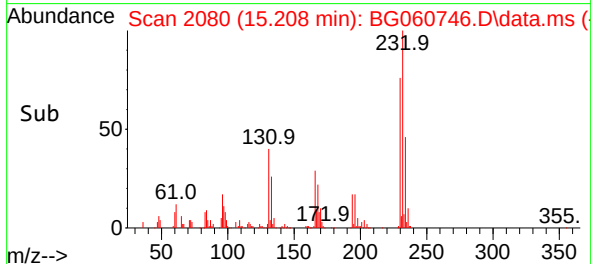
Instrument :
BNA_G
ClientSampleId :
72-11991MS



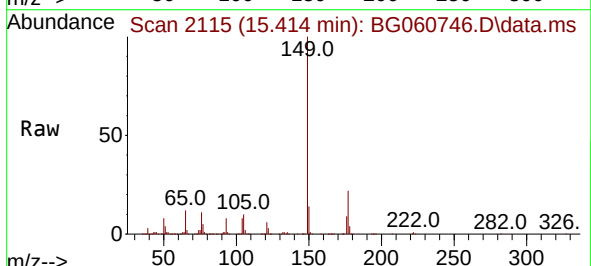
Tgt Ion:232 Resp: 212777
Ion Ratio Lower Upper
232 100
131 40.5 32.2 48.2
130 2.2 2.1 3.1
166 29.6 23.7 35.5

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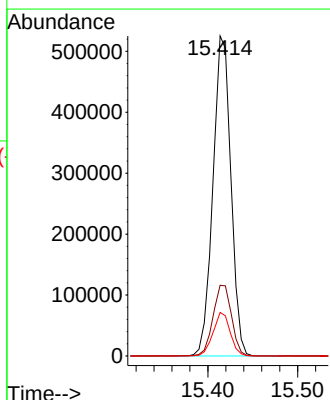
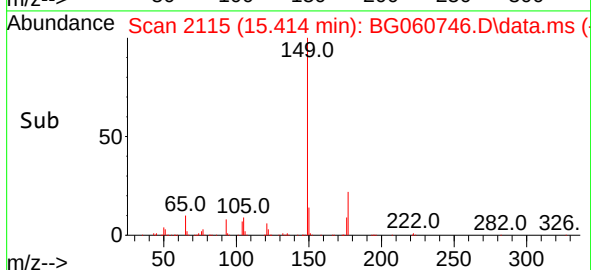
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

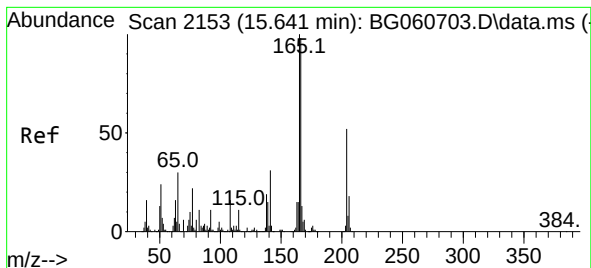


#60
Diethylphthalate
Concen: 45.285 ng
RT: 15.414 min Scan# 2115
Delta R.T. -0.009 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46



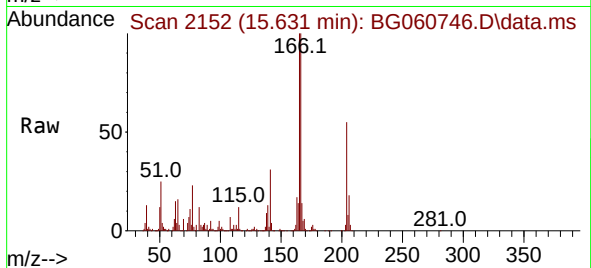
Tgt Ion:149 Resp: 727803
Ion Ratio Lower Upper
149 100
177 22.1 18.0 27.0
150 13.6 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 44.617 ng
RT: 15.631 min Scan# 2153
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

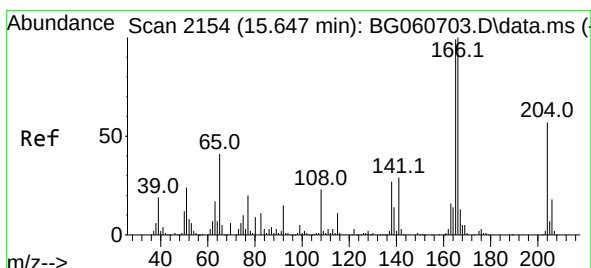
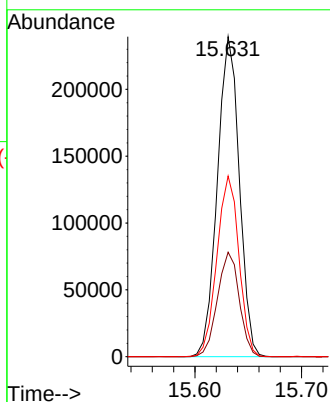
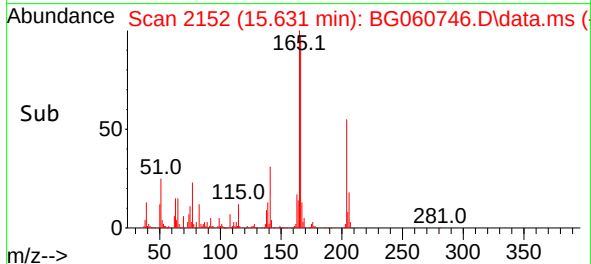
Instrument :
BNA_G
ClientSampleId :
72-11991MS



Tgt Ion:204 Resp: 341914
Ion Ratio Lower Upper
204 100
206 32.7 28.3 42.5
141 56.5 47.2 70.8

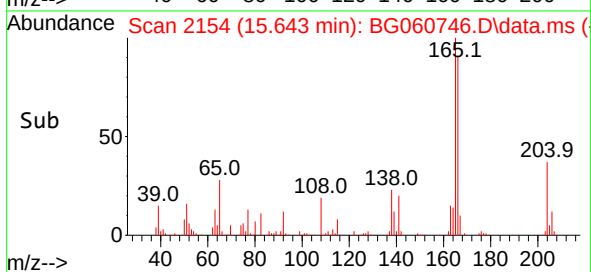
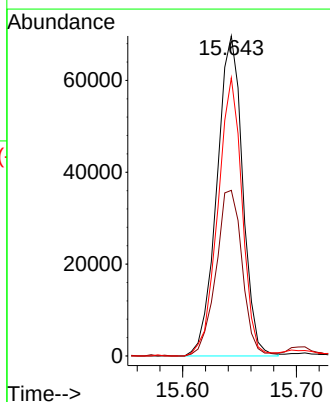
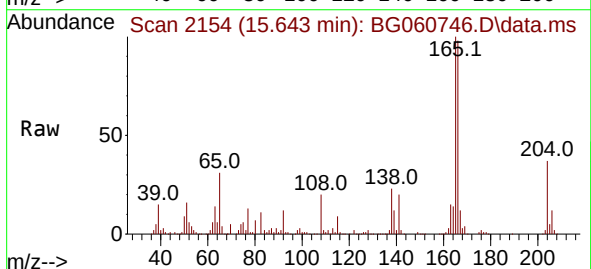
Manual Integrations
APPROVED

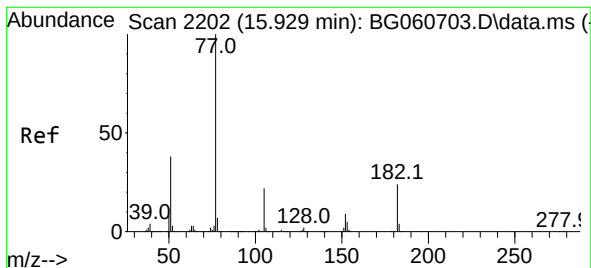
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#62
4-Nitroaniline
Concen: 37.549 ng
RT: 15.643 min Scan# 2154
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:138 Resp: 109668
Ion Ratio Lower Upper
138 100
92 51.7 36.8 76.8
108 86.9 66.9 106.9





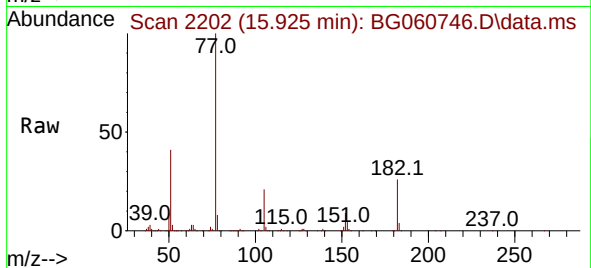
#63
Azobenzene
Concen: 43.519 ng
RT: 15.925 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

72-11991MS

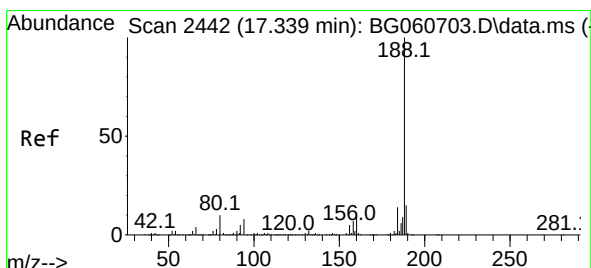
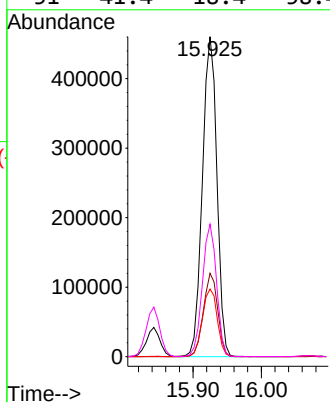
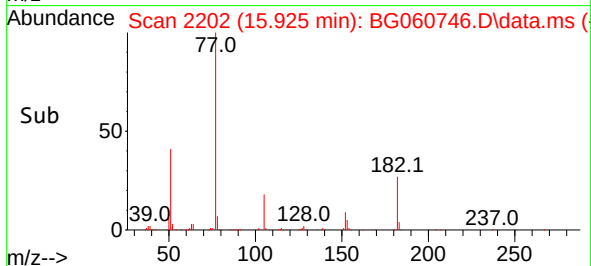


Tgt Ion: 77 Resp: 681540
Ion Ratio Lower Upper
77 100
182 26.0 3.9 43.9
105 21.2 1.7 41.7
51 41.4 18.4 58.4

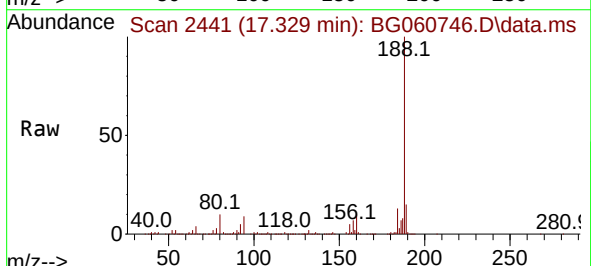
Manual Integrations

APPROVED

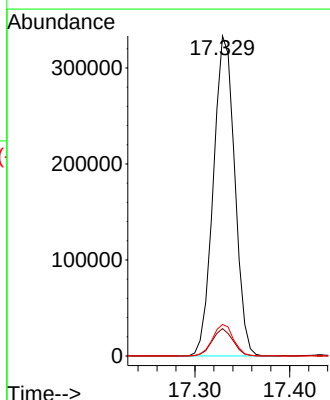
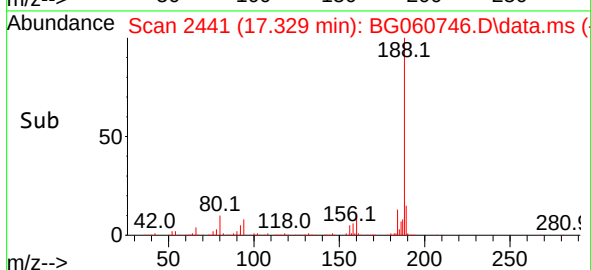
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

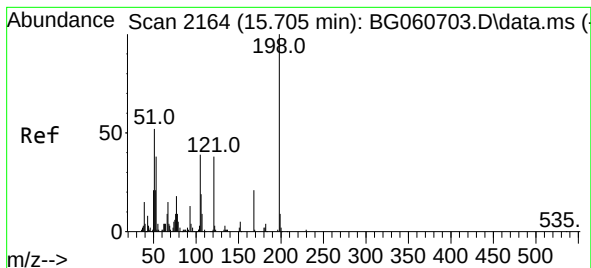


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.329 min Scan# 2441
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46



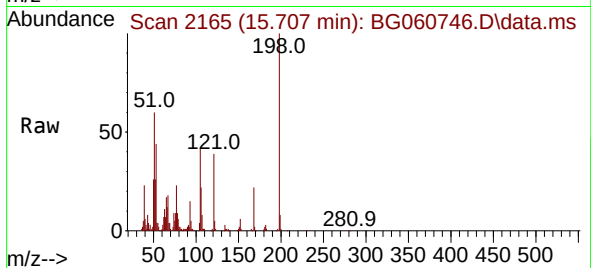
Tgt Ion:188 Resp: 522201
Ion Ratio Lower Upper
188 100
94 8.6 6.6 9.8
80 9.8 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 56.879 ng
RT: 15.707 min Scan# 2165
Delta R.T. 0.002 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

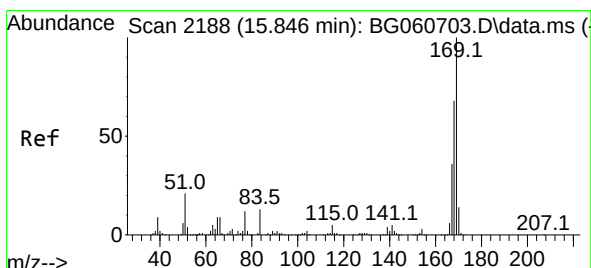
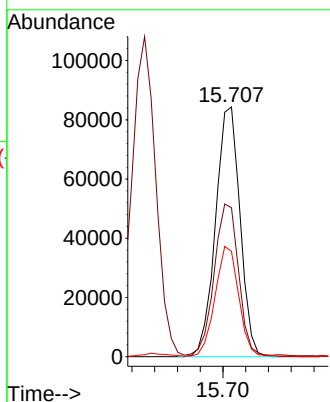
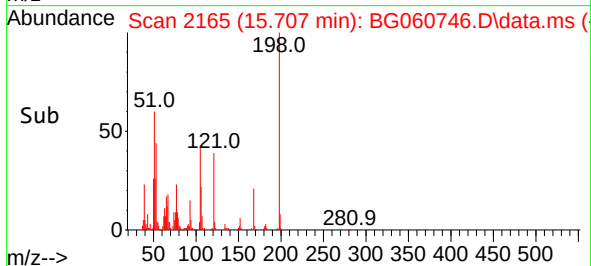
Instrument :
BNA_G
ClientSampleId :
72-11991MS



Tgt Ion:198 Resp: 12586
Ion Ratio Lower Upper
198 100
51 59.6 36.7 76.7
105 42.2 19.1 59.1

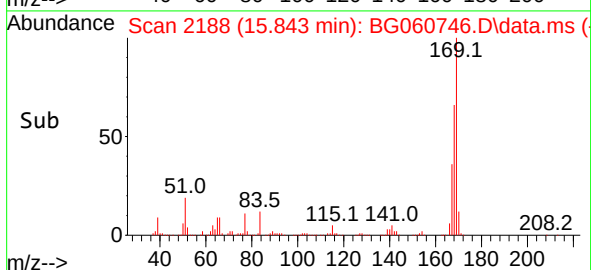
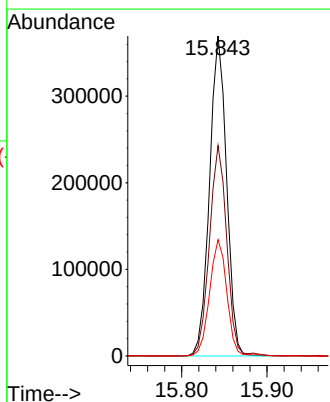
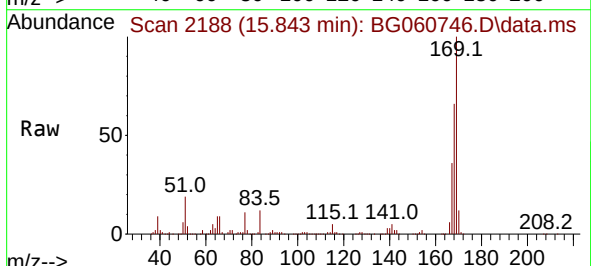
Manual Integrations
APPROVED

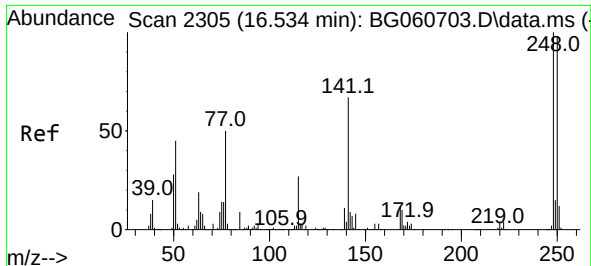
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#66
n-Nitrosodiphenylamine
Concen: 34.357 ng
RT: 15.843 min Scan# 2188
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:169 Resp: 512700
Ion Ratio Lower Upper
169 100
168 65.8 54.5 81.7
167 36.4 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 46.012 ng
RT: 16.524 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

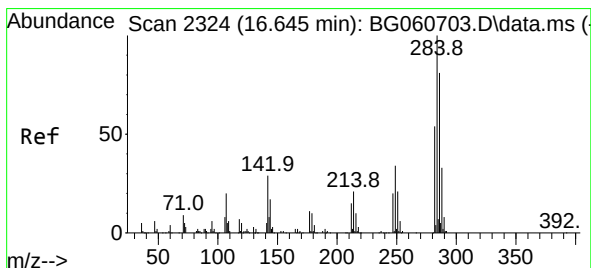
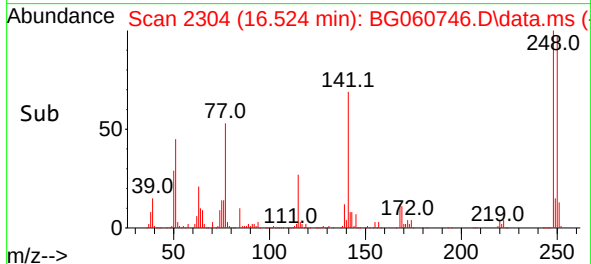
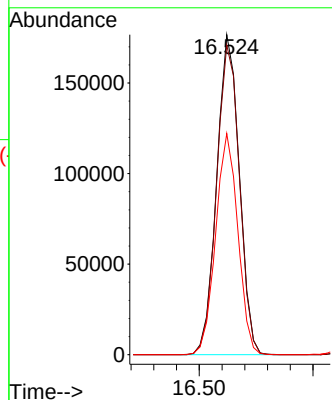
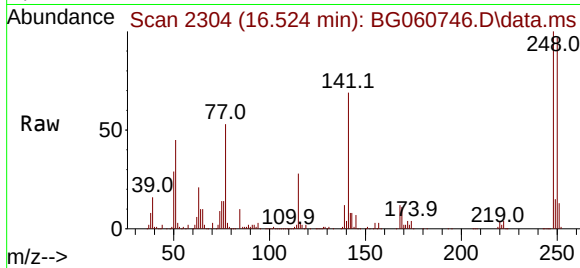
72-11991MS

Tgt Ion:248 Resp: 24384
Ion Ratio Lower Upper
248 100
250 96.8 78.3 117.5
141 69.1 53.7 80.5

Manual Integrations

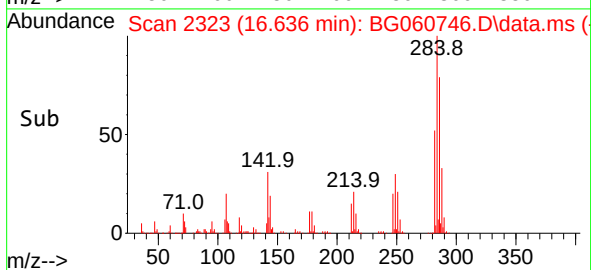
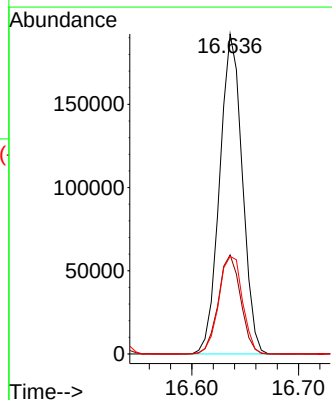
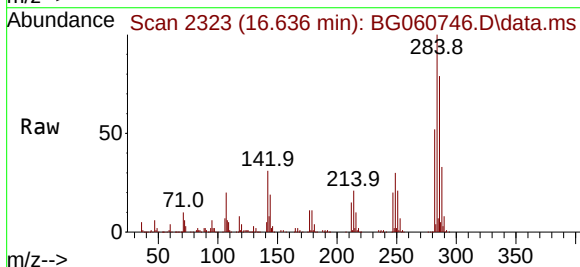
APPROVED

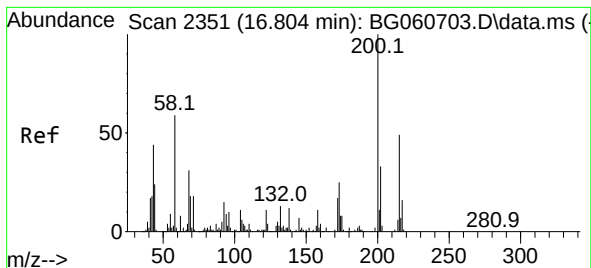
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#68
Hexachlorobenzene
Concen: 47.320 ng
RT: 16.636 min Scan# 2323
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:284 Resp: 283101
Ion Ratio Lower Upper
284 100
142 31.0 22.9 34.3
249 30.5 27.1 40.7





#69

Atrazine

Concen: 14.371 ng

RT: 16.794 min Scan# 21

Delta R.T. -0.010 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

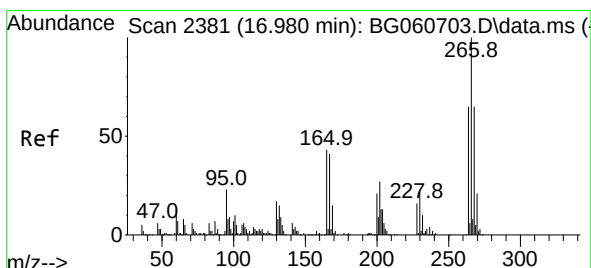
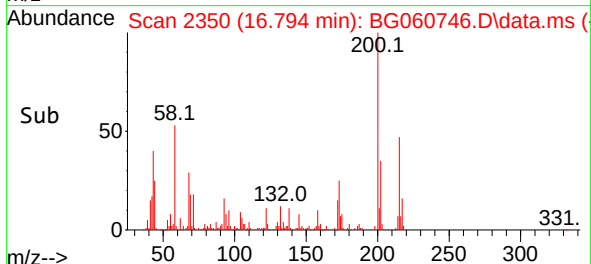
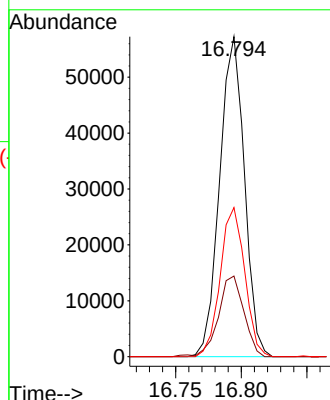
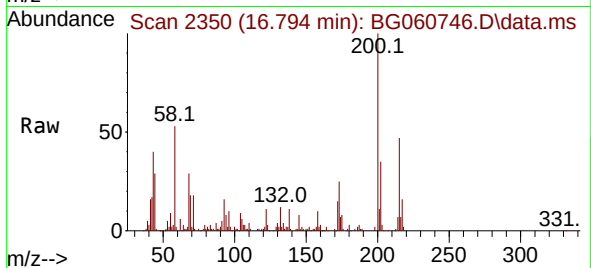
72-11991MS

Tgt Ion:200 Resp: 7499
 Ion Ratio Lower Upper
 200 100
 173 25.2 5.2 45.2
 215 46.6 28.8 68.8

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 103.948 ng

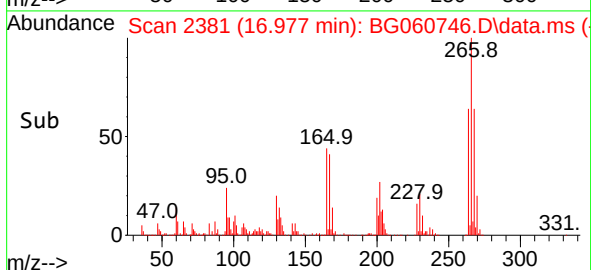
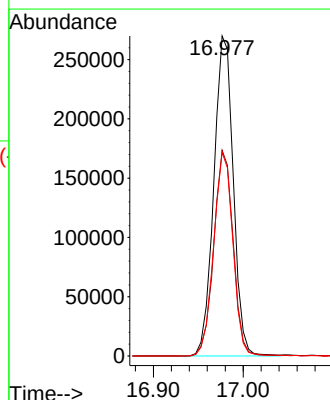
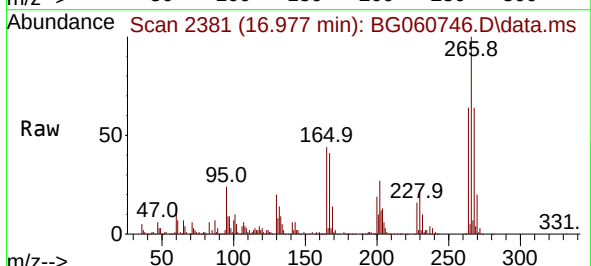
RT: 16.977 min Scan# 2381

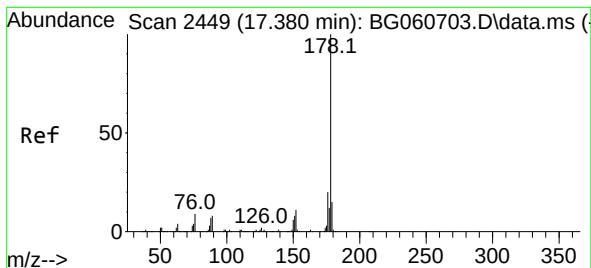
Delta R.T. -0.004 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

Tgt Ion:266 Resp: 405777
 Ion Ratio Lower Upper
 266 100
 268 64.3 52.2 78.4
 264 63.6 51.8 77.6





#71

Phenanthrene

Concen: 44.830 ng

RT: 17.376 min Scan# 2449

Delta R.T. -0.004 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

72-11991MS

Tgt Ion:178 Resp: 121752

Ion Ratio Lower Upper

178 100

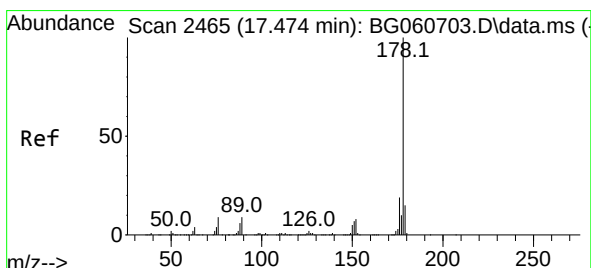
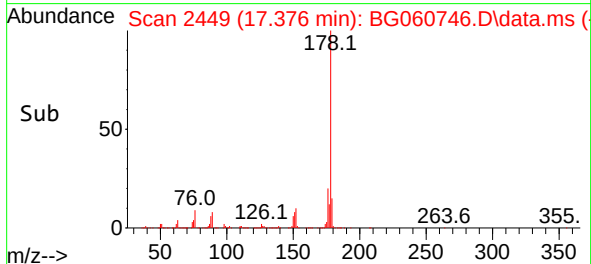
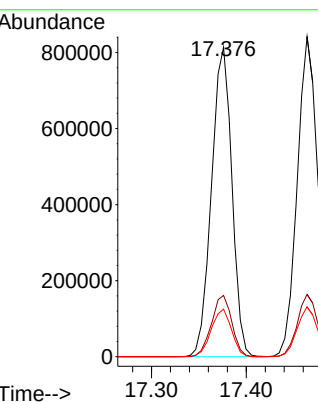
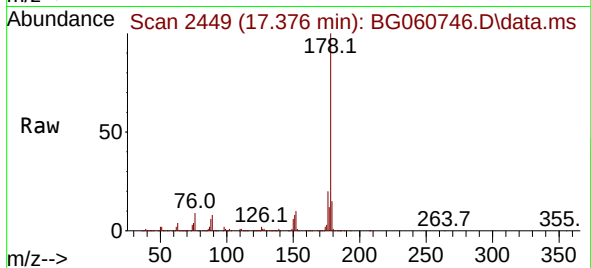
176 19.8 15.8 23.6

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: 45.255 ng

RT: 17.464 min Scan# 2464

Delta R.T. -0.010 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

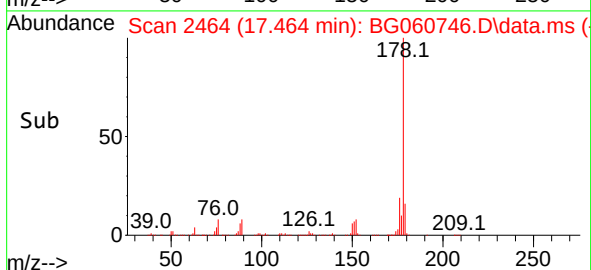
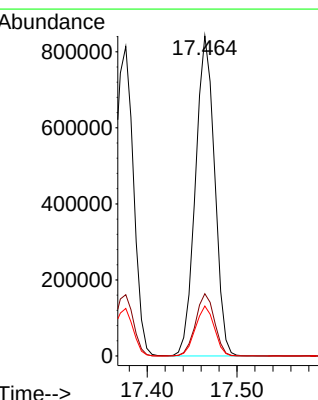
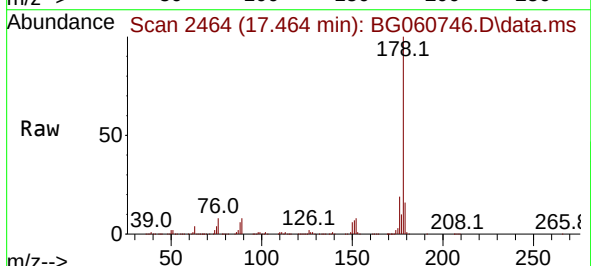
Tgt Ion:178 Resp: 1248178

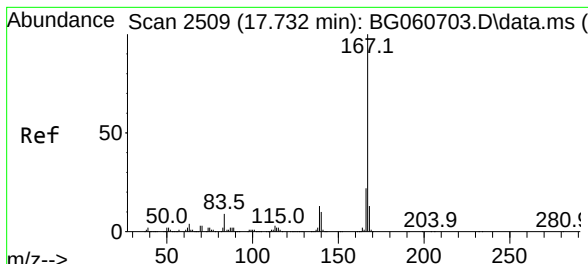
Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 15.6 12.2 18.2





#73
 Carbazole
 Concen: 35.603 ng
 RT: 17.729 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG060746.D
 Acq: 2 Apr 2024 20:46

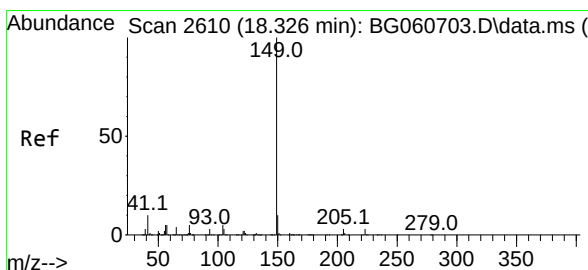
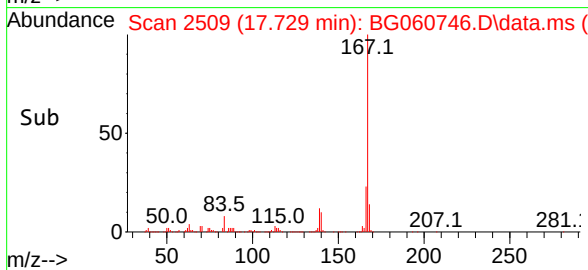
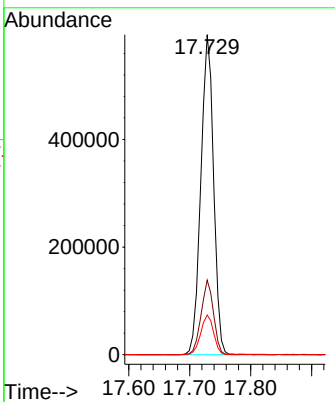
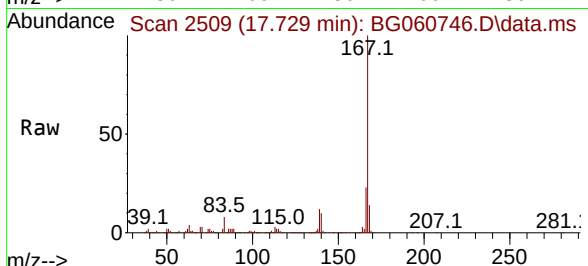
Instrument : BNA_G
 ClientSampleId : 72-11991MS

Tgt Ion:167 Resp: 86579

Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.0	27.0
139	12.4	10.5	15.7

Manual Integrations
 APPROVED

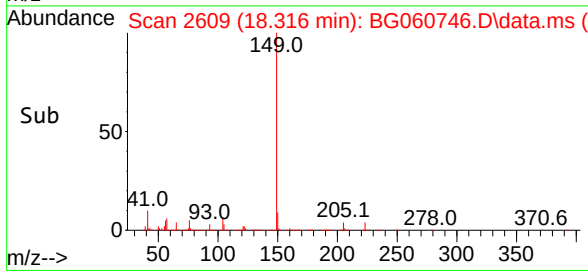
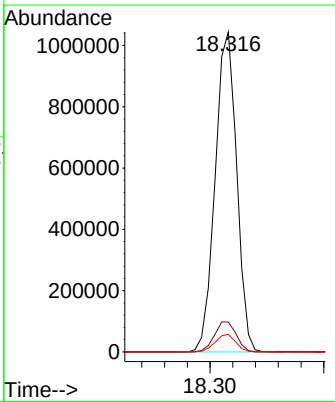
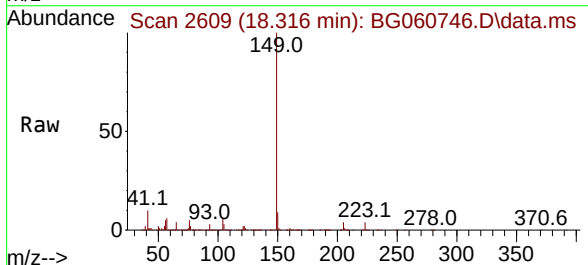
Reviewed By :Jagrut Upadhyay 04/03/2024
 Supervised By :mohammad ahmed 04/04/2024

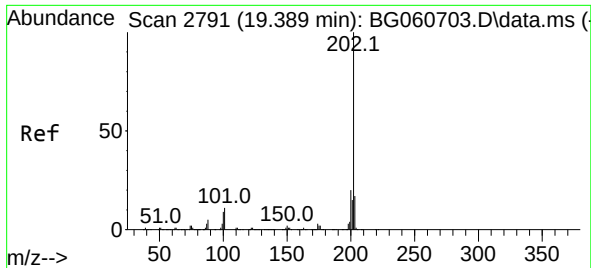


#74
 Di-n-butylphthalate
 Concen: 45.253 ng
 RT: 18.316 min Scan# 2609
 Delta R.T. -0.010 min
 Lab File: BG060746.D
 Acq: 2 Apr 2024 20:46

Tgt Ion:149 Resp: 1371961

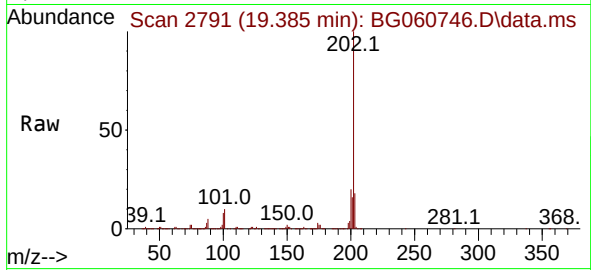
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	5.5	4.2	6.4





#75
Fluoranthene
Concen: 46.515 ng
RT: 19.385 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

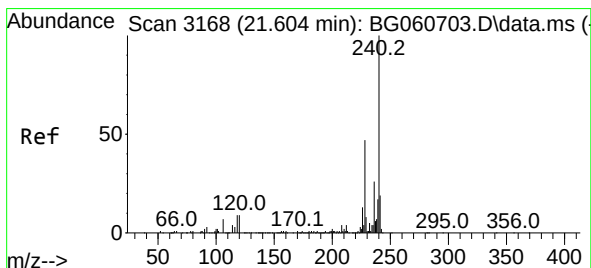
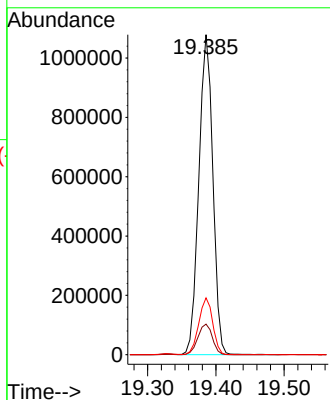
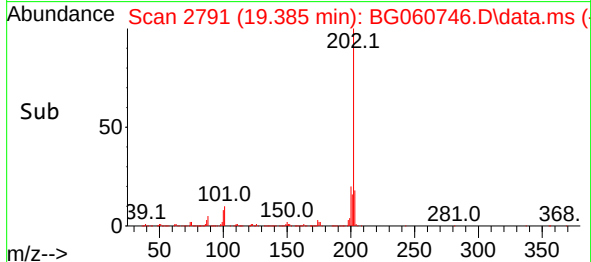
Instrument :
BNA_G
ClientSampleId :
72-11991MS



Tgt Ion:202 Resp: 1532910
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.8
203 17.7 0.0 37.4

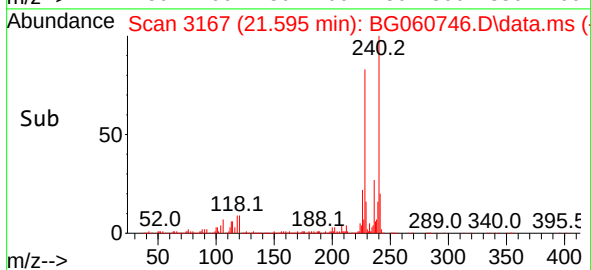
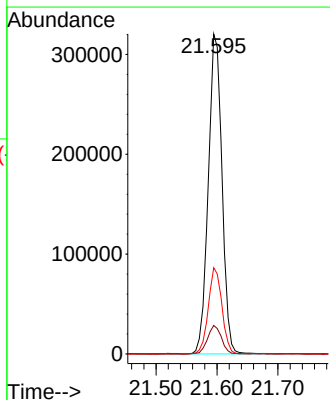
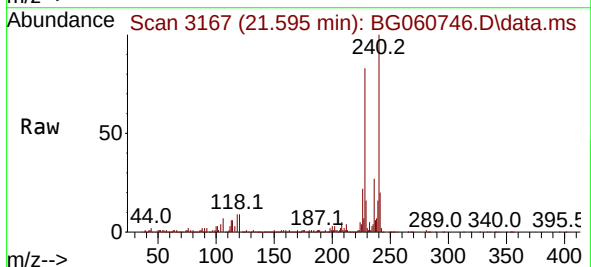
Manual Integrations
APPROVED

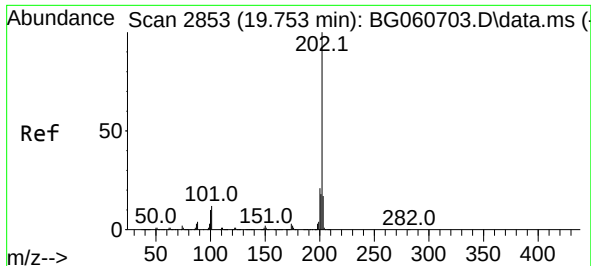
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.595 min Scan# 3167
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

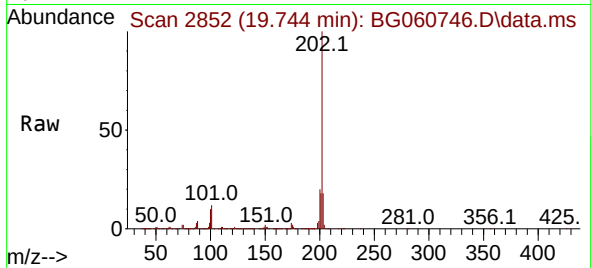
Tgt Ion:240 Resp: 500564
Ion Ratio Lower Upper
240 100
120 8.9 7.1 10.7
236 27.0 20.7 31.1





#78
Pyrene
Concen: 45.551 ng
RT: 19.744 min Scan# 2852
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

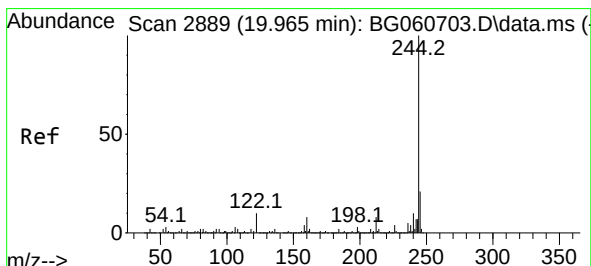
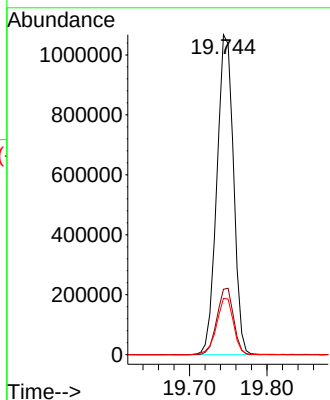
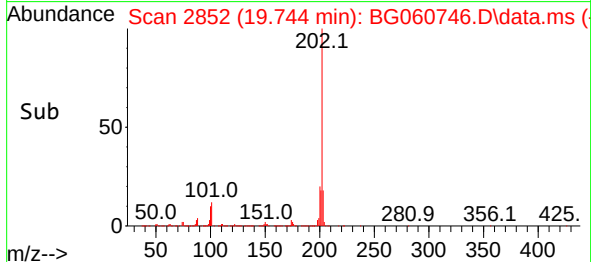
Instrument :
BNA_G
ClientSampleId :
72-11991MS



Tgt Ion:202 Resp: 1594672
Ion Ratio Lower Upper
202 100
200 20.4 17.0 25.4
203 17.6 14.0 21.0

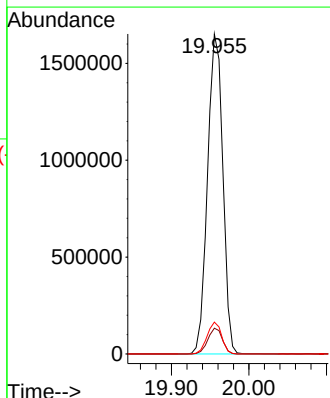
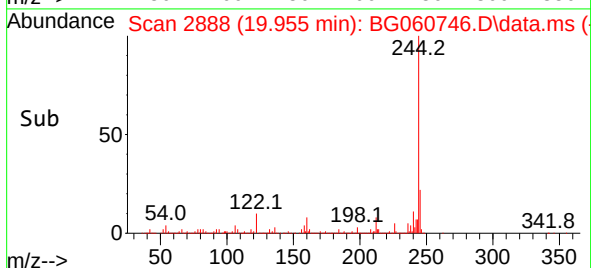
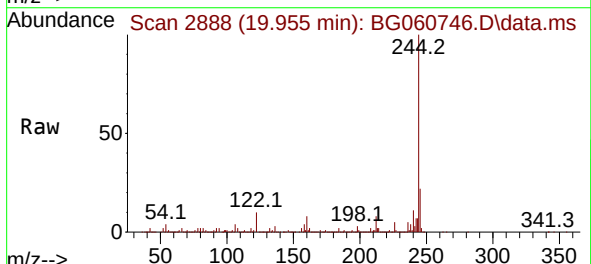
Manual Integrations
APPROVED

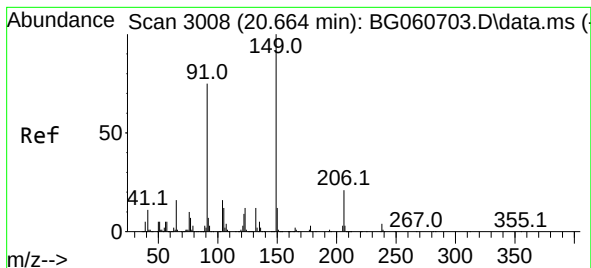
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#79
Terphenyl-d14
Concen: 79.521 ng
RT: 19.955 min Scan# 2888
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:244 Resp: 2260601
Ion Ratio Lower Upper
244 100
212 8.1 6.2 9.2
122 9.9 7.8 11.8





#80

Butylbenzylphthalate

Concen: 50.461 ng

RT: 20.655 min Scan# 3007

Delta R.T. -0.010 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

72-11991MS

Tgt Ion:149 Resp: 64441

Ion Ratio Lower Upper

149 100

91 75.1 60.1 90.1

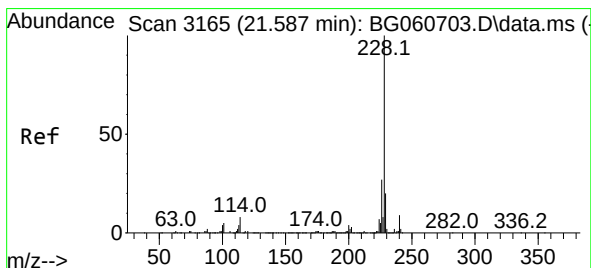
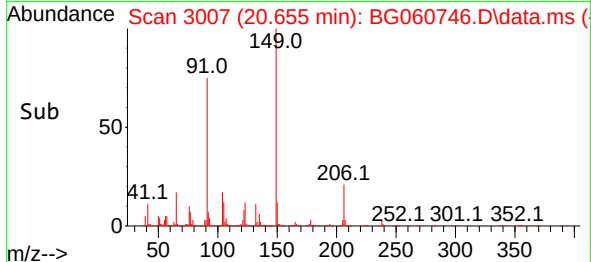
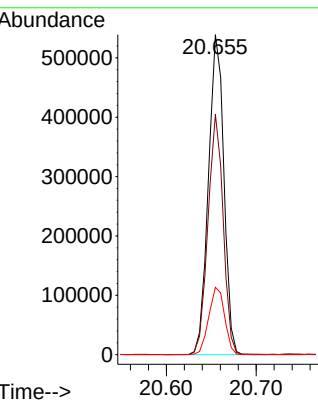
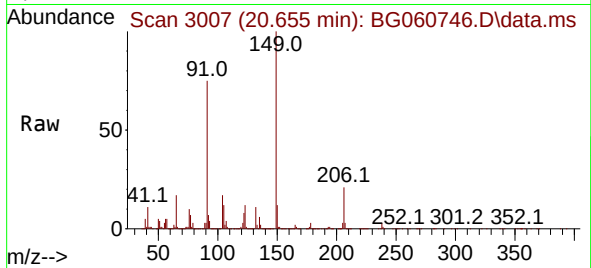
206 21.0 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024

Supervised By :mohammad ahmed 04/04/2024



#81

Benzo(a)anthracene

Concen: 46.703 ng

RT: 21.577 min Scan# 3164

Delta R.T. -0.010 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

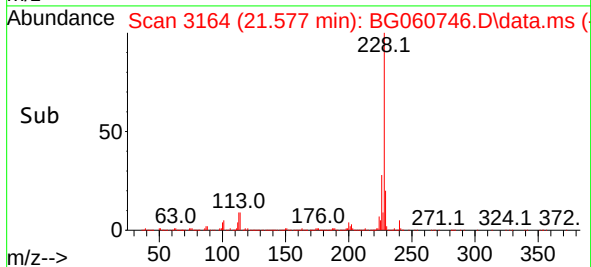
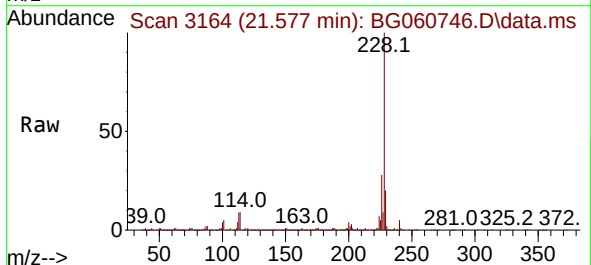
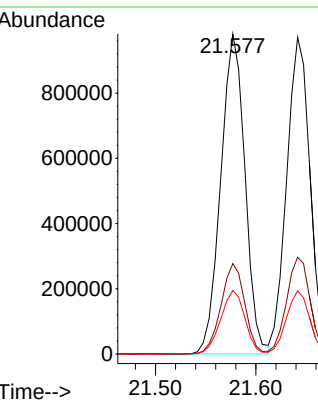
Tgt Ion:228 Resp: 1647885

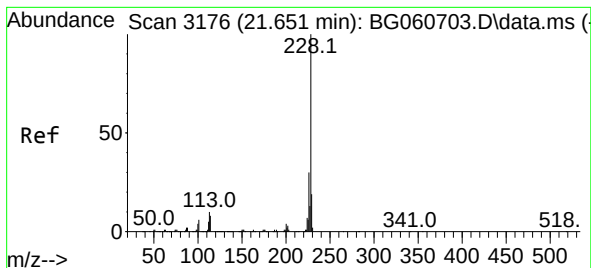
Ion Ratio Lower Upper

228 100

226 28.3 21.7 32.5

229 19.8 15.8 23.8





#83

Chrysene

Concen: 45.959 ng

RT: 21.642 min Scan# 3176

Delta R.T. -0.010 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

72-11991MS

Tgt Ion:228 Resp: 1563000

Ion Ratio Lower Upper

228 100

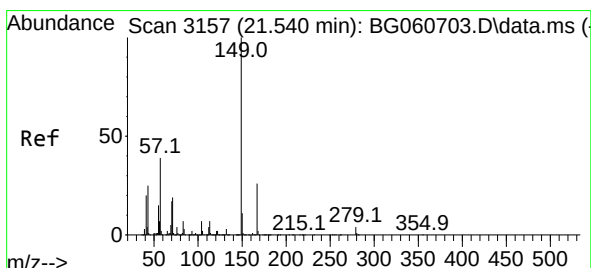
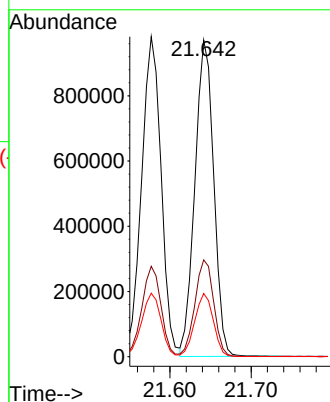
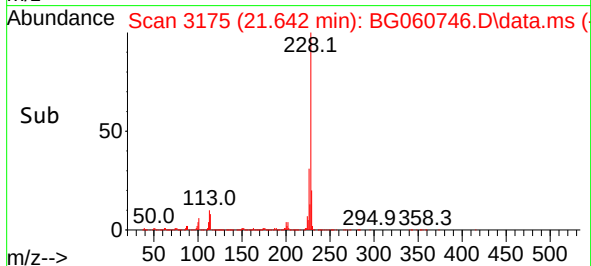
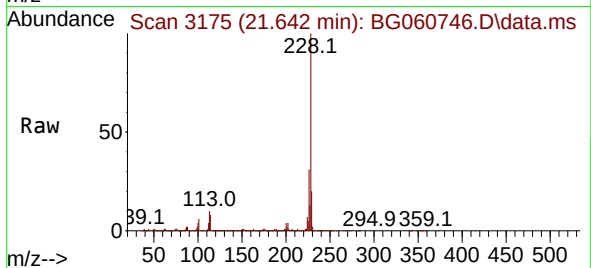
226 30.6 24.2 36.4

229 20.0 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: 46.949 ng

RT: 21.524 min Scan# 3155

Delta R.T. -0.016 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

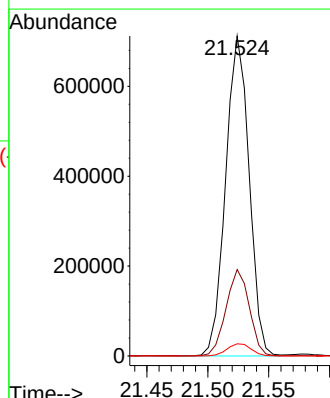
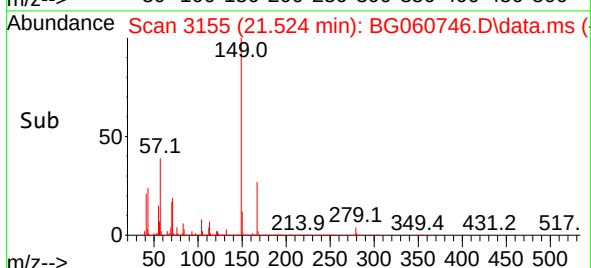
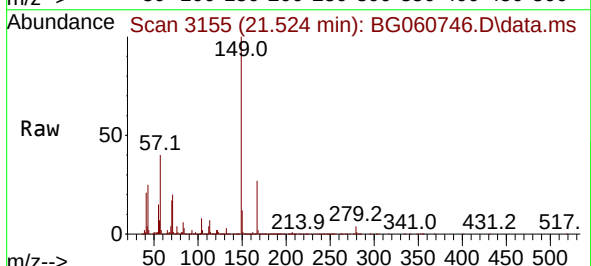
Tgt Ion:149 Resp: 955639

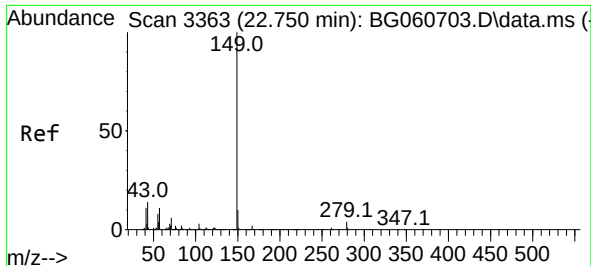
Ion Ratio Lower Upper

149 100

167 27.0 20.6 30.8

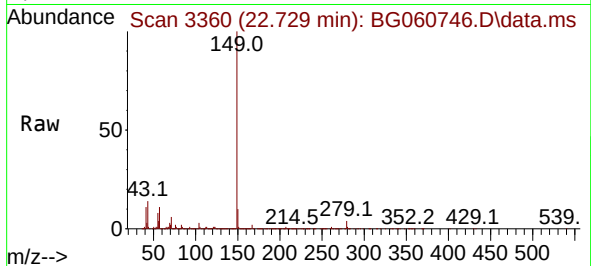
279 3.8 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 49.937 ng
RT: 22.729 min Scan# 31
Delta R.T. -0.021 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

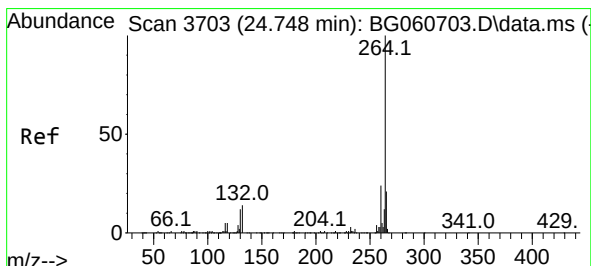
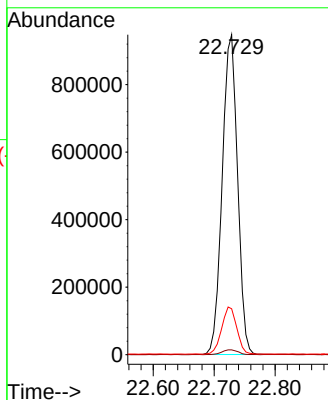
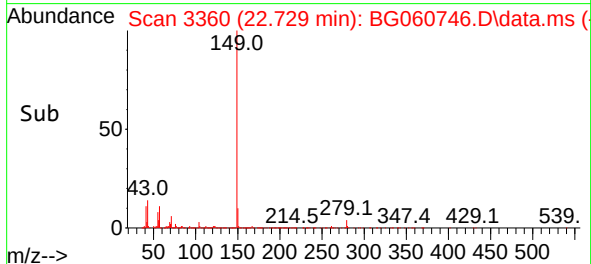
Instrument :
BNA_G
ClientSampleId :
72-11991MS



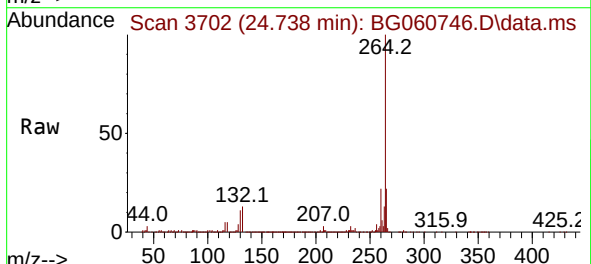
Tgt Ion:149 Resp: 1655898
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 14.5 11.3 16.9

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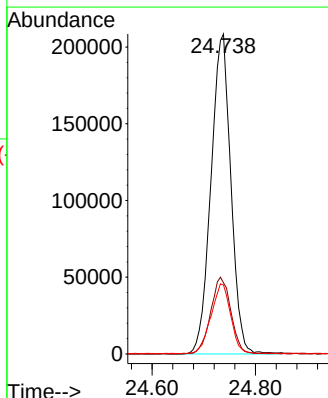
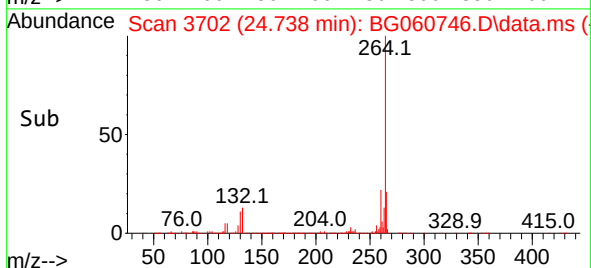
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

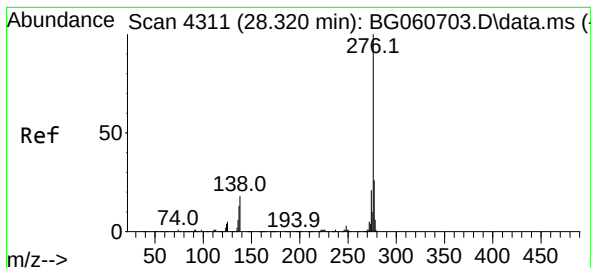


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.738 min Scan# 3702
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46



Tgt Ion:264 Resp: 555427
Ion Ratio Lower Upper
264 100
260 22.3 19.5 29.3
265 21.6 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.914 ng

RT: 28.304 min Scan# 41

Delta R.T. -0.016 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

72-11991MS

Tgt Ion:276 Resp: 1991434

Ion Ratio Lower Upper

276 100

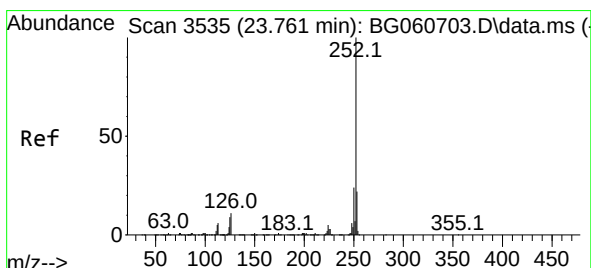
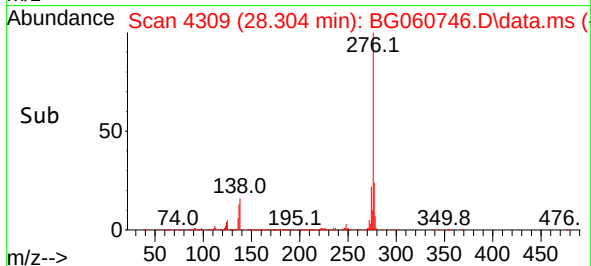
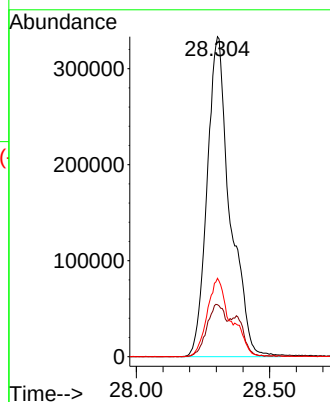
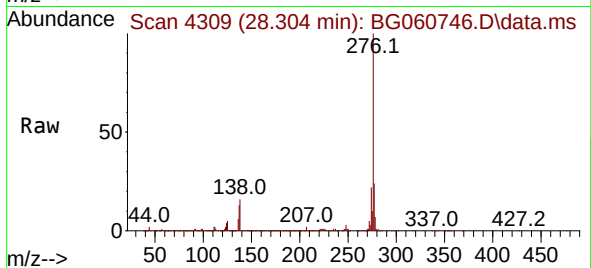
138 12.9 12.4 18.6

277 25.4 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: 51.754 ng

RT: 23.751 min Scan# 3534

Delta R.T. -0.010 min

Lab File: BG060746.D

Acq: 2 Apr 2024 20:46

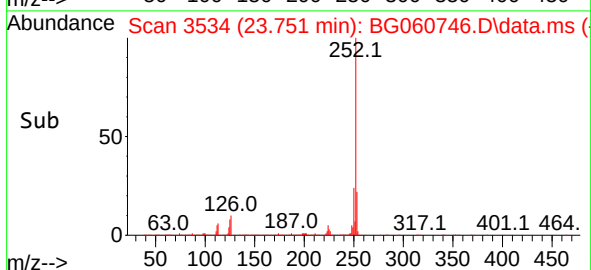
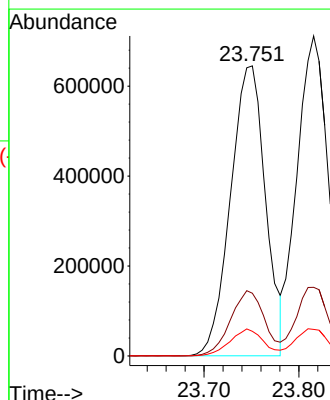
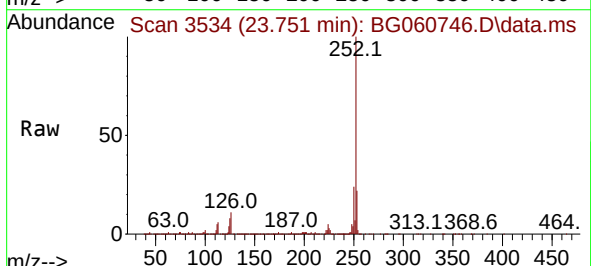
Tgt Ion:252 Resp: 1651412

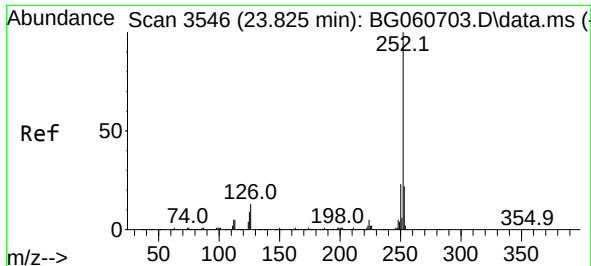
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 8.5 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 49.627 ng
RT: 23.816 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

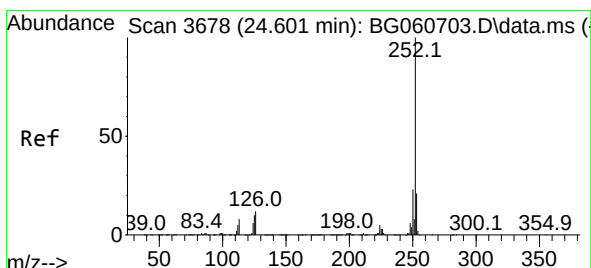
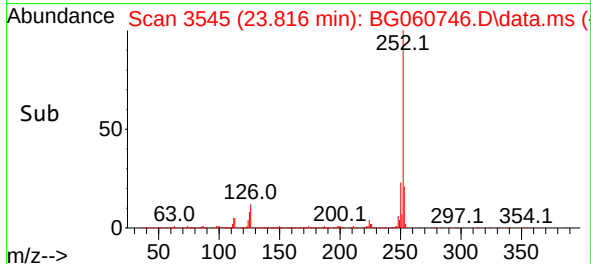
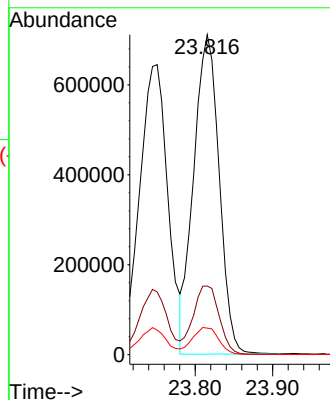
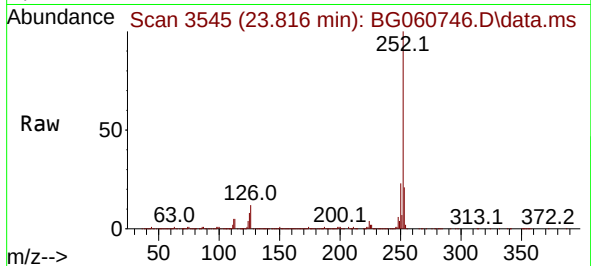
72-11991MS

Tgt Ion:252 Resp: 1620828
Ion Ratio Lower Upper
252 100
253 21.4 17.6 26.4
125 8.3 7.5 11.3

Manual Integrations

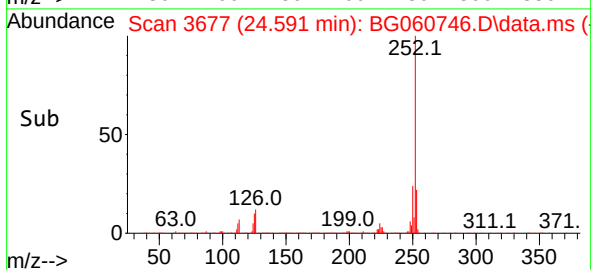
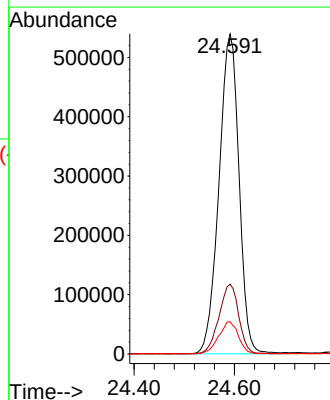
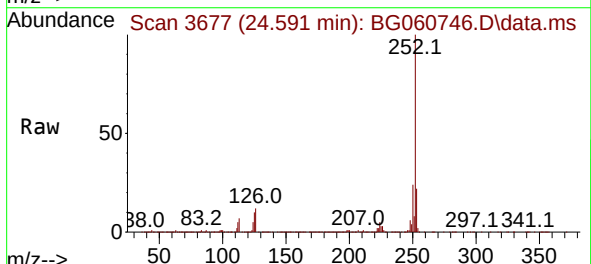
APPROVED

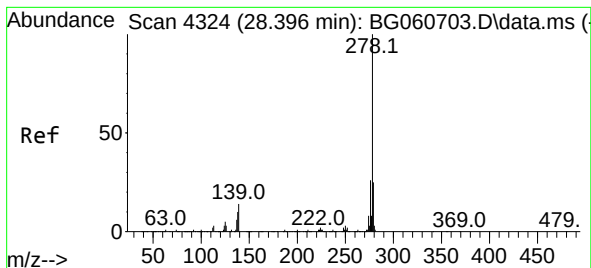
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#90
Benzo(a)pyrene
Concen: 48.144 ng
RT: 24.591 min Scan# 3677
Delta R.T. -0.010 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Tgt Ion:252 Resp: 1492906
Ion Ratio Lower Upper
252 100
253 21.8 16.8 25.2
125 10.1 7.6 11.4





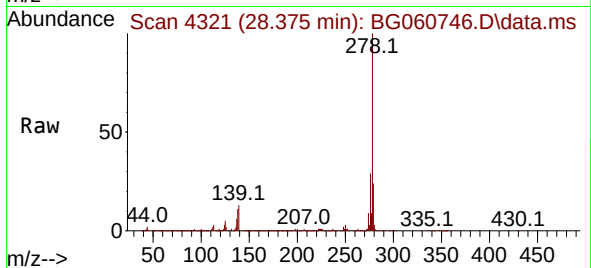
#91
Dibenzo(a,h)anthracene
Concen: 50.527 ng
RT: 28.375 min Scan# 41
Delta R.T. -0.021 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46

Instrument :

BNA_G

ClientSampleId :

72-11991MS

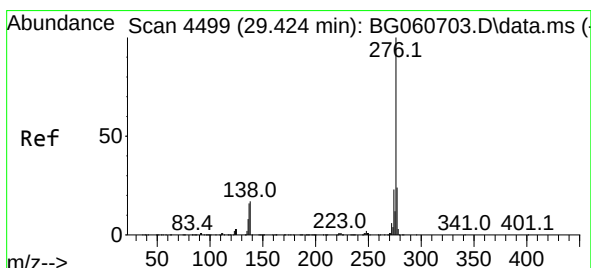
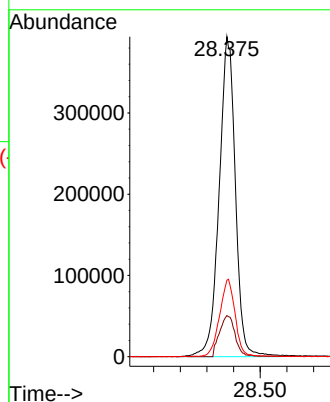
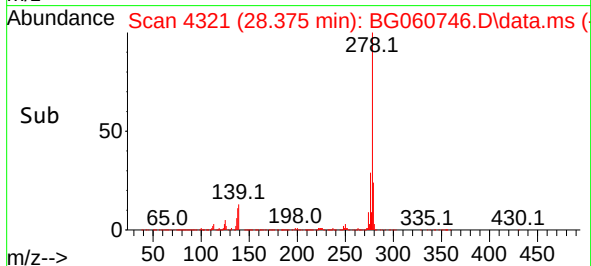


Tgt Ion:278 Resp: 1665970
Ion Ratio Lower Upper
278 100
139 12.8 11.1 16.7
279 23.9 19.8 29.6

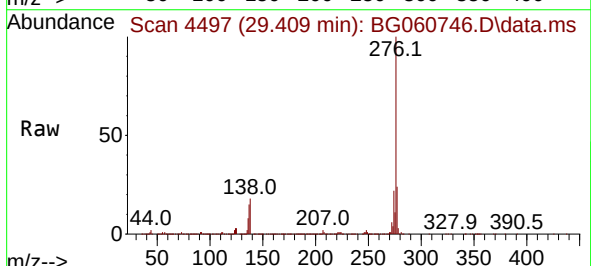
Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 46.661 ng
RT: 29.409 min Scan# 4497
Delta R.T. -0.016 min
Lab File: BG060746.D
Acq: 2 Apr 2024 20:46



Tgt Ion:276 Resp: 1496596
Ion Ratio Lower Upper
276 100
277 24.4 18.9 28.3
138 17.7 14.0 21.0

