

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041524\
 Data File : BG060905.D
 Acq On : 15 Apr 2024 17:49
 Operator : MA/JU
 Sample : P2114-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-041224MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/17/2024
 Supervised By :mohammad ahmed 04/18/2024

Quant Time: Apr 16 03:42:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	68524	20.000	ng	-0.01
21) Naphthalene-d8	10.747	136	263156	20.000	ng	-0.01
39) Acenaphthene-d10	14.578	164	189165	20.000	ng	-0.01
64) Phenanthrene-d10	17.328	188	432907	20.000	ng	-0.01
76) Chrysene-d12	21.587	240	391790	20.000	ng	-0.02
86) Perylene-d12	24.725	264	478078	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.541	112	464934	113.030	ng	0.00
7) Phenol-d6	7.122	99	595857	97.589	ng	0.00
23) Nitrobenzene-d5	9.108	82	422006	91.506	ng	0.00
42) 2,4,6-Tribromophenol	16.070	330	324512	151.124	ng	0.00
45) 2-Fluorobiphenyl	13.203	172	858316	66.592	ng	-0.02
79) Terphenyl-d14	19.948	244	1437754	64.617	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.462	88	56286	33.375	ng	99
3) Pyridine	3.843	79	151278	29.738	ng	86
4) n-Nitrosodimethylamine	3.761	42	119846	39.414	ng	94
6) Aniline	7.275	93	126573	16.416	ng	97
8) 2-Chlorophenol	7.516	128	200682	43.034	ng	95
9) Benzaldehyde	7.087	77	16470m	4.892	ng	
10) Phenol	7.145	94	260021	41.728	ng	96
11) bis(2-Chloroethyl)ether	7.375	93	179988	35.776	ng	99
12) 1,3-Dichlorobenzene	7.845	146	214895	44.313	ng	96
13) 1,4-Dichlorobenzene	7.986	146	221497	44.769	ng	99
14) 1,2-Dichlorobenzene	8.303	146	222392	45.868	ng	98
15) Benzyl Alcohol	8.185	79	198113	40.056	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.467	45	479023	42.190	ng	98
17) 2-Methylphenol	8.391	107	186811	39.712	ng	98
18) Hexachloroethane	9.031	117	85518	48.668	ng	# 89
19) n-Nitroso-di-n-propyla...	8.755	70	168203	36.124	ng	# 99
20) 3+4-Methylphenols	8.720	107	253118	39.294	ng	92
22) Acetophenone	8.767	105	331963	45.749	ng	# 97
24) Nitrobenzene	9.149	77	252522	49.122	ng	97
25) Isophorone	9.672	82	452402	42.590	ng	100
26) 2-Nitrophenol	9.860	139	118331	62.116	ng	98
27) 2,4-Dimethylphenol	9.919	122	154697	36.255	ng	98
28) bis(2-Chloroethoxy)met...	10.154	93	267324	42.627	ng	99
29) 2,4-Dichlorophenol	10.395	162	201349	51.387	ng	98
30) 1,2,4-Trichlorobenzene	10.612	180	232533	52.410	ng	97
31) Naphthalene	10.800	128	634150	44.548	ng	99
32) Benzoic acid	10.071	122	153078	53.078	ng	96
33) 4-Chloroaniline	10.894	127	83409	12.615	ng	96
34) Hexachlorobutadiene	11.088	225	164814	55.737	ng	97
35) Caprolactam	11.675	113	63827m	41.129	ng	
36) 4-Chloro-3-methylphenol	12.028	107	223246	44.600	ng	99
37) 2-Methylnaphthalene	12.404	142	435507	41.613	ng	99
38) 1-Methylnaphthalene	12.621	142	412772	41.750	ng	98
40) 1,2,4,5-Tetrachloroben...	12.774	216	297371	54.681	ng	99
41) Hexachlorocyclopentadiene	12.757	237	271835	98.304	ng	100
43) 2,4,6-Trichlorophenol	13.009	196	195673	55.878	ng	97

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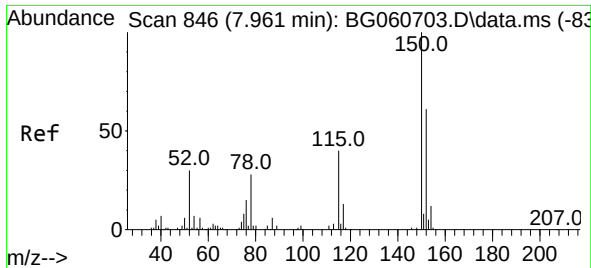
Manual Integrations
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 Supervised By :mohammad ahmed 04/18/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.086	196	209570	50.149	ng	97
46) 1,1'-Biphenyl	13.415	154	607462	45.464	ng	99
47) 2-Chloronaphthalene	13.456	162	486540	47.927	ng	98
48) 2-Nitroaniline	13.656	65	178600	53.258	ng	97
49) Acenaphthylene	14.302	152	792994	46.490	ng	100
50) Dimethylphthalate	14.037	163	627632	41.977	ng	99
51) 2,6-Dinitrotoluene	14.155	165	133629	49.777	ng	90
52) Acenaphthene	14.643	154	541561m	50.568	ng	
53) 3-Nitroaniline	14.478	138	93083	32.665	ng	99
54) 2,4-Dinitrophenol	14.690	184	163695	157.288	ng	90
55) Dibenzofuran	14.983	168	745216	44.115	ng	100
56) 4-Nitrophenol	14.795	139	232055	106.166	ng	97
57) 2,4-Dinitrotoluene	14.942	165	194309	54.913	ng	92
58) Fluorene	15.630	166	594460	43.847	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.207	232	196177	53.867	ng	97
60) Diethylphthalate	15.406	149	612819	40.739	ng	99
61) 4-Chlorophenyl-phenyle...	15.624	204	322964	45.027	ng	95
62) 4-Nitroaniline	15.647	138	134402	49.166	ng	92
63) Azobenzene	15.918	77	597957	40.793	ng	95
65) 4,6-Dinitro-2-methylph...	15.706	198	117027	62.939	ng	97
66) n-Nitrosodiphenylamine	15.841	169	542182	43.827	ng	97
67) 4-Bromophenyl-phenylether	16.517	248	227265	51.728	ng	98
68) Hexachlorobenzene	16.634	284	258421	52.105	ng	98
69) Atrazine	16.793	200	213013	49.240	ng	99
70) Pentachlorophenol	16.981	266	344393	106.420	ng	98
71) Phenanthrene	17.369	178	1012065	44.952	ng	99
72) Anthracene	17.463	178	1020907	44.649	ng	100
73) Carbazole	17.727	167	884299	43.865	ng	98
74) Di-n-butylphthalate	18.303	149	1067217	42.462	ng	99
75) Fluoranthene	19.378	202	1231505	45.077	ng	97
77) Benzidine	19.560	184	558293	54.116	ng	98
78) Pyrene	19.742	202	1274655	46.519	ng	100
80) Butylbenzylphthalate	20.641	149	470781	47.099	ng	97
81) Benzo(a)anthracene	21.570	228	1305410	47.268	ng	100
82) 3,3'-Dichlorobenzidine	21.487	252	336785	36.116	ng	98
83) Chrysene	21.634	228	1228380	46.147	ng	99
84) Bis(2-ethylhexyl)phtha...	21.499	149	682936	42.867	ng	99
85) Di-n-octyl phthalate	22.692	149	1185304	45.669	ng	100
87) Indeno(1,2,3-cd)pyrene	28.285	276	1556280	46.227	ng	# 96
88) Benzo(b)fluoranthene	23.738	252	1286021	46.823	ng	98
89) Benzo(k)fluoranthene	23.802	252	1259409	44.800	ng	# 98
90) Benzo(a)pyrene	24.578	252	1210935	45.369	ng	97
91) Dibenzo(a,h)anthracene	28.356	278	1285222	45.286	ng	# 97
92) Benzo(g,h,i)perylene	29.396	276	1149035	41.621	ng	96

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



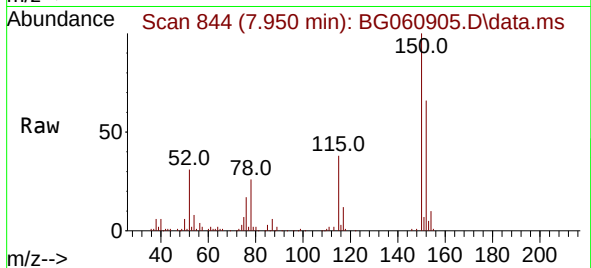
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.950 min Scan# 84
 Delta R.T. -0.011 min
 Lab File: BG060905.D
 Acq: 15 Apr 2024 17:49

Instrument :

BNA_G

ClientSampleId :

NB-08-041224MSD



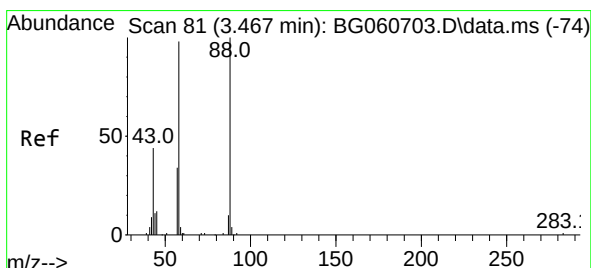
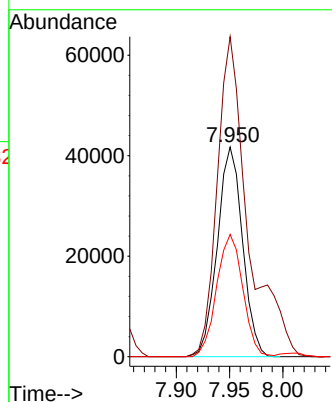
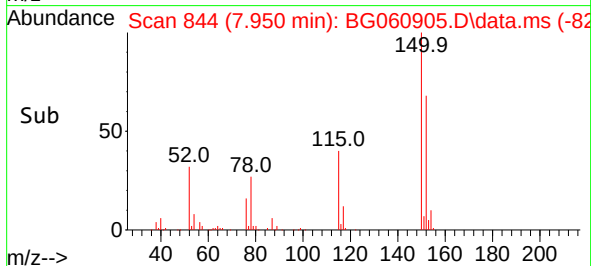
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 Ion Ratio Lower Upper
 152 100
 150 152.6 130.2 195.4
 115 58.3 51.6 77.4

Manual Integrations

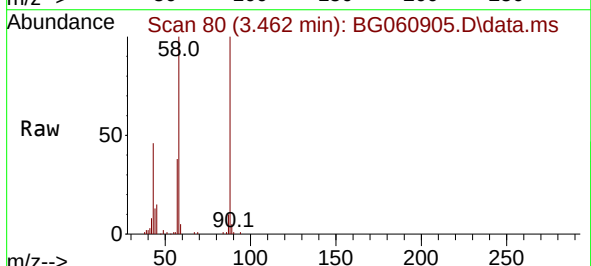
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Reviewed By :Yogesh Patel 04/17/2024

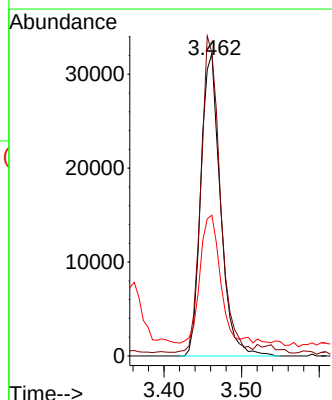
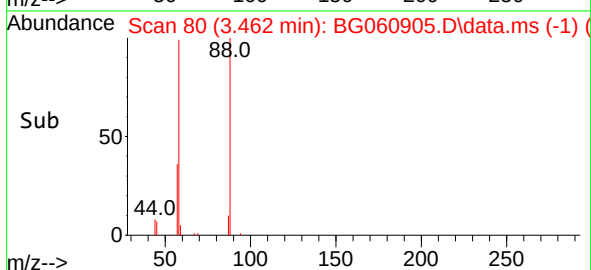
Supervised By :mohammad ahmed 04/18/2024

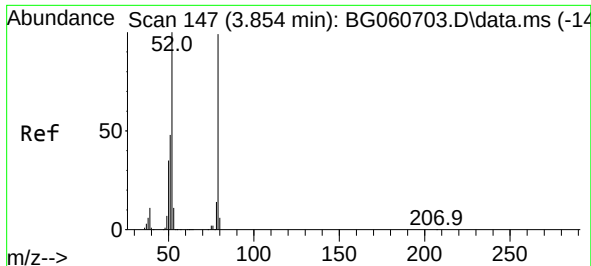


#2
 1,4-Dioxane
 Concen: 33.375 ng
 RT: 3.462 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BG060905.D
 Acq: 15 Apr 2024 17:49



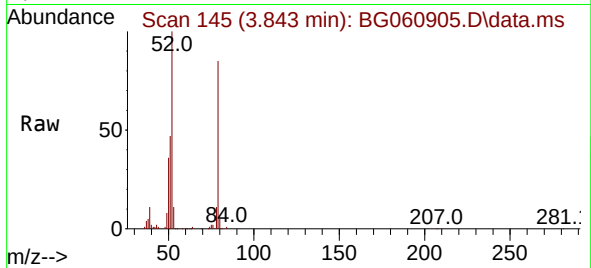
Tgt Ion: 88 Resp: 56286
 Ion Ratio Lower Upper
 88 100
 58 102.4 80.9 121.3
 43 43.9 35.4 53.0





#3
Pyridine
Concen: 29.738 ng
RT: 3.843 min Scan# 147
Delta R.T. -0.011 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

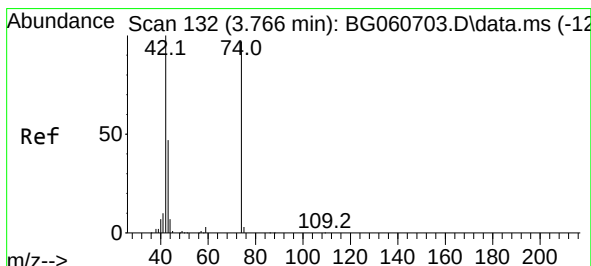
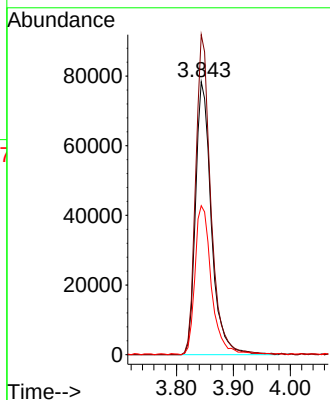
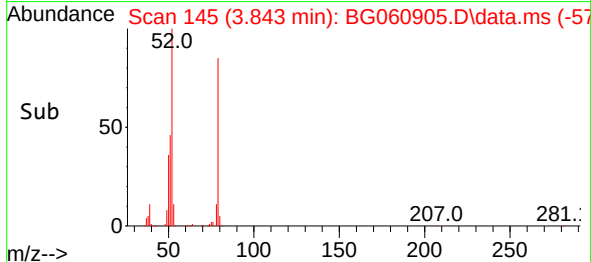
Instrument :
BNA_G
ClientSampleId :
NB-08-041224MSD



Tgt Ion: 79 Resp: 151278
Ion Ratio Lower Upper
79 100
52 117.2 80.6 120.8
51 54.6 39.1 58.7

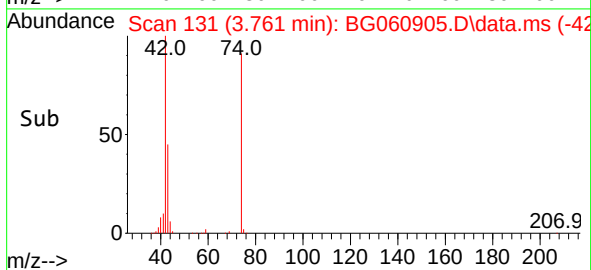
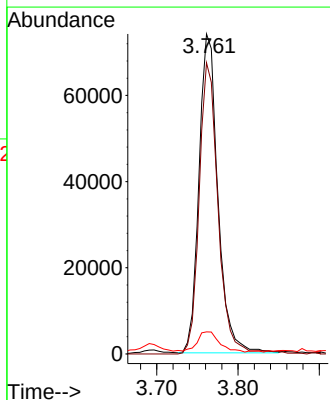
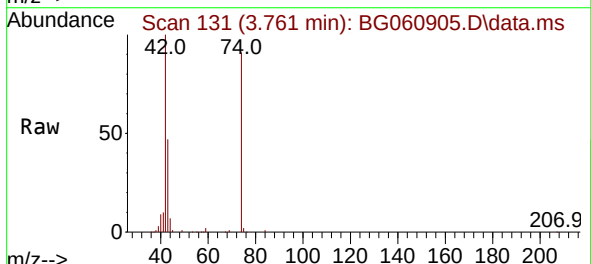
Manual Integrations
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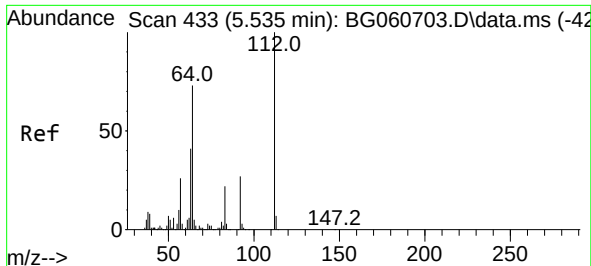
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#4
n-Nitrosodimethylamine
Concen: 39.414 ng
RT: 3.761 min Scan# 131
Delta R.T. -0.005 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Tgt Ion: 42 Resp: 119846
Ion Ratio Lower Upper
42 100
74 91.0 77.8 116.8
44 6.9 6.8 10.2





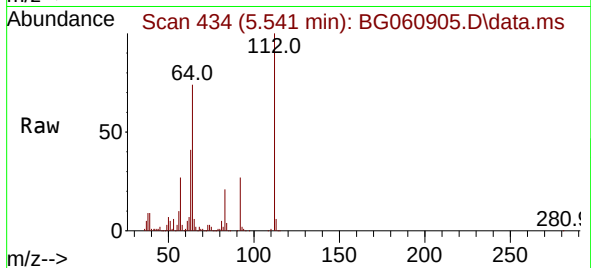
#5
2-Fluorophenol
Concen: 113.030 ng
RT: 5.541 min Scan# 41
Delta R.T. 0.007 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Instrument :

BNA_G

ClientSampleId :

NB-08-041224MSD



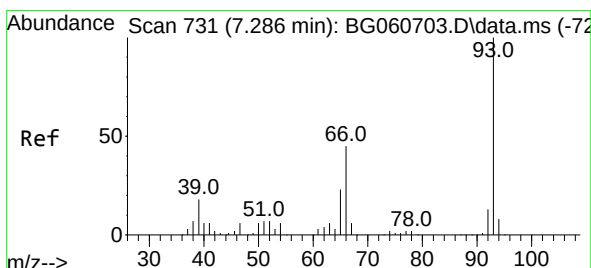
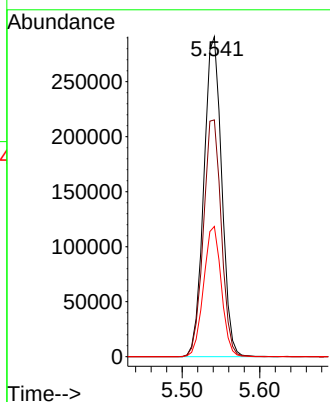
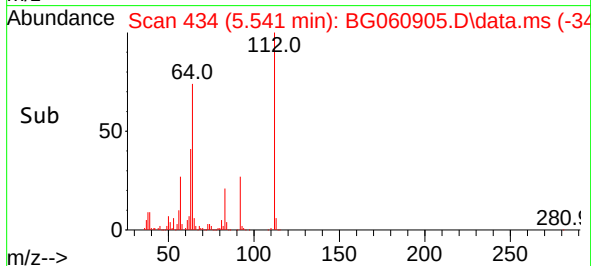
Tgt Ion:112 Resp: 464934
Ion Ratio Lower Upper
112 100
64 74.0 58.4 87.6
63 40.7 32.7 49.1

Manual Integrations

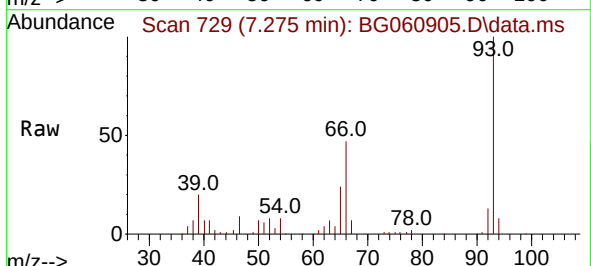
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Reviewed By :Yogesh Patel 04/17/2024

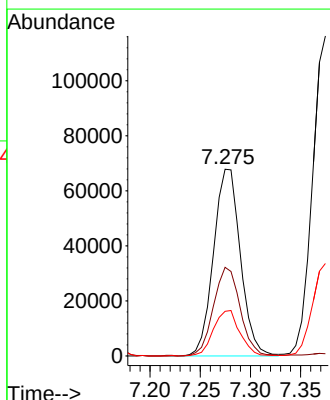
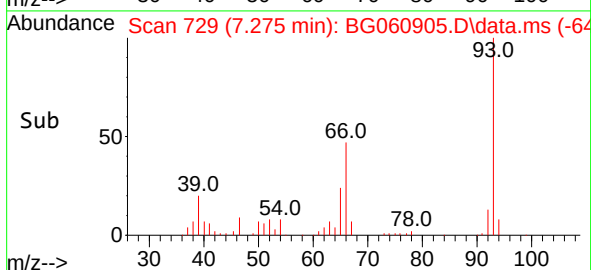
Supervised By :mohammad ahmed 04/18/2024

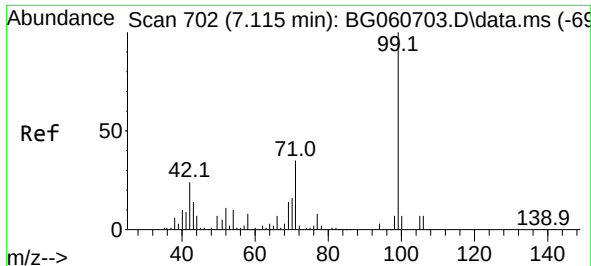


#6
Aniline
Concen: 16.416 ng
RT: 7.275 min Scan# 729
Delta R.T. -0.011 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49



Tgt Ion: 93 Resp: 126573
Ion Ratio Lower Upper
93 100
66 47.4 36.1 54.1
65 23.9 18.1 27.1





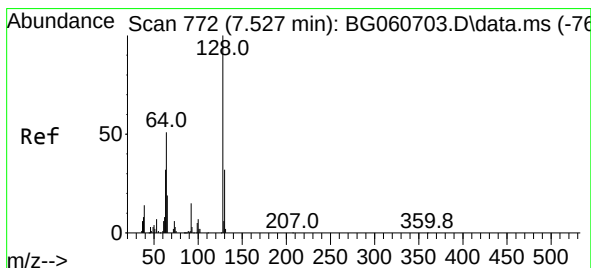
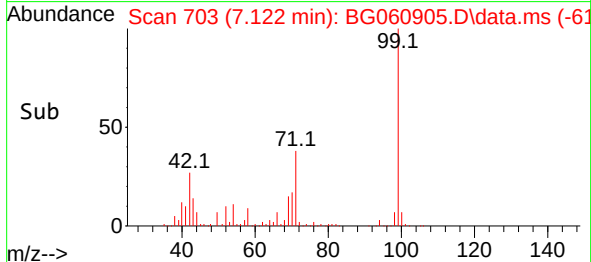
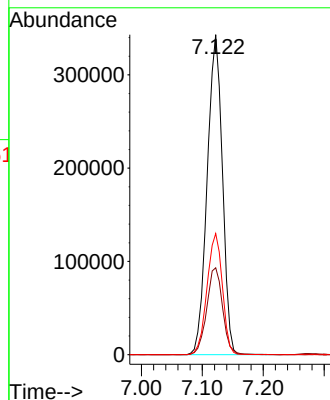
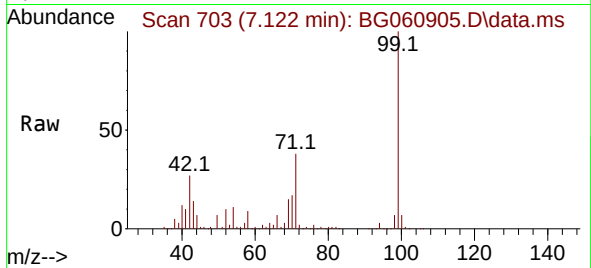
#7
Phenol-d6
Concen: 97.589 ng
RT: 7.122 min Scan# 702
Delta R.T. 0.007 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Instrument :
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ClientSampleId :
NB-08-041224MSD

Tgt Ion: 99 Resp: 59585
Ion Ratio Lower Upper
99 100
42 27.2 19.4 29.2
71 37.9 28.2 42.2

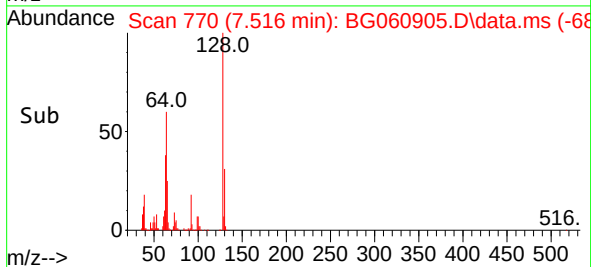
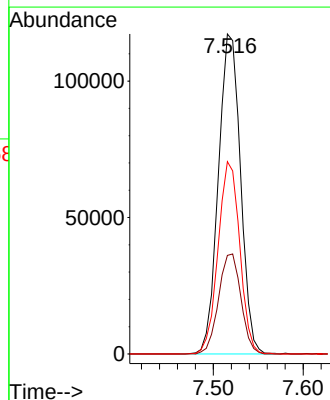
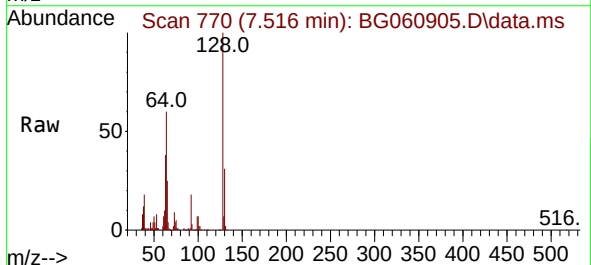
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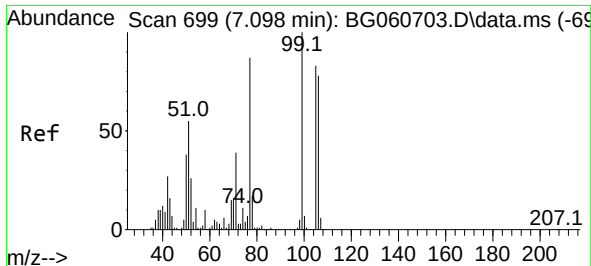
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#8
2-Chlorophenol
Concen: 43.034 ng
RT: 7.516 min Scan# 770
Delta R.T. -0.011 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Tgt Ion:128 Resp: 200682
Ion Ratio Lower Upper
128 100
130 30.8 12.3 52.3
64 60.1 35.0 75.0





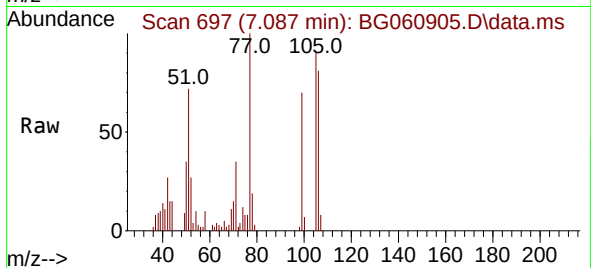
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Benzaldehyde
Concen: 4.892 ng m
RT: 7.087 min Scan# 699
Delta R.T. -0.011 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Instrument :

BNA_G

ClientSampleId :

NB-08-041224MSD



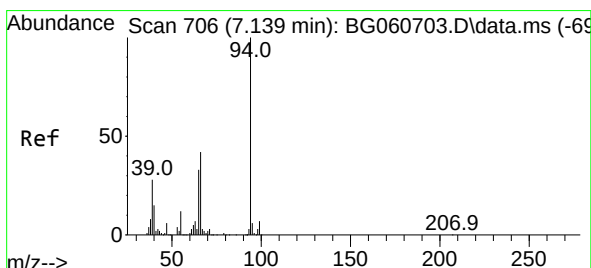
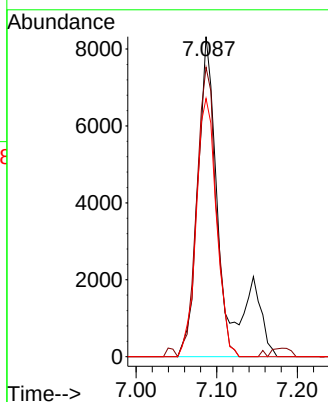
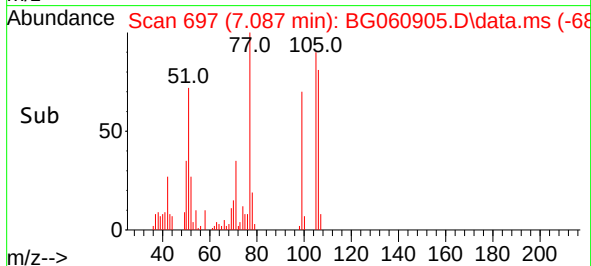
Tgt Ion: 77 Resp: 16470
Ion Ratio Lower Upper
77 100
105 90.5 76.0 116.0
106 80.7 70.3 110.3

Manual Integrations

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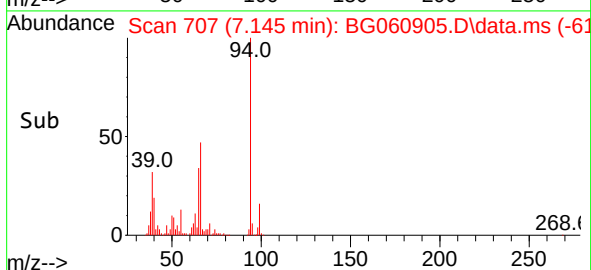
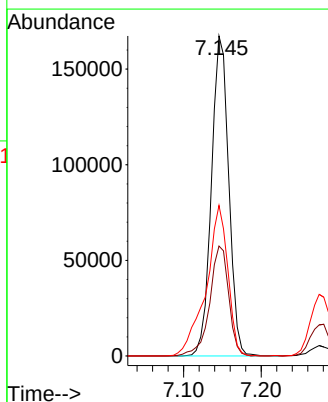
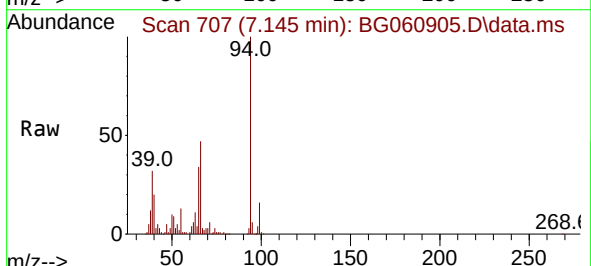
Reviewed By :Yogesh Patel 04/17/2024

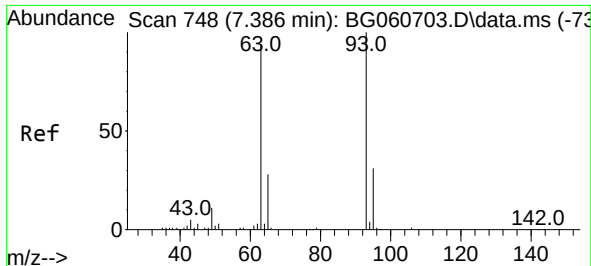
Supervised By :mohammad ahmed 04/18/2024



#10
Phenol
Concen: 41.728 ng
RT: 7.145 min Scan# 707
Delta R.T. 0.007 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Tgt Ion: 94 Resp: 260021
Ion Ratio Lower Upper
94 100
65 34.4 13.3 53.3
66 47.0 22.9 62.9





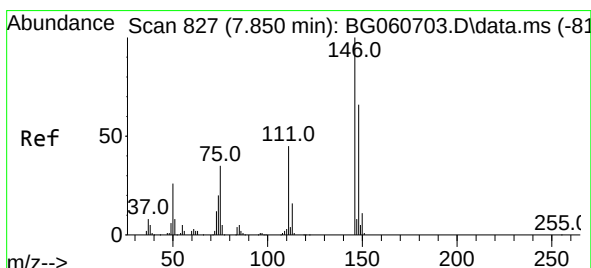
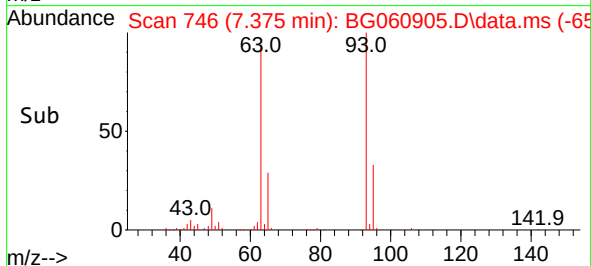
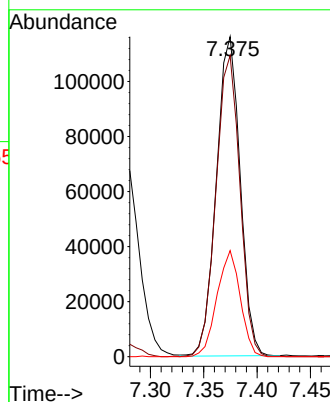
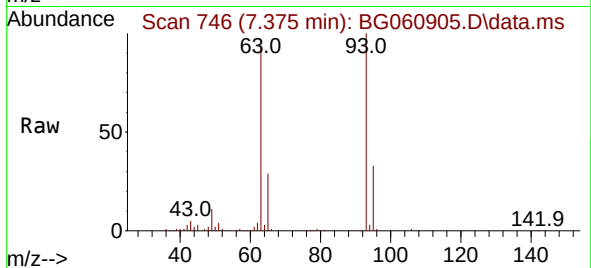
#11
bis(2-Chloroethyl)ether
Concen: 35.776 ng
RT: 7.375 min Scan# 748
Delta R.T. -0.011 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Instrument :
BNA_G
ClientSampleId :
NB-08-041224MSD

Tgt Ion: 93 Resp: 179988
Ion Ratio Lower Upper
93 100
63 94.1 73.7 113.7
95 33.2 11.2 51.2

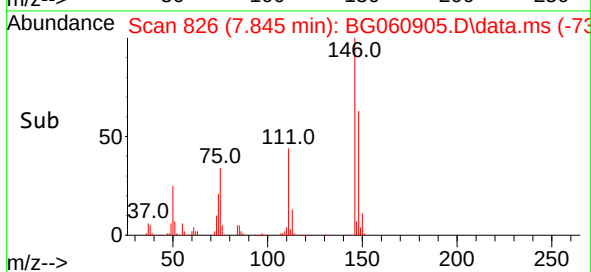
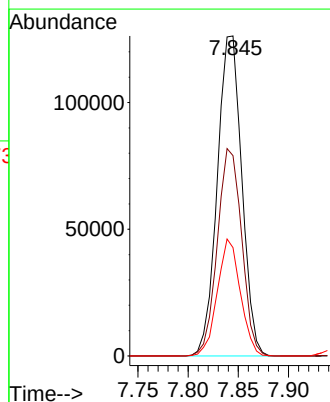
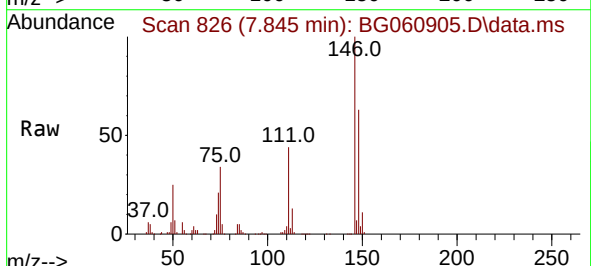
Manual Integrations
APPROVED

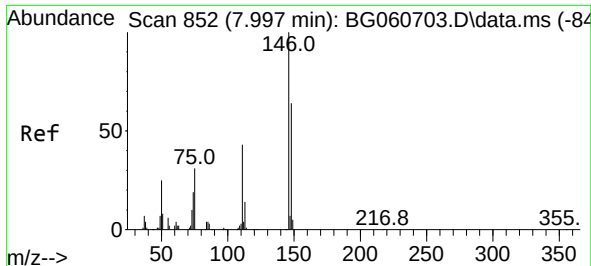
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#12
1,3-Dichlorobenzene
Concen: 44.313 ng
RT: 7.845 min Scan# 826
Delta R.T. -0.005 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Tgt Ion:146 Resp: 214895
Ion Ratio Lower Upper
146 100
148 62.6 53.0 79.4
75 33.9 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 44.769 ng

RT: 7.986 min Scan# 81

Delta R.T. -0.011 min

Lab File: BG060905.D

Acq: 15 Apr 2024 17:49

Instrument :

BNA_G

ClientSampleId :

NB-08-041224MSD

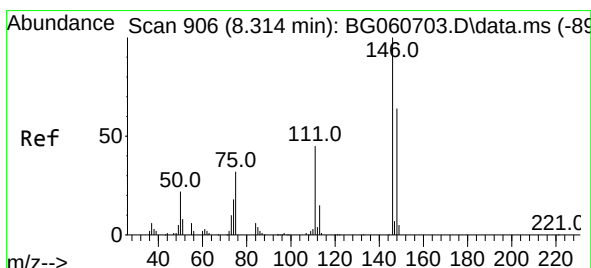
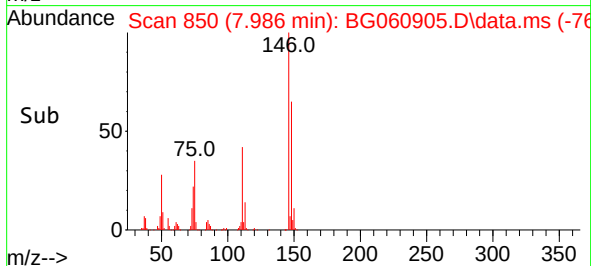
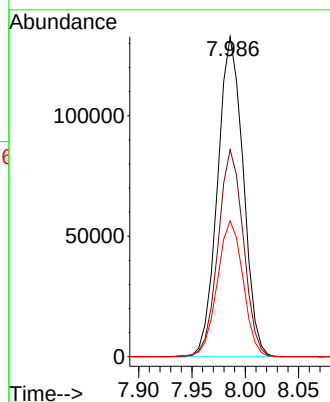
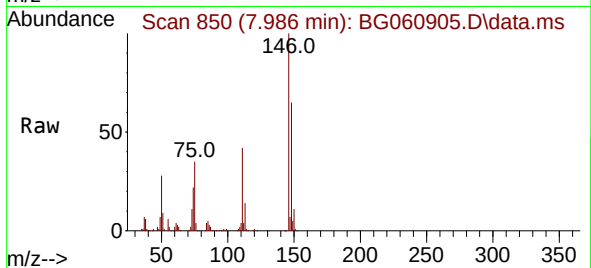
Tgt Ion:146 Resp: 221497
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.1 76.7
 111 42.5 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/17/2024

Supervised By :mohammad ahmed 04/18/2024



#14

1,2-Dichlorobenzene

Concen: 45.868 ng

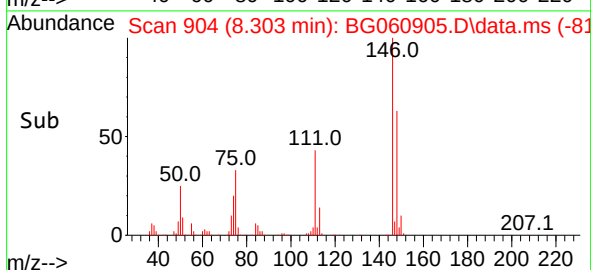
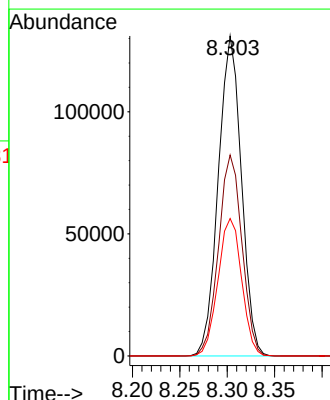
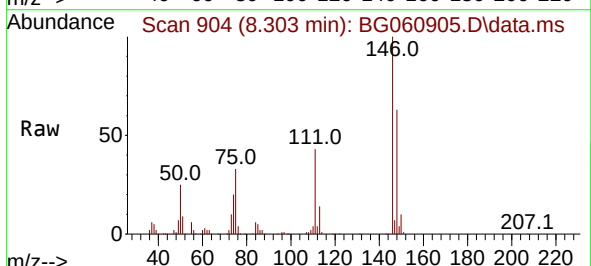
RT: 8.303 min Scan# 904

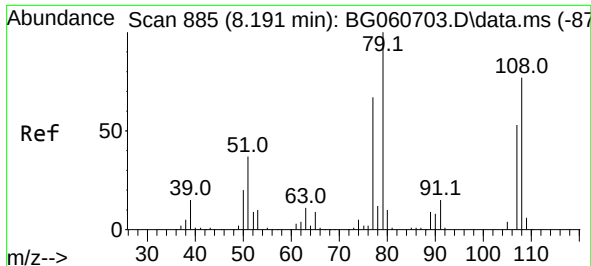
Delta R.T. -0.011 min

Lab File: BG060905.D

Acq: 15 Apr 2024 17:49

Tgt Ion:146 Resp: 222392
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.0 76.6
 111 42.9 36.0 54.0





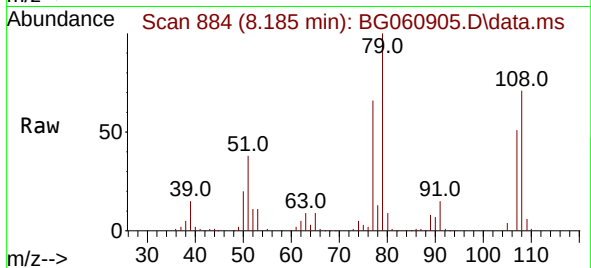
#15
Benzyl Alcohol
Concen: 40.056 ng
RT: 8.185 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Instrument :

BNA_G

ClientSampleId :

NB-08-041224MSD



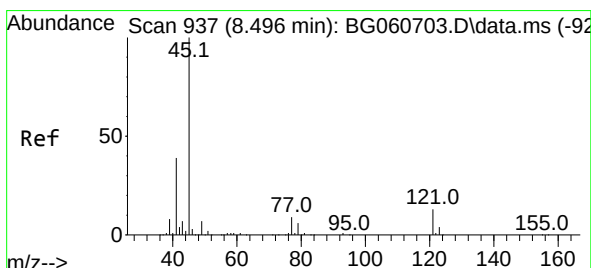
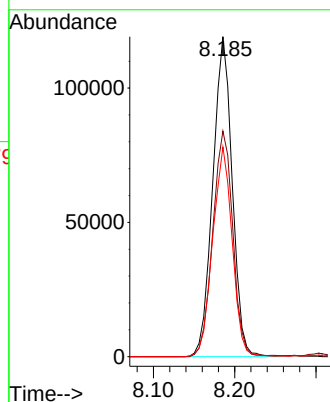
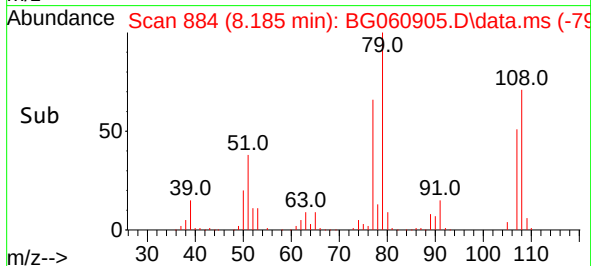
Tgt Ion: 79 Resp: 19811
Ion Ratio Lower Upper
79 100
108 70.5 61.4 92.0
77 65.5 53.6 80.4

Manual Integrations

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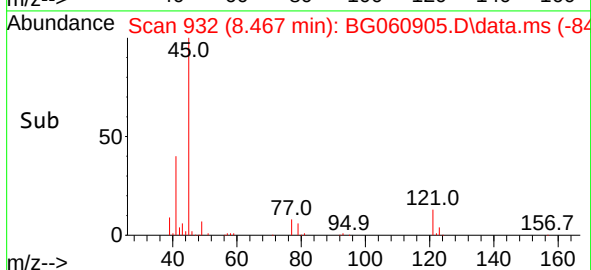
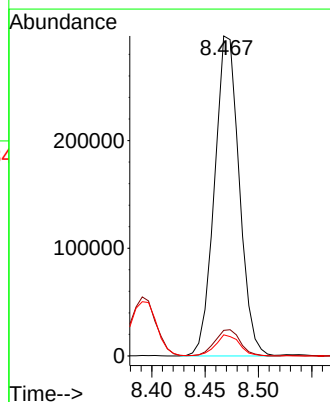
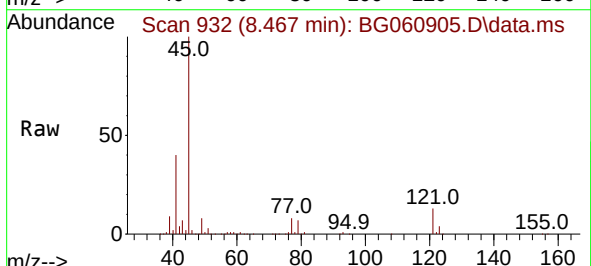
Reviewed By :Yogesh Patel 04/17/2024

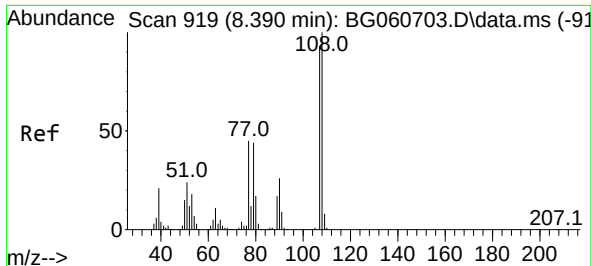
Supervised By :mohammad ahmed 04/18/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.190 ng
RT: 8.467 min Scan# 932
Delta R.T. -0.029 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Tgt Ion: 45 Resp: 479023
Ion Ratio Lower Upper
45 100
77 8.0 0.0 29.1
79 6.6 0.0 26.5





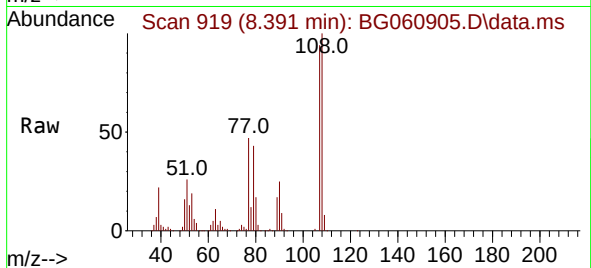
#17
2-Methylphenol
Concen: 39.712 ng
RT: 8.391 min Scan# 919
Delta R.T. 0.001 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Instrument :

BNA_G

ClientSampleId :

NB-08-041224MSD



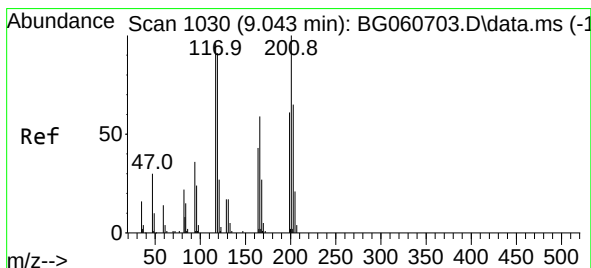
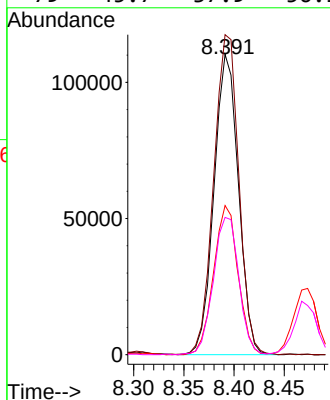
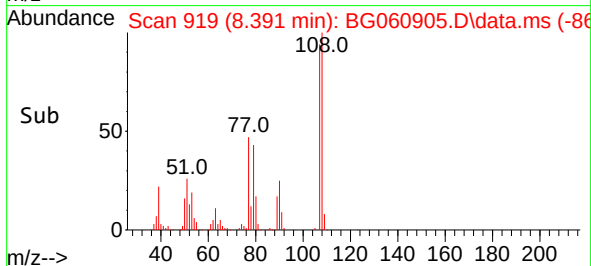
Tgt Ion:107 Resp: 18681
Ion Ratio Lower Upper
107 100
108 106.5 86.4 129.6
77 49.7 38.6 58.0
79 45.7 37.9 56.9

Manual Integrations

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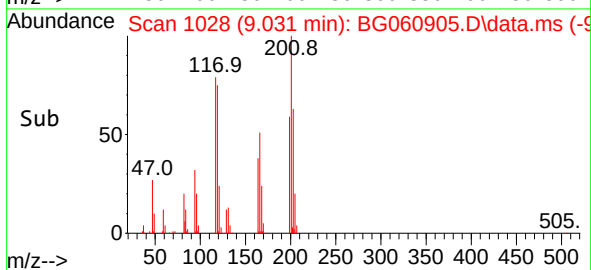
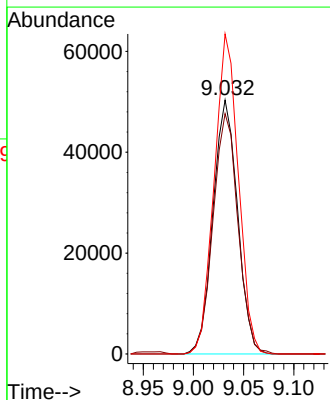
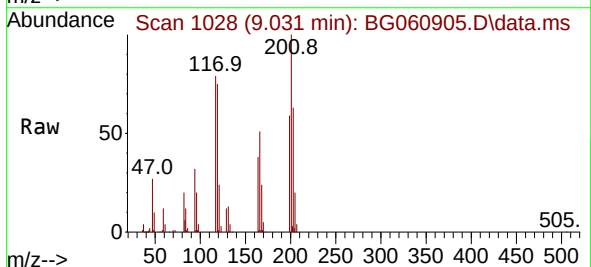
Reviewed By :Yogesh Patel 04/17/2024

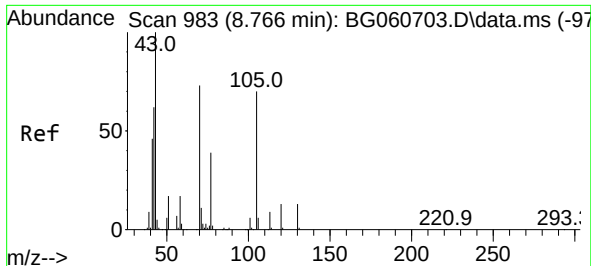
Supervised By :mohammad ahmed 04/18/2024



#18
Hexachloroethane
Concen: 48.668 ng
RT: 9.031 min Scan# 1028
Delta R.T. -0.011 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

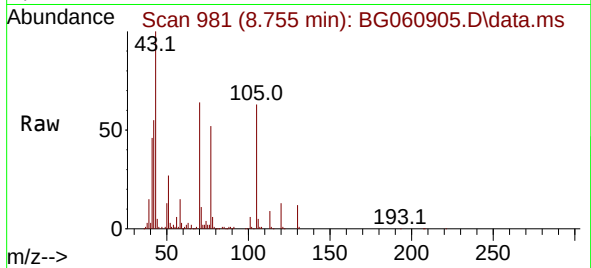
Tgt Ion:117 Resp: 85518
Ion Ratio Lower Upper
117 100
119 94.6 75.7 113.5
201 126.0 83.4 125.2#





#19
n-Nitroso-di-n-propylamine
Concen: 36.124 ng
RT: 8.755 min Scan# 981
Delta R.T. -0.011 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

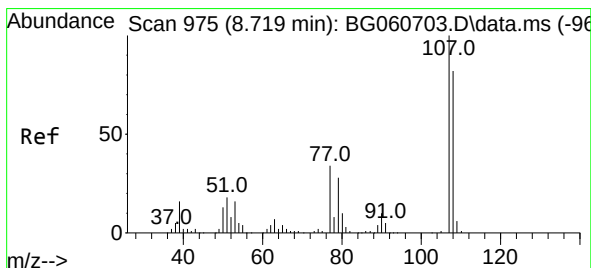
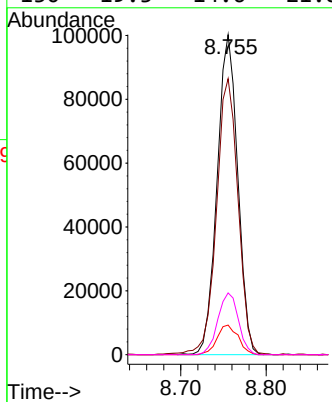
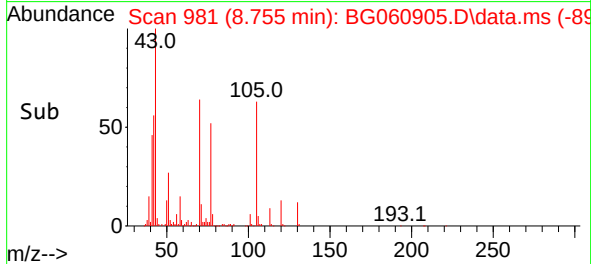
Instrument :
BNA_G
ClientSampleId :
NB-08-041224MSD



Tgt Ion: 70 Resp: 16820
Ion Ratio Lower Upper
70 100
42 86.3 68.4 102.6
101 9.2 6.1 9.1
130 19.3 14.6 21.8

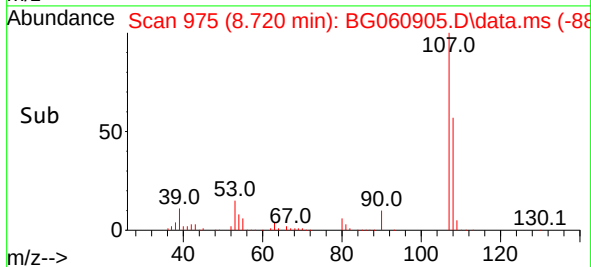
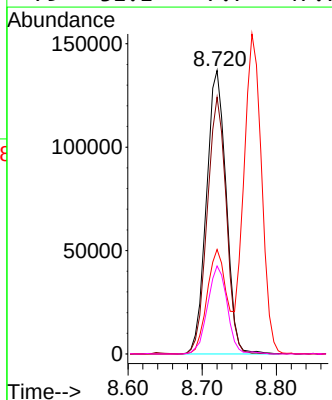
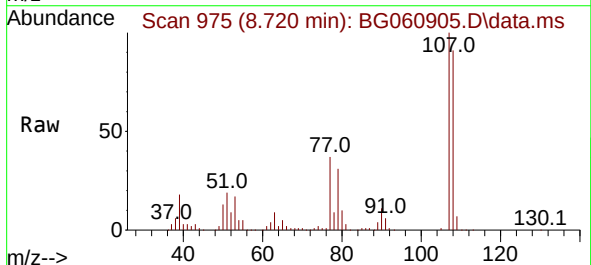
Manual Integrations
APPROVED

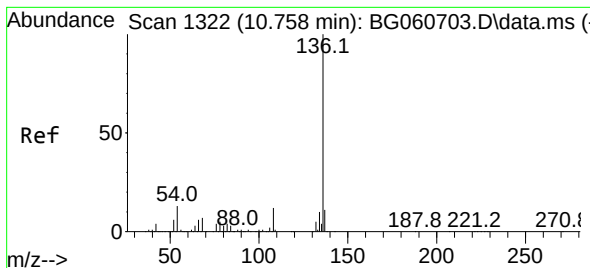
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#20
3+4-Methylphenols
Concen: 39.294 ng
RT: 8.720 min Scan# 975
Delta R.T. 0.001 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Tgt Ion:107 Resp: 253118
Ion Ratio Lower Upper
107 100
108 90.6 62.2 102.2
77 36.9 14.1 54.1
79 31.1 7.7 47.7





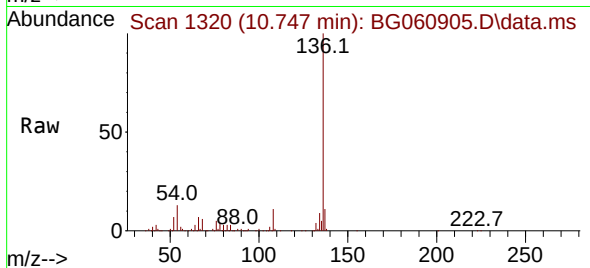
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.747 min Scan# 1320
Delta R.T. -0.011 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Instrument :

BNA_G

ClientSampleId :

NB-08-041224MSD



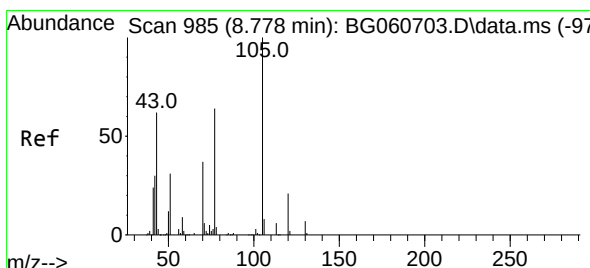
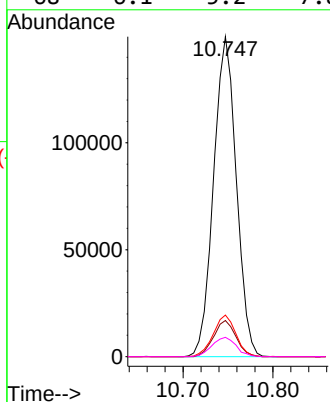
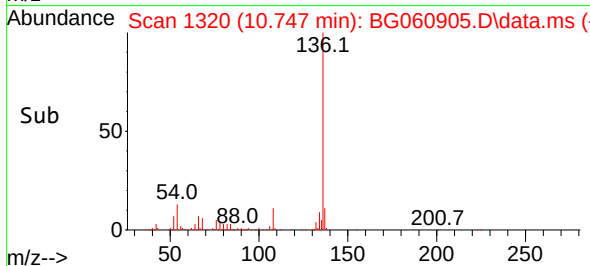
Tgt Ion:136 Resp: 263150
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 13.0 10.2 15.2
68 6.1 5.2 7.8

Manual Integrations

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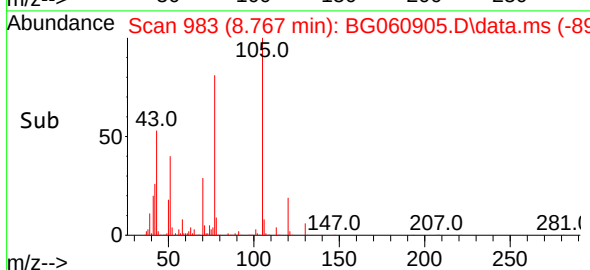
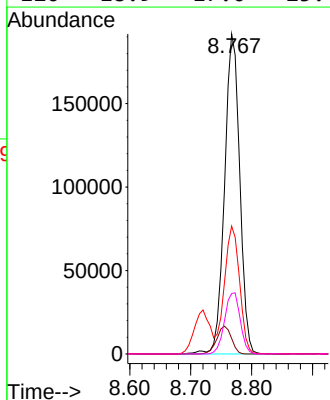
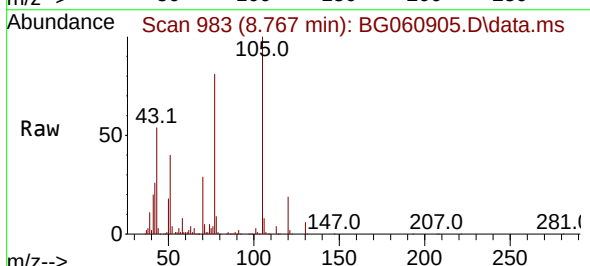
Reviewed By :Yogesh Patel 04/17/2024

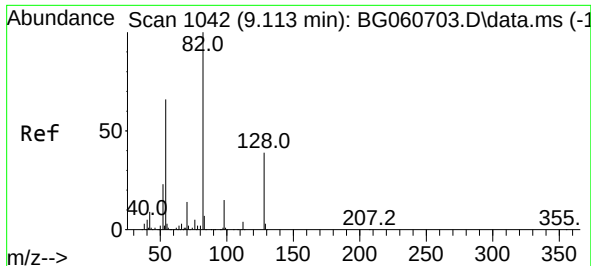
Supervised By :mohammad ahmed 04/18/2024



#22
Acetophenone
Concen: 45.749 ng
RT: 8.767 min Scan# 983
Delta R.T. -0.011 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Tgt Ion:105 Resp: 331963
Ion Ratio Lower Upper
105 100
71 4.9 4.9 7.3#
51 40.0 31.1 46.7
120 18.9 17.0 25.4





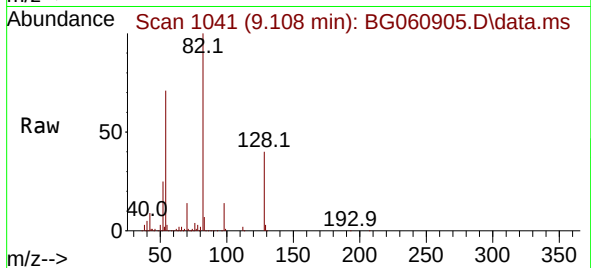
#23
Nitrobenzene-d5
Concen: 91.506 ng
RT: 9.108 min Scan# 1041
Delta R.T. -0.005 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Instrument :

BNA_G

ClientSampleId :

NB-08-041224MSD



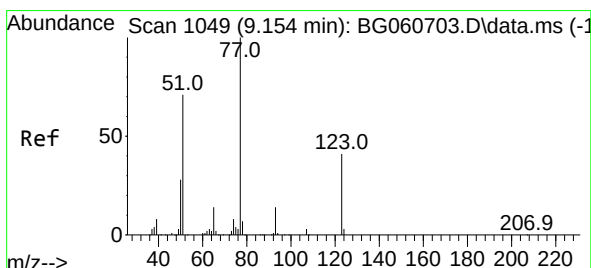
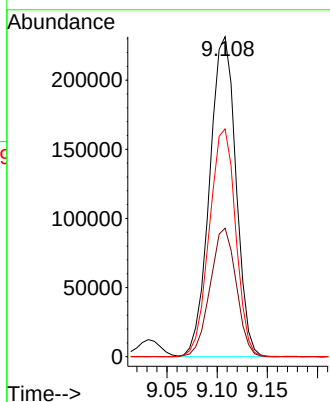
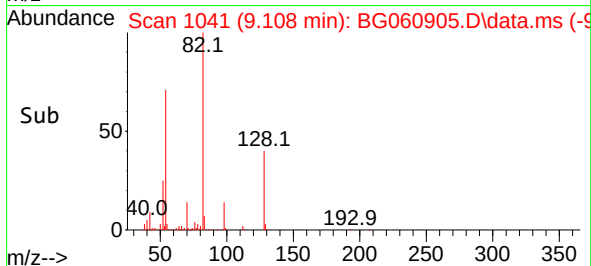
Tgt Ion: 82 Resp: 422000
Ion Ratio Lower Upper
82 100
128 40.2 31.2 46.8
54 71.2 53.2 79.8

Manual Integrations

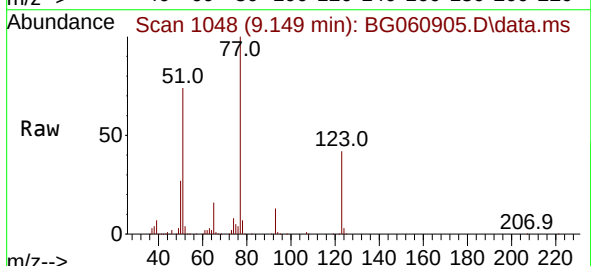
APPROVED

Reviewed By :Yogesh Patel 04/17/2024

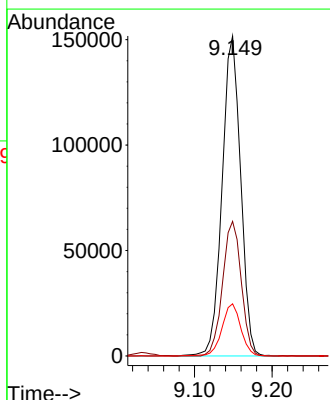
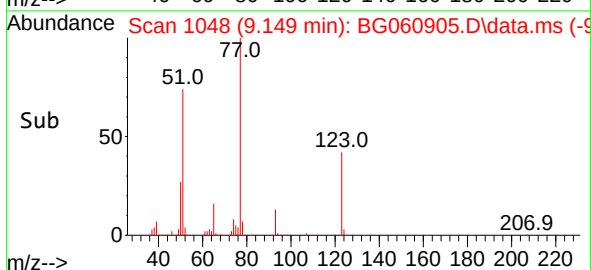
Supervised By :mohammad ahmed 04/18/2024

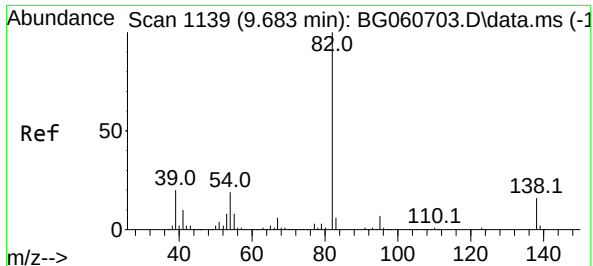


#24
Nitrobenzene
Concen: 49.122 ng
RT: 9.149 min Scan# 1048
Delta R.T. -0.005 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49



Tgt Ion: 77 Resp: 252522
Ion Ratio Lower Upper
77 100
123 42.1 32.7 49.1
65 16.3 11.3 16.9





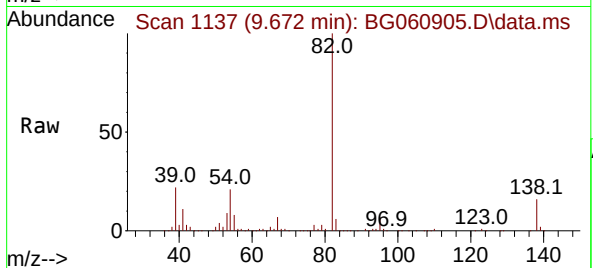
#25
Isophorone
Concen: 42.590 ng
RT: 9.672 min Scan# 1137
Delta R.T. -0.011 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Instrument :

BNA_G

ClientSampleId :

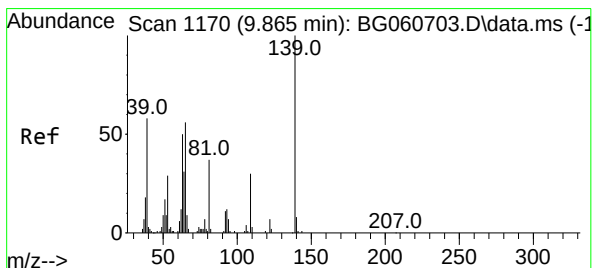
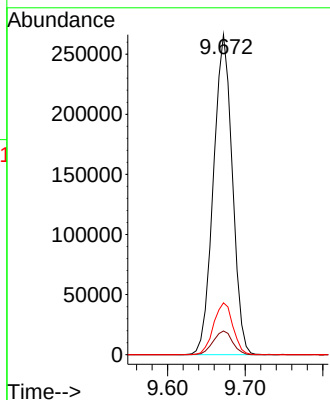
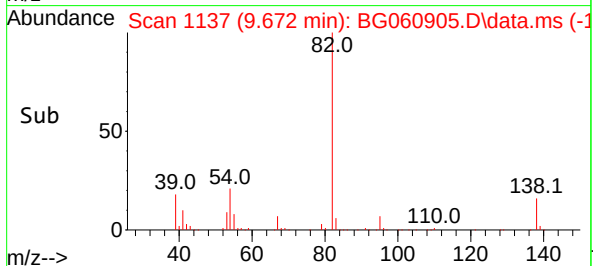
NB-08-041224MSD



Tgt Ion: 82 Resp: 45240
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 16.2 13.0 19.4

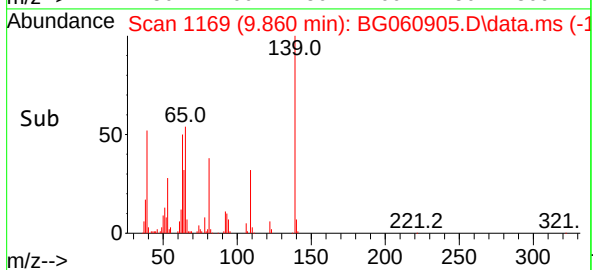
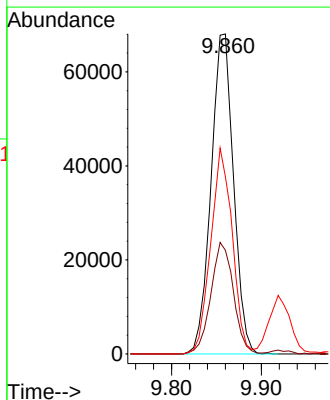
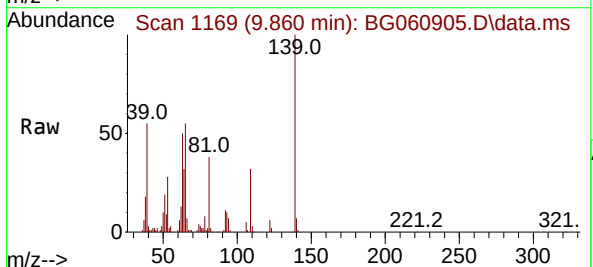
Manual Integrations
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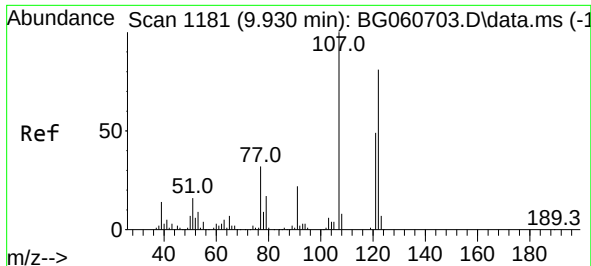
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#26
2-Nitrophenol
Concen: 62.116 ng
RT: 9.860 min Scan# 1169
Delta R.T. -0.005 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Tgt Ion:139 Resp: 118331
Ion Ratio Lower Upper
139 100
109 32.4 23.9 35.9
65 55.4 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 36.255 ng

RT: 9.919 min Scan# 1181

Delta R.T. -0.011 min

Lab File: BG060905.D

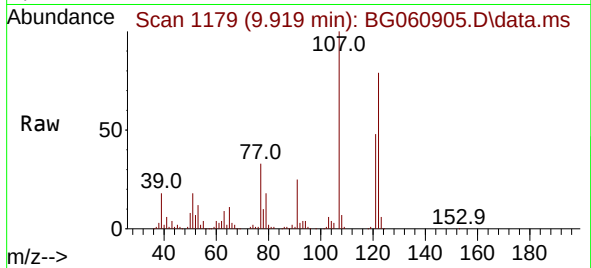
Acq: 15 Apr 2024 17:49

Instrument :

BNA_G

ClientSampleId :

NB-08-041224MSD



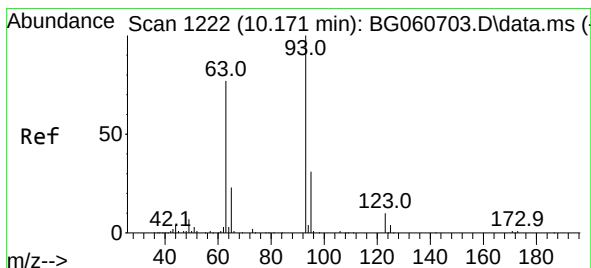
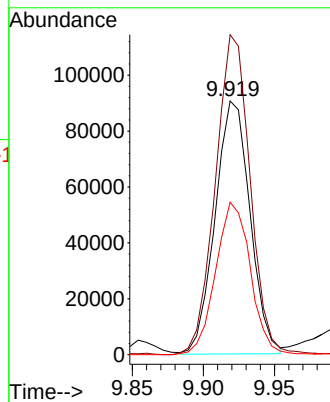
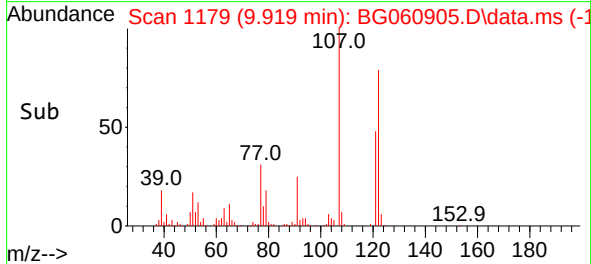
Tgt Ion:	122	Resp:	15469
Ion	Ratio	Lower	Upper
122	100		
107	126.1	98.6	147.8
121	60.1	48.1	72.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/17/2024

Supervised By :mohammad ahmed 04/18/2024



#28

bis(2-Chloroethoxy)methane

Concen: 42.627 ng

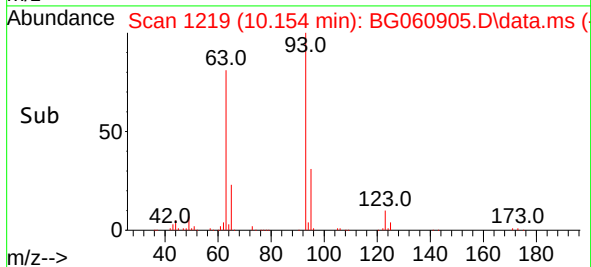
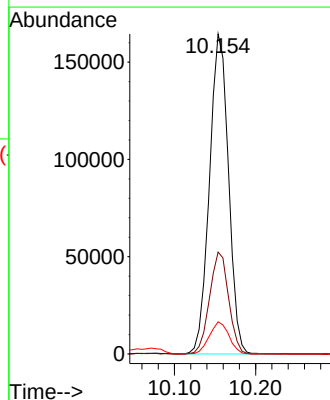
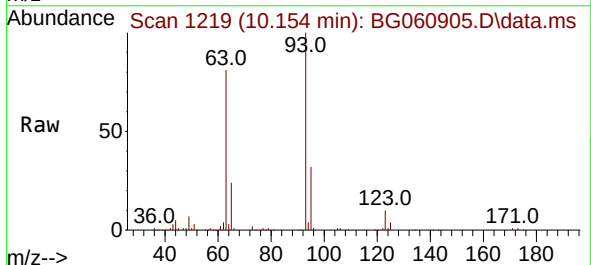
RT: 10.154 min Scan# 1219

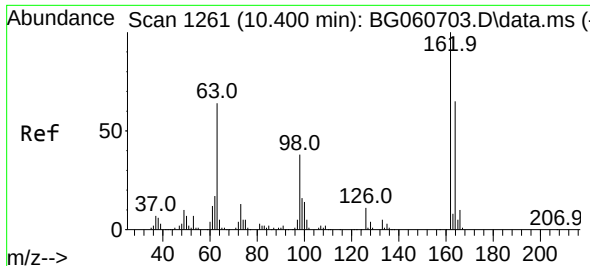
Delta R.T. -0.017 min

Lab File: BG060905.D

Acq: 15 Apr 2024 17:49

Tgt Ion:	93	Resp:	267324
Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.1	37.7
123	10.1	8.0	12.0





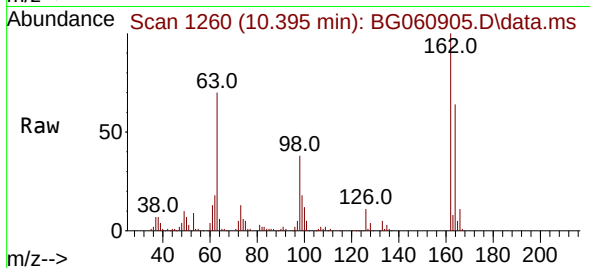
#29
2,4-Dichlorophenol
Concen: 51.387 ng
RT: 10.395 min Scan# 1260
Delta R.T. -0.005 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Instrument :

BNA_G

ClientSampleId :

NB-08-041224MSD

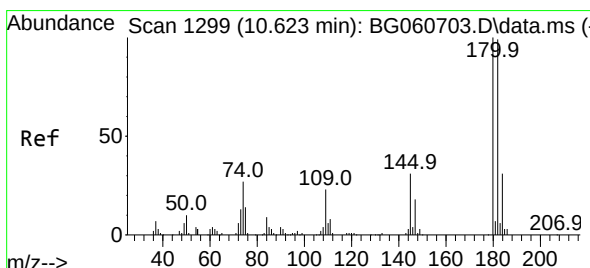
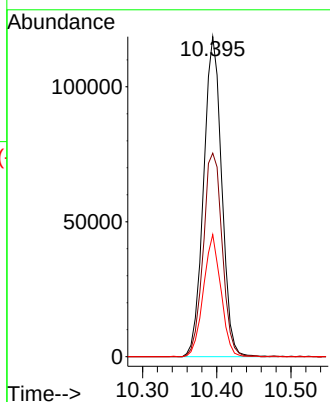
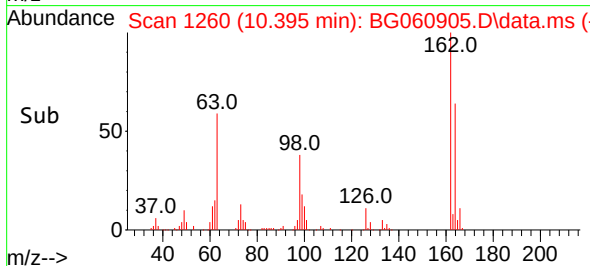


Tgt Ion:162 Resp: 201349
Ion Ratio Lower Upper
162 100
164 63.6 45.2 85.2
98 38.2 17.7 57.7

Manual Integrations

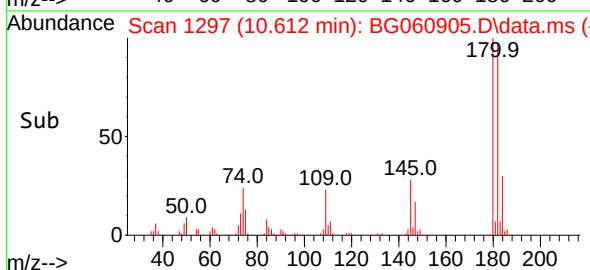
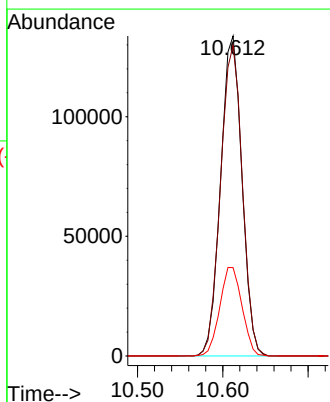
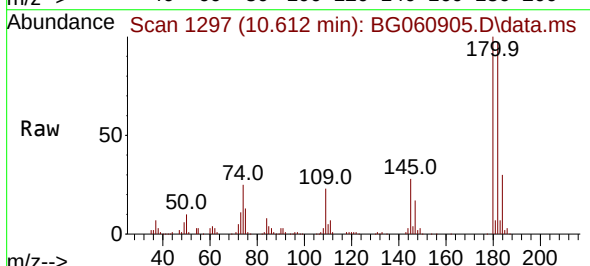
APPROVED

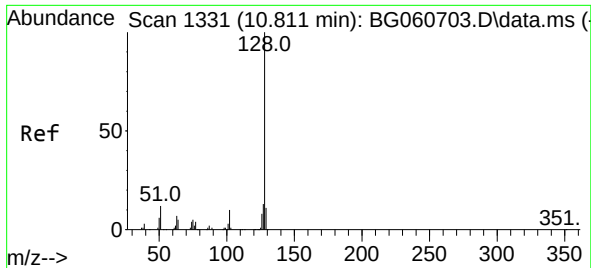
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#30
1,2,4-Trichlorobenzene
Concen: 52.410 ng
RT: 10.612 min Scan# 1297
Delta R.T. -0.011 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

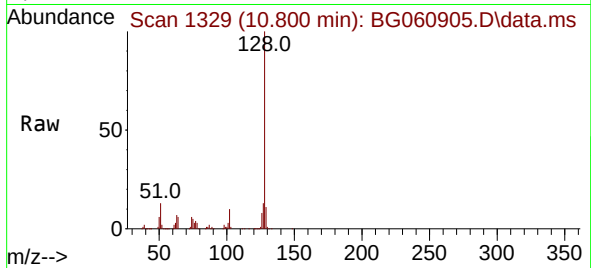
Tgt Ion:180 Resp: 232533
Ion Ratio Lower Upper
180 100
182 97.1 79.0 118.4
145 27.6 24.9 37.3





#31
Naphthalene
Concen: 44.548 ng
RT: 10.800 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

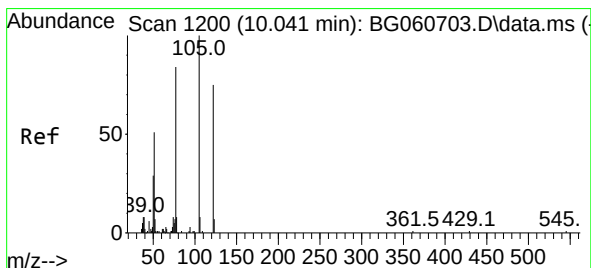
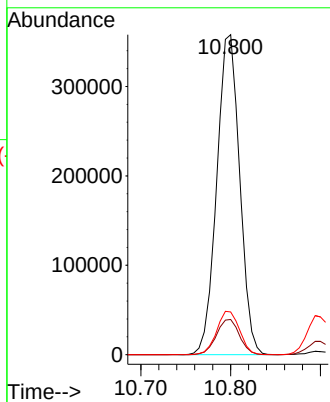
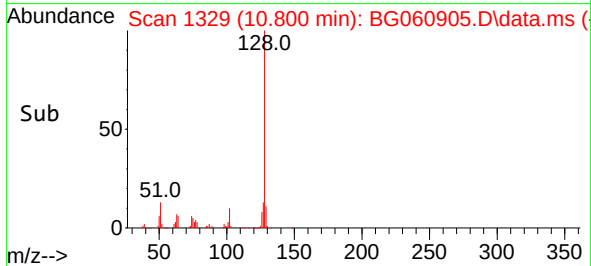
Instrument :
BNA_G
ClientSampleId :
NB-08-041224MSD



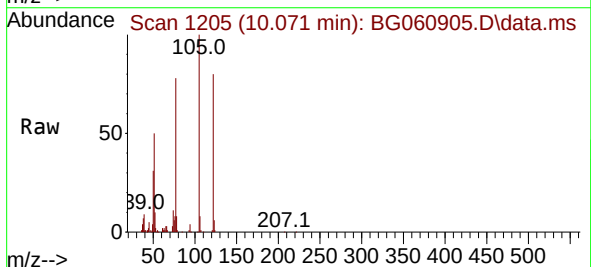
Tgt Ion:128 Resp: 634150
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.4 10.5 15.7

Manual Integrations
APPROVED

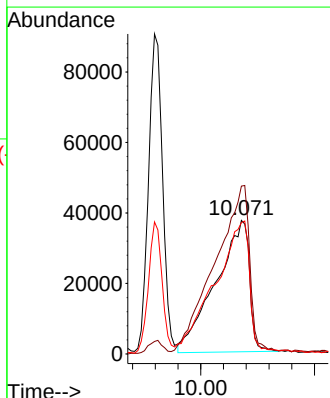
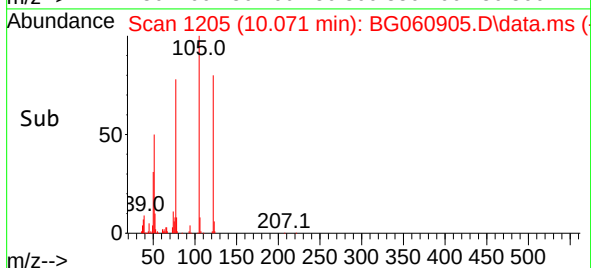
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024

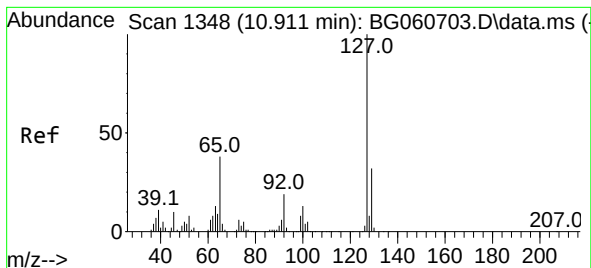


#32
Benzoic acid
Concen: 53.078 ng
RT: 10.071 min Scan# 1205
Delta R.T. 0.030 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49



Tgt Ion:122 Resp: 153078
Ion Ratio Lower Upper
122 100
105 125.7 104.5 144.5
77 98.3 85.3 125.3





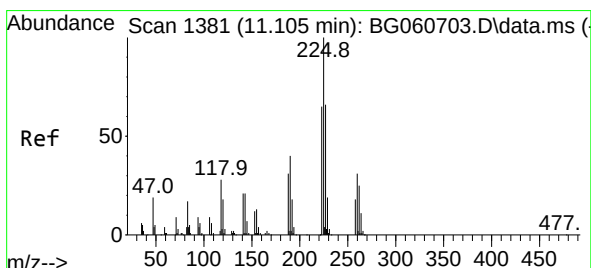
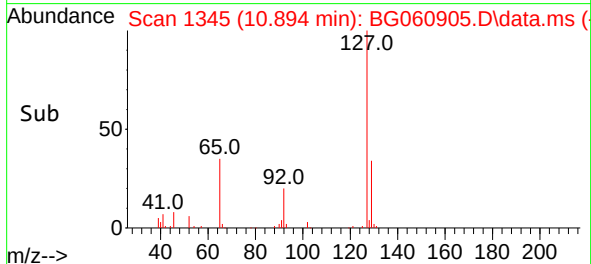
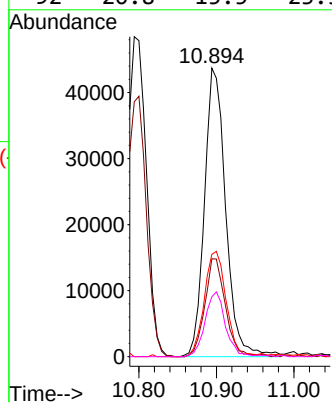
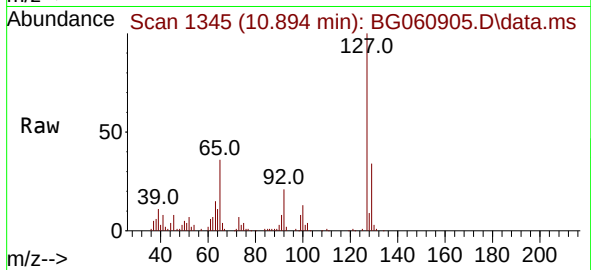
#33
4-Chloroaniline
Concen: 12.615 ng
RT: 10.894 min Scan# 11
Delta R.T. -0.017 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Instrument :
BNA_G
ClientSampleId :
NB-08-041224MSD

Tgt Ion:	127	Resp:	83409
Ion Ratio	Lower	Upper	
127	100		
129	33.9	25.3	37.9
65	35.5	30.2	45.2
92	20.8	15.5	23.3

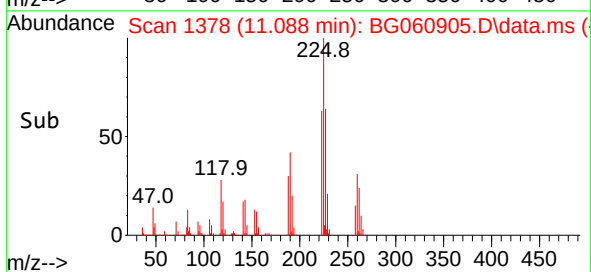
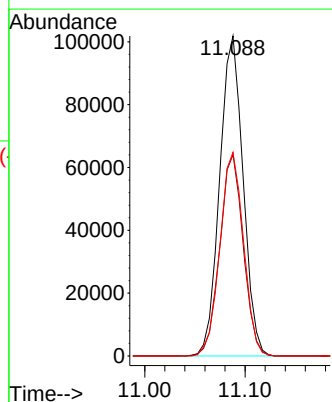
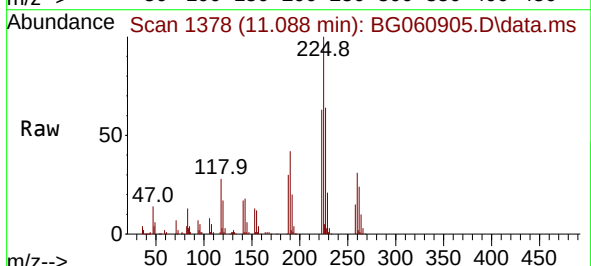
Manual Integrations
APPROVED

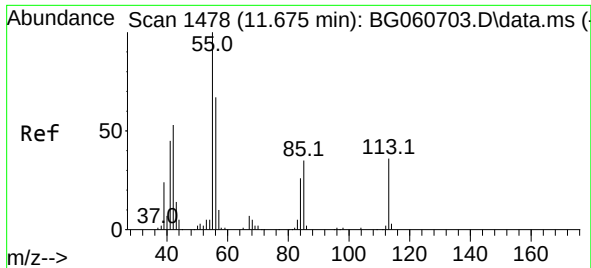
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#34
Hexachlorobutadiene
Concen: 55.737 ng
RT: 11.088 min Scan# 1378
Delta R.T. -0.017 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

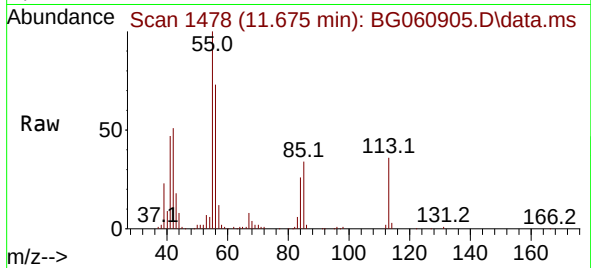
Tgt Ion:	225	Resp:	164814
Ion Ratio	Lower	Upper	
225	100		
223	62.9	52.0	78.0
227	63.6	52.5	78.7





#35
Caprolactam
Concen: 41.129 ng m
RT: 11.675 min Scan# 1478
Delta R.T. 0.001 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

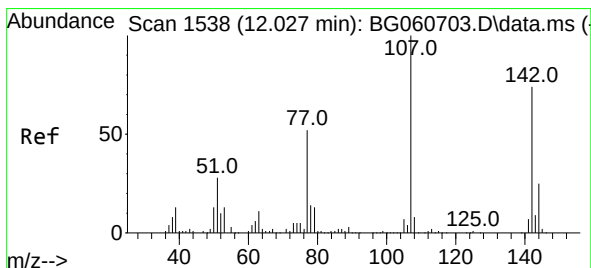
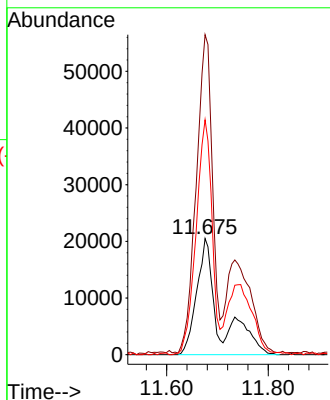
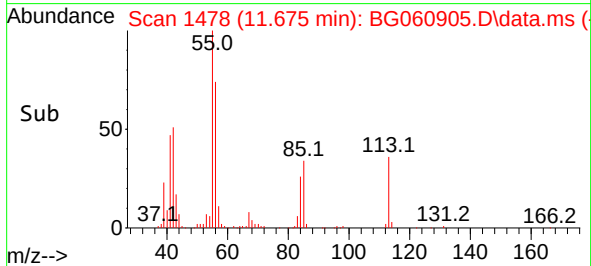
Instrument :
BNA_G
ClientSampleId :
NB-08-041224MSD



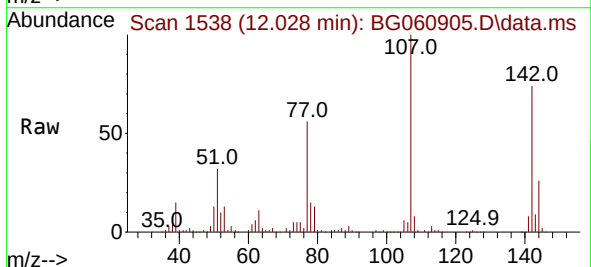
Tgt Ion:113 Resp: 6382
Ion Ratio Lower Upper
113 100
55 275.6 258.0 298.0
56 202.4 166.3 206.3

Manual Integrations
APPROVED

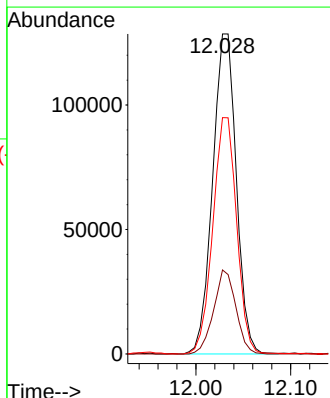
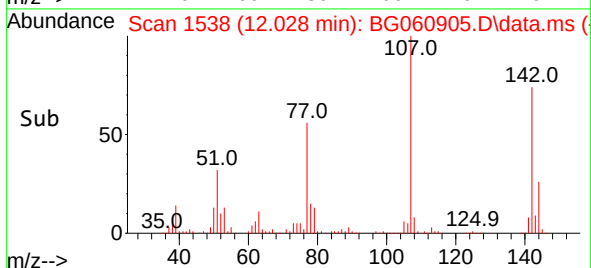
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024

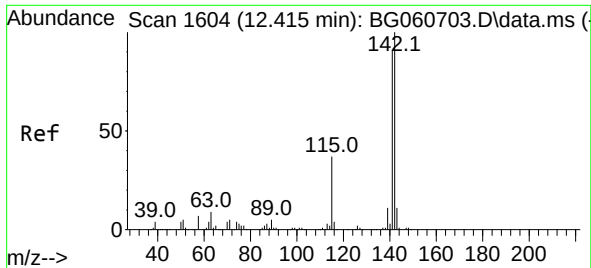


#36
4-Chloro-3-methylphenol
Concen: 44.600 ng
RT: 12.028 min Scan# 1538
Delta R.T. 0.001 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49



Tgt Ion:107 Resp: 223246
Ion Ratio Lower Upper
107 100
144 26.2 20.0 30.0
142 73.9 59.2 88.8





#37
2-Methylnaphthalene
Concen: 41.613 ng
RT: 12.404 min Scan# 1639
Delta R.T. -0.011 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Instrument :

BNA_G

ClientSampleId :

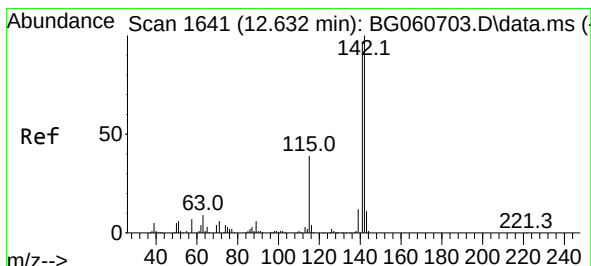
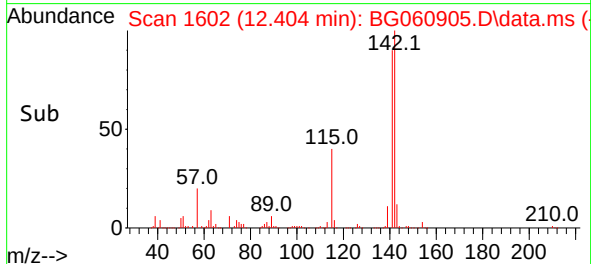
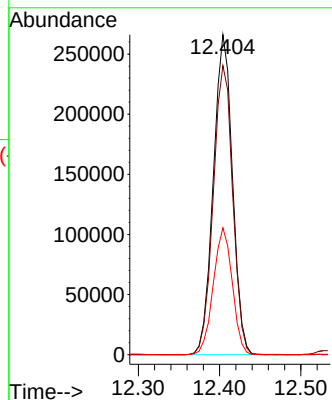
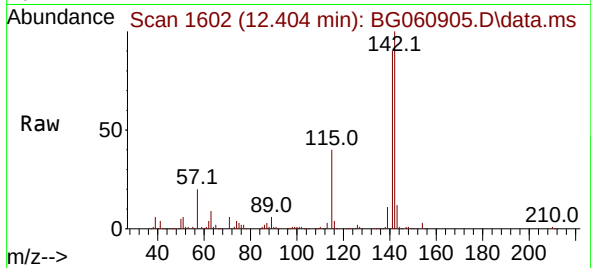
NB-08-041224MSD

Tgt Ion:142 Resp: 43550
Ion Ratio Lower Upper
142 100
141 90.4 72.7 109.1
115 39.6 29.9 44.9

Manual Integrations

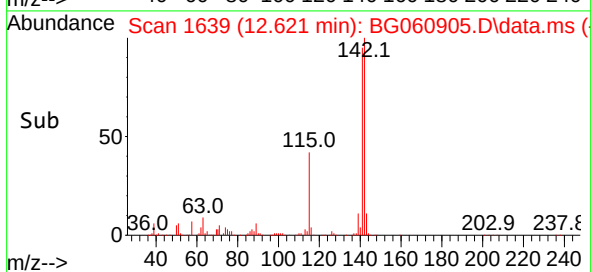
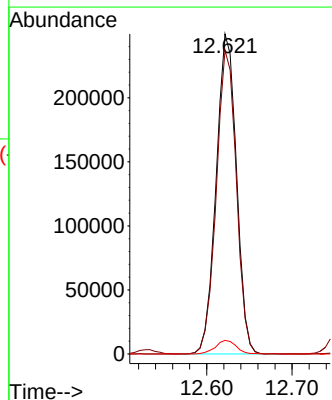
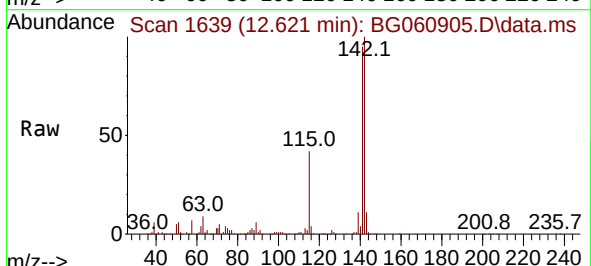
APPROVED

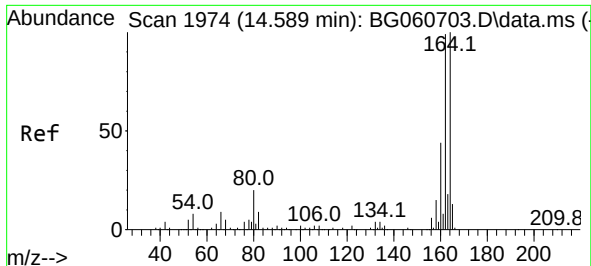
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#38
1-Methylnaphthalene
Concen: 41.750 ng
RT: 12.621 min Scan# 1639
Delta R.T. -0.011 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

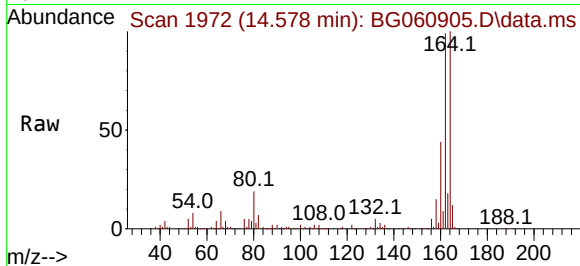
Tgt Ion:142 Resp: 412772
Ion Ratio Lower Upper
142 100
141 94.9 77.7 116.5
116 4.2 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.578 min Scan# 1974
Delta R.T. -0.011 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

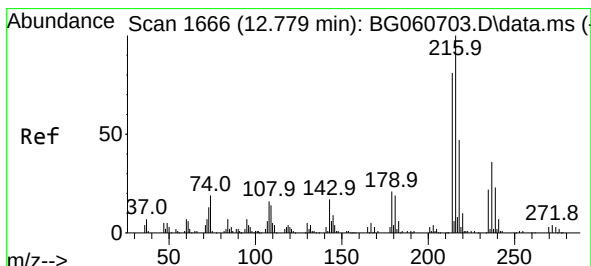
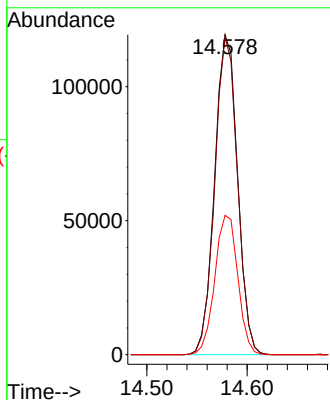
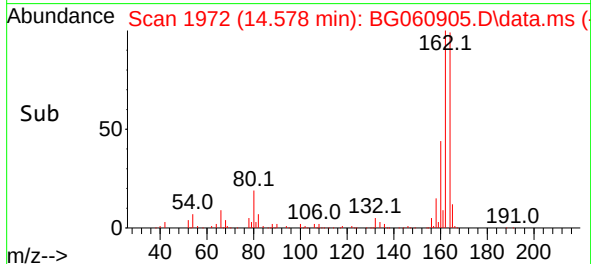
Instrument :
BNA_G
ClientSampleId :
NB-08-041224MSD



Tgt Ion:164 Resp: 18916
Ion Ratio Lower Upper
164 100
162 99.4 79.5 119.3
160 43.6 35.4 53.0

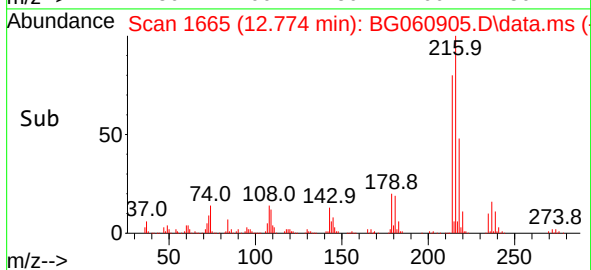
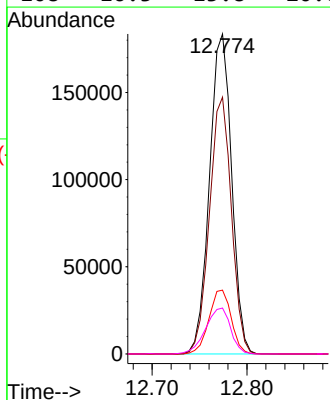
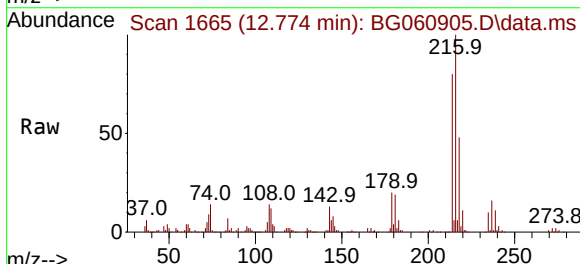
Manual Integrations
APPROVED

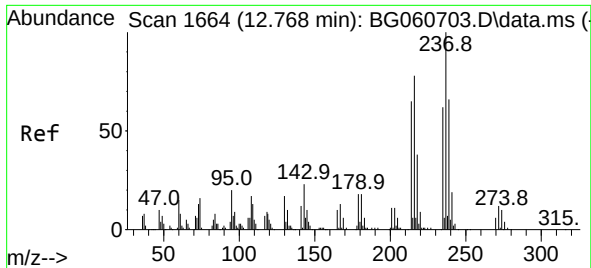
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.681 ng
RT: 12.774 min Scan# 1665
Delta R.T. -0.005 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

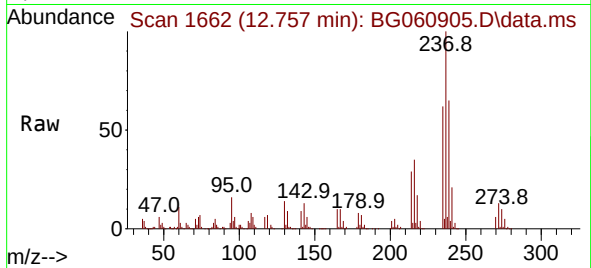
Tgt Ion:216 Resp: 297371
Ion Ratio Lower Upper
216 100
214 79.7 63.1 94.7
179 20.1 16.7 25.1
108 16.3 13.8 20.6





#41
Hexachlorocyclopentadiene
Concen: 98.304 ng
RT: 12.757 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

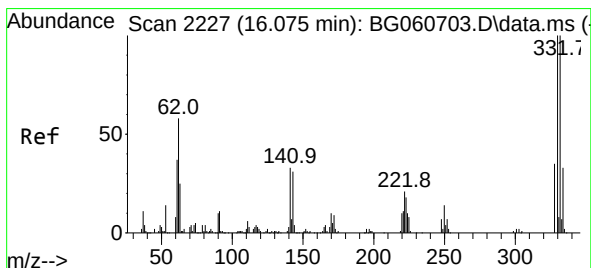
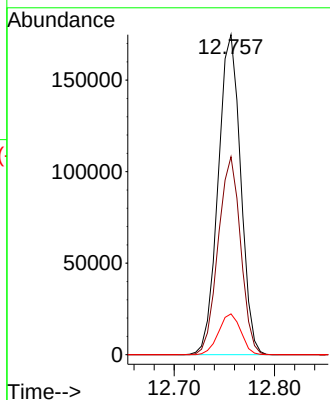
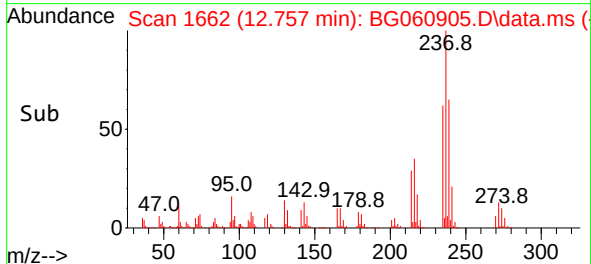
Instrument :
BNA_G
ClientSampleId :
NB-08-041224MSD



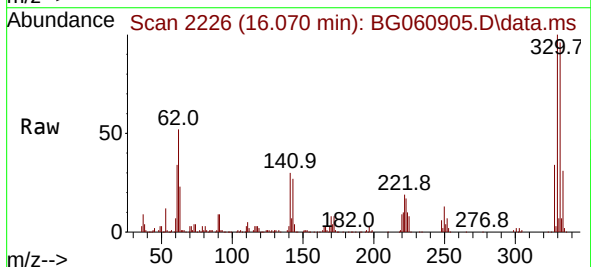
Tgt Ion:237 Resp: 271835
Ion Ratio Lower Upper
237 100
235 61.9 42.0 82.0
272 12.8 0.0 32.4

Manual Integrations
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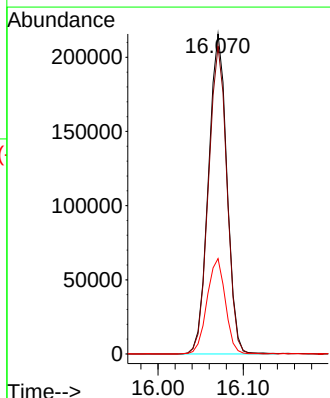
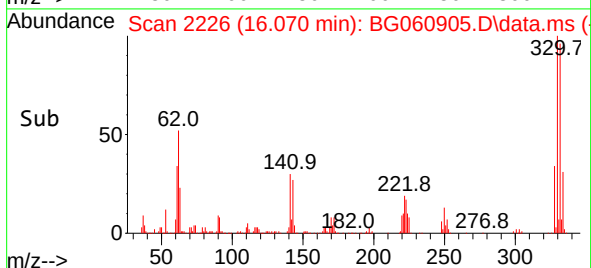
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024

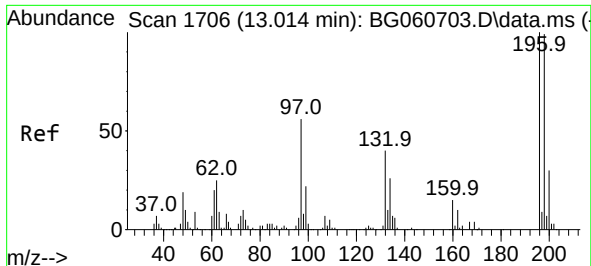


#42
2,4,6-Tribromophenol
Concen: 151.124 ng
RT: 16.070 min Scan# 2226
Delta R.T. -0.005 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49



Tgt Ion:330 Resp: 324512
Ion Ratio Lower Upper
330 100
332 95.9 78.2 117.4
141 29.6 27.0 40.6





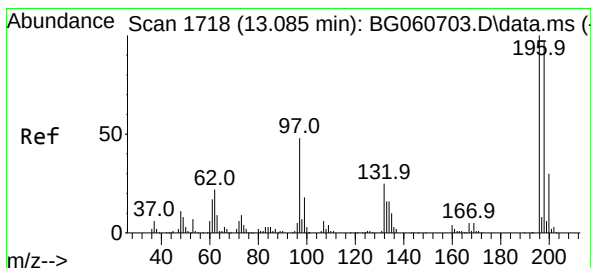
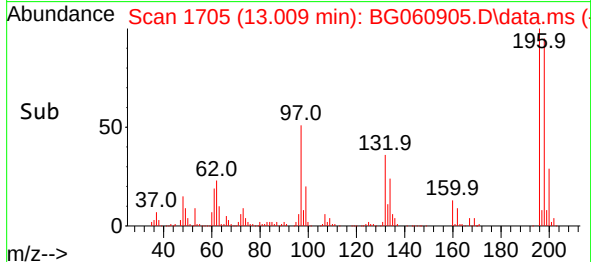
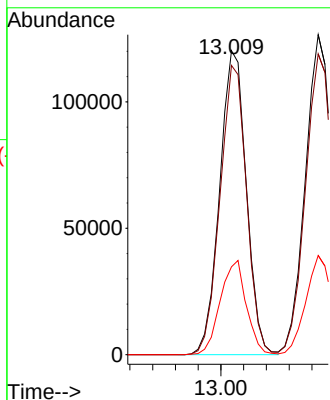
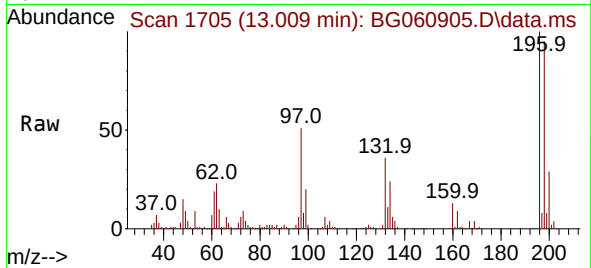
#43
2,4,6-Trichlorophenol
Concen: 55.878 ng
RT: 13.009 min Scan# 1705
Delta R.T. -0.005 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Instrument :
BNA_G
ClientSampleId :
NB-08-041224MSD

Tgt Ion:196 Resp: 19567
Ion Ratio Lower Upper
196 100
198 95.2 79.1 118.7
200 28.9 24.0 36.0

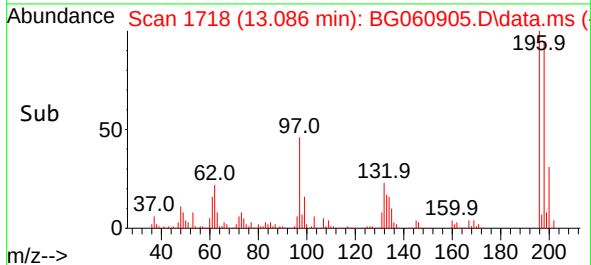
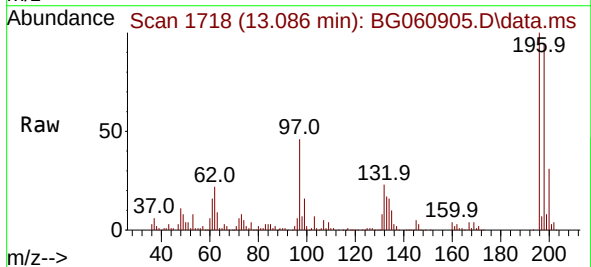
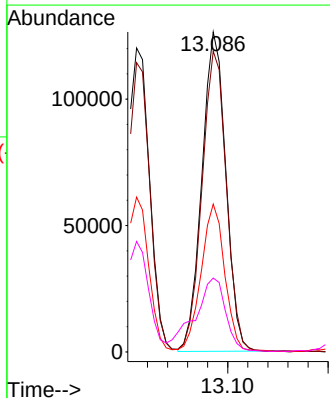
Manual Integrations
APPROVED

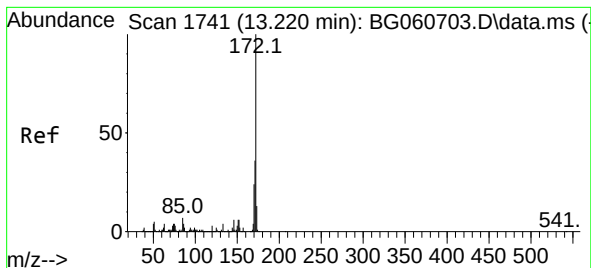
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#44
2,4,5-Trichlorophenol
Concen: 50.149 ng
RT: 13.086 min Scan# 1718
Delta R.T. 0.001 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

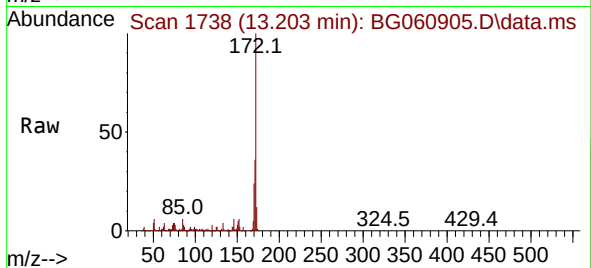
Tgt Ion:196 Resp: 209570
Ion Ratio Lower Upper
196 100
198 94.0 77.8 116.8
97 46.2 38.2 57.4
132 23.1 20.3 30.5





#45
2-Fluorobiphenyl
Concen: 66.592 ng
RT: 13.203 min Scan# 1738
Delta R.T. -0.017 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

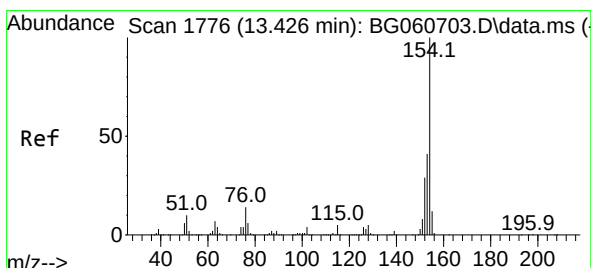
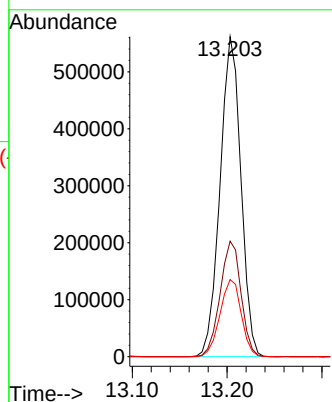
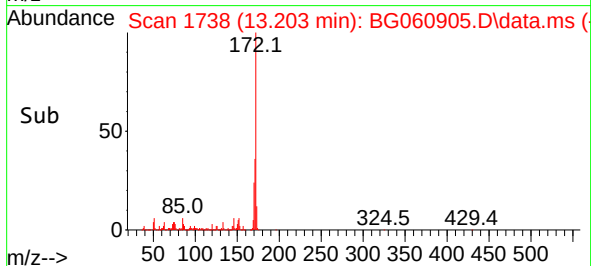
Instrument :
BNA_G
ClientSampleId :
NB-08-041224MSD



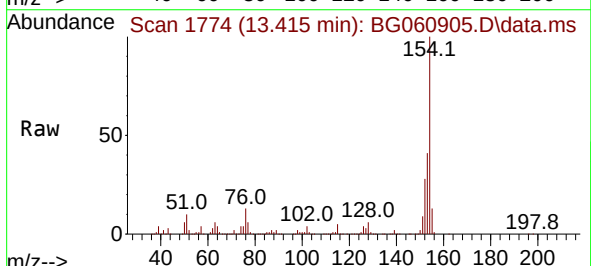
Tgt Ion:172 Resp: 858310
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 24.1 19.4 29.0

Manual Integrations
APPROVED

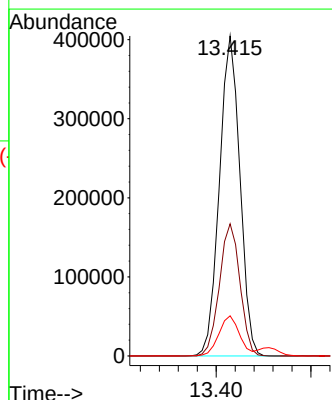
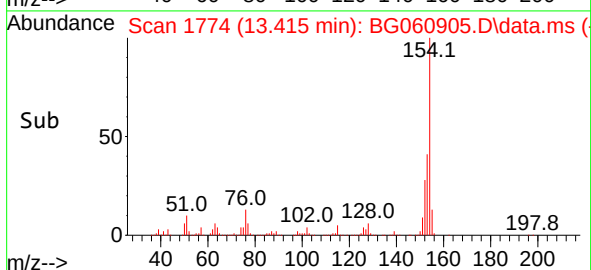
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024

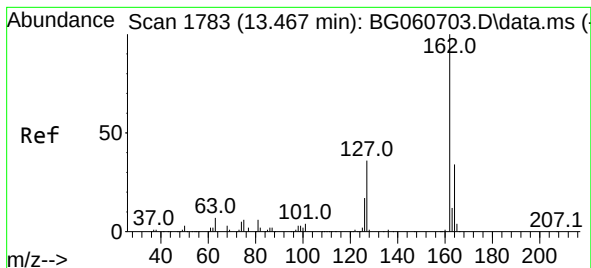


#46
1,1'-Biphenyl
Concen: 45.464 ng
RT: 13.415 min Scan# 1774
Delta R.T. -0.011 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49



Tgt Ion:154 Resp: 607462
Ion Ratio Lower Upper
154 100
153 41.3 20.8 60.8
76 12.5 0.0 33.9





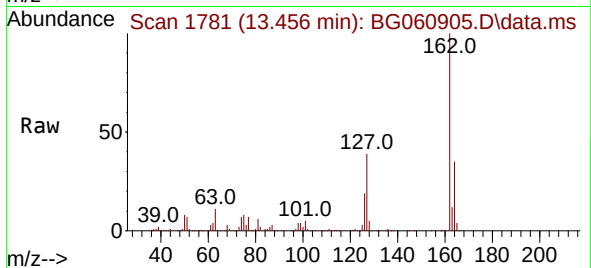
#47
2-Chloronaphthalene
Concen: 47.927 ng
RT: 13.456 min Scan# 1783
Delta R.T. -0.011 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Instrument :

BNA_G

ClientSampleId :

NB-08-041224MSD



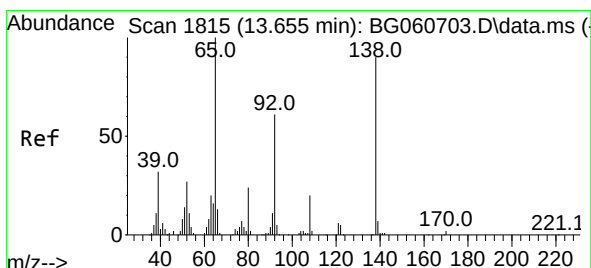
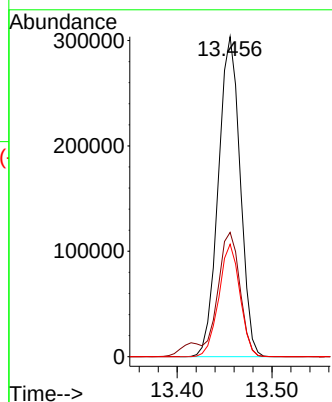
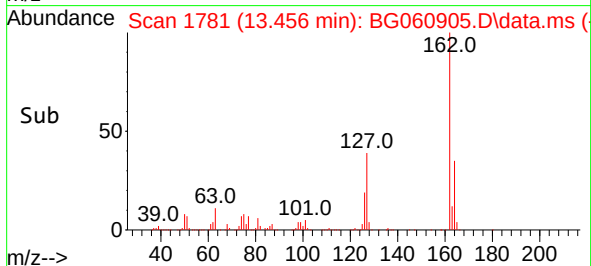
Tgt Ion:162 Resp: 486540
Ion Ratio Lower Upper
162 100
127 38.8 30.6 46.0
164 35.1 26.9 40.3

Manual Integrations

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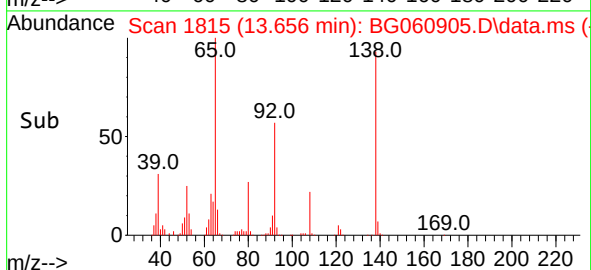
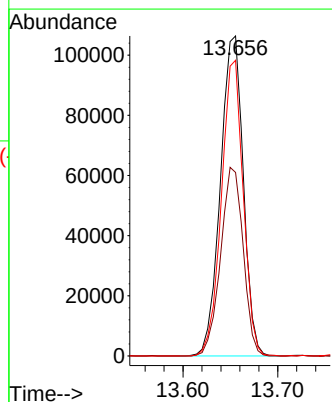
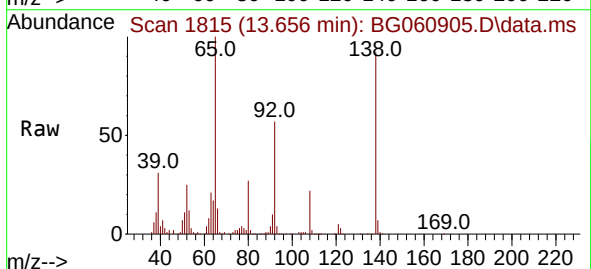
Reviewed By :Yogesh Patel 04/17/2024

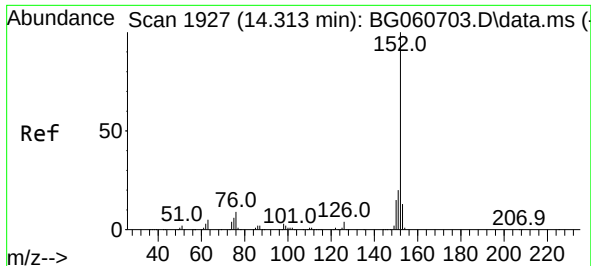
Supervised By :mohammad ahmed 04/18/2024



#48
2-Nitroaniline
Concen: 53.258 ng
RT: 13.656 min Scan# 1815
Delta R.T. 0.001 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

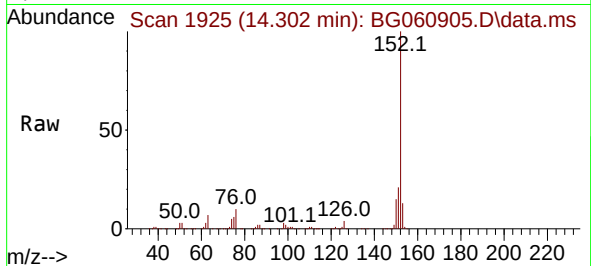
Tgt Ion: 65 Resp: 178600
Ion Ratio Lower Upper
65 100
92 57.4 48.6 72.8
138 92.4 72.2 108.4





#49
Acenaphthylene
Concen: 46.490 ng
RT: 14.302 min Scan# 1927
Delta R.T. -0.011 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

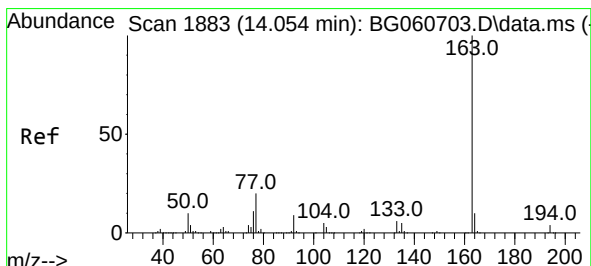
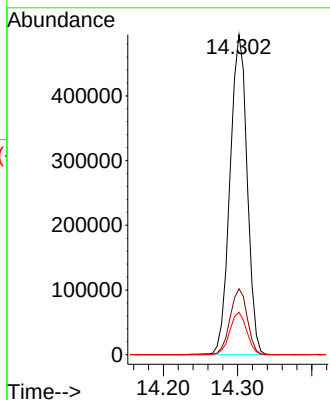
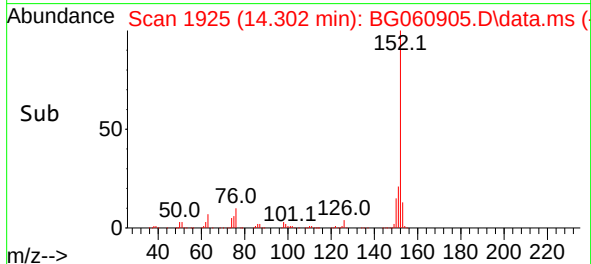
Instrument :
BNA_G
ClientSampleId :
NB-08-041224MSD



Tgt Ion:152 Resp: 792994
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.3 10.5 15.7

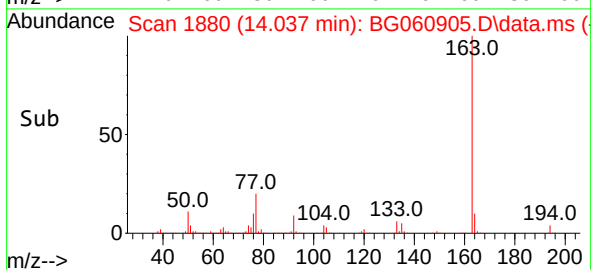
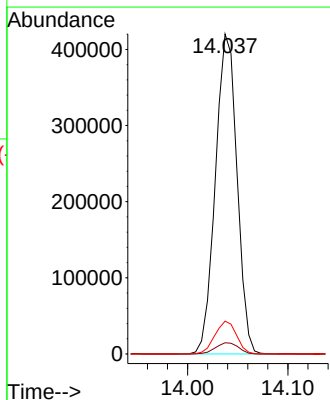
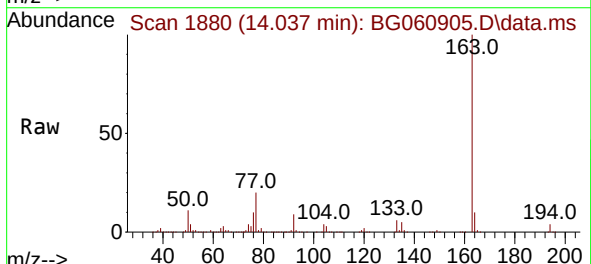
Manual Integrations
APPROVED

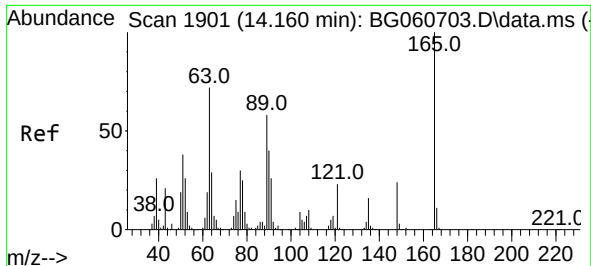
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#50
Dimethylphthalate
Concen: 41.977 ng
RT: 14.037 min Scan# 1880
Delta R.T. -0.017 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Tgt Ion:163 Resp: 627632
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 10.3 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 49.777 ng
RT: 14.155 min Scan# 1901
Delta R.T. -0.005 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Instrument :

BNA_G

ClientSampleId :

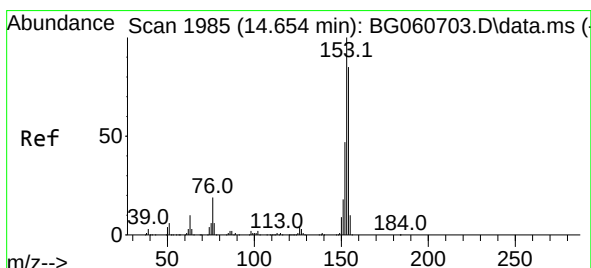
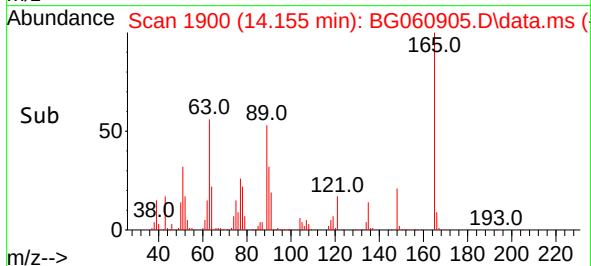
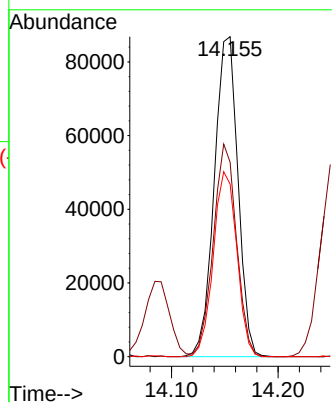
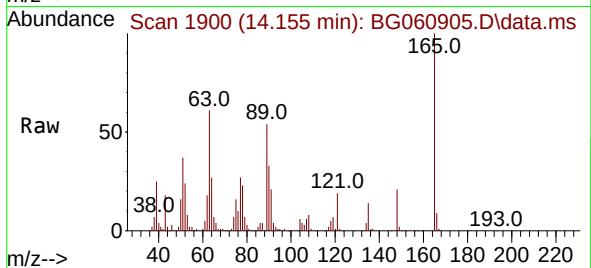
NB-08-041224MSD

Tgt Ion:165 Resp: 133629
Ion Ratio Lower Upper
165 100
63 60.7 58.2 87.4
89 53.9 46.1 69.1

Manual Integrations

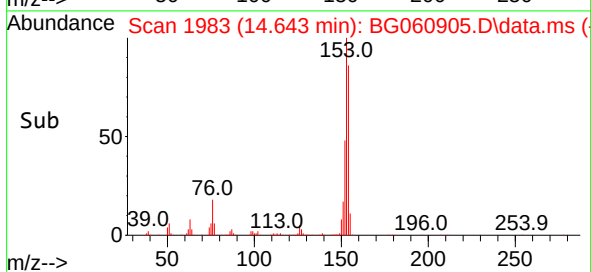
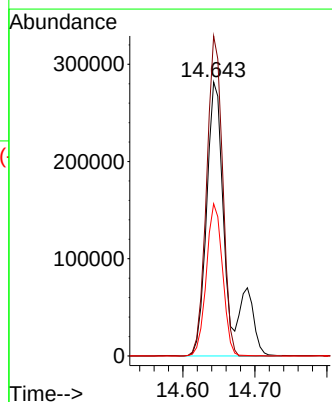
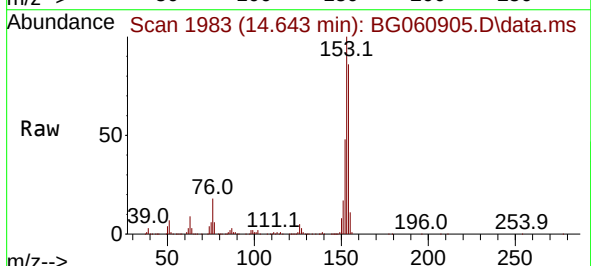
APPROVED

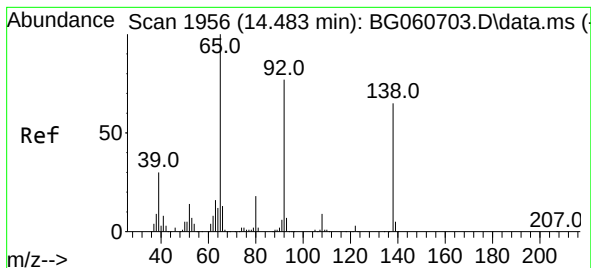
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#52
Acenaphthene
Concen: 50.568 ng m
RT: 14.643 min Scan# 1983
Delta R.T. -0.011 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Tgt Ion:154 Resp: 541561
Ion Ratio Lower Upper
154 100
153 116.8 93.9 140.9
152 55.6 44.1 66.1





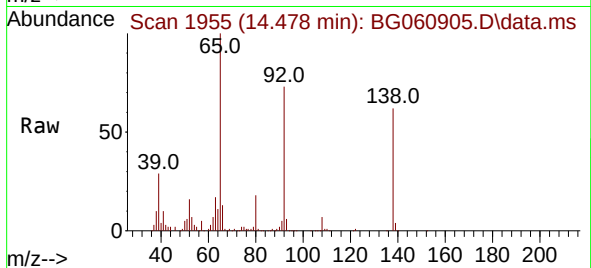
#53
3-Nitroaniline
Concen: 32.665 ng
RT: 14.478 min Scan# 1956
Delta R.T. -0.005 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Instrument :

BNA_G

ClientSampleId :

NB-08-041224MSD

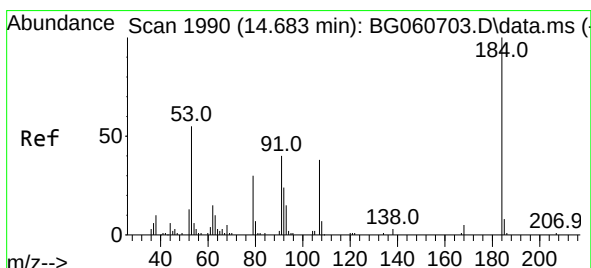
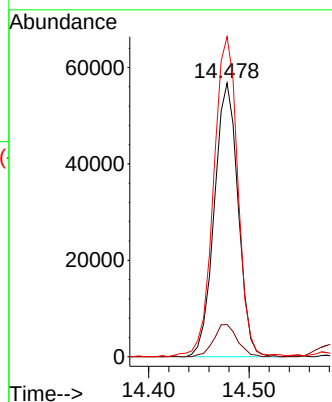
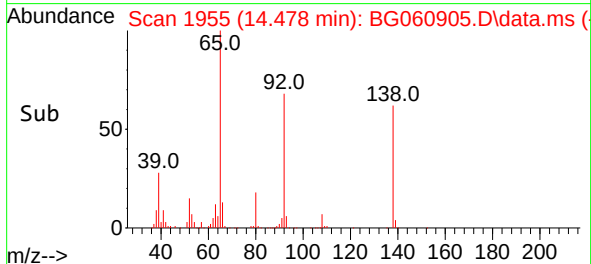


Tgt Ion:138 Resp: 9308
Ion Ratio Lower Upper
138 100
108 11.8 11.3 16.9
92 117.0 94.1 141.1

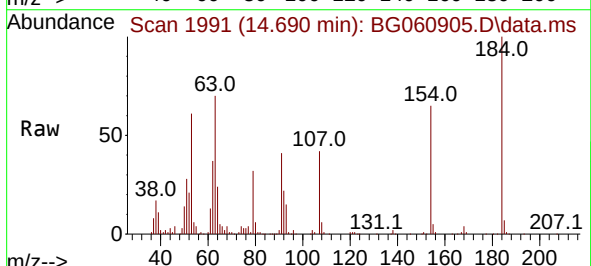
Manual Integrations

APPROVED

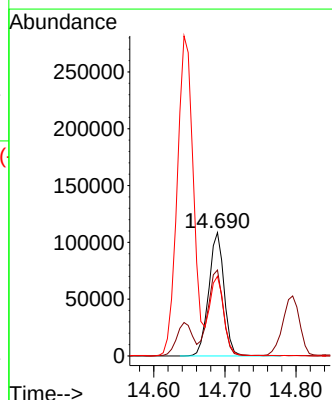
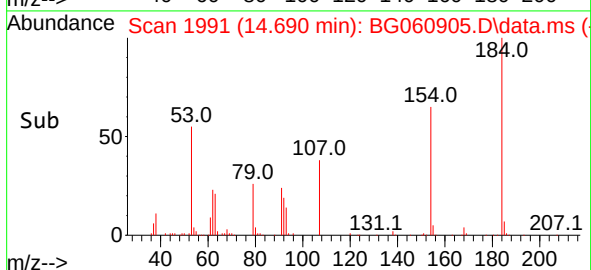
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024

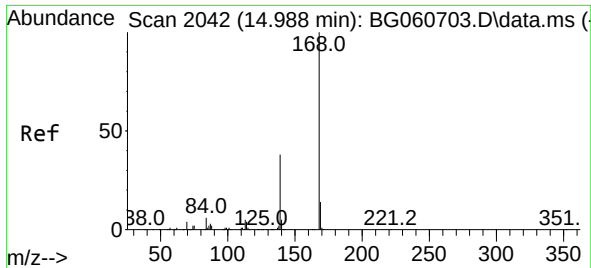


#54
2,4-Dinitrophenol
Concen: 157.288 ng
RT: 14.690 min Scan# 1991
Delta R.T. 0.007 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49



Tgt Ion:184 Resp: 163695
Ion Ratio Lower Upper
184 100
63 69.6 51.3 76.9
154 64.6 59.9 89.9





#55
Dibenzenofuran
Concen: 44.115 ng
RT: 14.983 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Instrument :

BNA_G

ClientSampleId :

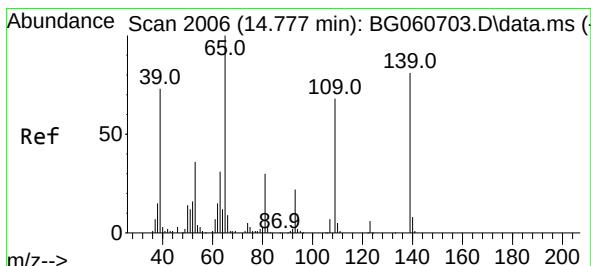
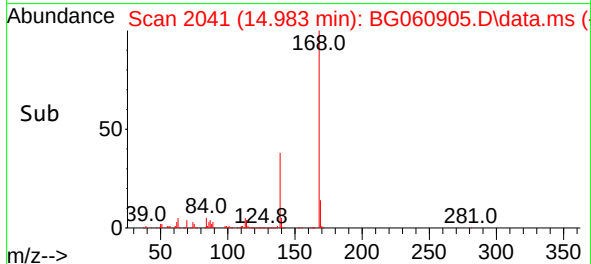
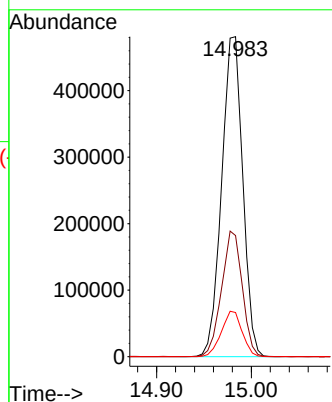
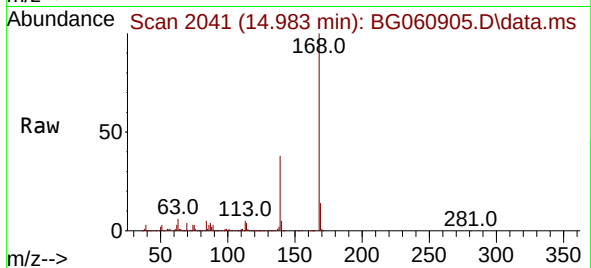
NB-08-041224MSD

Tgt Ion:168 Resp: 745210
Ion Ratio Lower Upper
168 100
139 37.8 30.1 45.1
169 13.8 11.0 16.4

Manual Integrations

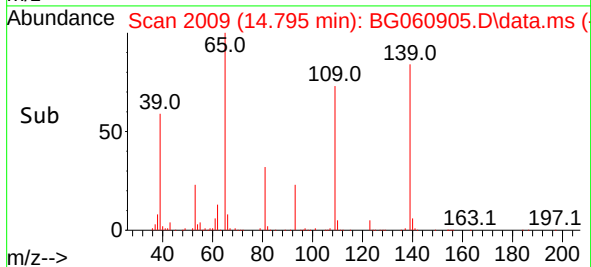
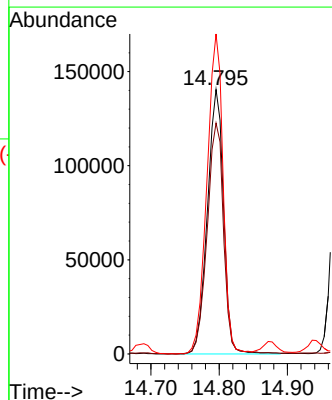
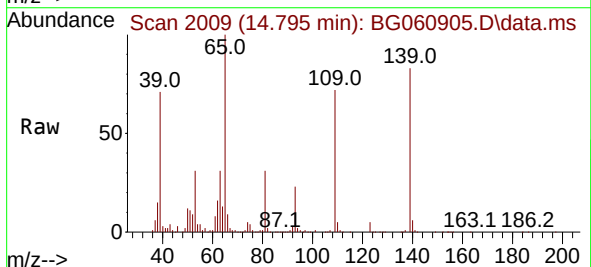
APPROVED

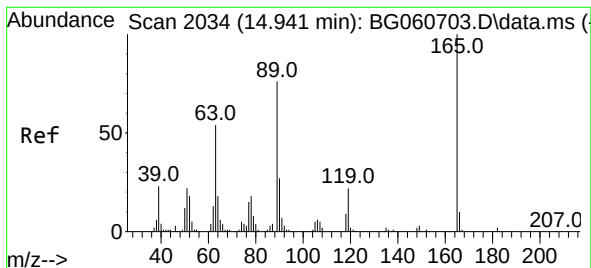
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#56
4-Nitrophenol
Concen: 106.166 ng
RT: 14.795 min Scan# 2009
Delta R.T. 0.018 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Tgt Ion:139 Resp: 232055
Ion Ratio Lower Upper
139 100
109 87.3 64.0 104.0
65 121.0 104.3 144.3





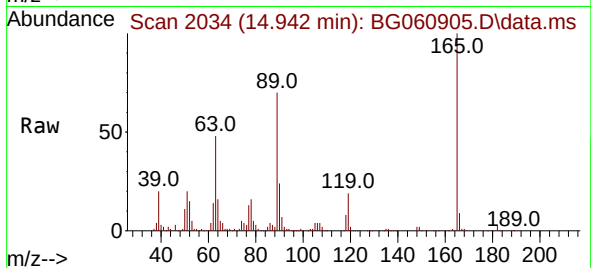
#57
2,4-Dinitrotoluene
Concen: 54.913 ng
RT: 14.942 min Scan# 2034
Delta R.T. 0.001 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Instrument :

BNA_G

ClientSampleId :

NB-08-041224MSD



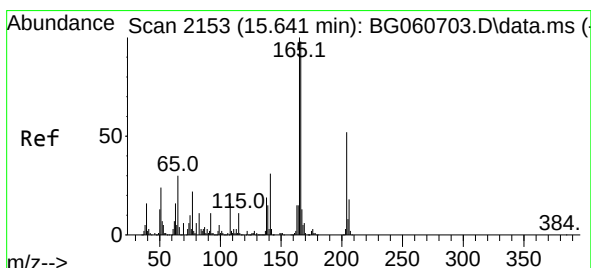
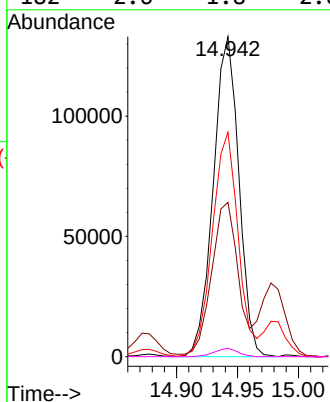
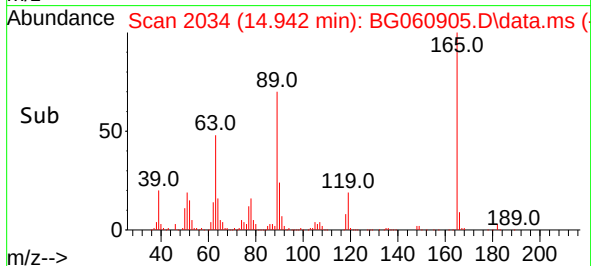
Tgt Ion:165 Resp: 194309
Ion Ratio Lower Upper
165 100
63 48.3 43.4 65.0
89 70.1 61.0 91.6
182 2.6 1.8 2.6

Manual Integrations

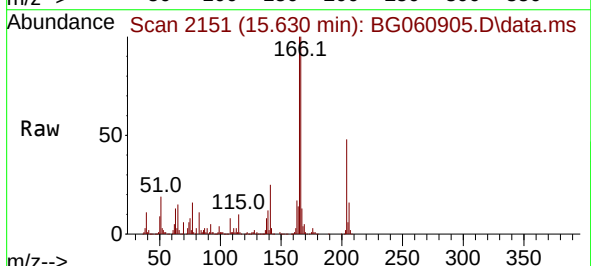
APPROVED

Reviewed By :Yogesh Patel 04/17/2024

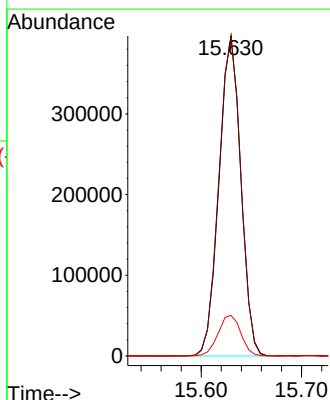
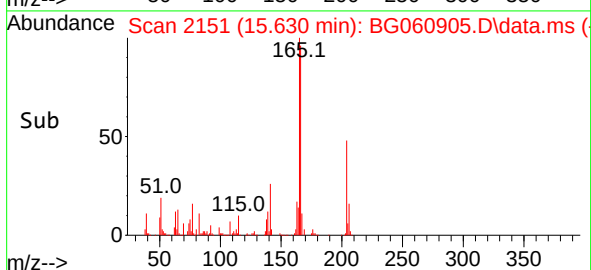
Supervised By :mohammad ahmed 04/18/2024

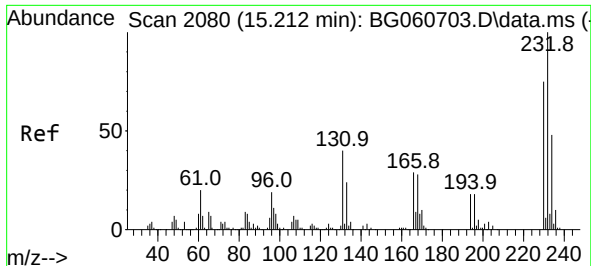


#58
Fluorene
Concen: 43.847 ng
RT: 15.630 min Scan# 2151
Delta R.T. -0.011 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49



Tgt Ion:166 Resp: 594460
Ion Ratio Lower Upper
166 100
165 99.9 81.8 122.8
167 12.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.867 ng
RT: 15.207 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Instrument :

BNA_G

ClientSampleId :

NB-08-041224MSD

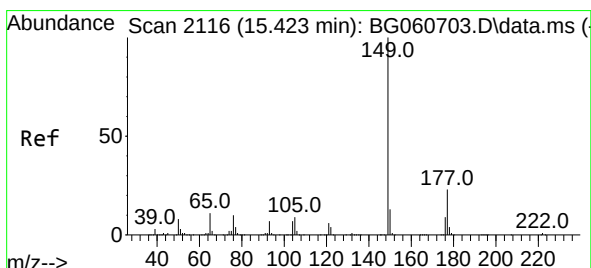
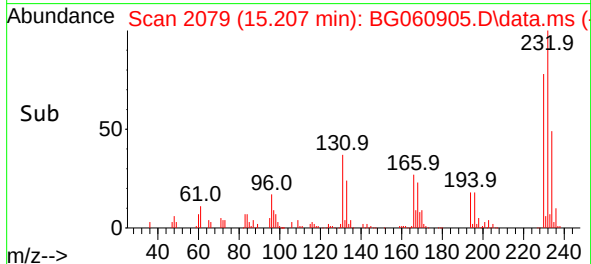
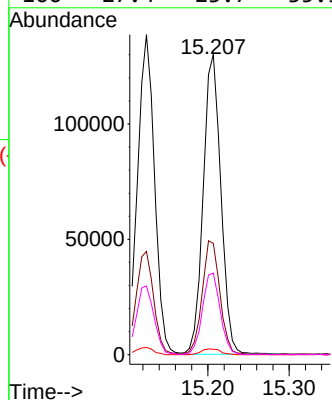
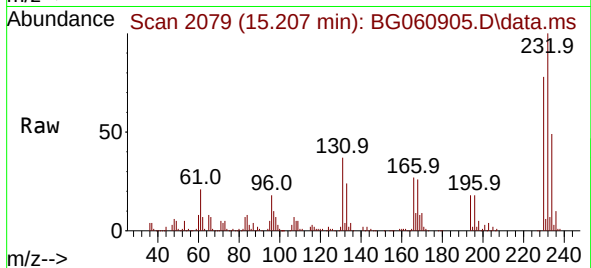
Tgt Ion:232 Resp: 19617
Ion Ratio Lower Upper
232 100
131 38.6 32.2 48.2
130 2.1 2.1 3.1
166 27.4 23.7 35.5

Manual Integrations

APPROVED

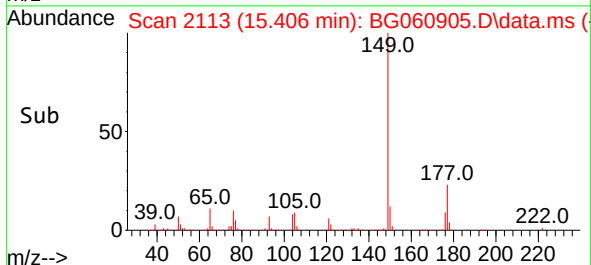
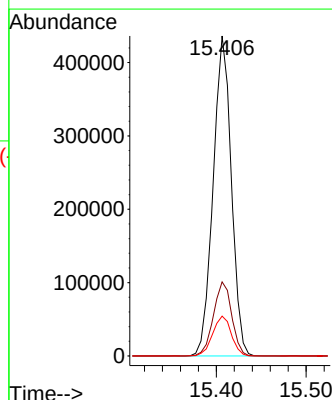
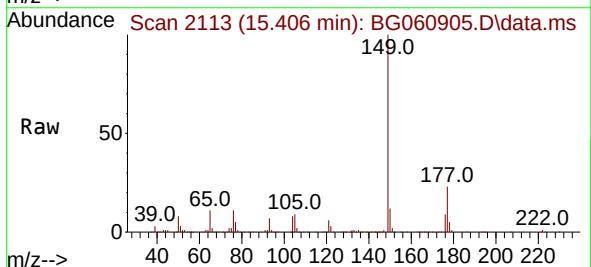
Reviewed By :Yogesh Patel 04/17/2024

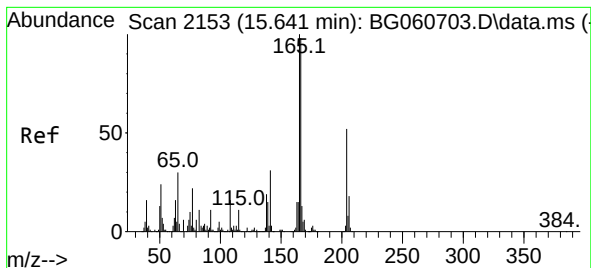
Supervised By :mohammad ahmed 04/18/2024



#60
Diethylphthalate
Concen: 40.739 ng
RT: 15.406 min Scan# 2113
Delta R.T. -0.017 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

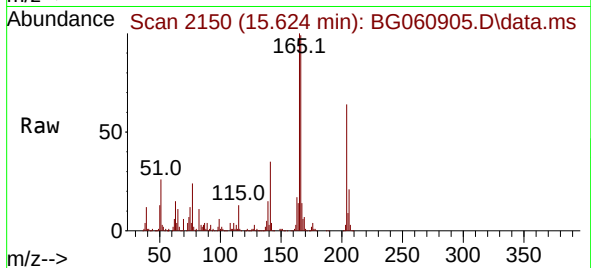
Tgt Ion:149 Resp: 612819
Ion Ratio Lower Upper
149 100
177 23.1 18.0 27.0
150 12.5 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 45.027 ng
RT: 15.624 min Scan# 2150
Delta R.T. -0.017 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

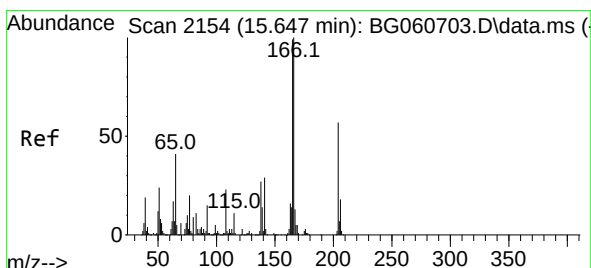
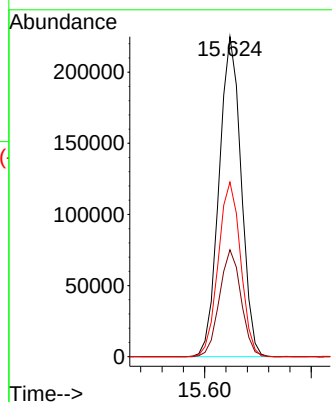
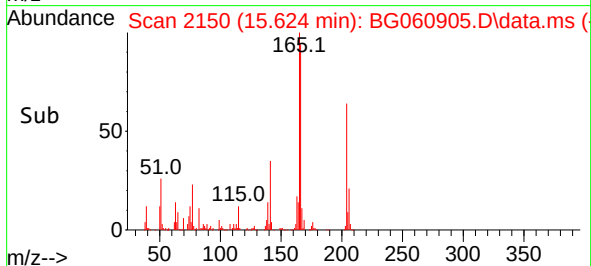
Instrument :
BNA_G
ClientSampleId :
NB-08-041224MSD



Tgt Ion:204 Resp: 322964
Ion Ratio Lower Upper
204 100
206 33.4 28.3 42.5
141 54.6 47.2 70.8

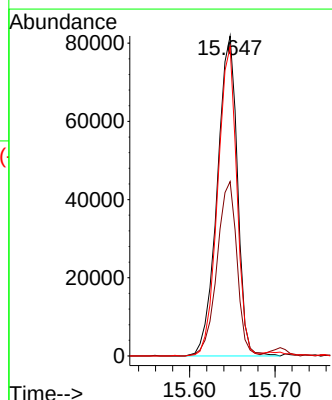
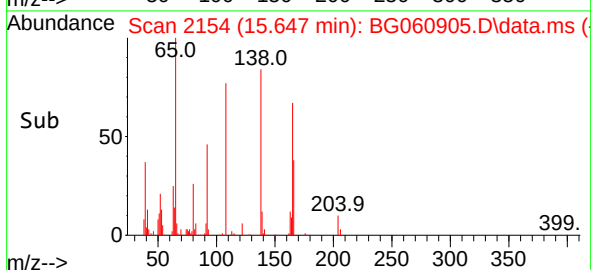
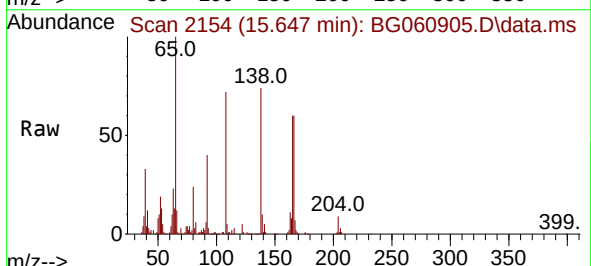
Manual Integrations
APPROVED

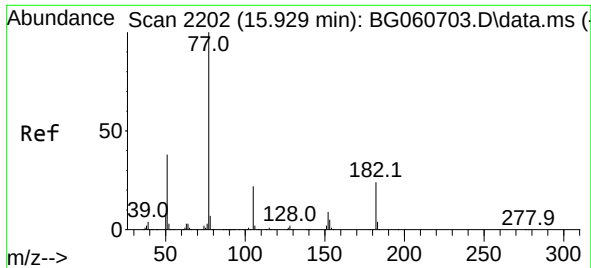
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#62
4-Nitroaniline
Concen: 49.166 ng
RT: 15.647 min Scan# 2154
Delta R.T. 0.001 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Tgt Ion:138 Resp: 134402
Ion Ratio Lower Upper
138 100
92 54.5 36.8 76.8
108 96.6 66.9 106.9





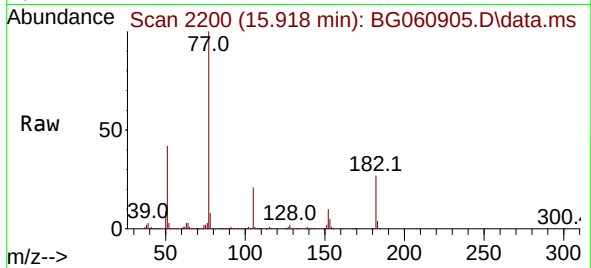
#63
Azobenzene
Concen: 40.793 ng
RT: 15.918 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Instrument :

BNA_G

ClientSampleId :

NB-08-041224MSD



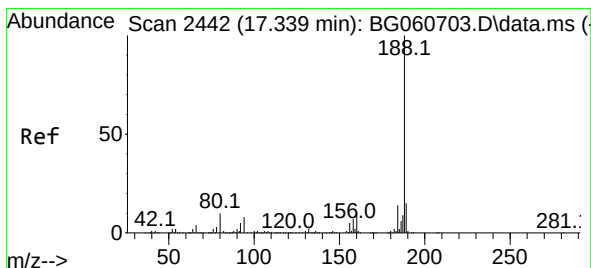
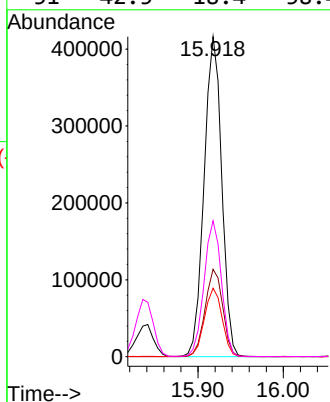
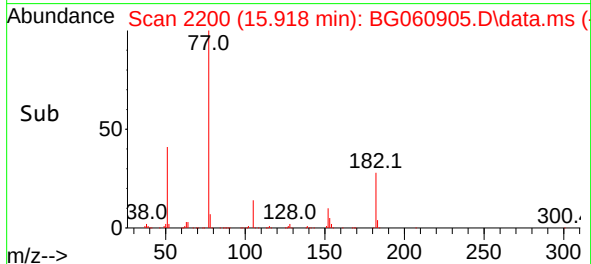
Tgt Ion: 77 Resp: 59795
Ion Ratio Lower Upper
77 100
182 27.3 3.9 43.9
105 21.4 1.7 41.7
51 42.5 18.4 58.4

Manual Integrations

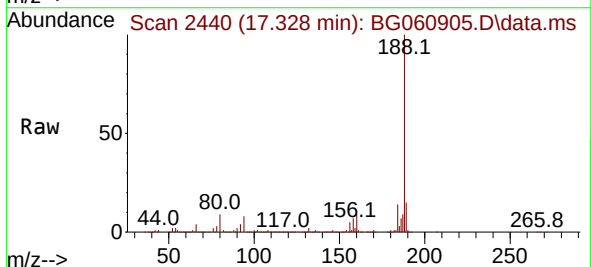
APPROVED

Reviewed By :Yogesh Patel 04/17/2024

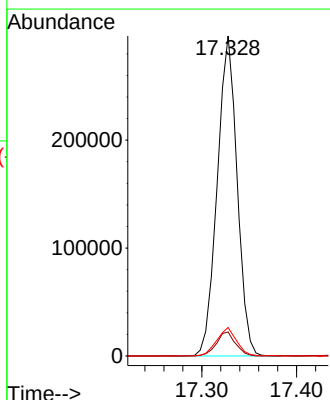
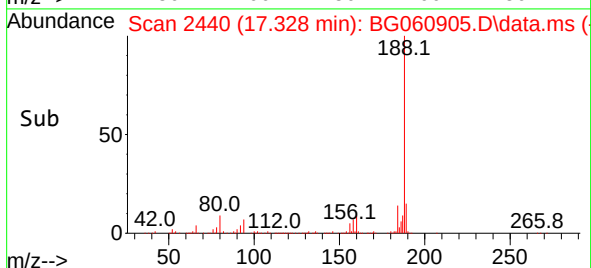
Supervised By :mohammad ahmed 04/18/2024

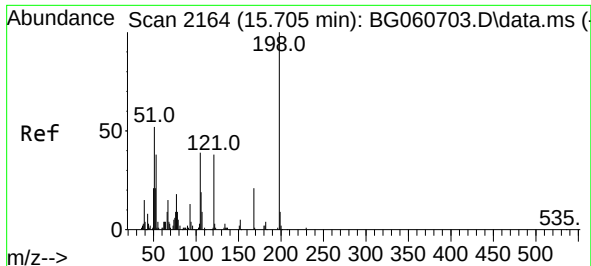


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.328 min Scan# 2440
Delta R.T. -0.011 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49



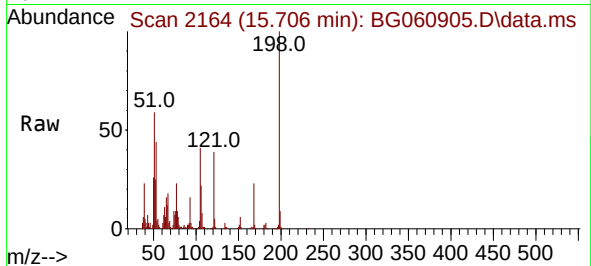
Tgt Ion:188 Resp: 432907
Ion Ratio Lower Upper
188 100
94 7.5 6.6 9.8
80 8.9 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 62.939 ng
RT: 15.706 min Scan# 2164
Delta R.T. 0.001 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

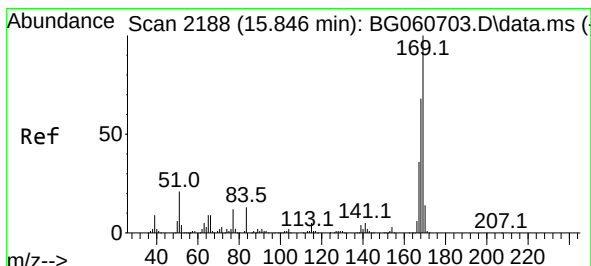
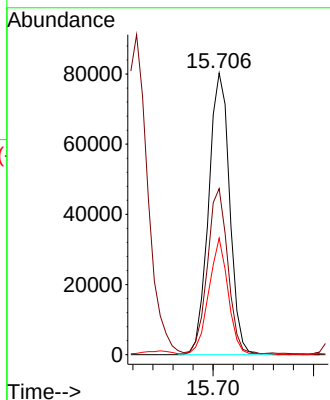
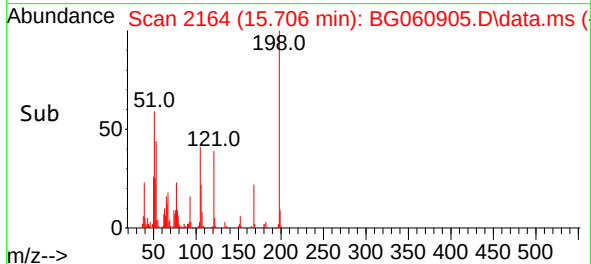
Instrument :
BNA_G
ClientSampleId :
NB-08-041224MSD



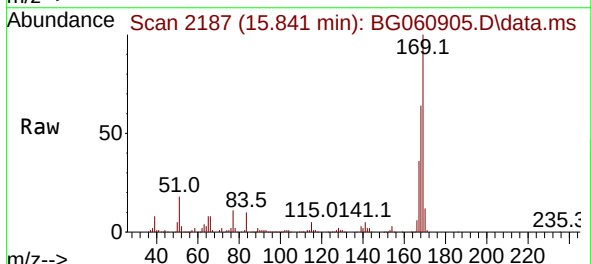
Tgt Ion:198 Resp: 11702
Ion Ratio Lower Upper
198 100
51 59.0 36.7 76.7
105 41.4 19.1 59.1

Manual Integrations
APPROVED

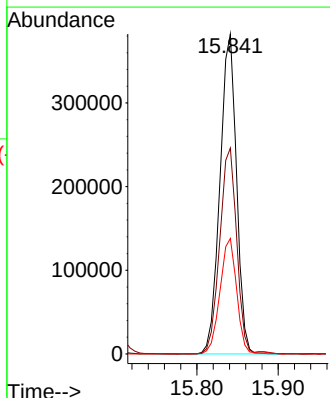
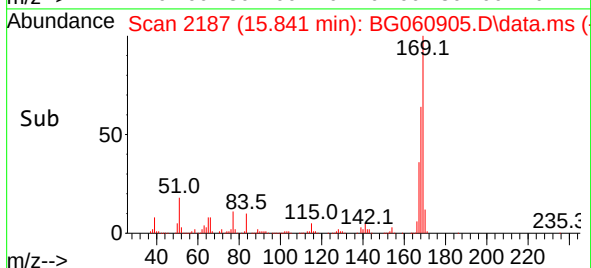
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024

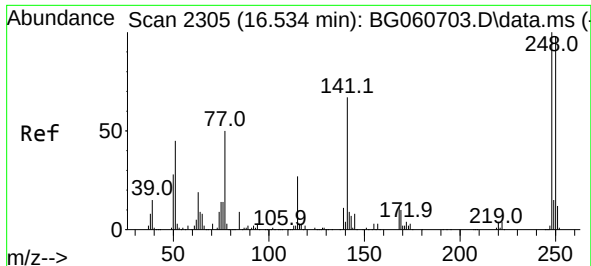


#66
n-Nitrosodiphenylamine
Concen: 43.827 ng
RT: 15.841 min Scan# 2187
Delta R.T. -0.005 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49



Tgt Ion:169 Resp: 542182
Ion Ratio Lower Upper
169 100
168 64.4 54.5 81.7
167 36.1 29.2 43.8





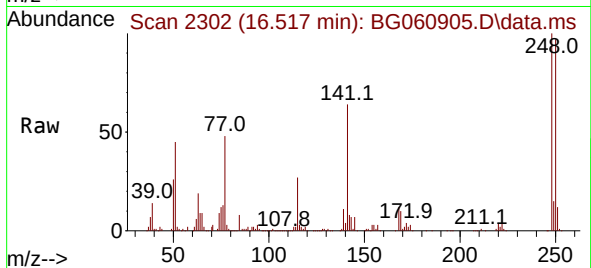
#67
4-Bromophenyl-phenylether
Concen: 51.728 ng
RT: 16.517 min Scan# 21
Delta R.T. -0.017 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Instrument :

BNA_G

ClientSampleId :

NB-08-041224MSD



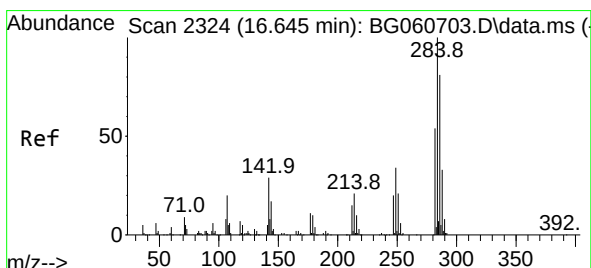
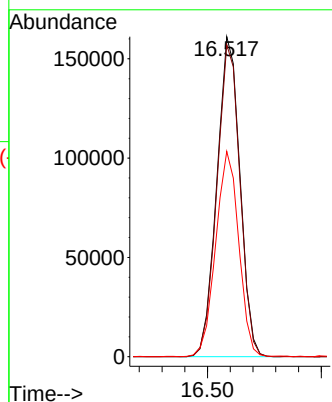
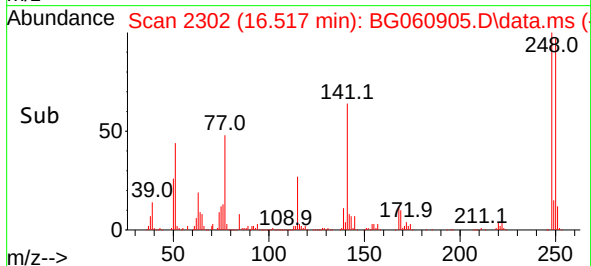
Tgt Ion:248 Resp: 22726
Ion Ratio Lower Upper
248 100
250 97.5 78.3 117.5
141 64.1 53.7 80.5

Manual Integrations

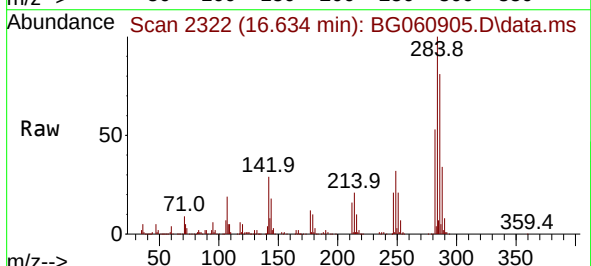
APPROVED

Reviewed By :Yogesh Patel 04/17/2024

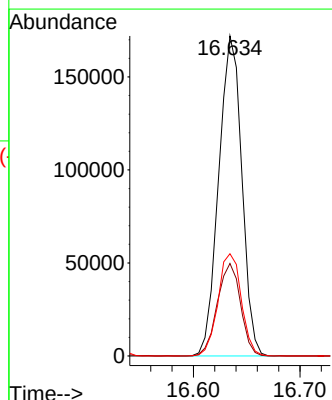
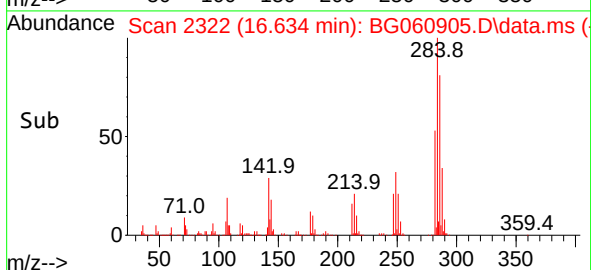
Supervised By :mohammad ahmed 04/18/2024

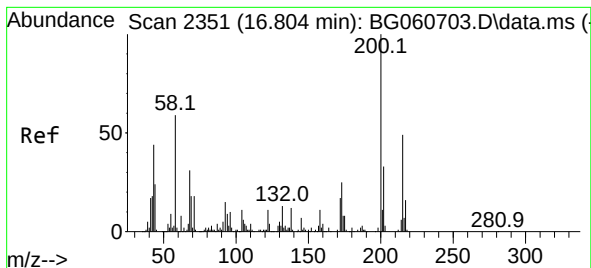


#68
Hexachlorobenzene
Concen: 52.105 ng
RT: 16.634 min Scan# 2322
Delta R.T. -0.011 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49



Tgt Ion:284 Resp: 258421
Ion Ratio Lower Upper
284 100
142 28.9 22.9 34.3
249 32.0 27.1 40.7





#69

Atrazine

Concen: 49.240 ng

RT: 16.793 min Scan# 21301

Delta R.T. -0.011 min

Lab File: BG060905.D

Acq: 15 Apr 2024 17:49

Instrument :

BNA_G

ClientSampleId :

NB-08-041224MSD

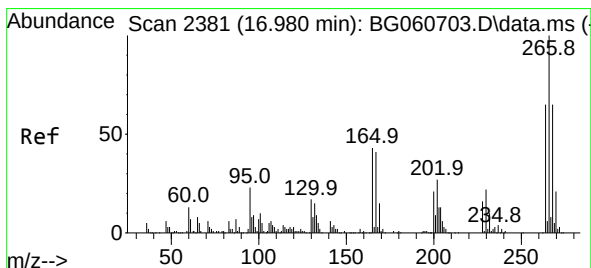
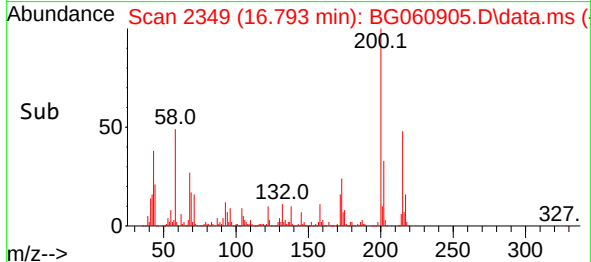
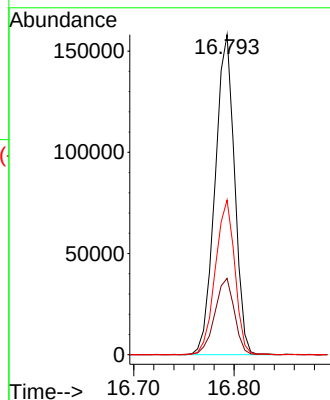
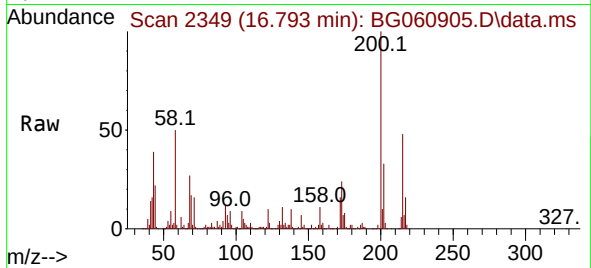
Tgt Ion:200 Resp: 21301
 Ion Ratio Lower Upper
 200 100
 173 23.8 5.2 45.2
 215 48.3 28.8 68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/17/2024

Supervised By :mohammad ahmed 04/18/2024



#70

Pentachlorophenol

Concen: 106.420 ng

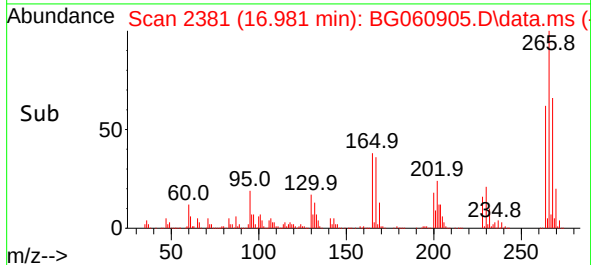
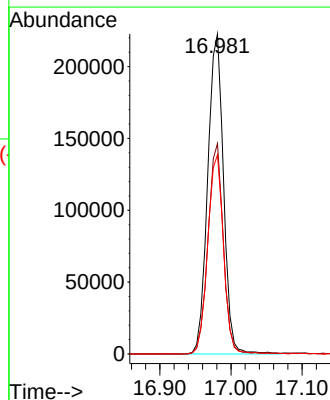
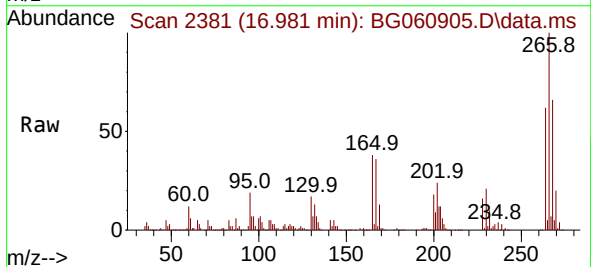
RT: 16.981 min Scan# 2381

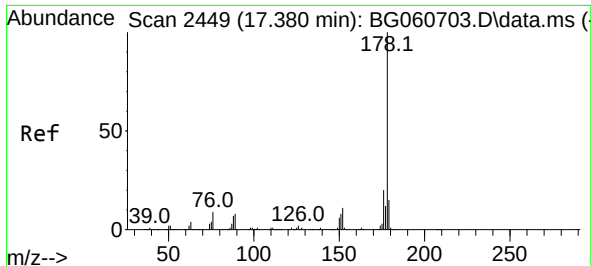
Delta R.T. 0.001 min

Lab File: BG060905.D

Acq: 15 Apr 2024 17:49

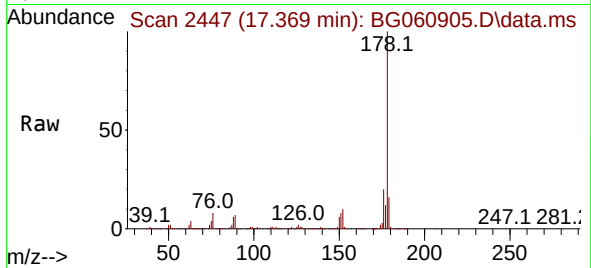
Tgt Ion:266 Resp: 344393
 Ion Ratio Lower Upper
 266 100
 268 65.7 52.2 78.4
 264 62.2 51.8 77.6





#71
Phenanthrene
Concen: 44.952 ng
RT: 17.369 min Scan# 2447
Delta R.T. -0.011 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

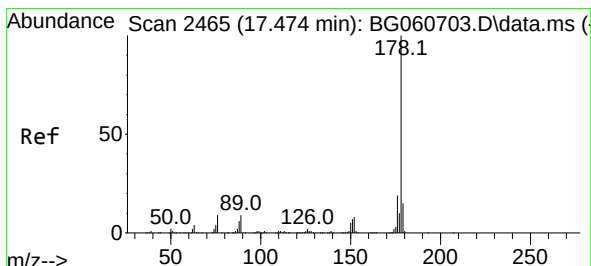
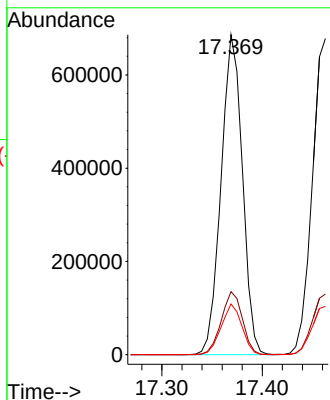
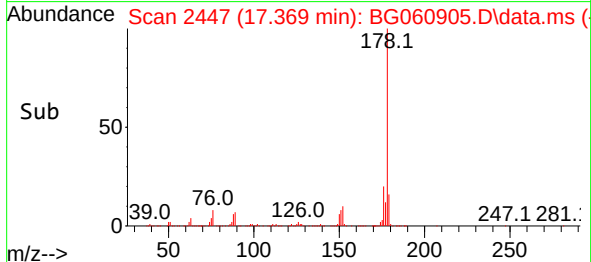
Instrument :
BNA_G
ClientSampleId :
NB-08-041224MSD



Tgt Ion:178 Resp: 101206
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.8 12.2 18.4

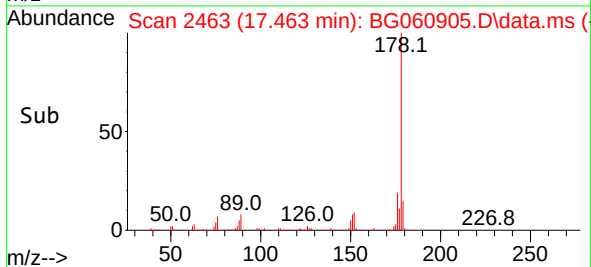
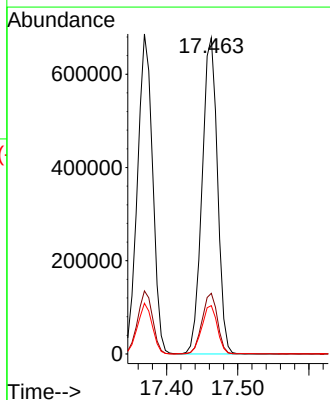
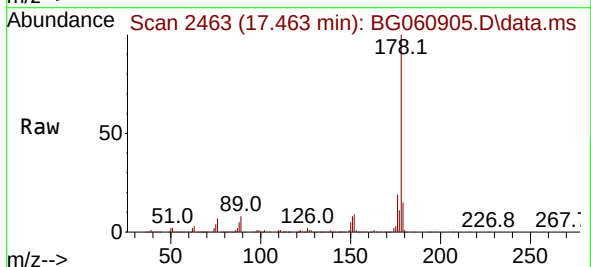
Manual Integrations
APPROVED

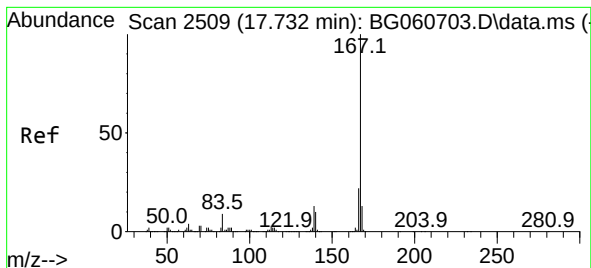
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#72
Anthracene
Concen: 44.649 ng
RT: 17.463 min Scan# 2463
Delta R.T. -0.011 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Tgt Ion:178 Resp: 1020907
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.3 12.2 18.2





#73

Carbazole

Concen: 43.865 ng

RT: 17.727 min Scan# 2

Delta R.T. -0.005 min

Lab File: BG060905.D

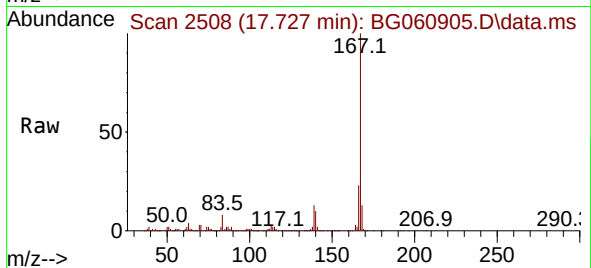
Acq: 15 Apr 2024 17:49

Instrument :

BNA_G

ClientSampleId :

NB-08-041224MSD



Tgt Ion:167 Resp: 88429

Ion Ratio Lower Upper

167 100

166 23.5 18.0 27.0

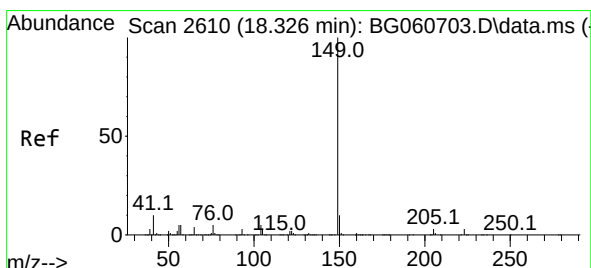
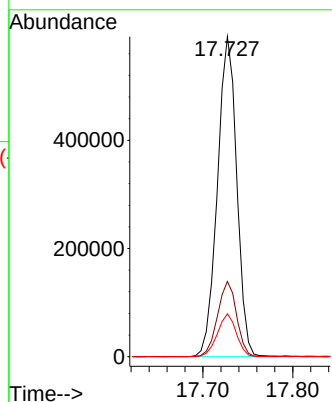
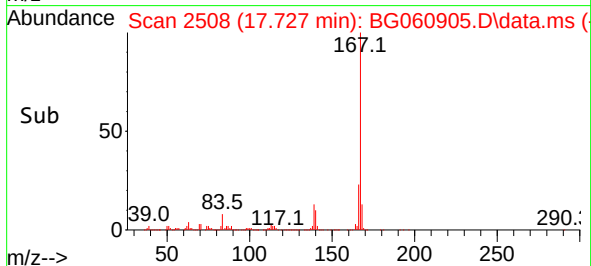
139 13.4 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/17/2024

Supervised By :mohammad ahmed 04/18/2024



#74

Di-n-butylphthalate

Concen: 42.462 ng

RT: 18.303 min Scan# 2606

Delta R.T. -0.023 min

Lab File: BG060905.D

Acq: 15 Apr 2024 17:49

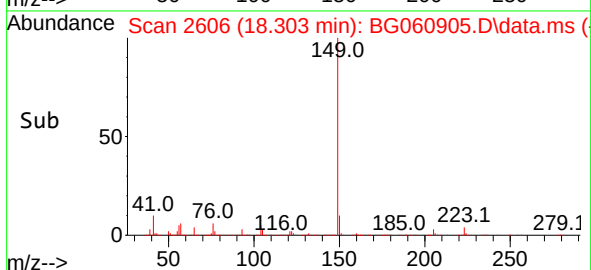
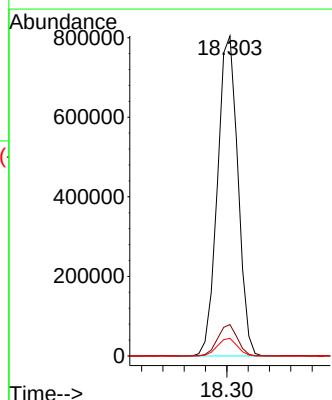
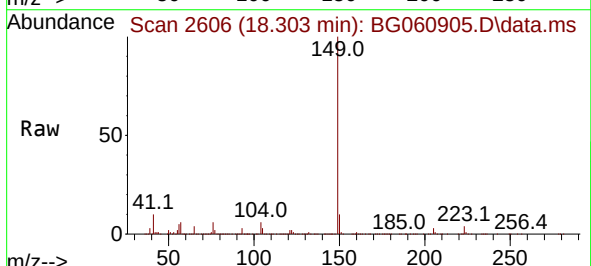
Tgt Ion:149 Resp: 1067217

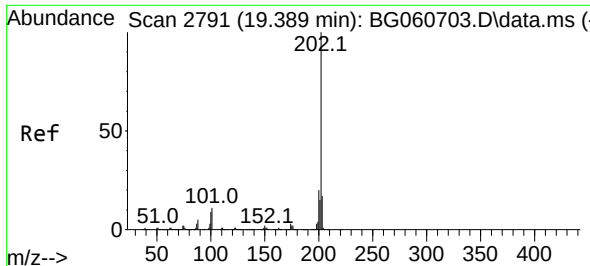
Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

104 5.5 4.2 6.4





#75
Fluoranthene
Concen: 45.077 ng
RT: 19.378 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Instrument :

BNA_G

ClientSampleId :

NB-08-041224MSD

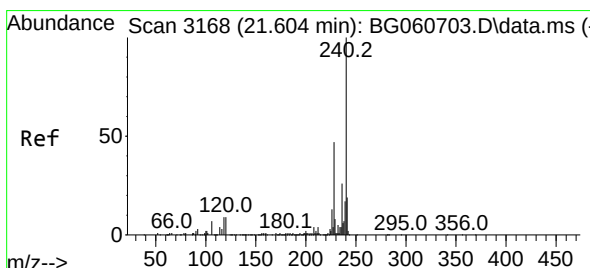
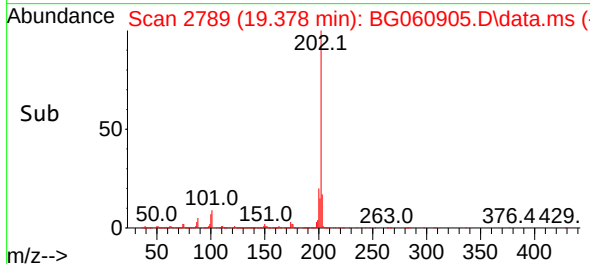
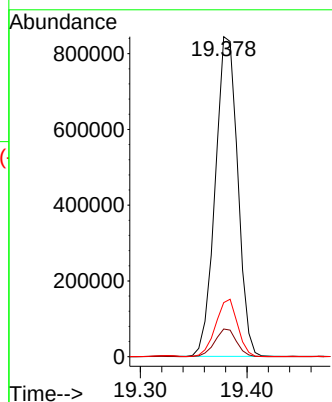
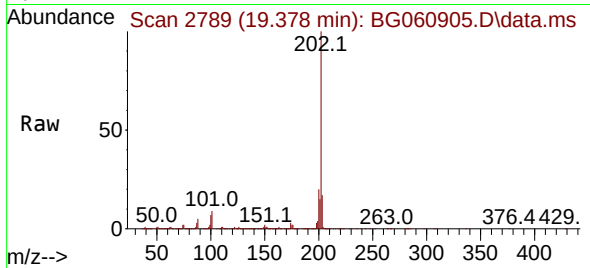
Tgt Ion:202 Resp: 123150
Ion Ratio Lower Upper
202 100
101 8.6 0.0 30.8
203 16.9 0.0 37.4

Manual Integrations

APPROVED

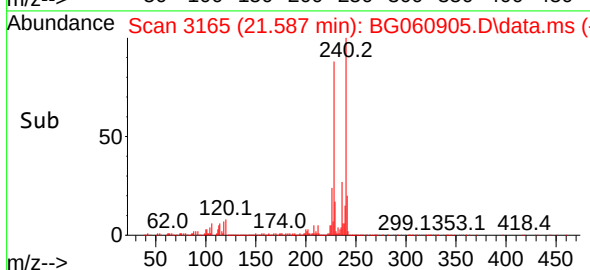
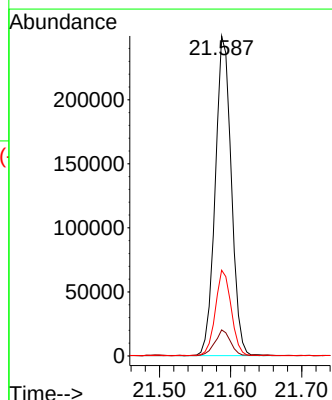
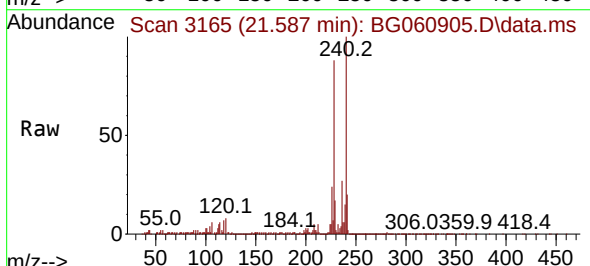
Reviewed By :Yogesh Patel 04/17/2024

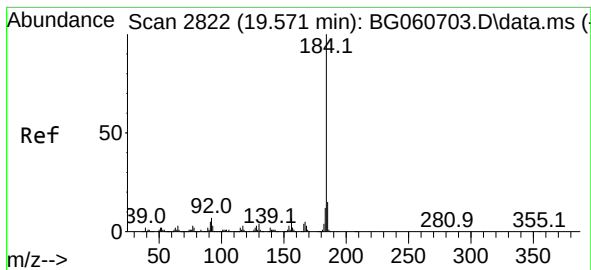
Supervised By :mohammad ahmed 04/18/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.587 min Scan# 3165
Delta R.T. -0.017 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

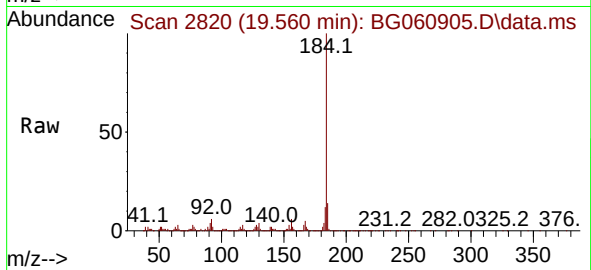
Tgt Ion:240 Resp: 391790
Ion Ratio Lower Upper
240 100
120 8.2 7.1 10.7
236 26.8 20.7 31.1





#77
Benzidine
Concen: 54.116 ng
RT: 19.560 min Scan# 2820
Delta R.T. -0.011 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

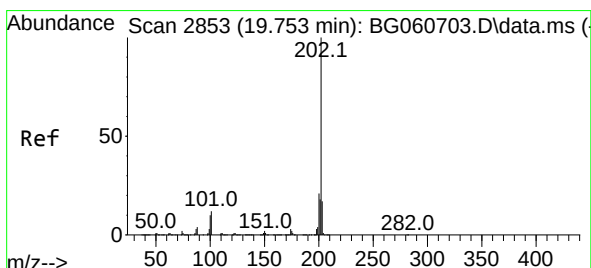
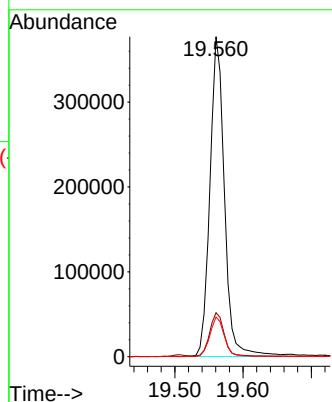
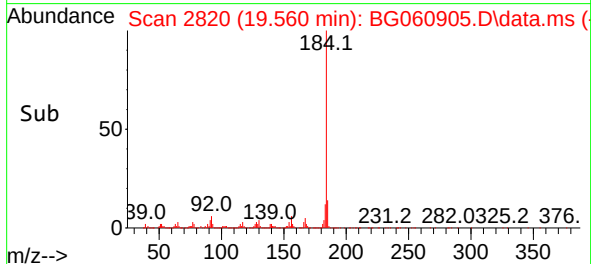
Instrument :
BNA_G
ClientSampleId :
NB-08-041224MSD



Tgt Ion:184 Resp: 55829
Ion Ratio Lower Upper
184 100
185 13.8 11.8 17.6
183 12.4 9.5 14.3

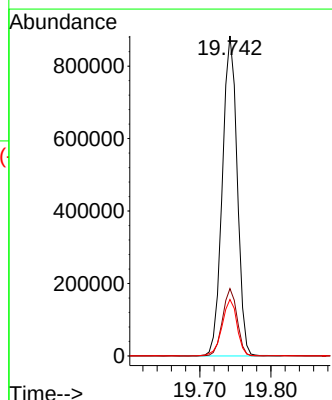
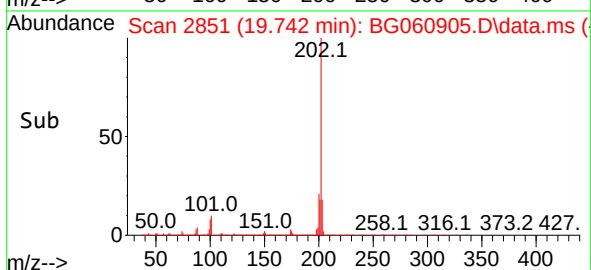
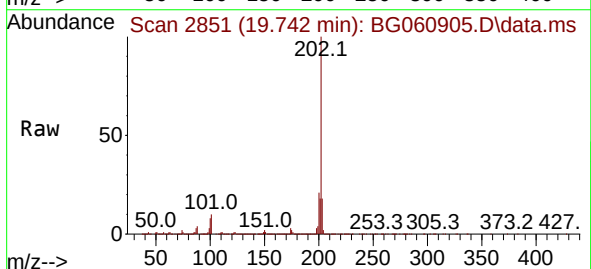
Manual Integrations
APPROVED

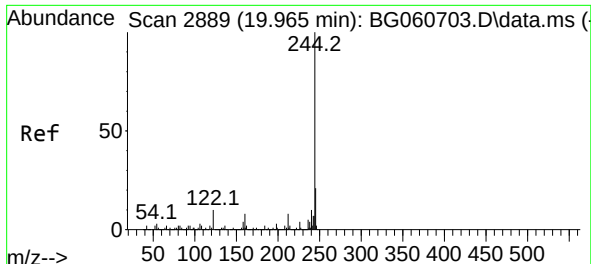
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#78
Pyrene
Concen: 46.519 ng
RT: 19.742 min Scan# 2851
Delta R.T. -0.011 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Tgt Ion:202 Resp: 1274655
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.7 14.0 21.0





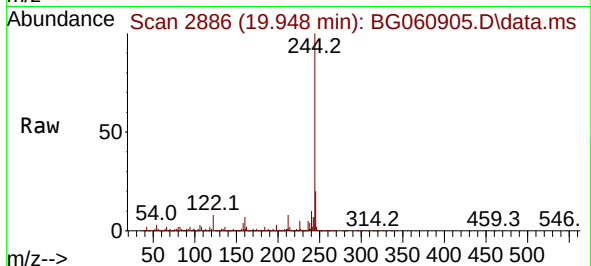
#79
 Terphenyl-d14
 Concen: 64.617 ng
 RT: 19.948 min Scan# 2886
 Delta R.T. -0.017 min
 Lab File: BG060905.D
 Acq: 15 Apr 2024 17:49

Instrument :

BNA_G

ClientSampleId :

NB-08-041224MSD



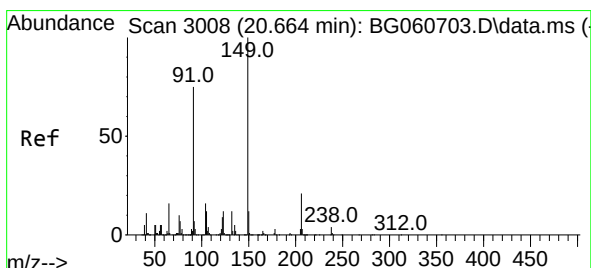
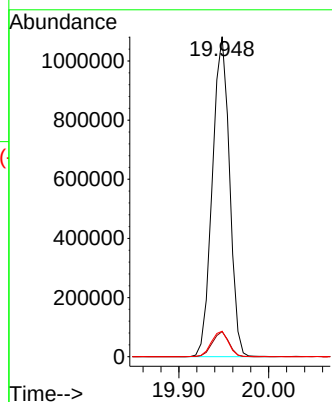
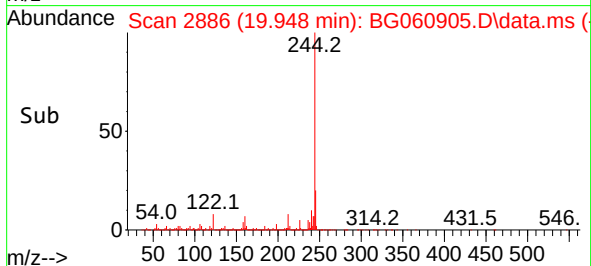
Tgt Ion:244 Resp: 1437754
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 7.9 7.8 11.8

Manual Integrations

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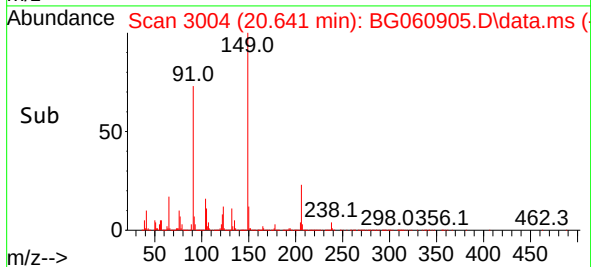
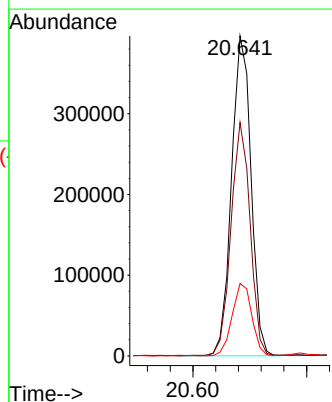
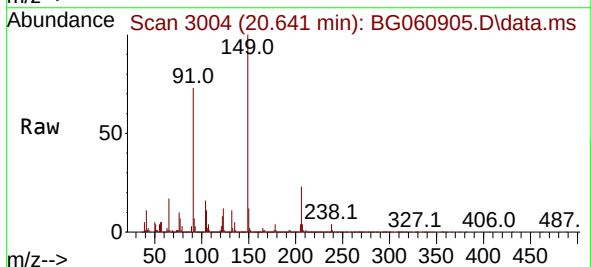
Reviewed By :Yogesh Patel 04/17/2024

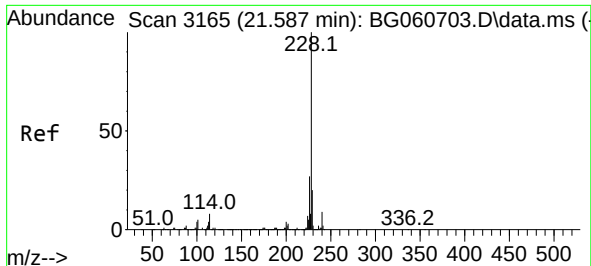
Supervised By :mohammad ahmed 04/18/2024



#80
 Butylbenzylphthalate
 Concen: 47.099 ng
 RT: 20.641 min Scan# 3004
 Delta R.T. -0.023 min
 Lab File: BG060905.D
 Acq: 15 Apr 2024 17:49

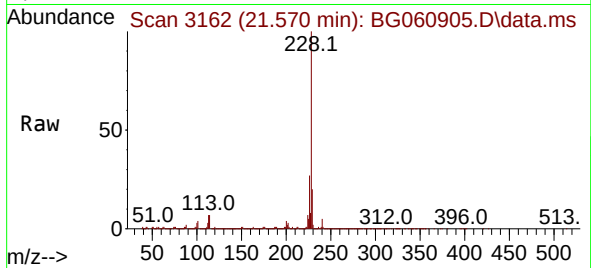
Tgt Ion:149 Resp: 470781
 Ion Ratio Lower Upper
 149 100
 91 72.9 60.1 90.1
 206 22.7 16.8 25.2





#81
Benzo(a)anthracene
Concen: 47.268 ng
RT: 21.570 min Scan# 3165
Delta R.T. -0.017 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

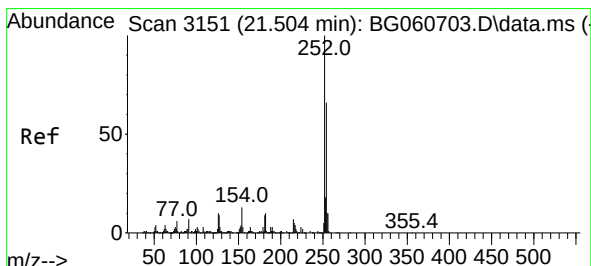
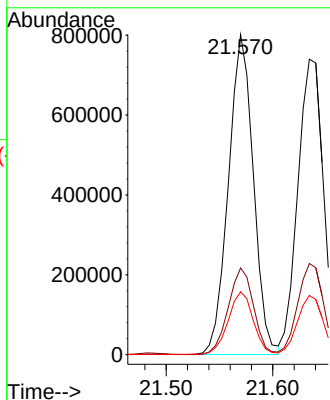
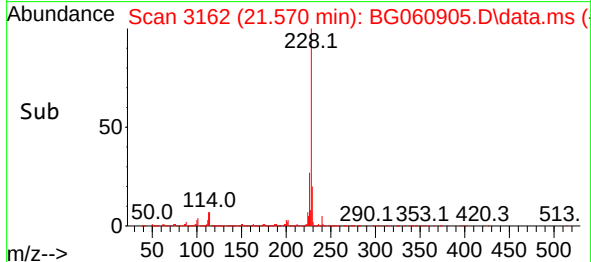
Instrument :
BNA_G
ClientSampleId :
NB-08-041224MSD



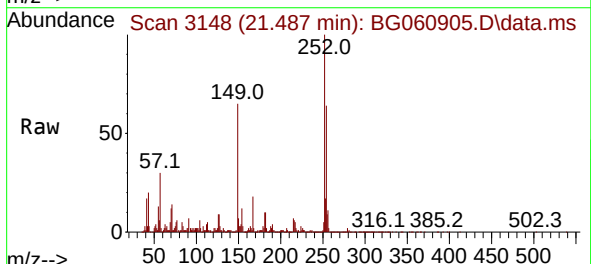
Tgt Ion:228 Resp: 1305410
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.6 15.8 23.8

Manual Integrations
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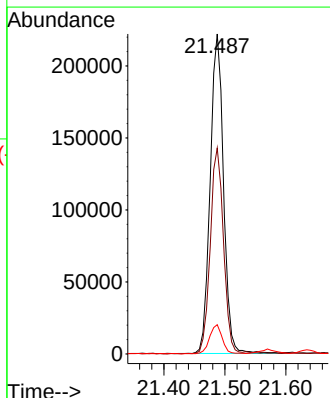
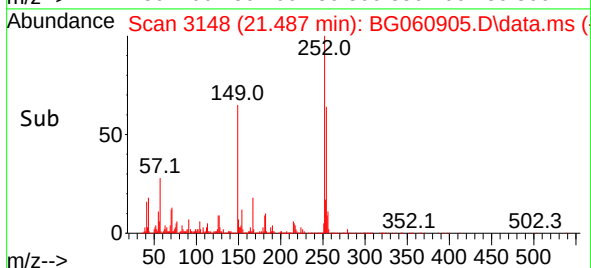
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024

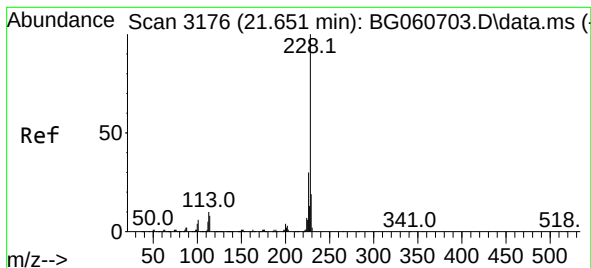


#82
3,3'-Dichlorobenzidine
Concen: 36.116 ng
RT: 21.487 min Scan# 3148
Delta R.T. -0.017 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49



Tgt Ion:252 Resp: 336785
Ion Ratio Lower Upper
252 100
254 64.3 52.6 78.8
126 9.1 7.8 11.8





#83

Chrysene

Concen: 46.147 ng

RT: 21.634 min Scan# 3176

Delta R.T. -0.017 min

Lab File: BG060905.D

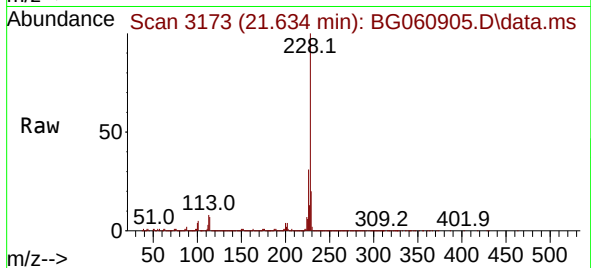
Acq: 15 Apr 2024 17:49

Instrument :

BNA_G

ClientSampleId :

NB-08-041224MSD



Tgt Ion:228 Resp: 1228380

Ion Ratio Lower Upper

228 100

226 30.9 24.2 36.4

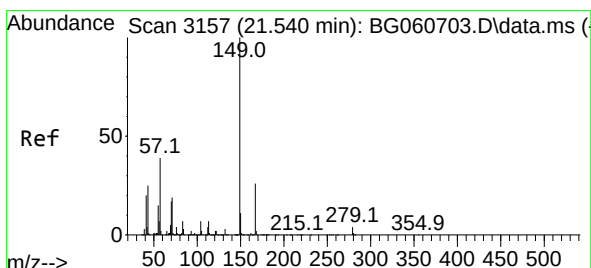
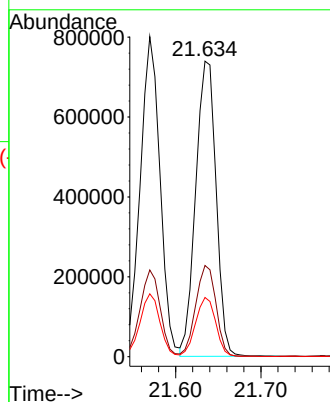
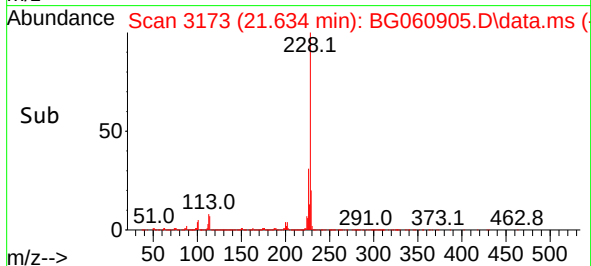
229 20.1 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/17/2024

Supervised By :mohammad ahmed 04/18/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.867 ng

RT: 21.499 min Scan# 3150

Delta R.T. -0.040 min

Lab File: BG060905.D

Acq: 15 Apr 2024 17:49

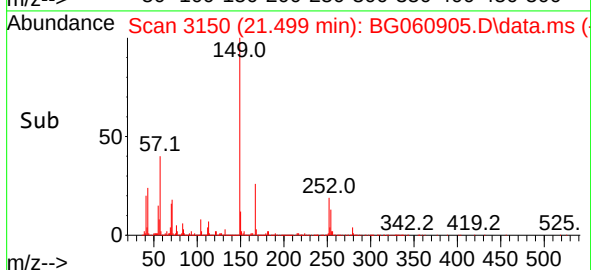
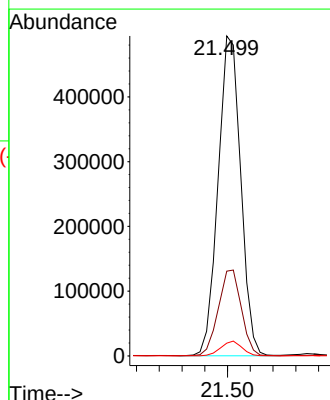
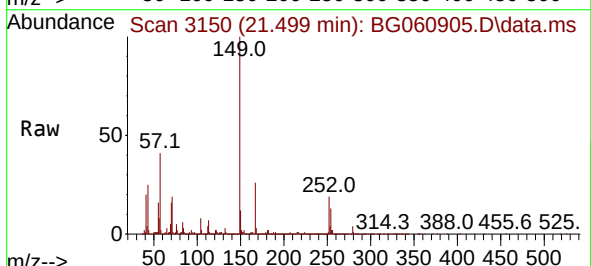
Tgt Ion:149 Resp: 682936

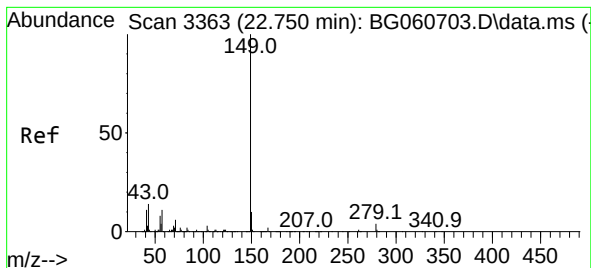
Ion Ratio Lower Upper

149 100

167 26.5 20.6 30.8

279 4.0 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 45.669 ng

RT: 22.692 min Scan# 31

Delta R.T. -0.058 min

Lab File: BG060905.D

Acq: 15 Apr 2024 17:49

Instrument :

BNA_G

ClientSampleId :

NB-08-041224MSD

Tgt Ion:149 Resp: 1185304

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

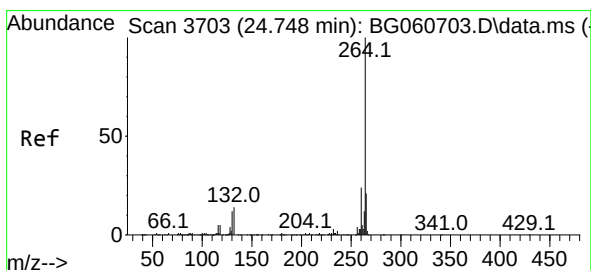
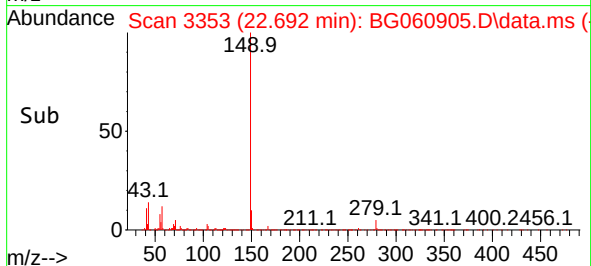
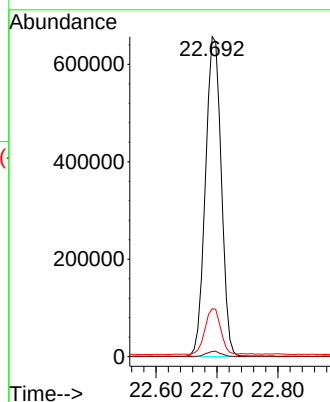
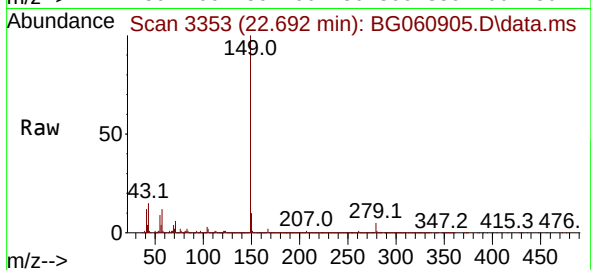
43 14.0 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/17/2024

Supervised By :mohammad ahmed 04/18/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.725 min Scan# 3699

Delta R.T. -0.023 min

Lab File: BG060905.D

Acq: 15 Apr 2024 17:49

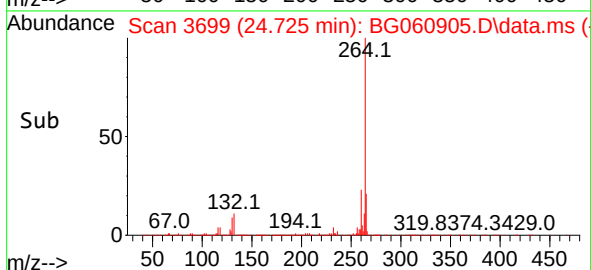
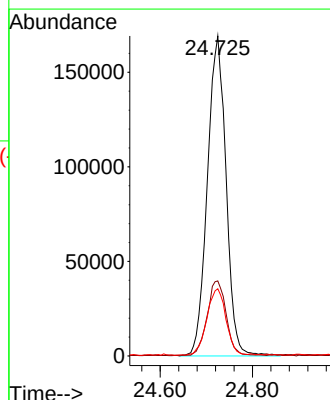
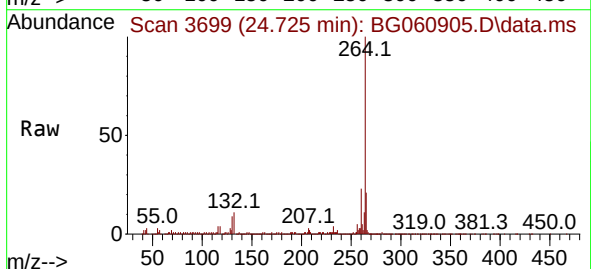
Tgt Ion:264 Resp: 478078

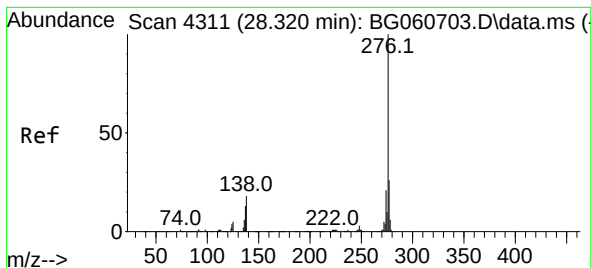
Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.0 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.227 ng

RT: 28.285 min Scan# 4311

Delta R.T. -0.035 min

Lab File: BG060905.D

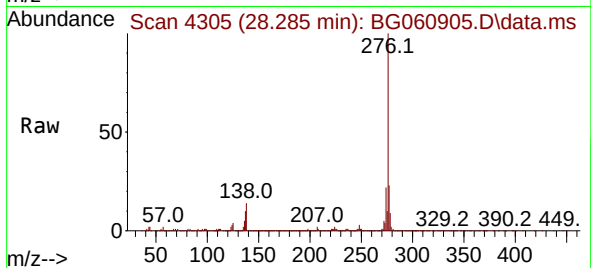
Acq: 15 Apr 2024 17:49

Instrument :

BNA_G

ClientSampleId :

NB-08-041224MSD



Tgt Ion:276 Resp: 1556280

Ion Ratio Lower Upper

276 100

138 11.0 12.4 18.6

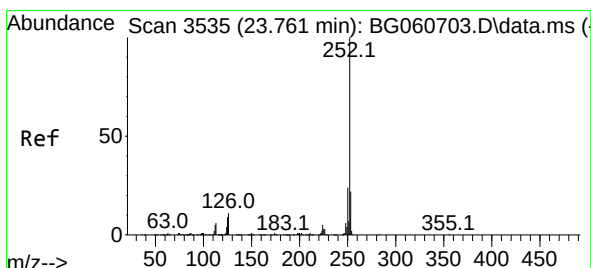
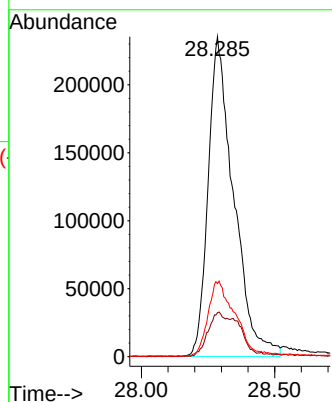
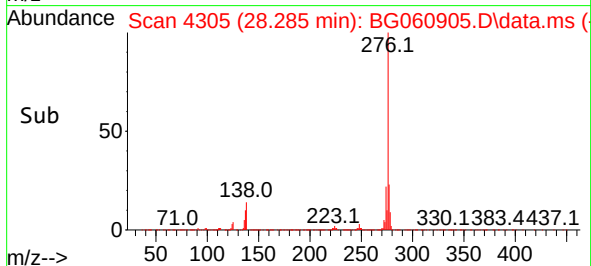
277 25.1 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/17/2024

Supervised By :mohammad ahmed 04/18/2024



#88

Benzo(b)fluoranthene

Concen: 46.823 ng

RT: 23.738 min Scan# 3531

Delta R.T. -0.023 min

Lab File: BG060905.D

Acq: 15 Apr 2024 17:49

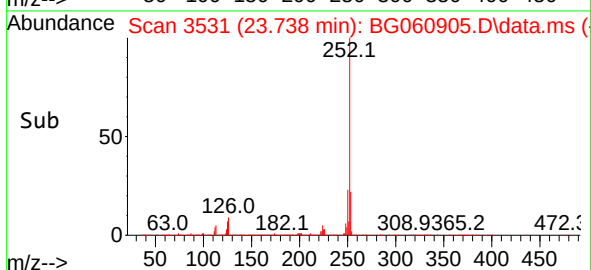
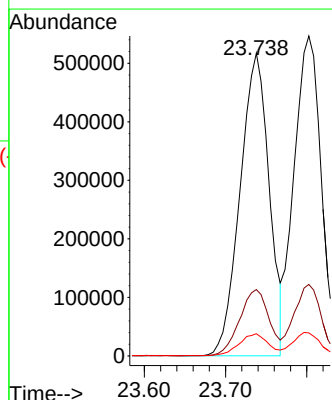
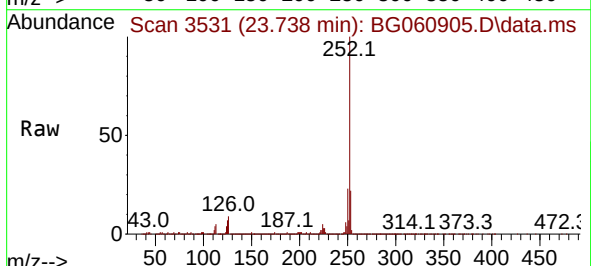
Tgt Ion:252 Resp: 1286021

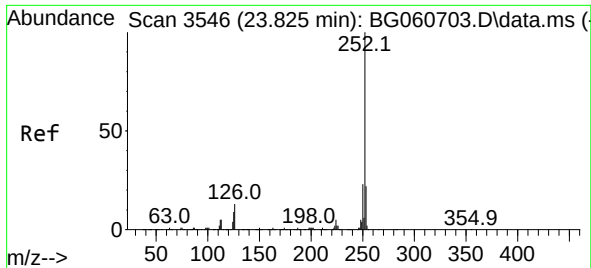
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 7.4 7.1 10.7





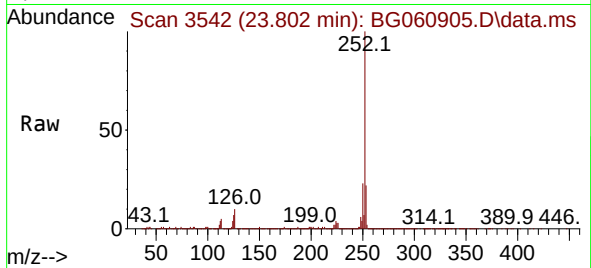
#89
Benzo(k)fluoranthene
Concen: 44.800 ng
RT: 23.802 min Scan# 3546
Delta R.T. -0.023 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Instrument :

BNA_G

ClientSampleId :

NB-08-041224MSD



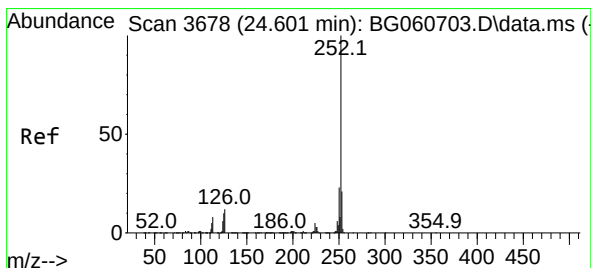
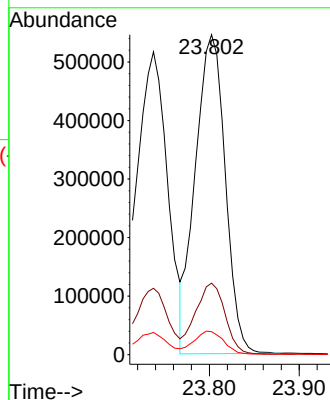
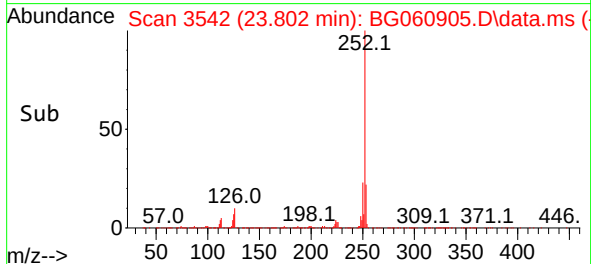
Tgt Ion:252 Resp: 1259409
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 7.2 7.5 11.3

Manual Integrations

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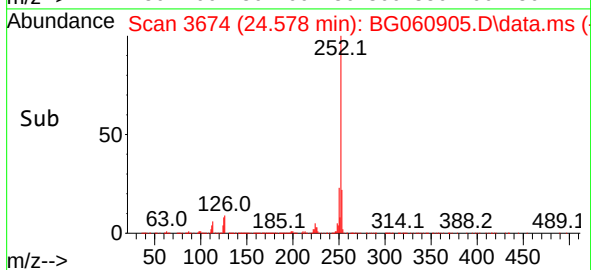
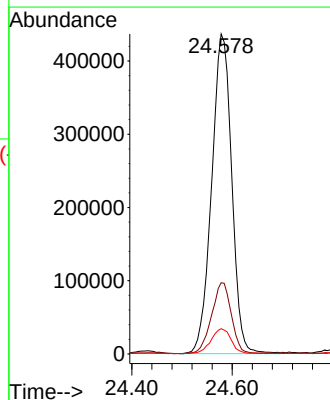
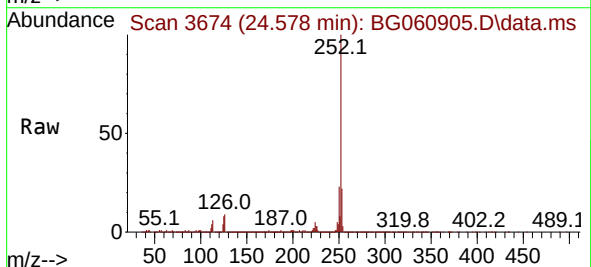
Reviewed By :Yogesh Patel 04/17/2024

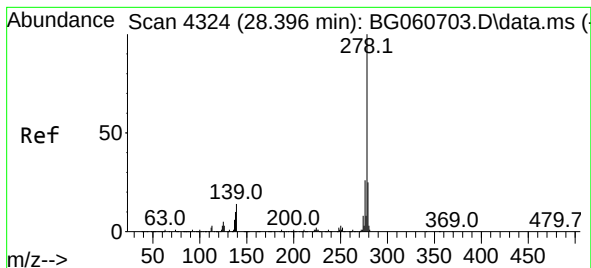
Supervised By :mohammad ahmed 04/18/2024



#90
Benzo(a)pyrene
Concen: 45.369 ng
RT: 24.578 min Scan# 3674
Delta R.T. -0.023 min
Lab File: BG060905.D
Acq: 15 Apr 2024 17:49

Tgt Ion:252 Resp: 1210935
Ion Ratio Lower Upper
252 100
253 22.3 16.8 25.2
125 7.9 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 45.286 ng

RT: 28.356 min Scan# 41

Delta R.T. -0.040 min

Lab File: BG060905.D

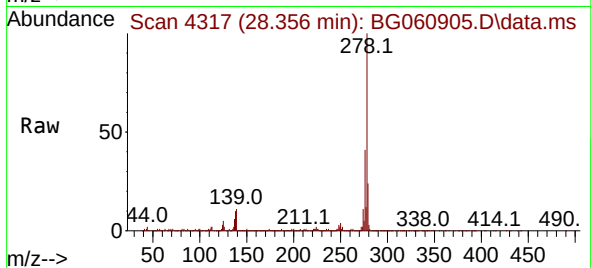
Acq: 15 Apr 2024 17:49

Instrument :

BNA_G

ClientSampleId :

NB-08-041224MSD



Tgt Ion:278 Resp: 128522

Ion Ratio Lower Upper

278 100

139 10.8 11.1 16.7

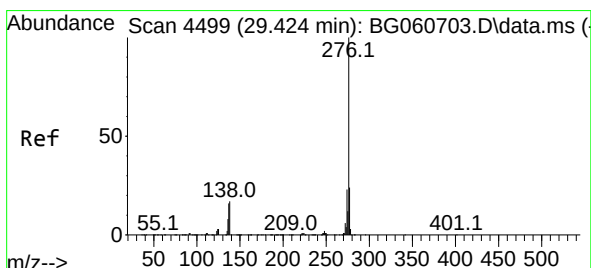
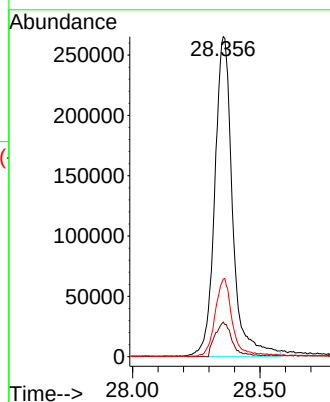
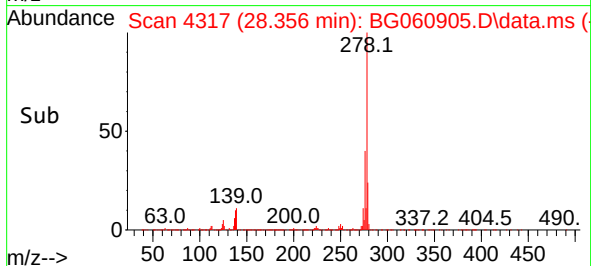
279 24.3 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/17/2024

Supervised By :mohammad ahmed 04/18/2024



#92

Benzo(g,h,i)perylene

Concen: 41.621 ng

RT: 29.396 min Scan# 4494

Delta R.T. -0.029 min

Lab File: BG060905.D

Acq: 15 Apr 2024 17:49

Tgt Ion:276 Resp: 1149035

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 14.1 14.0 21.0

