

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040624\
 Data File : BG060809.D
 Acq On : 6 Apr 2024 13:31
 Operator : MA/JU
 Sample : P1995-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 280648MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/08/2024
 Supervised By :mohammad ahmed 04/08/2024

Quant Time: Apr 08 02:05:05 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	7.955	152	66867	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	266629	20.000	ng	0.00
39) Acenaphthene-d10	14.582	164	194563	20.000	ng	0.00
64) Phenanthrene-d10	17.332	188	419131	20.000	ng	0.00
76) Chrysene-d12	21.598	240	397300	20.000	ng	0.00
86) Perylene-d12	24.735	264	473215	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	488193	121.626	ng	0.01
7) Phenol-d6	7.120	99	622679	104.509	ng	0.00
23) Nitrobenzene-d5	9.112	82	479744	102.671	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	361759	163.795	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	1192534	89.955	ng	-0.01
79) Terphenyl-d14	19.958	244	1969593	87.292	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.478	88	60450	36.733	ng	99
3) Pyridine	3.871	79	145351	29.281	ng	91
4) n-Nitrosodimethylamine	3.771	42	127880	43.098	ng	93
6) Aniline	7.279	93	118225	15.713	ng	98
8) 2-Chlorophenol	7.520	128	196521	43.186	ng	98
9) Benzaldehyde	7.091	77	19987m	6.083	ng	
10) Phenol	7.144	94	225200	37.036	ng	95
11) bis(2-Chloroethyl)ether	7.379	93	183859	37.451	ng	99
12) 1,3-Dichlorobenzene	7.843	146	201450	42.570	ng	99
13) 1,4-Dichlorobenzene	7.990	146	211747	43.859	ng	96
14) 1,2-Dichlorobenzene	8.307	146	203747	43.064	ng	98
15) Benzyl Alcohol	8.190	79	201758	41.804	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.478	45	439067	39.630	ng	97
17) 2-Methylphenol	8.395	107	171759	37.417	ng	97
18) Hexachloroethane	9.036	117	76309	44.503	ng	# 87
19) n-Nitroso-di-n-propyla...	8.760	70	163157	35.909	ng	# 97
20) 3+4-Methylphenols	8.719	107	228709	36.384	ng	95
22) Acetophenone	8.771	105	318013	43.256	ng	# 98
24) Nitrobenzene	9.148	77	238502	45.979	ng	97
25) Isophorone	9.676	82	438287	40.724	ng	99
26) 2-Nitrophenol	9.858	139	104107	55.394	ng	94
27) 2,4-Dimethylphenol	9.923	122	149626	34.610	ng	98
28) bis(2-Chloroethoxy)met...	10.158	93	256718	40.403	ng	99
29) 2,4-Dichlorophenol	10.399	162	196707	49.548	ng	96
30) 1,2,4-Trichlorobenzene	10.610	180	214862	47.796	ng	99
31) Naphthalene	10.799	128	622942	43.191	ng	99
32) Benzoic acid	9.999	122	31831	16.326	ng	92
33) 4-Chloroaniline	10.898	127	33640	5.022	ng	# 93
34) Hexachlorobutadiene	11.092	225	148988	49.729	ng	98
35) Caprolactam	11.674	113	54320m	34.547	ng	
36) 4-Chloro-3-methylphenol	12.032	107	227710	44.900	ng	98
37) 2-Methylnaphthalene	12.408	142	434863	41.010	ng	99
38) 1-Methylnaphthalene	12.626	142	413637	41.292	ng	98
40) 1,2,4,5-Tetrachloroben...	12.779	216	283081	50.609	ng	99
41) Hexachlorocyclopentadiene	12.761	237	255462	89.820	ng	96
43) 2,4,6-Trichlorophenol	13.014	196	197095	54.723	ng	99

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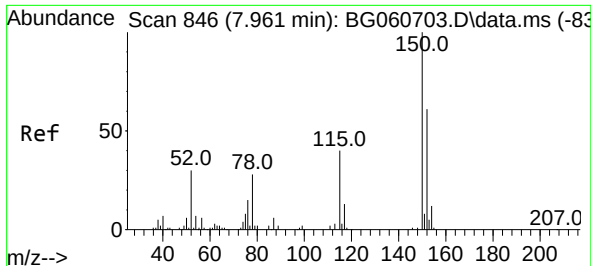
Manual Integrations
 APPROVED

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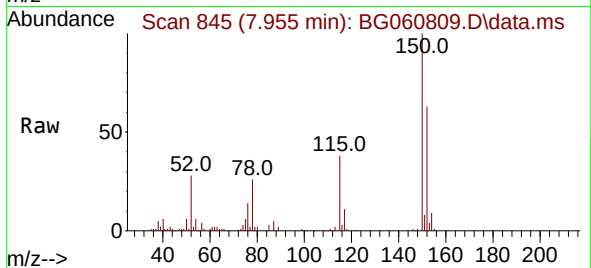
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.084	196	211247	49.147	ng	98
46) 1,1'-Biphenyl	13.419	154	629693	45.820	ng	97
47) 2-Chloronaphthalene	13.460	162	495371	47.443	ng	99
48) 2-Nitroaniline	13.654	65	182175	52.885	ng	95
49) Acenaphthylene	14.306	152	826356	47.102	ng	99
50) Dimethylphthalate	14.042	163	665415	43.269	ng	100
51) 2,6-Dinitrotoluene	14.153	165	139467	50.459	ng	92
52) Acenaphthene	14.647	154	491967	44.663	ng	99
53) 3-Nitroaniline	14.477	138	66878	23.677	ng	93
54) 2,4-Dinitrophenol	14.688	184	50532	47.207	ng	# 89
55) Dibenzofuran	14.982	168	761115	43.806	ng	98
56) 4-Nitrophenol	14.788	139	198677	88.373	ng	97
57) 2,4-Dinitrotoluene	14.941	165	194396	53.573	ng	97
58) Fluorene	15.634	166	615865	44.165	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.205	232	193469	51.649	ng	96
60) Diethylphthalate	15.417	149	639715	41.347	ng	99
61) 4-Chlorophenyl-phenyle...	15.628	204	331227	44.898	ng	96
62) 4-Nitroaniline	15.646	138	135374	48.147	ng	97
63) Azobenzene	15.922	77	618944	41.053	ng	95
65) 4,6-Dinitro-2-methylph...	15.705	198	58090	35.696	ng	93
66) n-Nitrosodiphenylamine	15.840	169	566322	47.283	ng	97
67) 4-Bromophenyl-phenylether	16.527	248	223157	52.463	ng	97
68) Hexachlorobenzene	16.639	284	254788	53.061	ng	98
69) Atrazine	16.797	200	210849	50.341	ng	99
70) Pentachlorophenol	16.979	266	232581	74.232	ng	99
71) Phenanthrene	17.373	178	996008	45.692	ng	100
72) Anthracene	17.467	178	1018141	45.992	ng	99
73) Carbazole	17.732	167	891628	45.682	ng	99
74) Di-n-butylphthalate	18.313	149	1057178	43.445	ng	100
75) Fluoranthene	19.388	202	1206382	45.608	ng	97
77) Benzidine	19.565	184	233838	22.352	ng	98
78) Pyrene	19.747	202	1261912	45.415	ng	99
80) Butylbenzylphthalate	20.652	149	483816	47.732	ng	98
81) Benzo(a)anthracene	21.580	228	1312737	46.874	ng	100
82) 3,3'-Dichlorobenzidine	21.492	252	251193	26.564	ng	97
83) Chrysene	21.639	228	1240589	45.959	ng	100
84) Bis(2-ethylhexyl)phtha...	21.515	149	719821	44.556	ng	99
85) Di-n-octyl phthalate	22.714	149	1251223	47.541	ng	99
87) Indeno(1,2,3-cd)pyrene	28.307	276	1604205	48.140	ng	# 95
88) Benzo(b)fluoranthene	23.742	252	1302564	47.913	ng	99
89) Benzo(k)fluoranthene	23.813	252	1309258	47.052	ng	97
90) Benzo(a)pyrene	24.588	252	1220836	46.210	ng	99
91) Dibenzo(a,h)anthracene	28.378	278	1305189	46.462	ng	95
92) Benzo(g,h,i)perylene	29.406	276	1220519	44.665	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.955 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

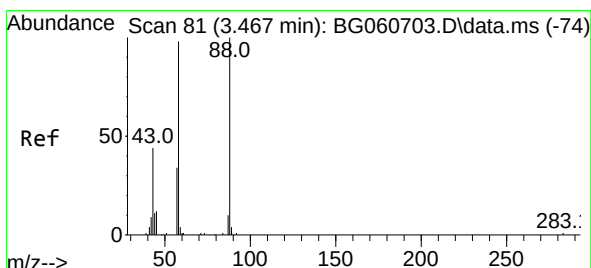
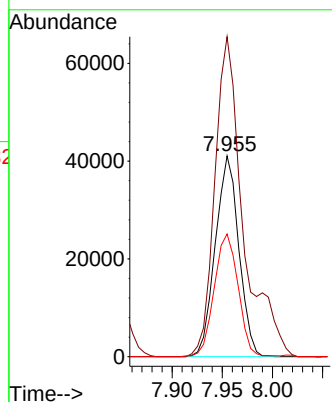
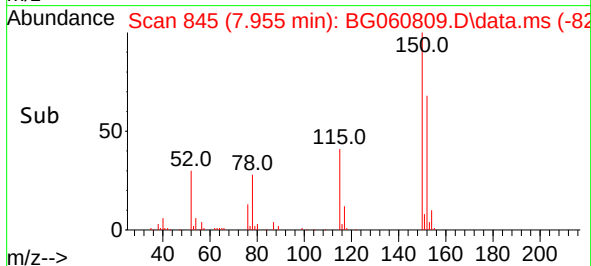
Instrument :
BNA_G
ClientSampleId :
280648MSD



Tgt Ion:152 Resp: 6686
Ion Ratio Lower Upper
152 100
150 159.4 130.2 195.4
115 61.1 51.6 77.4

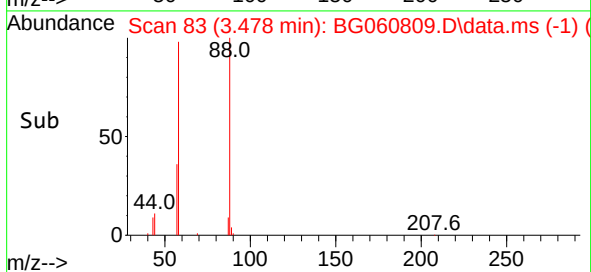
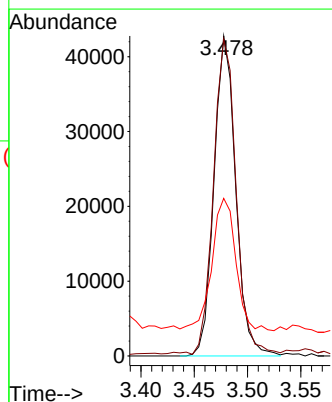
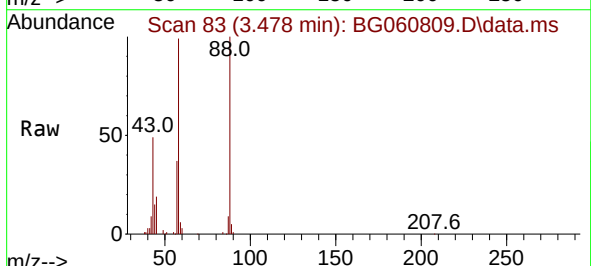
Manual Integrations
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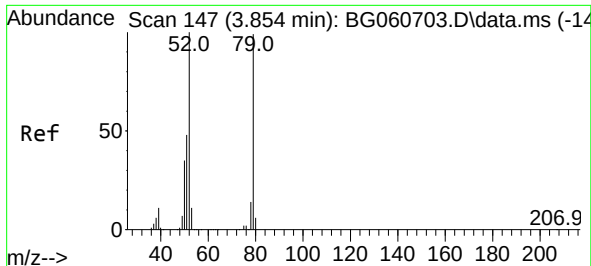
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#2
1,4-Dioxane
Concen: 36.733 ng
RT: 3.478 min Scan# 83
Delta R.T. 0.011 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

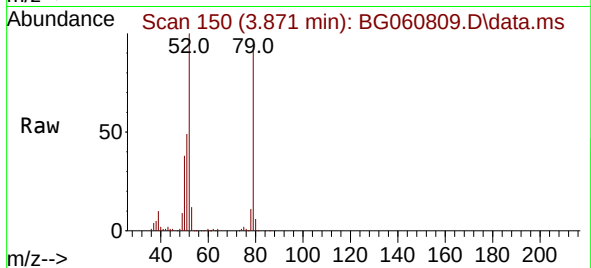
Tgt Ion: 88 Resp: 60450
Ion Ratio Lower Upper
88 100
58 101.0 80.9 121.3
43 46.0 35.4 53.0





#3
Pyridine
Concen: 29.281 ng
RT: 3.871 min Scan# 11
Delta R.T. 0.017 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

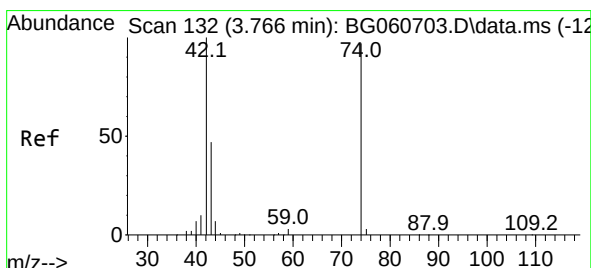
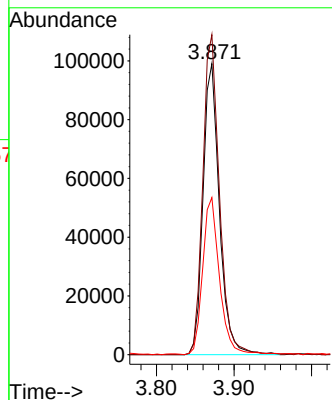
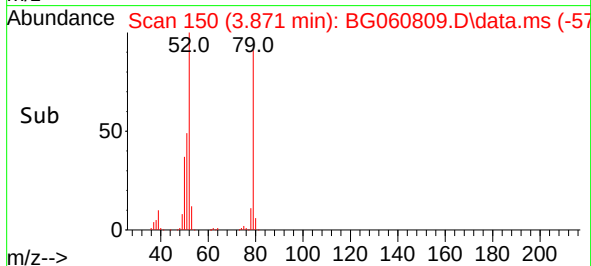
Instrument :
BNA_G
ClientSampleId :
280648MSD



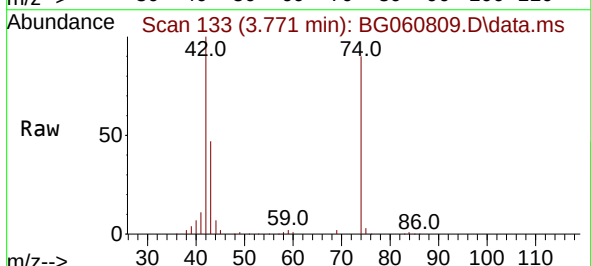
Tgt Ion: 79 Resp: 14535
Ion Ratio Lower Upper
79 100
52 110.0 80.6 120.8
51 54.0 39.1 58.7

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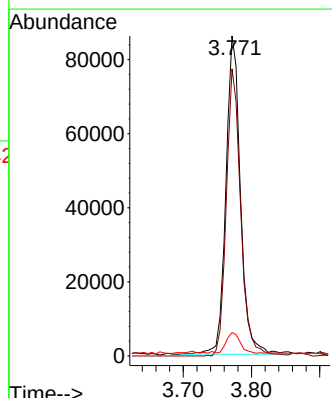
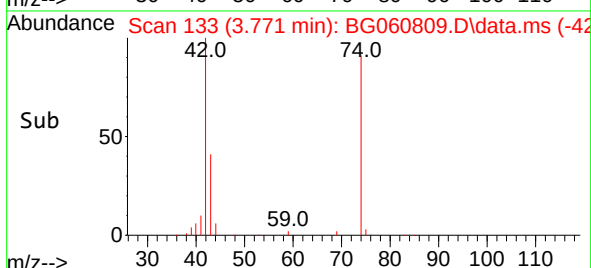
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

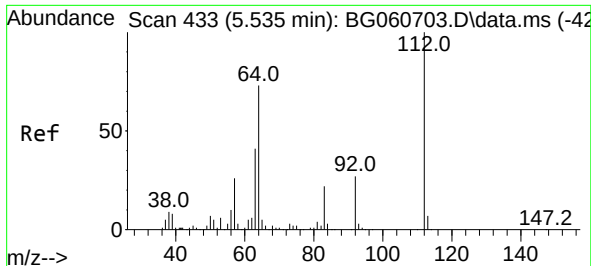


#4
n-Nitrosodimethylamine
Concen: 43.098 ng
RT: 3.771 min Scan# 133
Delta R.T. 0.005 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31



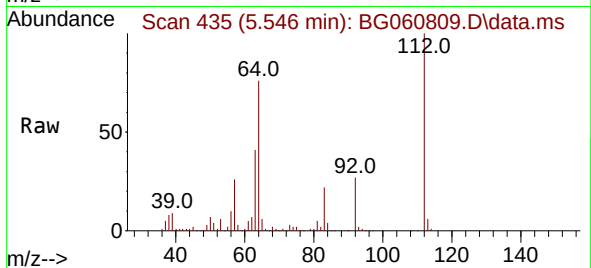
Tgt Ion: 42 Resp: 127880
Ion Ratio Lower Upper
42 100
74 89.7 77.8 116.8
44 7.3 6.8 10.2





#5
2-Fluorophenol
Concen: 121.626 ng
RT: 5.546 min Scan# 41
Delta R.T. 0.011 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

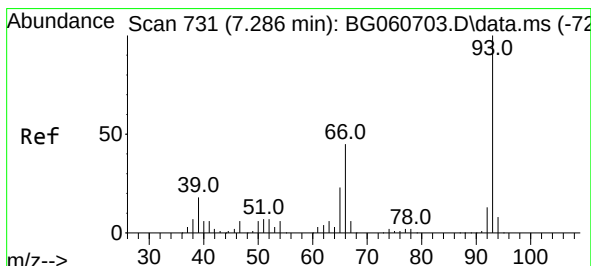
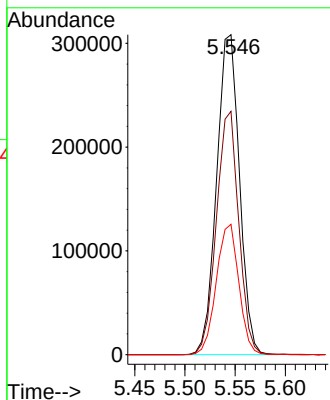
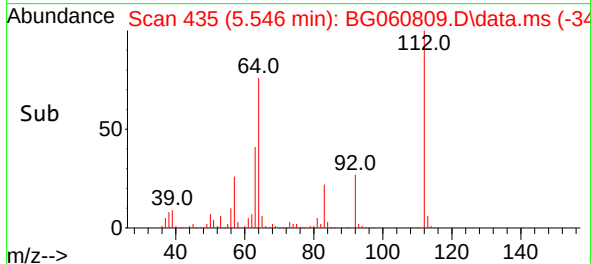
Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 48819
Ion Ratio Lower Upper
112 100
64 76.1 58.4 87.6
63 40.7 32.7 49.1

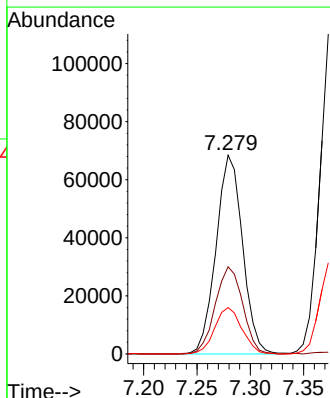
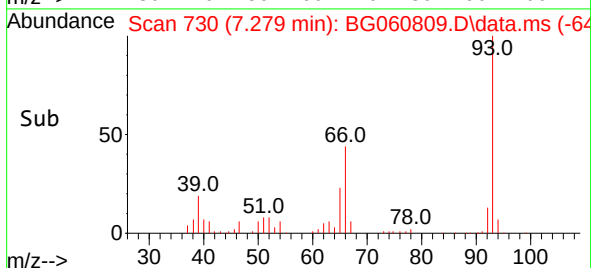
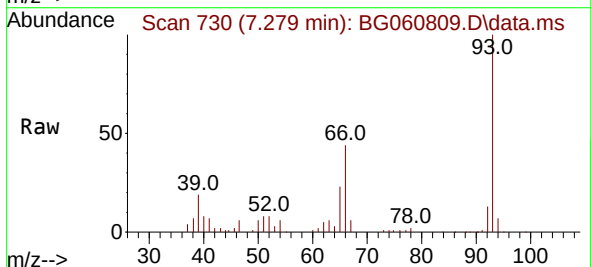
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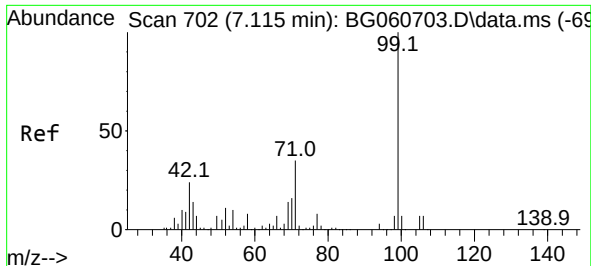
Reviewed By :Yogesh Patel 04/08/2024
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#6
Aniline
Concen: 15.713 ng
RT: 7.279 min Scan# 730
Delta R.T. -0.007 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

Tgt Ion: 93 Resp: 118225
Ion Ratio Lower Upper
93 100
66 43.9 36.1 54.1
65 23.3 18.1 27.1





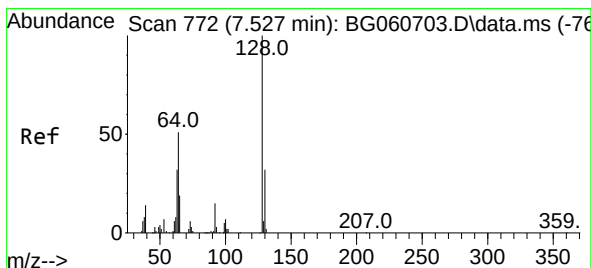
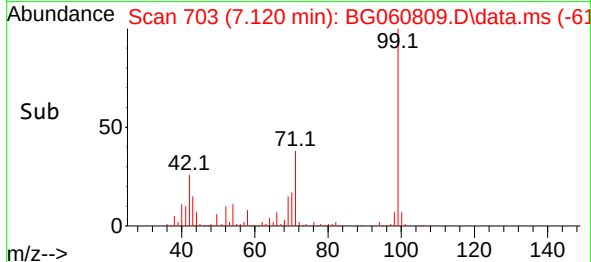
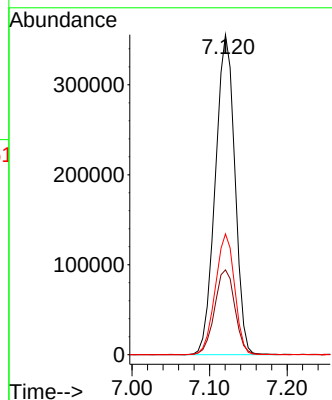
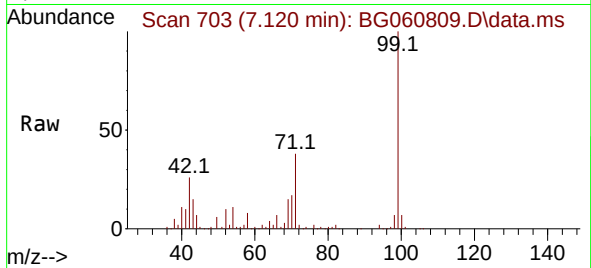
#7
Phenol-d6
Concen: 104.509 ng
RT: 7.120 min Scan# 702
Delta R.T. 0.005 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

Instrument :
BNA_G
ClientSampleId :
280648MSD

Tgt Ion: 99 Resp: 622679
Ion Ratio Lower Upper
99 100
42 26.5 19.4 29.2
71 37.8 28.2 42.2

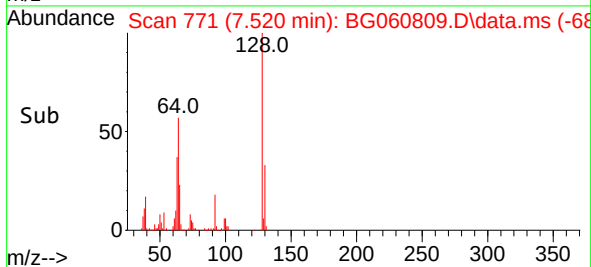
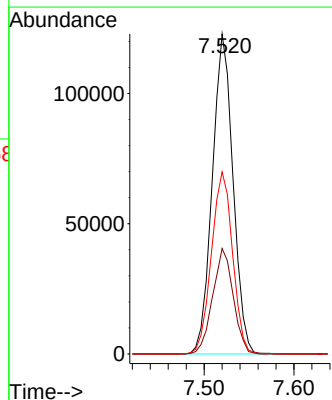
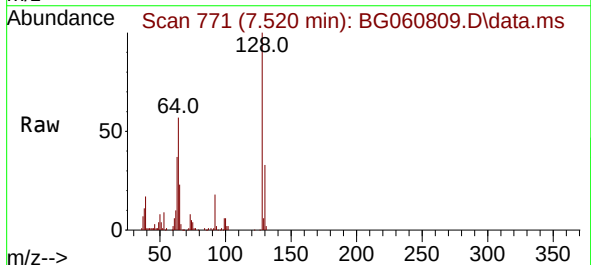
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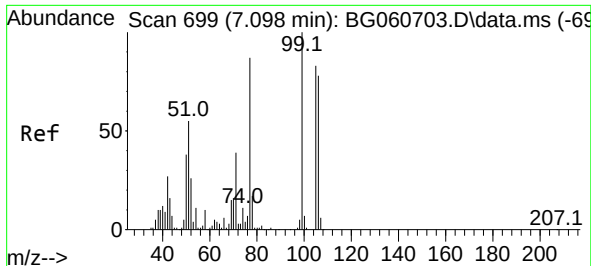
Reviewed By :Yogesh Patel 04/08/2024
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#8
2-Chlorophenol
Concen: 43.186 ng
RT: 7.520 min Scan# 771
Delta R.T. -0.007 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

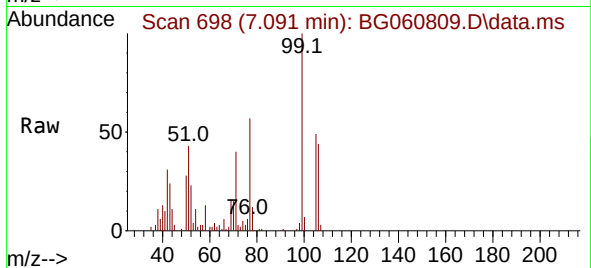
Tgt Ion:128 Resp: 196521
Ion Ratio Lower Upper
128 100
130 33.0 12.3 52.3
64 56.9 35.0 75.0





#9
Benzaldehyde
Concen: 6.083 ng m
RT: 7.091 min Scan# 699
Delta R.T. -0.007 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

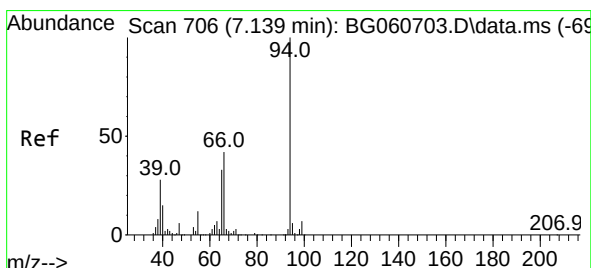
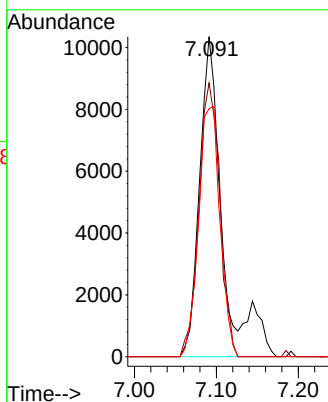
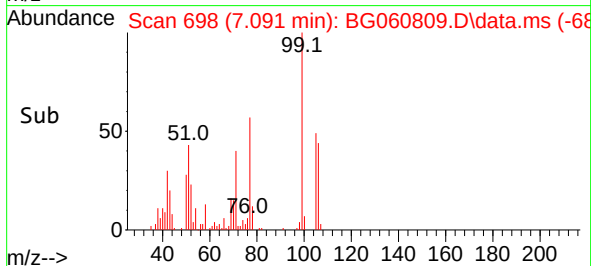
Instrument :
BNA_G
ClientSampleId :
280648MSD



Tgt Ion: 77 Resp: 1998
Ion Ratio Lower Upper
77 100
105 85.6 76.0 116.0
106 77.5 70.3 110.3

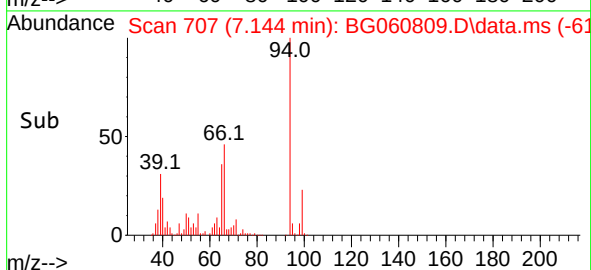
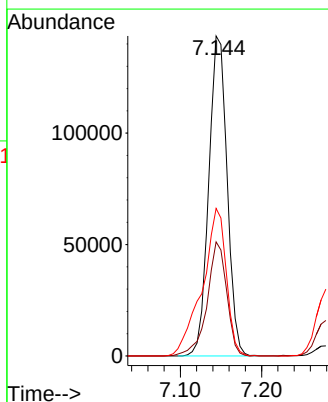
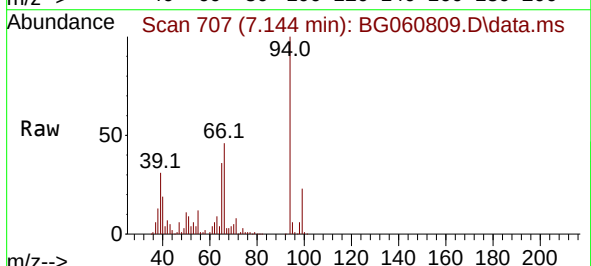
Manual Integrations
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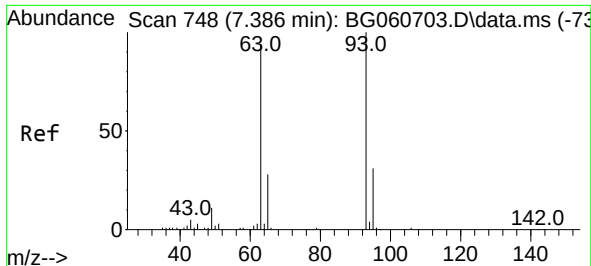
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#10
Phenol
Concen: 37.036 ng
RT: 7.144 min Scan# 707
Delta R.T. 0.005 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

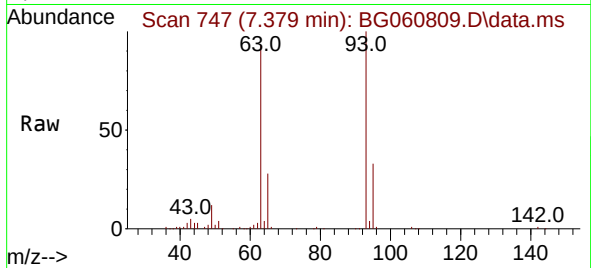
Tgt Ion: 94 Resp: 225200
Ion Ratio Lower Upper
94 100
65 35.6 13.3 53.3
66 46.1 22.9 62.9





#11
bis(2-Chloroethyl)ether
Concen: 37.451 ng
RT: 7.379 min Scan# 748
Delta R.T. -0.007 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

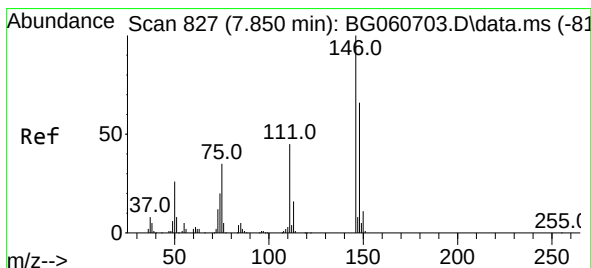
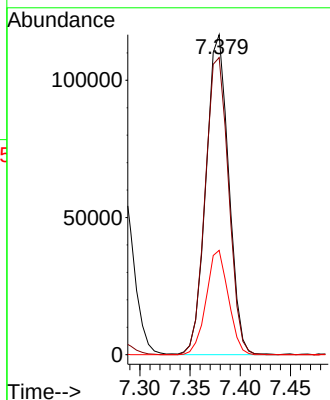
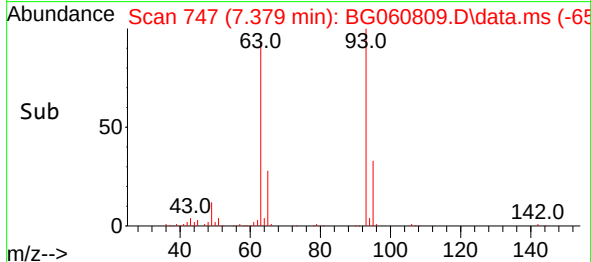
Instrument :
BNA_G
ClientSampleId :
280648MSD



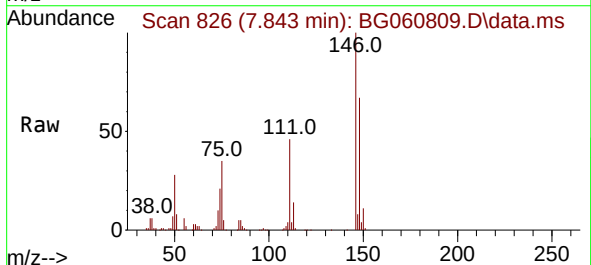
Tgt Ion: 93 Resp: 183859
Ion Ratio Lower Upper
93 100
63 92.9 73.7 113.7
95 32.6 11.2 51.2

Manual Integrations
APPROVED

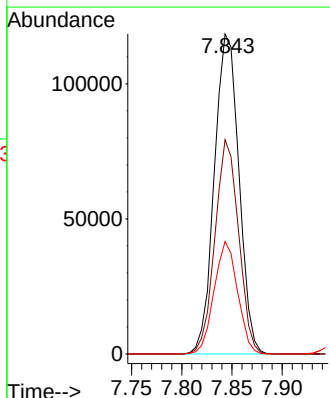
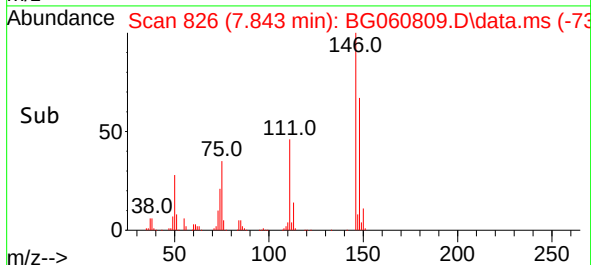
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

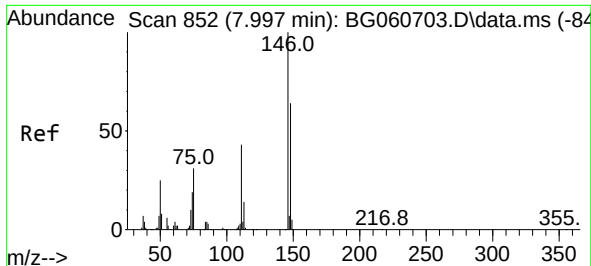


#12
1,3-Dichlorobenzene
Concen: 42.570 ng
RT: 7.843 min Scan# 826
Delta R.T. -0.007 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31



Tgt Ion:146 Resp: 201450
Ion Ratio Lower Upper
146 100
148 67.0 53.0 79.4
75 35.1 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 43.859 ng

RT: 7.990 min Scan# 81

Delta R.T. -0.007 min

Lab File: BG060809.D

Acq: 6 Apr 2024 13:31

Instrument :

BNA_G

ClientSampleId :

280648MSD

Tgt Ion:146 Resp: 21174

Ion Ratio Lower Upper

146 100

148 61.2 51.1 76.7

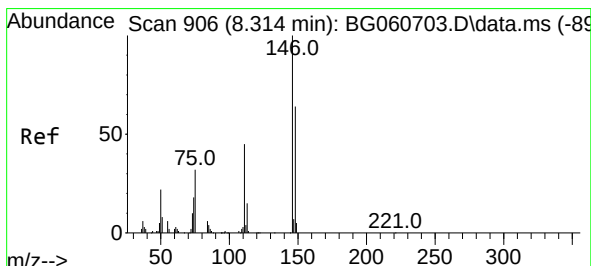
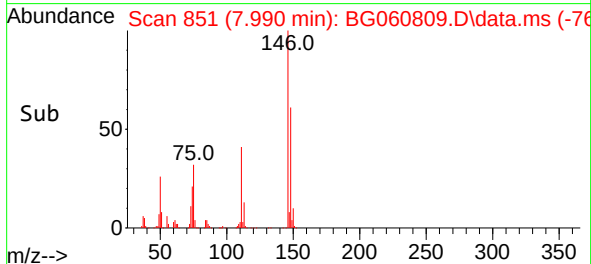
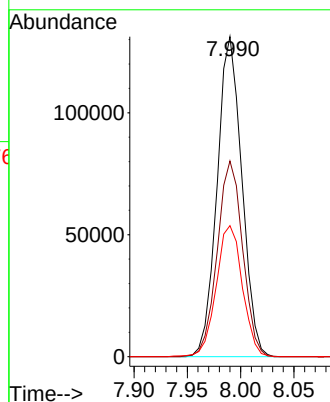
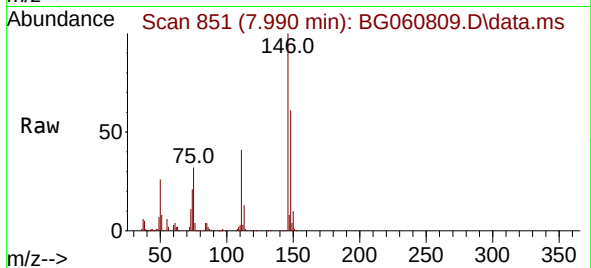
111 41.0 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#14

1,2-Dichlorobenzene

Concen: 43.064 ng

RT: 8.307 min Scan# 905

Delta R.T. -0.007 min

Lab File: BG060809.D

Acq: 6 Apr 2024 13:31

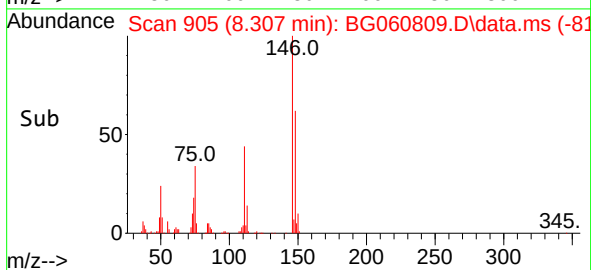
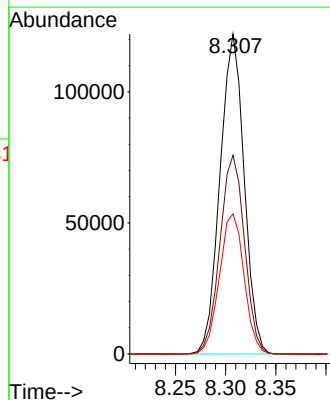
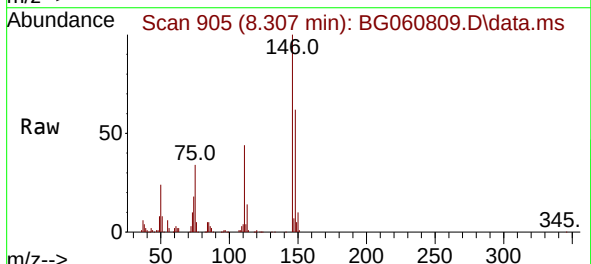
Tgt Ion:146 Resp: 203747

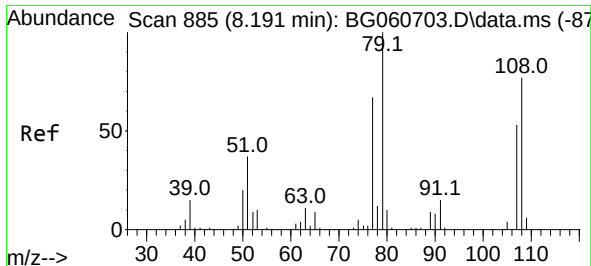
Ion Ratio Lower Upper

146 100

148 62.1 51.0 76.6

111 43.8 36.0 54.0





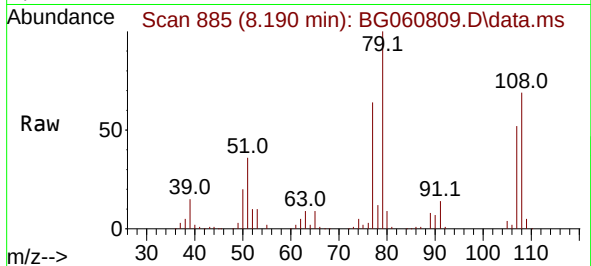
#15
Benzyl Alcohol
Concen: 41.804 ng
RT: 8.190 min Scan# 885
Delta R.T. -0.001 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

Instrument :

BNA_G

ClientSampleId :

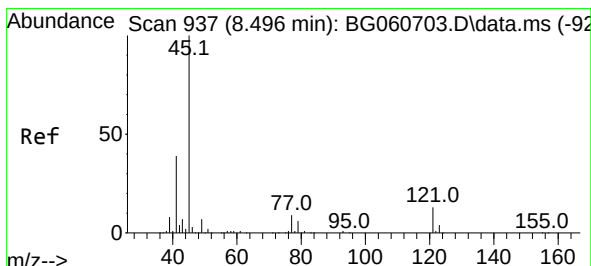
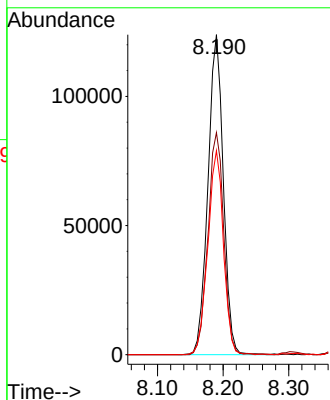
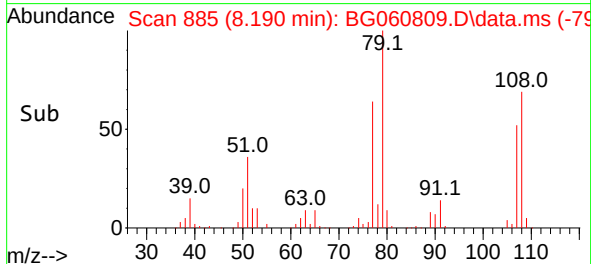
280648MSD



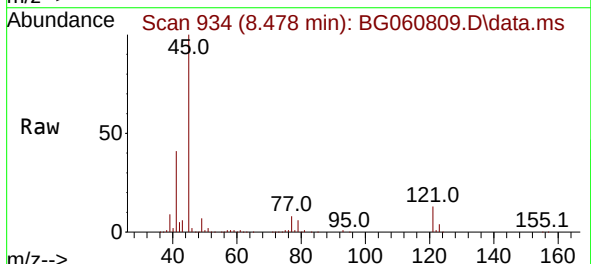
Tgt Ion: 79 Resp: 201758
Ion Ratio Lower Upper
79 100
108 69.4 61.4 92.0
77 63.7 53.6 80.4

Manual Integrations
APPROVED

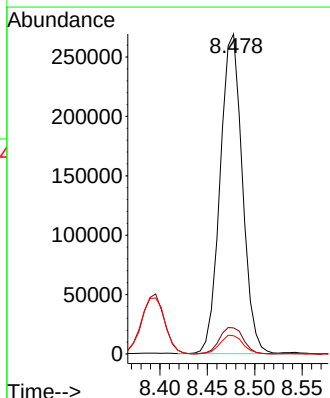
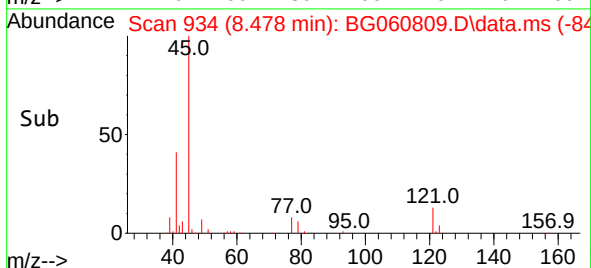
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

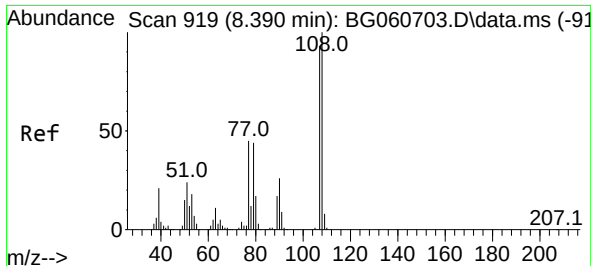


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.630 ng
RT: 8.478 min Scan# 934
Delta R.T. -0.018 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31



Tgt Ion: 45 Resp: 439067
Ion Ratio Lower Upper
45 100
77 8.1 0.0 29.1
79 5.7 0.0 26.5





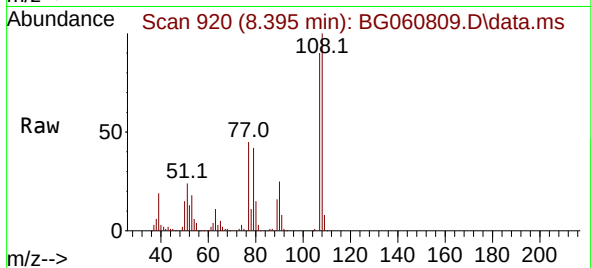
#17
2-Methylphenol
Concen: 37.417 ng
RT: 8.395 min Scan# 919
Delta R.T. 0.005 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

Instrument :

BNA_G

ClientSampleId :

280648MSD



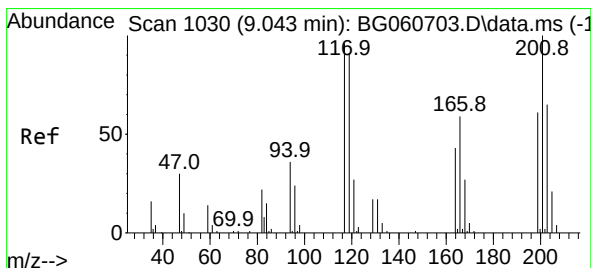
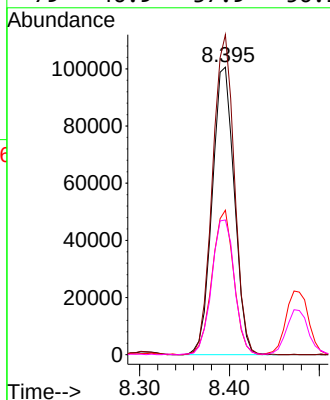
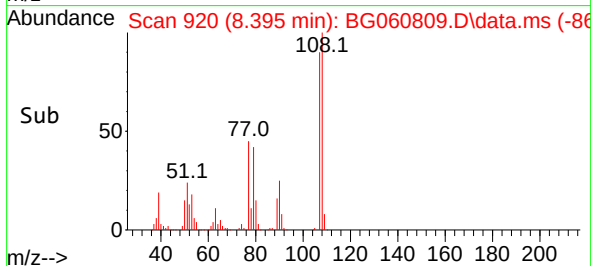
Tgt Ion:107 Resp: 171759
Ion Ratio Lower Upper
107 100
108 111.3 86.4 129.6
77 50.2 38.6 58.0
79 46.9 37.9 56.9

Manual Integrations

APPROVED

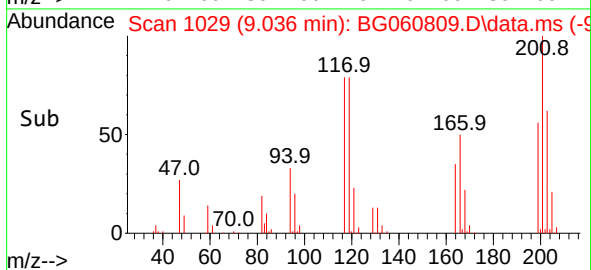
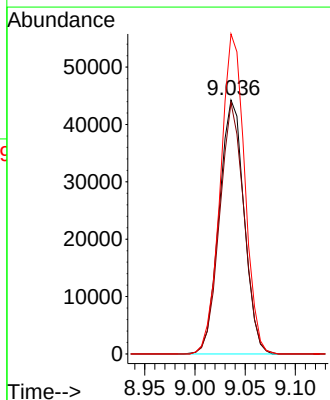
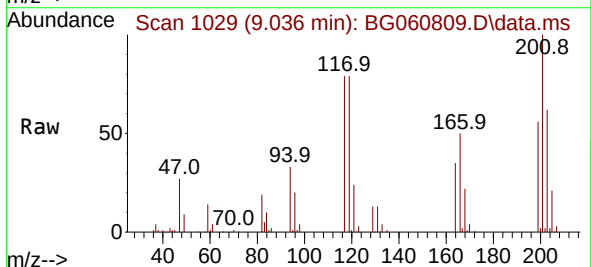
Reviewed By :Yogesh Patel 04/08/2024

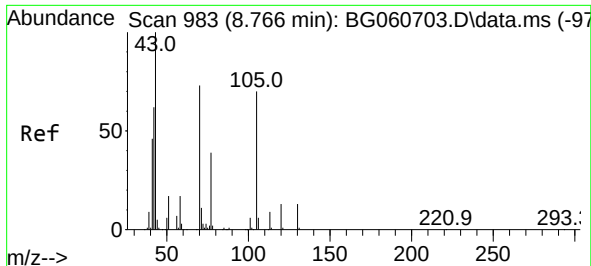
Supervised By :mohammad ahmed 04/08/2024



#18
Hexachloroethane
Concen: 44.503 ng
RT: 9.036 min Scan# 1029
Delta R.T. -0.007 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

Tgt Ion:117 Resp: 76309
Ion Ratio Lower Upper
117 100
119 99.0 75.7 113.5
201 126.0 83.4 125.2#





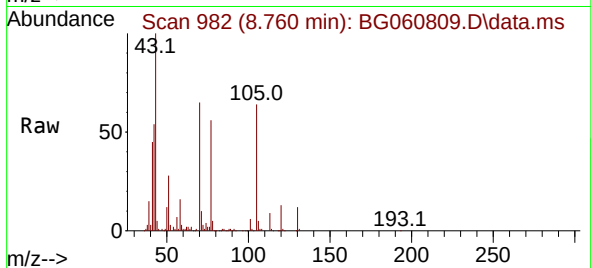
#19
n-Nitroso-di-n-propylamine
Concen: 35.909 ng
RT: 8.760 min Scan# 983
Delta R.T. -0.006 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

Instrument :

BNA_G

ClientSampleId :

280648MSD



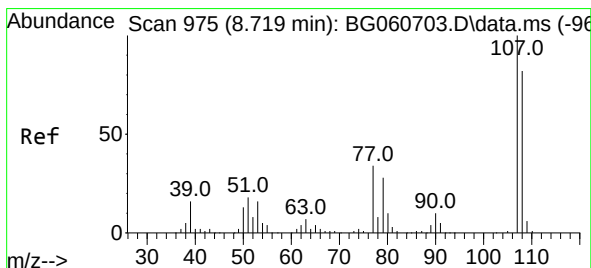
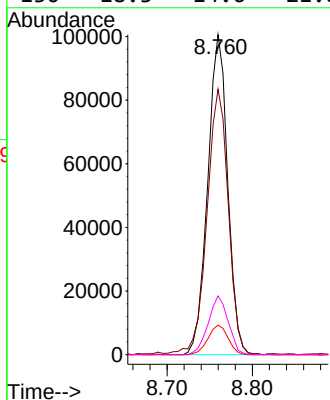
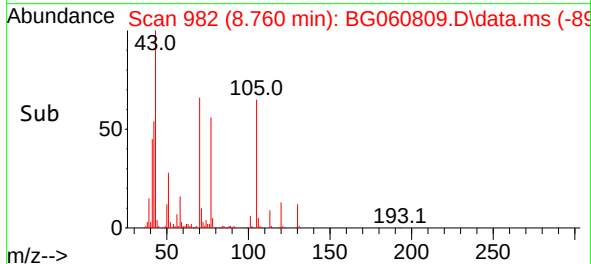
Tgt Ion: 70 Resp: 16315
Ion Ratio Lower Upper
70 100
42 82.9 68.4 102.6
101 9.3 6.1 9.1
130 18.3 14.6 21.8

Manual Integrations

APPROVED

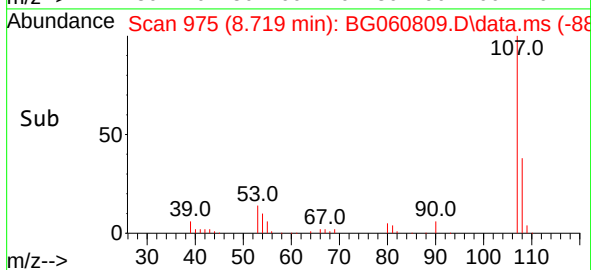
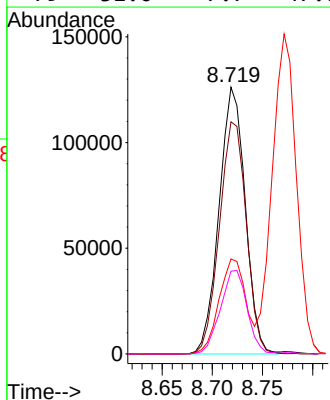
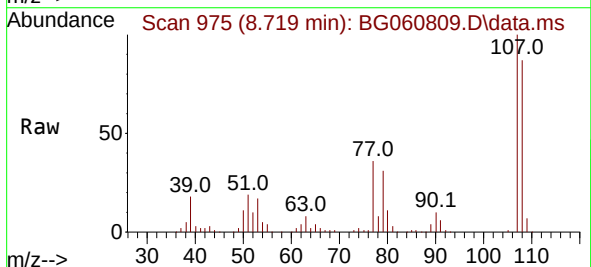
Reviewed By :Yogesh Patel 04/08/2024

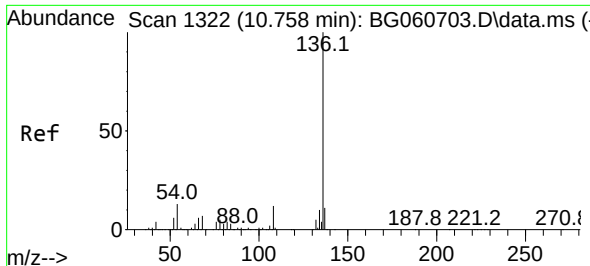
Supervised By :mohammad ahmed 04/08/2024



#20
3+4-Methylphenols
Concen: 36.384 ng
RT: 8.719 min Scan# 975
Delta R.T. -0.001 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

Tgt Ion:107 Resp: 228709
Ion Ratio Lower Upper
107 100
108 87.1 62.2 102.2
77 35.7 14.1 54.1
79 31.0 7.7 47.7





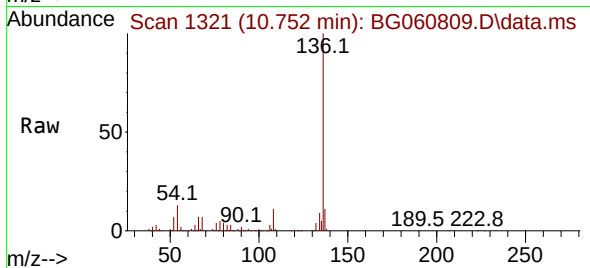
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

Instrument :

BNA_G

ClientSampleId :

280648MSD



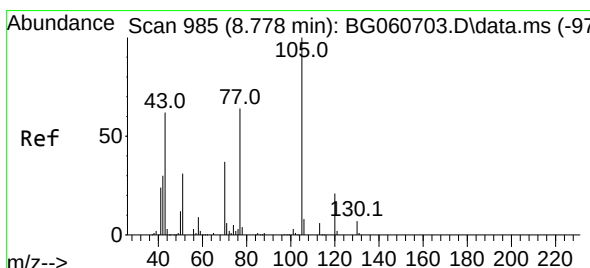
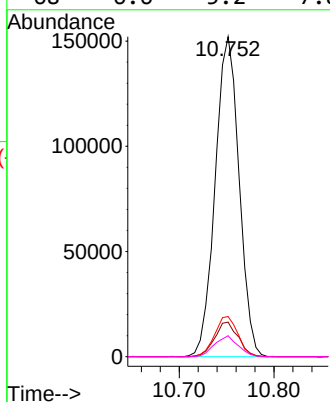
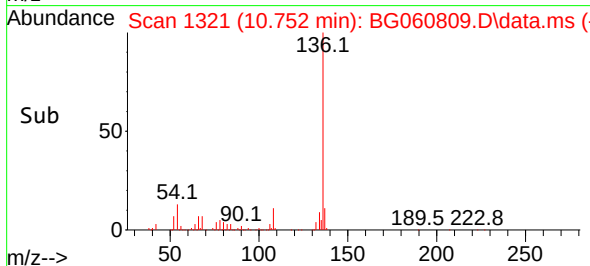
Tgt Ion:136 Resp: 266629
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 12.6 10.2 15.2
68 6.6 5.2 7.8

Manual Integrations

APPROVED

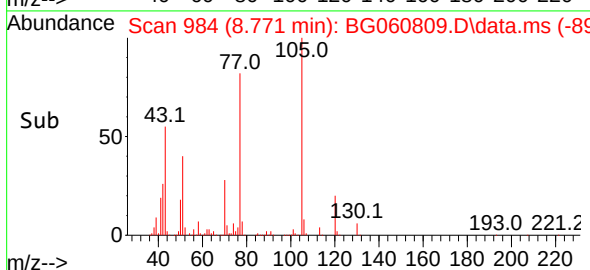
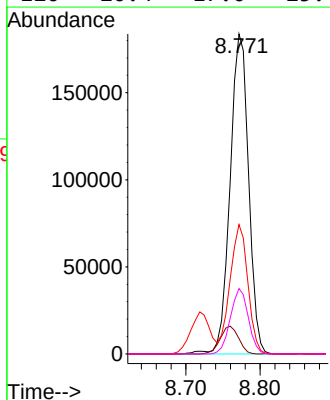
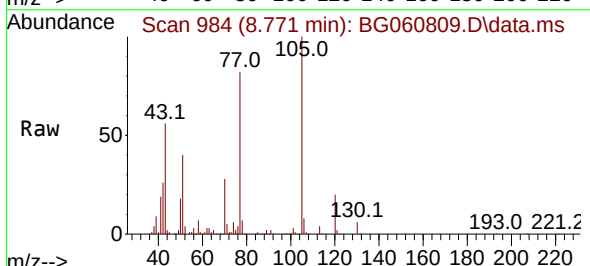
Reviewed By :Yogesh Patel 04/08/2024

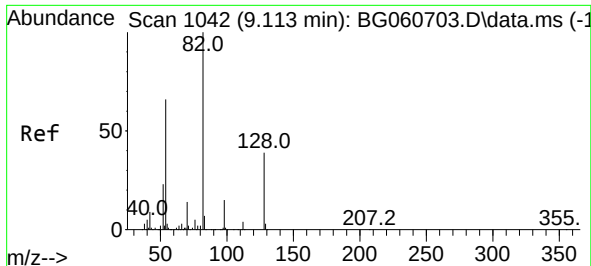
Supervised By :mohammad ahmed 04/08/2024



#22
Acetophenone
Concen: 43.256 ng
RT: 8.771 min Scan# 984
Delta R.T. -0.007 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

Tgt Ion:105 Resp: 318013
Ion Ratio Lower Upper
105 100
71 4.8 4.9 7.3#
51 40.5 31.1 46.7
120 20.4 17.0 25.4





#23

Nitrobenzene-d5

Concen: 102.671 ng

RT: 9.112 min Scan# 1042

Delta R.T. -0.001 min

Lab File: BG060809.D

Acq: 6 Apr 2024 13:31

Instrument :

BNA_G

ClientSampleId :

280648MSD

Tgt Ion: 82 Resp: 479744

Ion Ratio Lower Upper

82 100

128 39.4 31.2 46.8

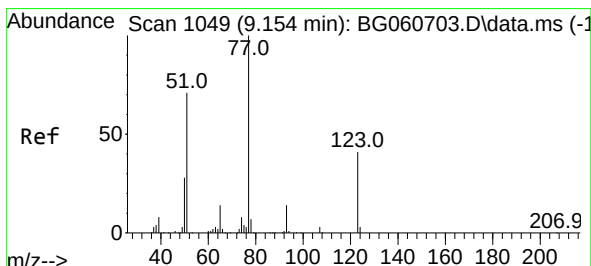
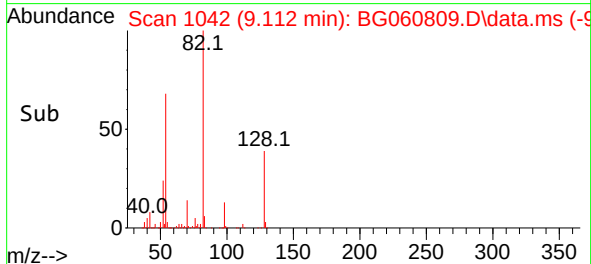
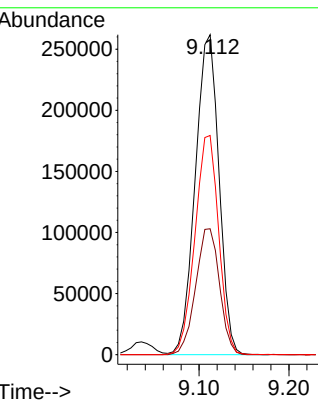
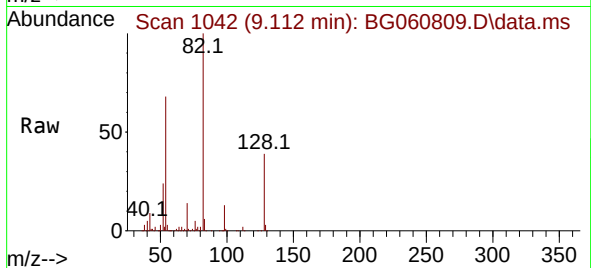
54 68.5 53.2 79.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#24

Nitrobenzene

Concen: 45.979 ng

RT: 9.148 min Scan# 1048

Delta R.T. -0.006 min

Lab File: BG060809.D

Acq: 6 Apr 2024 13:31

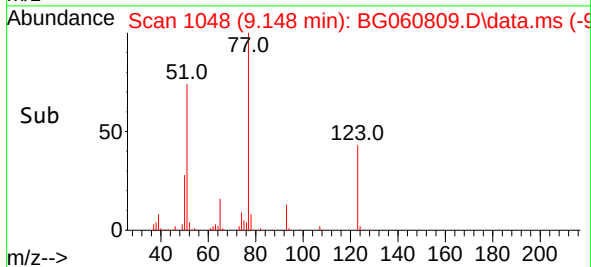
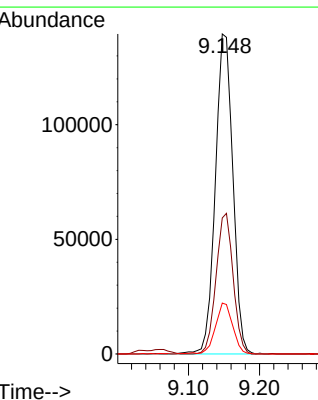
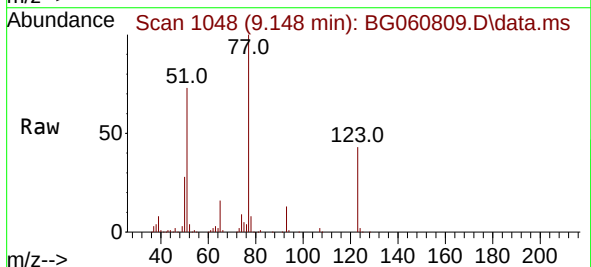
Tgt Ion: 77 Resp: 238502

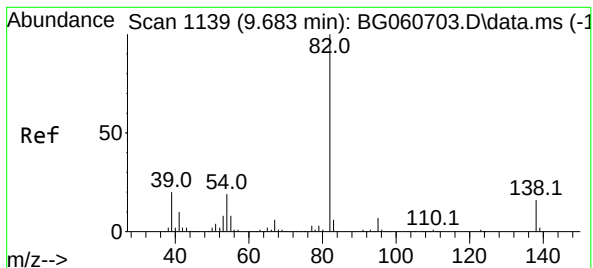
Ion Ratio Lower Upper

77 100

123 42.5 32.7 49.1

65 15.9 11.3 16.9





#25

Isophorone

Concen: 40.724 ng

RT: 9.676 min Scan# 1138

Delta R.T. -0.007 min

Lab File: BG060809.D

Acq: 6 Apr 2024 13:31

Instrument :

BNA_G

ClientSampleId :

280648MSD

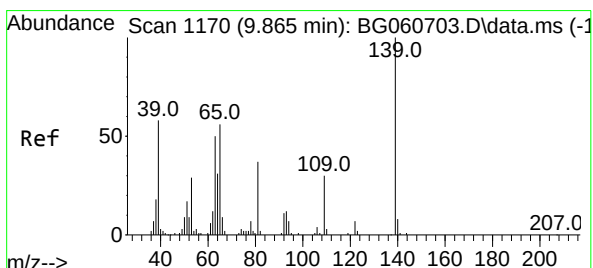
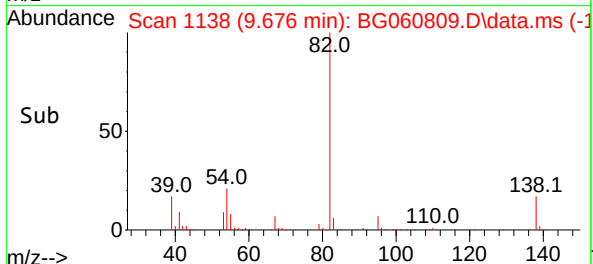
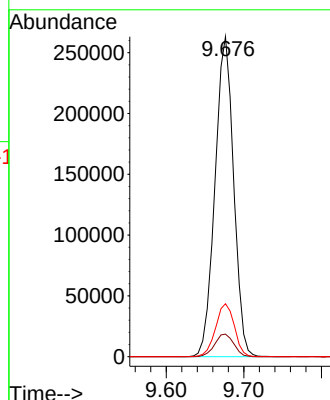
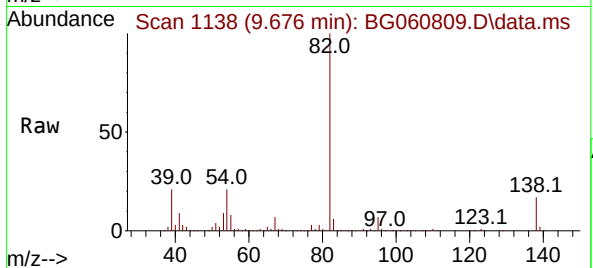
Tgt Ion:	82	Resp:	43828
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.8
138	16.5	13.0	19.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#26

2-Nitrophenol

Concen: 55.394 ng

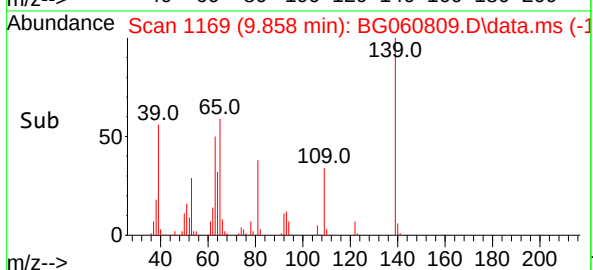
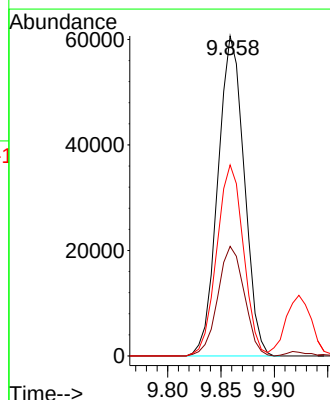
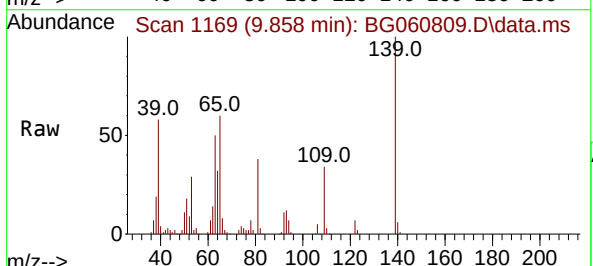
RT: 9.858 min Scan# 1169

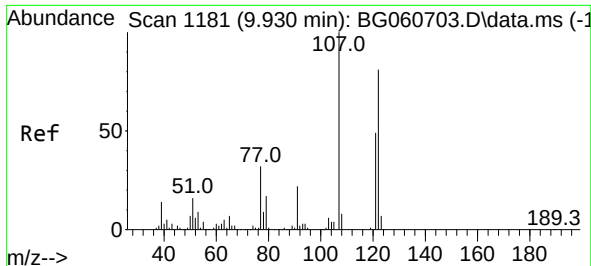
Delta R.T. -0.007 min

Lab File: BG060809.D

Acq: 6 Apr 2024 13:31

Tgt Ion:	139	Resp:	104107
Ion	Ratio	Lower	Upper
139	100		
109	34.3	23.9	35.9
65	59.7	44.5	66.7





#27

2,4-Dimethylphenol

Concen: 34.610 ng

RT: 9.923 min Scan# 1181

Delta R.T. -0.007 min

Lab File: BG060809.D

Acq: 6 Apr 2024 13:31

Instrument :

BNA_G

ClientSampleId :

280648MSD

Tgt Ion:122 Resp: 149620

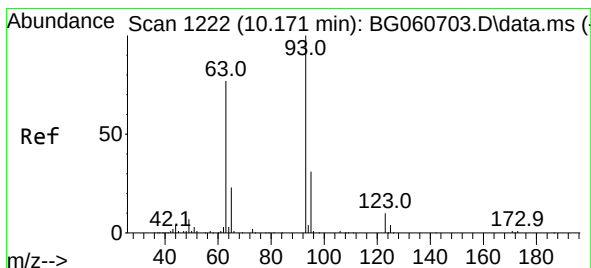
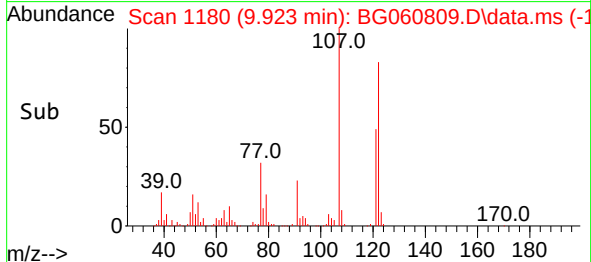
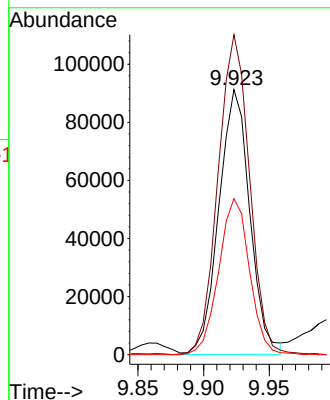
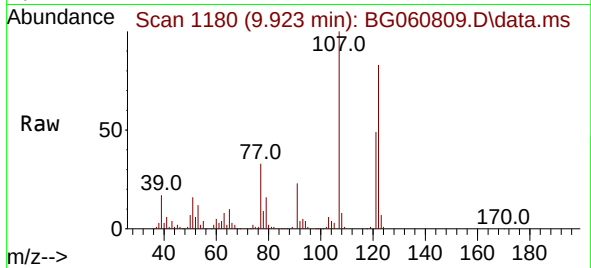
Ion	Ratio	Lower	Upper
122	100		
107	120.7	98.6	147.8
121	58.9	48.1	72.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#28

bis(2-Chloroethoxy)methane

Concen: 40.403 ng

RT: 10.158 min Scan# 1220

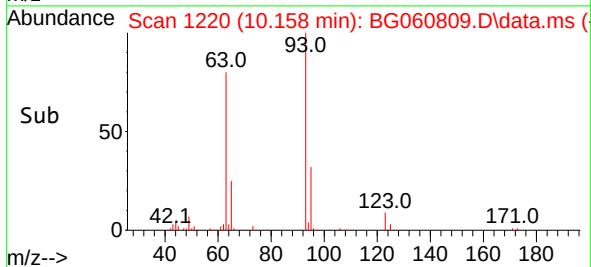
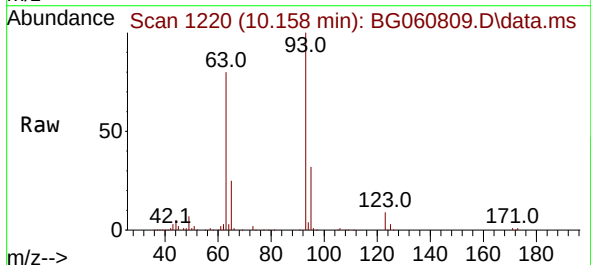
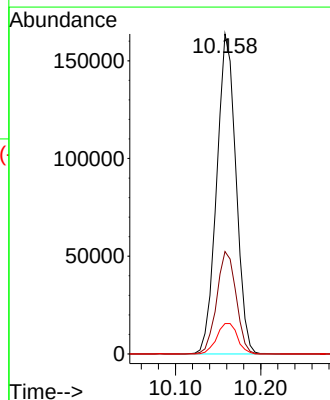
Delta R.T. -0.013 min

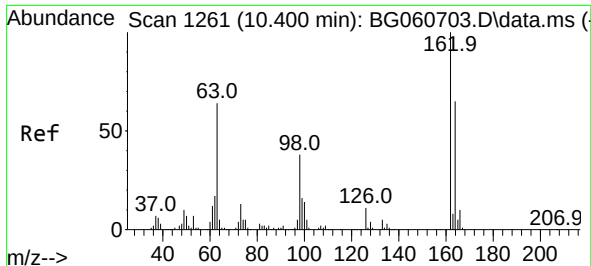
Lab File: BG060809.D

Acq: 6 Apr 2024 13:31

Tgt Ion: 93 Resp: 256718

Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.1	37.7
123	9.5	8.0	12.0





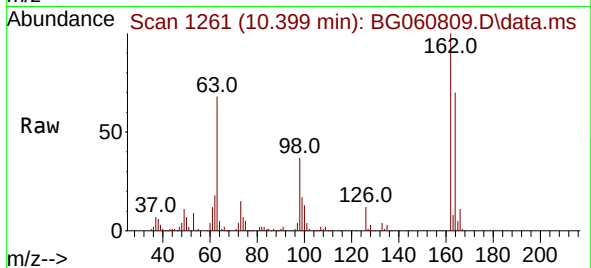
#29
2,4-Dichlorophenol
Concen: 49.548 ng
RT: 10.399 min Scan# 1261
Delta R.T. -0.001 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

Instrument :

BNA_G

ClientSampleId :

280648MSD

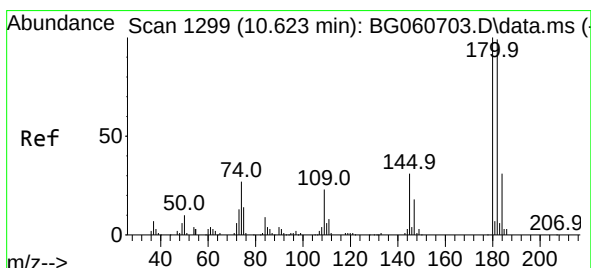
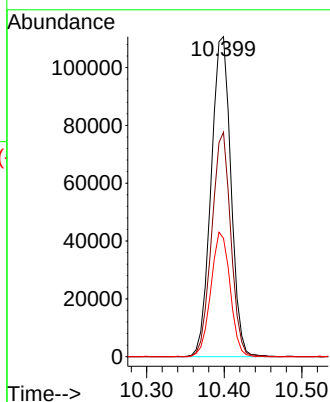
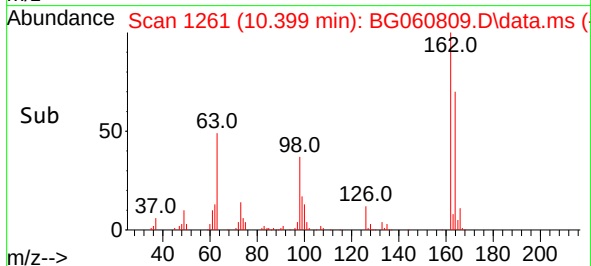


Tgt Ion:162 Resp: 19670
Ion Ratio Lower Upper
162 100
164 70.2 45.2 85.2
98 37.0 17.7 57.7

Manual Integrations

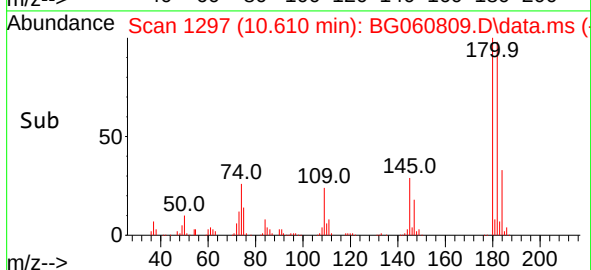
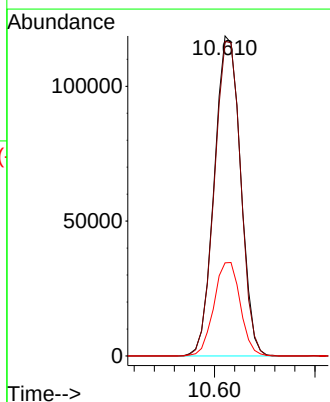
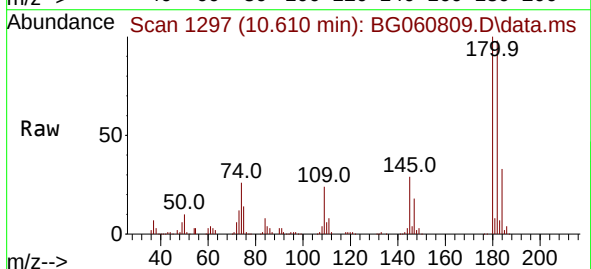
APPROVED

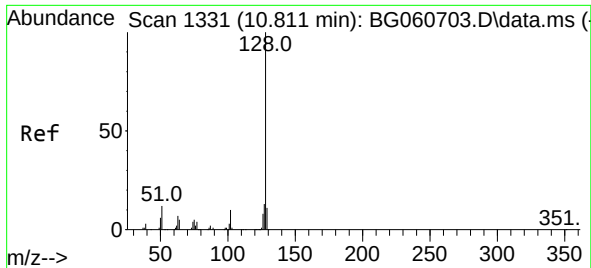
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#30
1,2,4-Trichlorobenzene
Concen: 47.796 ng
RT: 10.610 min Scan# 1297
Delta R.T. -0.013 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

Tgt Ion:180 Resp: 214862
Ion Ratio Lower Upper
180 100
182 98.3 79.0 118.4
145 29.1 24.9 37.3





#31
Naphthalene
Concen: 43.191 ng
RT: 10.799 min Scan# 1193
Delta R.T. -0.013 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

Instrument :

BNA_G

ClientSampleId :

280648MSD

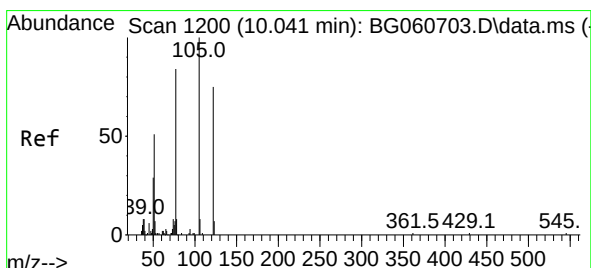
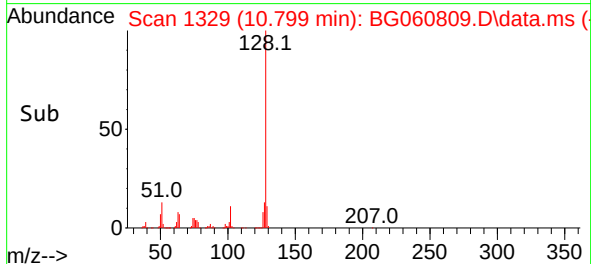
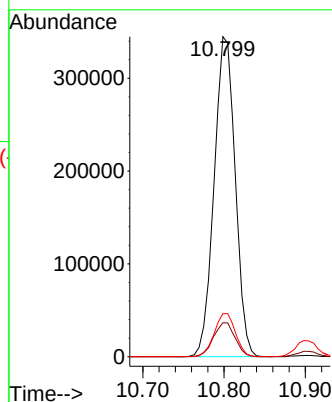
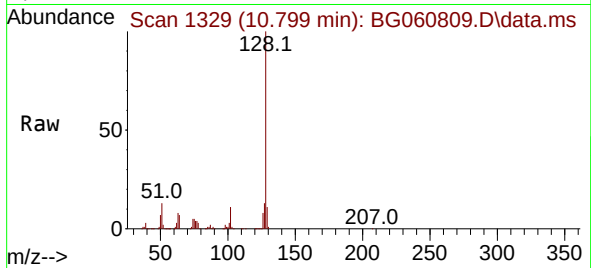
Tgt Ion:128 Resp: 62294
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 13.5 10.5 15.7

Manual Integrations

APPROVED

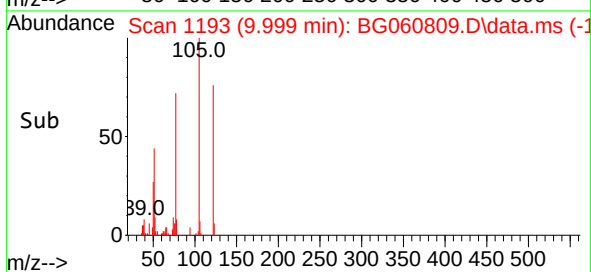
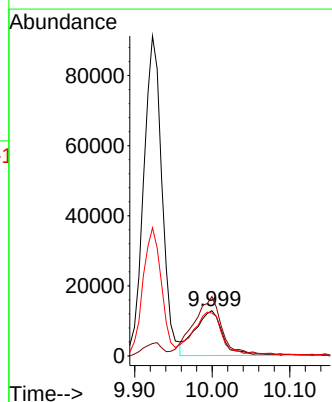
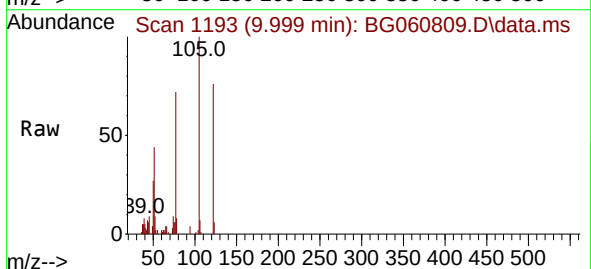
Reviewed By :Yogesh Patel 04/08/2024

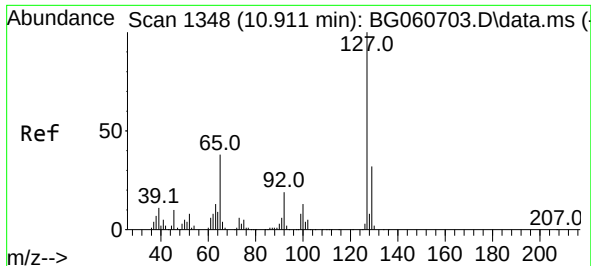
Supervised By :mohammad ahmed 04/08/2024



#32
Benzoic acid
Concen: 16.326 ng
RT: 9.999 min Scan# 1193
Delta R.T. -0.042 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

Tgt Ion:122 Resp: 31831
Ion Ratio Lower Upper
122 100
105 131.0 104.5 144.5
77 94.8 85.3 125.3





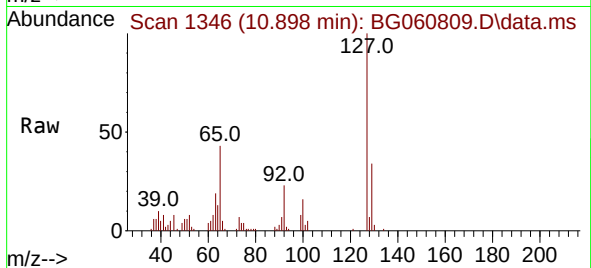
#33
4-Chloroaniline
Concen: 5.022 ng
RT: 10.898 min Scan# 1346
Delta R.T. -0.013 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

Instrument :

BNA_G

ClientSampleId :

280648MSD



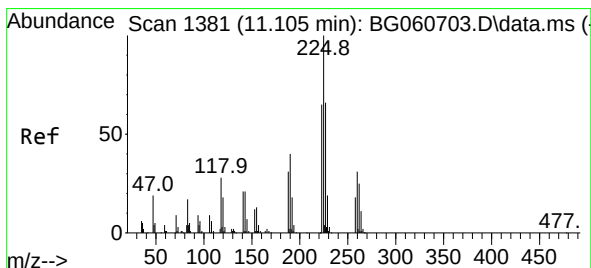
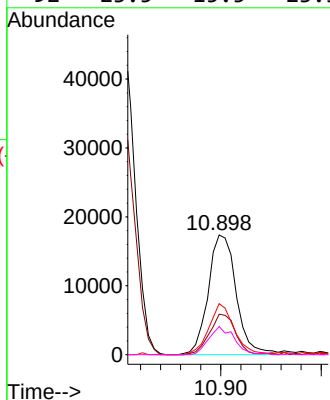
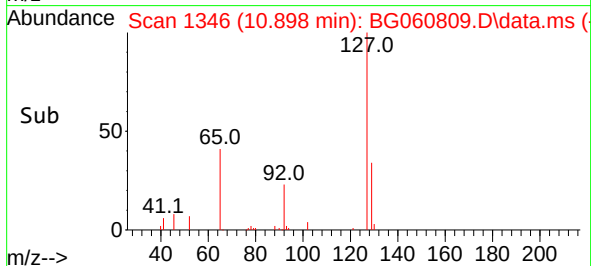
Tgt Ion:127 Resp: 33640
Ion Ratio Lower Upper
127 100
129 33.8 25.3 37.9
65 42.6 30.2 45.2
92 23.5 15.5 23.3#

Manual Integrations

APPROVED

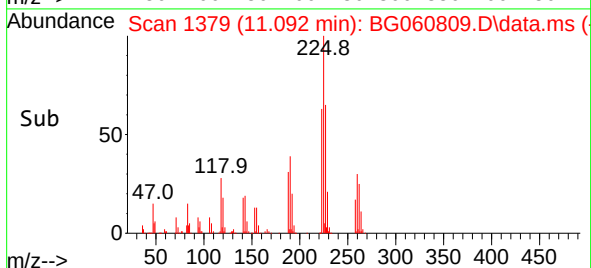
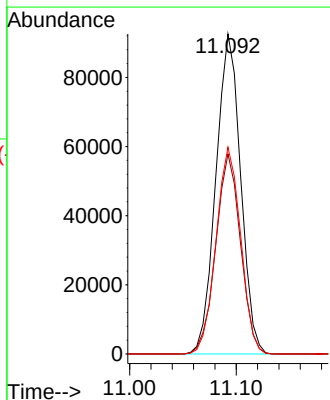
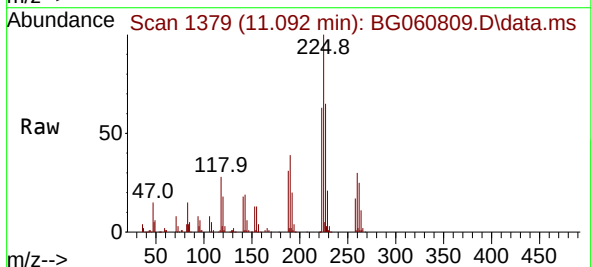
Reviewed By :Yogesh Patel 04/08/2024

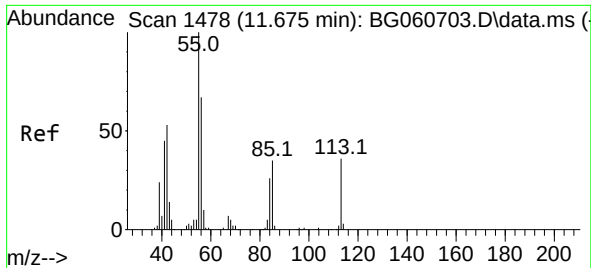
Supervised By :mohammad ahmed 04/08/2024



#34
Hexachlorobutadiene
Concen: 49.729 ng
RT: 11.092 min Scan# 1379
Delta R.T. -0.013 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

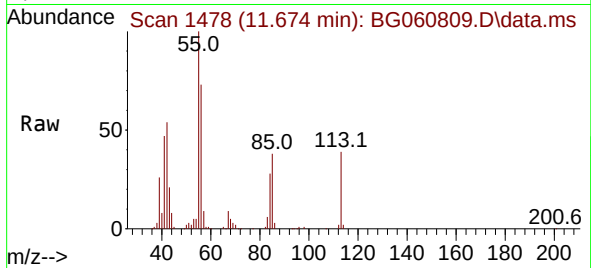
Tgt Ion:225 Resp: 148988
Ion Ratio Lower Upper
225 100
223 62.5 52.0 78.0
227 64.6 52.5 78.7





#35
 Caprolactam
 Concen: 34.547 ng m
 RT: 11.674 min Scan# 1478
 Delta R.T. -0.001 min
 Lab File: BG060809.D
 Acq: 6 Apr 2024 13:31

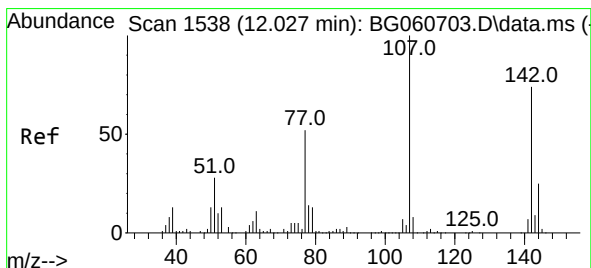
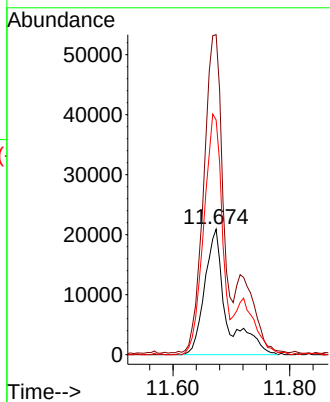
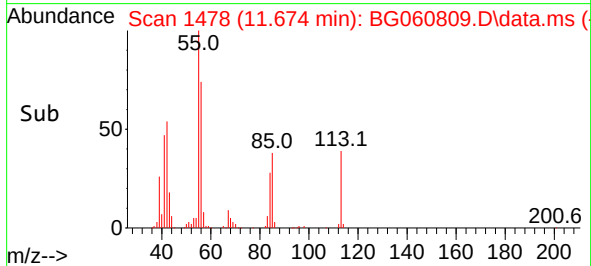
Instrument :
 BNA_G
 ClientSampleId :
 280648MSD



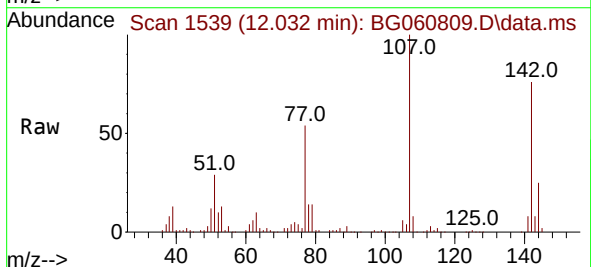
Tgt Ion:113 Resp: 54320
 Ion Ratio Lower Upper
 113 100
 55 255.0 258.0 298.0
 56 187.0 166.3 206.3

Manual Integrations
 APPROVED

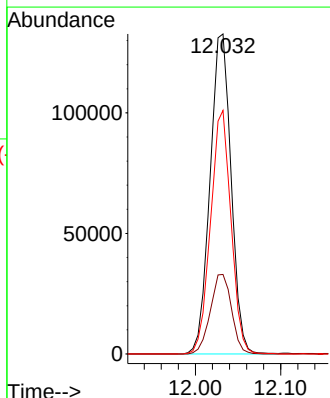
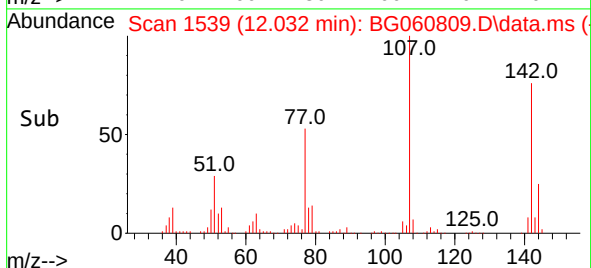
Reviewed By :Yogesh Patel 04/08/2024
 Supervised By :mohammad ahmed 04/08/2024

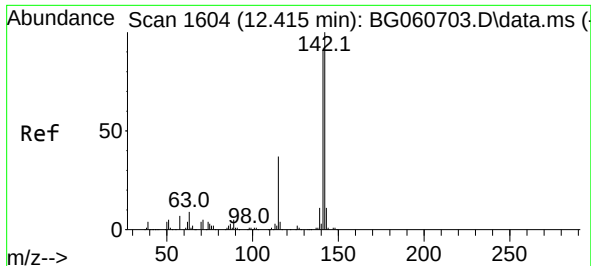


#36
 4-Chloro-3-methylphenol
 Concen: 44.900 ng
 RT: 12.032 min Scan# 1539
 Delta R.T. 0.005 min
 Lab File: BG060809.D
 Acq: 6 Apr 2024 13:31



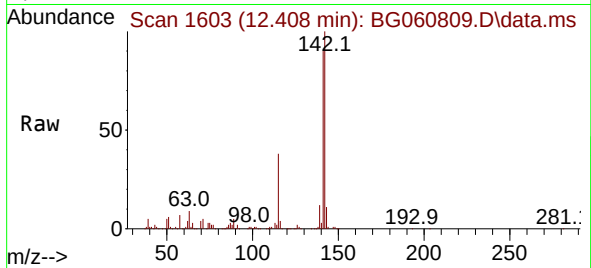
Tgt Ion:107 Resp: 227710
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.0 30.0
 142 76.1 59.2 88.8





#37
2-Methylnaphthalene
Concen: 41.010 ng
RT: 12.408 min Scan# 1603
Delta R.T. -0.007 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

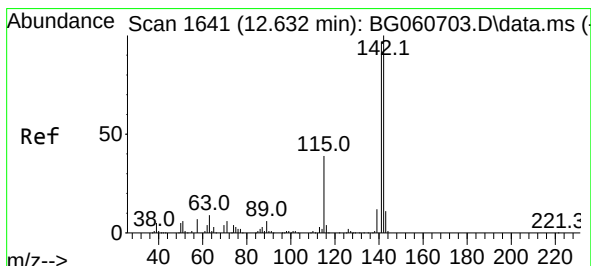
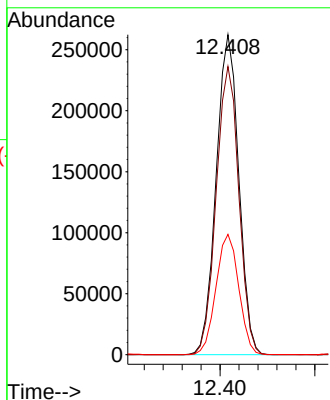
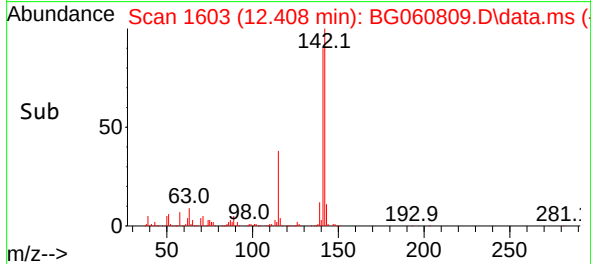
Instrument :
BNA_G
ClientSampleId :
280648MSD



Tgt Ion:142 Resp: 43486
Ion Ratio Lower Upper
142 100
141 90.0 72.7 109.1
115 37.6 29.9 44.9

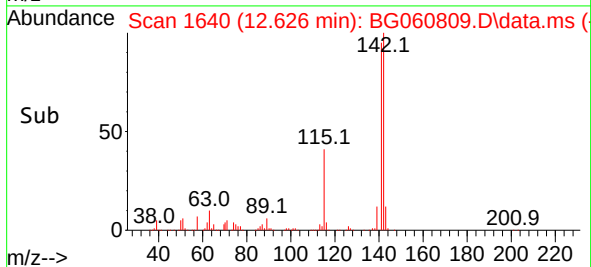
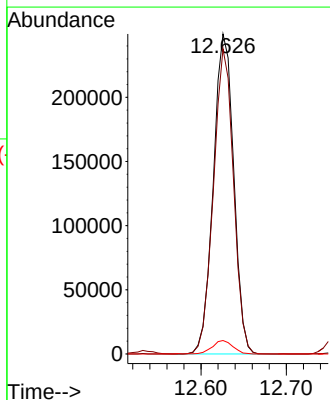
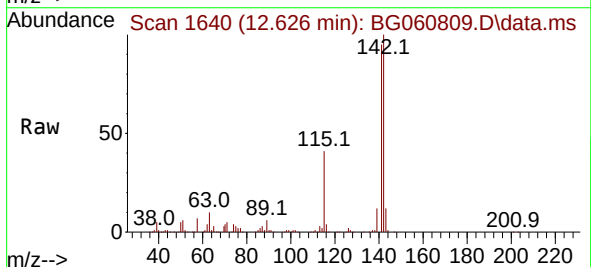
Manual Integrations
APPROVED

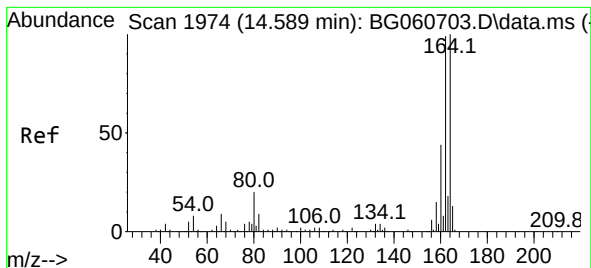
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#38
1-Methylnaphthalene
Concen: 41.292 ng
RT: 12.626 min Scan# 1640
Delta R.T. -0.007 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

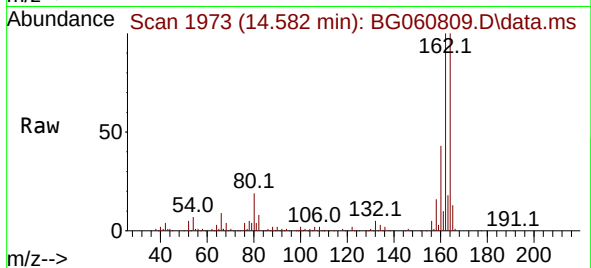
Tgt Ion:142 Resp: 413637
Ion Ratio Lower Upper
142 100
141 95.4 77.7 116.5
116 4.2 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.582 min Scan# 1973
Delta R.T. -0.007 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

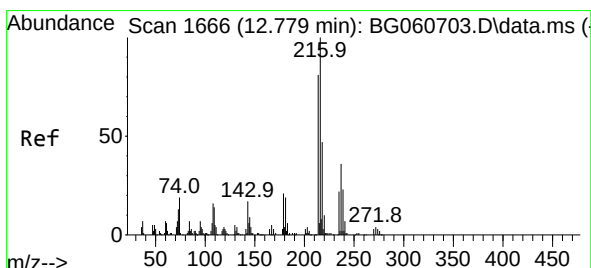
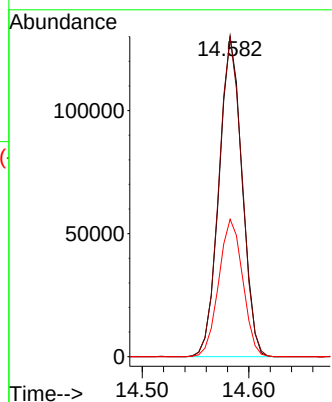
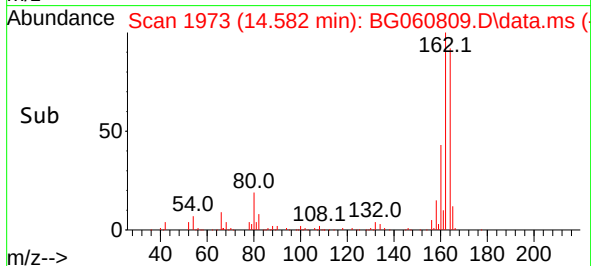
Instrument :
BNA_G
ClientSampleId :
280648MSD



Tgt Ion:164 Resp: 19456
Ion Ratio Lower Upper
164 100
162 99.9 79.5 119.3
160 43.0 35.4 53.0

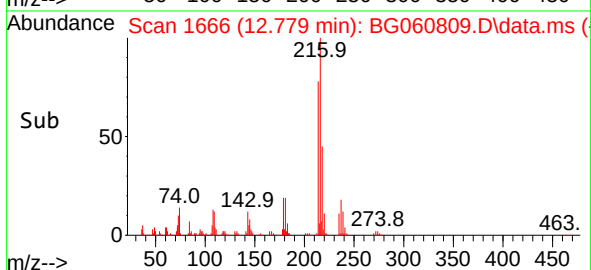
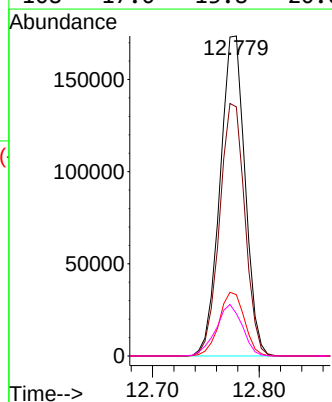
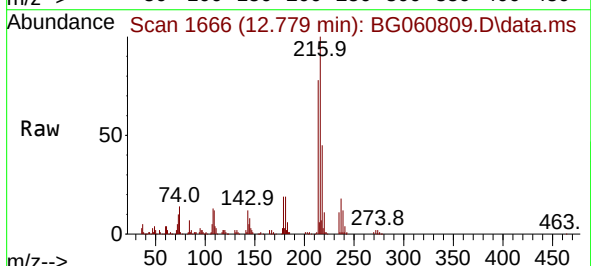
Manual Integrations
APPROVED

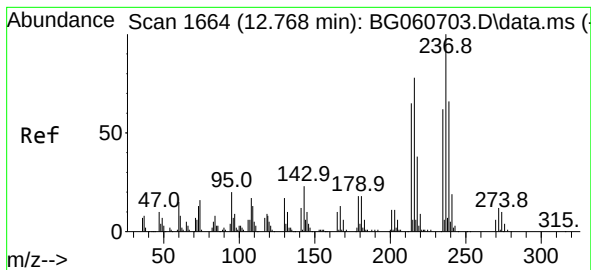
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.609 ng
RT: 12.779 min Scan# 1666
Delta R.T. -0.001 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

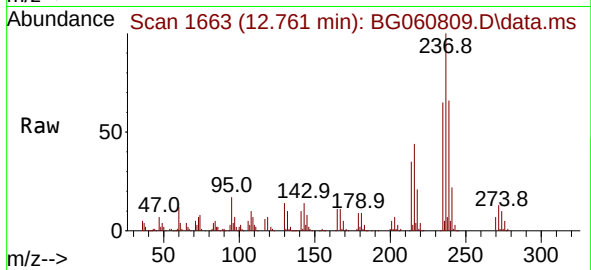
Tgt Ion:216 Resp: 283081
Ion Ratio Lower Upper
216 100
214 79.5 63.1 94.7
179 20.2 16.7 25.1
108 17.0 13.8 20.6





#41
Hexachlorocyclopentadiene
Concen: 89.820 ng
RT: 12.761 min Scan# 1663
Delta R.T. -0.007 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

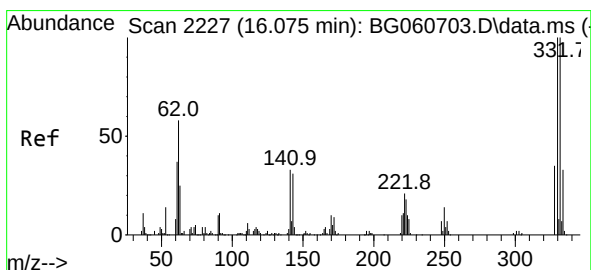
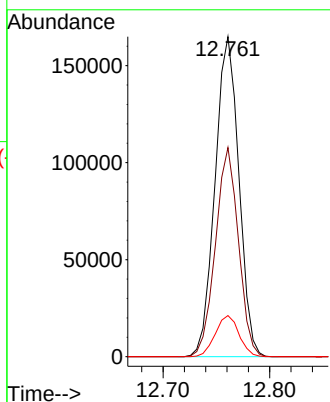
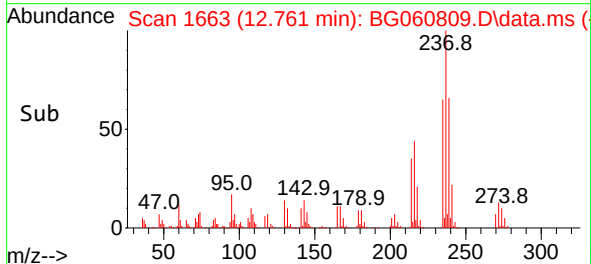
Instrument :
BNA_G
ClientSampleId :
280648MSD



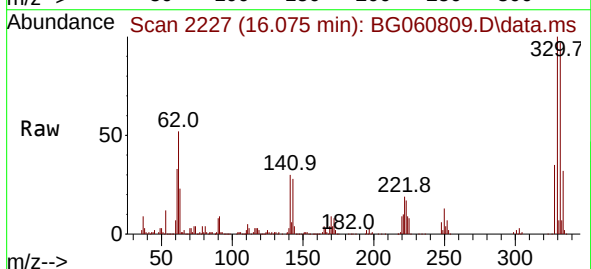
Tgt Ion:237 Resp: 255462
Ion Ratio Lower Upper
237 100
235 65.4 42.0 82.0
272 12.9 0.0 32.4

Manual Integrations
APPROVED

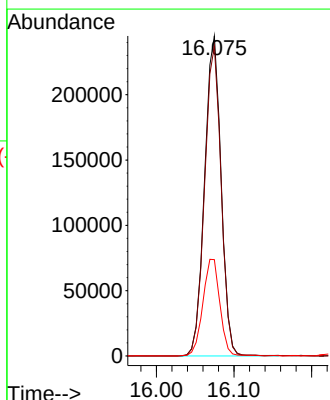
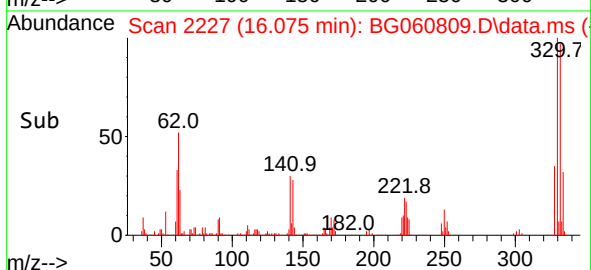
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

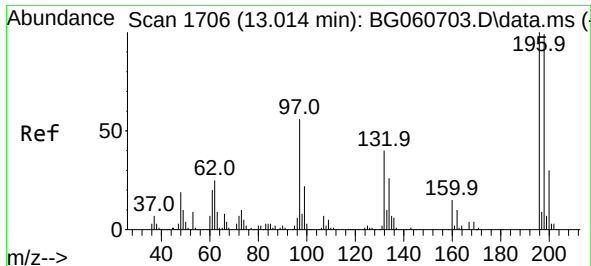


#42
2,4,6-Tribromophenol
Concen: 163.795 ng
RT: 16.075 min Scan# 2227
Delta R.T. -0.001 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31



Tgt Ion:330 Resp: 361759
Ion Ratio Lower Upper
330 100
332 96.9 78.2 117.4
141 31.2 27.0 40.6





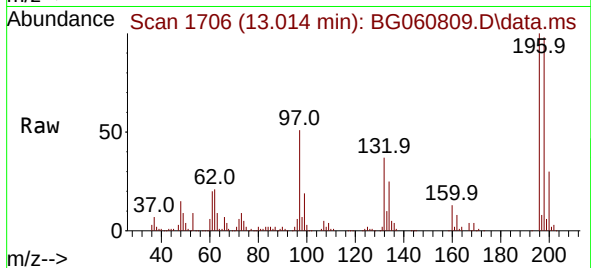
#43
2,4,6-Trichlorophenol
Concen: 54.723 ng
RT: 13.014 min Scan# 1706
Delta R.T. -0.001 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

Instrument :

BNA_G

ClientSampleId :

280648MSD



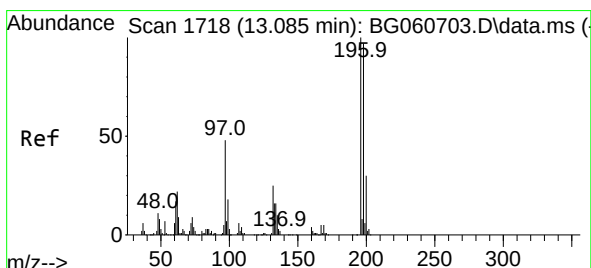
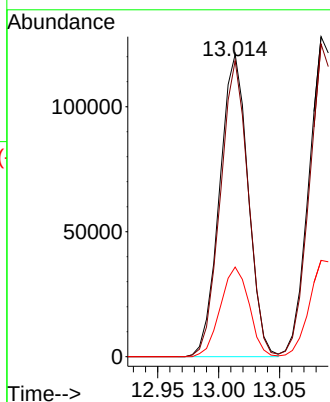
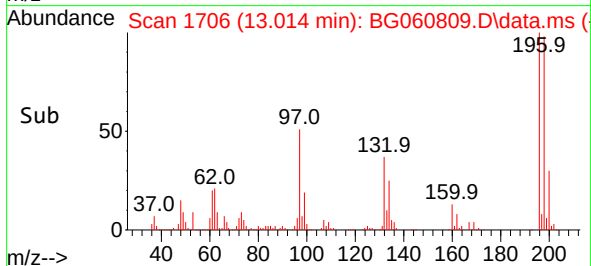
Tgt Ion:196 Resp: 197099
Ion Ratio Lower Upper
196 100
198 97.9 79.1 118.7
200 29.6 24.0 36.0

Manual Integrations

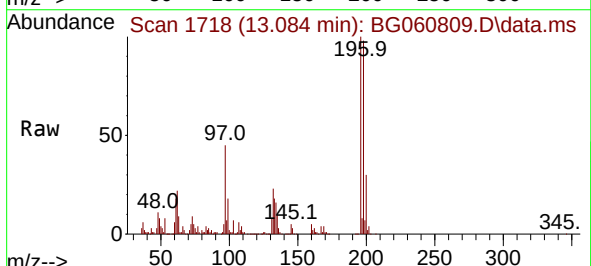
APPROVED

Reviewed By :Yogesh Patel 04/08/2024

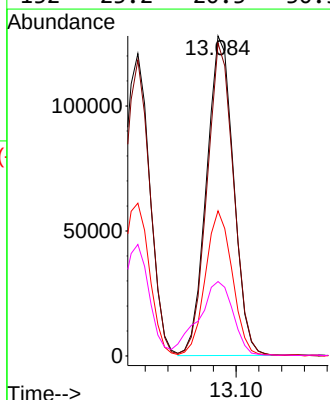
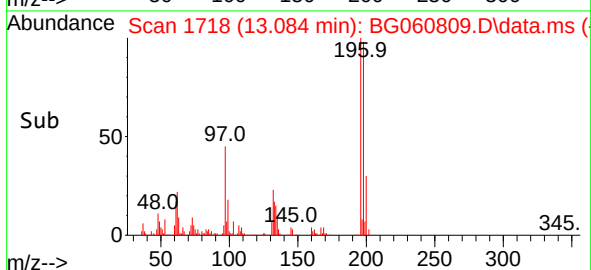
Supervised By :mohammad ahmed 04/08/2024

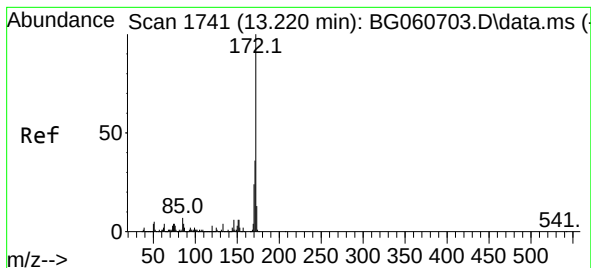


#44
2,4,5-Trichlorophenol
Concen: 49.147 ng
RT: 13.084 min Scan# 1718
Delta R.T. -0.001 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31



Tgt Ion:196 Resp: 211247
Ion Ratio Lower Upper
196 100
198 97.7 77.8 116.8
97 45.3 38.2 57.4
132 23.2 20.3 30.5





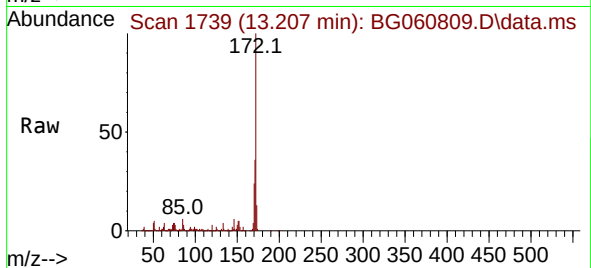
#45
2-Fluorobiphenyl
Concen: 89.955 ng
RT: 13.207 min Scan# 1739
Delta R.T. -0.013 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

Instrument :

BNA_G

ClientSampleId :

280648MSD



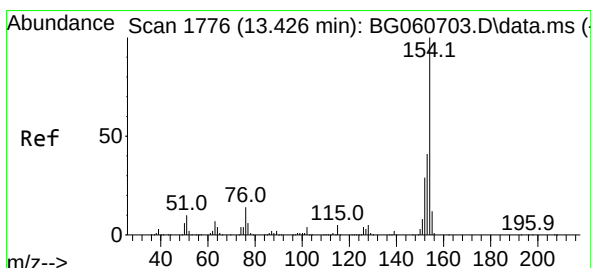
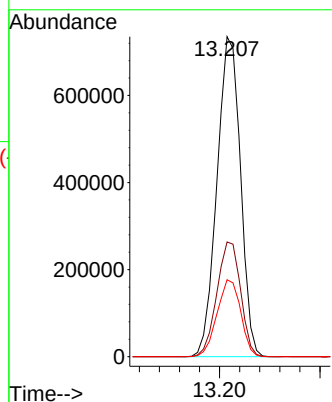
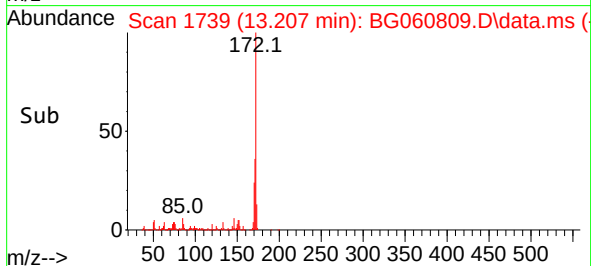
Tgt Ion:172 Resp: 1192534
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 24.1 19.4 29.0

Manual Integrations

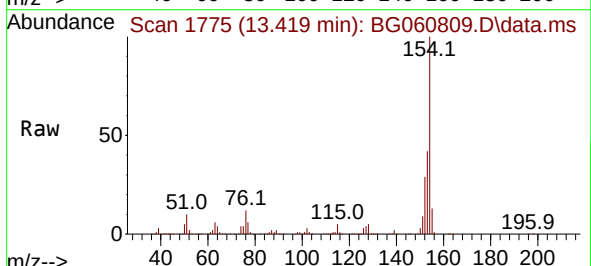
APPROVED

Reviewed By :Yogesh Patel 04/08/2024

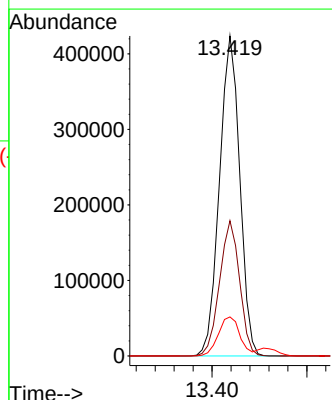
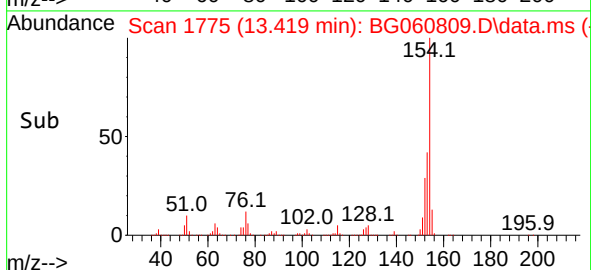
Supervised By :mohammad ahmed 04/08/2024

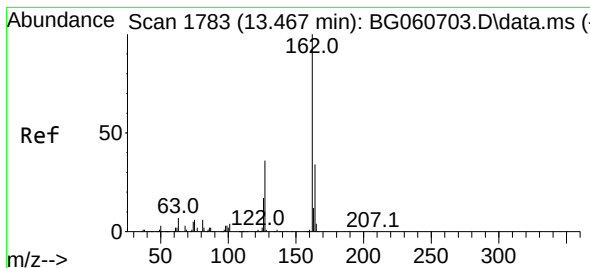


#46
1,1'-Biphenyl
Concen: 45.820 ng
RT: 13.419 min Scan# 1775
Delta R.T. -0.007 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31



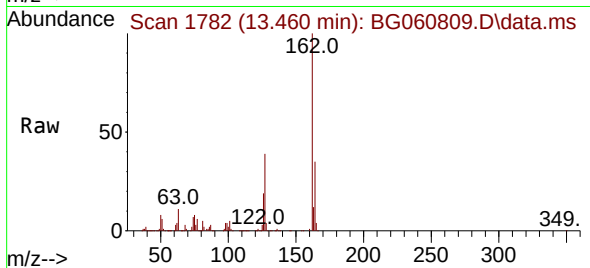
Tgt Ion:154 Resp: 629693
Ion Ratio Lower Upper
154 100
153 42.3 20.8 60.8
76 12.2 0.0 33.9





#47
2-Chloronaphthalene
Concen: 47.443 ng
RT: 13.460 min Scan# 1783
Delta R.T. -0.007 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

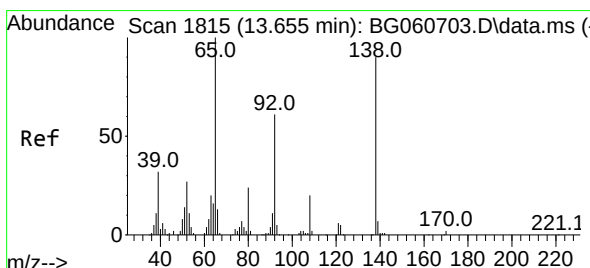
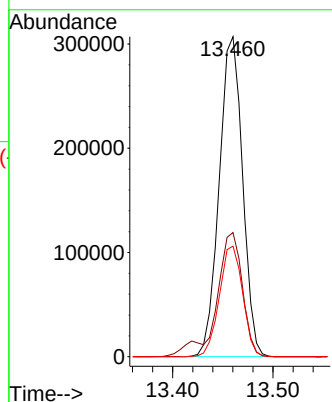
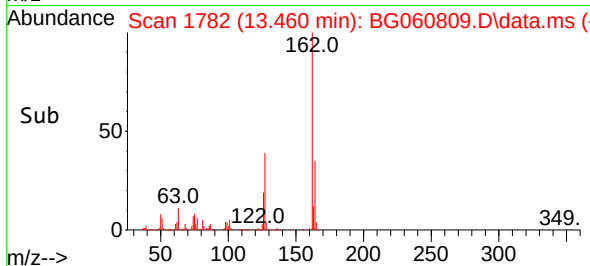
Instrument :
BNA_G
ClientSampleId :
280648MSD



Tgt Ion:162 Resp: 49537
Ion Ratio Lower Upper
162 100
127 38.8 30.6 46.0
164 34.5 26.9 40.3

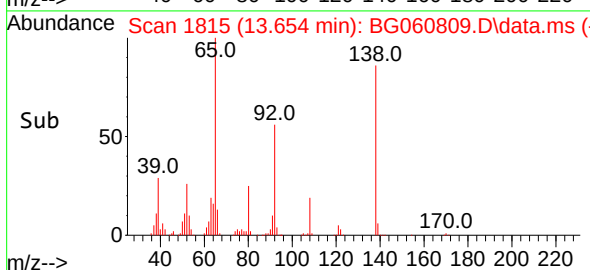
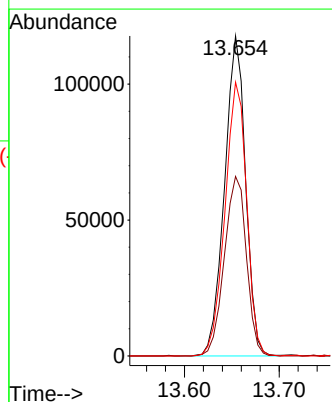
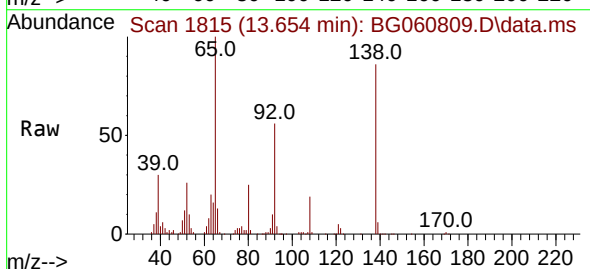
Manual Integrations
APPROVED

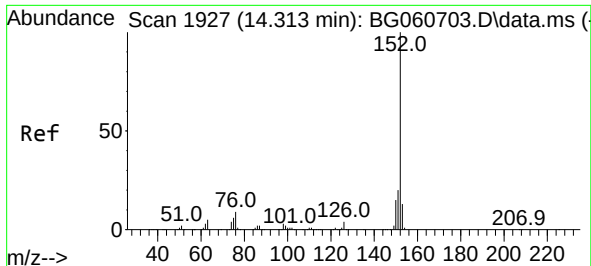
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#48
2-Nitroaniline
Concen: 52.885 ng
RT: 13.654 min Scan# 1815
Delta R.T. -0.001 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

Tgt Ion: 65 Resp: 182175
Ion Ratio Lower Upper
65 100
92 56.1 48.6 72.8
138 85.6 72.2 108.4





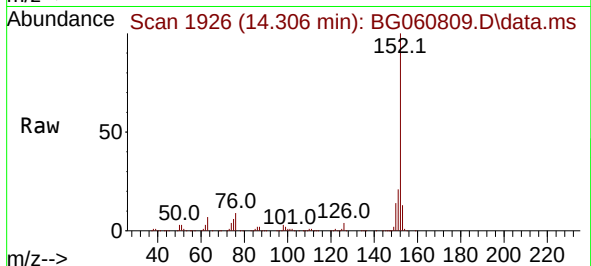
#49
Acenaphthylene
Concen: 47.102 ng
RT: 14.306 min Scan# 1927
Delta R.T. -0.007 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

Instrument :

BNA_G

ClientSampleId :

280648MSD

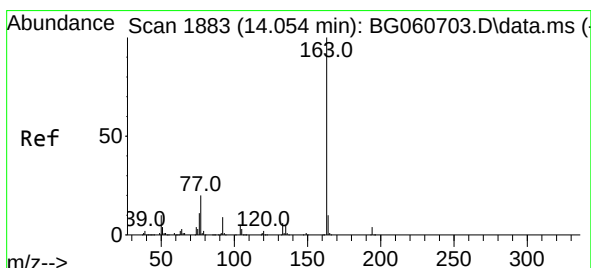
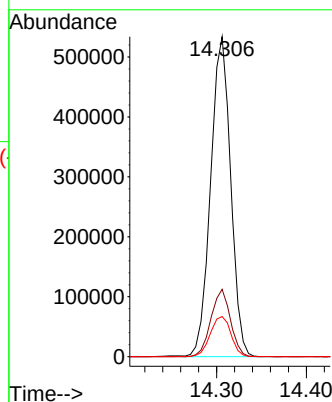
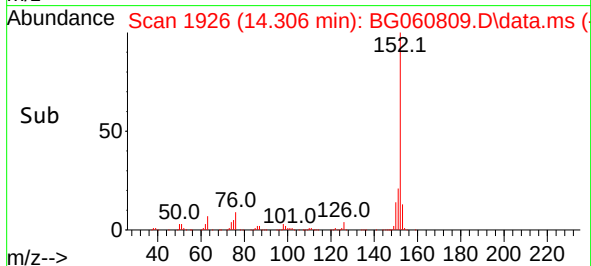


Tgt Ion:152 Resp: 826350
Ion Ratio Lower Upper
152 100
151 21.1 16.4 24.6
153 12.6 10.5 15.7

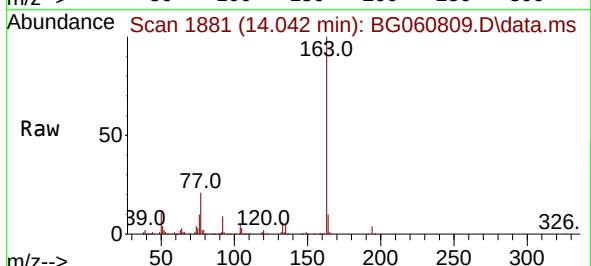
Manual Integrations

APPROVED

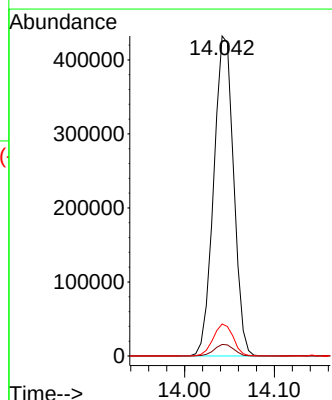
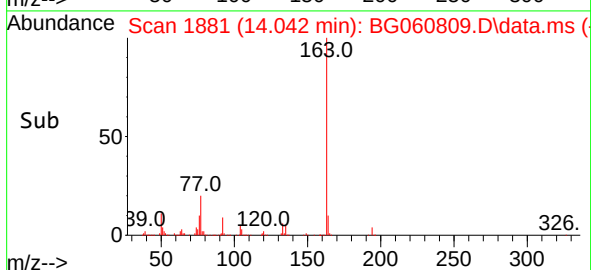
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

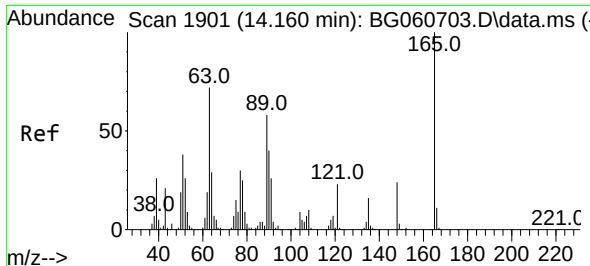


#50
Dimethylphthalate
Concen: 43.269 ng
RT: 14.042 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31



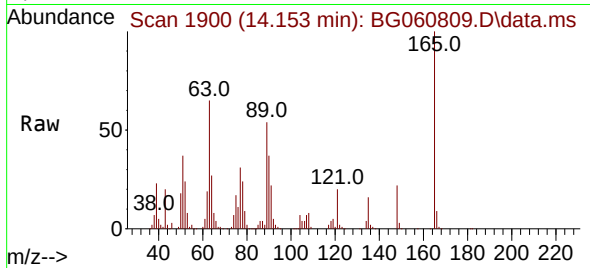
Tgt Ion:163 Resp: 665415
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.0 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 50.459 ng
RT: 14.153 min Scan# 1901
Delta R.T. -0.007 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

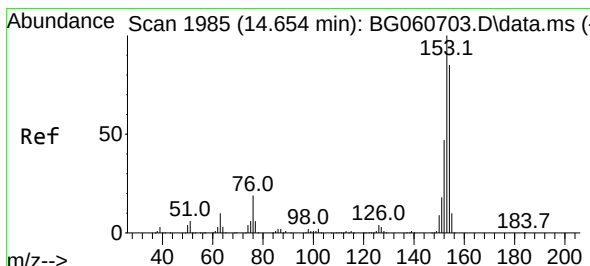
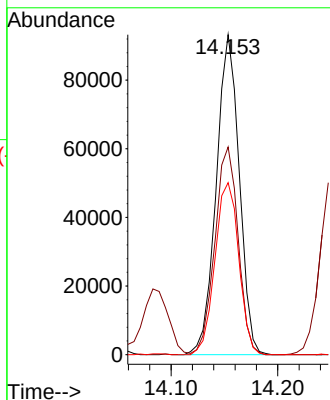
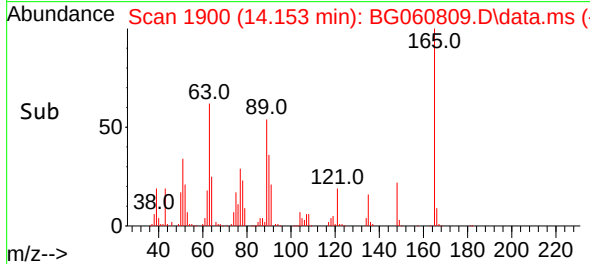
Instrument :
BNA_G
ClientSampleId :
280648MSD



Tgt Ion:165 Resp: 13946
Ion Ratio Lower Upper
165 100
63 64.9 58.2 87.4
89 53.7 46.1 69.1

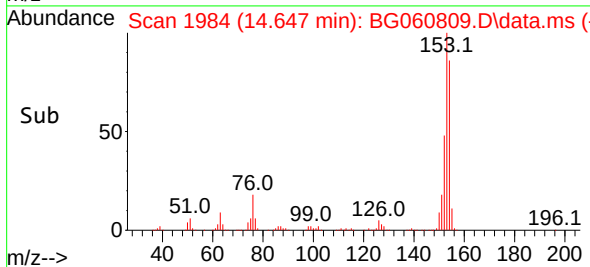
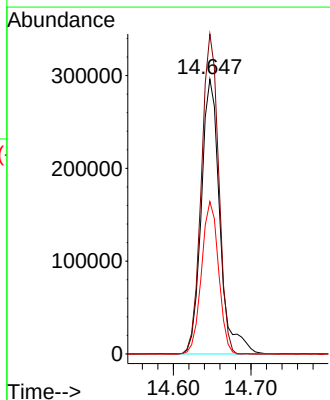
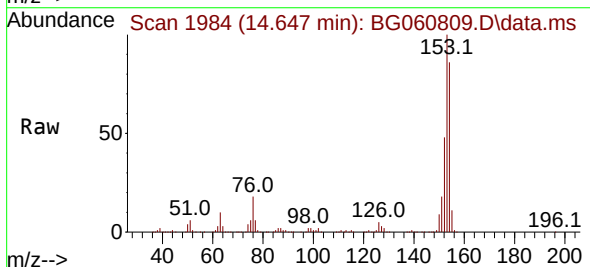
Manual Integrations
APPROVED

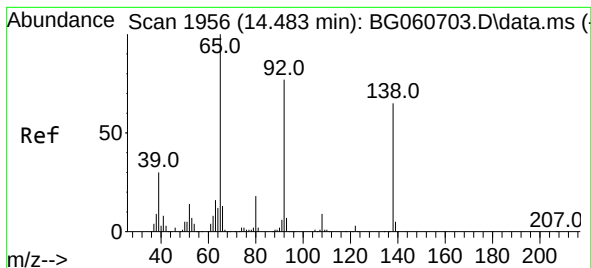
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#52
Acenaphthene
Concen: 44.663 ng
RT: 14.647 min Scan# 1984
Delta R.T. -0.007 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

Tgt Ion:154 Resp: 491967
Ion Ratio Lower Upper
154 100
153 116.5 93.9 140.9
152 55.5 44.1 66.1





#53
3-Nitroaniline
Concen: 23.677 ng
RT: 14.477 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

Instrument :

BNA_G

ClientSampleId :

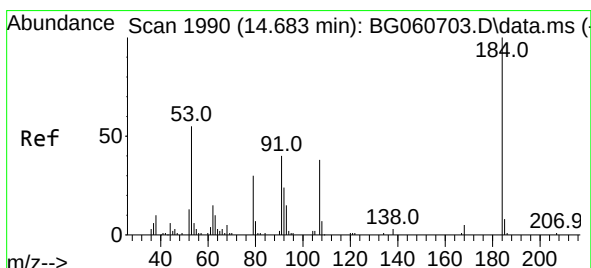
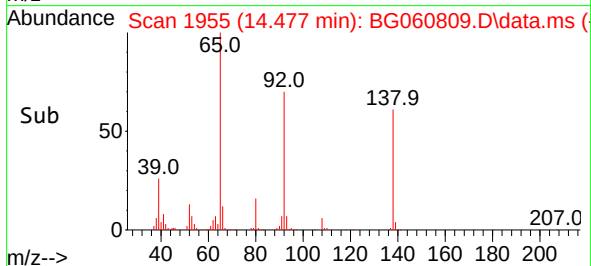
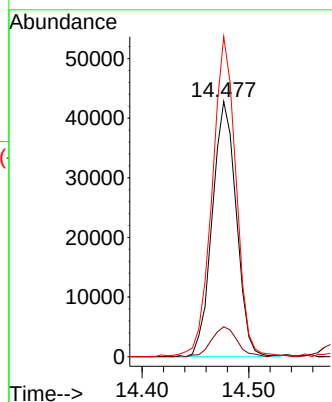
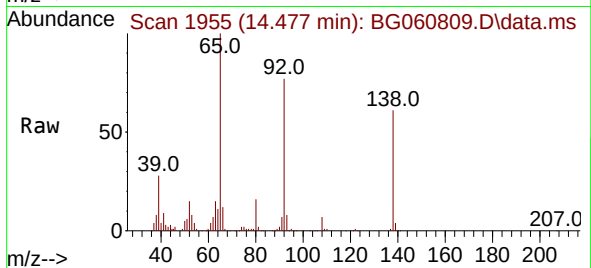
280648MSD

Tgt Ion:138 Resp: 66878
Ion Ratio Lower Upper
138 100
108 11.8 11.3 16.9
92 125.4 94.1 141.1

Manual Integrations

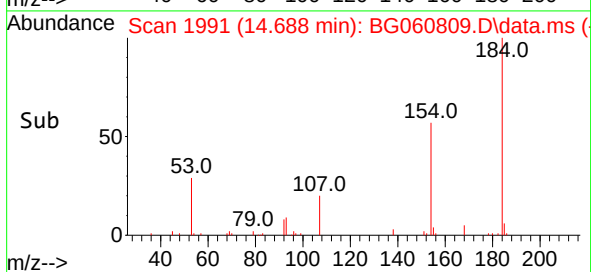
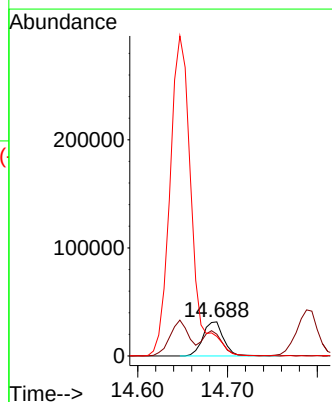
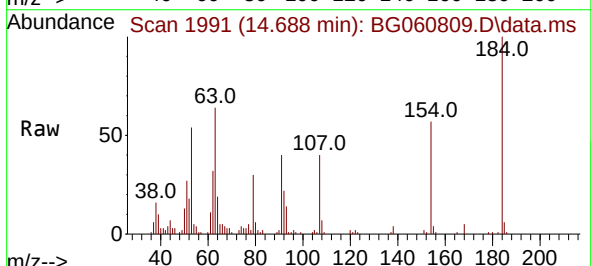
APPROVED

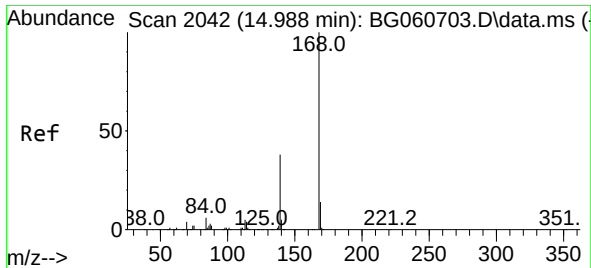
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#54
2,4-Dinitrophenol
Concen: 47.207 ng
RT: 14.688 min Scan# 1991
Delta R.T. 0.005 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

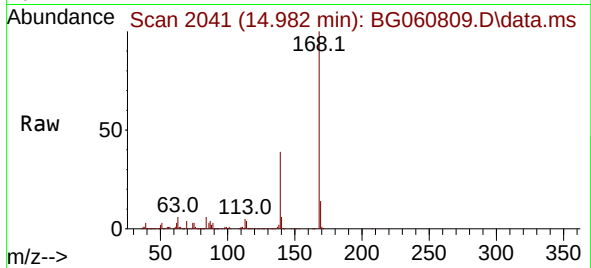
Tgt Ion:184 Resp: 50532
Ion Ratio Lower Upper
184 100
63 63.9 51.3 76.9
154 57.3 59.9 89.9#





#55
Dibenzenofuran
Concen: 43.806 ng
RT: 14.982 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

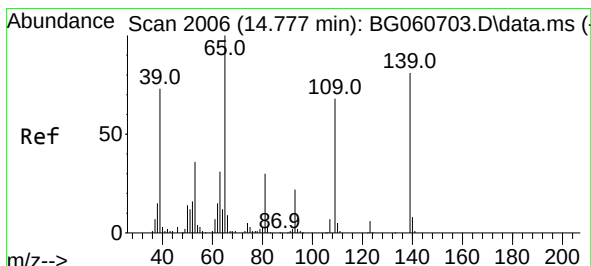
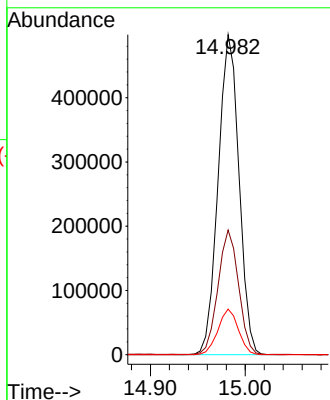
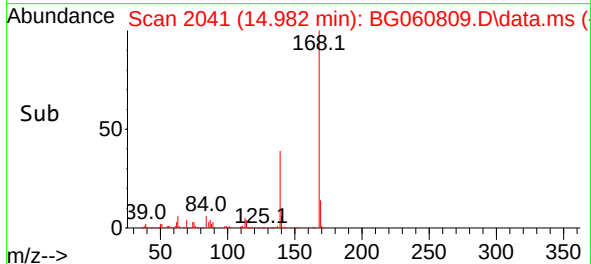
Instrument :
BNA_G
ClientSampleId :
280648MSD



Tgt Ion:168 Resp: 761115
Ion Ratio Lower Upper
168 100
139 39.0 30.1 45.1
169 14.2 11.0 16.4

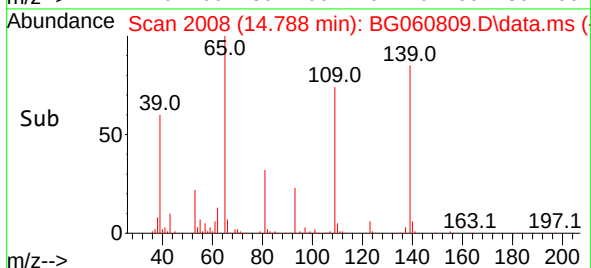
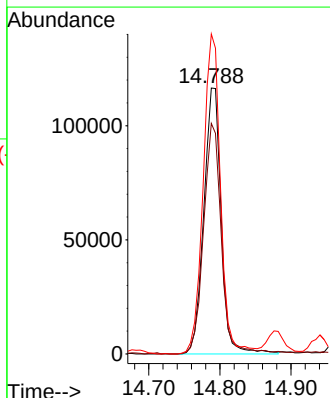
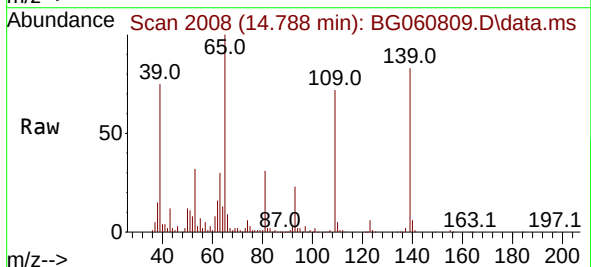
Manual Integrations
APPROVED

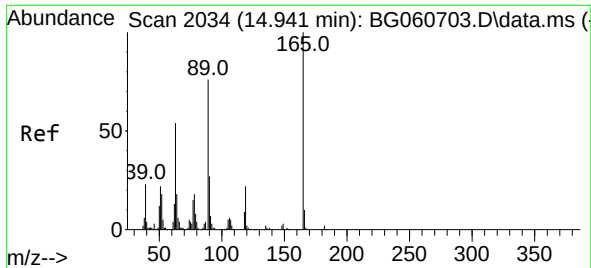
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#56
4-Nitrophenol
Concen: 88.373 ng
RT: 14.788 min Scan# 2008
Delta R.T. 0.011 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

Tgt Ion:139 Resp: 198677
Ion Ratio Lower Upper
139 100
109 86.7 64.0 104.0
65 120.3 104.3 144.3





#57
2,4-Dinitrotoluene
Concen: 53.573 ng
RT: 14.941 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

Instrument :

BNA_G

ClientSampleId :

280648MSD

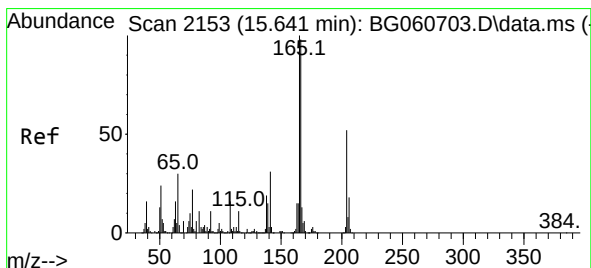
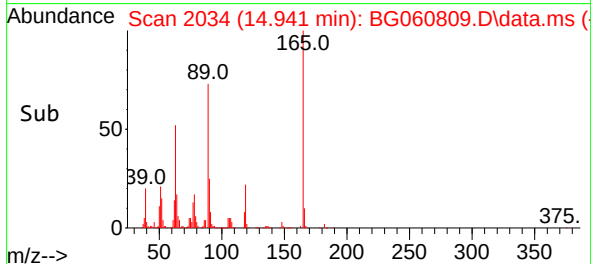
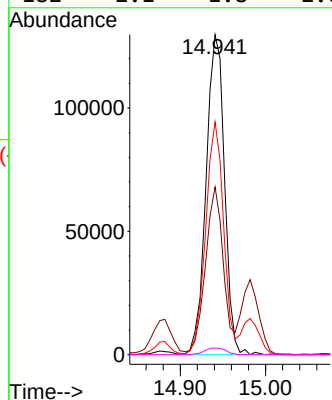
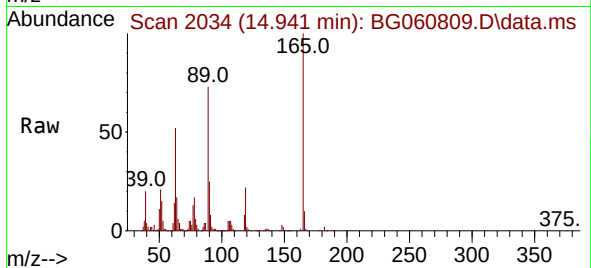
Tgt Ion:165 Resp: 194390
Ion Ratio Lower Upper
165 100
63 52.4 43.4 65.0
89 72.7 61.0 91.6
182 2.1 1.8 2.6

Manual Integrations

APPROVED

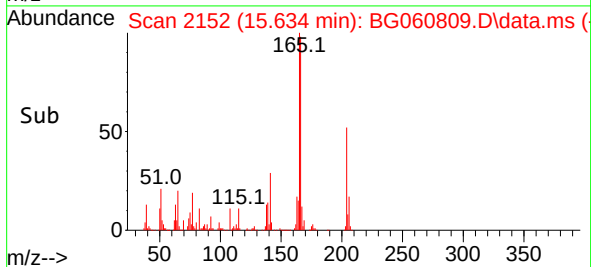
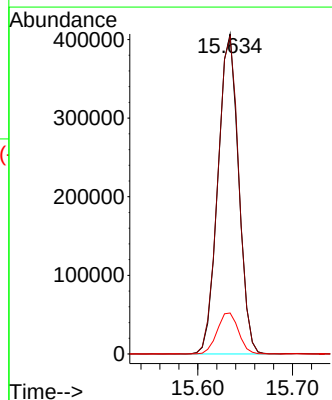
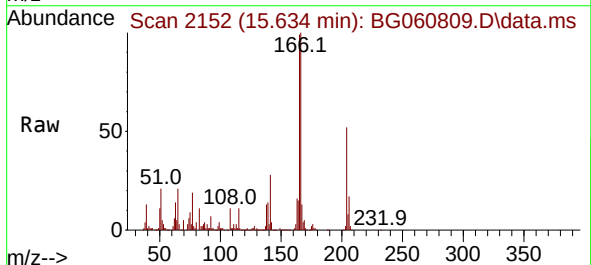
Reviewed By :Yogesh Patel 04/08/2024

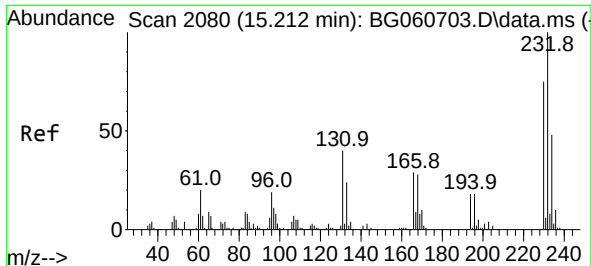
Supervised By :mohammad ahmed 04/08/2024



#58
Fluorene
Concen: 44.165 ng
RT: 15.634 min Scan# 2152
Delta R.T. -0.007 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

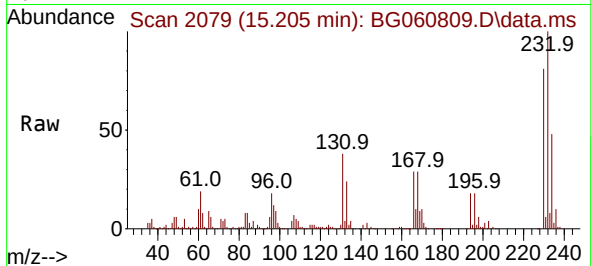
Tgt Ion:166 Resp: 615865
Ion Ratio Lower Upper
166 100
165 99.2 81.8 122.8
167 12.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.649 ng
RT: 15.205 min Scan# 2080
Delta R.T. -0.007 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

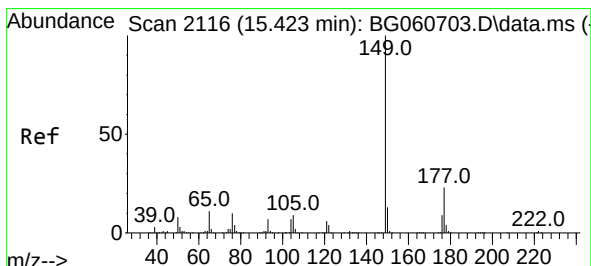
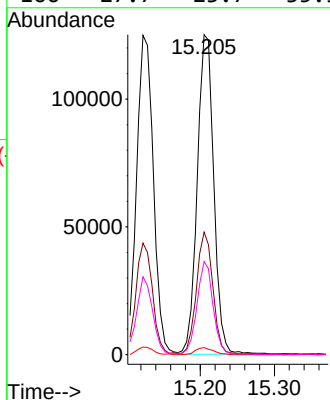
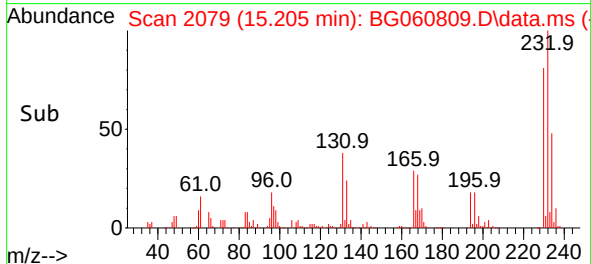
Instrument :
BNA_G
ClientSampleId :
280648MSD



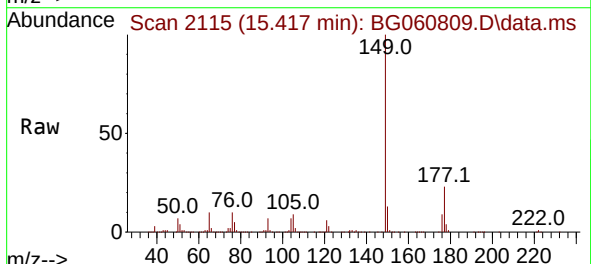
Tgt Ion:232 Resp: 193469
Ion Ratio Lower Upper
232 100
131 37.4 32.2 48.2
130 2.4 2.1 3.1
166 27.7 23.7 35.5

Manual Integrations
APPROVED

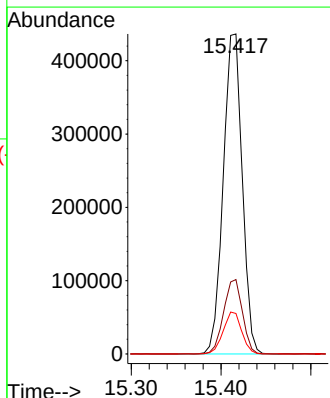
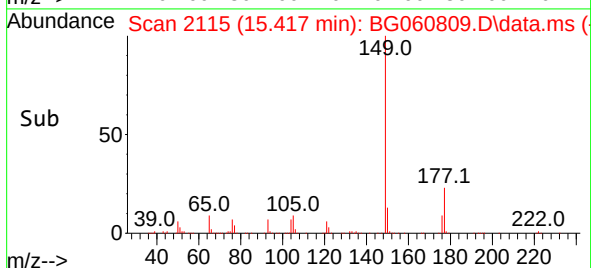
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

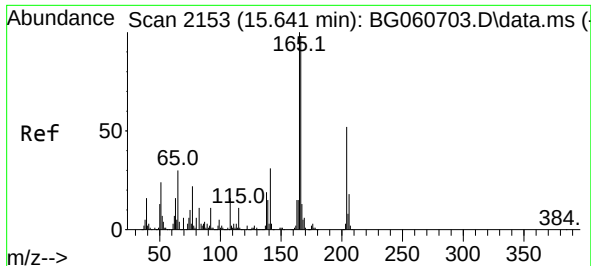


#60
Diethylphthalate
Concen: 41.347 ng
RT: 15.417 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31



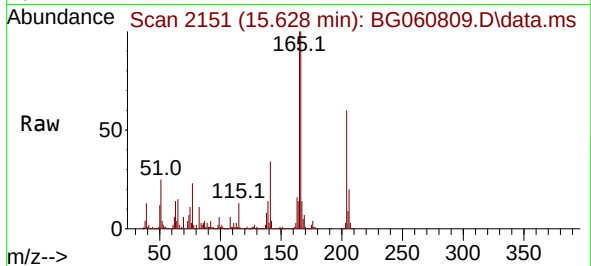
Tgt Ion:149 Resp: 639715
Ion Ratio Lower Upper
149 100
177 23.2 18.0 27.0
150 12.6 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 44.898 ng
RT: 15.628 min Scan# 2151
Delta R.T. -0.013 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

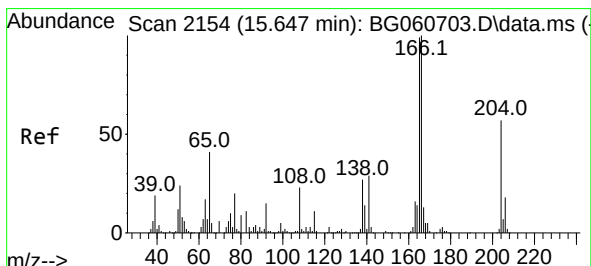
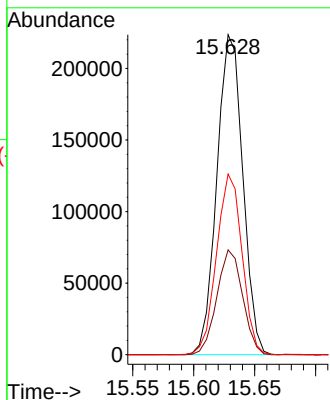
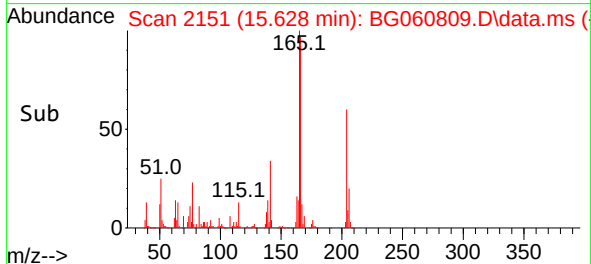
Instrument :
BNA_G
ClientSampleId :
280648MSD



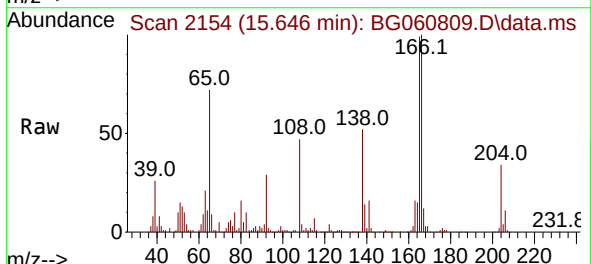
Tgt Ion:204 Resp: 33122
Ion Ratio Lower Upper
204 100
206 32.8 28.3 42.5
141 56.4 47.2 70.8

Manual Integrations
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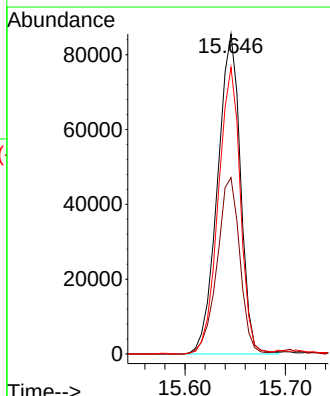
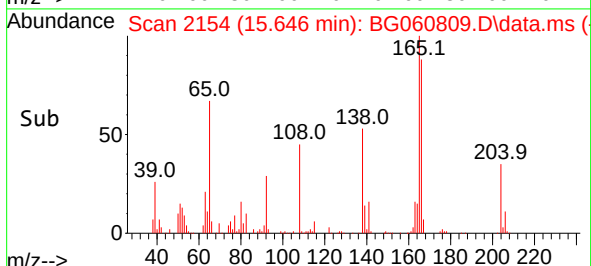
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

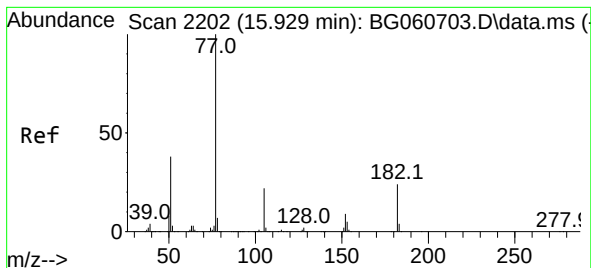


#62
4-Nitroaniline
Concen: 48.147 ng
RT: 15.646 min Scan# 2154
Delta R.T. -0.001 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31



Tgt Ion:138 Resp: 135374
Ion Ratio Lower Upper
138 100
92 55.1 36.8 76.8
108 89.5 66.9 106.9





#63

Azobenzene

Concen: 41.053 ng

RT: 15.922 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG060809.D

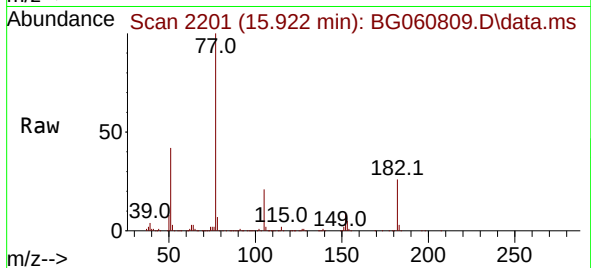
Acq: 6 Apr 2024 13:31

Instrument :

BNA_G

ClientSampleId :

280648MSD



Tgt Ion: 77 Resp: 61894

Ion Ratio Lower Upper

77 100

182 26.3 3.9 43.9

105 21.5 1.7 41.7

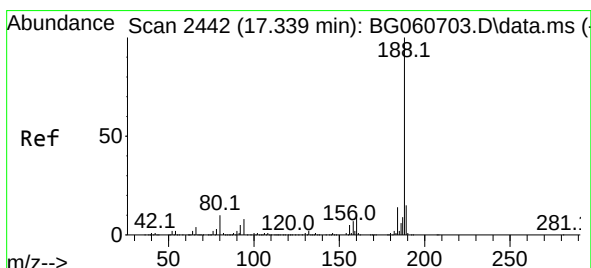
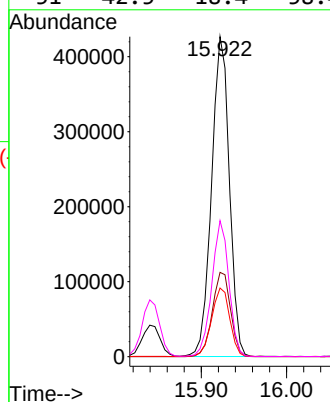
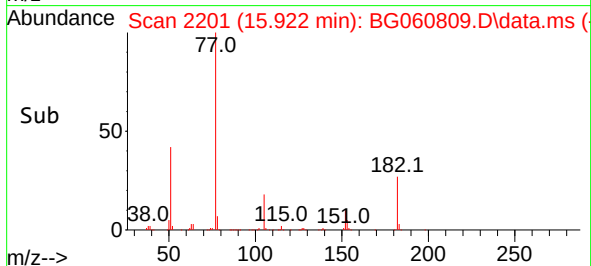
51 42.5 18.4 58.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.332 min Scan# 2441

Delta R.T. -0.007 min

Lab File: BG060809.D

Acq: 6 Apr 2024 13:31

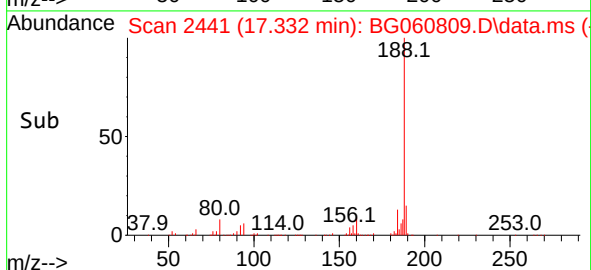
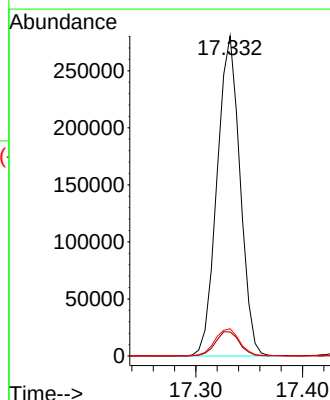
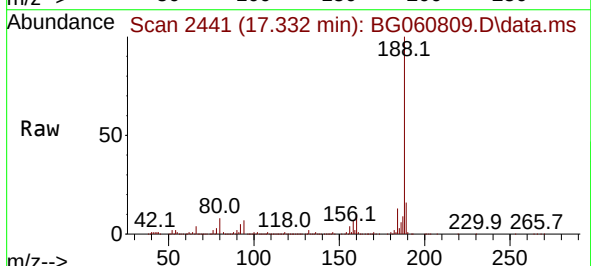
Tgt Ion:188 Resp: 419131

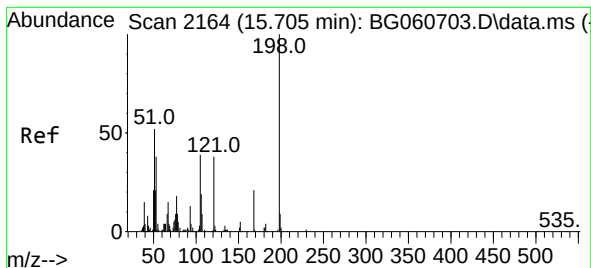
Ion Ratio Lower Upper

188 100

94 7.5 6.6 9.8

80 8.5 7.6 11.4





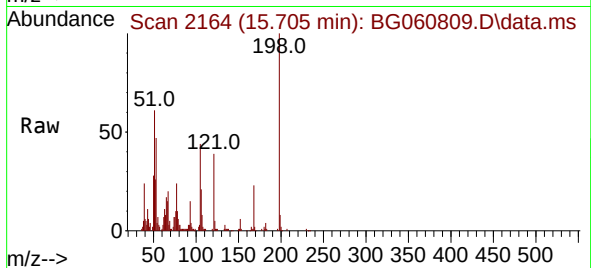
#65
4,6-Dinitro-2-methylphenol
Concen: 35.696 ng
RT: 15.705 min Scan# 2164
Delta R.T. -0.000 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

Instrument :

BNA_G

ClientSampleId :

280648MSD

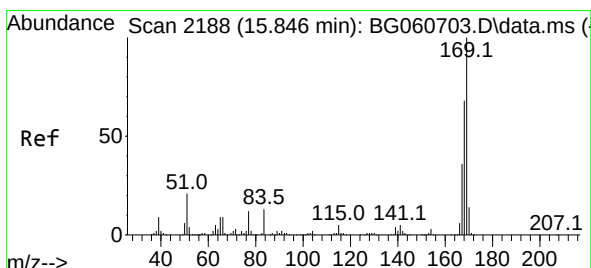
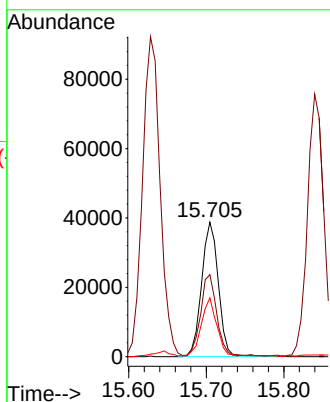
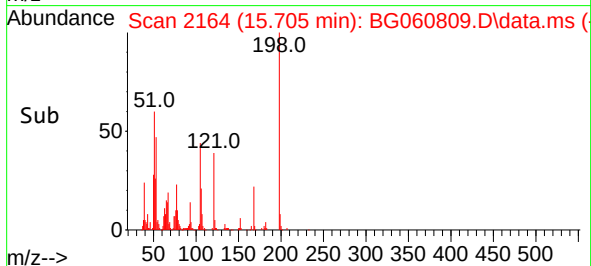


Tgt Ion:198 Resp: 58090
Ion Ratio Lower Upper
198 100
51 61.0 36.7 76.7
105 43.7 19.1 59.1

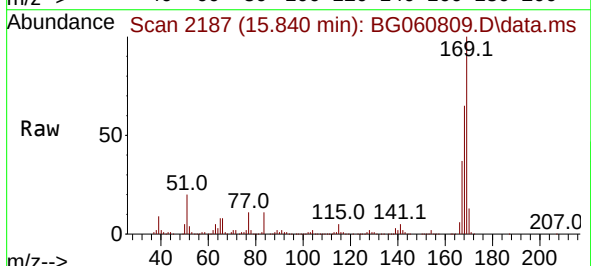
Manual Integrations

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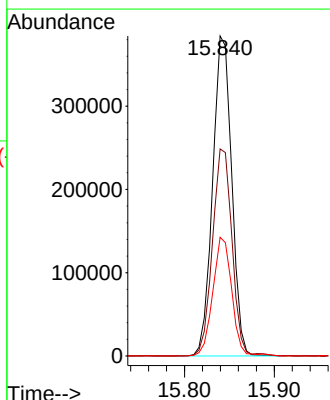
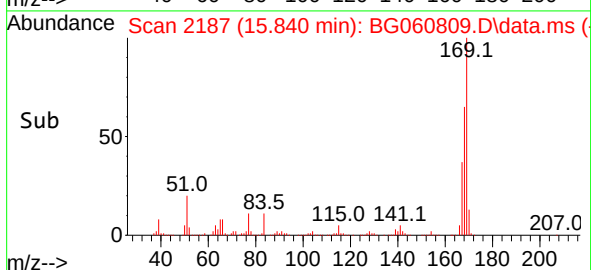
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

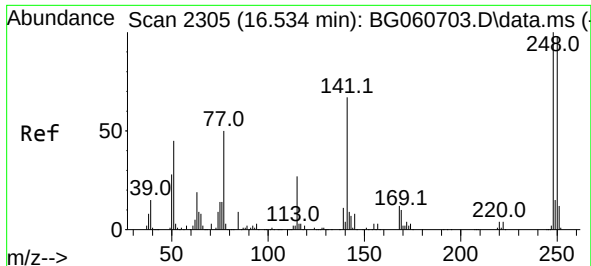


#66
n-Nitrosodiphenylamine
Concen: 47.283 ng
RT: 15.840 min Scan# 2187
Delta R.T. -0.007 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31



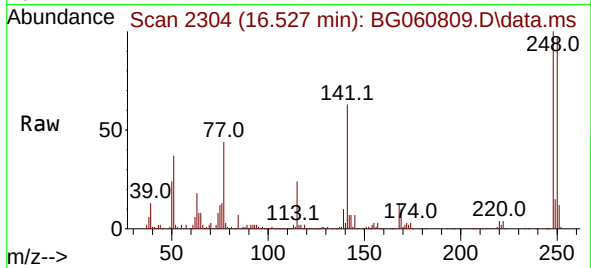
Tgt Ion:169 Resp: 566322
Ion Ratio Lower Upper
169 100
168 64.7 54.5 81.7
167 37.1 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 52.463 ng
RT: 16.527 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

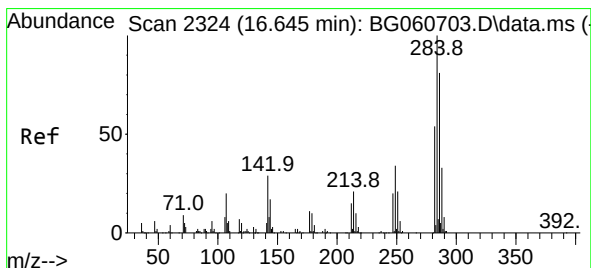
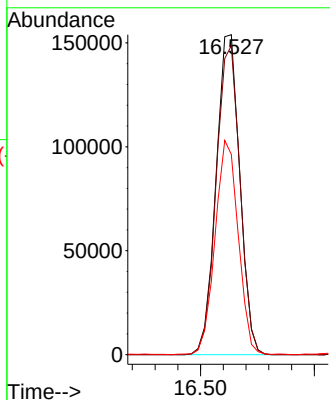
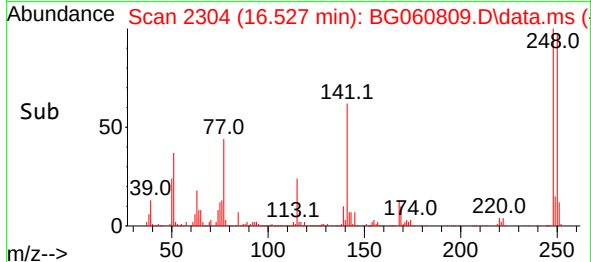
Instrument :
BNA_G
ClientSampleId :
280648MSD



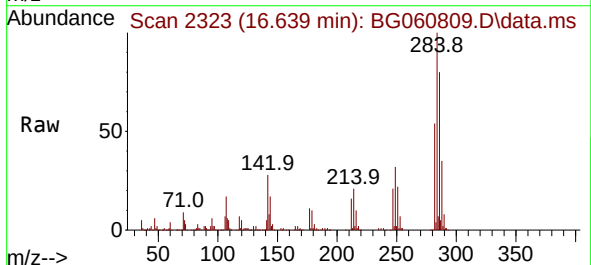
Tgt Ion:248 Resp: 22315
Ion Ratio Lower Upper
248 100
250 96.5 78.3 117.5
141 62.6 53.7 80.5

Manual Integrations
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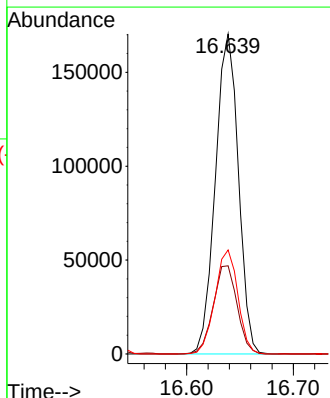
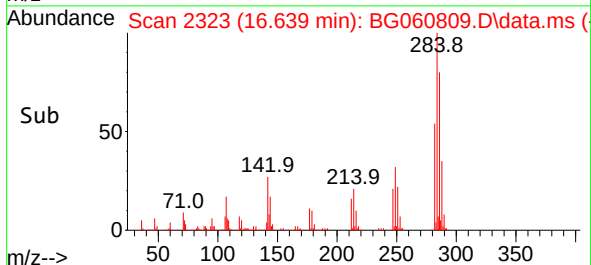
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

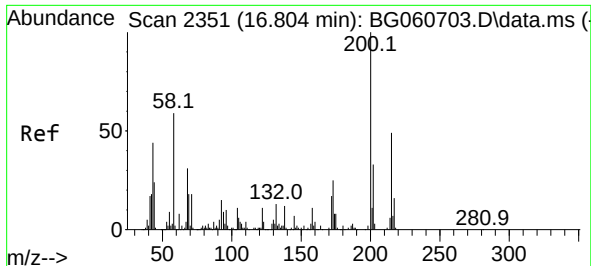


#68
Hexachlorobenzene
Concen: 53.061 ng
RT: 16.639 min Scan# 2323
Delta R.T. -0.007 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31



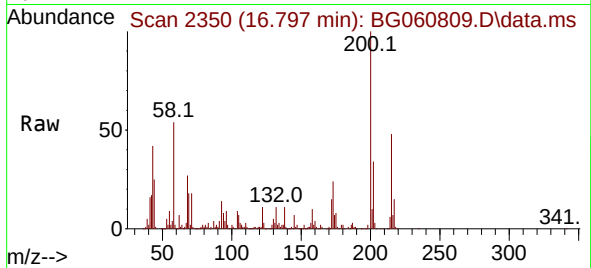
Tgt Ion:284 Resp: 254788
Ion Ratio Lower Upper
284 100
142 27.6 22.9 34.3
249 32.5 27.1 40.7





#69
 Atrazine
 Concen: 50.341 ng
 RT: 16.797 min Scan# 210849
 Delta R.T. -0.007 min
 Lab File: BG060809.D
 Acq: 6 Apr 2024 13:31

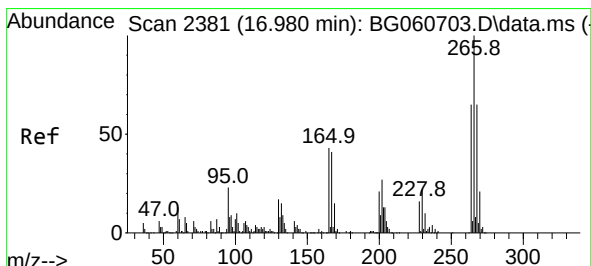
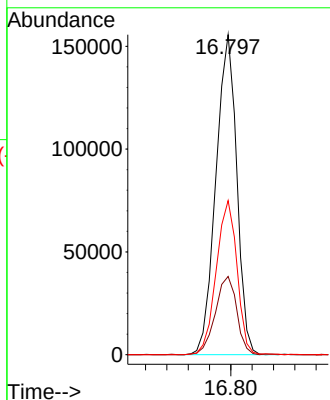
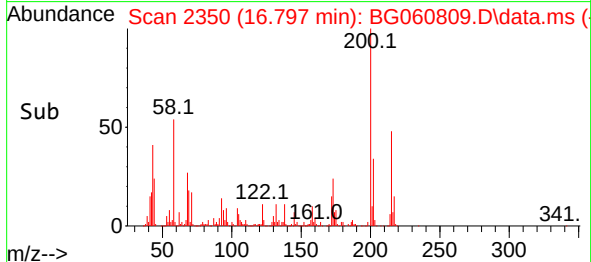
Instrument :
 BNA_G
 ClientSampleId :
 280648MSD



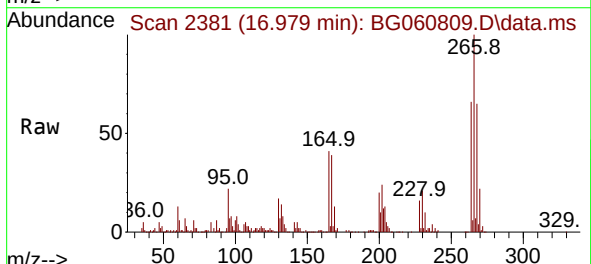
Tgt Ion:200 Resp: 210849
 Ion Ratio Lower Upper
 200 100
 173 24.4 5.2 45.2
 215 48.1 28.8 68.8

Manual Integrations
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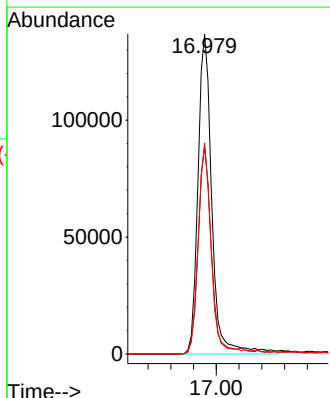
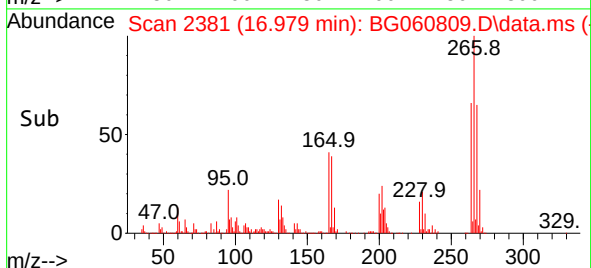
Reviewed By :Yogesh Patel 04/08/2024
 Supervised By :mohammad ahmed 04/08/2024

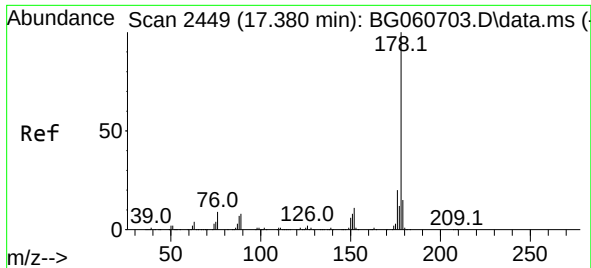


#70
 Pentachlorophenol
 Concen: 74.232 ng
 RT: 16.979 min Scan# 2381
 Delta R.T. -0.001 min
 Lab File: BG060809.D
 Acq: 6 Apr 2024 13:31



Tgt Ion:266 Resp: 232581
 Ion Ratio Lower Upper
 266 100
 268 64.8 52.2 78.4
 264 65.9 51.8 77.6





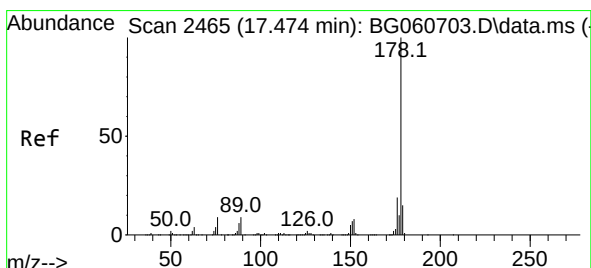
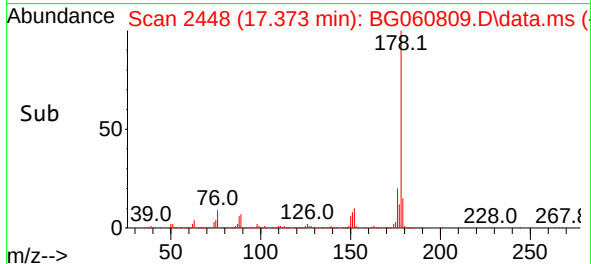
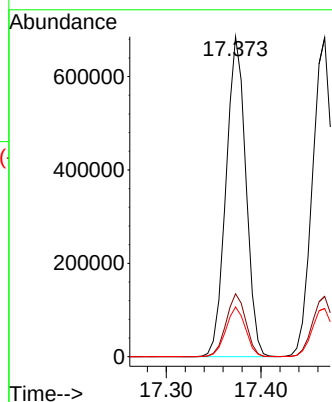
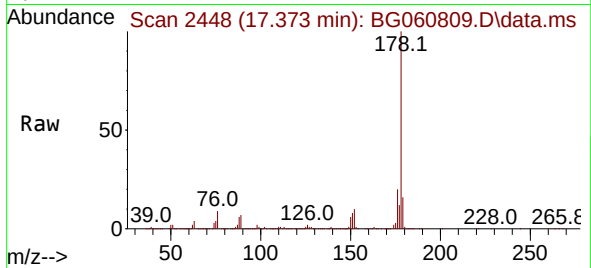
#71
Phenanthrene
Concen: 45.692 ng
RT: 17.373 min Scan# 2449
Delta R.T. -0.007 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

Instrument :
BNA_G
ClientSampleId :
280648MSD

Tgt Ion:178 Resp: 996008
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.6 12.2 18.4

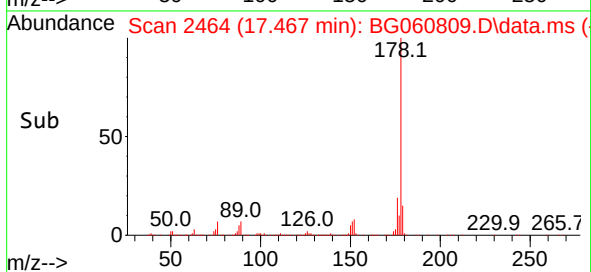
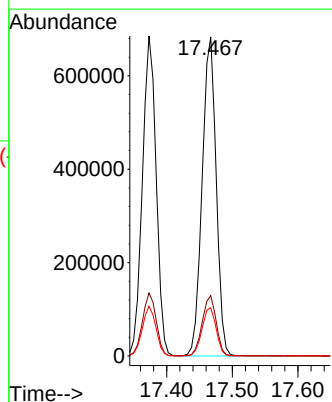
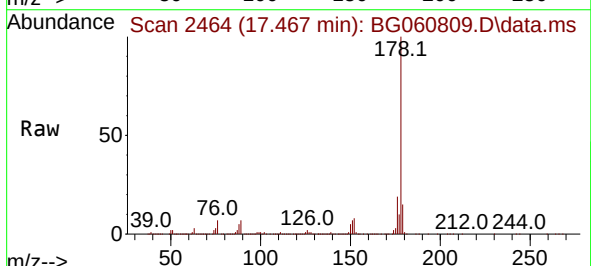
Manual Integrations
APPROVED

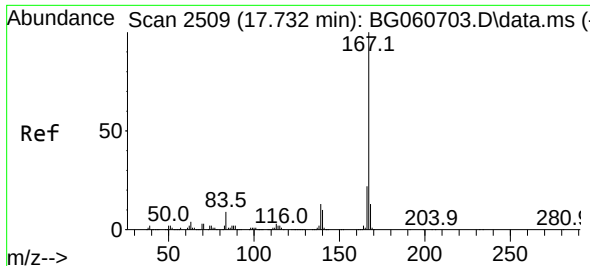
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#72
Anthracene
Concen: 45.992 ng
RT: 17.467 min Scan# 2464
Delta R.T. -0.007 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

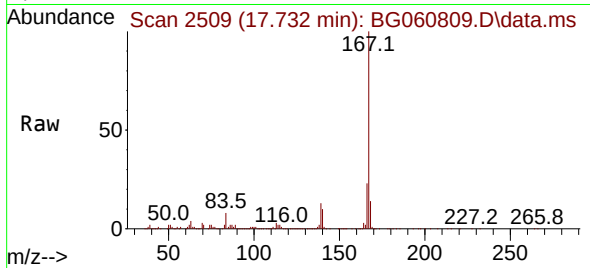
Tgt Ion:178 Resp: 1018141
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 15.1 12.2 18.2





#73
Carbazole
Concen: 45.682 ng
RT: 17.732 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

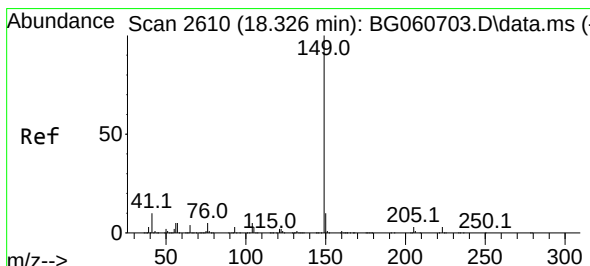
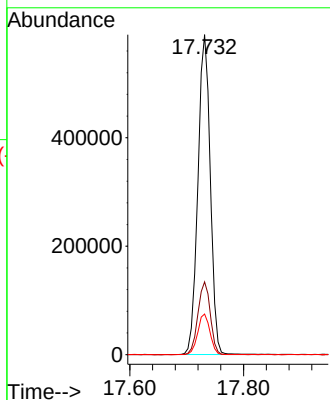
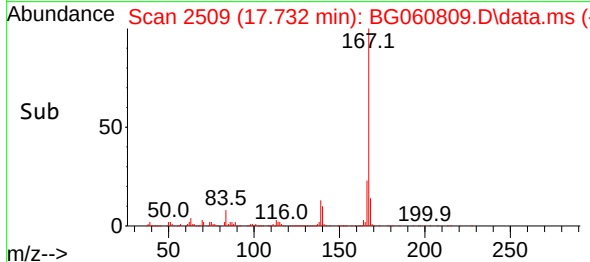
Instrument :
BNA_G
ClientSampleId :
280648MSD



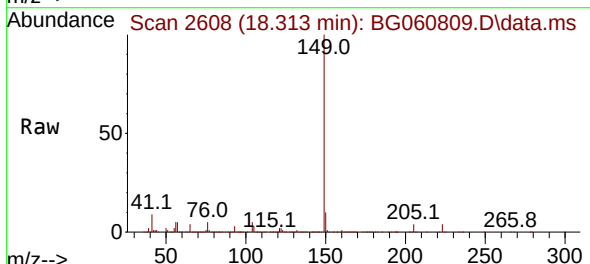
Tgt Ion:167 Resp: 891628
Ion Ratio Lower Upper
167 100
166 22.8 18.0 27.0
139 12.7 10.5 15.7

Manual Integrations
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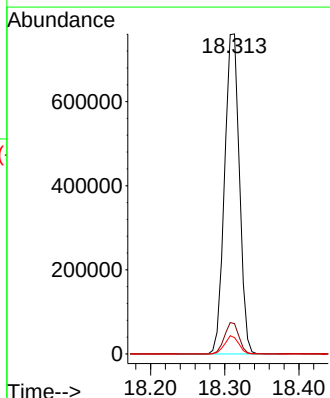
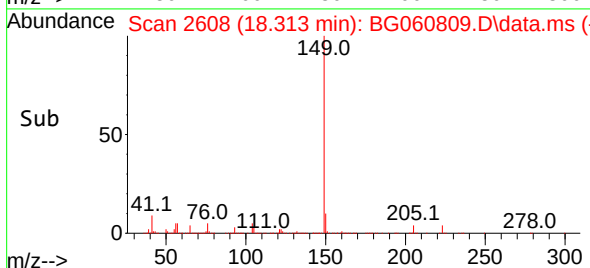
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

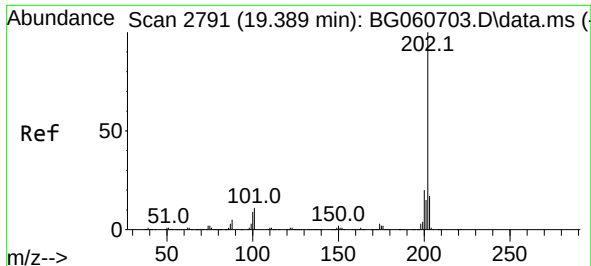


#74
Di-n-butylphthalate
Concen: 43.445 ng
RT: 18.313 min Scan# 2608
Delta R.T. -0.013 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31



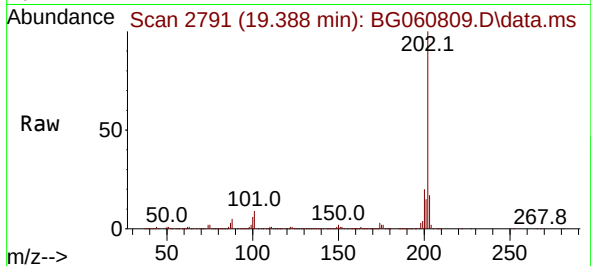
Tgt Ion:149 Resp: 1057178
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 5.1 4.2 6.4





#75
Fluoranthene
Concen: 45.608 ng
RT: 19.388 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

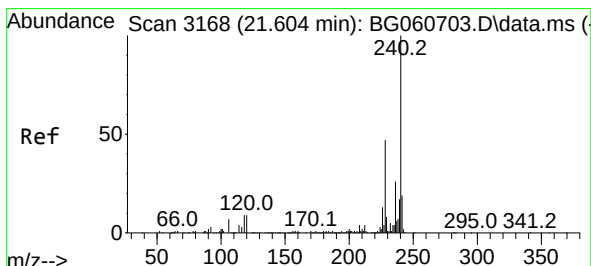
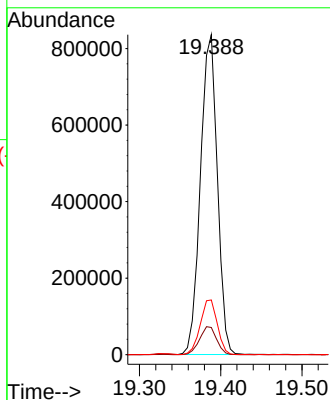
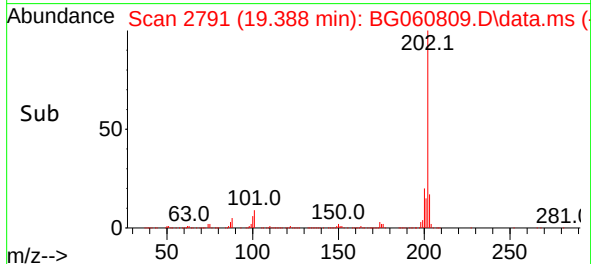
Instrument :
BNA_G
ClientSampleId :
280648MSD



Tgt Ion:202 Resp: 120638
Ion Ratio Lower Upper
202 100
101 8.5 0.0 30.8
203 17.1 0.0 37.4

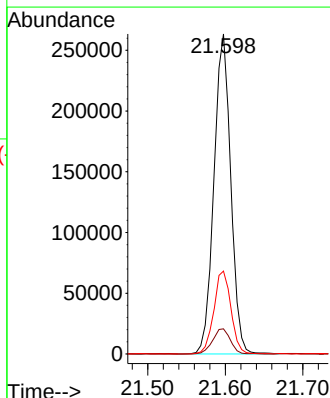
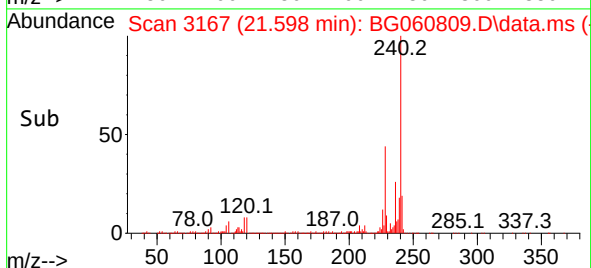
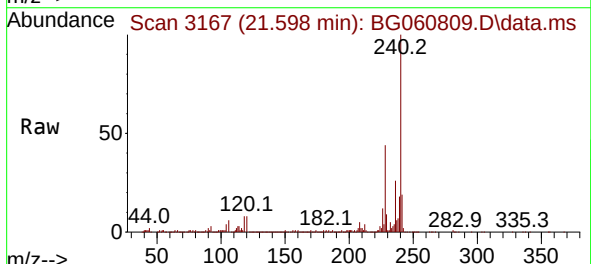
Manual Integrations
APPROVED

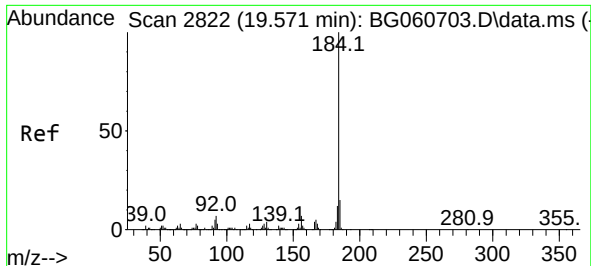
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.598 min Scan# 3167
Delta R.T. -0.007 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

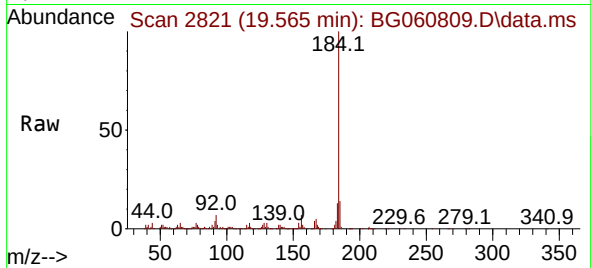
Tgt Ion:240 Resp: 397300
Ion Ratio Lower Upper
240 100
120 7.8 7.1 10.7
236 25.9 20.7 31.1





#77
Benzidine
Concen: 22.352 ng
RT: 19.565 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

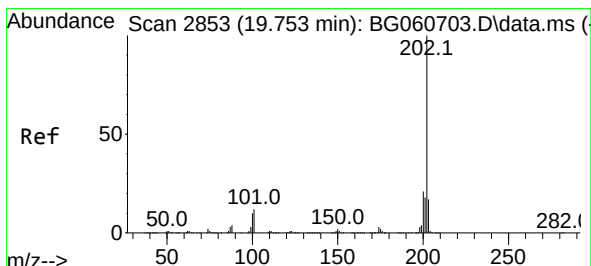
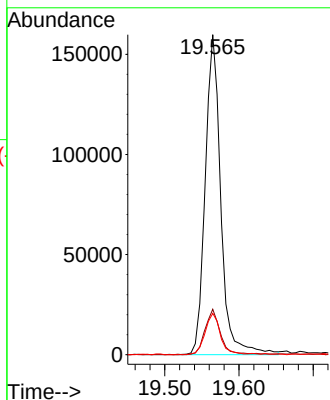
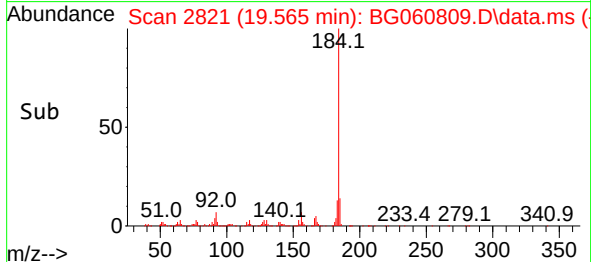
Instrument :
BNA_G
ClientSampleId :
280648MSD



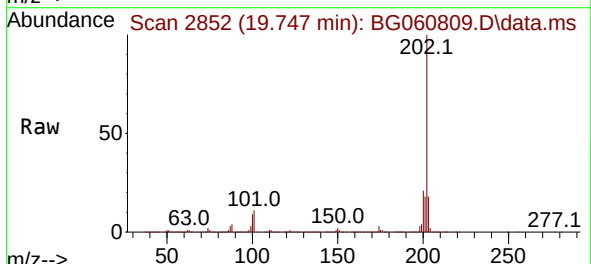
Tgt Ion:184 Resp: 233838
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.6
183 12.9 9.5 14.3

Manual Integrations
APPROVED

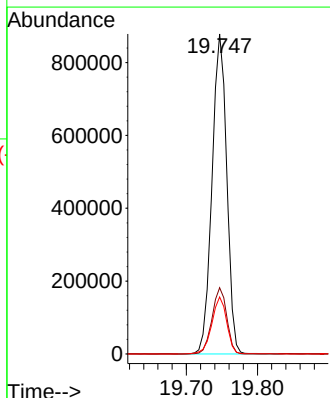
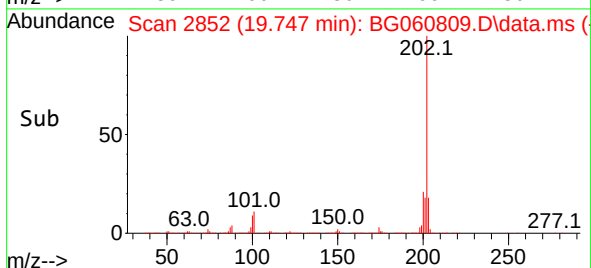
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

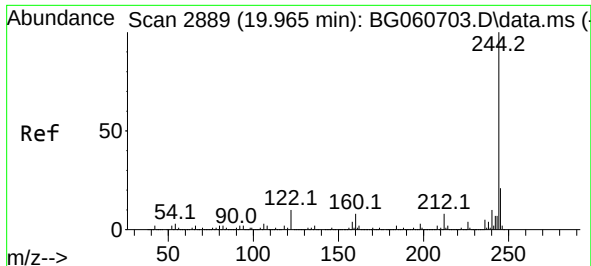


#78
Pyrene
Concen: 45.415 ng
RT: 19.747 min Scan# 2852
Delta R.T. -0.007 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31



Tgt Ion:202 Resp: 1261912
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.4
203 17.8 14.0 21.0





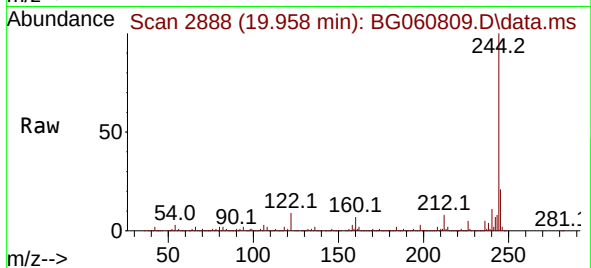
#79
 Terphenyl-d14
 Concen: 87.292 ng
 RT: 19.958 min Scan# 2888
 Delta R.T. -0.007 min
 Lab File: BG060809.D
 Acq: 6 Apr 2024 13:31

Instrument :

BNA_G

ClientSampleId :

280648MSD



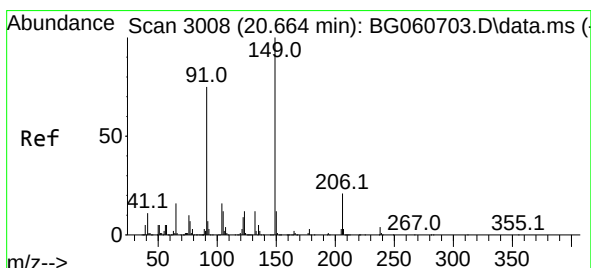
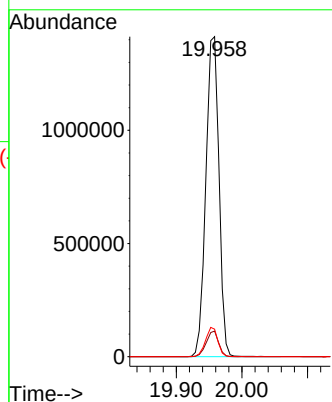
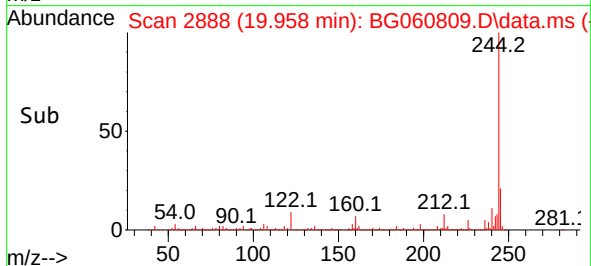
Tgt Ion:244 Resp: 196959
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 8.6 7.8 11.8

Manual Integrations

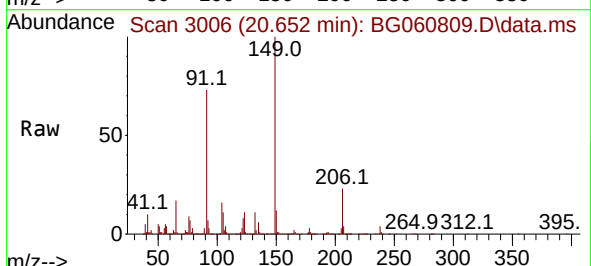
APPROVED

Reviewed By :Yogesh Patel 04/08/2024

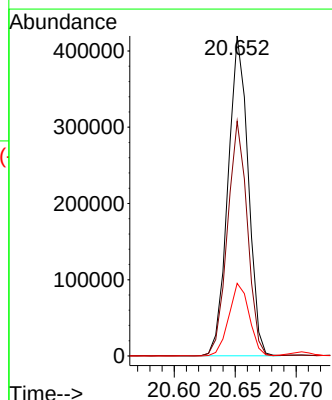
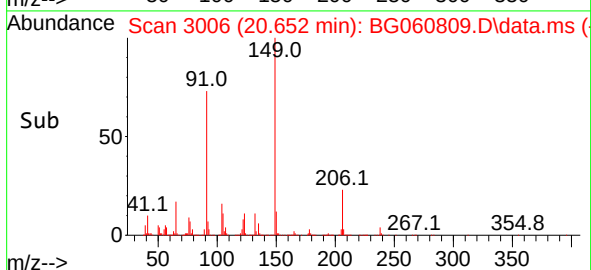
Supervised By :mohammad ahmed 04/08/2024

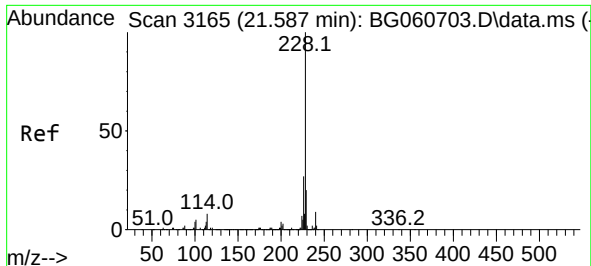


#80
 Butylbenzylphthalate
 Concen: 47.732 ng
 RT: 20.652 min Scan# 3006
 Delta R.T. -0.013 min
 Lab File: BG060809.D
 Acq: 6 Apr 2024 13:31



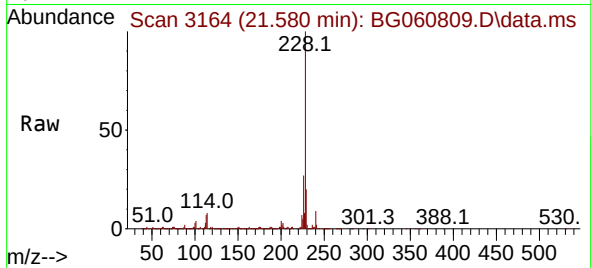
Tgt Ion:149 Resp: 483816
 Ion Ratio Lower Upper
 149 100
 91 73.3 60.1 90.1
 206 22.7 16.8 25.2





#81
Benzo(a)anthracene
Concen: 46.874 ng
RT: 21.580 min Scan# 3165
Delta R.T. -0.007 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

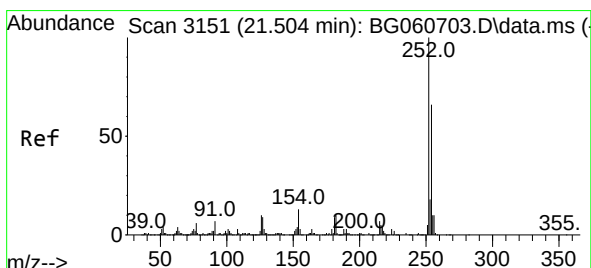
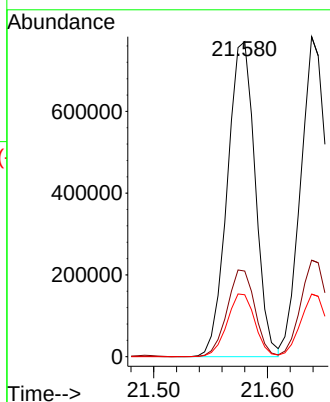
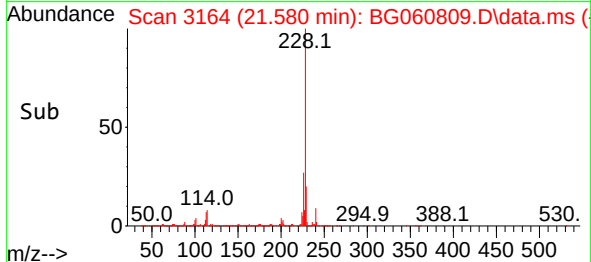
Instrument :
BNA_G
ClientSampleId :
280648MSD



Tgt Ion:228 Resp: 131273
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 19.7 15.8 23.8

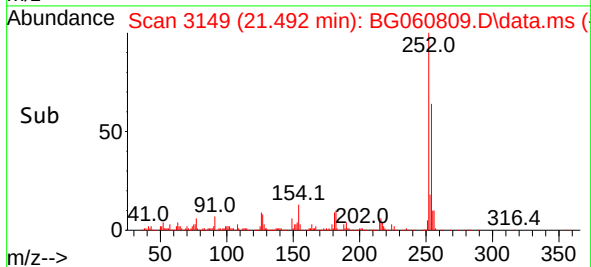
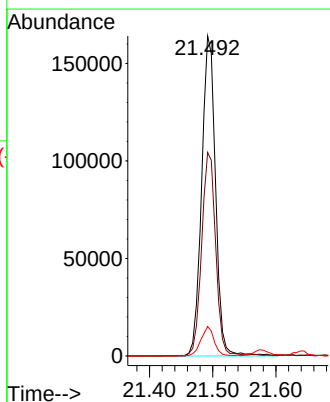
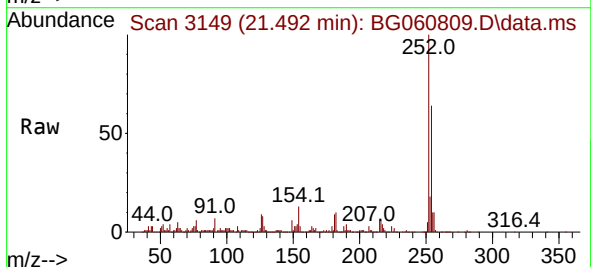
Manual Integrations
APPROVED

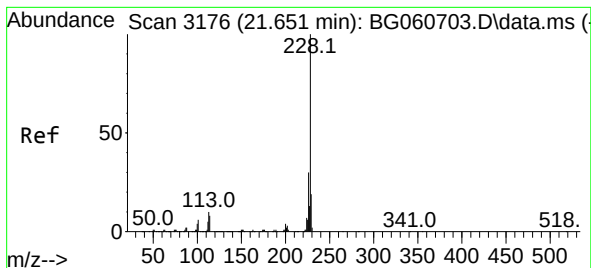
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#82
3,3'-Dichlorobenzidine
Concen: 26.564 ng
RT: 21.492 min Scan# 3149
Delta R.T. -0.013 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

Tgt Ion:252 Resp: 251193
Ion Ratio Lower Upper
252 100
254 63.6 52.6 78.8
126 9.2 7.8 11.8





#83

Chrysene

Concen: 45.959 ng

RT: 21.639 min Scan# 3174

Delta R.T. -0.013 min

Lab File: BG060809.D

Acq: 6 Apr 2024 13:31

Instrument :

BNA_G

ClientSampleId :

280648MSD

Tgt Ion:228 Resp: 1240589

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.4

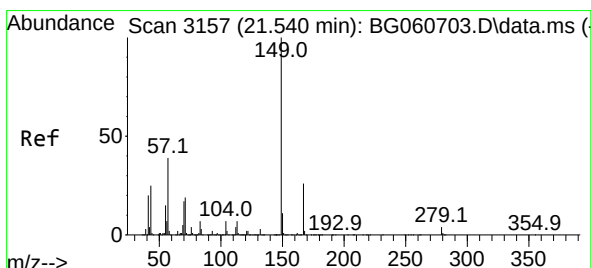
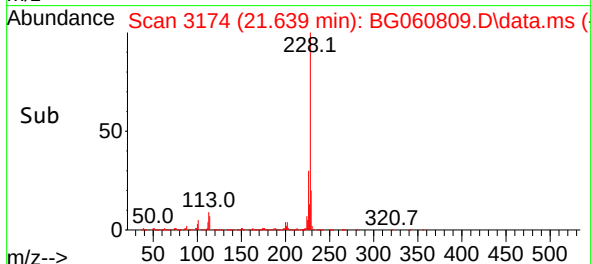
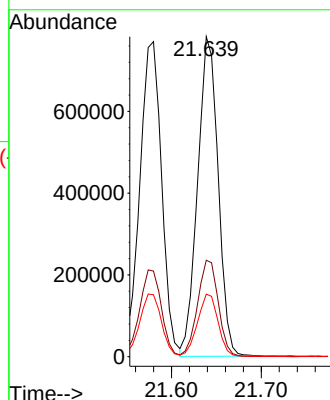
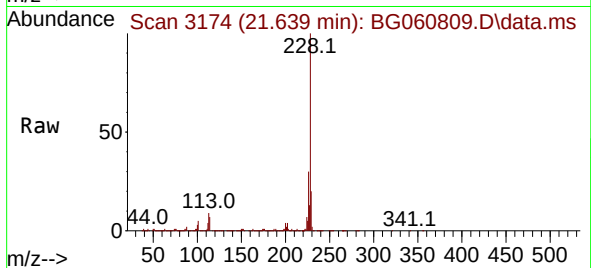
229 19.5 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.556 ng

RT: 21.515 min Scan# 3153

Delta R.T. -0.024 min

Lab File: BG060809.D

Acq: 6 Apr 2024 13:31

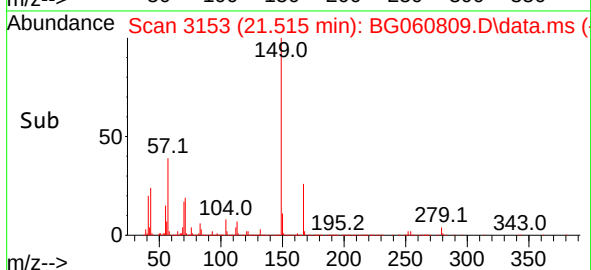
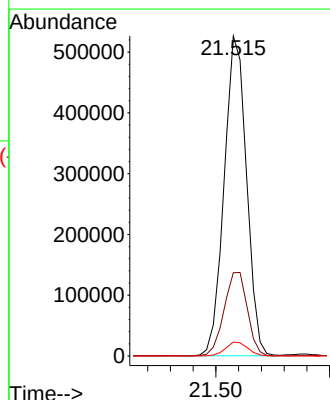
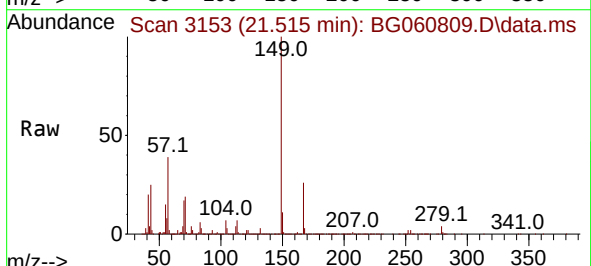
Tgt Ion:149 Resp: 719821

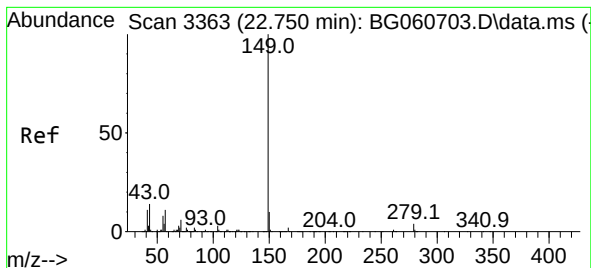
Ion Ratio Lower Upper

149 100

167 26.0 20.6 30.8

279 4.3 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 47.541 ng

RT: 22.714 min Scan# 31

Delta R.T. -0.036 min

Lab File: BG060809.D

Acq: 6 Apr 2024 13:31

Instrument :

BNA_G

ClientSampleId :

280648MSD

Tgt Ion:149 Resp: 125122

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

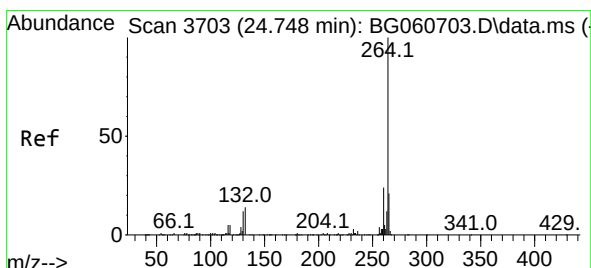
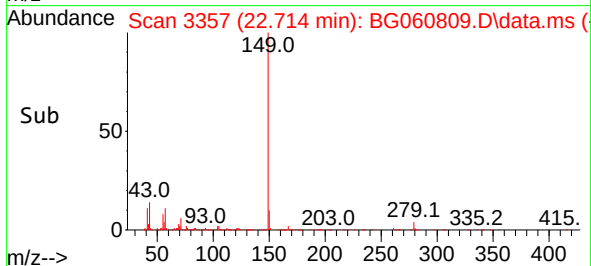
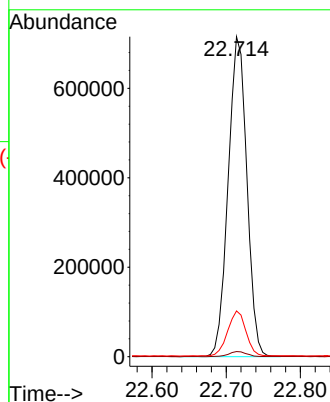
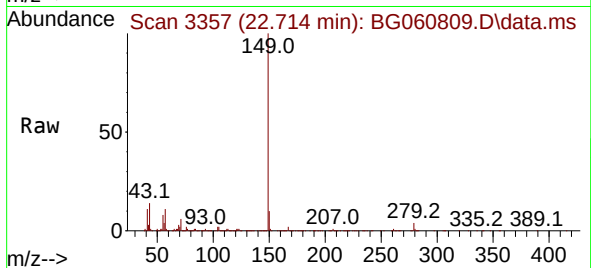
43 13.6 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.735 min Scan# 3701

Delta R.T. -0.013 min

Lab File: BG060809.D

Acq: 6 Apr 2024 13:31

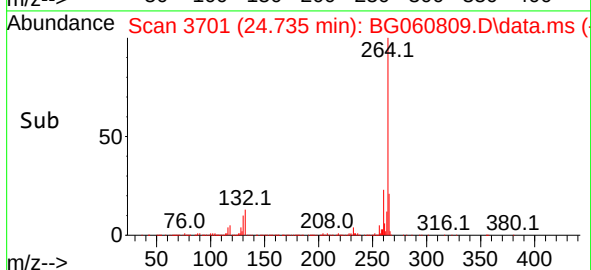
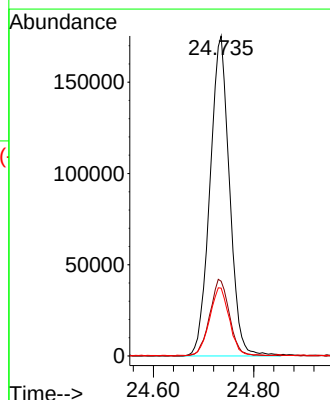
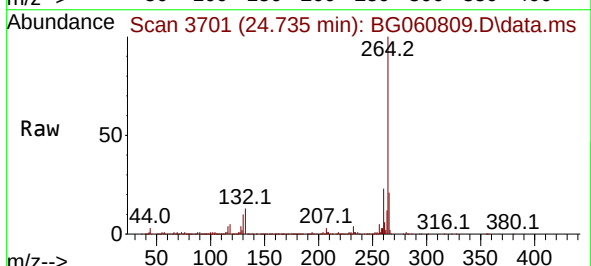
Tgt Ion:264 Resp: 473215

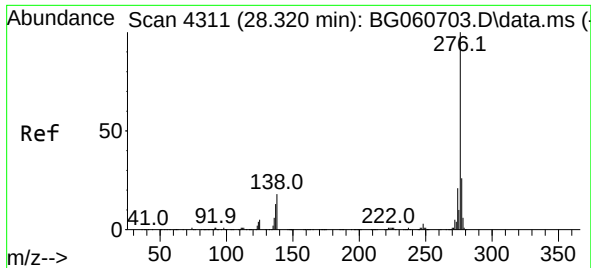
Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 21.2 16.9 25.3





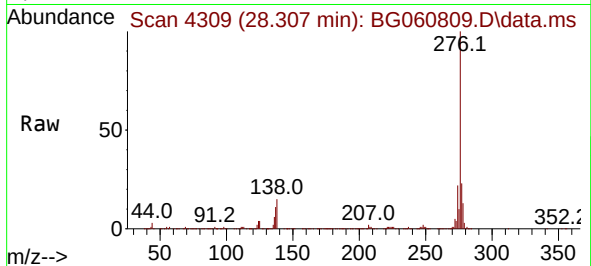
#87
Indeno(1,2,3-cd)pyrene
Concen: 48.140 ng
RT: 28.307 min Scan# 4311
Delta R.T. -0.013 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

Instrument :

BNA_G

ClientSampleId :

280648MSD



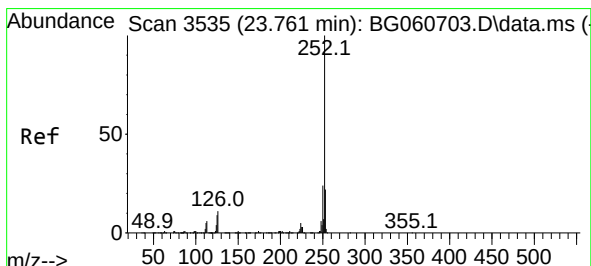
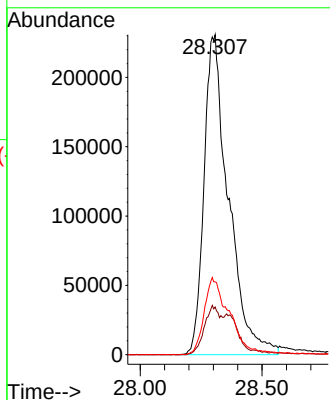
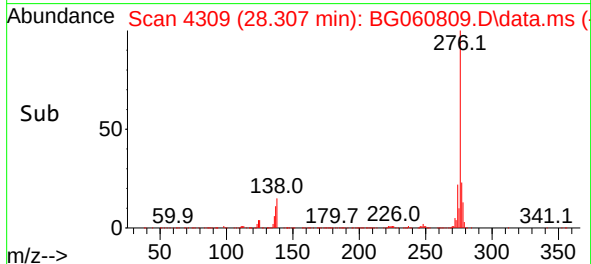
Tgt Ion:276 Resp: 160420
Ion Ratio Lower Upper
276 100
138 10.7 12.4 18.6
277 24.9 20.2 30.2

Manual Integrations

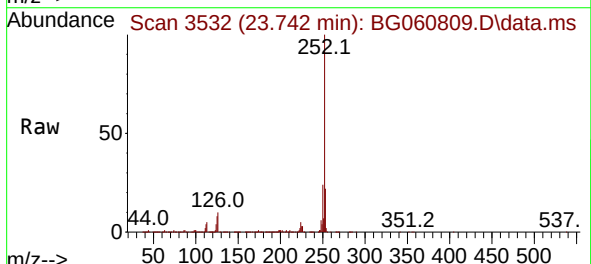
APPROVED

Reviewed By :Yogesh Patel 04/08/2024

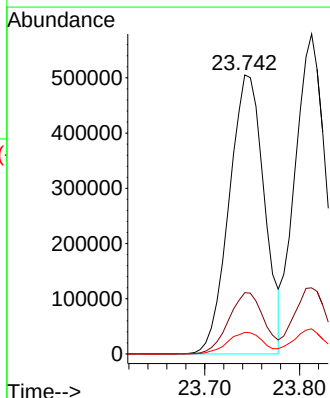
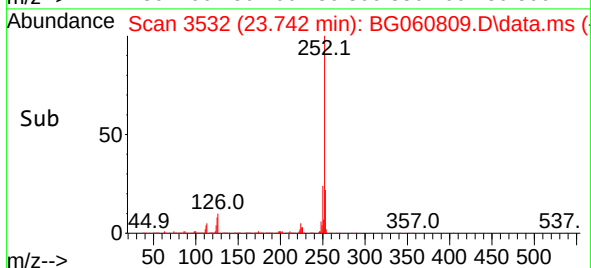
Supervised By :mohammad ahmed 04/08/2024

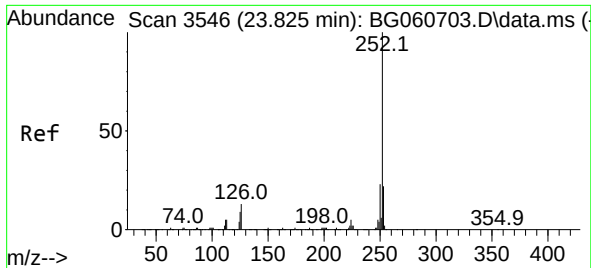


#88
Benzo(b)fluoranthene
Concen: 47.913 ng
RT: 23.742 min Scan# 3532
Delta R.T. -0.018 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31



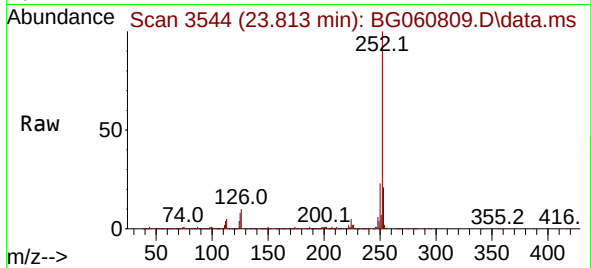
Tgt Ion:252 Resp: 1302564
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 7.8 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 47.052 ng
RT: 23.813 min Scan# 3546
Delta R.T. -0.013 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

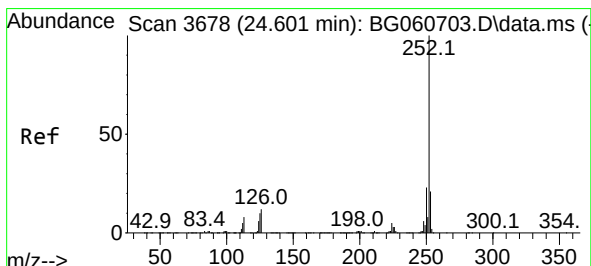
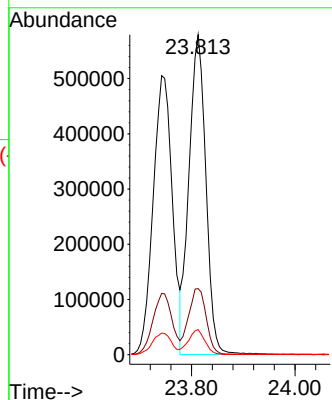
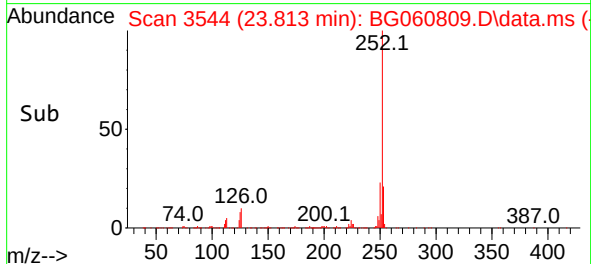
Instrument :
BNA_G
ClientSampleId :
280648MSD



Tgt Ion:252 Resp: 1309258
Ion Ratio Lower Upper
252 100
253 20.7 17.6 26.4
125 7.9 7.5 11.3

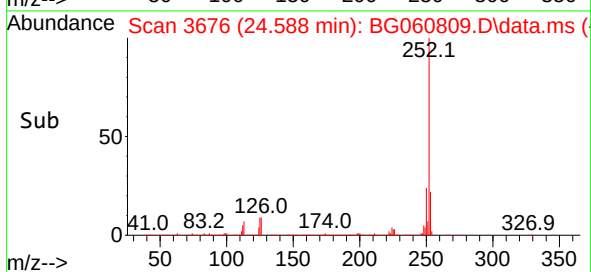
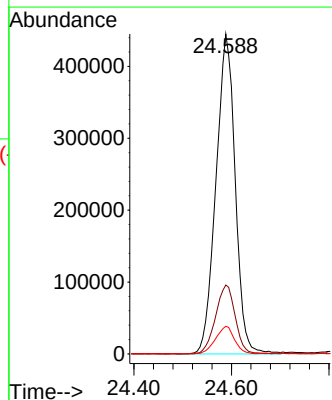
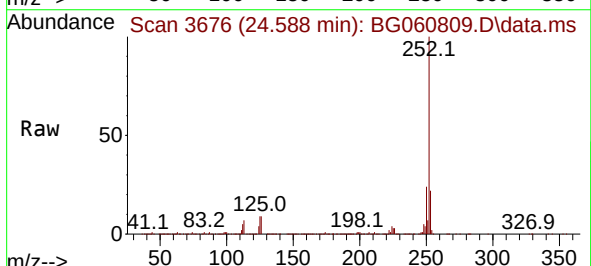
Manual Integrations
APPROVED

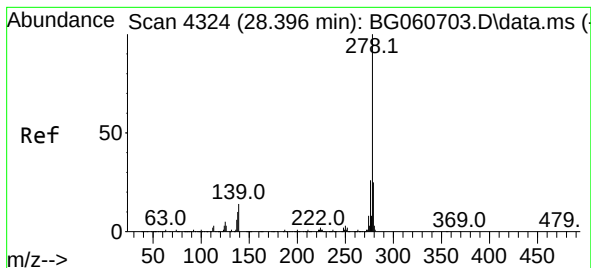
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#90
Benzo(a)pyrene
Concen: 46.210 ng
RT: 24.588 min Scan# 3676
Delta R.T. -0.013 min
Lab File: BG060809.D
Acq: 6 Apr 2024 13:31

Tgt Ion:252 Resp: 1220836
Ion Ratio Lower Upper
252 100
253 21.5 16.8 25.2
125 8.7 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 46.462 ng

RT: 28.378 min Scan# 41

Delta R.T. -0.018 min

Lab File: BG060809.D

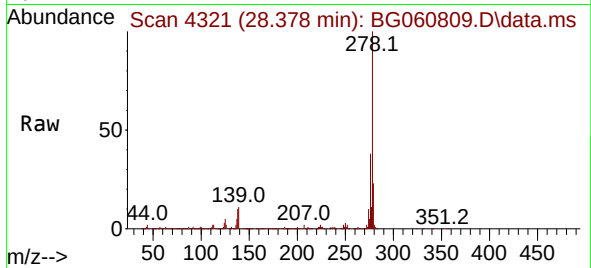
Acq: 6 Apr 2024 13:31

Instrument :

BNA_G

ClientSampleId :

280648MSD



Tgt Ion:278 Resp: 1305189

Ion Ratio Lower Upper

278 100

139 11.4 11.1 16.7

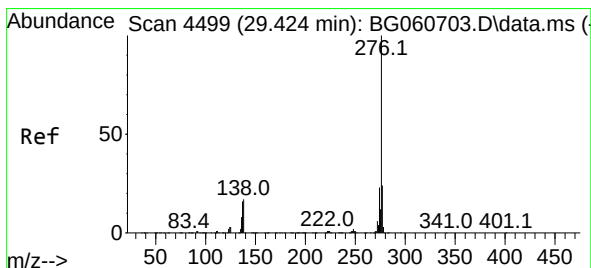
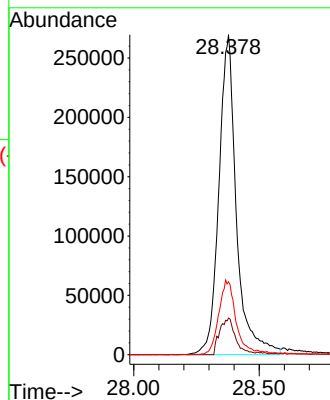
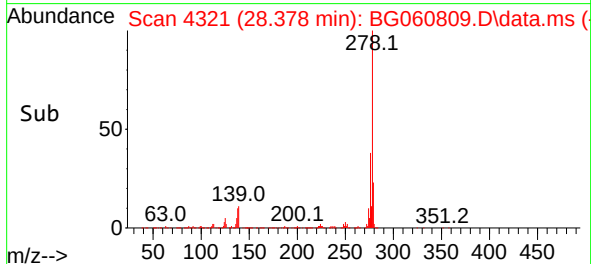
279 22.8 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#92

Benzo(g,h,i)perylene

Concen: 44.665 ng

RT: 29.406 min Scan# 4496

Delta R.T. -0.018 min

Lab File: BG060809.D

Acq: 6 Apr 2024 13:31

Tgt Ion:276 Resp: 1220519

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 15.6 14.0 21.0

