

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
 Data File : BG060279.D
 Acq On : 5 Jan 2024 20:39
 Operator : MA/JU
 Sample : P1040-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2MS

Quant Time: Jan 06 00:45:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/06/2024
 Supervised By :mohammad ahmed 01/06/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	221702	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	853190	20.000	ng	0.00
39) Acenaphthene-d10	14.571	164	612215	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1560699	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1566177	20.000	ng	0.00
86) Perylene-d12	24.753	264	1780178	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	1163456	79.208	ng	0.00
7) Phenol-d6	7.097	99	1886239	86.488	ng	0.00
23) Nitrobenzene-d5	9.095	82	1229034	66.537	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	646234	78.856	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	2880436	67.620	ng	0.00
79) Terphenyl-d14	19.941	244	4561123	55.988	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.407	88	243774	37.302	ng	99
3) Pyridine	3.801	79	624661	33.703	ng	91
4) n-Nitrosodimethylamine	3.719	42	268159	38.784	ng	92
6) Aniline	7.256	93	535989	24.529	ng	97
8) 2-Chlorophenol	7.497	128	608046	43.072	ng	98
9) Benzaldehyde	7.068	77	137977	10.523	ng	92
10) Phenol	7.127	94	948727	43.138	ng	97
11) bis(2-Chloroethyl)ether	7.356	93	683184	38.388	ng	96
12) 1,3-Dichlorobenzene	7.820	146	683222	39.206	ng	98
13) 1,4-Dichlorobenzene	7.967	146	704128	39.967	ng	97
14) 1,2-Dichlorobenzene	8.284	146	684752	39.757	ng	99
15) Benzyl Alcohol	8.172	79	591257	43.677	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.460	45	813532	35.618	ng	98
17) 2-Methylphenol	8.378	107	594314	43.156	ng	96
18) Hexachloroethane	9.013	117	237952	42.885	ng	93
19) n-Nitroso-di-n-propyla...	8.736	70	550451	36.945	ng	99
20) 3+4-Methylphenols	8.701	107	798742	40.924	ng	96
22) Acetophenone	8.754	105	1067870	42.244	ng	# 98
24) Nitrobenzene	9.136	77	791327	41.872	ng	97
25) Isophorone	9.653	82	1488008	38.504	ng	100
26) 2-Nitrophenol	9.847	139	319875	48.504	ng	94
27) 2,4-Dimethylphenol	9.906	122	505716	54.137	ng	97
28) bis(2-Chloroethoxy)met...	10.141	93	928791	41.034	ng	99
29) 2,4-Dichlorophenol	10.382	162	701097	47.488	ng	98
30) 1,2,4-Trichlorobenzene	10.599	180	744446	41.429	ng	99
31) Naphthalene	10.787	128	1850645	41.086	ng	99
32) Benzoic acid	10.047	122	359255	44.097	ng	96
33) 4-Chloroaniline	10.899	127	282772	16.075	ng	98
34) Hexachlorobutadiene	11.069	225	420612	39.357	ng	96
35) Caprolactam	11.668	113	220834m	44.967	ng	
36) 4-Chloro-3-methylphenol	12.021	107	683444	44.982	ng	99
37) 2-Methylnaphthalene	12.397	142	1321808	40.627	ng	99
38) 1-Methylnaphthalene	12.614	142	1312969	39.915	ng	97
40) 1,2,4,5-Tetrachloroben...	12.761	216	872616	44.498	ng	99
41) Hexachlorocyclopentadiene	12.744	237	839133	132.384	ng	98
43) 2,4,6-Trichlorophenol	13.002	196	596302	46.272	ng	97

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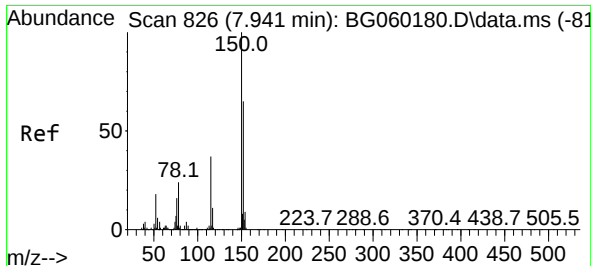
Quant Time: Jan 06 00:45:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.078	196	659279	45.732	ng	97
46) 1,1'-Biphenyl	13.402	154	1996572	44.326	ng	99
47) 2-Chloronaphthalene	13.449	162	1651690	43.040	ng	99
48) 2-Nitroaniline	13.648	65	514791	51.331	ng	96
49) Acenaphthylene	14.295	152	2618982	47.366	ng	99
50) Dimethylphthalate	14.024	163	2026442	42.872	ng	99
51) 2,6-Dinitrotoluene	14.148	165	451761	45.950	ng	97
52) Acenaphthene	14.635	154	1470090	42.607	ng	98
53) 3-Nitroaniline	14.477	138	235771	25.450	ng	95
54) 2,4-Dinitrophenol	14.682	184	488149	84.720	ng	98
55) Dibenzofuran	14.970	168	2540685	43.959	ng	99
56) 4-Nitrophenol	14.788	139	787141	112.409	ng	98
57) 2,4-Dinitrotoluene	14.935	165	646019	48.323	ng	# 100
58) Fluorene	15.623	166	2095399	44.204	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.199	232	609107	48.475	ng	99
60) Diethylphthalate	15.387	149	1992210	44.197	ng	99
61) 4-Chlorophenyl-phenyle...	15.611	204	1035808	41.965	ng	98
62) 4-Nitroaniline	15.646	138	465304	47.656	ng	99
63) Azobenzene	15.905	77	2054131	43.955	ng	98
65) 4,6-Dinitro-2-methylph...	15.699	198	375976	48.145	ng	97
66) n-Nitrosodiphenylamine	15.828	169	1845072	43.872	ng	97
67) 4-Bromophenyl-phenylether	16.510	248	686989	41.518	ng	98
68) Hexachlorobenzene	16.621	284	797331	41.098	ng	96
69) Atrazine	16.780	200	754965	48.843	ng	99
70) Pentachlorophenol	16.968	266	1009869	94.755	ng	96
71) Phenanthrene	17.362	178	3475791	45.056	ng	99
72) Anthracene	17.456	178	3453617	45.070	ng	97
73) Carbazole	17.726	167	3280848	45.142	ng	99
74) Di-n-butylphthalate	18.284	149	3427626	48.667	ng	99
75) Fluoranthene	19.377	202	4104001	45.354	ng	96
77) Benzidine	19.559	184	1656011	38.204	ng	99
78) Pyrene	19.741	202	4265632	40.517	ng	95
80) Butylbenzylphthalate	20.628	149	1702409	54.840	ng	98
81) Benzo(a)anthracene	21.568	228	4292636	43.108	ng	96
82) 3,3'-Dichlorobenzidine	21.486	252	922629	25.479	ng	98
83) Chrysene	21.633	228	4087104	42.247	ng	96
84) Bis(2-ethylhexyl)phtha...	21.474	149	2511994	53.360	ng	97
85) Di-n-octyl phthalate	22.667	149	4209800	54.630	ng	99
87) Indeno(1,2,3-cd)pyrene	28.372	276	5673620	45.206	ng	100
88) Benzo(b)fluoranthene	23.748	252	4605138	43.047	ng	98
89) Benzo(k)fluoranthene	23.819	252	4531626	42.087	ng	99
90) Benzo(a)pyrene	24.612	252	4196228	43.356	ng	99
91) Dibenzo(a,h)anthracene	28.443	278	4588746	44.498	ng	99
92) Benzo(g,h,i)perylene	29.512	276	4487790	42.964	ng	100

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



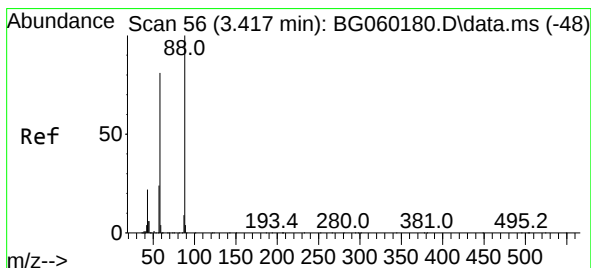
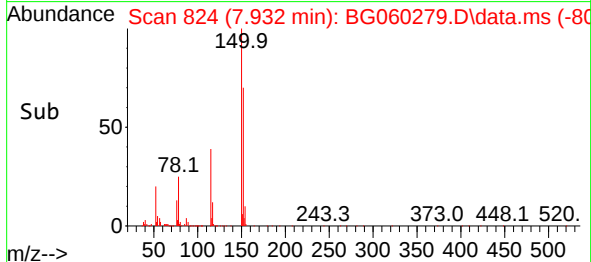
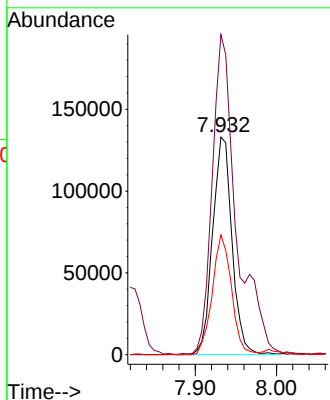
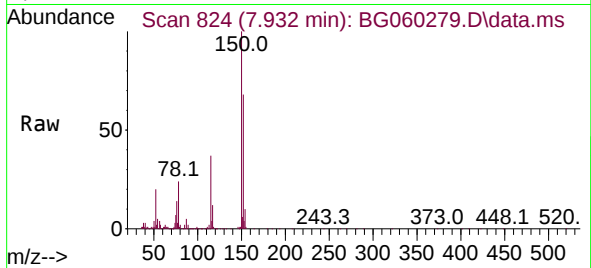
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.932 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Instrument :
BNA_G
ClientSampleId :
COMP-2MS

Tgt Ion:152 Resp: 22170
Ion Ratio Lower Upper
152 100
150 147.0 123.4 185.0
115 55.0 45.4 68.0

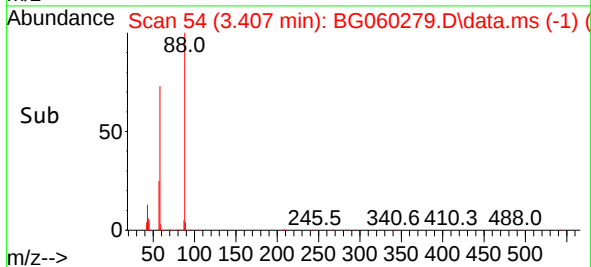
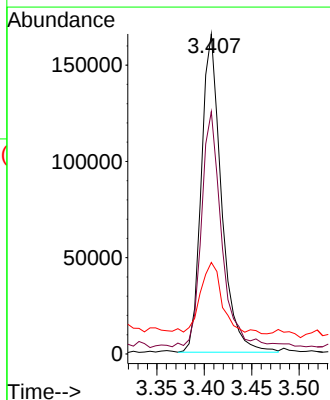
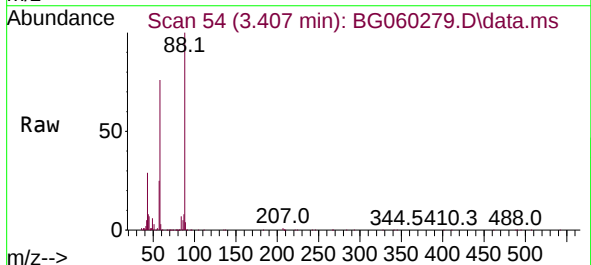
Manual Integrations
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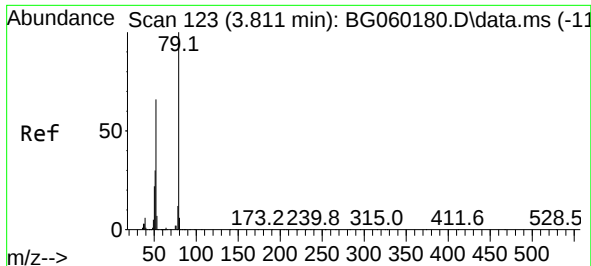
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#2
1,4-Dioxane
Concen: 37.302 ng
RT: 3.407 min Scan# 54
Delta R.T. -0.010 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

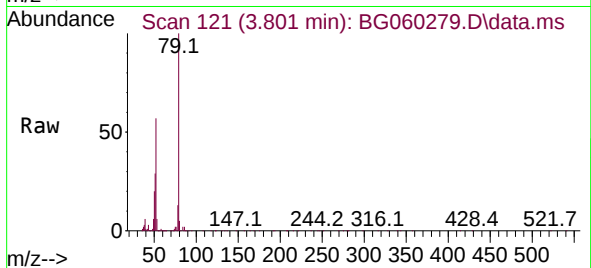
Tgt Ion: 88 Resp: 243774
Ion Ratio Lower Upper
88 100
58 74.8 60.5 90.7
43 24.3 18.9 28.3





#3
Pyridine
Concen: 33.703 ng
RT: 3.801 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

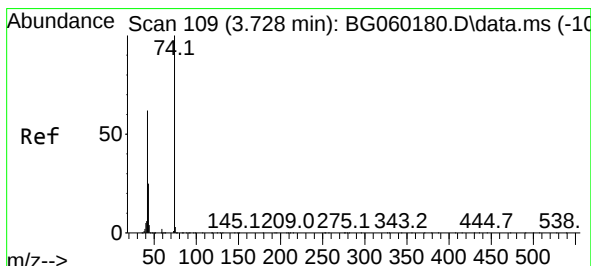
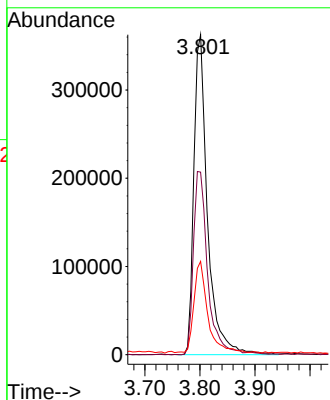
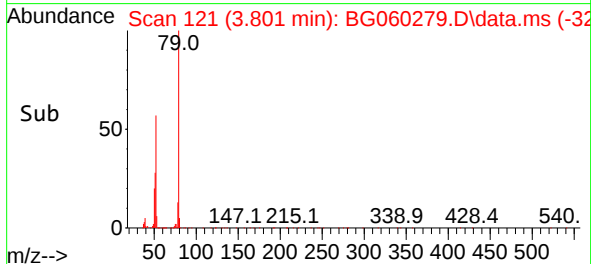
Instrument :
BNA_G
ClientSampleId :
COMP-2MS



Tgt Ion: 79 Resp: 62466
Ion Ratio Lower Upper
79 100
52 57.1 52.9 79.3
51 29.2 24.6 37.0

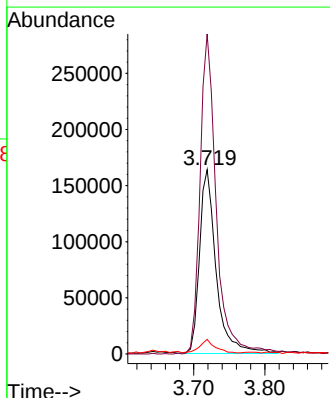
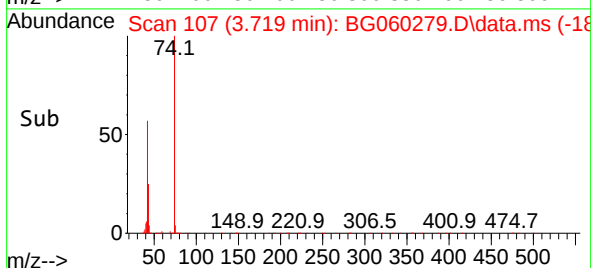
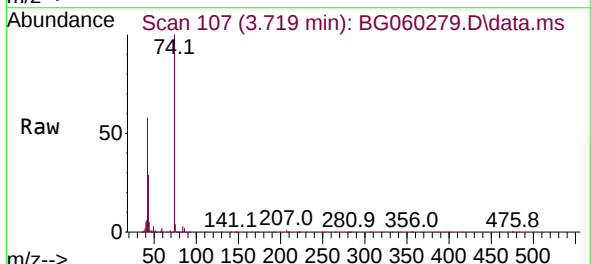
Manual Integrations
APPROVED

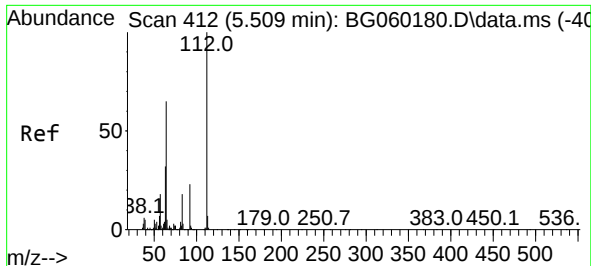
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#4
n-Nitrosodimethylamine
Concen: 38.784 ng
RT: 3.719 min Scan# 107
Delta R.T. -0.010 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Tgt Ion: 42 Resp: 268159
Ion Ratio Lower Upper
42 100
74 173.5 129.5 194.3
44 7.9 5.9 8.9





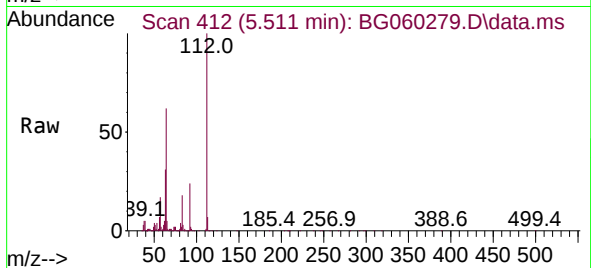
#5
2-Fluorophenol
Concen: 79.208 ng
RT: 5.511 min Scan# 412
Delta R.T. 0.002 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Instrument :

BNA_G

ClientSampleId :

COMP-2MS



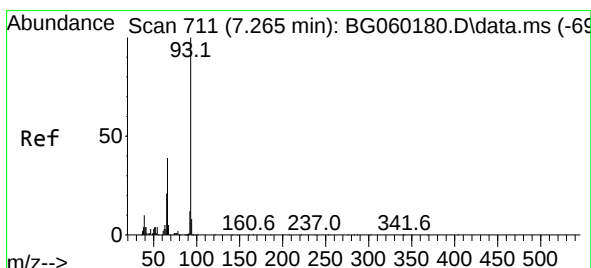
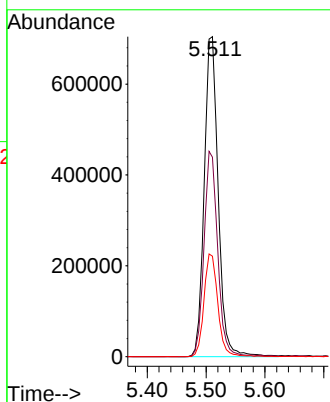
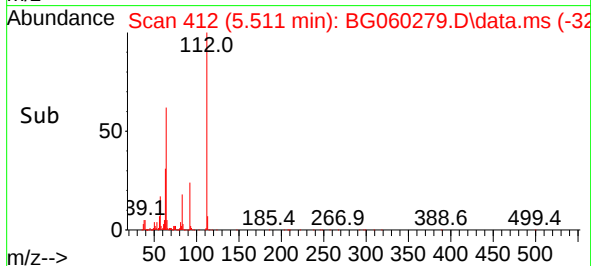
Tgt Ion: 112 Resp: 1163450
Ion Ratio Lower Upper
112 100
64 62.3 52.2 78.4
63 31.4 25.4 38.0

Manual Integrations

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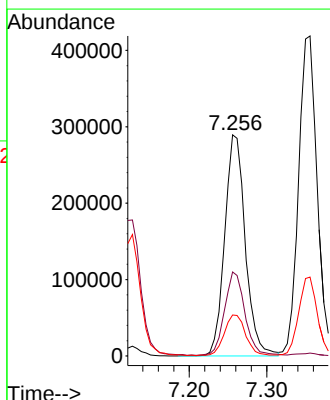
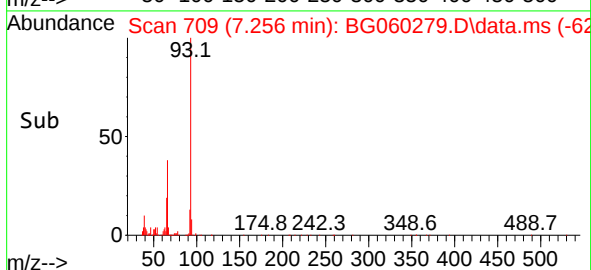
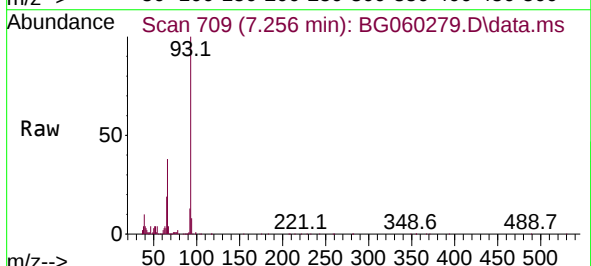
Reviewed By :Yogesh Patel 01/06/2024

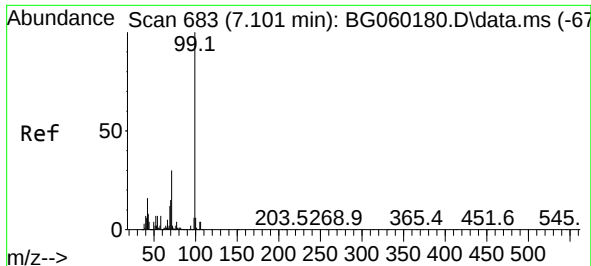
Supervised By :mohammad ahmed 01/06/2024



#6
Aniline
Concen: 24.529 ng
RT: 7.256 min Scan# 709
Delta R.T. -0.010 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

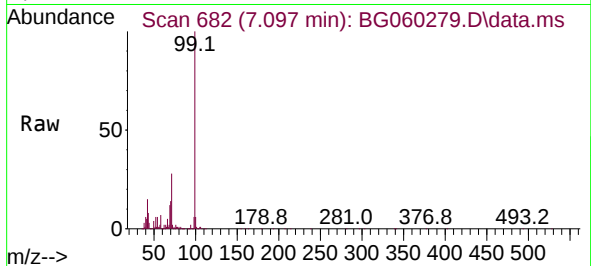
Tgt Ion: 93 Resp: 535989
Ion Ratio Lower Upper
93 100
66 38.0 31.7 47.5
65 18.5 16.7 25.1





#7
Phenol-d6
Concen: 86.488 ng
RT: 7.097 min Scan# 682
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

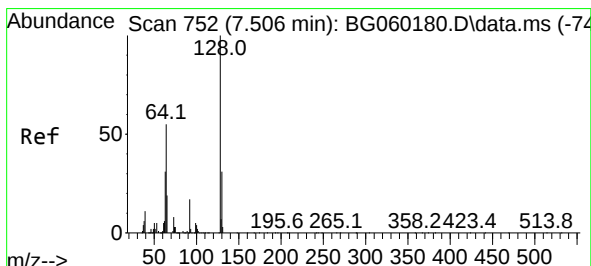
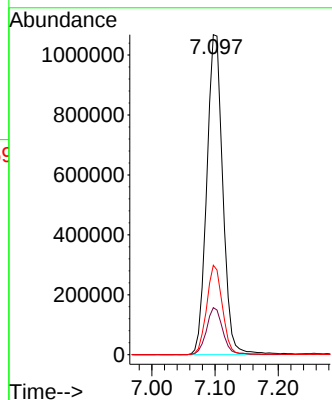
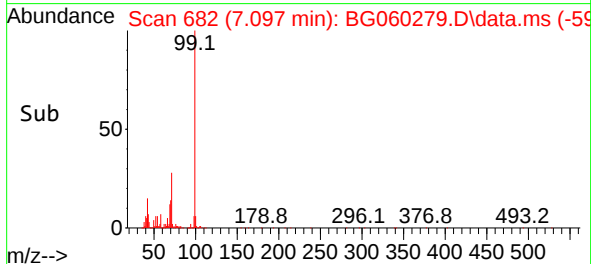
Instrument :
BNA_G
ClientSampleId :
COMP-2MS



Tgt Ion: 99 Resp: 1886239
Ion Ratio Lower Upper
99 100
42 14.7 12.5 18.7
71 27.9 24.1 36.1

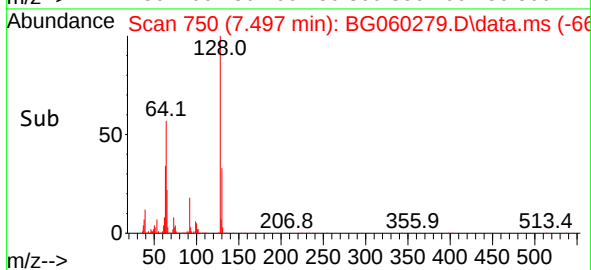
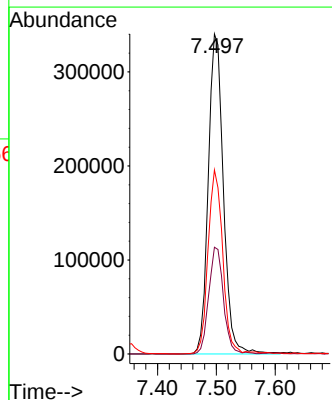
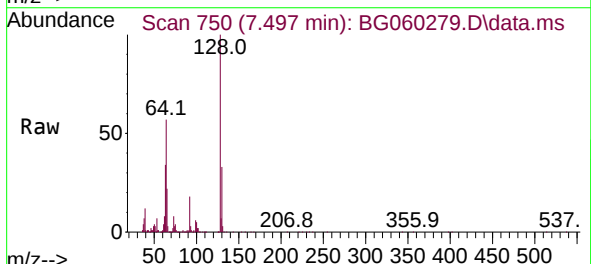
Manual Integrations
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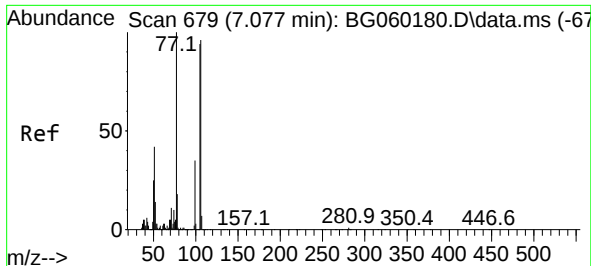
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#8
2-Chlorophenol
Concen: 43.072 ng
RT: 7.497 min Scan# 750
Delta R.T. -0.010 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

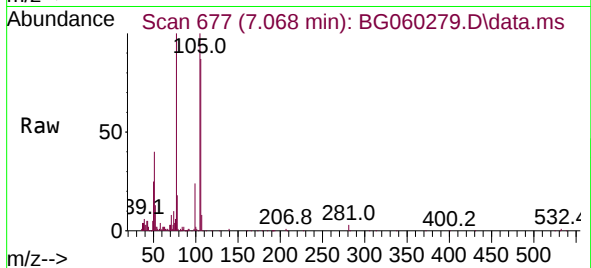
Tgt Ion:128 Resp: 608046
Ion Ratio Lower Upper
128 100
130 33.3 11.3 51.3
64 57.5 36.4 76.4





#9
Benzaldehyde
Concen: 10.523 ng
RT: 7.068 min Scan# 61
Delta R.T. -0.010 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

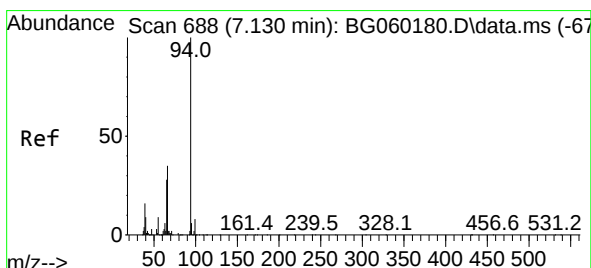
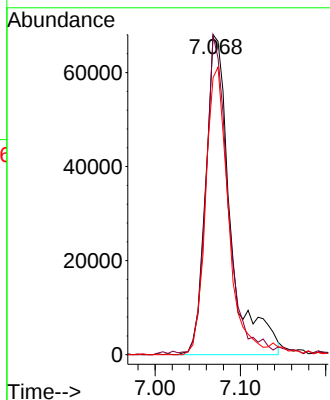
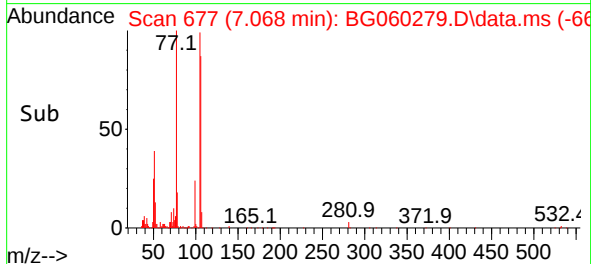
Instrument :
BNA_G
ClientSampleId :
COMP-2MS



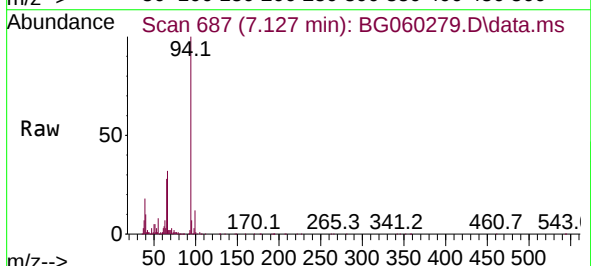
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Ion Ratio Lower Upper
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105 99.7 73.8 113.8
106 86.6 76.2 116.2

Manual Integrations
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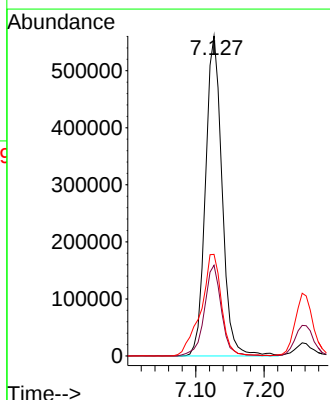
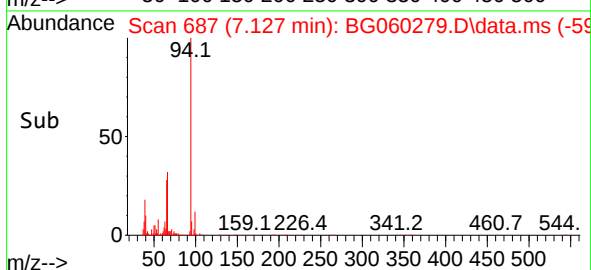
Reviewed By :Yogesh Patel 01/06/2024
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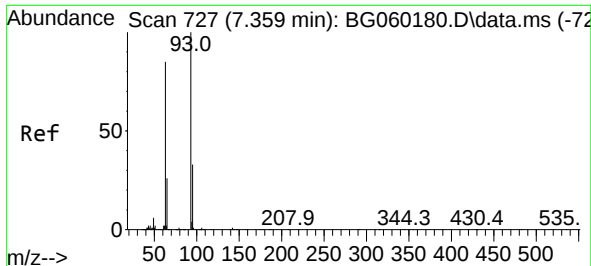


#10
Phenol
Concen: 43.138 ng
RT: 7.127 min Scan# 687
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39



Tgt Ion: 94 Resp: 948727
Ion Ratio Lower Upper
94 100
65 28.4 8.4 48.4
66 31.8 15.0 55.0





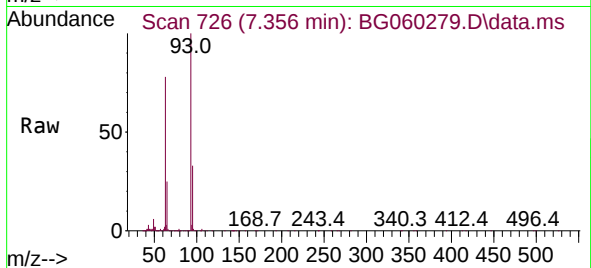
#11
bis(2-Chloroethyl)ether
Concen: 38.388 ng
RT: 7.356 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Instrument :

BNA_G

ClientSampleId :

COMP-2MS



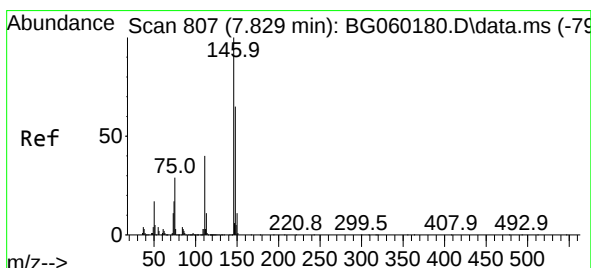
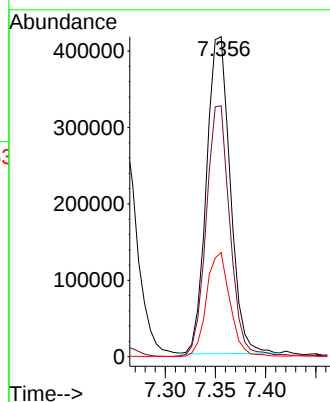
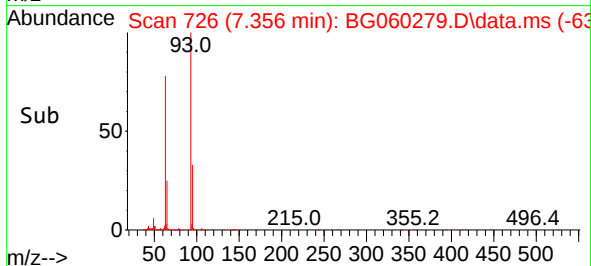
Tgt Ion: 93 Resp: 683184
Ion Ratio Lower Upper
93 100
63 78.4 63.8 103.8
95 32.5 12.3 52.3

Manual Integrations

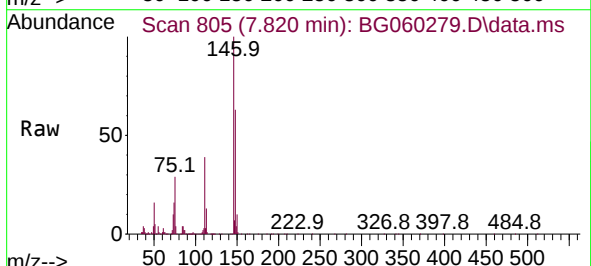
APPROVED

Reviewed By :Yogesh Patel 01/06/2024

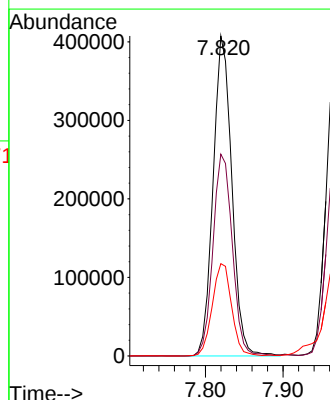
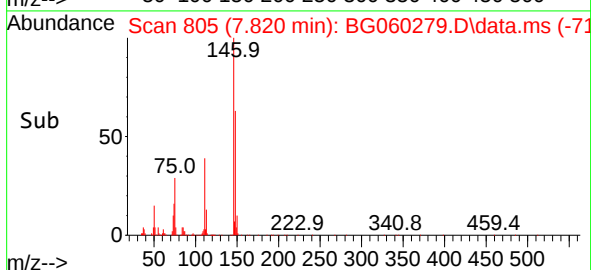
Supervised By :mohammad ahmed 01/06/2024

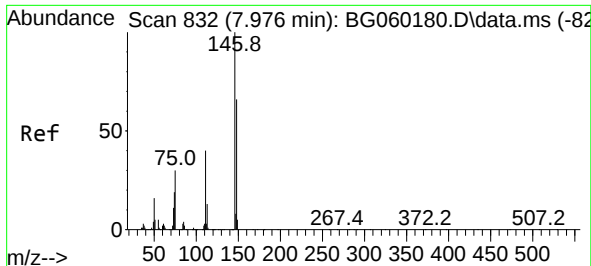


#12
1,3-Dichlorobenzene
Concen: 39.206 ng
RT: 7.820 min Scan# 805
Delta R.T. -0.010 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39



Tgt Ion:146 Resp: 683222
Ion Ratio Lower Upper
146 100
148 63.1 52.2 78.4
75 28.8 23.4 35.2





#13
1,4-Dichlorobenzene
Concen: 39.967 ng
RT: 7.967 min Scan# 811
Delta R.T. -0.010 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Instrument :

BNA_G

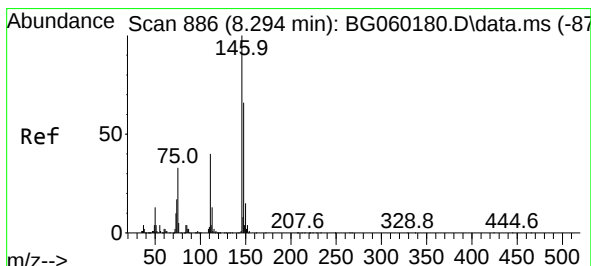
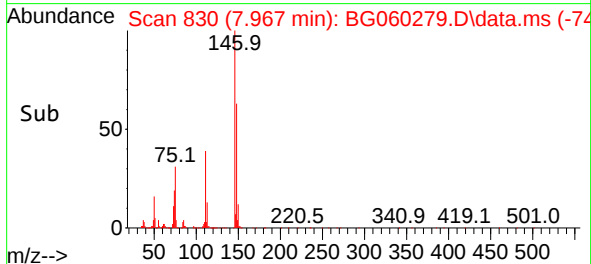
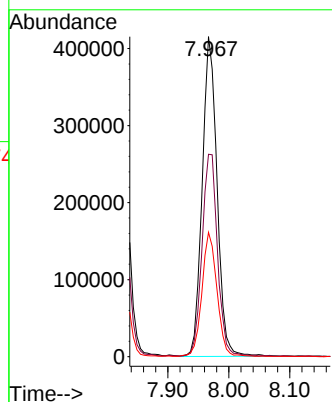
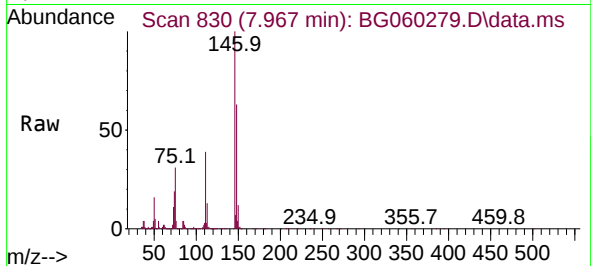
ClientSampleId :

COMP-2MS

Tgt Ion:146 Resp: 704128
Ion Ratio Lower Upper
146 100
148 63.3 53.0 79.4
111 38.9 32.0 48.0

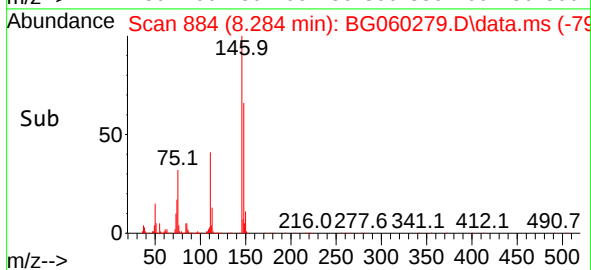
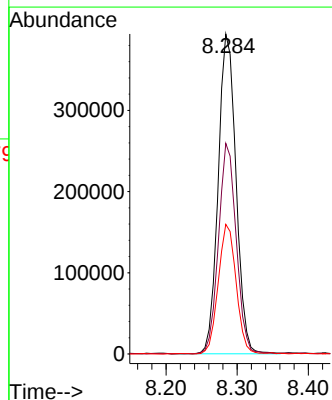
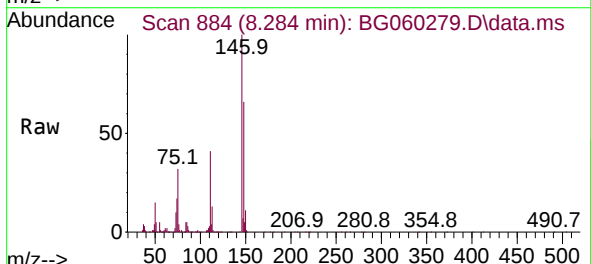
Manual Integrations
APPROVED

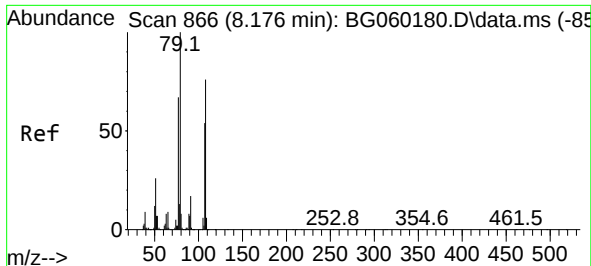
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#14
1,2-Dichlorobenzene
Concen: 39.757 ng
RT: 8.284 min Scan# 884
Delta R.T. -0.010 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Tgt Ion:146 Resp: 684752
Ion Ratio Lower Upper
146 100
148 65.8 52.9 79.3
111 40.5 31.8 47.8





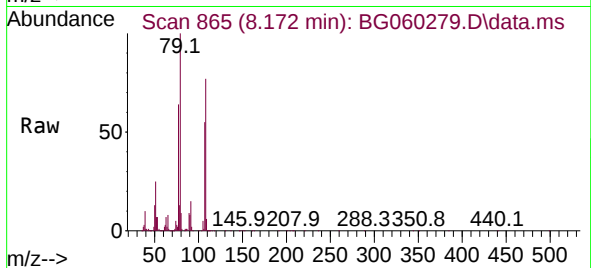
#15
Benzyl Alcohol
Concen: 43.677 ng
RT: 8.172 min Scan# 80
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Instrument :

BNA_G

ClientSampleId :

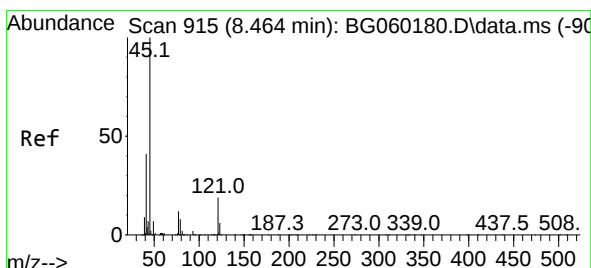
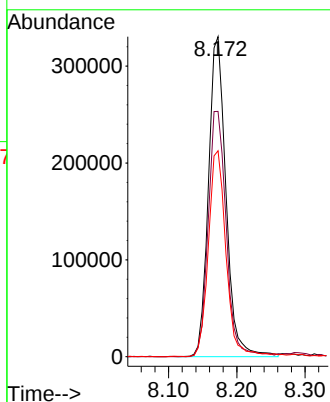
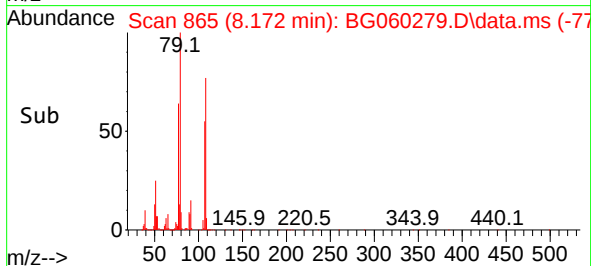
COMP-2MS



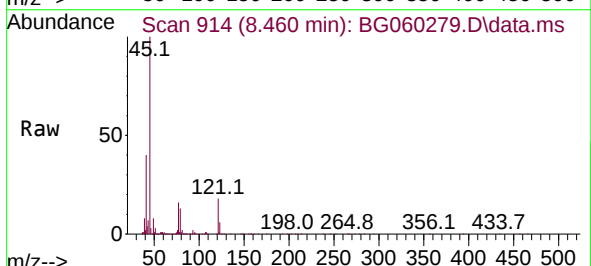
Tgt Ion: 79 Resp: 59125
Ion Ratio Lower Upper
79 100
108 76.6 60.6 91.0
77 64.3 53.8 80.6

Manual Integrations
APPROVED

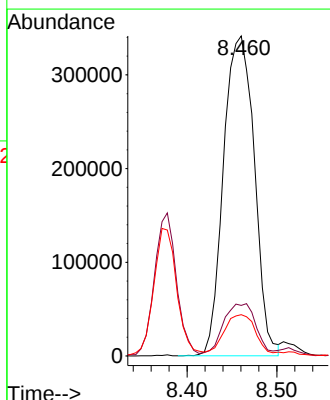
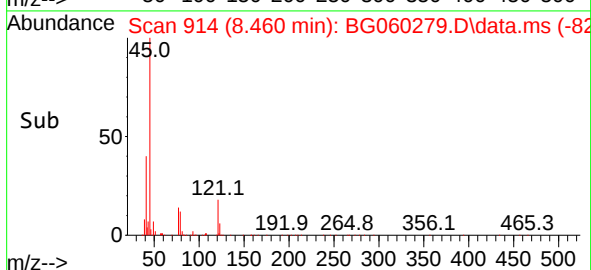
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

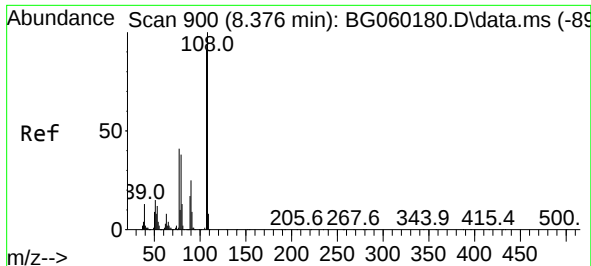


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.618 ng
RT: 8.460 min Scan# 914
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39



Tgt Ion: 45 Resp: 813532
Ion Ratio Lower Upper
45 100
77 15.8 0.0 35.5
79 12.9 0.0 31.5





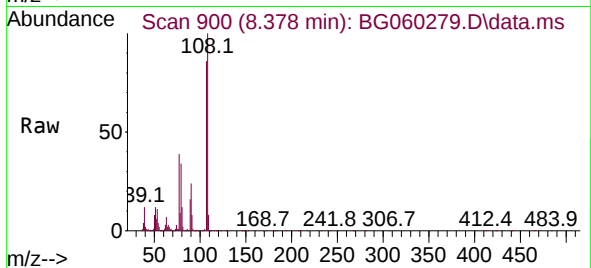
#17
2-Methylphenol
Concen: 43.156 ng
RT: 8.378 min Scan# 900
Delta R.T. 0.002 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Instrument :

BNA_G

ClientSampleId :

COMP-2MS



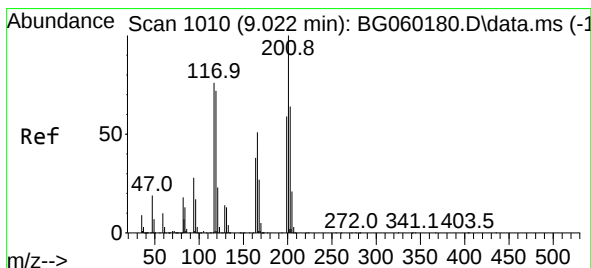
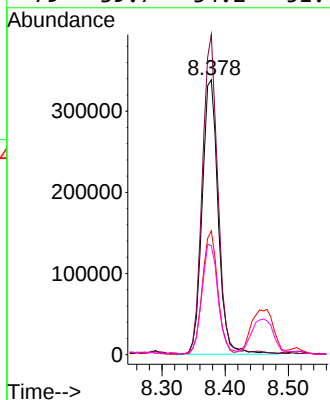
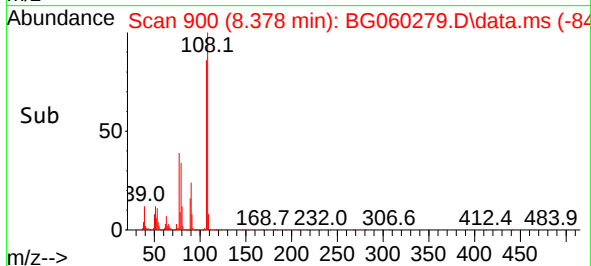
Tgt Ion:107 Resp: 594314
Ion Ratio Lower Upper
107 100
108 116.4 88.7 133.1
77 45.1 36.4 54.6
79 39.7 34.2 51.4

Manual Integrations

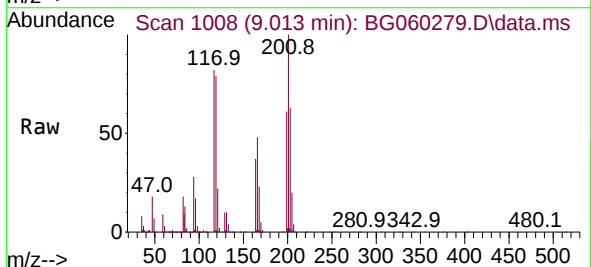
APPROVED

Reviewed By :Yogesh Patel 01/06/2024

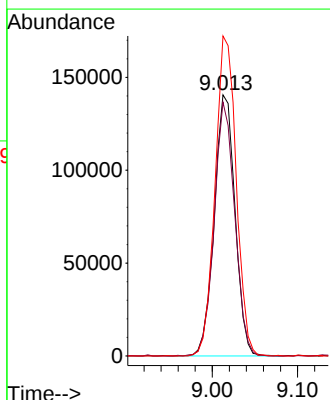
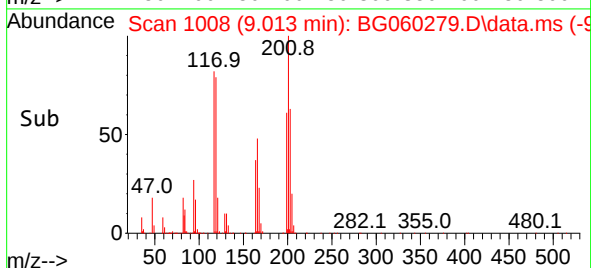
Supervised By :mohammad ahmed 01/06/2024

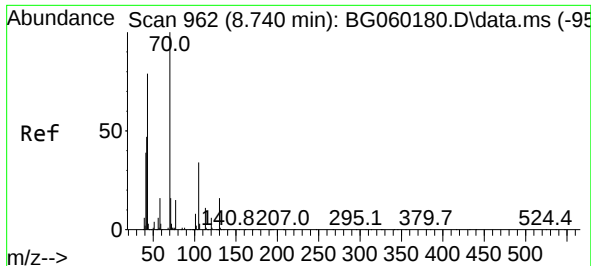


#18
Hexachloroethane
Concen: 42.885 ng
RT: 9.013 min Scan# 1008
Delta R.T. -0.010 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39



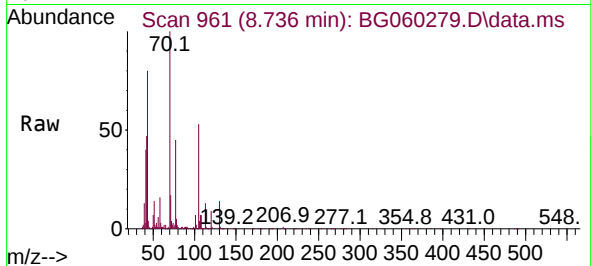
Tgt Ion:117 Resp: 237952
Ion Ratio Lower Upper
117 100
119 97.2 76.0 114.0
201 122.5 107.5 161.3





#19
n-Nitroso-di-n-propylamine
Concen: 36.945 ng
RT: 8.736 min Scan# 90
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

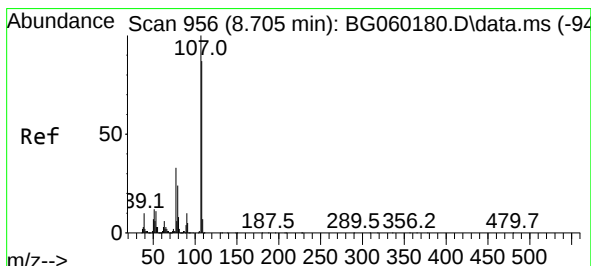
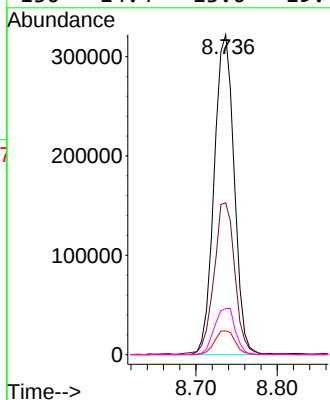
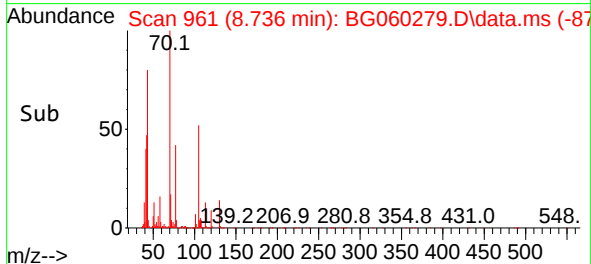
Instrument :
BNA_G
ClientSampleId :
COMP-2MS



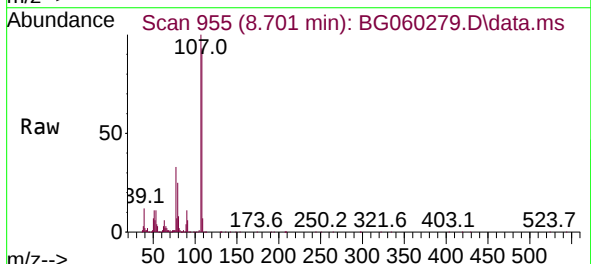
Tgt Ion: 70 Resp: 55045
Ion Ratio Lower Upper
70 100
42 47.5 37.9 56.9
101 7.4 6.2 9.2
130 14.4 13.0 19.4

Manual Integrations
APPROVED

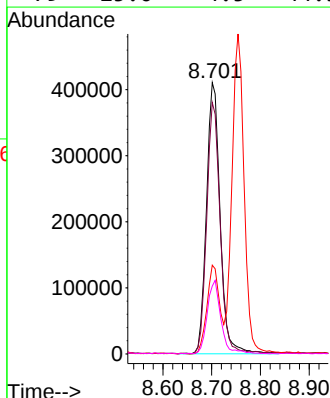
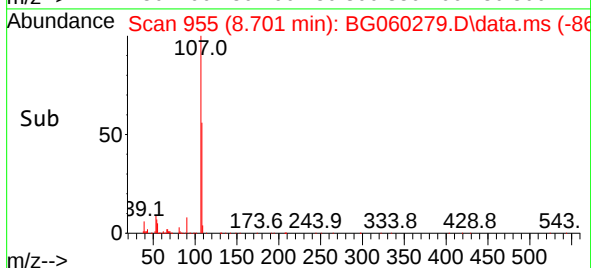
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

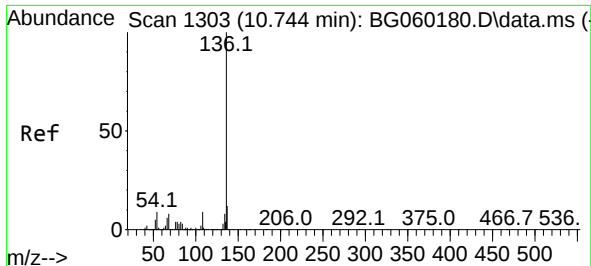


#20
3+4-Methylphenols
Concen: 40.924 ng
RT: 8.701 min Scan# 955
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39



Tgt Ion:107 Resp: 798742
Ion Ratio Lower Upper
107 100
108 92.6 67.4 107.4
77 32.7 12.8 52.8
79 25.0 4.5 44.5





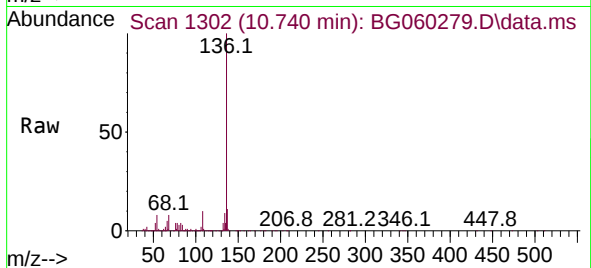
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 1303
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Instrument :

BNA_G

ClientSampleId :

COMP-2MS

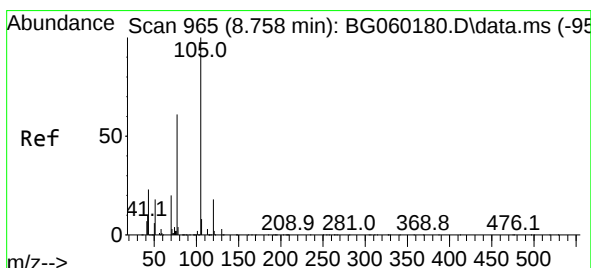
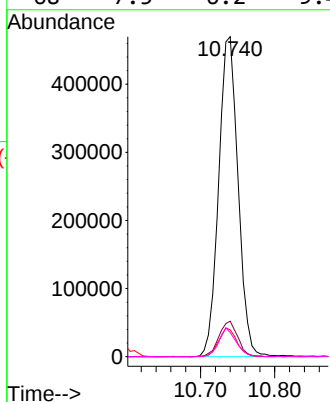
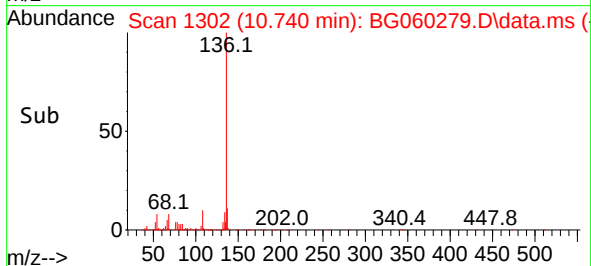


Tgt Ion:136 Resp: 853190
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.0
54 8.3 7.4 11.2
68 7.5 6.2 9.4

Manual Integrations

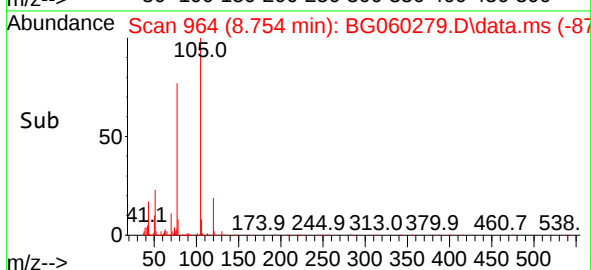
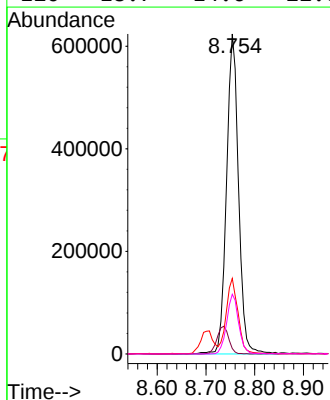
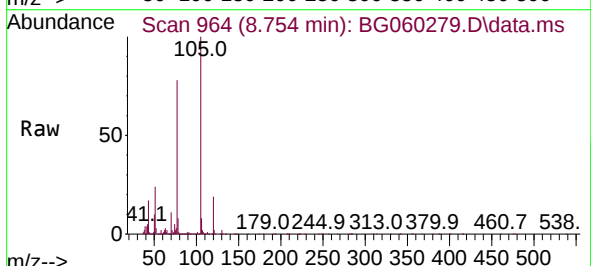
APPROVED

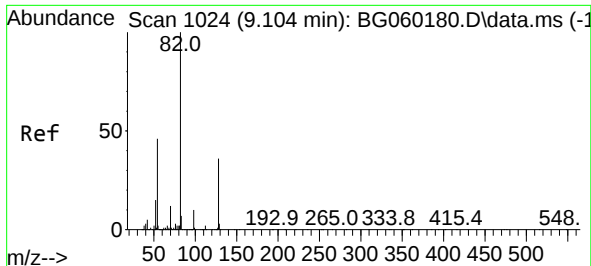
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#22
Acetophenone
Concen: 42.244 ng
RT: 8.754 min Scan# 964
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

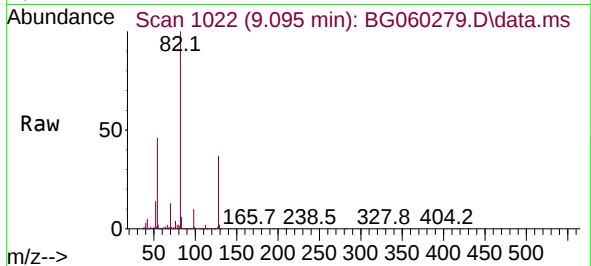
Tgt Ion:105 Resp: 1067870
Ion Ratio Lower Upper
105 100
71 1.7 2.6 3.8#
51 23.6 20.0 30.0
120 18.7 14.6 22.0





#23
Nitrobenzene-d5
Concen: 66.537 ng
RT: 9.095 min Scan# 1022
Delta R.T. -0.010 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

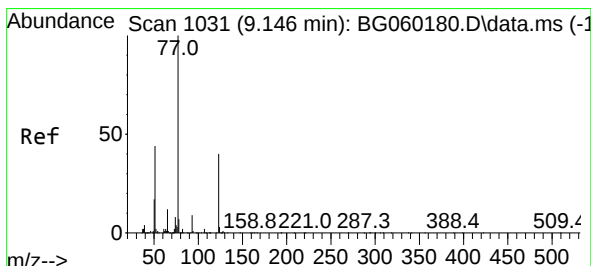
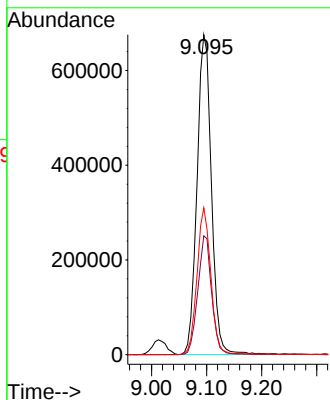
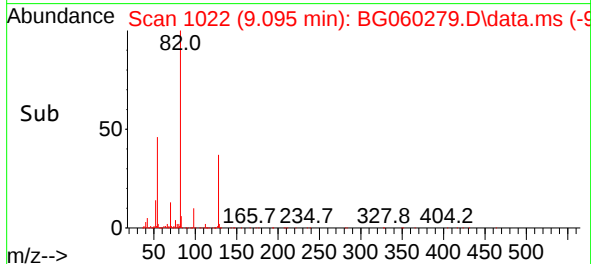
Instrument :
BNA_G
ClientSampleId :
COMP-2MS



Tgt Ion: 82 Resp: 1229034
Ion Ratio Lower Upper
82 100
128 37.2 28.7 43.1
54 45.9 36.9 55.3

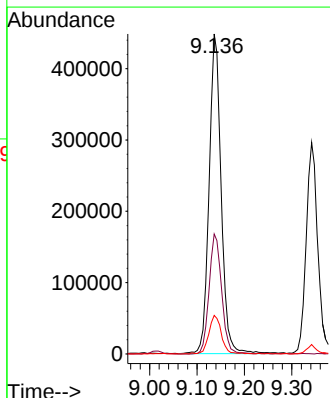
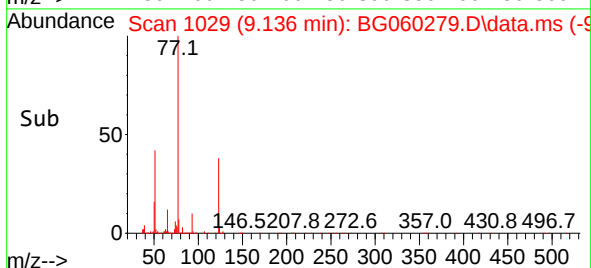
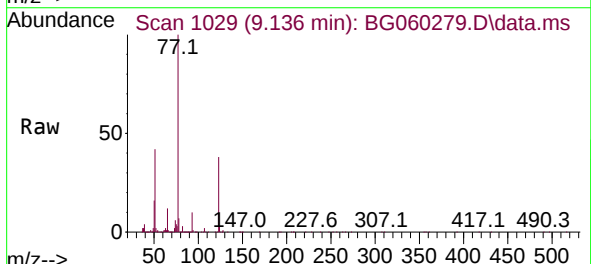
Manual Integrations
APPROVED

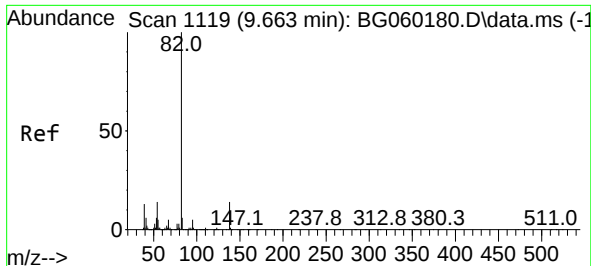
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#24
Nitrobenzene
Concen: 41.872 ng
RT: 9.136 min Scan# 1029
Delta R.T. -0.010 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

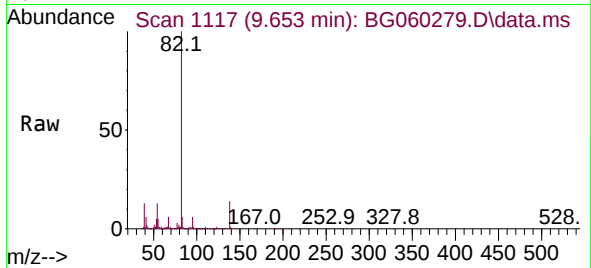
Tgt Ion: 77 Resp: 791327
Ion Ratio Lower Upper
77 100
123 37.5 31.9 47.9
65 12.0 9.9 14.9





#25
Isophorone
Concen: 38.504 ng
RT: 9.653 min Scan# 1119
Delta R.T. -0.010 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

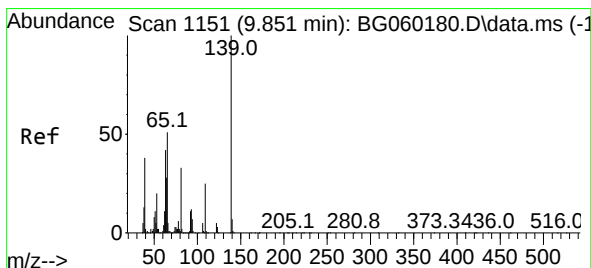
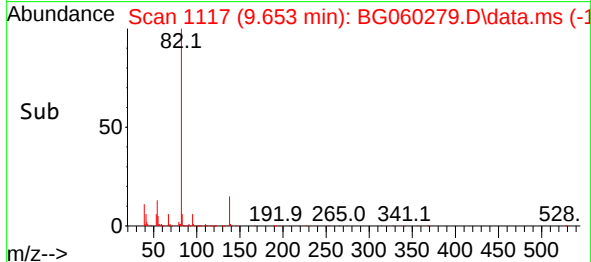
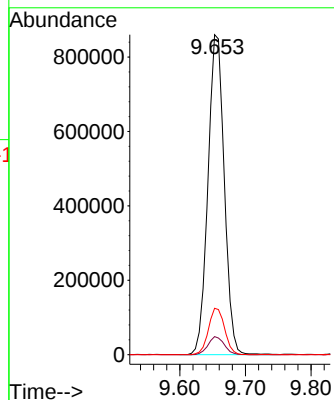
Instrument :
BNA_G
ClientSampleId :
COMP-2MS



Tgt Ion: 82 Resp: 1488008
Ion Ratio Lower Upper
82 100
95 5.6 4.4 6.6
138 14.5 11.5 17.3

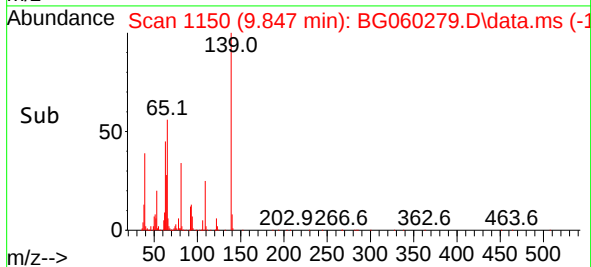
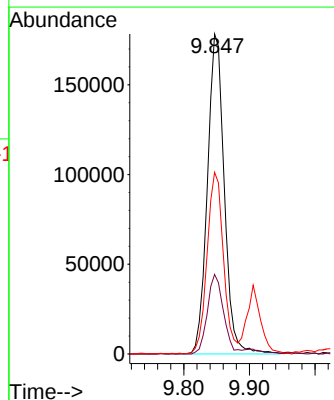
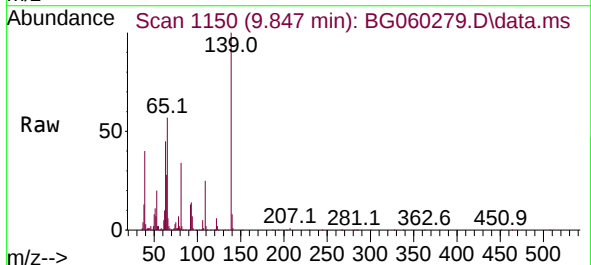
Manual Integrations
APPROVED

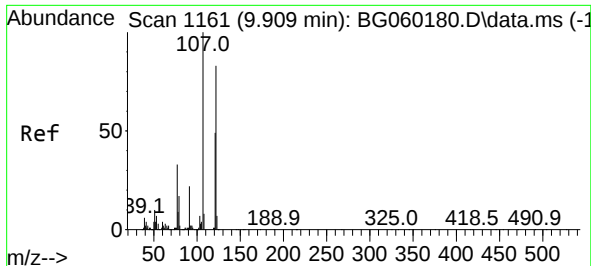
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#26
2-Nitrophenol
Concen: 48.504 ng
RT: 9.847 min Scan# 1150
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Tgt Ion:139 Resp: 319875
Ion Ratio Lower Upper
139 100
109 24.9 19.8 29.8
65 56.7 40.8 61.2





#27

2,4-Dimethylphenol

Concen: 54.137 ng

RT: 9.906 min Scan# 1161

Delta R.T. -0.004 min

Lab File: BG060279.D

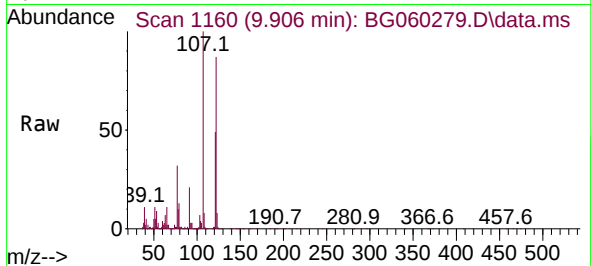
Acq: 5 Jan 2024 20:39

Instrument :

BNA_G

ClientSampleId :

COMP-2MS



Tgt Ion:122 Resp: 505710

Ion Ratio Lower Upper

122 100

107 115.0 95.8 143.6

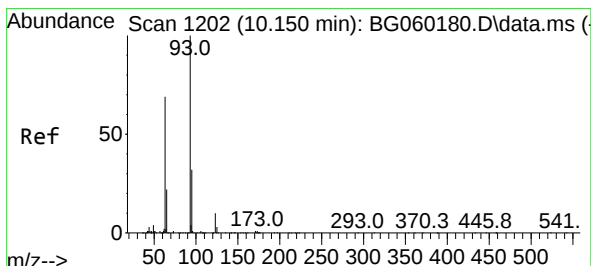
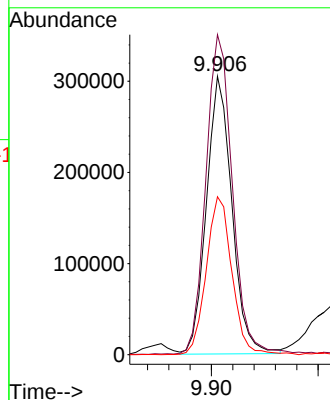
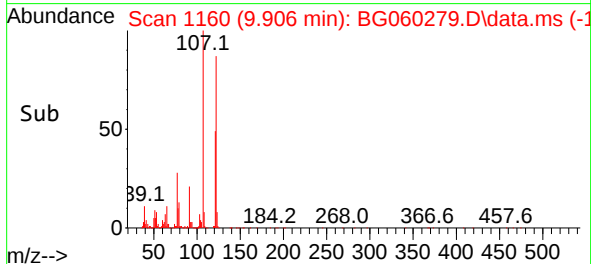
121 56.8 46.2 69.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#28

bis(2-Chloroethoxy)methane

Concen: 41.034 ng

RT: 10.141 min Scan# 1200

Delta R.T. -0.010 min

Lab File: BG060279.D

Acq: 5 Jan 2024 20:39

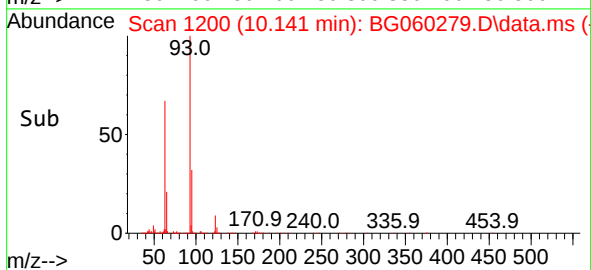
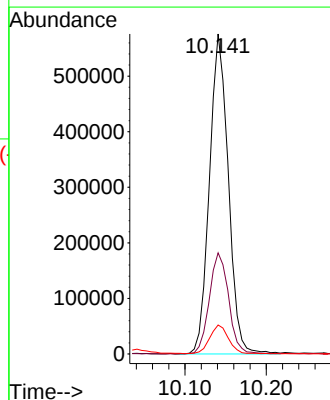
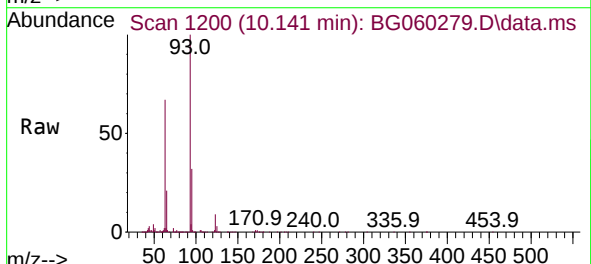
Tgt Ion: 93 Resp: 928791

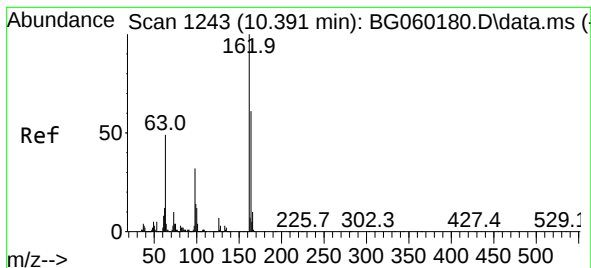
Ion Ratio Lower Upper

93 100

95 31.6 25.8 38.6

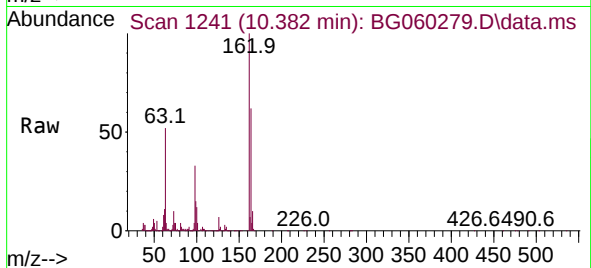
123 9.1 7.8 11.6





#29
2,4-Dichlorophenol
Concen: 47.488 ng
RT: 10.382 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

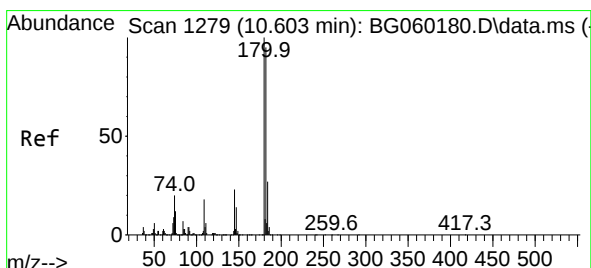
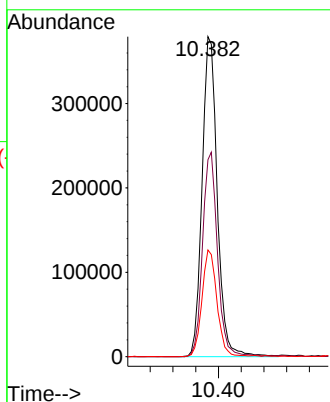
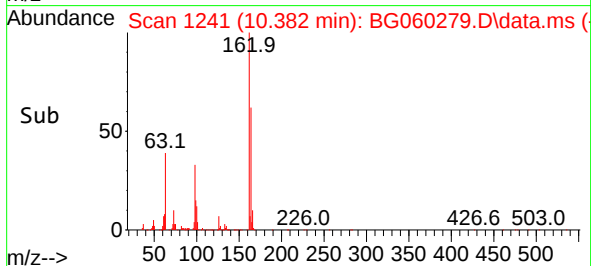
Instrument :
BNA_G
ClientSampleId :
COMP-2MS



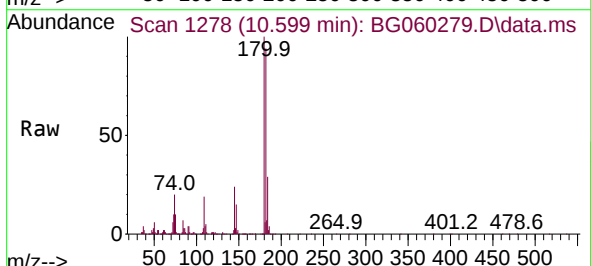
Tgt Ion:162 Resp: 70109
Ion Ratio Lower Upper
162 100
164 61.6 40.7 80.7
98 33.3 11.7 51.7

Manual Integrations
APPROVED

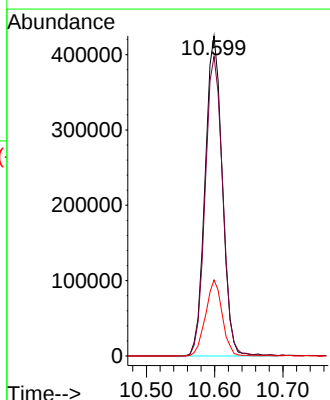
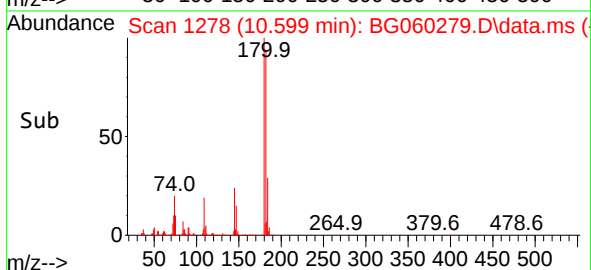
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

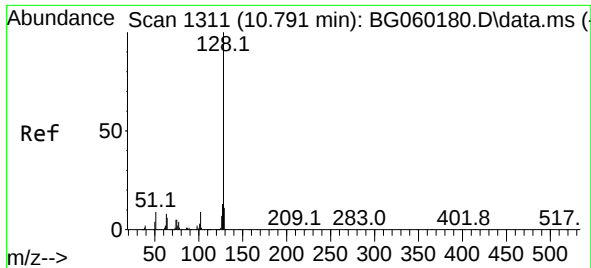


#30
1,2,4-Trichlorobenzene
Concen: 41.429 ng
RT: 10.599 min Scan# 1278
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39



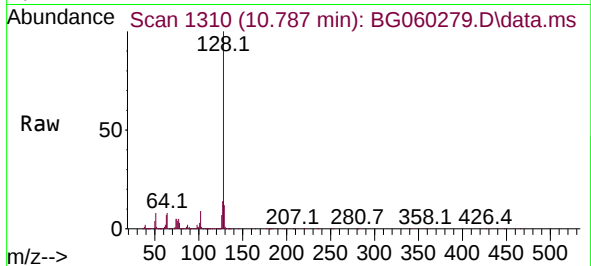
Tgt Ion:180 Resp: 744446
Ion Ratio Lower Upper
180 100
182 93.6 75.7 113.5
145 23.7 18.4 27.6





#31
Naphthalene
Concen: 41.086 ng
RT: 10.787 min Scan# 1110
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

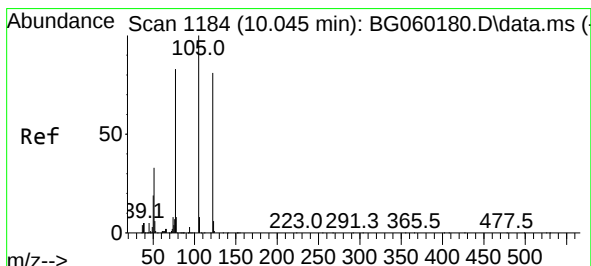
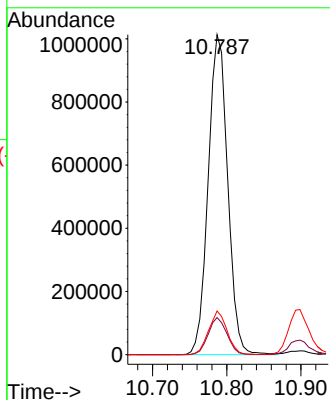
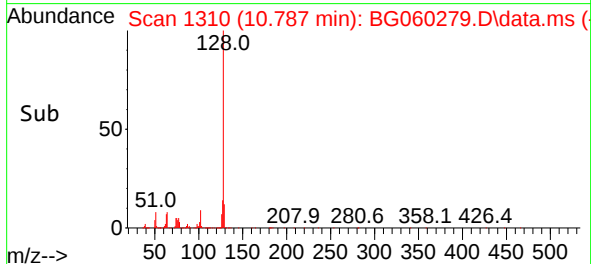
Instrument :
BNA_G
ClientSampleId :
COMP-2MS



Tgt Ion:128 Resp: 185064
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.6 10.6 16.0

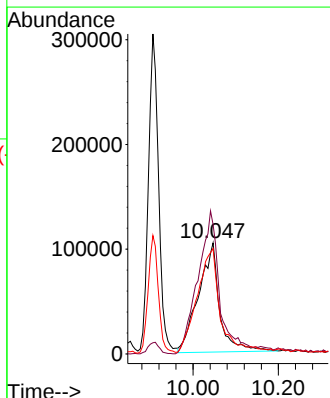
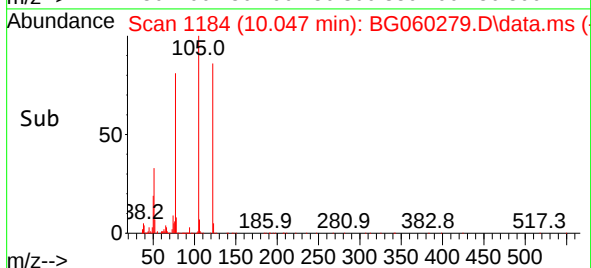
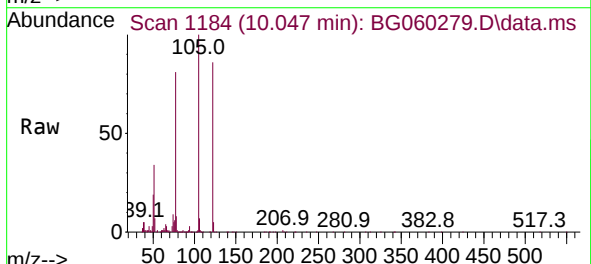
Manual Integrations
APPROVED

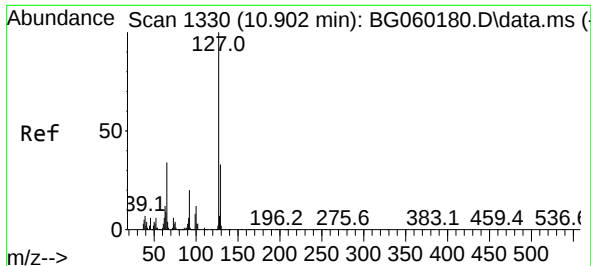
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#32
Benzoic acid
Concen: 44.097 ng
RT: 10.047 min Scan# 1184
Delta R.T. 0.002 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Tgt Ion:122 Resp: 359255
Ion Ratio Lower Upper
122 100
105 116.7 99.2 139.2
77 94.9 81.0 121.0





#33
4-Chloroaniline
Concen: 16.075 ng
RT: 10.899 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Instrument :

BNA_G

ClientSampleId :

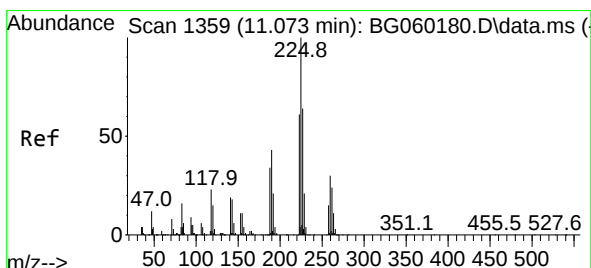
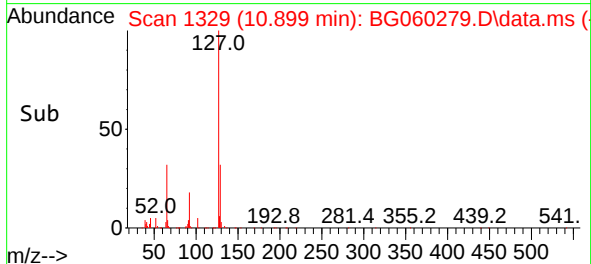
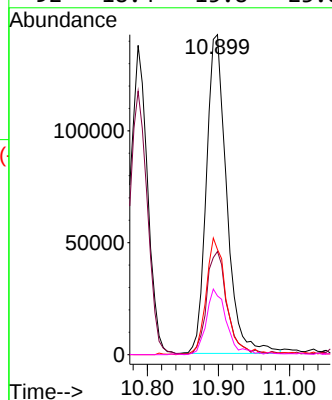
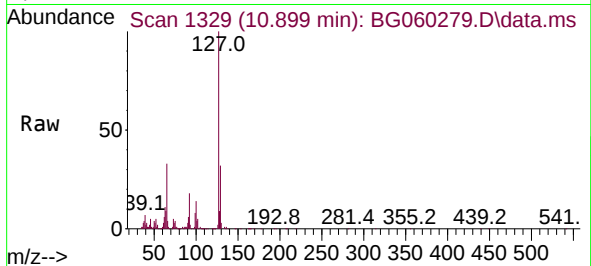
COMP-2MS

Tgt Ion:127 Resp: 282772
Ion Ratio Lower Upper
127 100
129 32.2 26.0 39.0
65 32.8 27.4 41.0
92 18.4 15.8 23.8

Manual Integrations

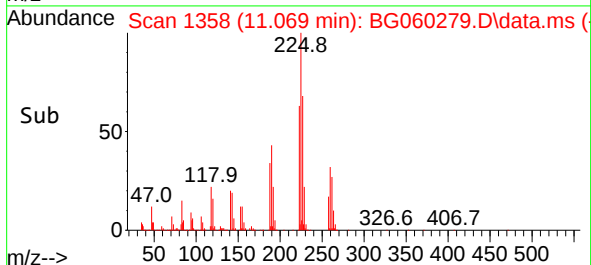
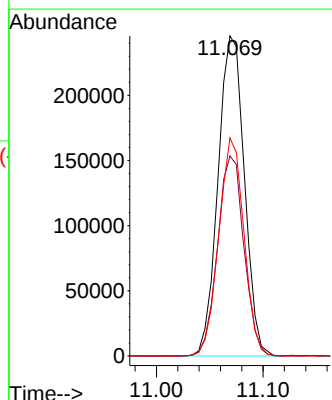
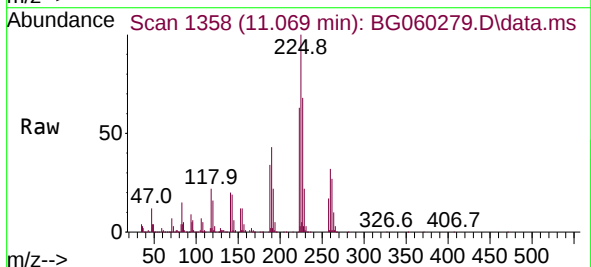
APPROVED

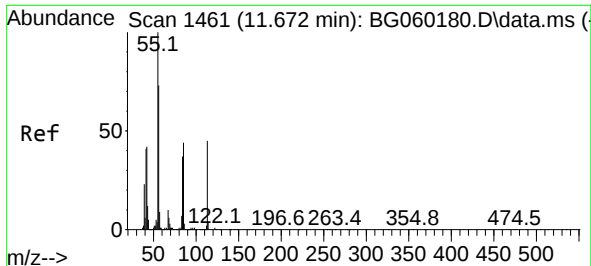
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#34
Hexachlorobutadiene
Concen: 39.357 ng
RT: 11.069 min Scan# 1358
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

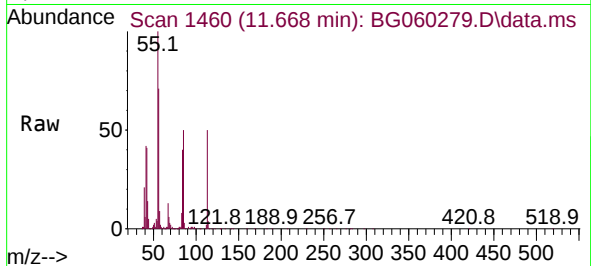
Tgt Ion:225 Resp: 420612
Ion Ratio Lower Upper
225 100
223 59.7 49.0 73.6
227 68.2 51.0 76.4





#35
Caprolactam
Concen: 44.967 ng m
RT: 11.668 min Scan# 1461
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

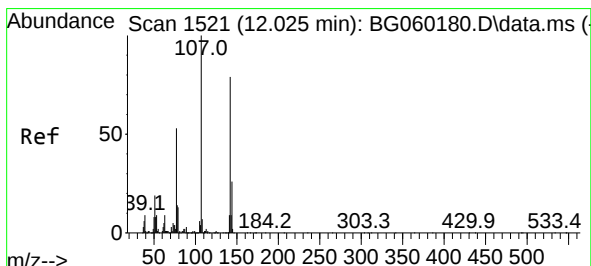
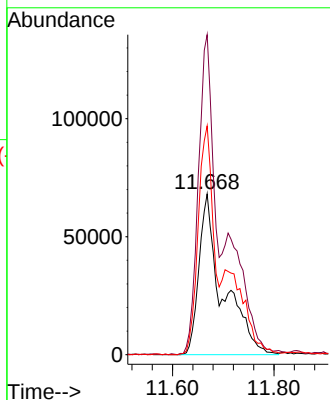
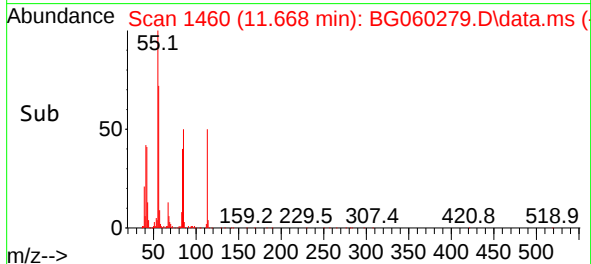
Instrument :
BNA_G
ClientSampleId :
COMP-2MS



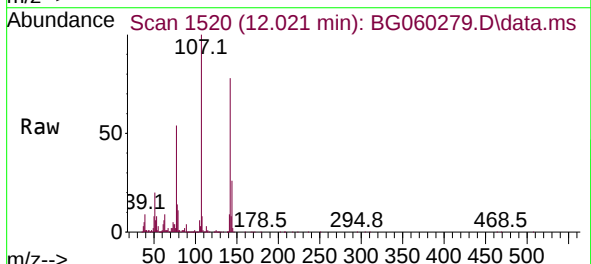
Tgt Ion:113 Resp: 220834
Ion Ratio Lower Upper
113 100
55 199.0 202.1 242.1
56 142.3 142.4 182.4

Manual Integrations
APPROVED

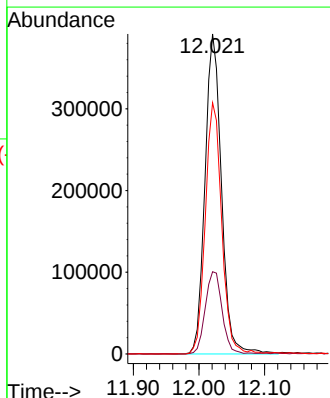
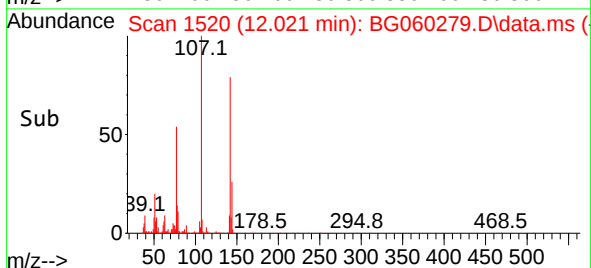
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

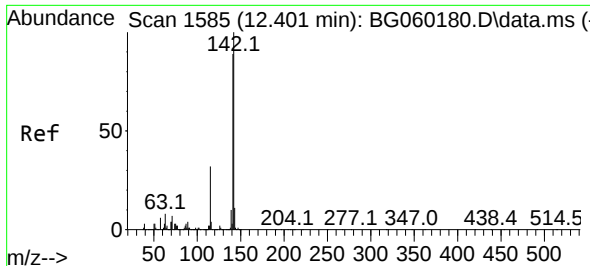


#36
4-Chloro-3-methylphenol
Concen: 44.982 ng
RT: 12.021 min Scan# 1520
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39



Tgt Ion:107 Resp: 683444
Ion Ratio Lower Upper
107 100
144 25.7 20.8 31.2
142 78.5 63.4 95.2





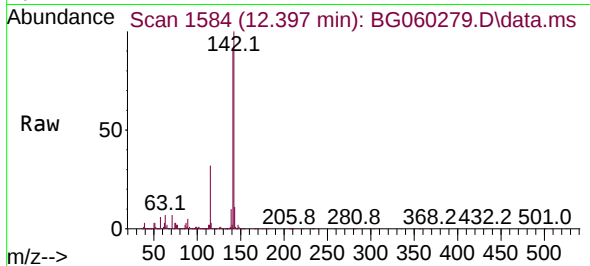
#37
2-Methylnaphthalene
Concen: 40.627 ng
RT: 12.397 min Scan# 1584
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Instrument :

BNA_G

ClientSampleId :

COMP-2MS



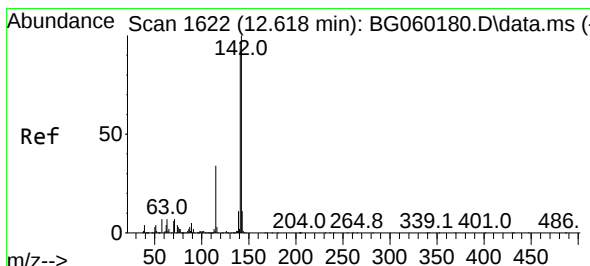
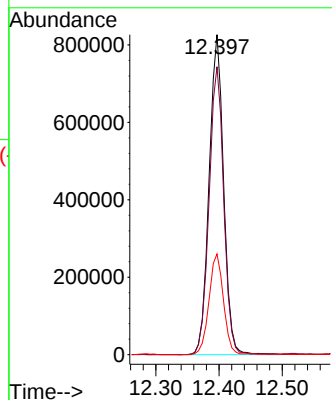
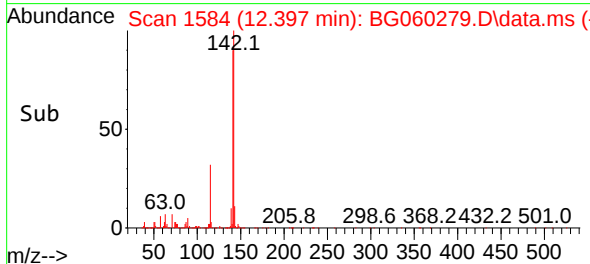
Tgt Ion:142 Resp: 1321808
Ion Ratio Lower Upper
142 100
141 90.0 71.1 106.7
115 31.5 25.5 38.3

Manual Integrations

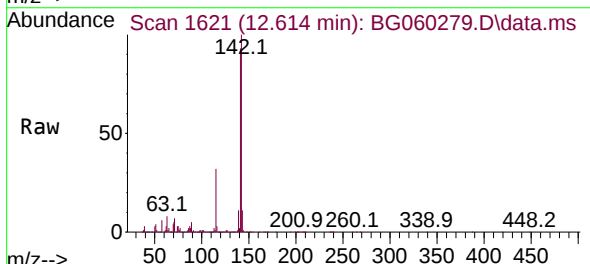
APPROVED

Reviewed By :Yogesh Patel 01/06/2024

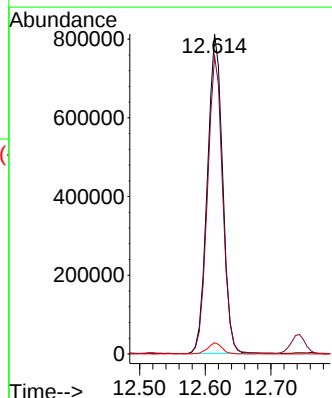
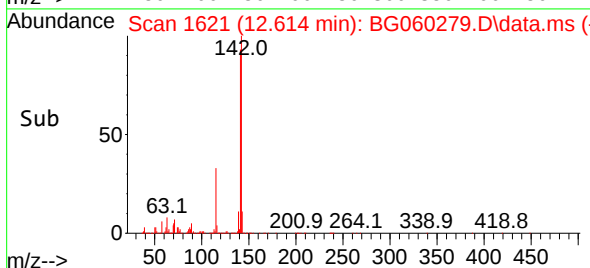
Supervised By :mohammad ahmed 01/06/2024

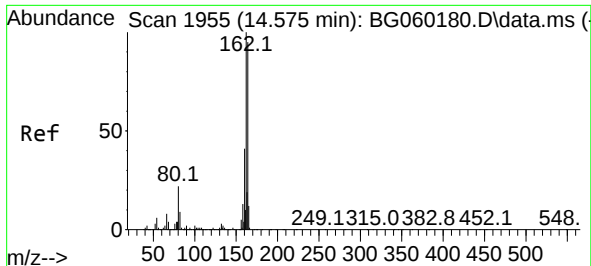


#38
1-Methylnaphthalene
Concen: 39.915 ng
RT: 12.614 min Scan# 1621
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39



Tgt Ion:142 Resp: 1312969
Ion Ratio Lower Upper
142 100
141 93.0 76.6 114.8
116 3.5 2.6 3.8





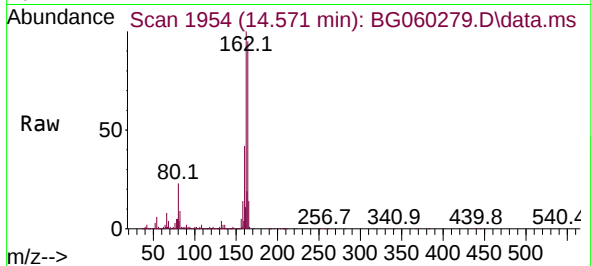
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.571 min Scan# 1955
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Instrument :

BNA_G

ClientSampleId :

COMP-2MS



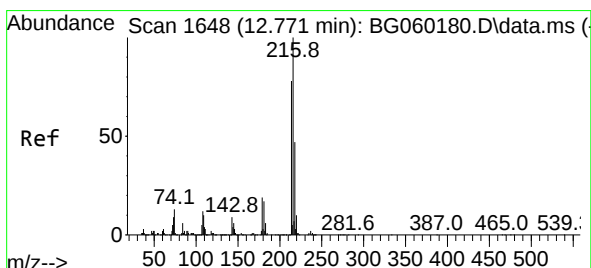
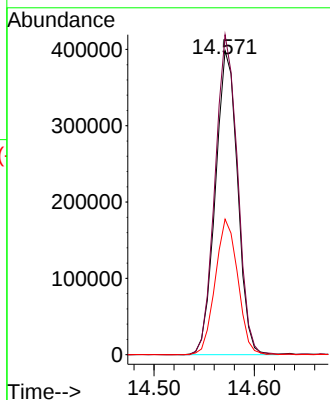
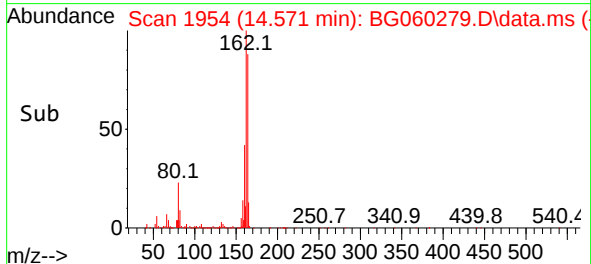
Tgt Ion:164 Resp: 612215
Ion Ratio Lower Upper
164 100
162 105.3 83.9 125.9
160 44.6 34.2 51.4

Manual Integrations

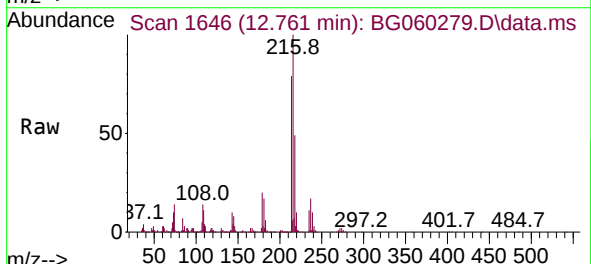
APPROVED

Reviewed By :Yogesh Patel 01/06/2024

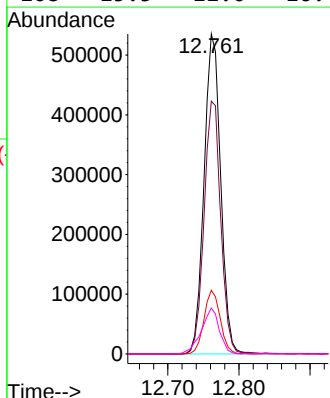
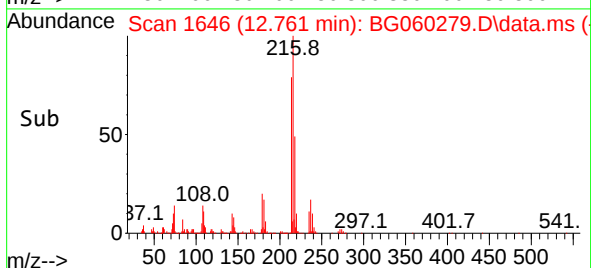
Supervised By :mohammad ahmed 01/06/2024

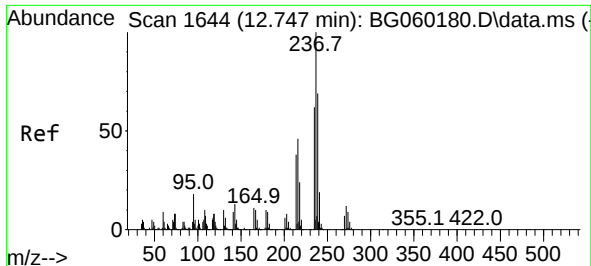


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.498 ng
RT: 12.761 min Scan# 1646
Delta R.T. -0.010 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39



Tgt Ion:216 Resp: 872616
Ion Ratio Lower Upper
216 100
214 79.5 63.4 95.0
179 19.4 15.2 22.8
108 15.5 11.0 16.4





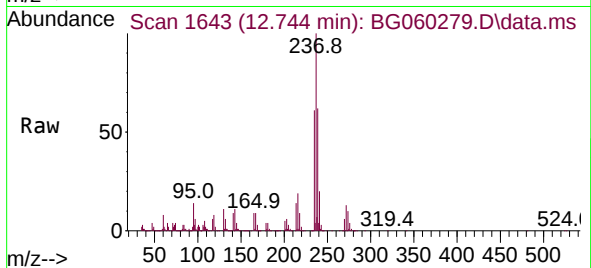
#41
Hexachlorocyclopentadiene
Concen: 132.384 ng
RT: 12.744 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Instrument :

BNA_G

ClientSampleId :

COMP-2MS

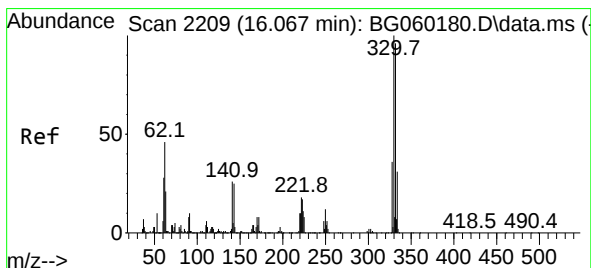
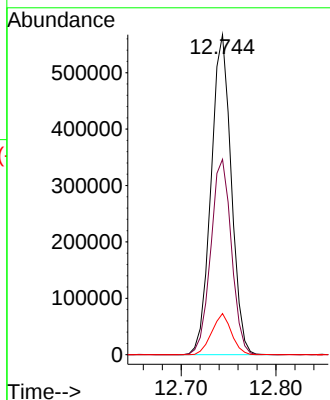
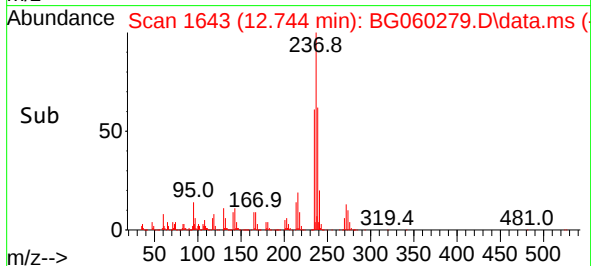


Tgt Ion:237 Resp: 83913
Ion Ratio Lower Upper
237 100
235 61.1 42.2 82.2
272 12.9 0.0 32.0

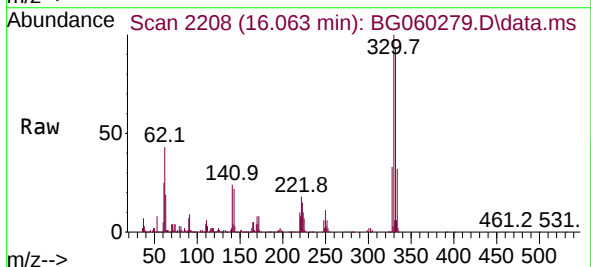
Manual Integrations

APPROVED

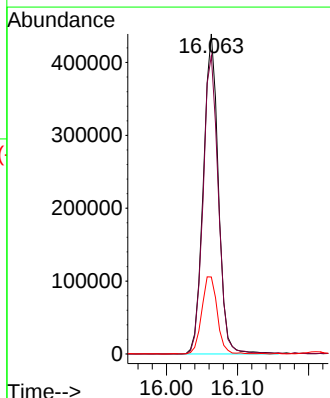
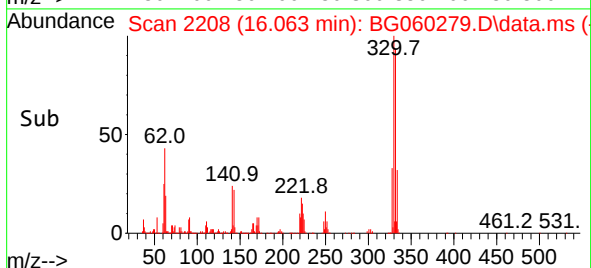
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

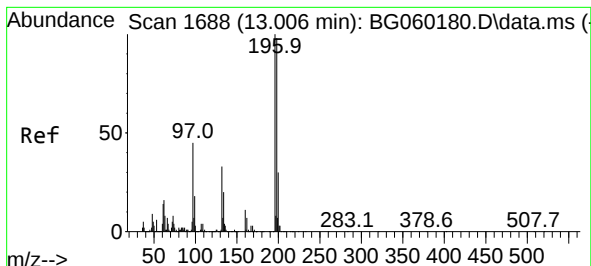


#42
2,4,6-Tribromophenol
Concen: 78.856 ng
RT: 16.063 min Scan# 2208
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39



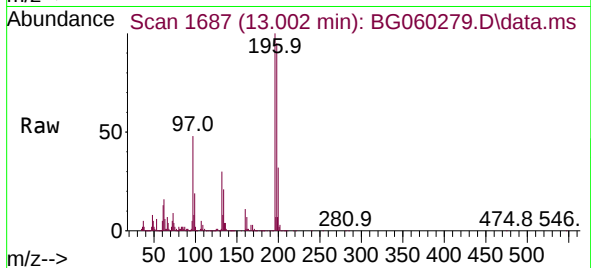
Tgt Ion:330 Resp: 646234
Ion Ratio Lower Upper
330 100
332 94.9 76.7 115.1
141 24.8 21.0 31.4





#43
2,4,6-Trichlorophenol
Concen: 46.272 ng
RT: 13.002 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

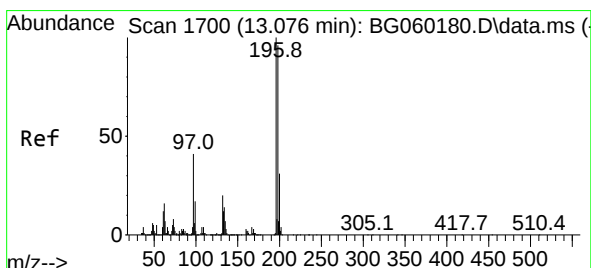
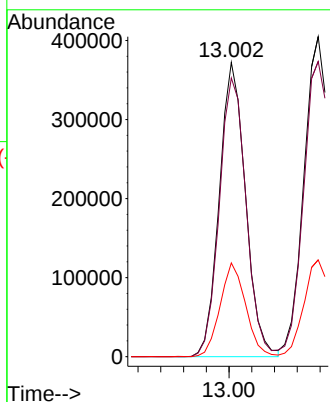
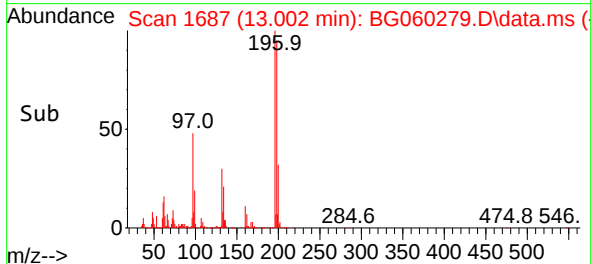
Instrument :
BNA_G
ClientSampleId :
COMP-2MS



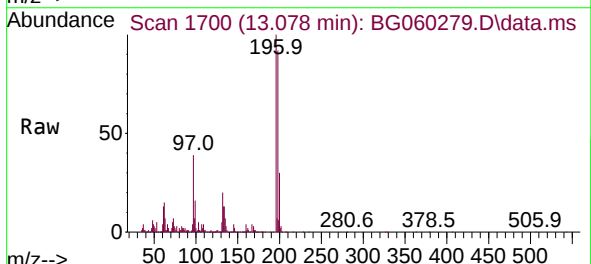
Tgt Ion:196 Resp: 596302
Ion Ratio Lower Upper
196 100
198 94.7 78.3 117.5
200 31.9 23.9 35.9

Manual Integrations
APPROVED

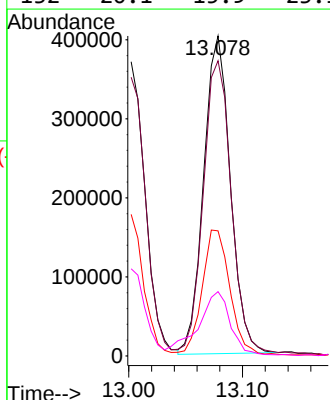
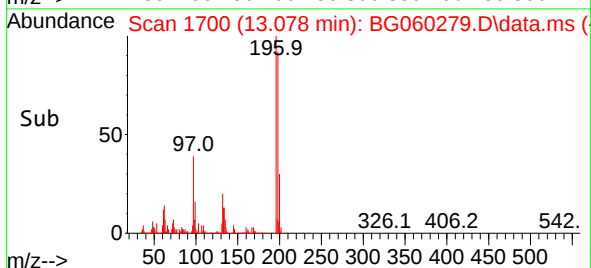
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

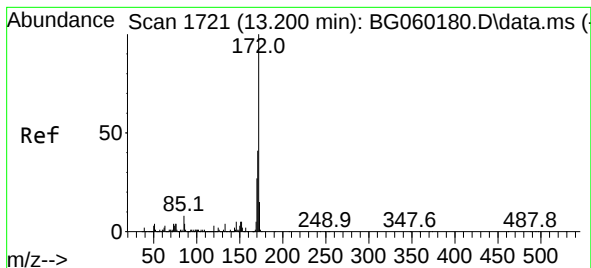


#44
2,4,5-Trichlorophenol
Concen: 45.732 ng
RT: 13.078 min Scan# 1700
Delta R.T. 0.002 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39



Tgt Ion:196 Resp: 659279
Ion Ratio Lower Upper
196 100
198 92.3 76.6 115.0
97 39.1 32.9 49.3
132 20.1 15.9 23.9





#45

2-Fluorobiphenyl

Concen: 67.620 ng

RT: 13.196 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG060279.D

Acq: 5 Jan 2024 20:39

Instrument :

BNA_G

ClientSampleId :

COMP-2MS

Tgt Ion:172 Resp: 2880430

Ion Ratio Lower Upper

172 100

171 37.9 32.6 48.8

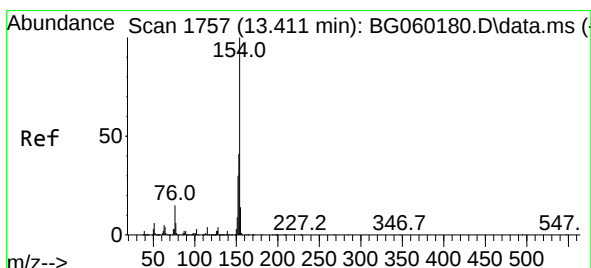
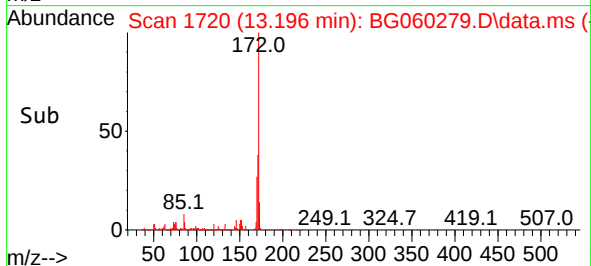
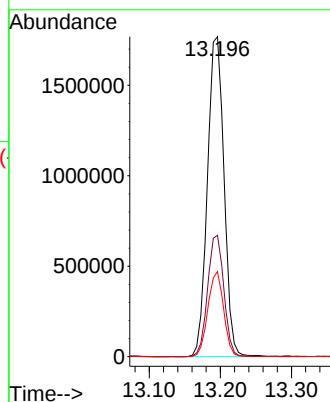
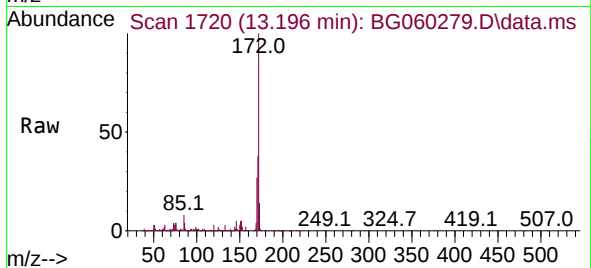
170 26.6 21.8 32.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#46

1,1'-Biphenyl

Concen: 44.326 ng

RT: 13.402 min Scan# 1755

Delta R.T. -0.010 min

Lab File: BG060279.D

Acq: 5 Jan 2024 20:39

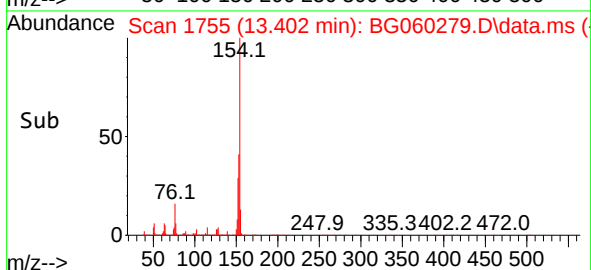
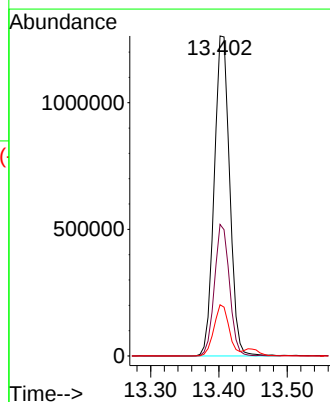
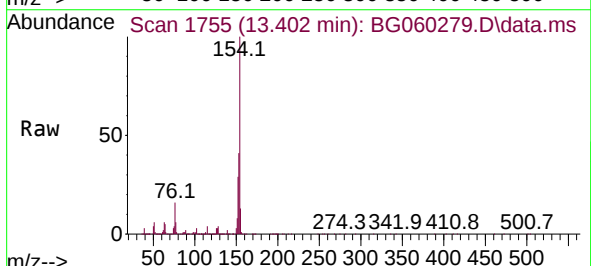
Tgt Ion:154 Resp: 1996572

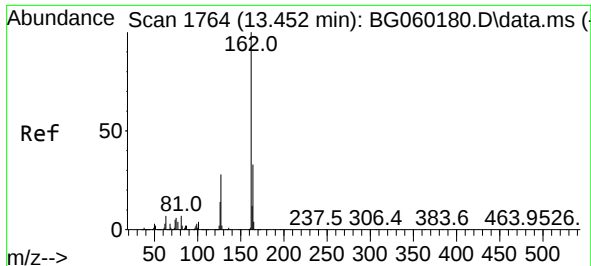
Ion Ratio Lower Upper

154 100

153 41.1 20.9 60.9

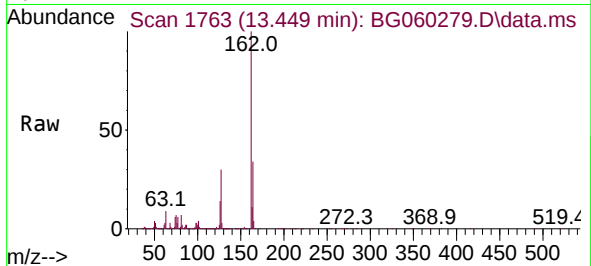
76 16.0 0.0 35.4





#47
2-Chloronaphthalene
Concen: 43.040 ng
RT: 13.449 min Scan# 1763
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

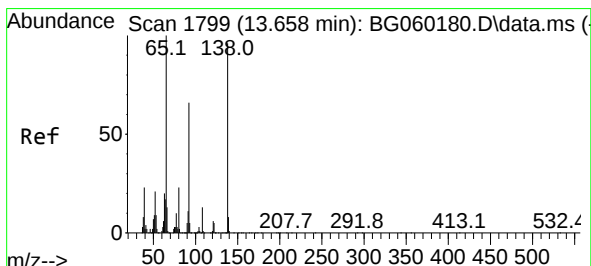
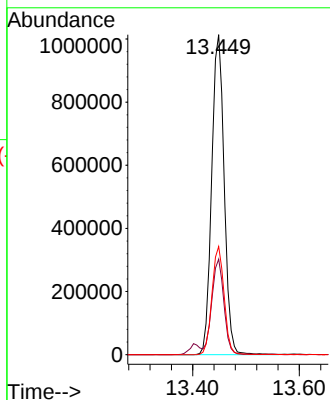
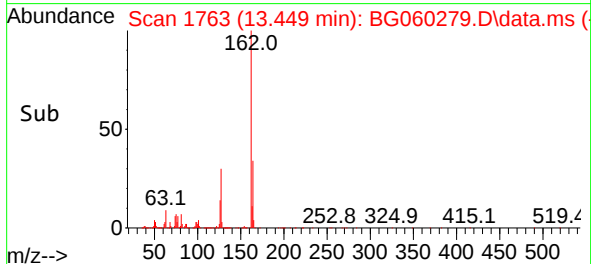
Instrument :
BNA_G
ClientSampleId :
COMP-2MS



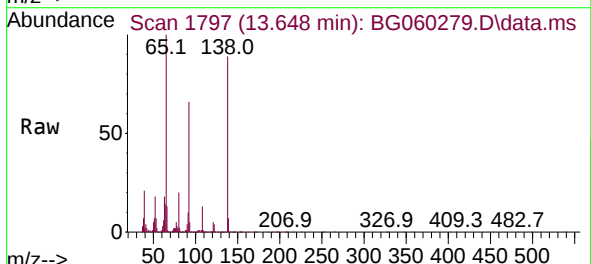
Tgt Ion:162 Resp: 1651690
Ion Ratio Lower Upper
162 100
127 29.9 23.0 34.6
164 33.8 26.7 40.1

Manual Integrations
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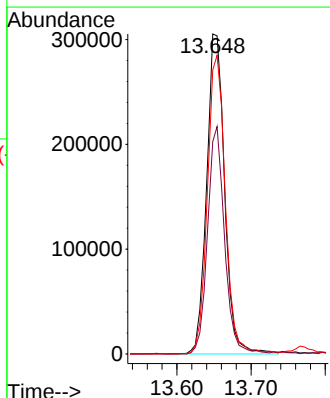
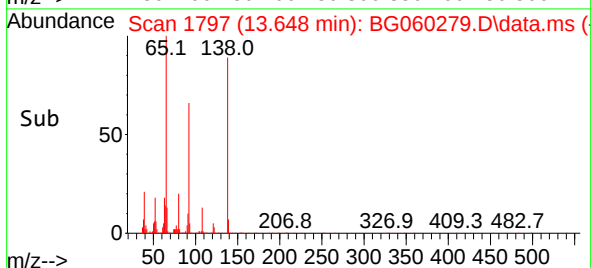
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

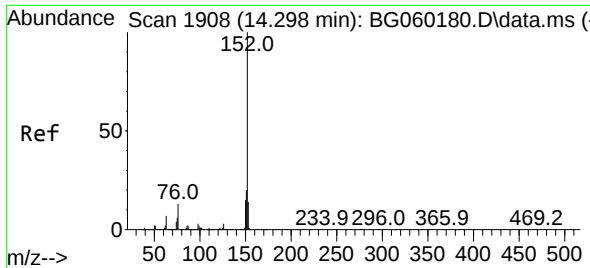


#48
2-Nitroaniline
Concen: 51.331 ng
RT: 13.648 min Scan# 1797
Delta R.T. -0.010 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39



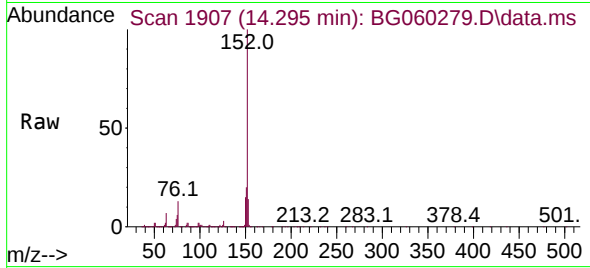
Tgt Ion: 65 Resp: 514791
Ion Ratio Lower Upper
65 100
92 66.3 52.9 79.3
138 88.7 76.4 114.6





#49
Acenaphthylene
Concen: 47.366 ng
RT: 14.295 min Scan# 1908
Delta R.T. -0.003 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

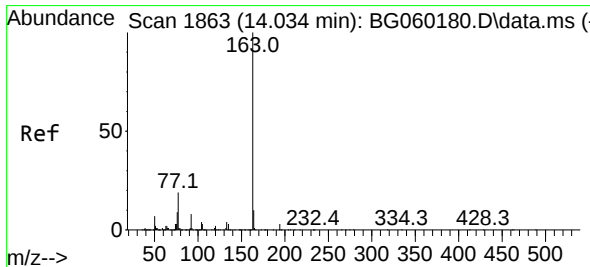
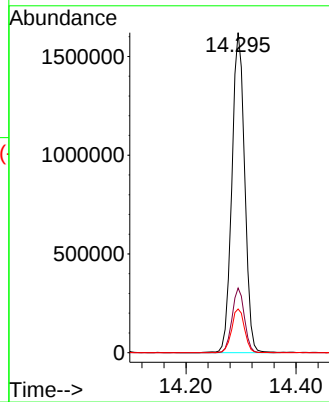
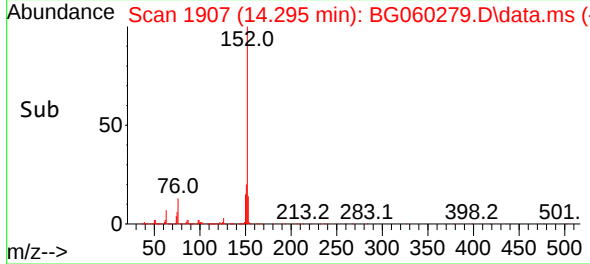
Instrument :
BNA_G
ClientSampleId :
COMP-2MS



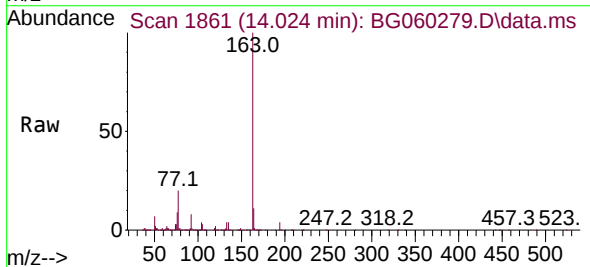
Tgt Ion:152 Resp: 261898
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.6
153 13.7 11.0 16.6

Manual Integrations
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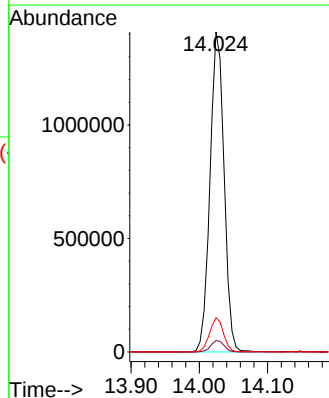
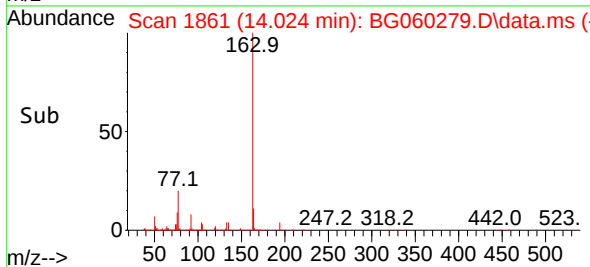
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

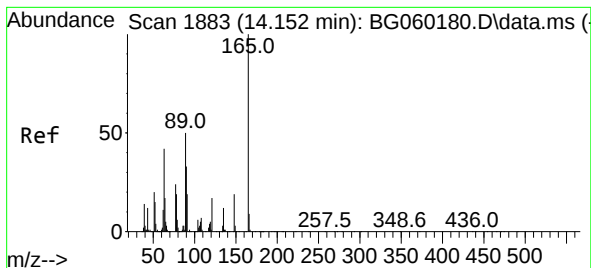


#50
Dimethylphthalate
Concen: 42.872 ng
RT: 14.024 min Scan# 1861
Delta R.T. -0.010 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39



Tgt Ion:163 Resp: 2026442
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.7 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 45.950 ng
RT: 14.148 min Scan# 1882
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Instrument :

BNA_G

ClientSampleId :

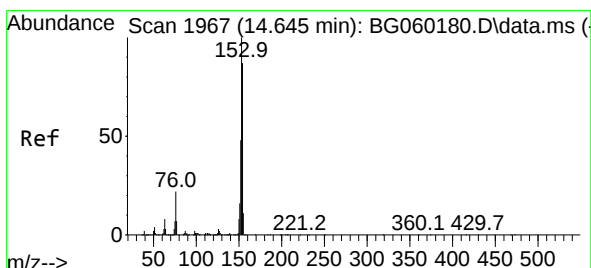
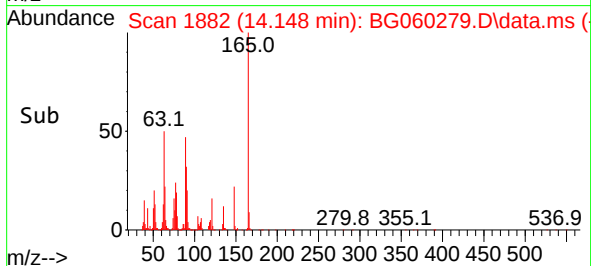
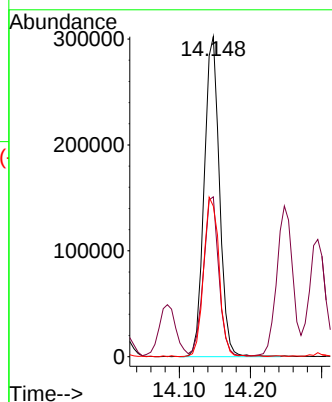
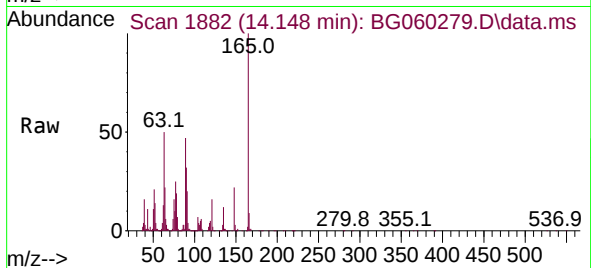
COMP-2MS

Tgt Ion:165 Resp: 45176
Ion Ratio Lower Upper
165 100
63 49.9 39.3 58.9
89 47.0 39.8 59.8

Manual Integrations

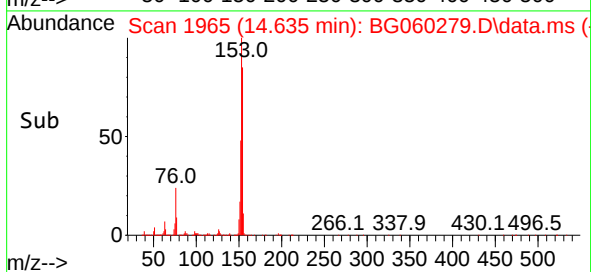
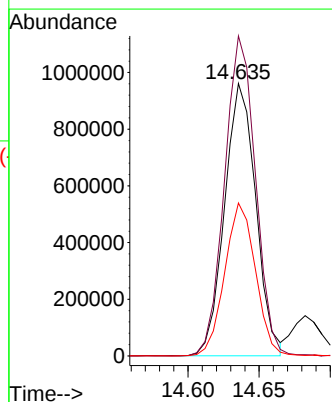
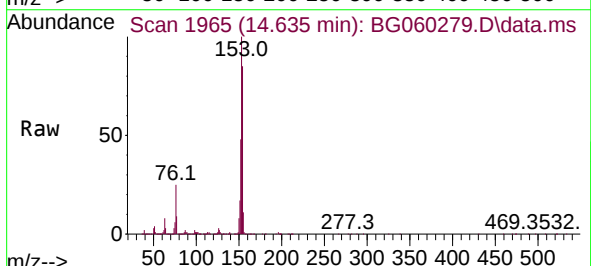
APPROVED

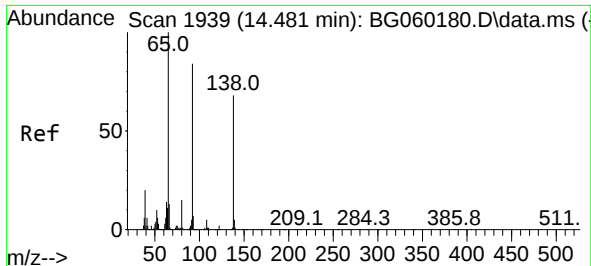
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#52
Acenaphthene
Concen: 42.607 ng
RT: 14.635 min Scan# 1965
Delta R.T. -0.010 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

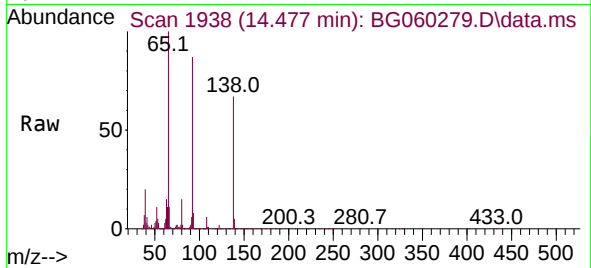
Tgt Ion:154 Resp: 1470090
Ion Ratio Lower Upper
154 100
153 117.4 91.5 137.3
152 56.1 43.8 65.8





#53
3-Nitroaniline
Concen: 25.450 ng
RT: 14.477 min Scan# 1938
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

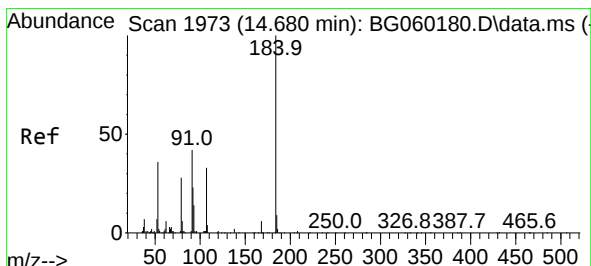
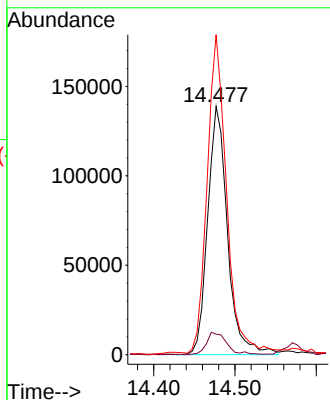
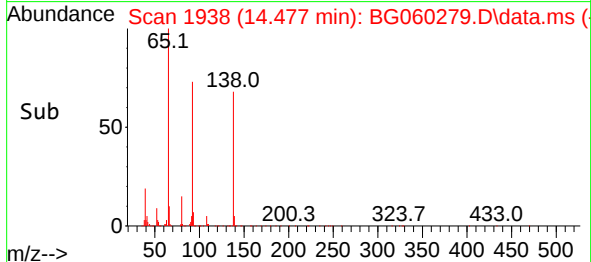
Instrument :
BNA_G
ClientSampleId :
COMP-2MS



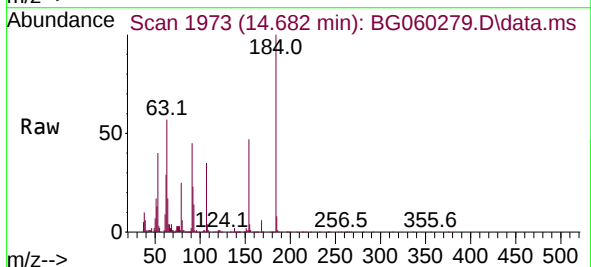
Tgt Ion:138 Resp: 23577
Ion Ratio Lower Upper
138 100
108 8.2 6.2 9.4
92 128.9 98.5 147.7

Manual Integrations
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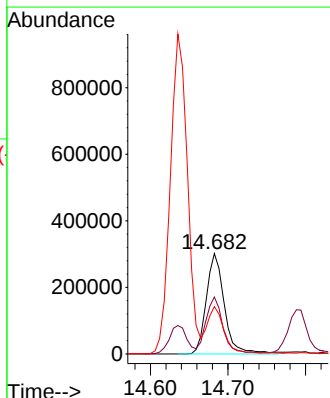
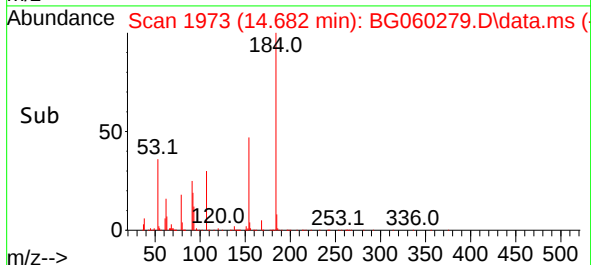
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

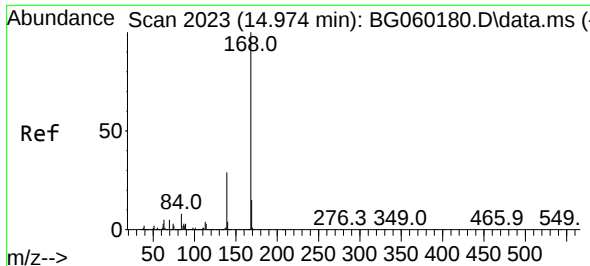


#54
2,4-Dinitrophenol
Concen: 84.720 ng
RT: 14.682 min Scan# 1973
Delta R.T. 0.002 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39



Tgt Ion:184 Resp: 488149
Ion Ratio Lower Upper
184 100
63 56.8 45.4 68.2
154 47.1 40.0 60.0





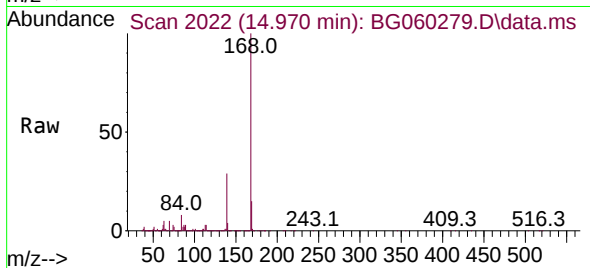
#55
Dibenzenofuran
Concen: 43.959 ng
RT: 14.970 min Scan# 2023
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Instrument :

BNA_G

ClientSampleId :

COMP-2MS



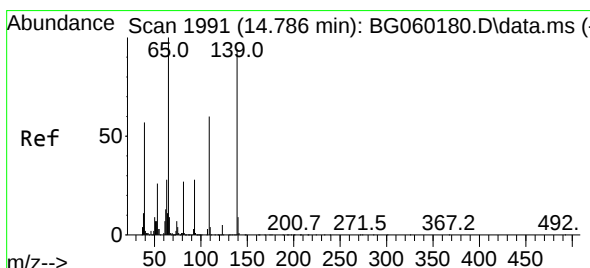
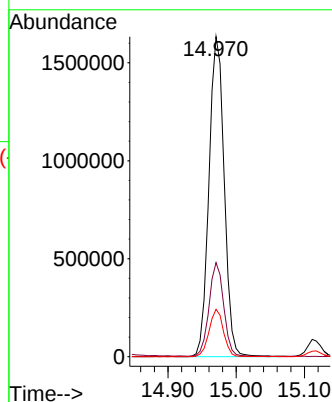
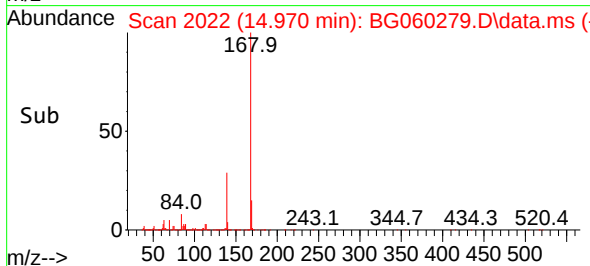
Tgt Ion:168 Resp: 2540685
Ion Ratio Lower Upper
168 100
139 29.4 23.1 34.7
169 14.8 11.9 17.9

Manual Integrations

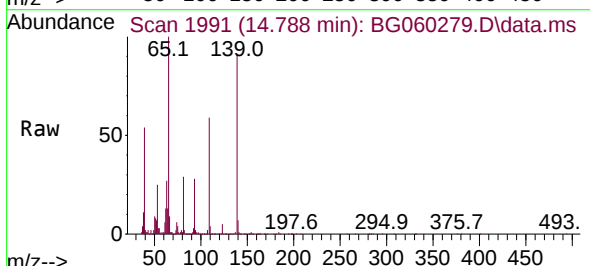
APPROVED

Reviewed By :Yogesh Patel 01/06/2024

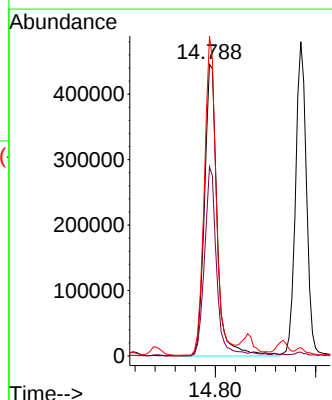
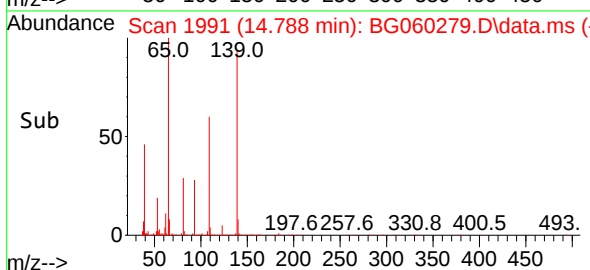
Supervised By :mohammad ahmed 01/06/2024

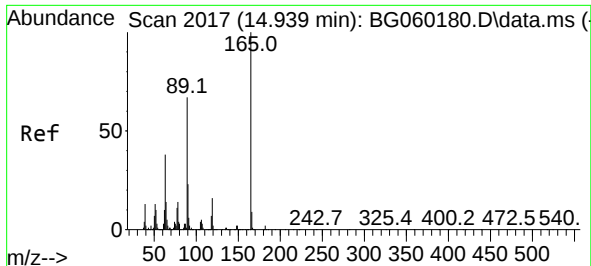


#56
4-Nitrophenol
Concen: 112.409 ng
RT: 14.788 min Scan# 1991
Delta R.T. 0.002 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39



Tgt Ion:139 Resp: 787141
Ion Ratio Lower Upper
139 100
109 64.9 44.4 84.4
65 109.7 87.4 127.4





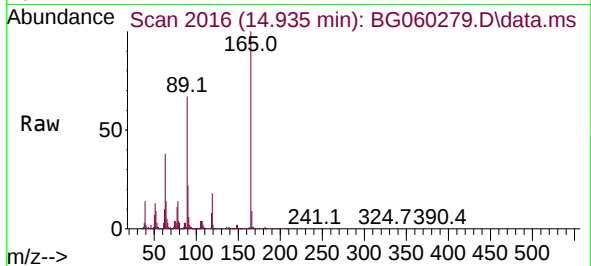
#57
2,4-Dinitrotoluene
Concen: 48.323 ng
RT: 14.935 min Scan# 2017
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Instrument :

BNA_G

ClientSampleId :

COMP-2MS



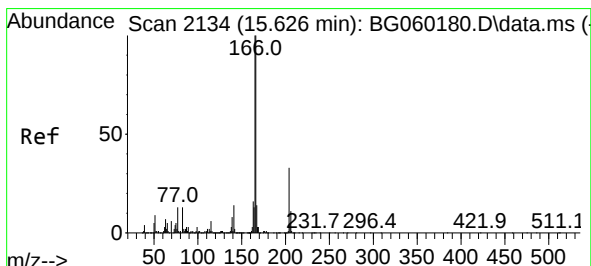
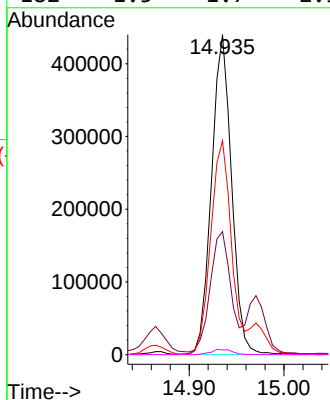
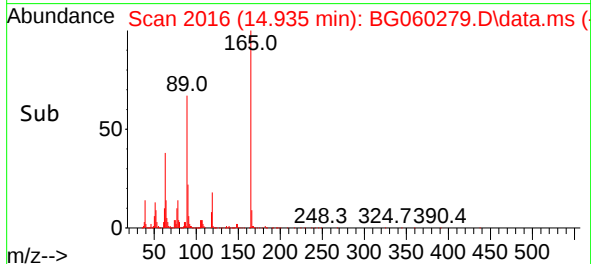
Tgt Ion:165 Resp: 646019
Ion Ratio Lower Upper
165 100
63 38.5 31.0 46.6
89 66.8 53.3 79.9
182 1.5 1.7 2.5#

Manual Integrations

APPROVED

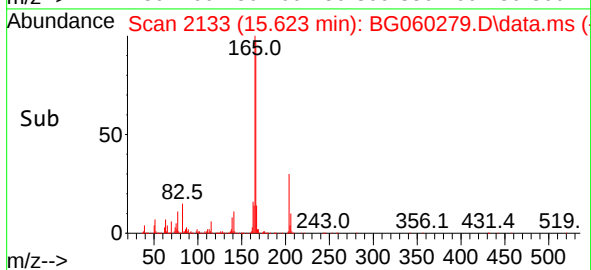
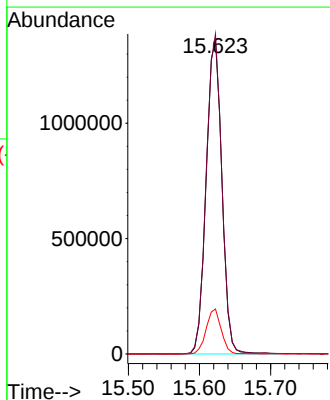
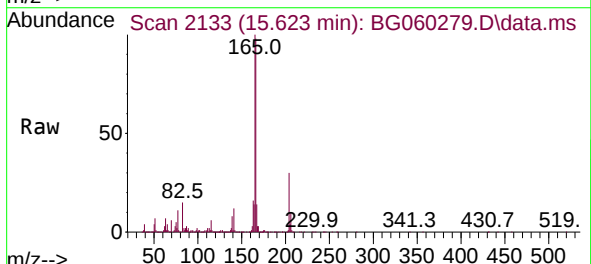
Reviewed By :Yogesh Patel 01/06/2024

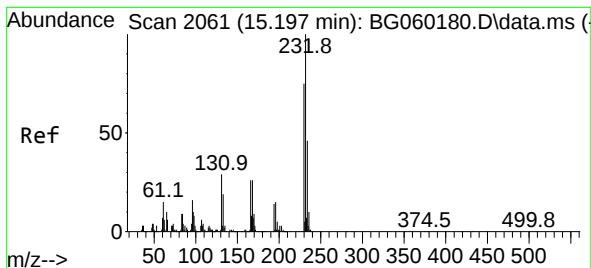
Supervised By :mohammad ahmed 01/06/2024



#58
Fluorene
Concen: 44.204 ng
RT: 15.623 min Scan# 2133
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Tgt Ion:166 Resp: 2095399
Ion Ratio Lower Upper
166 100
165 102.1 80.4 120.6
167 14.4 11.3 16.9





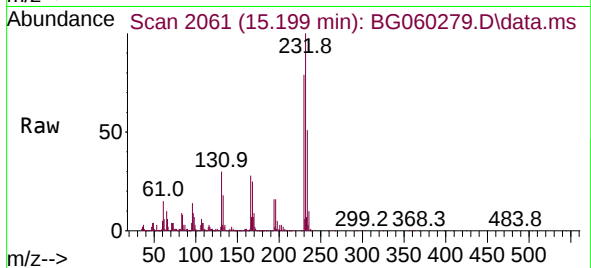
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.475 ng
RT: 15.199 min Scan# 2061
Delta R.T. 0.002 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Instrument :

BNA_G

ClientSampleId :

COMP-2MS



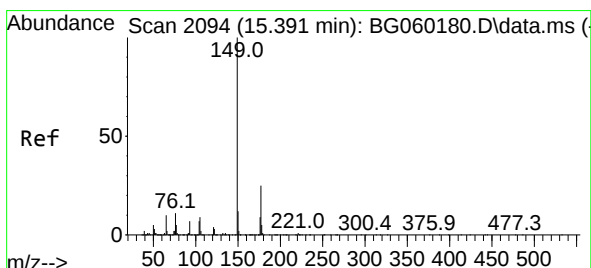
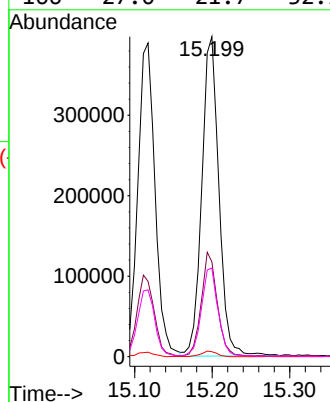
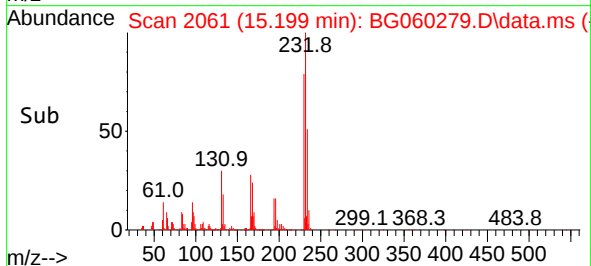
Tgt Ion:232 Resp: 60910
Ion Ratio Lower Upper
232 100
131 30.2 23.8 35.6
130 1.6 1.2 1.8
166 27.0 21.7 32.5

Manual Integrations

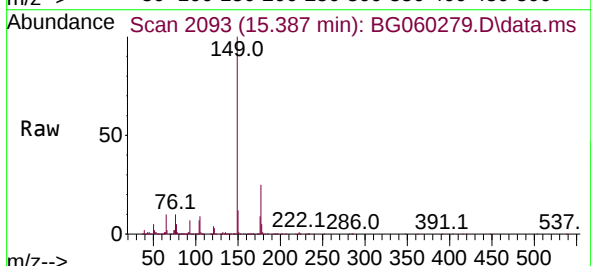
APPROVED

Reviewed By :Yogesh Patel 01/06/2024

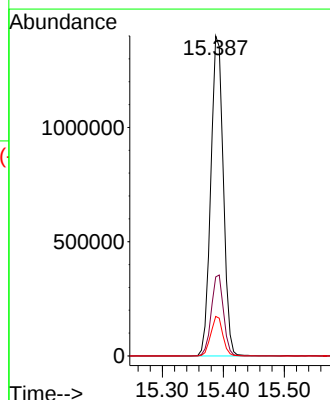
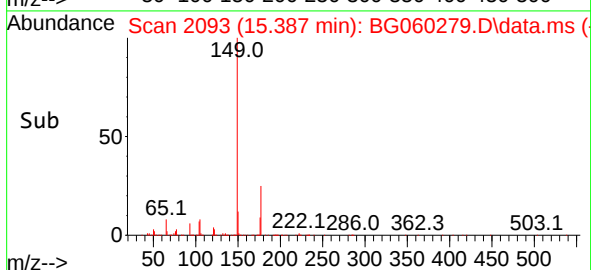
Supervised By :mohammad ahmed 01/06/2024

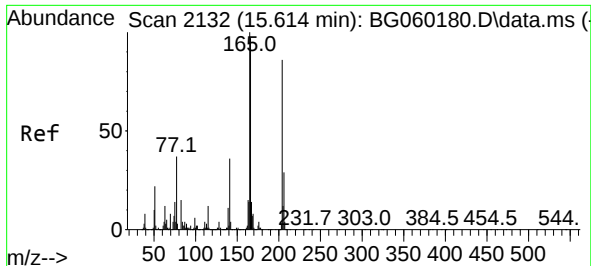


#60
Diethylphthalate
Concen: 44.197 ng
RT: 15.387 min Scan# 2093
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39



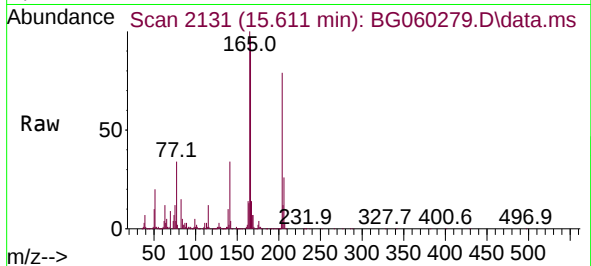
Tgt Ion:149 Resp: 1992210
Ion Ratio Lower Upper
149 100
177 24.7 20.2 30.2
150 12.4 9.6 14.4





#61
4-Chlorophenyl-phenylether
Concen: 41.965 ng
RT: 15.611 min Scan# 2131
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

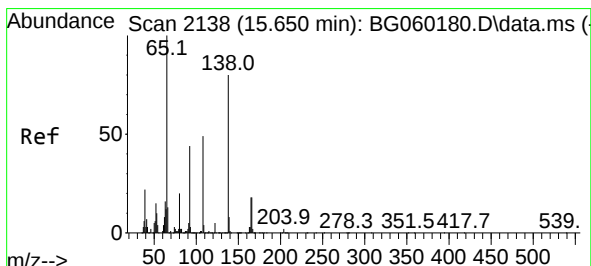
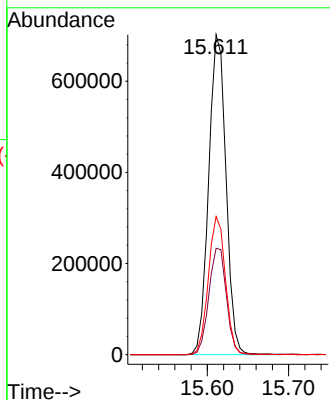
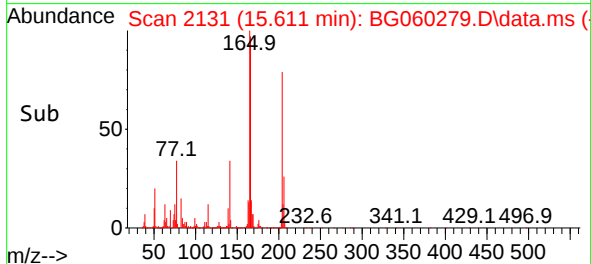
Instrument :
BNA_G
ClientSampleId :
COMP-2MS



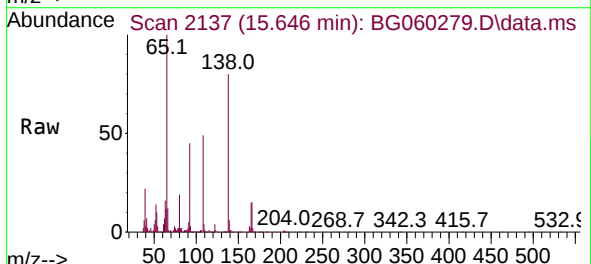
Tgt Ion:204 Resp: 103580
Ion Ratio Lower Upper
204 100
206 33.2 26.9 40.3
141 43.1 33.2 49.8

Manual Integrations
APPROVED

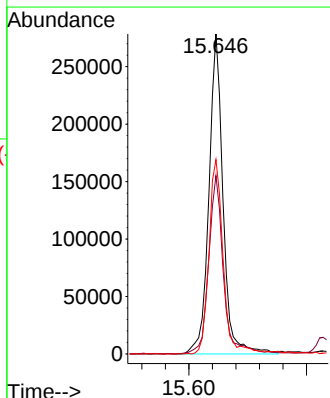
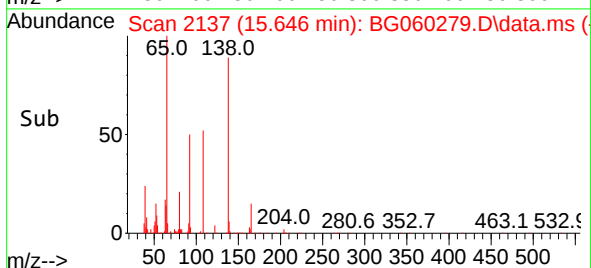
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

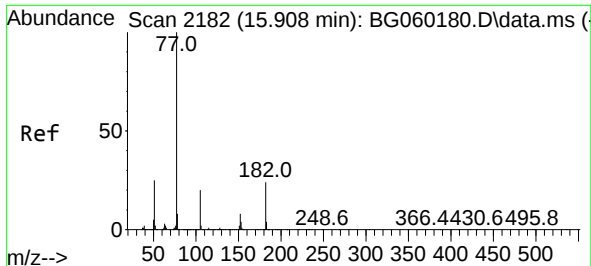


#62
4-Nitroaniline
Concen: 47.656 ng
RT: 15.646 min Scan# 2137
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39



Tgt Ion:138 Resp: 465304
Ion Ratio Lower Upper
138 100
92 55.7 35.1 75.1
108 60.7 40.9 80.9





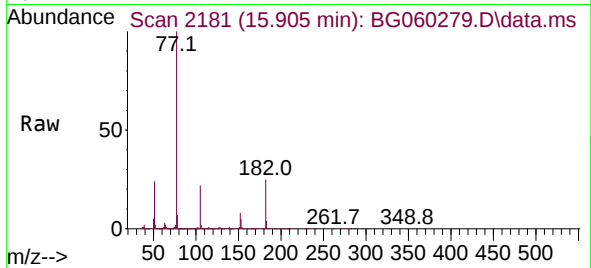
#63
Azobenzene
Concen: 43.955 ng
RT: 15.905 min Scan# 2181
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Instrument :

BNA_G

ClientSampleId :

COMP-2MS

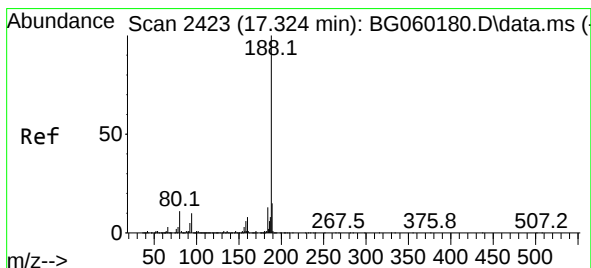
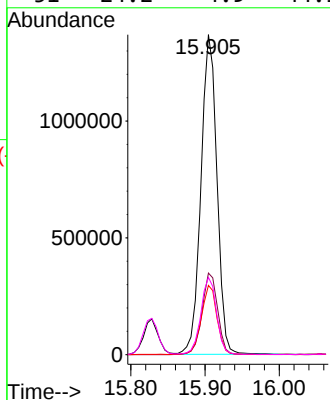
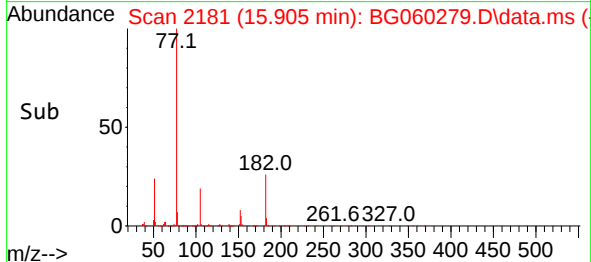


Tgt Ion: 77 Resp: 205413
Ion Ratio Lower Upper
77 100
182 25.5 4.3 44.3
105 21.6 0.3 40.3
51 24.2 4.9 44.9

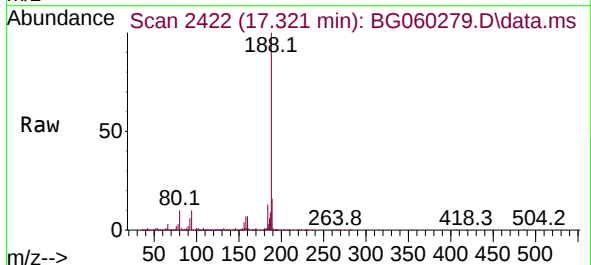
Manual Integrations

APPROVED

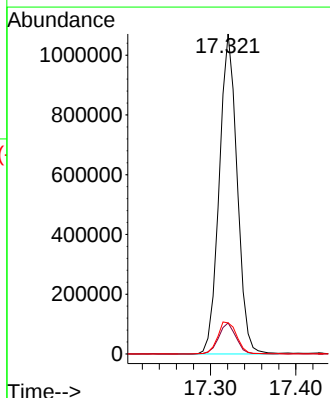
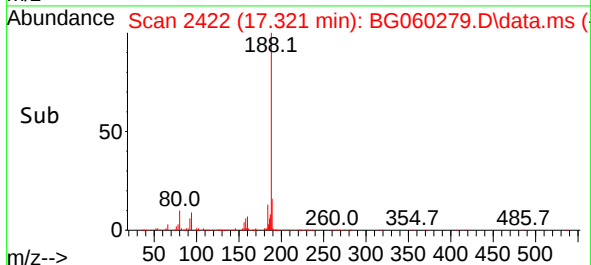
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

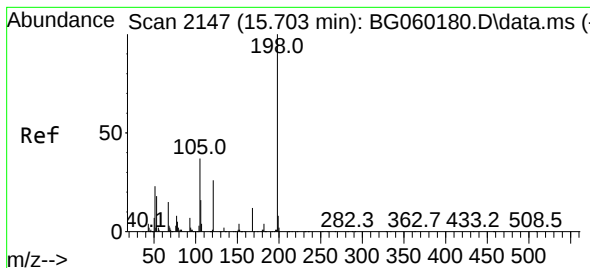


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2422
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39



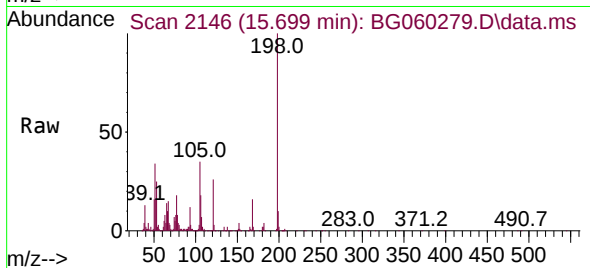
Tgt Ion:188 Resp: 1560699
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.6
80 9.7 8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 48.145 ng
RT: 15.699 min Scan# 2146
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

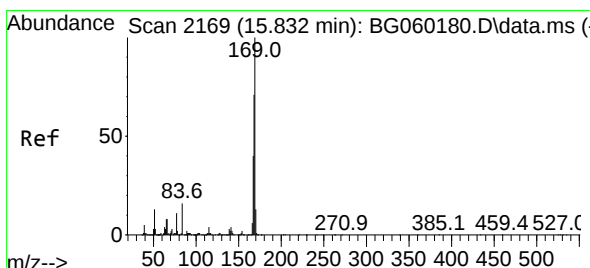
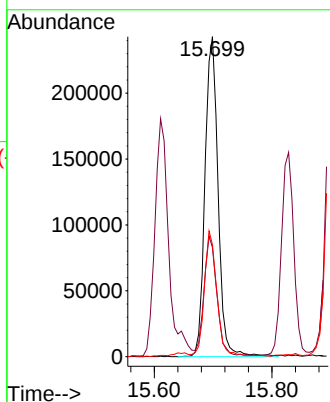
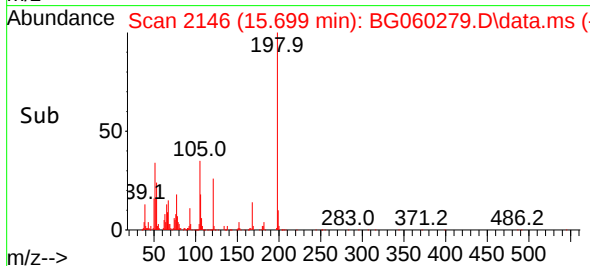
Instrument :
BNA_G
ClientSampleId :
COMP-2MS



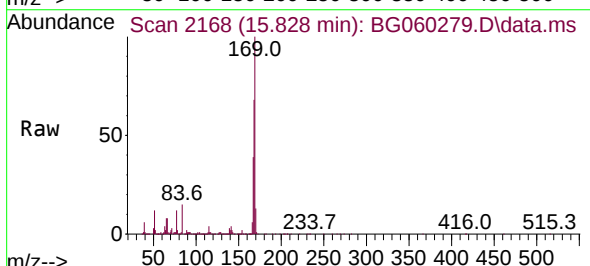
Tgt Ion:198 Resp: 375970
Ion Ratio Lower Upper
198 100
51 34.1 14.8 54.8
105 35.0 17.5 57.5

Manual Integrations
APPROVED

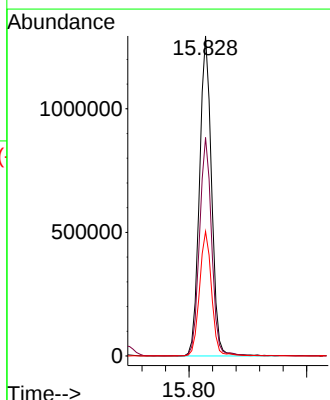
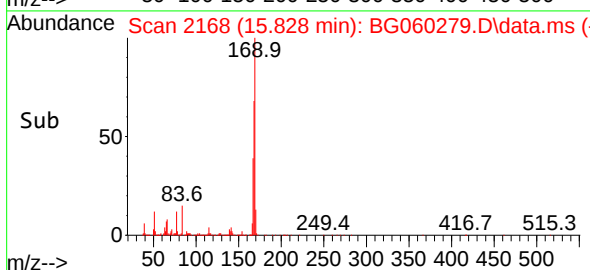
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

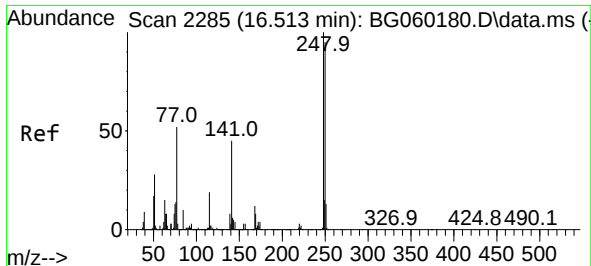


#66
n-Nitrosodiphenylamine
Concen: 43.872 ng
RT: 15.828 min Scan# 2168
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39



Tgt Ion:169 Resp: 1845072
Ion Ratio Lower Upper
169 100
168 68.3 56.6 84.8
167 38.9 32.1 48.1





#67
4-Bromophenyl-phenylether
Concen: 41.518 ng
RT: 16.510 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Instrument :

BNA_G

ClientSampleId :

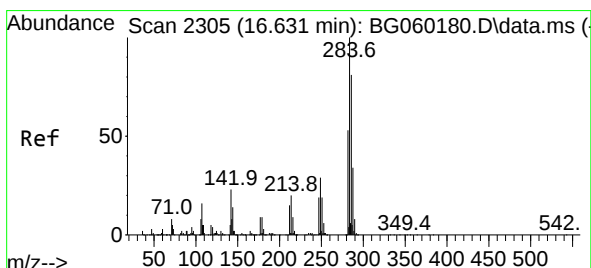
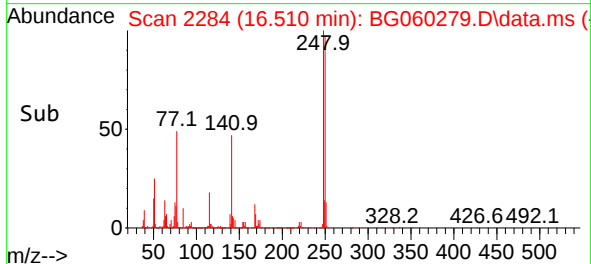
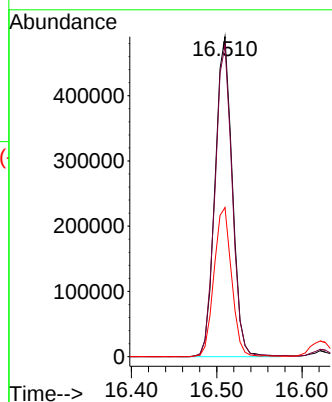
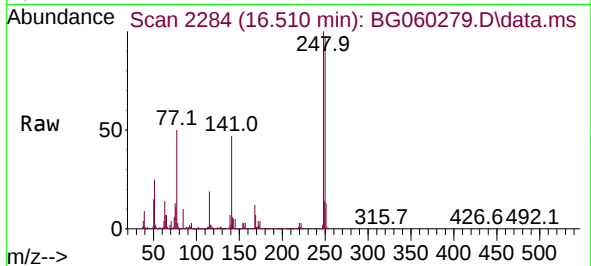
COMP-2MS

Tgt Ion:248 Resp: 686989
Ion Ratio Lower Upper
248 100
250 97.3 76.2 114.4
141 46.6 36.0 54.0

Manual Integrations

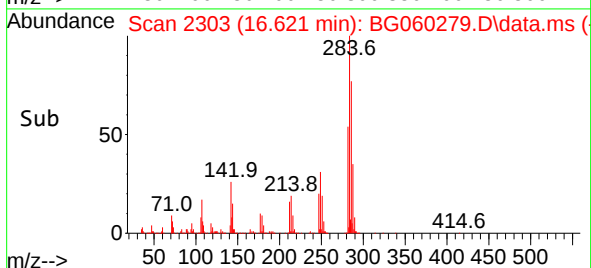
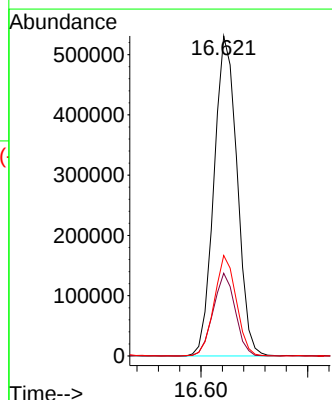
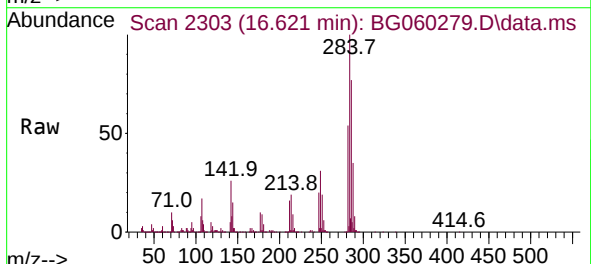
APPROVED

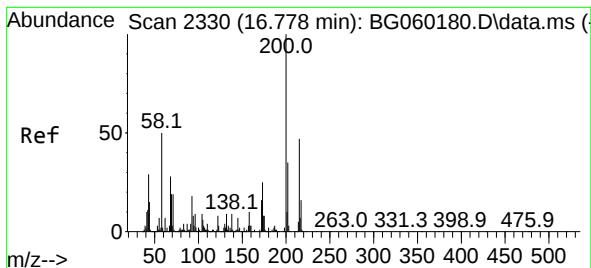
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#68
Hexachlorobenzene
Concen: 41.098 ng
RT: 16.621 min Scan# 2303
Delta R.T. -0.010 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Tgt Ion:284 Resp: 797331
Ion Ratio Lower Upper
284 100
142 25.9 18.7 28.1
249 31.4 23.5 35.3





#69

Atrazine

Concen: 48.843 ng

RT: 16.780 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG060279.D

Acq: 5 Jan 2024 20:39

Instrument :

BNA_G

ClientSampleId :

COMP-2MS

Tgt Ion:200 Resp: 75496

Ion Ratio Lower Upper

200 100

173 25.2 5.2 45.2

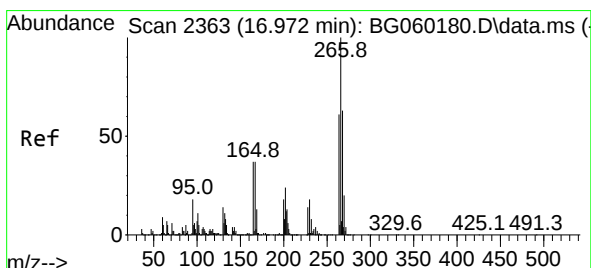
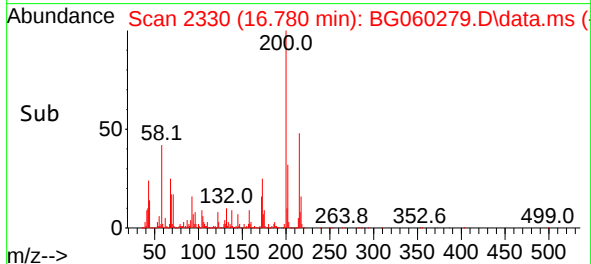
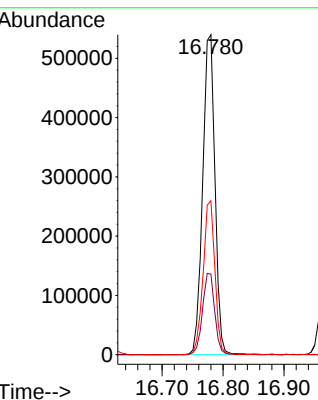
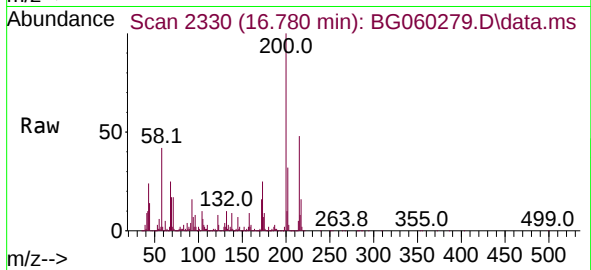
215 48.1 26.9 66.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#70

Pentachlorophenol

Concen: 94.755 ng

RT: 16.968 min Scan# 2362

Delta R.T. -0.004 min

Lab File: BG060279.D

Acq: 5 Jan 2024 20:39

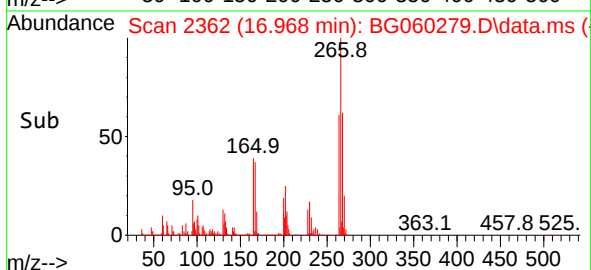
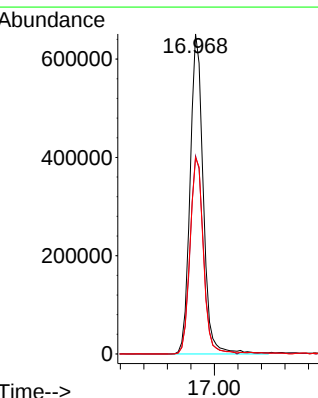
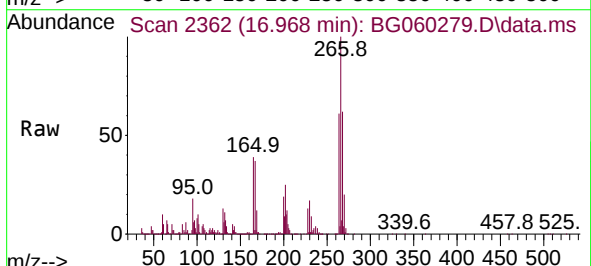
Tgt Ion:266 Resp: 1009869

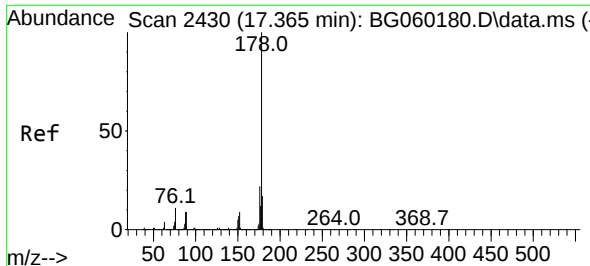
Ion Ratio Lower Upper

266 100

268 61.9 50.4 75.6

264 61.3 52.6 79.0





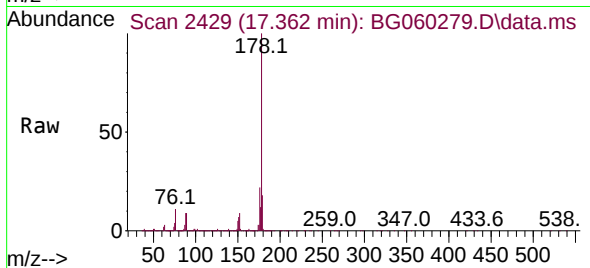
#71
Phenanthrene
Concen: 45.056 ng
RT: 17.362 min Scan# 2430
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Instrument :

BNA_G

ClientSampleId :

COMP-2MS

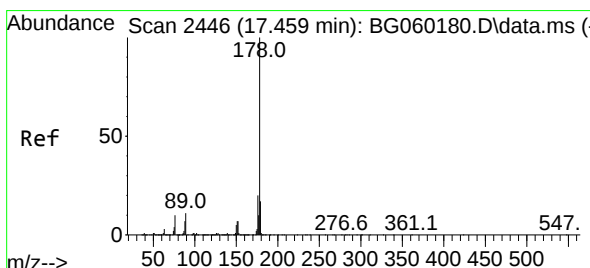
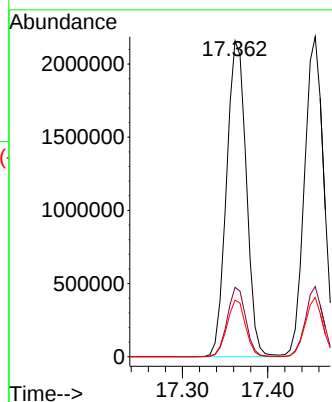
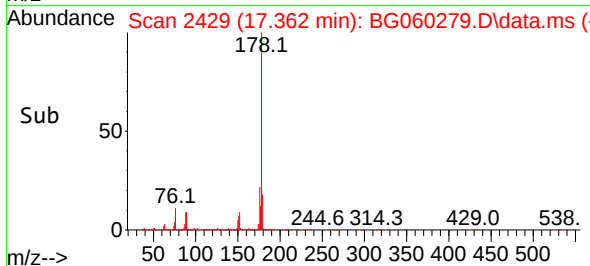


Tgt Ion:178 Resp: 347579
Ion Ratio Lower Upper
178 100
176 22.0 17.5 26.3
179 17.9 13.8 20.8

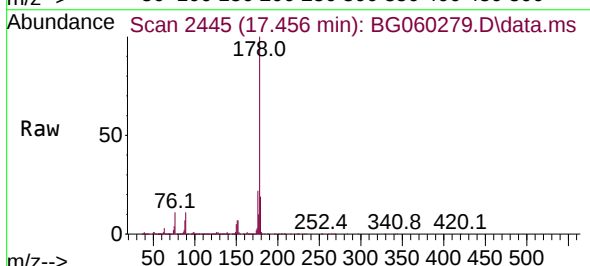
Manual Integrations

APPROVED

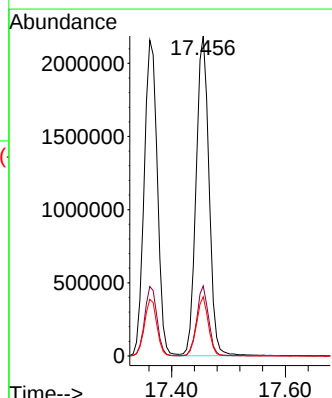
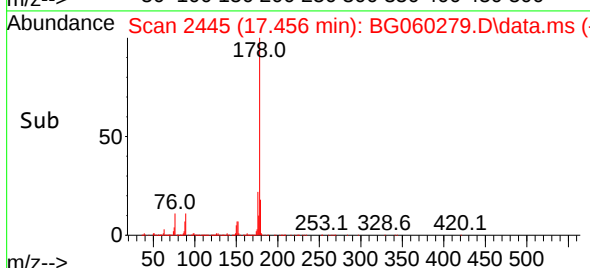
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

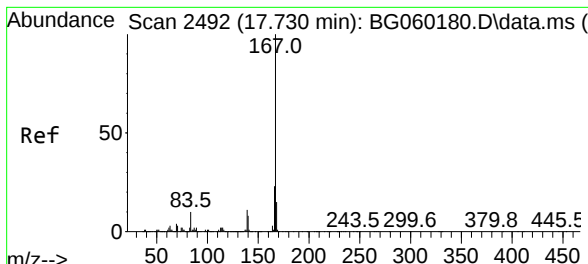


#72
Anthracene
Concen: 45.070 ng
RT: 17.456 min Scan# 2445
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39



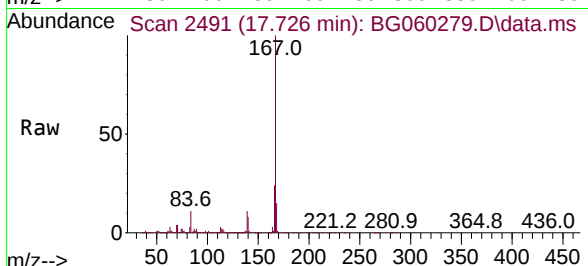
Tgt Ion:178 Resp: 3453617
Ion Ratio Lower Upper
178 100
176 21.9 16.2 24.2
179 18.5 14.0 21.0





#73
 Carbazole
 Concen: 45.142 ng
 RT: 17.726 min Scan# 2491
 Delta R.T. -0.004 min
 Lab File: BG060279.D
 Acq: 5 Jan 2024 20:39

Instrument : BNA_G
 ClientSampleId :
 COMP-2MS

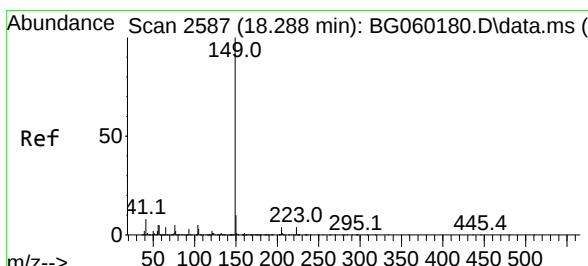
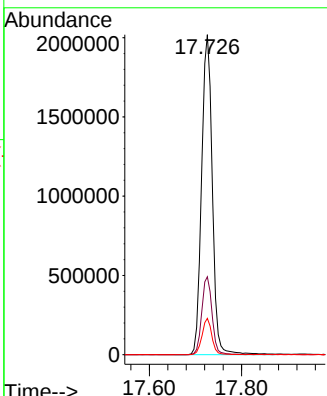
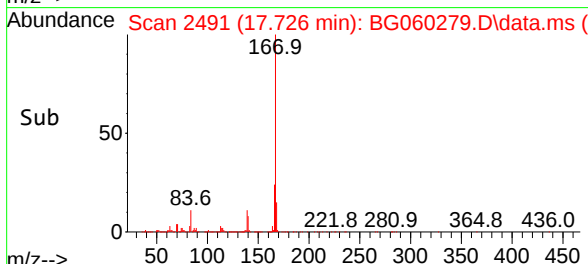


Tgt Ion:167 Resp: 328084

Ion	Ratio	Lower	Upper
167	100		
166	24.4	18.8	28.2
139	11.4	8.8	13.2

Manual Integrations
 APPROVED

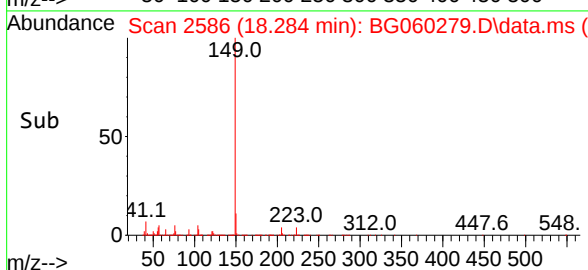
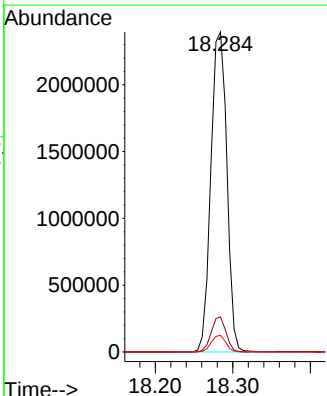
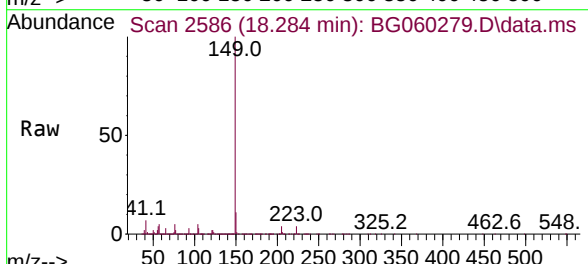
Reviewed By :Yogesh Patel 01/06/2024
 Supervised By :mohammad ahmed 01/06/2024

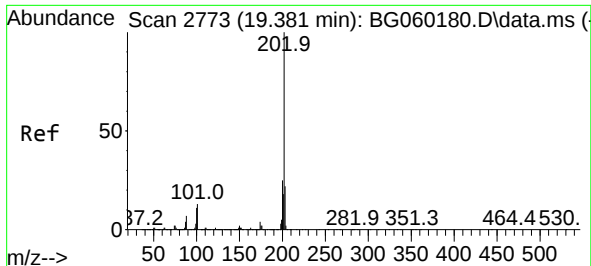


#74
 Di-n-butylphthalate
 Concen: 48.667 ng
 RT: 18.284 min Scan# 2586
 Delta R.T. -0.004 min
 Lab File: BG060279.D
 Acq: 5 Jan 2024 20:39

Tgt Ion:149 Resp: 3427626

Ion	Ratio	Lower	Upper
149	100		
150	10.9	8.3	12.5
104	5.2	4.2	6.4





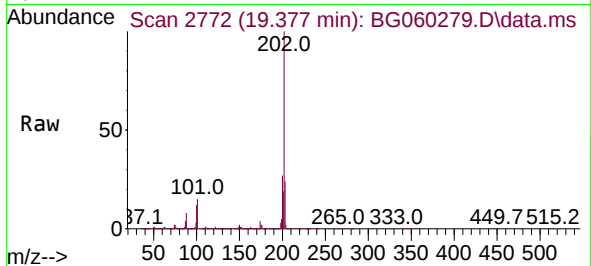
#75
Fluoranthene
Concen: 45.354 ng
RT: 19.377 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Instrument :

BNA_G

ClientSampleId :

COMP-2MS



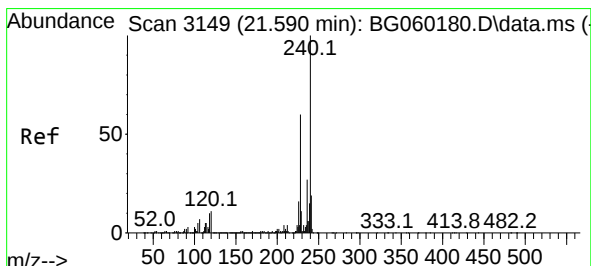
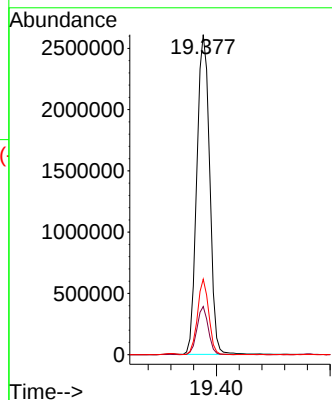
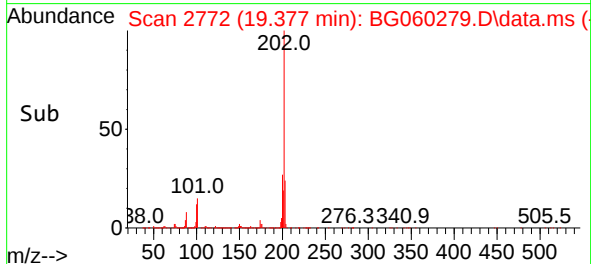
Tgt Ion:202 Resp: 410400
Ion Ratio Lower Upper
202 100
101 15.1 0.0 32.8
203 23.6 2.0 42.0

Manual Integrations

APPROVED

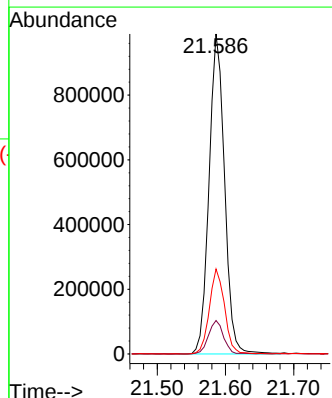
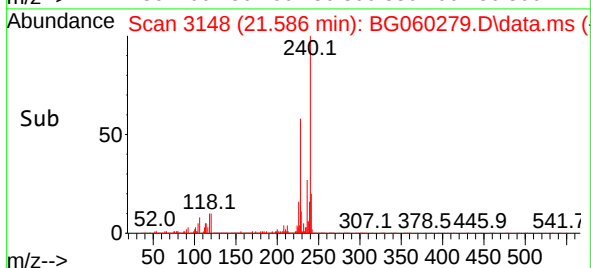
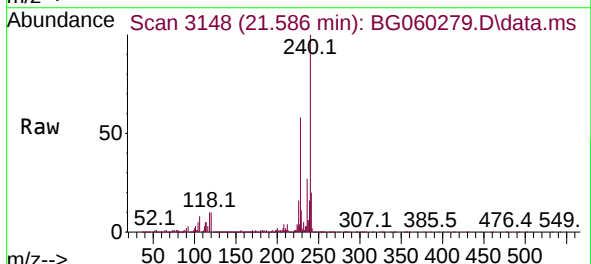
Reviewed By :Yogesh Patel 01/06/2024

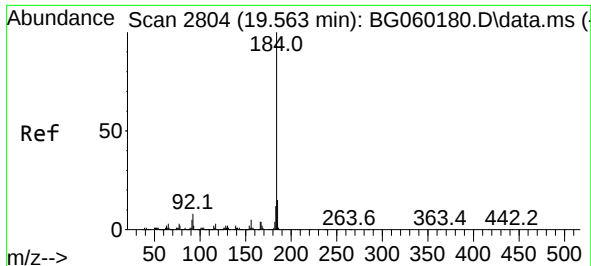
Supervised By :mohammad ahmed 01/06/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3148
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Tgt Ion:240 Resp: 1566177
Ion Ratio Lower Upper
240 100
120 10.5 8.5 12.7
236 26.5 21.4 32.2





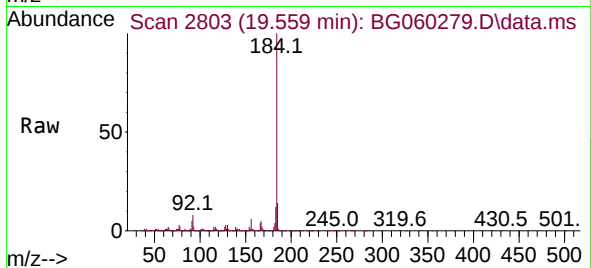
#77
Benzidine
Concen: 38.204 ng
RT: 19.559 min Scan# 2803
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Instrument :

BNA_G

ClientSampleId :

COMP-2MS



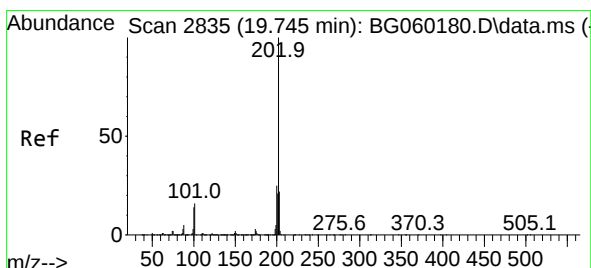
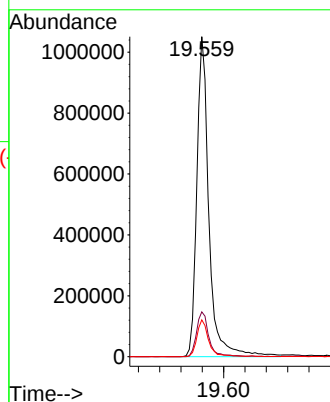
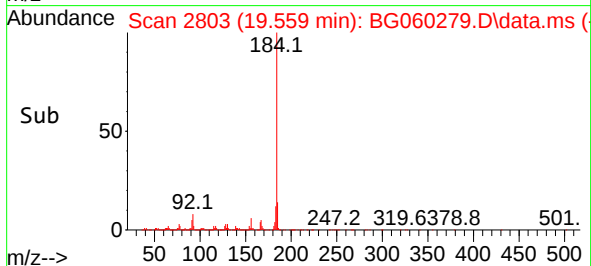
Tgt Ion:184 Resp: 165601
Ion Ratio Lower Upper
184 100
185 14.0 11.7 17.5
183 11.5 9.4 14.2

Manual Integrations

APPROVED

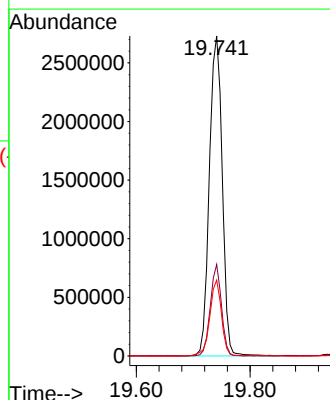
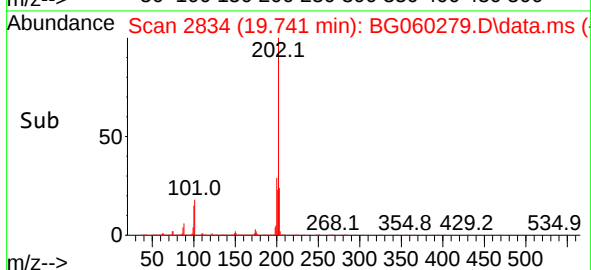
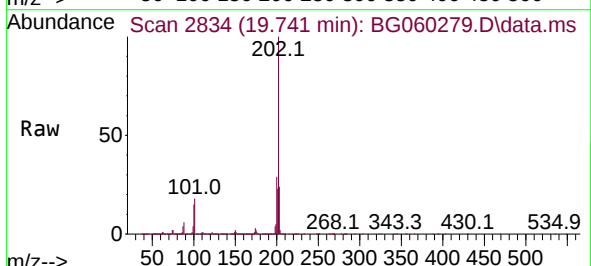
Reviewed By :Yogesh Patel 01/06/2024

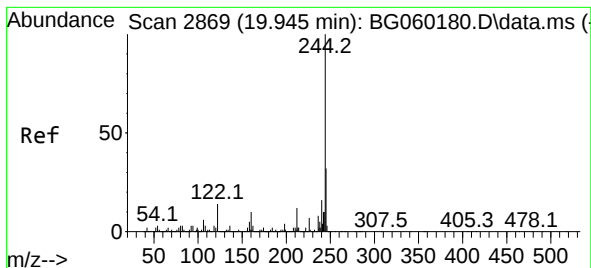
Supervised By :mohammad ahmed 01/06/2024



#78
Pyrene
Concen: 40.517 ng
RT: 19.741 min Scan# 2834
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Tgt Ion:202 Resp: 4265632
Ion Ratio Lower Upper
202 100
200 28.6 20.3 30.5
203 23.7 17.8 26.6





#79

Terphenyl-d14

Concen: 55.988 ng

RT: 19.941 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG060279.D

Acq: 5 Jan 2024 20:39

Instrument :

BNA_G

ClientSampleId :

COMP-2MS

Tgt Ion:244 Resp: 456112

Ion Ratio Lower Upper

244 100

212 10.0 9.5 14.3

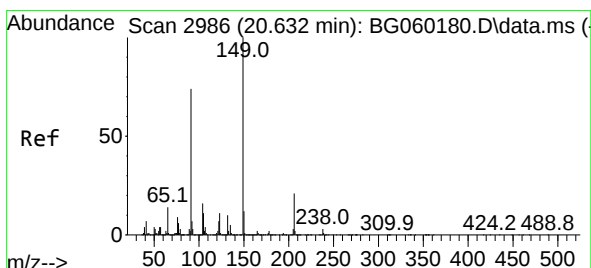
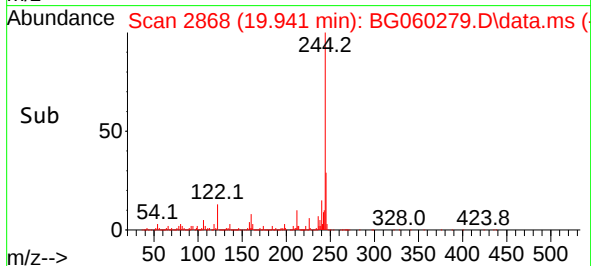
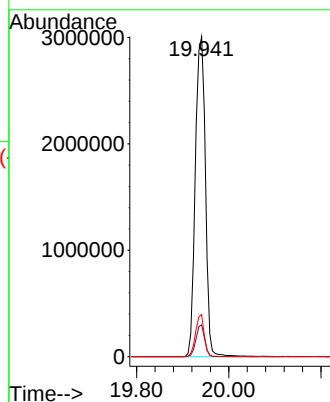
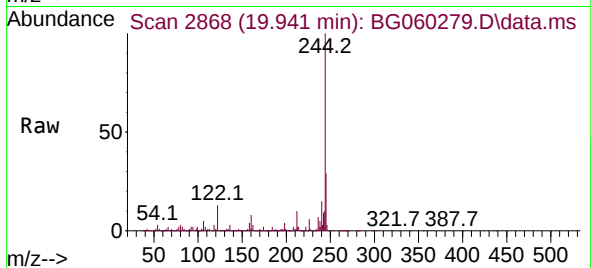
122 13.2 11.4 17.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#80

Butylbenzylphthalate

Concen: 54.840 ng

RT: 20.628 min Scan# 2985

Delta R.T. -0.004 min

Lab File: BG060279.D

Acq: 5 Jan 2024 20:39

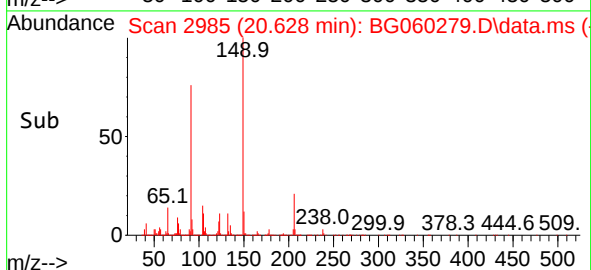
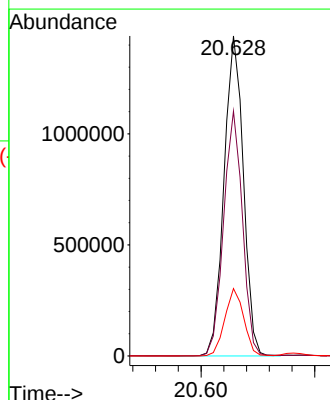
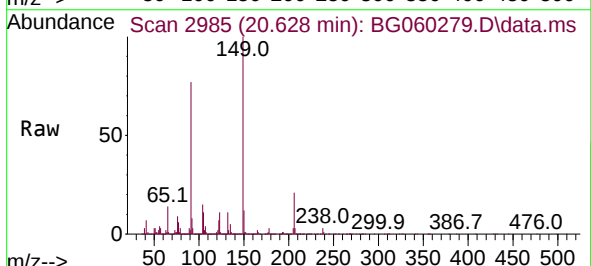
Tgt Ion:149 Resp: 1702409

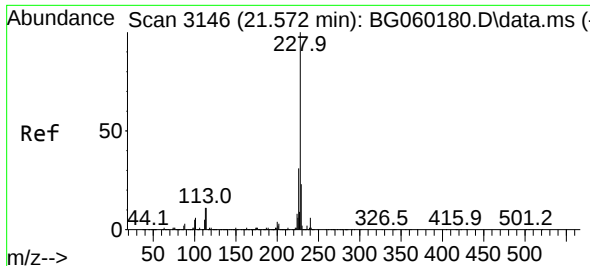
Ion Ratio Lower Upper

149 100

91 76.5 59.4 89.2

206 21.0 16.6 25.0





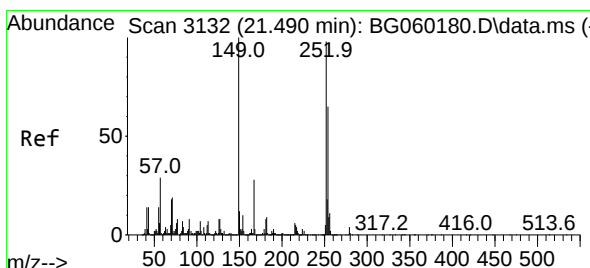
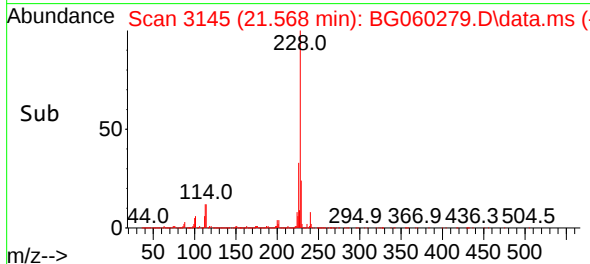
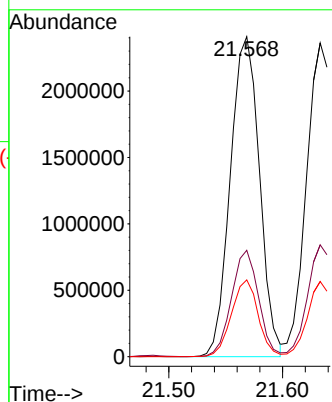
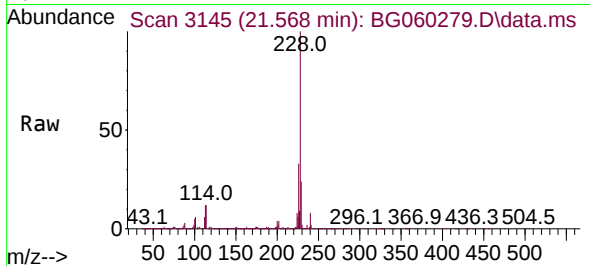
#81
Benzo(a)anthracene
Concen: 43.108 ng
RT: 21.568 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Instrument :
BNA_G
ClientSampleId :
COMP-2MS

Tgt Ion:228 Resp: 4292630
Ion Ratio Lower Upper
228 100
226 33.3 24.6 36.8
229 24.0 18.4 27.6

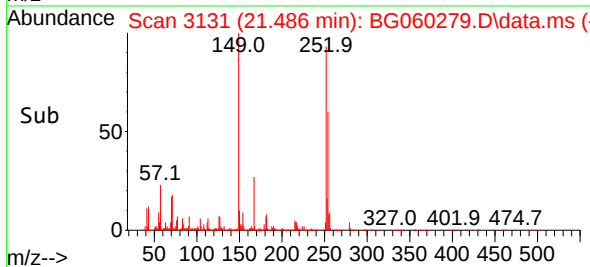
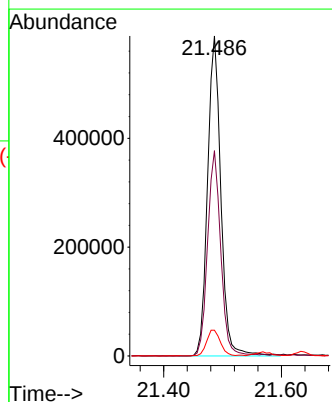
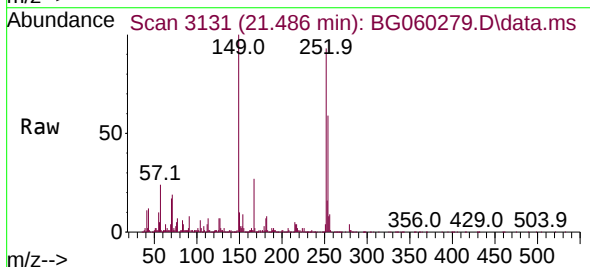
Manual Integrations
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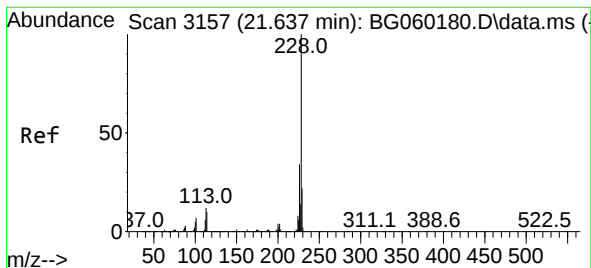
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#82
3,3'-Dichlorobenzidine
Concen: 25.479 ng
RT: 21.486 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Tgt Ion:252 Resp: 922629
Ion Ratio Lower Upper
252 100
254 64.1 52.6 78.8
126 8.0 6.9 10.3





#83

Chrysene

Concen: 42.247 ng

RT: 21.633 min Scan# 3157

Delta R.T. -0.004 min

Lab File: BG060279.D

Acq: 5 Jan 2024 20:39

Instrument :

BNA_G

ClientSampleId :

COMP-2MS

Tgt Ion:228 Resp: 4087104

Ion Ratio Lower Upper

228 100

226 35.7 26.8 40.2

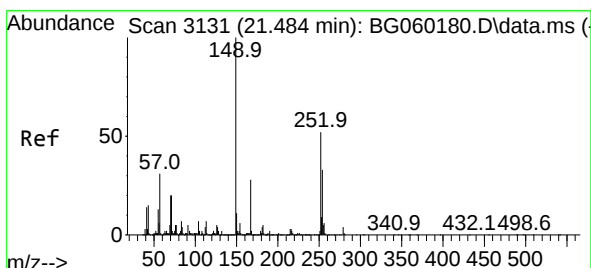
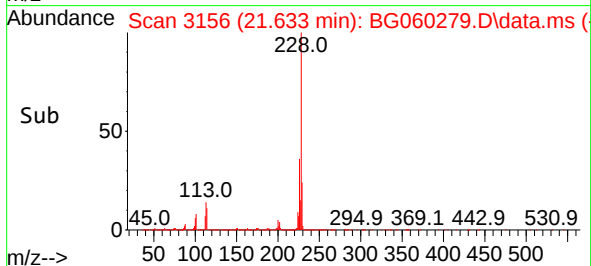
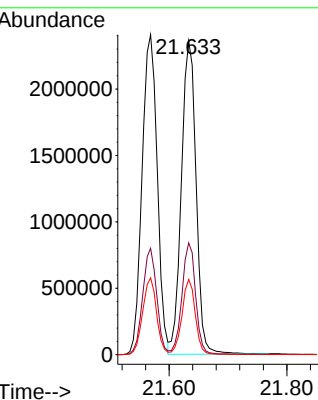
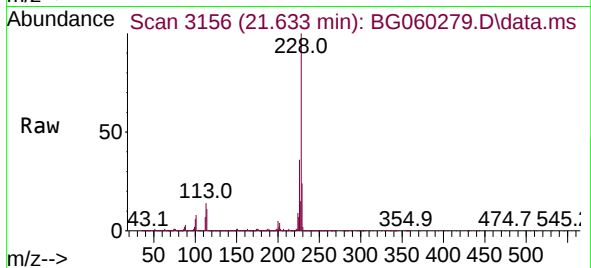
229 24.0 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.360 ng

RT: 21.474 min Scan# 3129

Delta R.T. -0.010 min

Lab File: BG060279.D

Acq: 5 Jan 2024 20:39

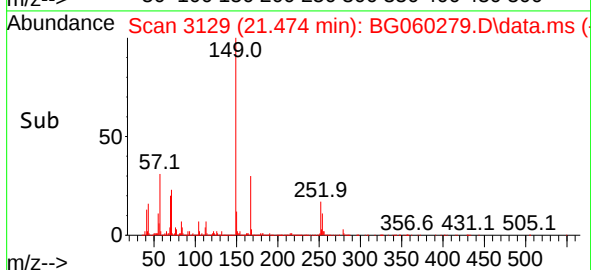
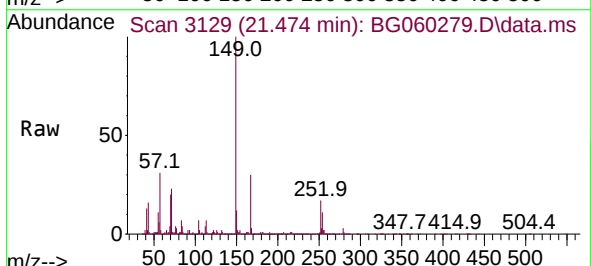
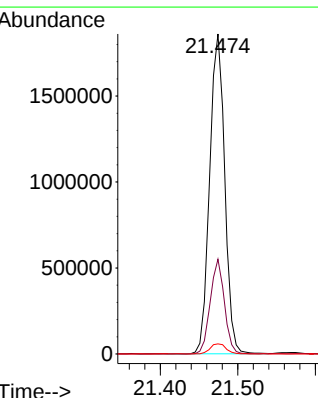
Tgt Ion:149 Resp: 2511994

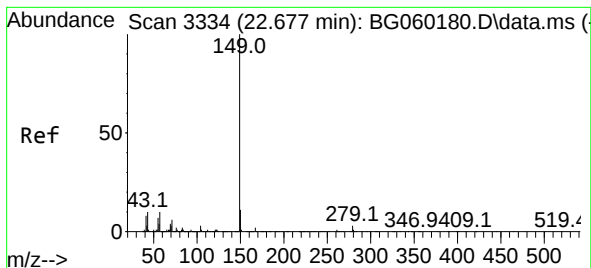
Ion Ratio Lower Upper

149 100

167 29.6 22.2 33.4

279 3.2 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 54.630 ng

RT: 22.667 min Scan# 31

Delta R.T. -0.010 min

Lab File: BG060279.D

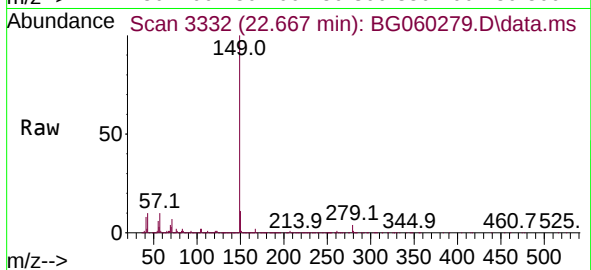
Acq: 5 Jan 2024 20:39

Instrument :

BNA_G

ClientSampleId :

COMP-2MS



Tgt Ion:149 Resp: 4209800

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

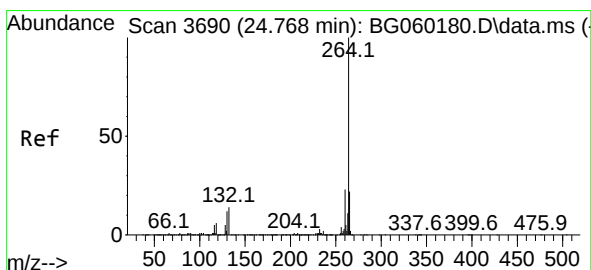
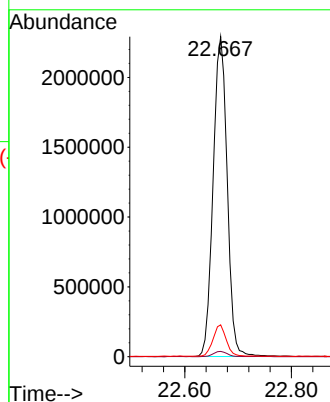
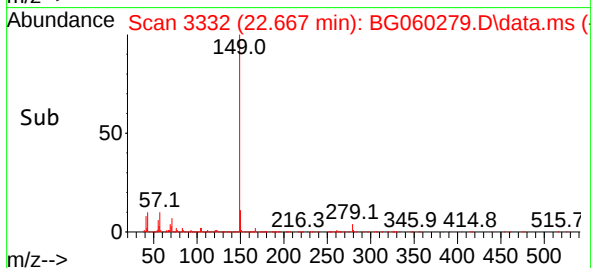
43 9.2 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.753 min Scan# 3687

Delta R.T. -0.015 min

Lab File: BG060279.D

Acq: 5 Jan 2024 20:39

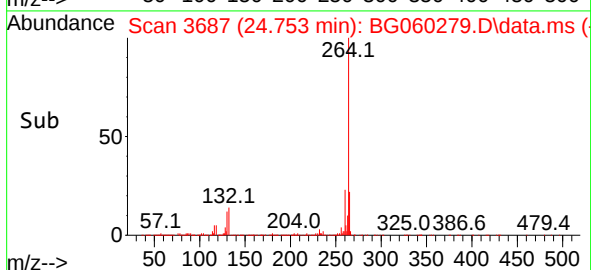
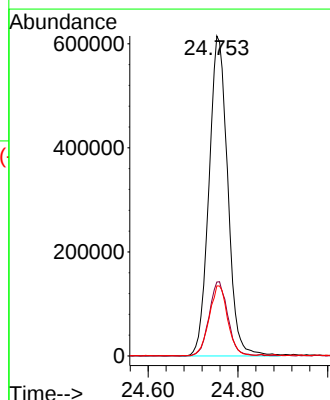
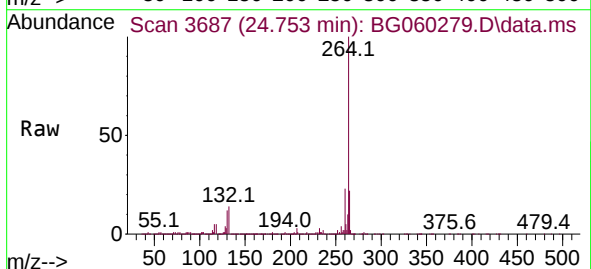
Tgt Ion:264 Resp: 1780178

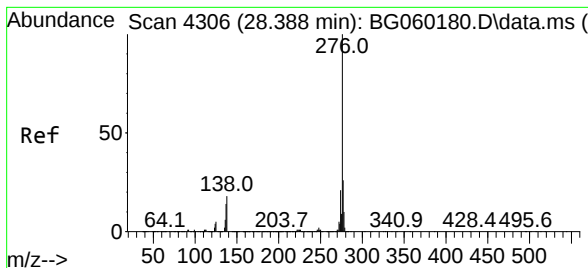
Ion Ratio Lower Upper

264 100

260 23.1 18.0 27.0

265 21.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.206 ng

RT: 28.372 min Scan# 4306

Delta R.T. -0.015 min

Lab File: BG060279.D

Acq: 5 Jan 2024 20:39

Instrument :

BNA_G

ClientSampleId :

COMP-2MS

Tgt Ion:276 Resp: 5673620

Ion Ratio Lower Upper

276 100

138 22.5 18.0 27.0

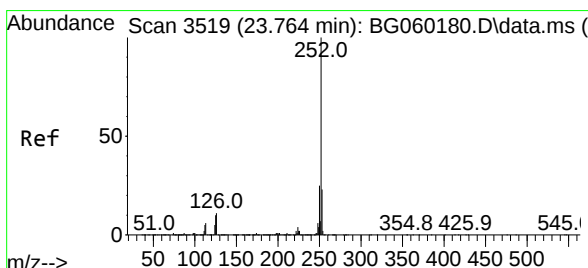
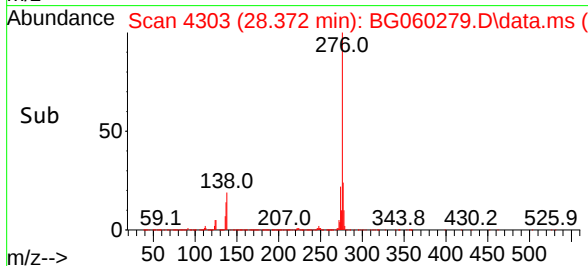
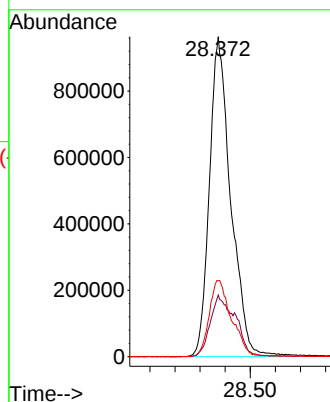
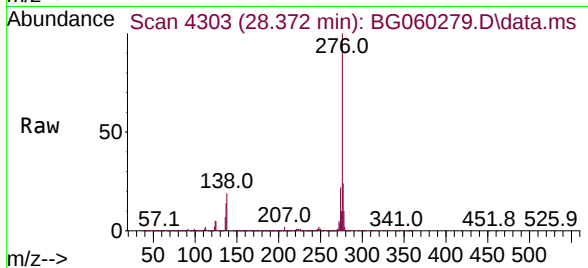
277 24.7 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#88

Benzo(b)fluoranthene

Concen: 43.047 ng

RT: 23.748 min Scan# 3516

Delta R.T. -0.015 min

Lab File: BG060279.D

Acq: 5 Jan 2024 20:39

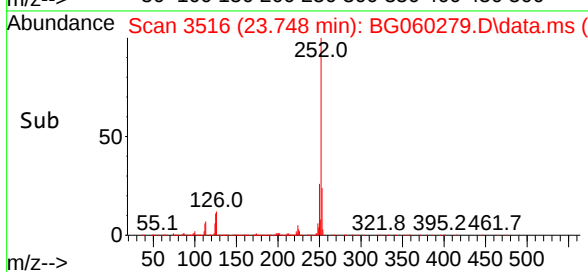
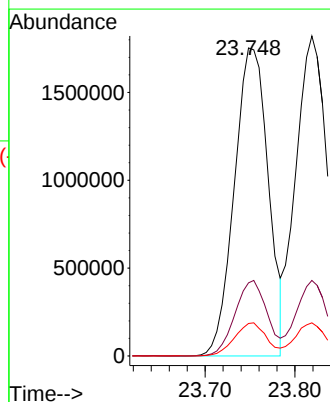
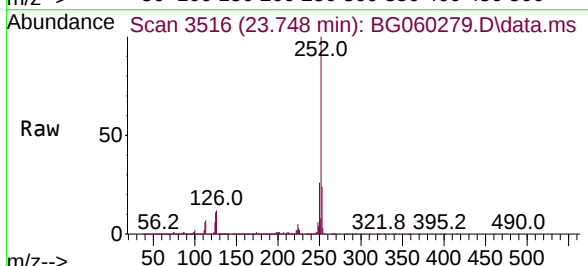
Tgt Ion:252 Resp: 4605138

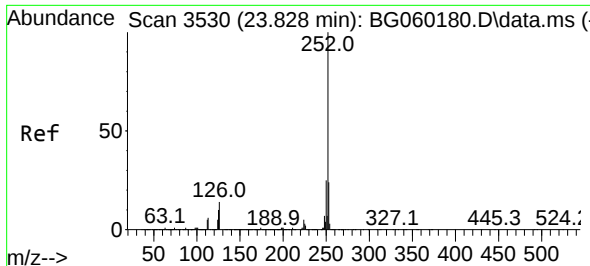
Ion Ratio Lower Upper

252 100

253 23.8 18.4 27.6

125 10.6 8.0 12.0





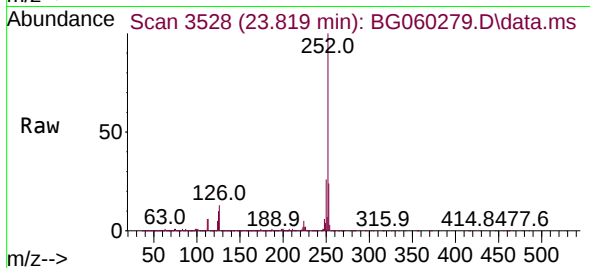
#89
Benzo(k)fluoranthene
Concen: 42.087 ng
RT: 23.819 min Scan# 3528
Delta R.T. -0.010 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39

Instrument :

BNA_G

ClientSampleId :

COMP-2MS

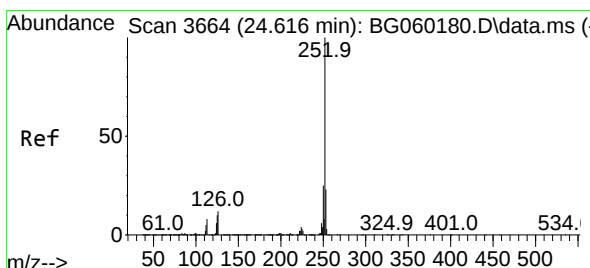
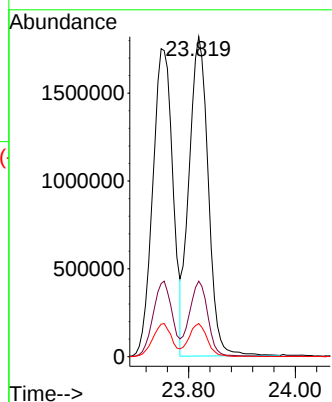
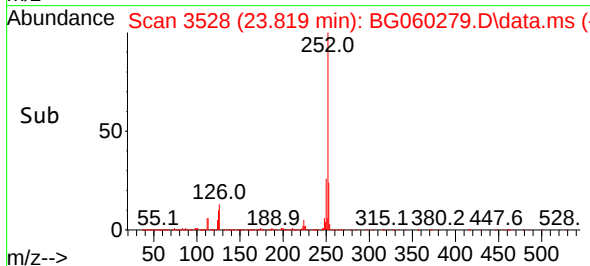


Tgt Ion:252 Resp: 4531620
Ion Ratio Lower Upper
252 100
253 23.6 19.1 28.7
125 10.3 7.7 11.5

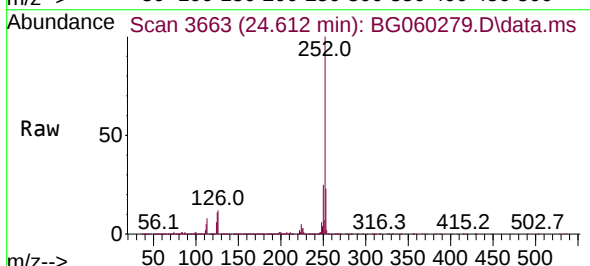
Manual Integrations

APPROVED

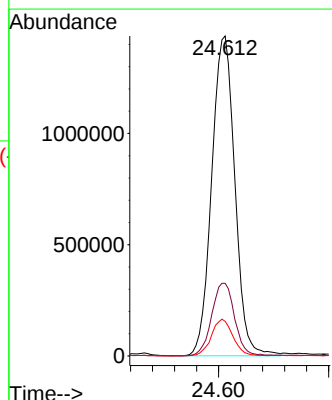
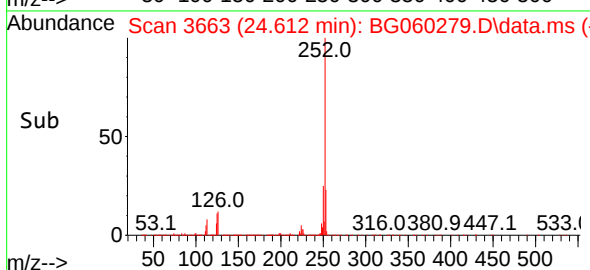
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

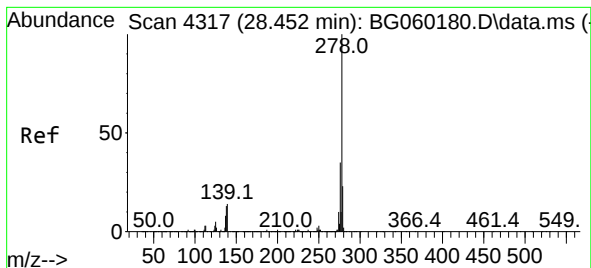


#90
Benzo(a)pyrene
Concen: 43.356 ng
RT: 24.612 min Scan# 3663
Delta R.T. -0.004 min
Lab File: BG060279.D
Acq: 5 Jan 2024 20:39



Tgt Ion:252 Resp: 4196228
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 10.8 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 44.498 ng

RT: 28.443 min Scan# 41

Delta R.T. -0.010 min

Lab File: BG060279.D

Acq: 5 Jan 2024 20:39

Instrument :

BNA_G

ClientSampleId :

COMP-2MS

Tgt Ion:278 Resp: 4588740

Ion Ratio Lower Upper

278 100

139 13.9 11.0 16.4

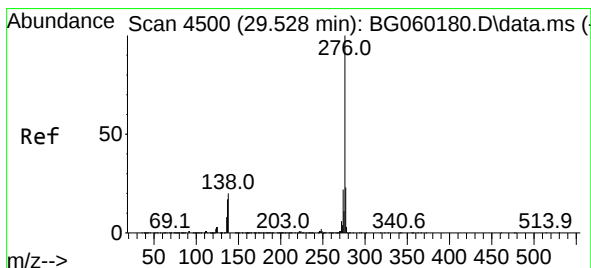
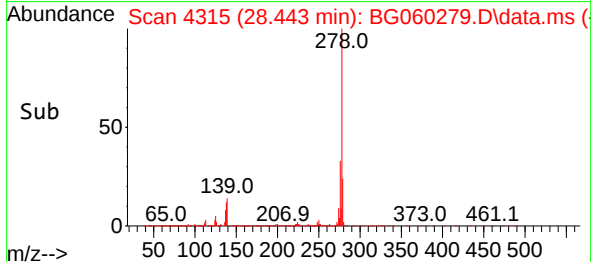
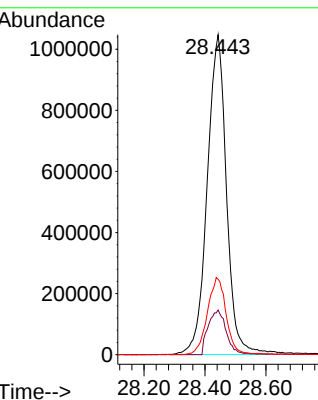
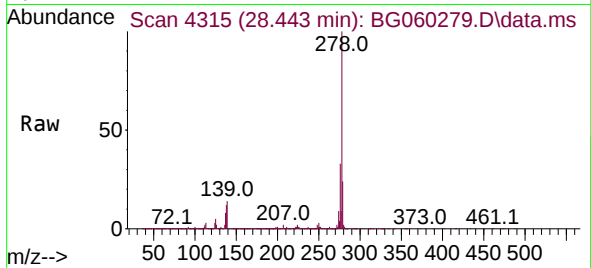
279 23.5 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#92

Benzo(g,h,i)perylene

Concen: 42.964 ng

RT: 29.512 min Scan# 4497

Delta R.T. -0.015 min

Lab File: BG060279.D

Acq: 5 Jan 2024 20:39

Tgt Ion:276 Resp: 4487790

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 19.8 15.9 23.9

