

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
 Data File : BG060280.D
 Acq On : 5 Jan 2024 21:20
 Operator : MA/JU
 Sample : P1040-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024

Quant Time: Jan 06 00:46:50 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	238013	20.000	ng	0.00
21) Naphthalene-d8	10.736	136	934080	20.000	ng	0.00
39) Acenaphthene-d10	14.572	164	685231	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	1719575	20.000	ng	0.00
76) Chrysene-d12	21.587	240	1625281	20.000	ng	0.00
86) Perylene-d12	24.754	264	1838686	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.506	112	1244051	78.890	ng	0.00
7) Phenol-d6	7.099	99	2042543	87.237	ng	0.00
23) Nitrobenzene-d5	9.096	82	1334777	66.004	ng	0.00
42) 2,4,6-Tribromophenol	16.065	330	707438	77.126	ng	0.00
45) 2-Fluorobiphenyl	13.191	172	3134427	65.742	ng	0.00
79) Terphenyl-d14	19.936	244	4669142	55.230	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.409	88	252963	36.056	ng	# 92
3) Pyridine	3.797	79	635644	31.946	ng	97
4) n-Nitrosodimethylamine	3.720	42	269175	36.263	ng	92
6) Aniline	7.257	93	597648	25.477	ng	97
8) 2-Chlorophenol	7.498	128	661736	43.663	ng	99
9) Benzaldehyde	7.069	77	137696	9.782	ng	96
10) Phenol	7.128	94	1036680	43.906	ng	95
11) bis(2-Chloroethyl)ether	7.351	93	758049	39.676	ng	95
12) 1,3-Dichlorobenzene	7.821	146	737392	39.415	ng	98
13) 1,4-Dichlorobenzene	7.968	146	753089	39.817	ng	98
14) 1,2-Dichlorobenzene	8.285	146	730426	39.503	ng	98
15) Benzyl Alcohol	8.174	79	642935	44.240	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.456	45	885145	36.098	ng	98
17) 2-Methylphenol	8.374	107	647652	43.807	ng	98
18) Hexachloroethane	9.014	117	254302	42.691	ng	89
19) n-Nitroso-di-n-propyla...	8.738	70	600515	37.543	ng	98
20) 3+4-Methylphenols	8.703	107	888651	42.410	ng	97
22) Acetophenone	8.755	105	1184011	42.783	ng	# 97
24) Nitrobenzene	9.137	77	856124	41.377	ng	97
25) Isophorone	9.654	82	1627541	38.467	ng	99
26) 2-Nitrophenol	9.848	139	360141	49.881	ng	96
27) 2,4-Dimethylphenol	9.907	122	553031	54.075	ng	99
28) bis(2-Chloroethoxy)met...	10.142	93	1017723	41.069	ng	99
29) 2,4-Dichlorophenol	10.383	162	761091	47.088	ng	95
30) 1,2,4-Trichlorobenzene	10.600	180	794696	40.396	ng	99
31) Naphthalene	10.788	128	2039144	41.351	ng	98
32) Benzoic acid	10.048	122	407100	45.282	ng	90
33) 4-Chloroaniline	10.894	127	289391	15.026	ng	96
34) Hexachlorobutadiene	11.070	225	461660	39.457	ng	100
35) Caprolactam	11.670	113	246893m	45.920	ng	
36) 4-Chloro-3-methylphenol	12.022	107	755773	45.434	ng	99
37) 2-Methylnaphthalene	12.398	142	1460923	41.015	ng	99
38) 1-Methylnaphthalene	12.616	142	1445833	40.148	ng	98
40) 1,2,4,5-Tetrachloroben...	12.763	216	962903	43.869	ng	99
41) Hexachlorocyclopentadiene	12.745	237	928250	130.839	ng	100
43) 2,4,6-Trichlorophenol	13.003	196	673815	46.716	ng	96

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Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024

Quant Time: Jan 06 00:46:50 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M

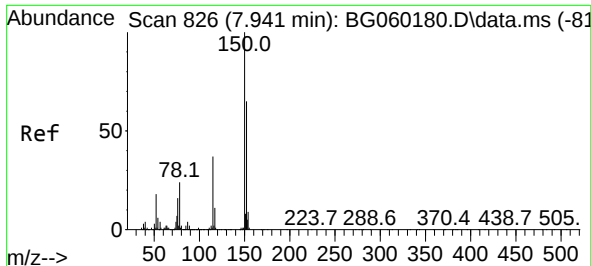
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Dec 30 03:14:04 2023

Response via : Initial Calibration

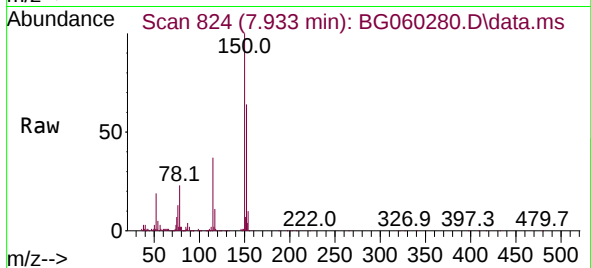
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	743419	46.073	ng	99
46) 1,1'-Biphenyl	13.403	154	2174866	43.139	ng	98
47) 2-Chloronaphthalene	13.450	162	1801029	41.931	ng	99
48) 2-Nitroaniline	13.656	65	555600	49.496	ng	97
49) Acenaphthylene	14.296	152	2857726	46.176	ng	99
50) Dimethylphthalate	14.026	163	2227727	42.108	ng	99
51) 2,6-Dinitrotoluene	14.149	165	500841	45.514	ng	99
52) Acenaphthene	14.637	154	1616351	41.854	ng	99
53) 3-Nitroaniline	14.478	138	251559	24.261	ng	# 88
54) 2,4-Dinitrophenol	14.684	184	566324	87.514	ng	97
55) Dibenzofuran	14.972	168	2776854	42.926	ng	99
56) 4-Nitrophenol	14.790	139	841234	107.333	ng	97
57) 2,4-Dinitrotoluene	14.936	165	701729	46.897	ng	98
58) Fluorene	15.618	166	2255840	42.518	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.195	232	683782	48.619	ng	99
60) Diethylphthalate	15.389	149	2166187	42.936	ng	99
61) 4-Chlorophenyl-phenyle...	15.612	204	1158122	41.921	ng	97
62) 4-Nitroaniline	15.647	138	499300	45.688	ng	98
63) Azobenzene	15.906	77	2249503	43.006	ng	98
65) 4,6-Dinitro-2-methylph...	15.694	198	408881	47.521	ng	95
66) n-Nitrosodiphenylamine	15.830	169	2015019	43.486	ng	99
67) 4-Bromophenyl-phenylether	16.505	248	741011	40.645	ng	94
68) Hexachlorobenzene	16.623	284	873804	40.879	ng	95
69) Atrazine	16.776	200	815953	47.911	ng	99
70) Pentachlorophenol	16.969	266	1096674	93.393	ng	98
71) Phenanthrene	17.363	178	3661003	43.072	ng	98
72) Anthracene	17.451	178	3653947	43.279	ng	97
73) Carbazole	17.727	167	3373474	42.128	ng	97
74) Di-n-butylphthalate	18.280	149	3549534	45.741	ng	98
75) Fluoranthene	19.378	202	4191360	42.040	ng	97
77) Benzidine	19.560	184	1706895	37.946	ng	99
78) Pyrene	19.743	202	4323402	39.572	ng	95
80) Butylbenzylphthalate	20.630	149	1737918	53.948	ng	98
81) Benzo(a)anthracene	21.570	228	4350456	42.100	ng	97
82) 3,3'-Dichlorobenzidine	21.488	252	948061	25.229	ng	99
83) Chrysene	21.634	228	4151209	41.349	ng	95
84) Bis(2-ethylhexyl)phtha...	21.476	149	2563075	52.465	ng	99
85) Di-n-octyl phthalate	22.669	149	4249623	53.142	ng	99
87) Indeno(1,2,3-cd)pyrene	28.374	276	5662895	43.684	ng	99
88) Benzo(b)fluoranthene	23.750	252	4663771	42.208	ng	98
89) Benzo(k)fluoranthene	23.820	252	4514561	40.594	ng	99
90) Benzo(a)pyrene	24.613	252	4282636	42.841	ng	99
91) Dibenzo(a,h)anthracene	28.438	278	4632566	43.493	ng	96
92) Benzo(g,h,i)perylene	29.502	276	4510884	41.811	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.933 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

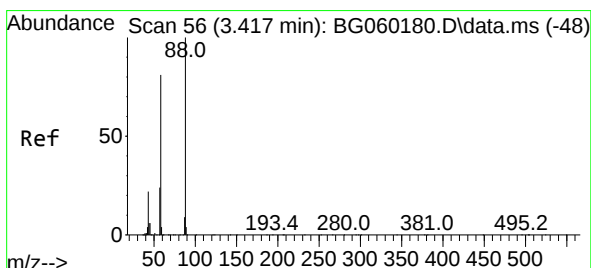
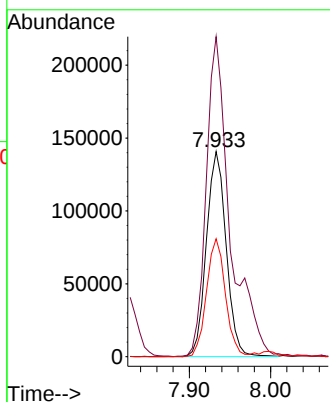
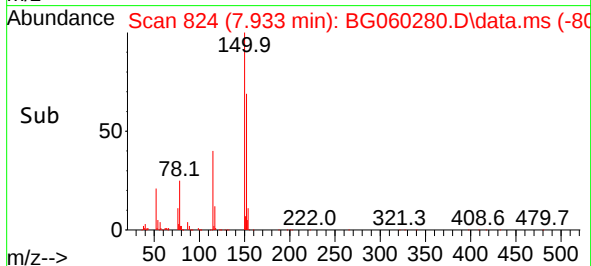
Instrument :
BNA_G
ClientSampleId :
COMP-2MSD



Tgt Ion:152 Resp: 23801
Ion Ratio Lower Upper
152 100
150 156.0 123.4 185.0
115 57.4 45.4 68.0

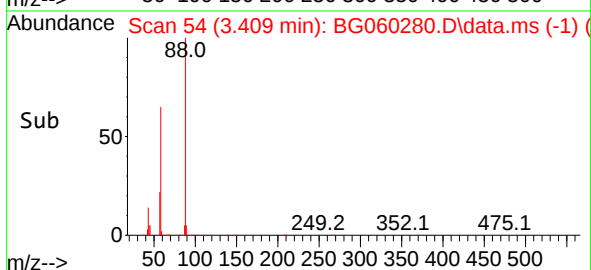
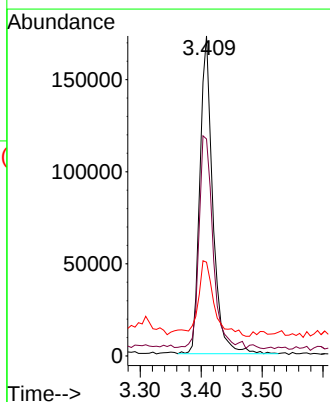
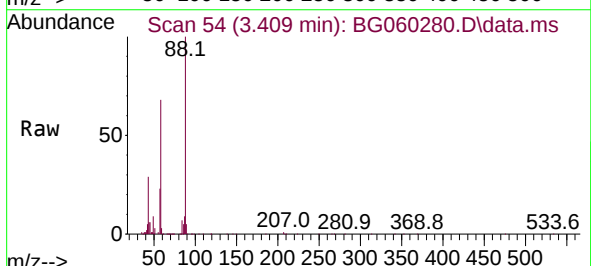
Manual Integrations
APPROVED

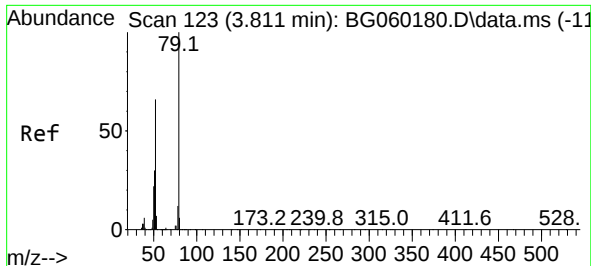
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#2
1,4-Dioxane
Concen: 36.056 ng
RT: 3.409 min Scan# 54
Delta R.T. -0.008 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

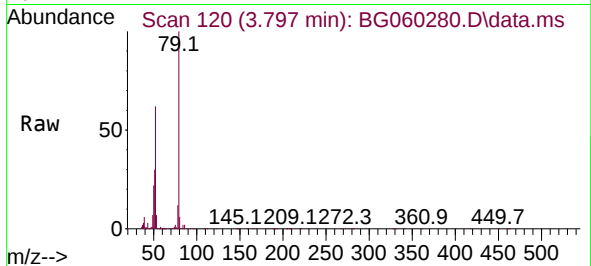
Tgt Ion: 88 Resp: 252963
Ion Ratio Lower Upper
88 100
58 70.6 60.5 90.7
43 30.6 18.9 28.3





#3
Pyridine
Concen: 31.946 ng
RT: 3.797 min Scan# 11
Delta R.T. -0.014 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

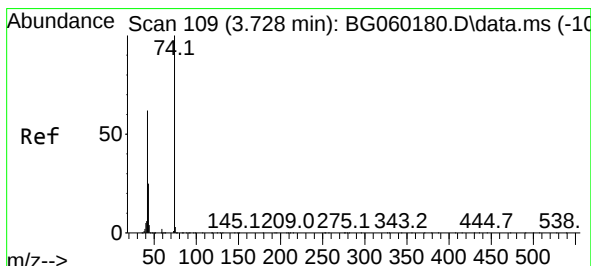
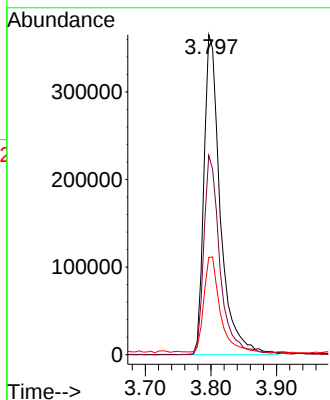
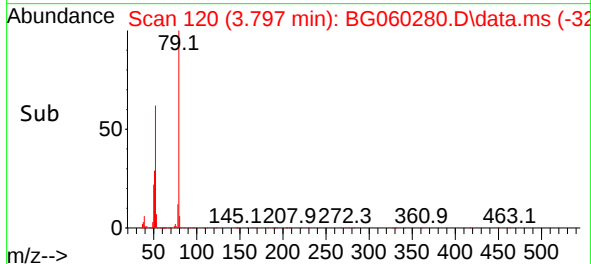
Instrument :
BNA_G
ClientSampleId :
COMP-2MSD



Tgt Ion: 79 Resp: 63564
Ion Ratio Lower Upper
79 100
52 62.3 52.9 79.3
51 30.4 24.6 37.0

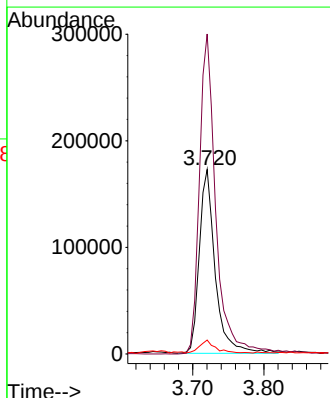
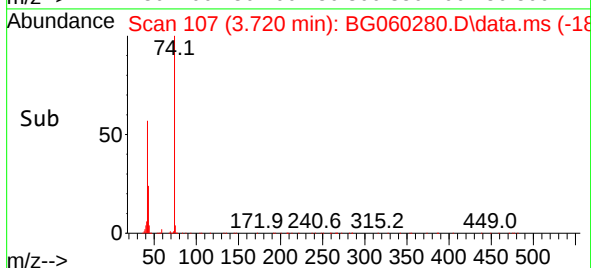
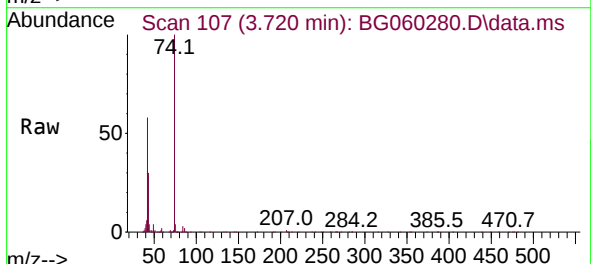
Manual Integrations
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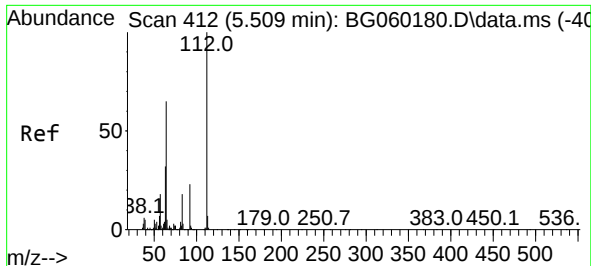
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#4
n-Nitrosodimethylamine
Concen: 36.263 ng
RT: 3.720 min Scan# 107
Delta R.T. -0.008 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Tgt Ion: 42 Resp: 269175
Ion Ratio Lower Upper
42 100
74 173.4 129.5 194.3
44 7.6 5.9 8.9





#5
2-Fluorophenol
Concen: 78.890 ng
RT: 5.506 min Scan# 412
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

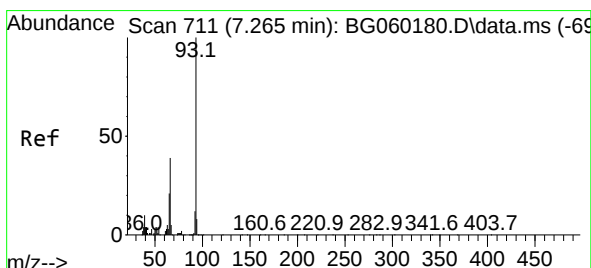
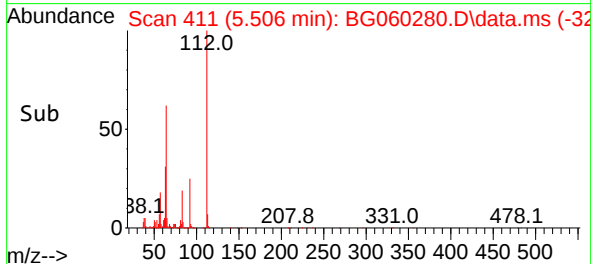
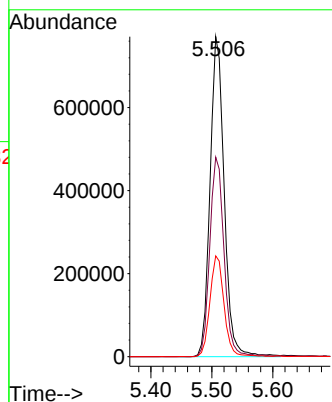
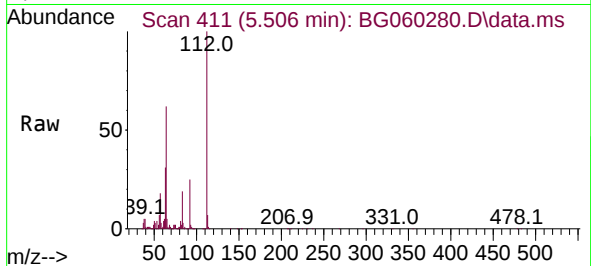
ClientSampleId :

COMP-2MSD

Tgt Ion:112 Resp: 124405
Ion Ratio Lower Upper
112 100
64 62.3 52.2 78.4
63 31.5 25.4 38.0

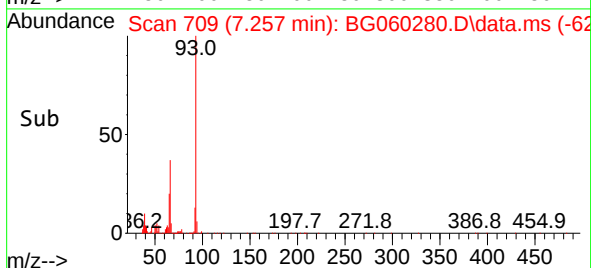
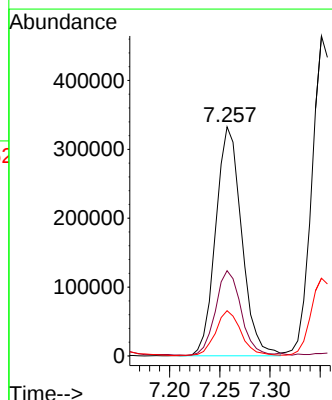
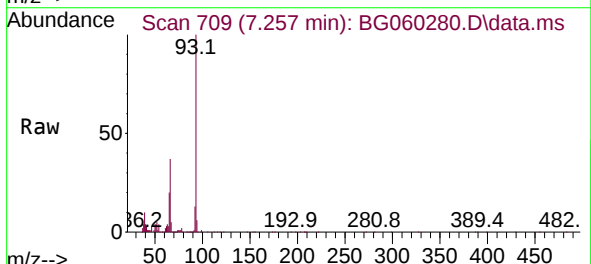
Manual Integrations
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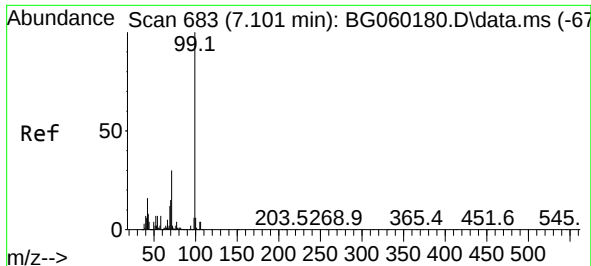
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#6
Aniline
Concen: 25.477 ng
RT: 7.257 min Scan# 709
Delta R.T. -0.008 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

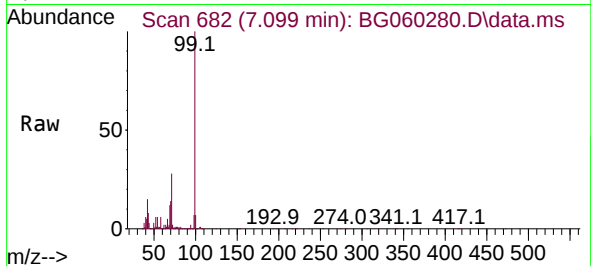
Tgt Ion: 93 Resp: 597648
Ion Ratio Lower Upper
93 100
66 37.3 31.7 47.5
65 19.8 16.7 25.1





#7
Phenol-d6
Concen: 87.237 ng
RT: 7.099 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

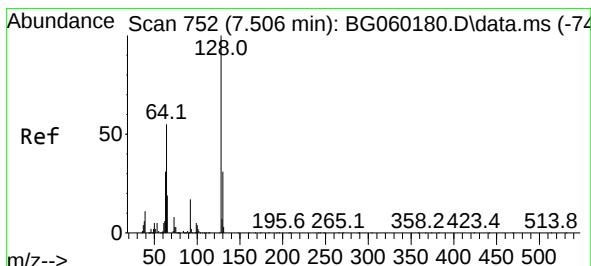
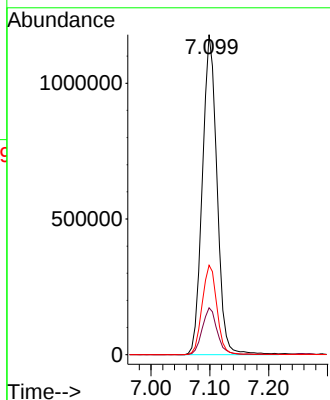
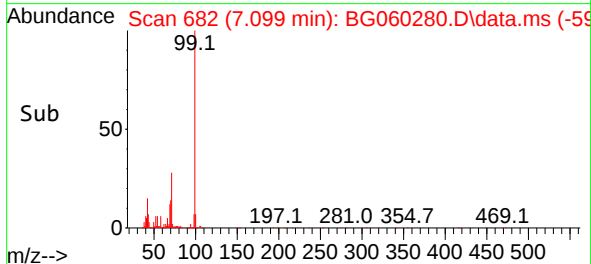
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BNA_G
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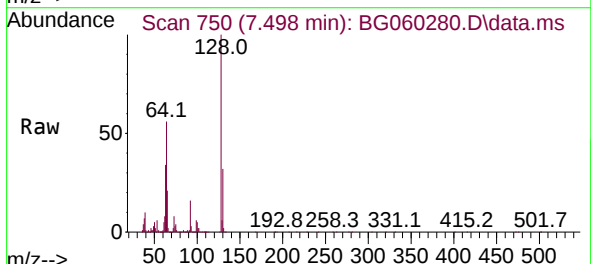
Tgt Ion: 99 Resp: 204254
Ion Ratio Lower Upper
99 100
42 14.7 12.5 18.7
71 28.0 24.1 36.1

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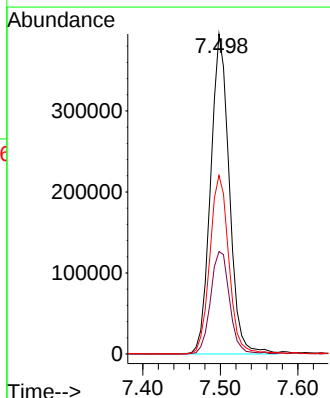
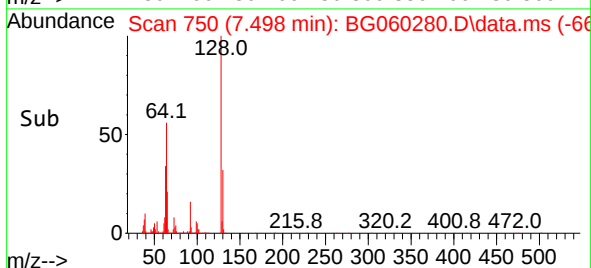
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

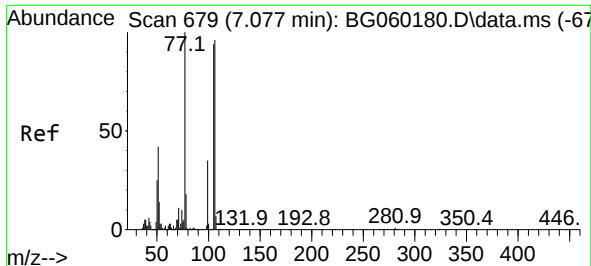


#8
2-Chlorophenol
Concen: 43.663 ng
RT: 7.498 min Scan# 750
Delta R.T. -0.008 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20



Tgt Ion:128 Resp: 661736
Ion Ratio Lower Upper
128 100
130 32.0 11.3 51.3
64 55.8 36.4 76.4





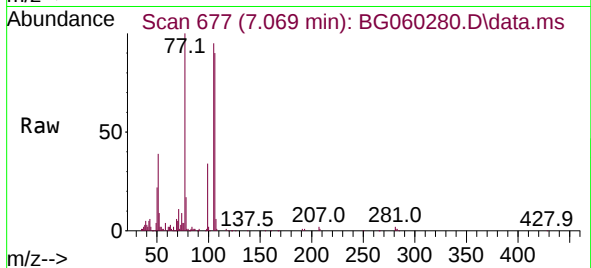
#9
Benzaldehyde
Concen: 9.782 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD



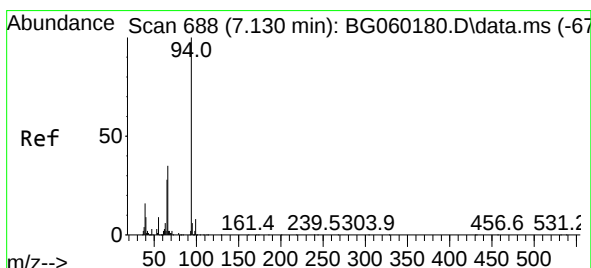
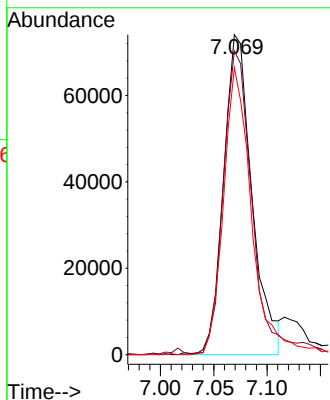
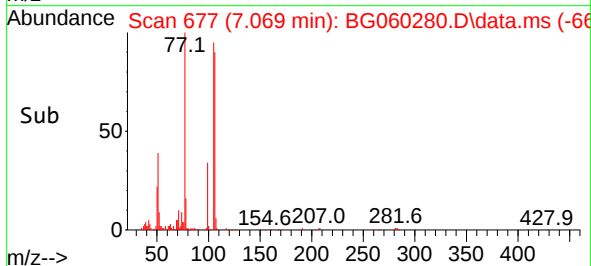
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Ion Ratio Lower Upper
77 100
105 95.0 73.8 113.8
106 89.7 76.2 116.2

Manual Integrations

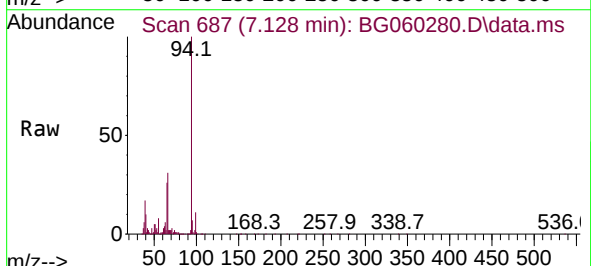
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Reviewed By :Yogesh Patel 01/06/2024

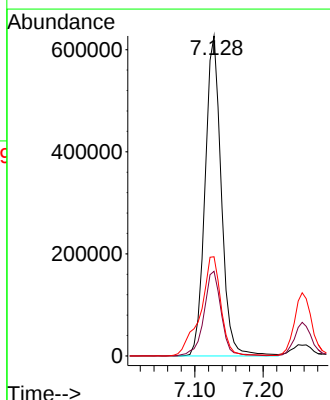
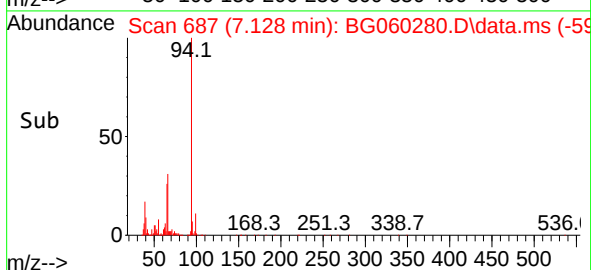
Supervised By :mohammad ahmed 01/06/2024

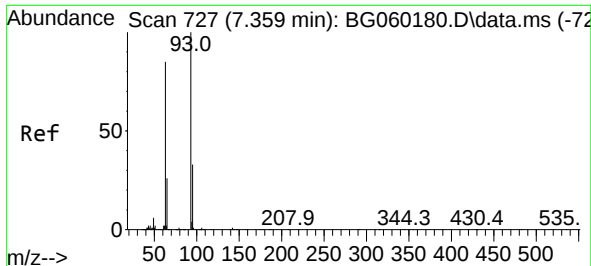


#10
Phenol
Concen: 43.906 ng
RT: 7.128 min Scan# 687
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20



Tgt Ion: 94 Resp: 1036680
Ion Ratio Lower Upper
94 100
65 26.4 8.4 48.4
66 31.0 15.0 55.0





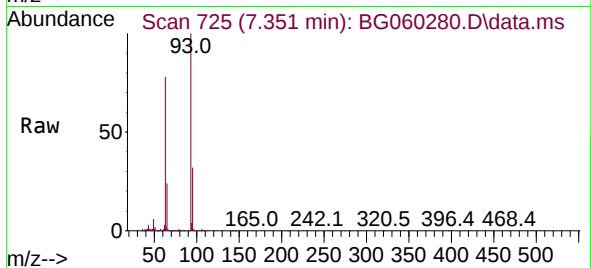
#11
bis(2-Chloroethyl)ether
Concen: 39.676 ng
RT: 7.351 min Scan# 725
Delta R.T. -0.008 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

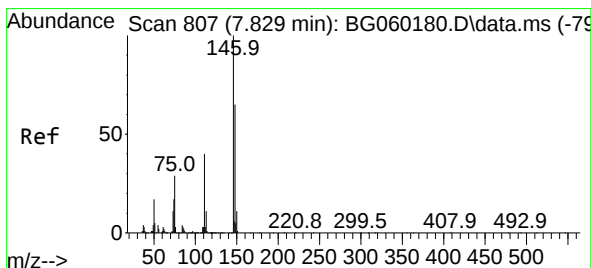
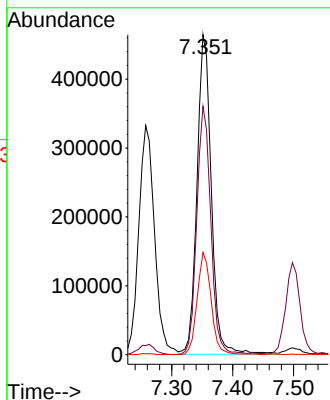
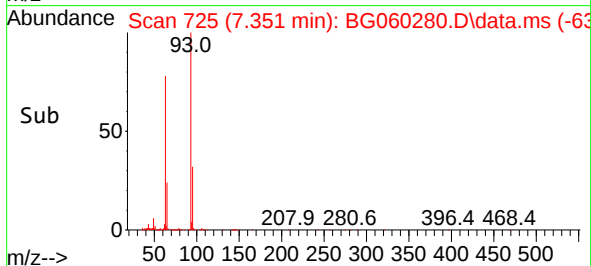
COMP-2MSD



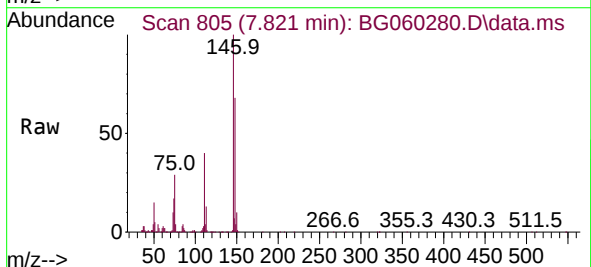
Tgt Ion: 93 Resp: 758049
Ion Ratio Lower Upper
93 100
63 77.6 63.8 103.8
95 32.0 12.3 52.3

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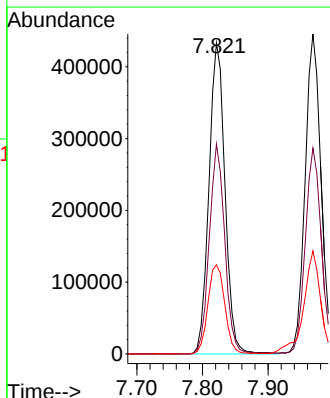
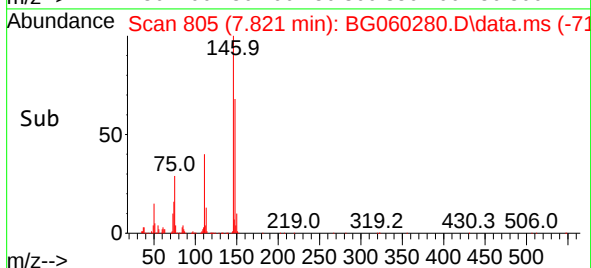
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

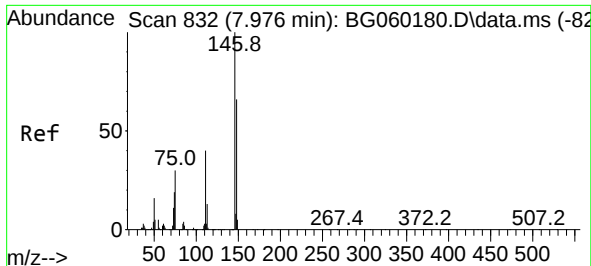


#12
1,3-Dichlorobenzene
Concen: 39.415 ng
RT: 7.821 min Scan# 805
Delta R.T. -0.008 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20



Tgt Ion:146 Resp: 737392
Ion Ratio Lower Upper
146 100
148 67.5 52.2 78.4
75 28.6 23.4 35.2





#13
1,4-Dichlorobenzene
Concen: 39.817 ng
RT: 7.968 min Scan# 811
Delta R.T. -0.008 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

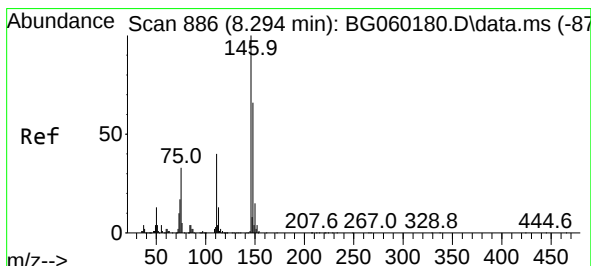
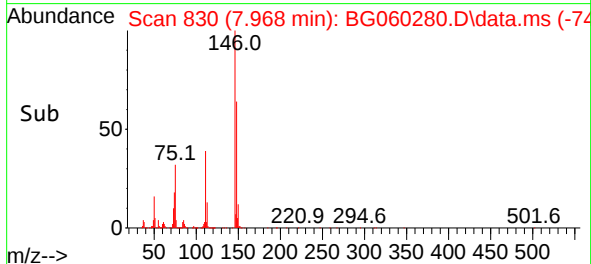
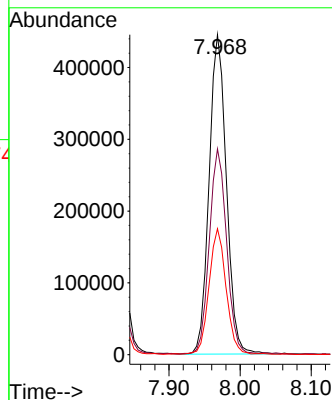
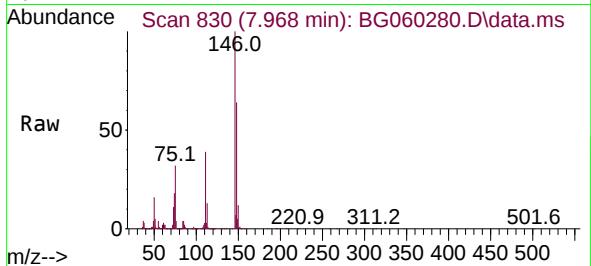
ClientSampleId :

COMP-2MSD

Tgt Ion:146 Resp: 753089
Ion Ratio Lower Upper
146 100
148 64.3 53.0 79.4
111 39.4 32.0 48.0

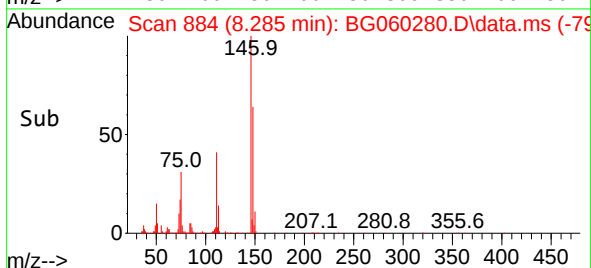
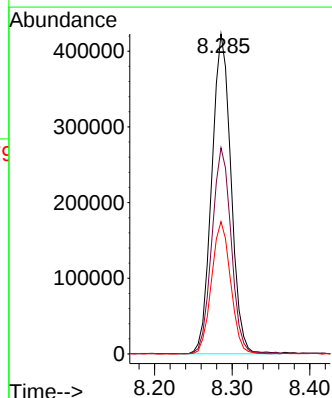
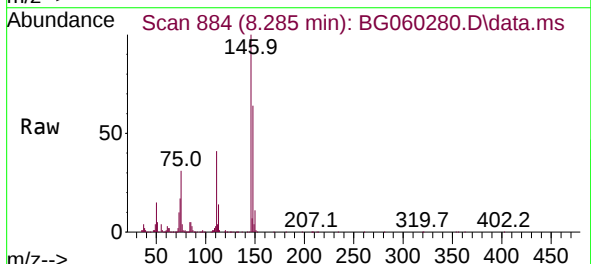
Manual Integrations
APPROVED

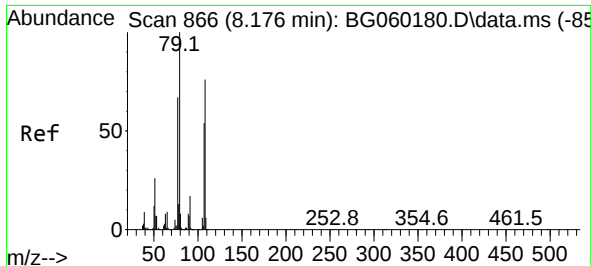
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#14
1,2-Dichlorobenzene
Concen: 39.503 ng
RT: 8.285 min Scan# 884
Delta R.T. -0.008 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Tgt Ion:146 Resp: 730426
Ion Ratio Lower Upper
146 100
148 64.4 52.9 79.3
111 41.4 31.8 47.8





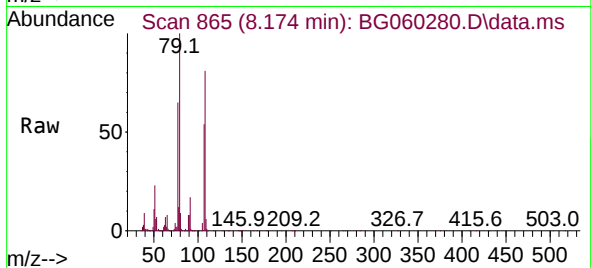
#15
Benzyl Alcohol
Concen: 44.240 ng
RT: 8.174 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

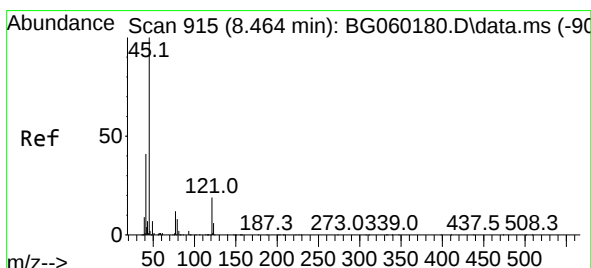
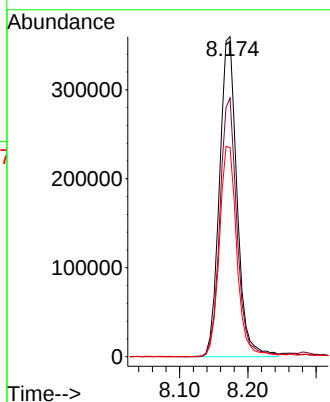
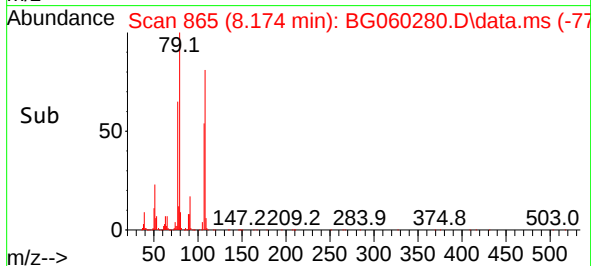
COMP-2MSD



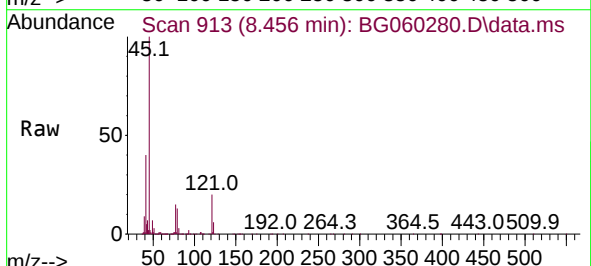
Tgt Ion: 79 Resp: 642935
Ion Ratio Lower Upper
79 100
108 80.8 60.6 91.0
77 65.3 53.8 80.6

Manual Integrations
APPROVED

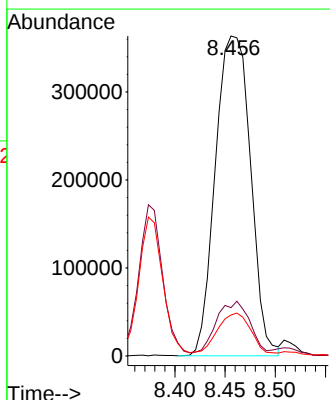
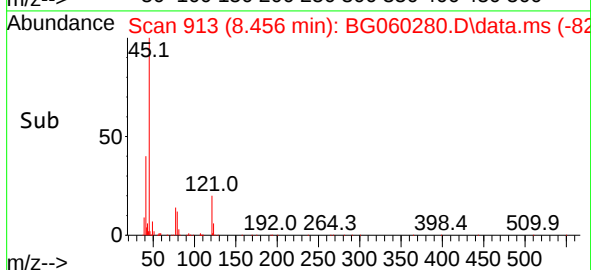
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

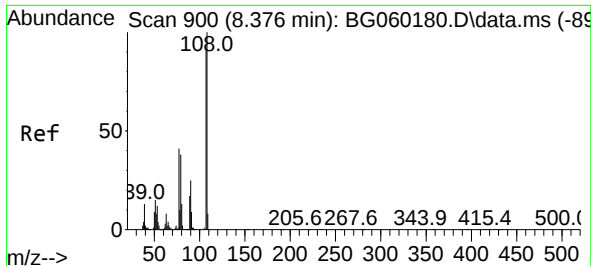


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.098 ng
RT: 8.456 min Scan# 913
Delta R.T. -0.008 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20



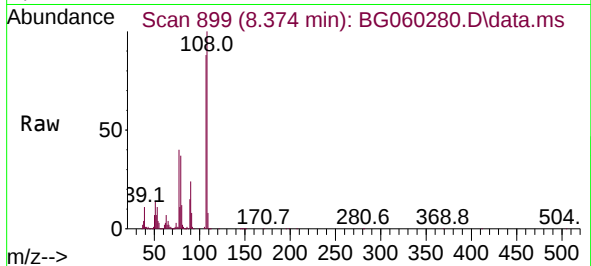
Tgt Ion: 45 Resp: 885145
Ion Ratio Lower Upper
45 100
77 15.1 0.0 35.5
79 12.8 0.0 31.5





#17
2-Methylphenol
Concen: 43.807 ng
RT: 8.374 min Scan# 899
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

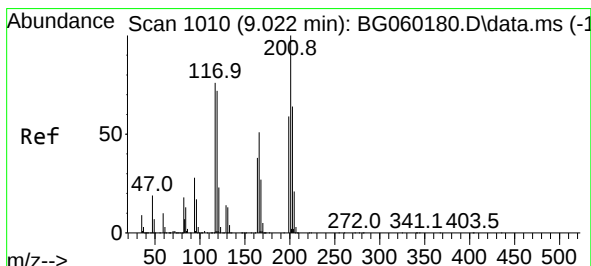
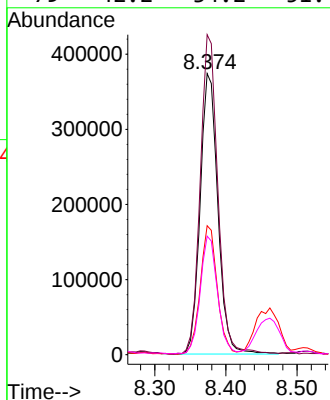
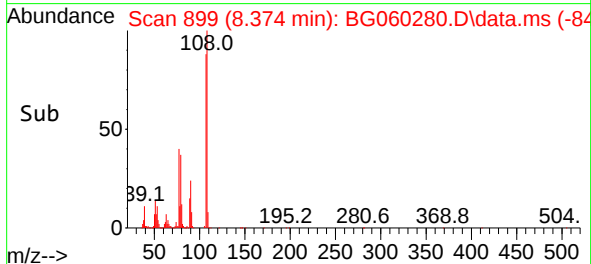
Instrument :
BNA_G
ClientSampleId :
COMP-2MSD



Tgt Ion:107 Resp: 647652
Ion Ratio Lower Upper
107 100
108 113.8 88.7 133.1
77 45.9 36.4 54.6
79 42.2 34.2 51.4

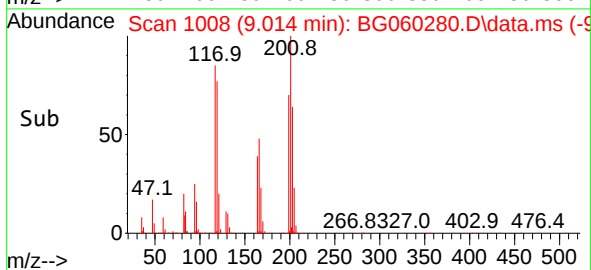
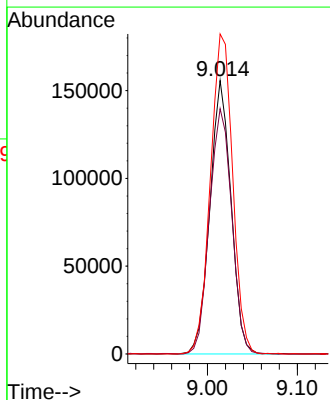
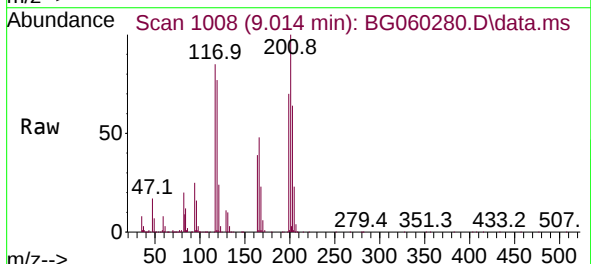
Manual Integrations
APPROVED

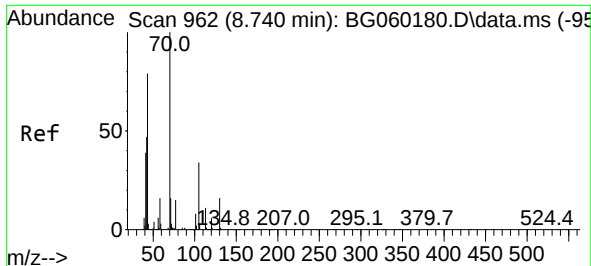
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#18
Hexachloroethane
Concen: 42.691 ng
RT: 9.014 min Scan# 1008
Delta R.T. -0.008 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Tgt Ion:117 Resp: 254302
Ion Ratio Lower Upper
117 100
119 89.7 76.0 114.0
201 117.0 107.5 161.3





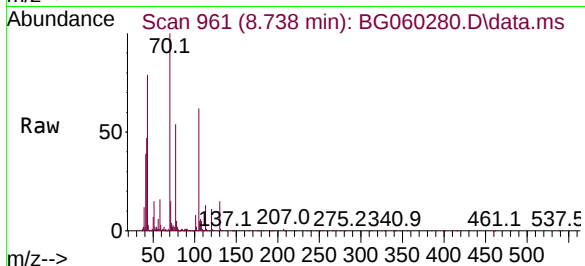
#19
n-Nitroso-di-n-propylamine
Concen: 37.543 ng
RT: 8.738 min Scan# 90
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

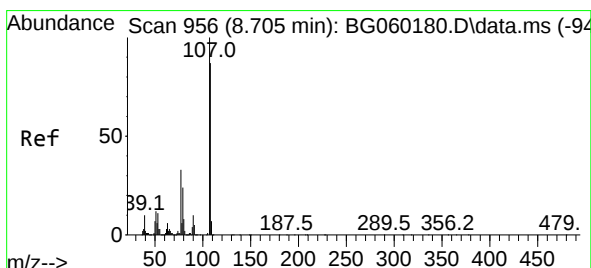
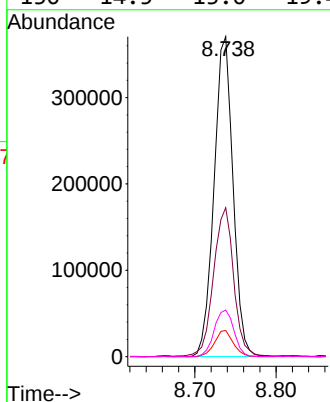
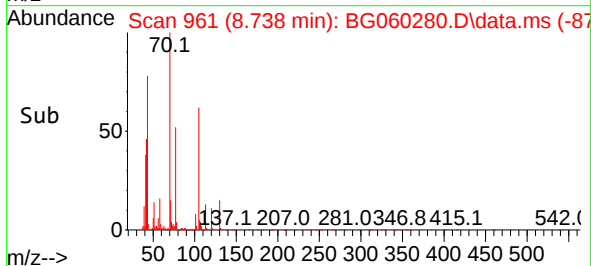


Tgt Ion: 70 Resp: 60051
Ion Ratio Lower Upper
70 100
42 46.5 37.9 56.9
101 8.2 6.2 9.2
130 14.5 13.0 19.4

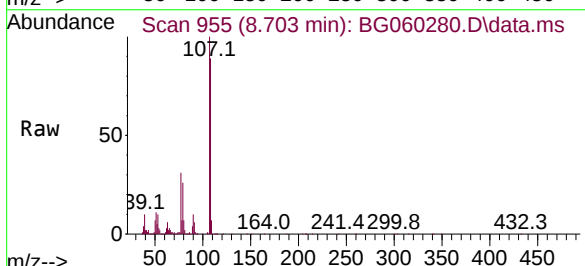
Manual Integrations

APPROVED

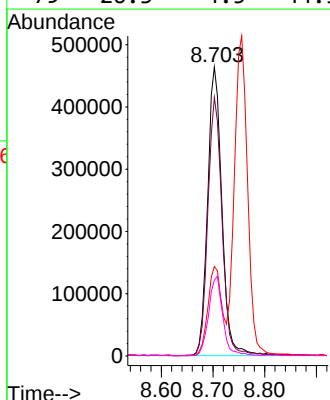
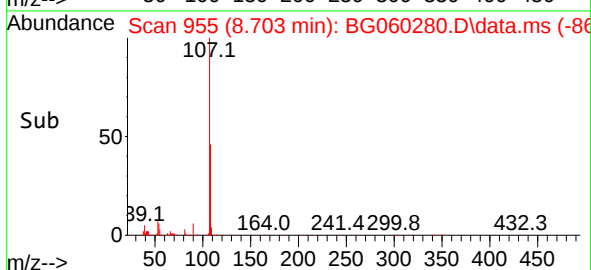
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

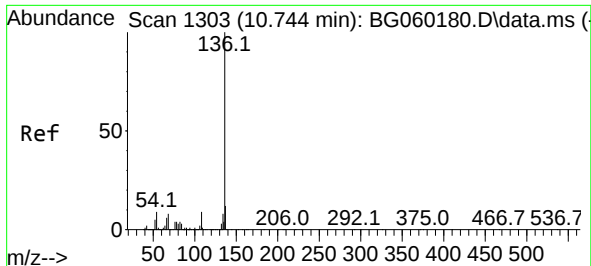


#20
3+4-Methylphenols
Concen: 42.410 ng
RT: 8.703 min Scan# 955
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20



Tgt Ion:107 Resp: 888651
Ion Ratio Lower Upper
107 100
108 89.5 67.4 107.4
77 31.0 12.8 52.8
79 26.3 4.5 44.5





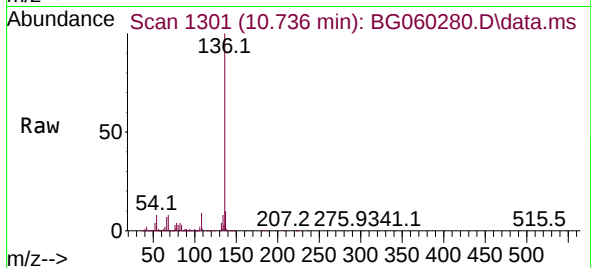
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.736 min Scan# 1301
Delta R.T. -0.008 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD



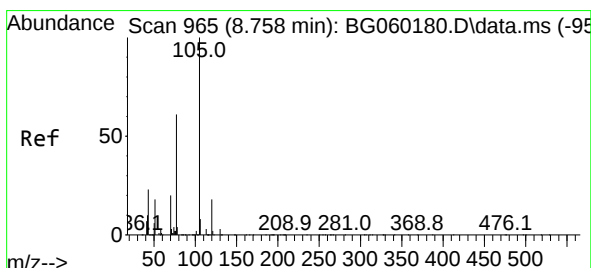
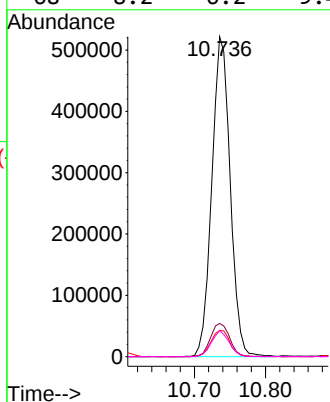
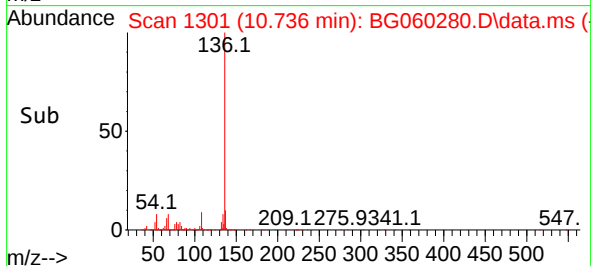
Tgt Ion:136 Resp: 934080
Ion Ratio Lower Upper
136 100
137 10.4 9.4 14.0
54 8.2 7.4 11.2
68 8.2 6.2 9.4

Manual Integrations

APPROVED

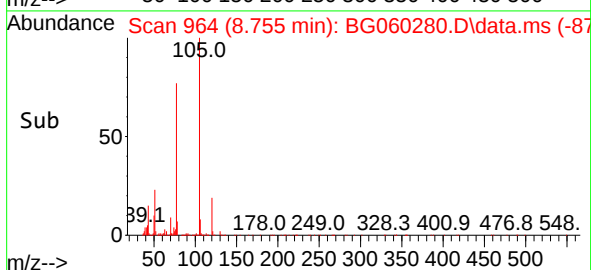
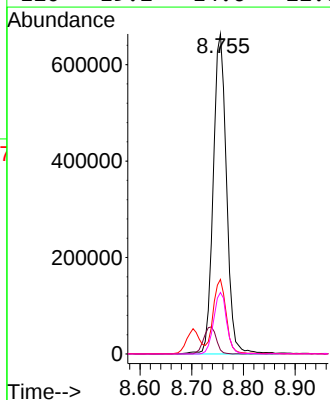
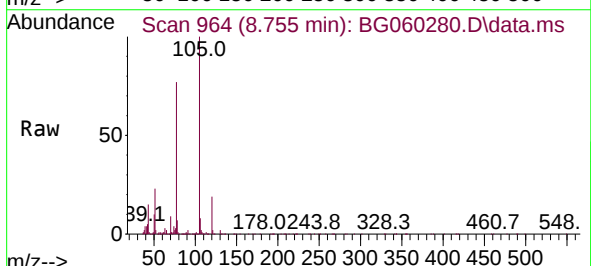
Reviewed By :Yogesh Patel 01/06/2024

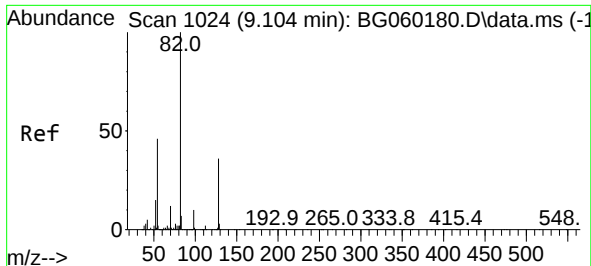
Supervised By :mohammad ahmed 01/06/2024



#22
Acetophenone
Concen: 42.783 ng
RT: 8.755 min Scan# 964
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Tgt Ion:105 Resp: 1184011
Ion Ratio Lower Upper
105 100
71 1.2 2.6 3.8#
51 23.3 20.0 30.0
120 19.2 14.6 22.0





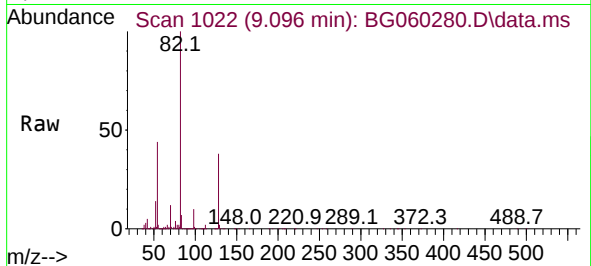
#23
Nitrobenzene-d5
Concen: 66.004 ng
RT: 9.096 min Scan# 1022
Delta R.T. -0.008 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD



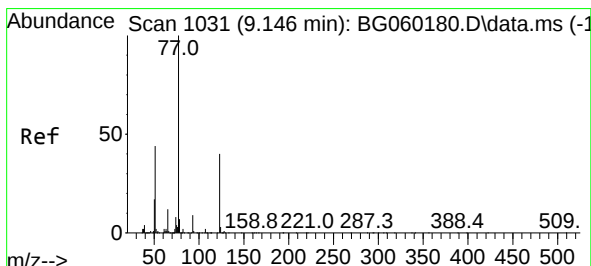
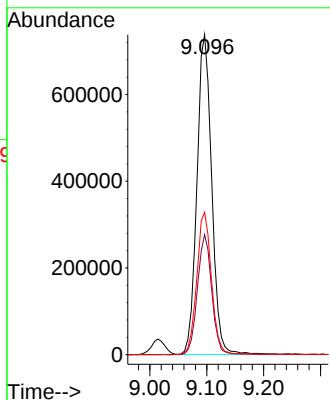
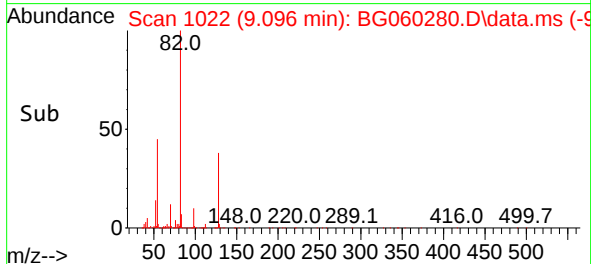
Tgt Ion: 82 Resp: 133477
Ion Ratio Lower Upper
82 100
128 37.6 28.7 43.1
54 44.5 36.9 55.3

Manual Integrations

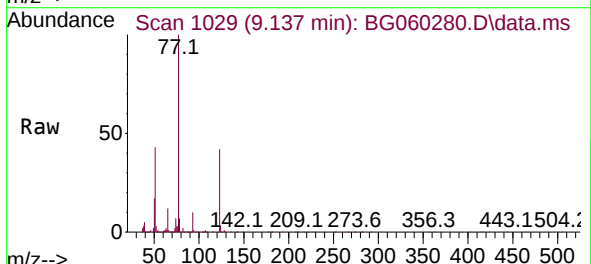
APPROVED

Reviewed By :Yogesh Patel 01/06/2024

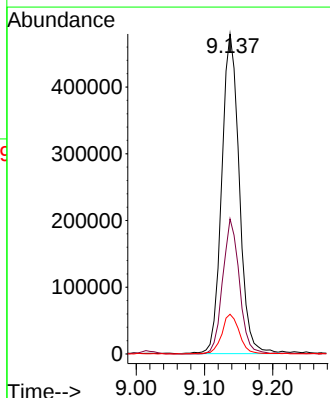
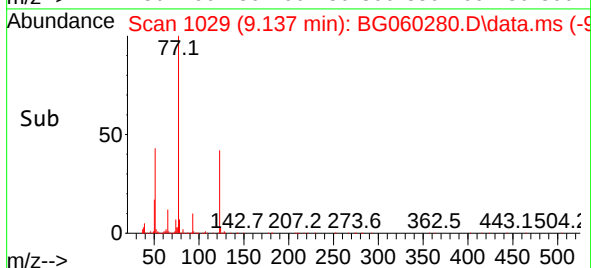
Supervised By :mohammad ahmed 01/06/2024

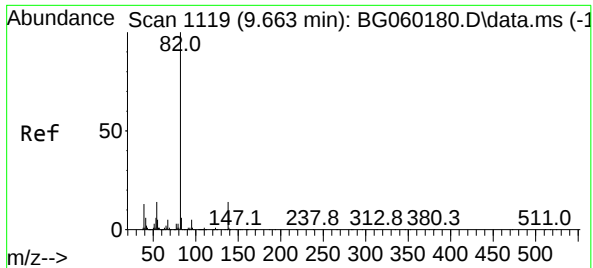


#24
Nitrobenzene
Concen: 41.377 ng
RT: 9.137 min Scan# 1029
Delta R.T. -0.008 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20



Tgt Ion: 77 Resp: 856124
Ion Ratio Lower Upper
77 100
123 42.2 31.9 47.9
65 12.4 9.9 14.9





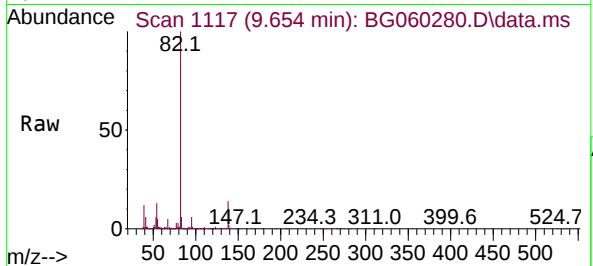
#25
Isophorone
Concen: 38.467 ng
RT: 9.654 min Scan# 1117
Delta R.T. -0.008 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD



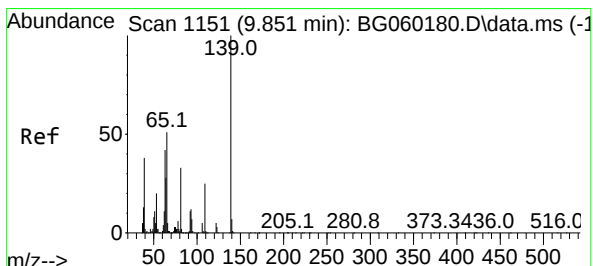
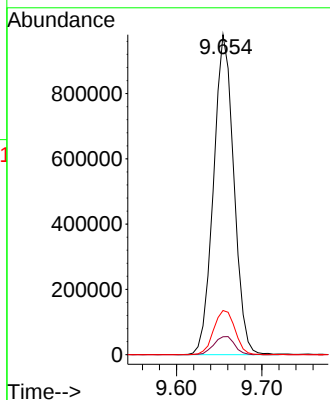
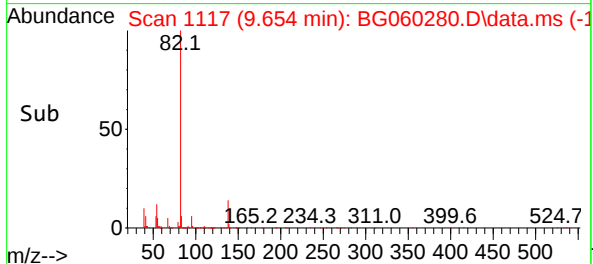
Tgt Ion: 82 Resp: 162754
Ion Ratio Lower Upper
82 100
95 5.6 4.4 6.6
138 13.8 11.5 17.3

Manual Integrations

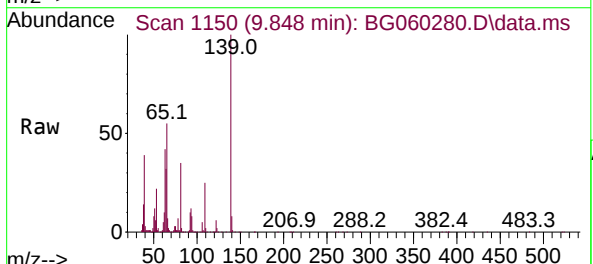
APPROVED

Reviewed By :Yogesh Patel 01/06/2024

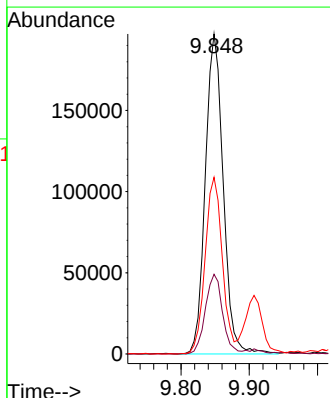
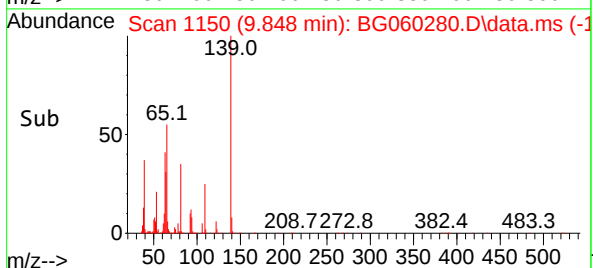
Supervised By :mohammad ahmed 01/06/2024

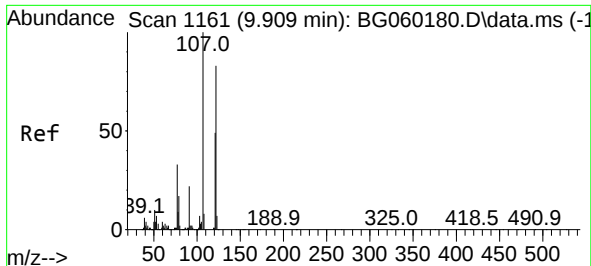


#26
2-Nitrophenol
Concen: 49.881 ng
RT: 9.848 min Scan# 1150
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20



Tgt Ion:139 Resp: 360141
Ion Ratio Lower Upper
139 100
109 24.9 19.8 29.8
65 55.2 40.8 61.2





#27

2,4-Dimethylphenol

Concen: 54.075 ng

RT: 9.907 min Scan# 1161

Delta R.T. -0.002 min

Lab File: BG060280.D

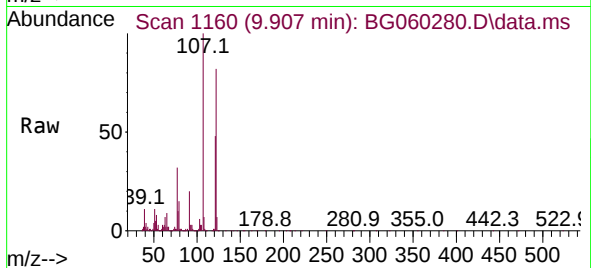
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD



Tgt Ion:122 Resp: 55303

Ion Ratio Lower Upper

122 100

107 121.5 95.8 143.6

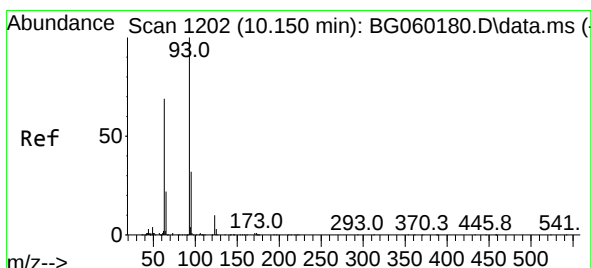
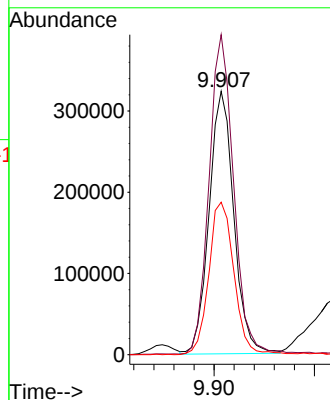
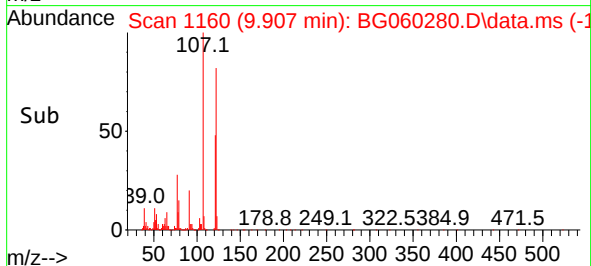
121 57.9 46.2 69.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#28

bis(2-Chloroethoxy)methane

Concen: 41.069 ng

RT: 10.142 min Scan# 1200

Delta R.T. -0.008 min

Lab File: BG060280.D

Acq: 5 Jan 2024 21:20

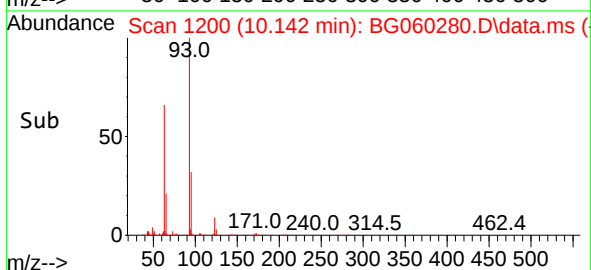
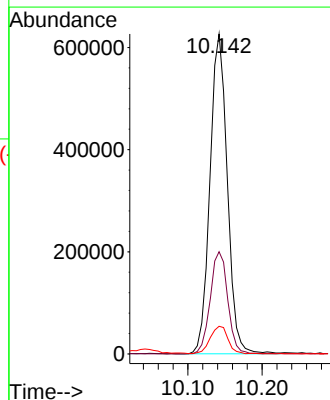
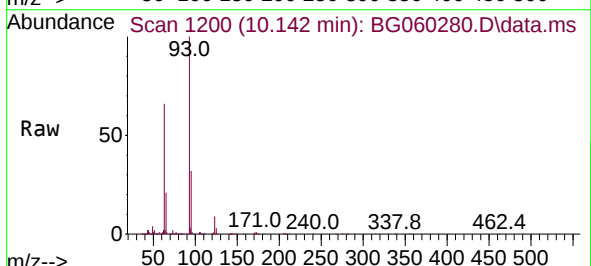
Tgt Ion: 93 Resp: 1017723

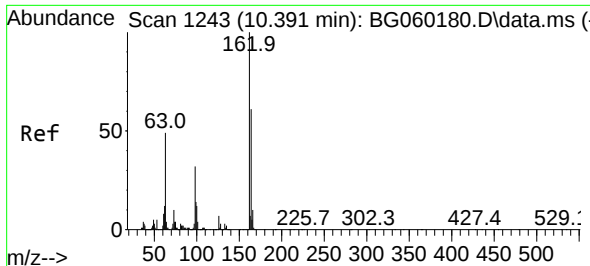
Ion Ratio Lower Upper

93 100

95 31.9 25.8 38.6

123 8.7 7.8 11.6





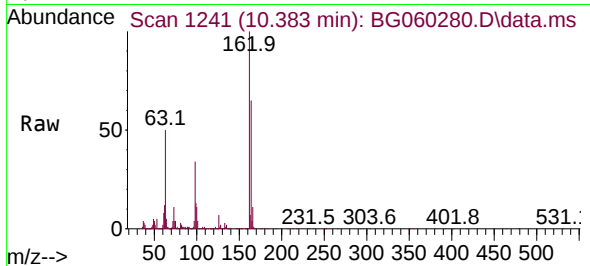
#29
2,4-Dichlorophenol
Concen: 47.088 ng
RT: 10.383 min Scan# 1241
Delta R.T. -0.008 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD



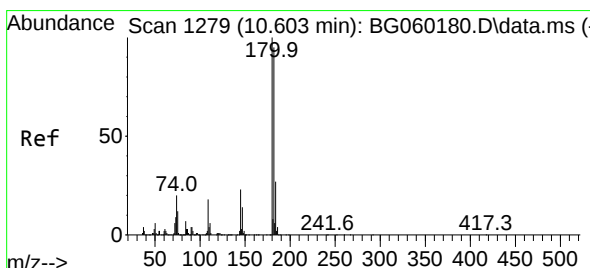
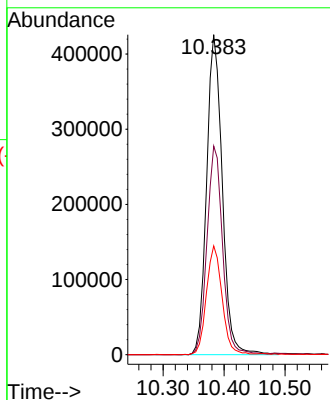
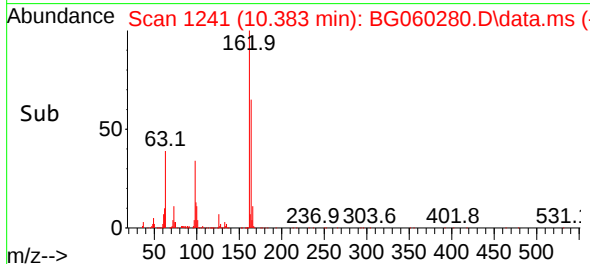
Tgt Ion:162 Resp: 76109
Ion Ratio Lower Upper
162 100
164 65.2 40.7 80.7
98 34.0 11.7 51.7

Manual Integrations

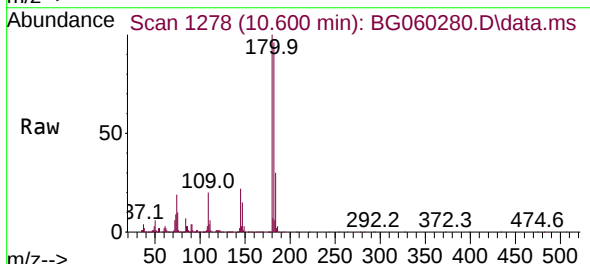
APPROVED

Reviewed By :Yogesh Patel 01/06/2024

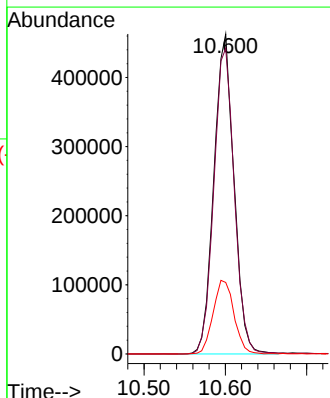
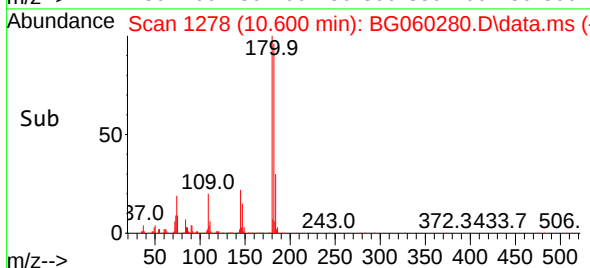
Supervised By :mohammad ahmed 01/06/2024

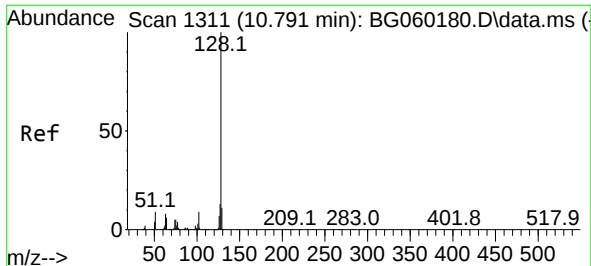


#30
1,2,4-Trichlorobenzene
Concen: 40.396 ng
RT: 10.600 min Scan# 1278
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20



Tgt Ion:180 Resp: 794696
Ion Ratio Lower Upper
180 100
182 95.5 75.7 113.5
145 22.3 18.4 27.6





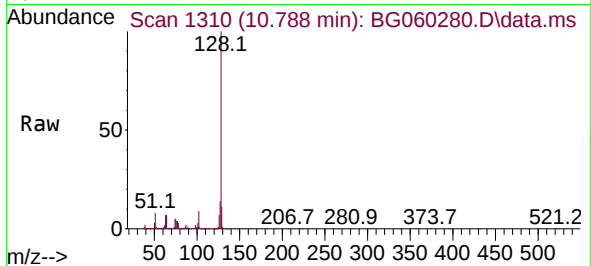
#31
Naphthalene
Concen: 41.351 ng
RT: 10.788 min Scan# 1110
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD



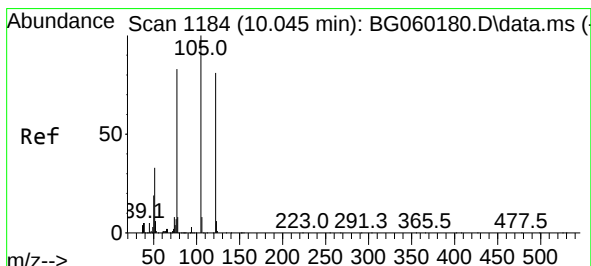
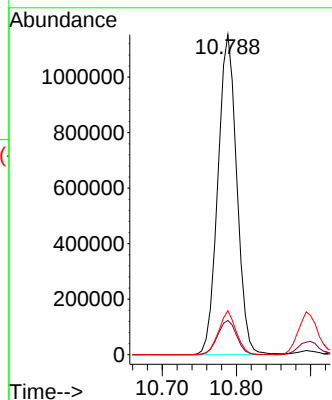
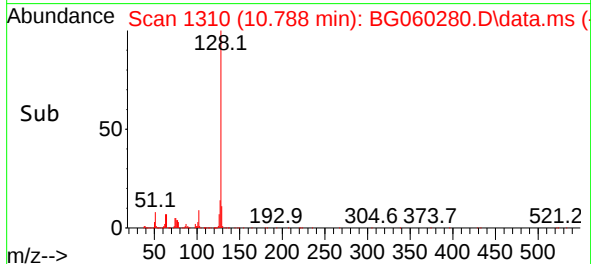
Tgt Ion:128 Resp: 203914
Ion Ratio Lower Upper
128 100
129 10.7 9.2 13.8
127 13.8 10.6 16.0

Manual Integrations

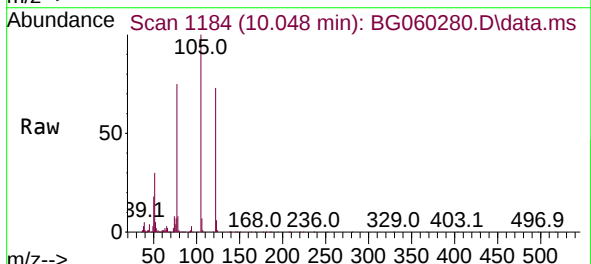
APPROVED

Reviewed By :Yogesh Patel 01/06/2024

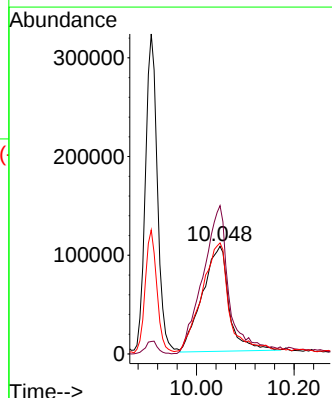
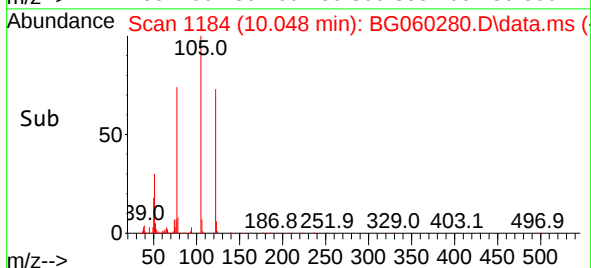
Supervised By :mohammad ahmed 01/06/2024

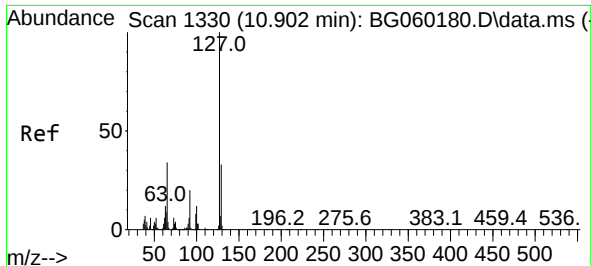


#32
Benzoic acid
Concen: 45.282 ng
RT: 10.048 min Scan# 1184
Delta R.T. 0.003 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20



Tgt Ion:122 Resp: 407100
Ion Ratio Lower Upper
122 100
105 137.9 99.2 139.2
77 103.2 81.0 121.0





#33
4-Chloroaniline
Concen: 15.026 ng
RT: 10.894 min Scan# 1328
Delta R.T. -0.008 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

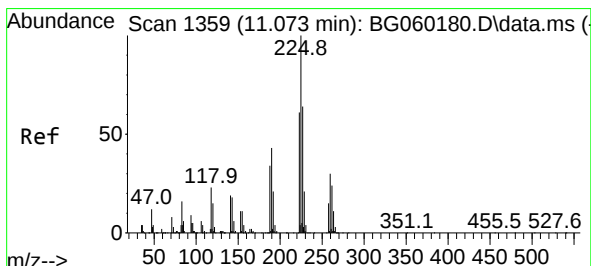
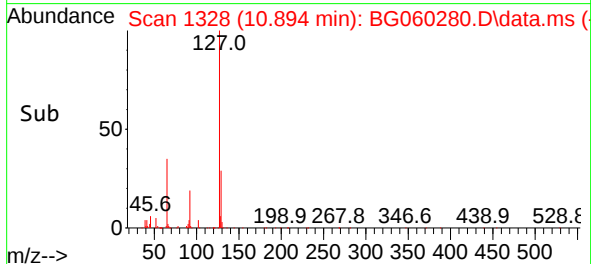
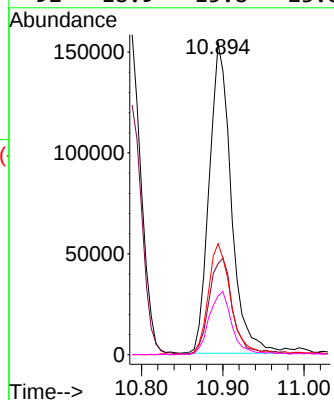
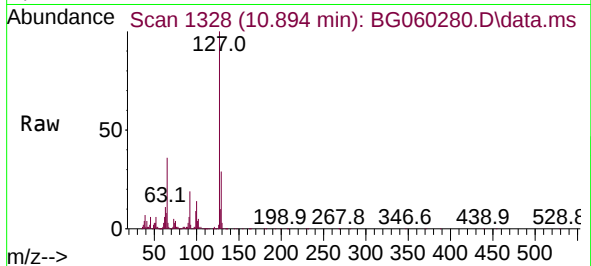
Tgt Ion:127 Resp: 28939
Ion Ratio Lower Upper
127 100
129 29.2 26.0 39.0
65 35.7 27.4 41.0
92 18.9 15.8 23.8

Manual Integrations

APPROVED

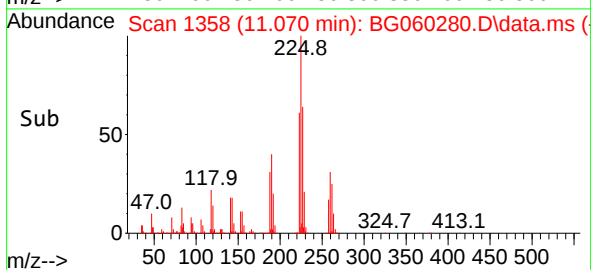
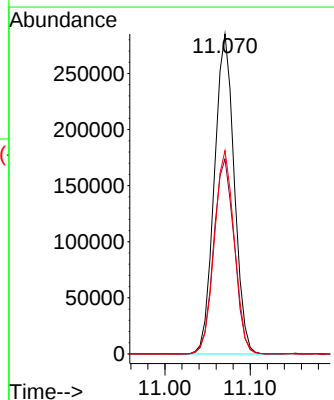
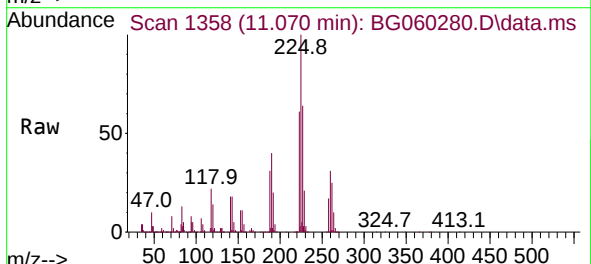
Reviewed By :Yogesh Patel 01/06/2024

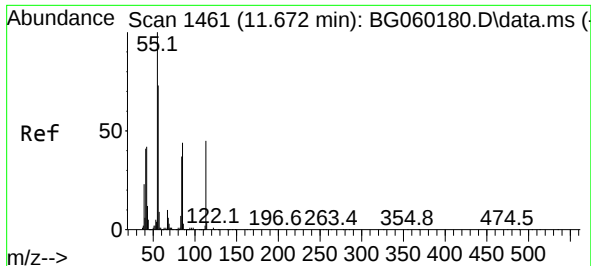
Supervised By :mohammad ahmed 01/06/2024



#34
Hexachlorobutadiene
Concen: 39.457 ng
RT: 11.070 min Scan# 1358
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

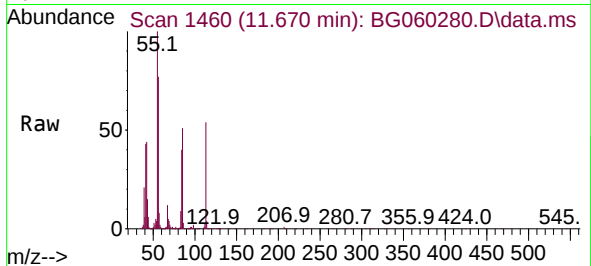
Tgt Ion:225 Resp: 461660
Ion Ratio Lower Upper
225 100
223 61.0 49.0 73.6
227 63.6 51.0 76.4





#35
Caprolactam
Concen: 45.920 ng m
RT: 11.670 min Scan# 1461
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

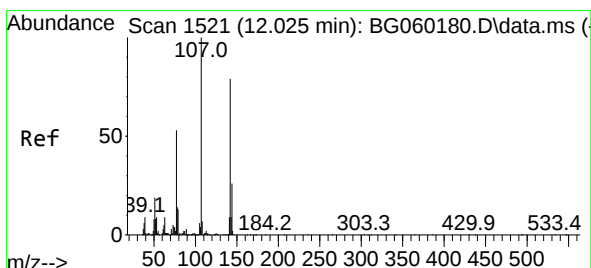
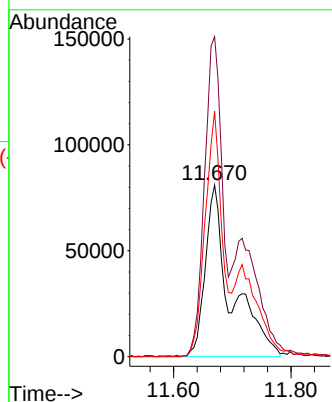
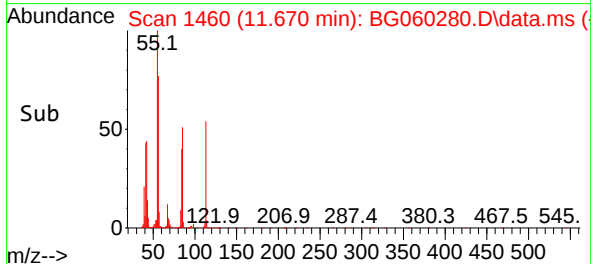
Instrument :
BNA_G
ClientSampleId :
COMP-2MSD



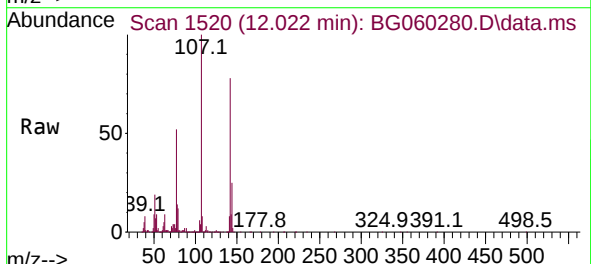
Tgt Ion:113 Resp: 24689
Ion Ratio Lower Upper
113 100
55 186.5 202.1 242.1
56 142.9 142.4 182.4

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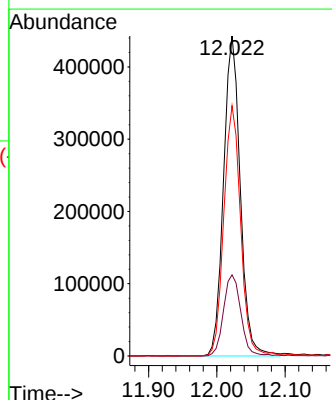
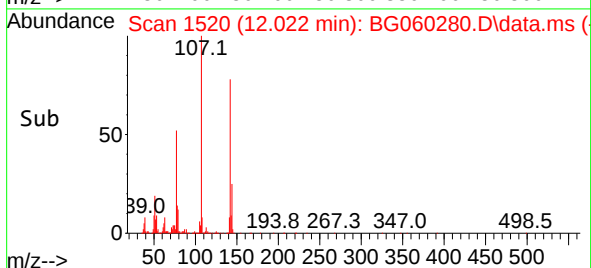
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

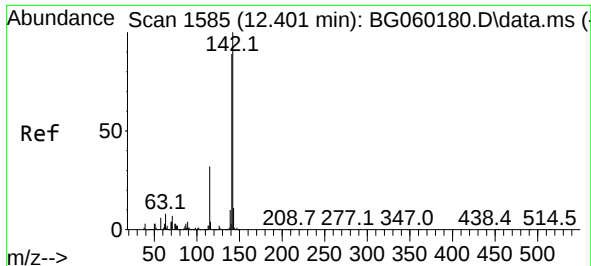


#36
4-Chloro-3-methylphenol
Concen: 45.434 ng
RT: 12.022 min Scan# 1520
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20



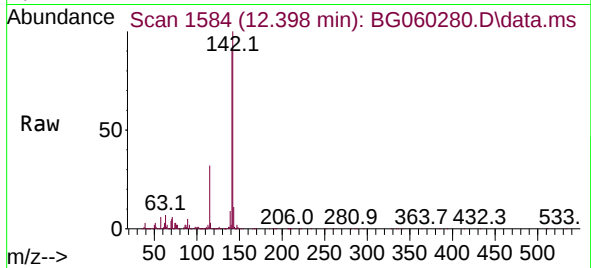
Tgt Ion:107 Resp: 755773
Ion Ratio Lower Upper
107 100
144 25.3 20.8 31.2
142 78.2 63.4 95.2





#37
2-Methylnaphthalene
Concen: 41.015 ng
RT: 12.398 min Scan# 1584
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

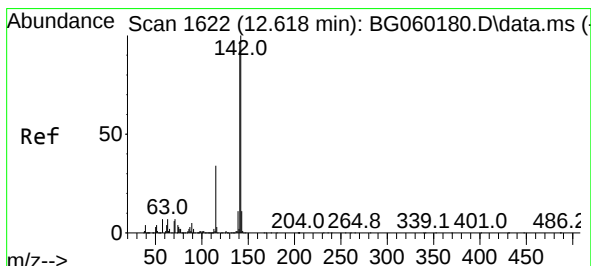
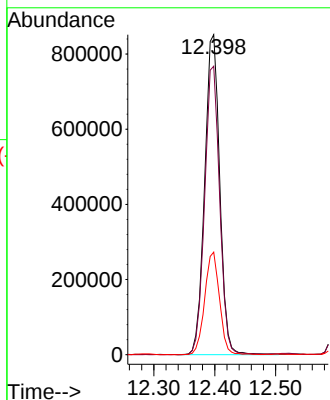
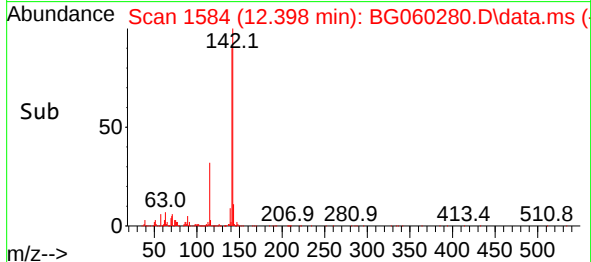
Instrument :
BNA_G
ClientSampleId :
COMP-2MSD



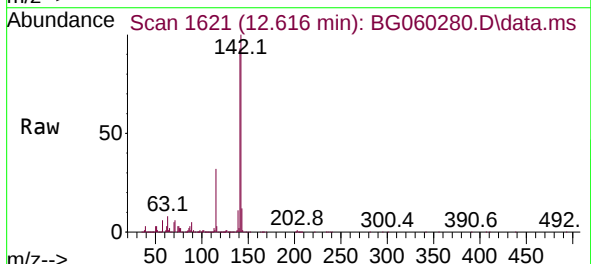
Tgt Ion:142 Resp: 146092
Ion Ratio Lower Upper
142 100
141 90.2 71.1 106.7
115 32.1 25.5 38.3

Manual Integrations
APPROVED

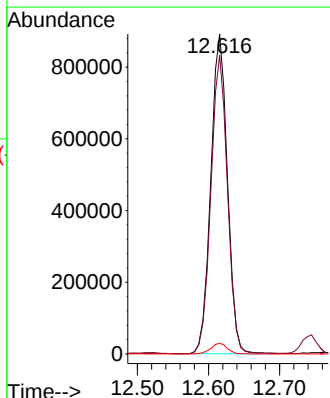
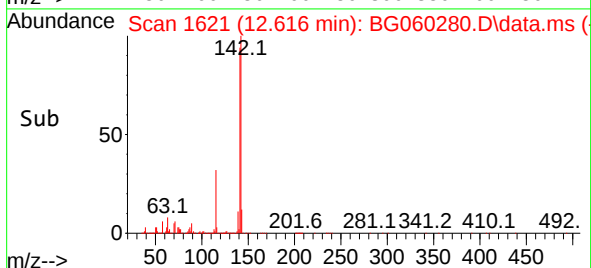
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

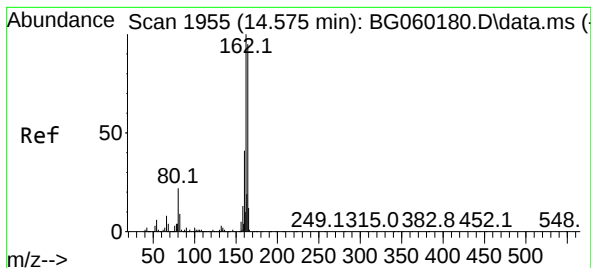


#38
1-Methylnaphthalene
Concen: 40.148 ng
RT: 12.616 min Scan# 1621
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20



Tgt Ion:142 Resp: 1445833
Ion Ratio Lower Upper
142 100
141 93.4 76.6 114.8
116 3.3 2.6 3.8





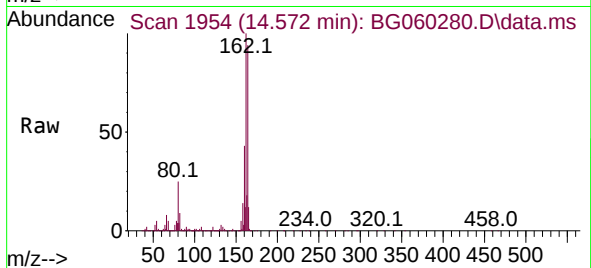
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.572 min Scan# 1955
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

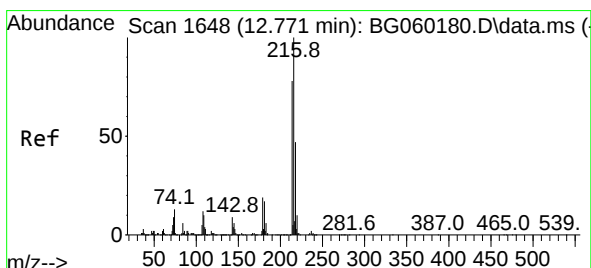
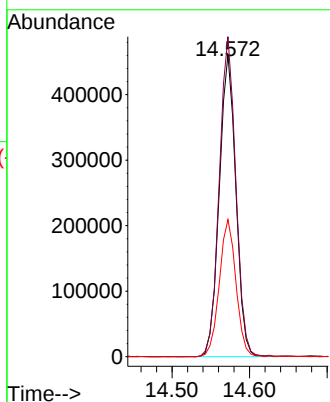
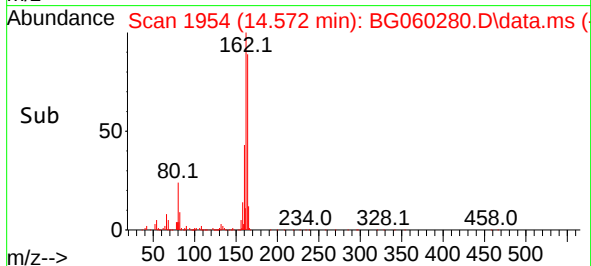


Tgt Ion:164 Resp: 68523
Ion Ratio Lower Upper
164 100
162 106.0 83.9 125.9
160 45.4 34.2 51.4

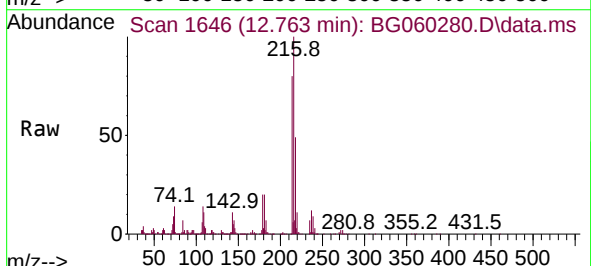
Manual Integrations

APPROVED

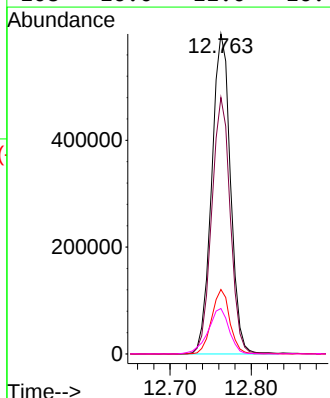
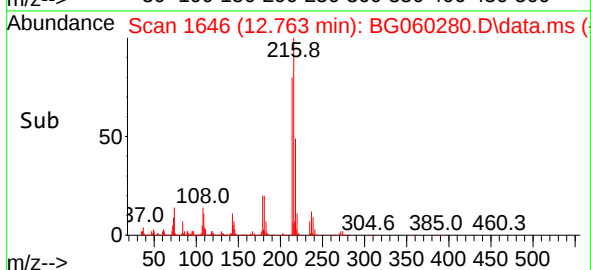
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

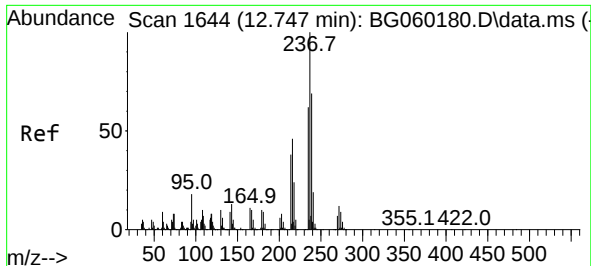


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.869 ng
RT: 12.763 min Scan# 1646
Delta R.T. -0.008 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20



Tgt Ion:216 Resp: 962903
Ion Ratio Lower Upper
216 100
214 79.2 63.4 95.0
179 19.5 15.2 22.8
108 16.0 11.0 16.4





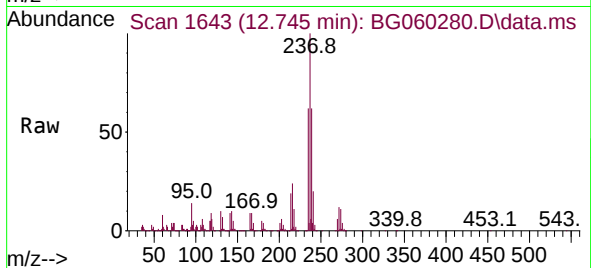
#41
Hexachlorocyclopentadiene
Concen: 130.839 ng
RT: 12.745 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

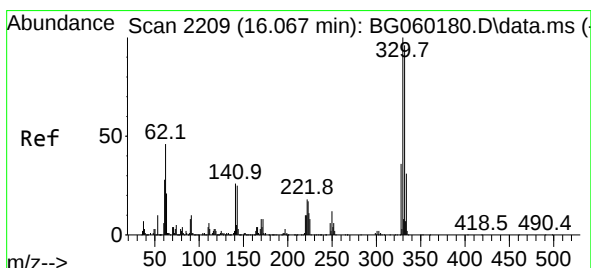
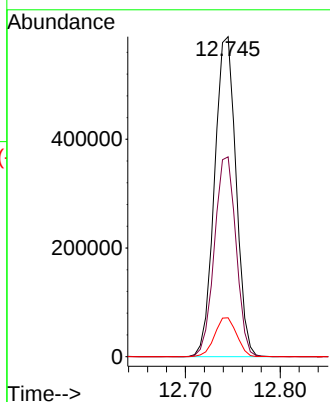
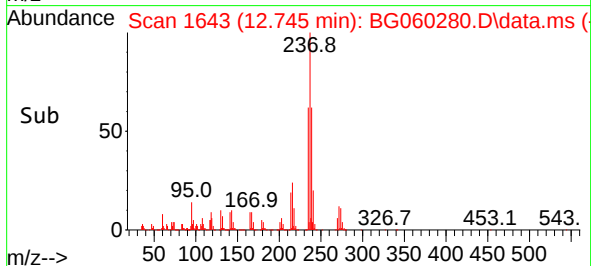


Tgt Ion:237 Resp: 928250
Ion Ratio Lower Upper
237 100
235 62.5 42.2 82.2
272 12.1 0.0 32.0

Manual Integrations

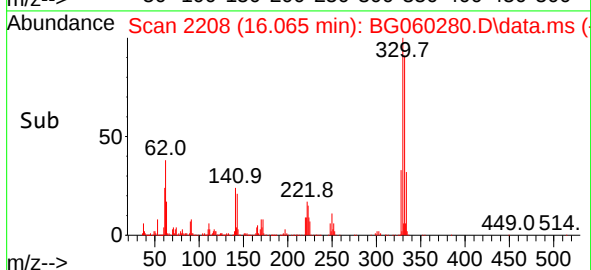
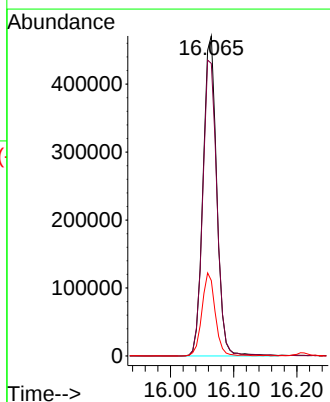
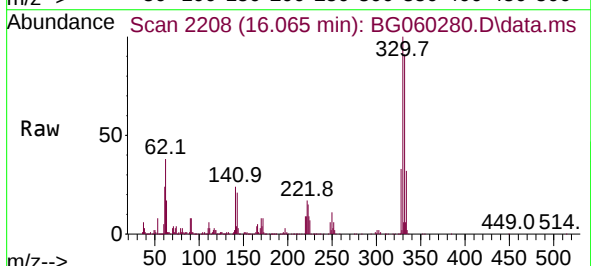
APPROVED

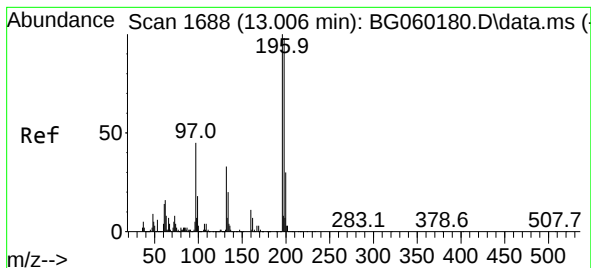
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#42
2,4,6-Tribromophenol
Concen: 77.126 ng
RT: 16.065 min Scan# 2208
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Tgt Ion:330 Resp: 707438
Ion Ratio Lower Upper
330 100
332 95.6 76.7 115.1
141 25.4 21.0 31.4





#43
2,4,6-Trichlorophenol
Concen: 46.716 ng
RT: 13.003 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

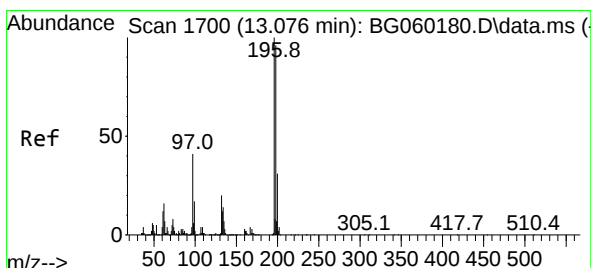
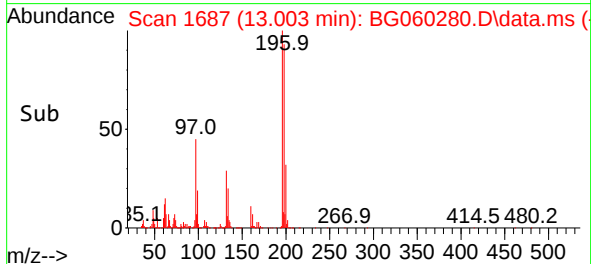
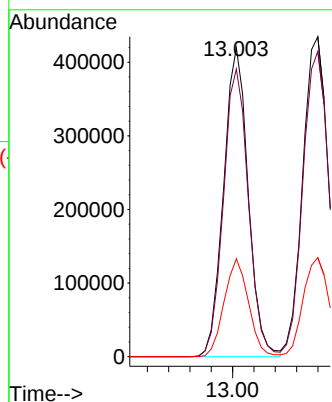
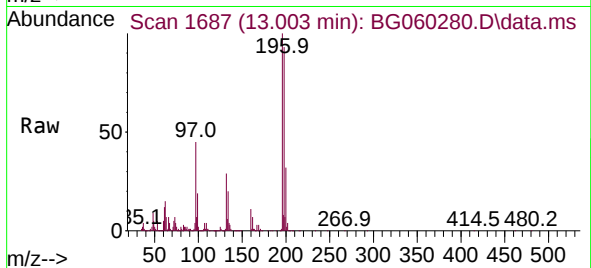
COMP-2MSD

Tgt Ion:196 Resp: 67381
Ion Ratio Lower Upper
196 100
198 93.2 78.3 117.5
200 31.7 23.9 35.9

Manual Integrations

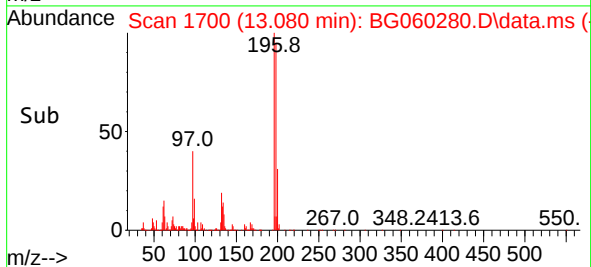
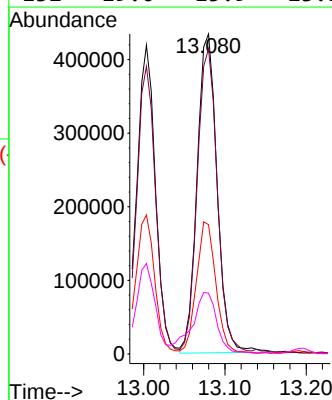
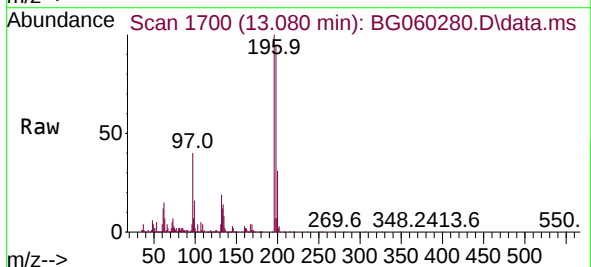
APPROVED

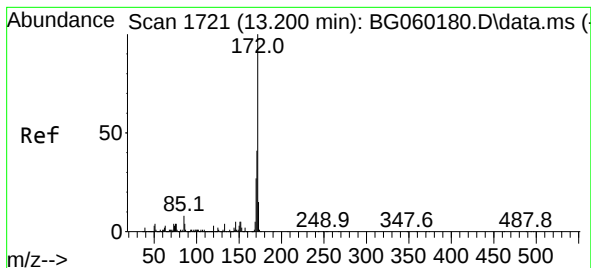
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#44
2,4,5-Trichlorophenol
Concen: 46.073 ng
RT: 13.080 min Scan# 1700
Delta R.T. 0.004 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Tgt Ion:196 Resp: 743419
Ion Ratio Lower Upper
196 100
198 95.4 76.6 115.0
97 40.4 32.9 49.3
132 19.0 15.9 23.9





#45
2-Fluorobiphenyl
Concen: 65.742 ng
RT: 13.191 min Scan# 1719
Delta R.T. -0.008 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

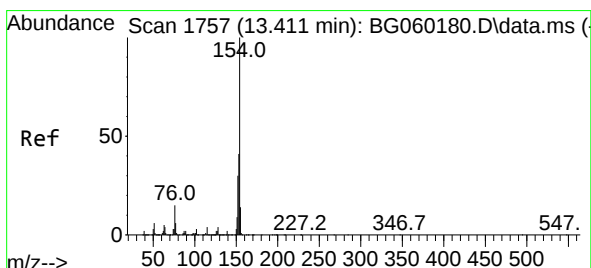
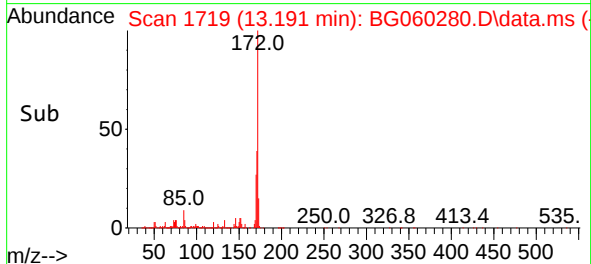
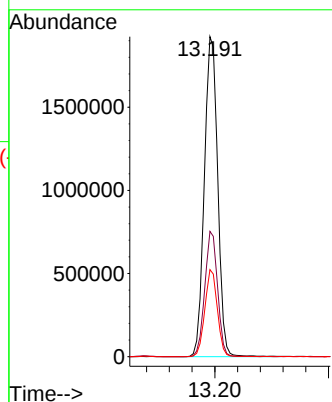
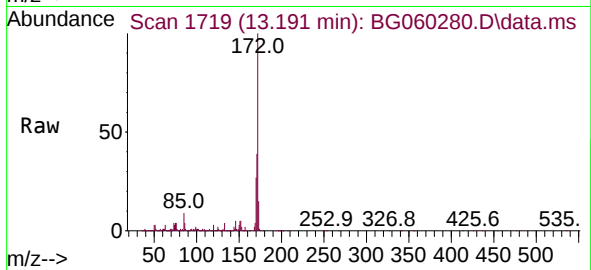
COMP-2MSD

Tgt Ion:172 Resp: 313442
Ion Ratio Lower Upper
172 100
171 39.2 32.6 48.8
170 27.2 21.8 32.6

Manual Integrations

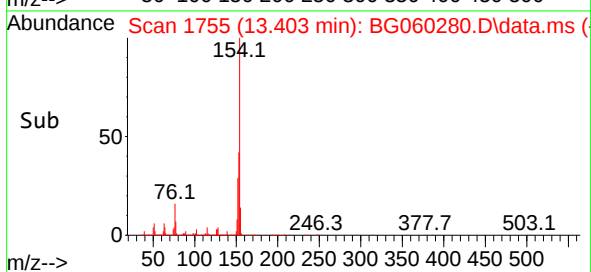
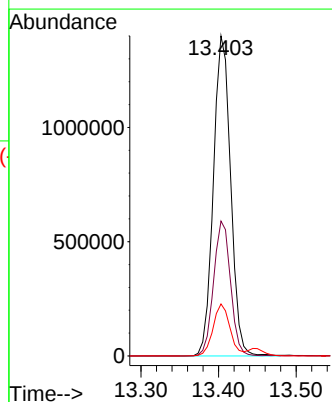
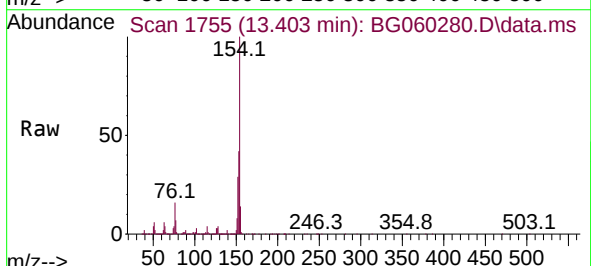
APPROVED

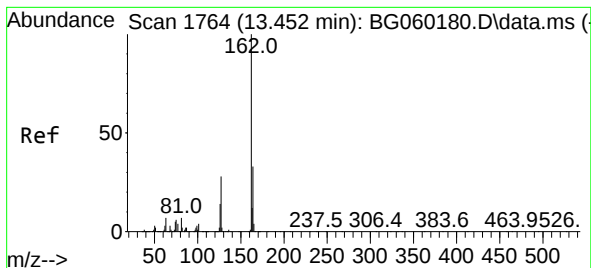
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#46
1,1'-Biphenyl
Concen: 43.139 ng
RT: 13.403 min Scan# 1755
Delta R.T. -0.008 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Tgt Ion:154 Resp: 2174866
Ion Ratio Lower Upper
154 100
153 42.1 20.9 60.9
76 16.3 0.0 35.4





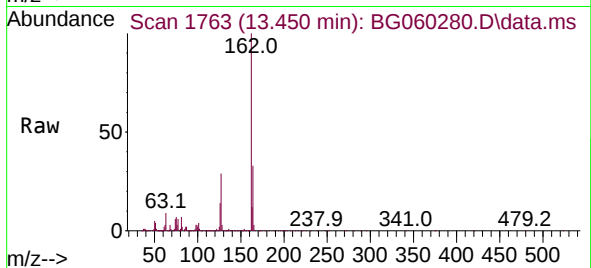
#47
2-Chloronaphthalene
Concen: 41.931 ng
RT: 13.450 min Scan# 1764
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD



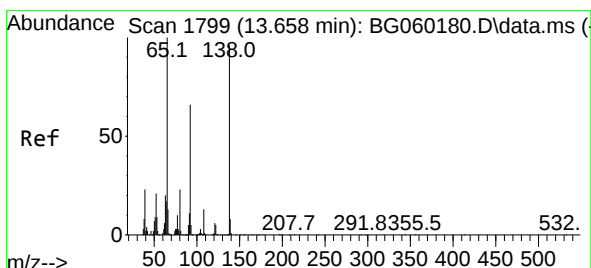
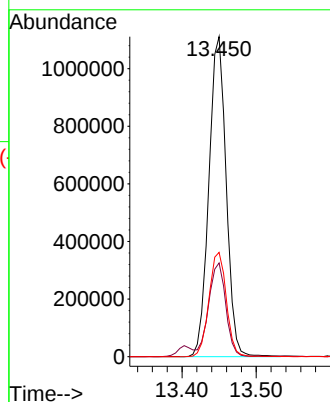
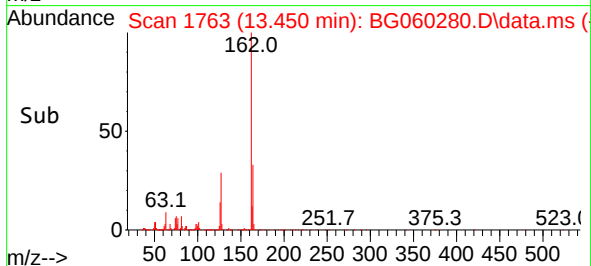
Tgt Ion:162 Resp: 1801029
Ion Ratio Lower Upper
162 100
127 29.3 23.0 34.6
164 32.6 26.7 40.1

Manual Integrations

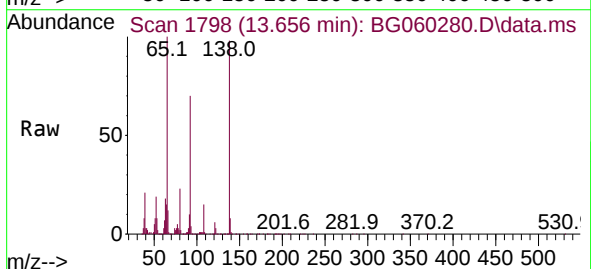
APPROVED

Reviewed By :Yogesh Patel 01/06/2024

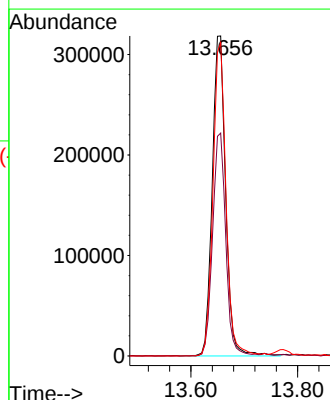
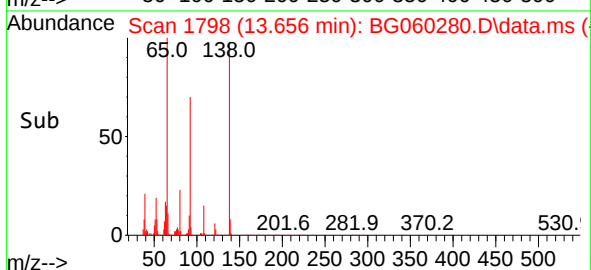
Supervised By :mohammad ahmed 01/06/2024

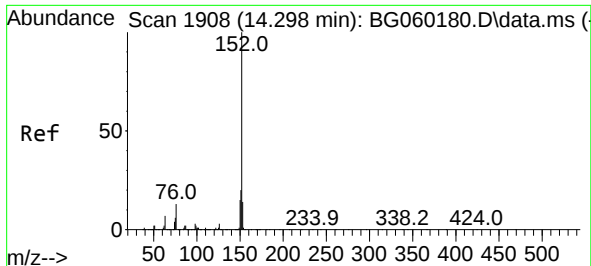


#48
2-Nitroaniline
Concen: 49.496 ng
RT: 13.656 min Scan# 1798
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20



Tgt Ion: 65 Resp: 555600
Ion Ratio Lower Upper
65 100
92 69.7 52.9 79.3
138 98.0 76.4 114.6





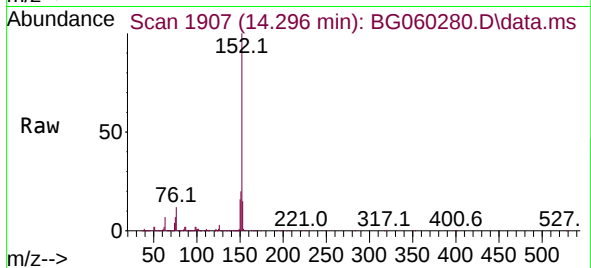
#49
Acenaphthylene
Concen: 46.176 ng
RT: 14.296 min Scan# 1908
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

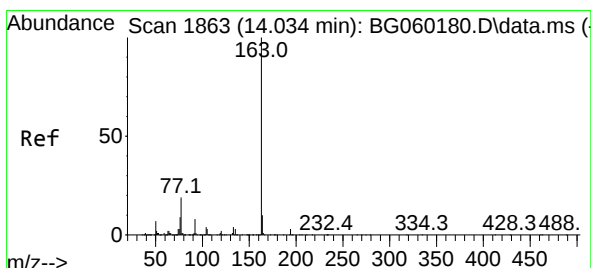
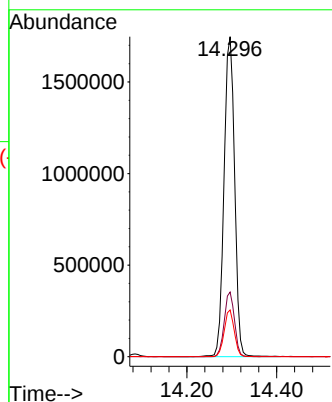
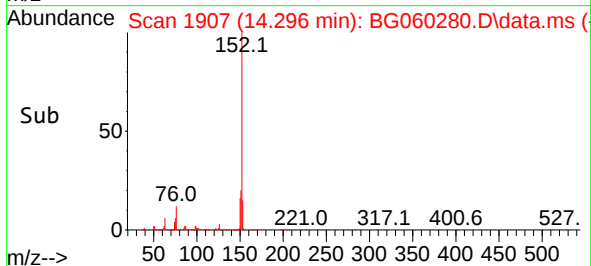


Tgt Ion:152 Resp: 2857720
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.6
153 14.6 11.0 16.6

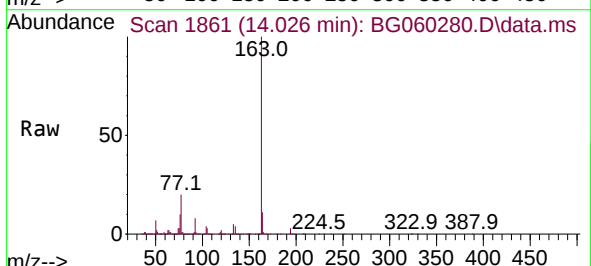
Manual Integrations

APPROVED

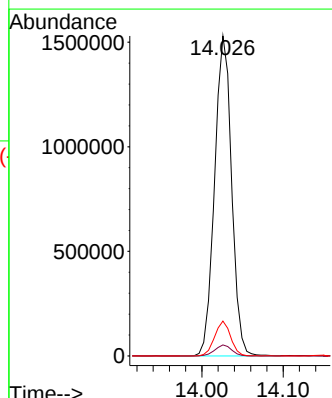
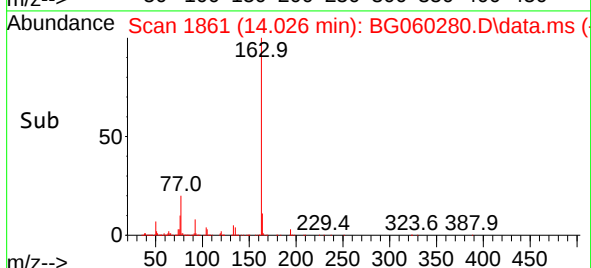
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

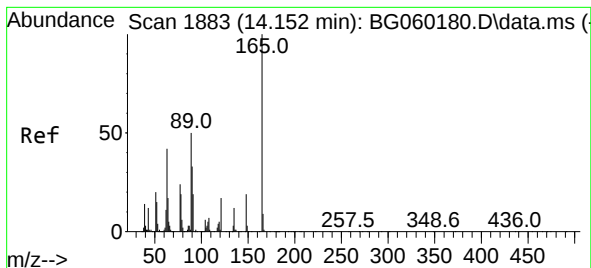


#50
Dimethylphthalate
Concen: 42.108 ng
RT: 14.026 min Scan# 1861
Delta R.T. -0.008 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20



Tgt Ion:163 Resp: 2227727
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.9 8.3 12.5





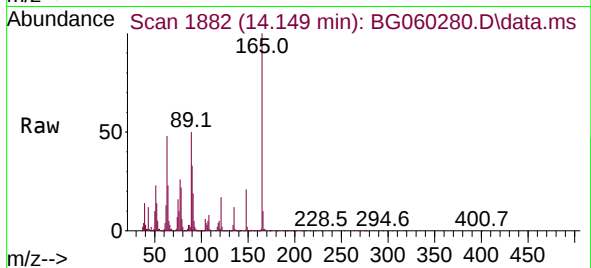
#51
2,6-Dinitrotoluene
Concen: 45.514 ng
RT: 14.149 min Scan# 1882
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

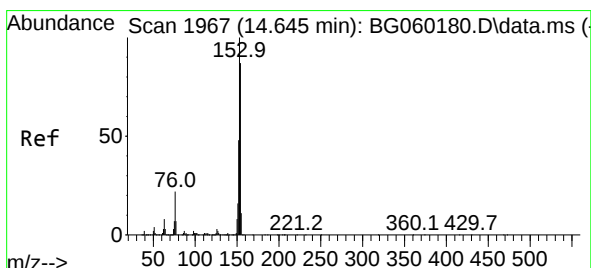
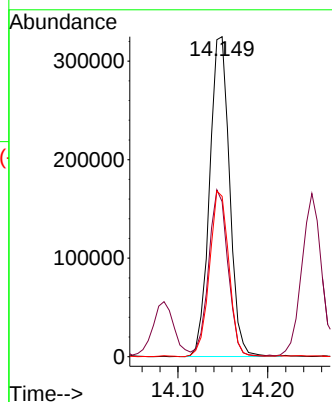
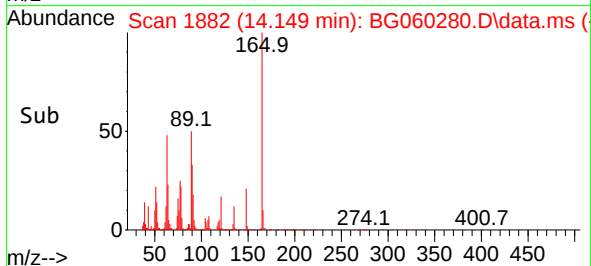


Tgt Ion:165 Resp: 50084
Ion Ratio Lower Upper
165 100
63 48.4 39.3 58.9
89 50.1 39.8 59.8

Manual Integrations

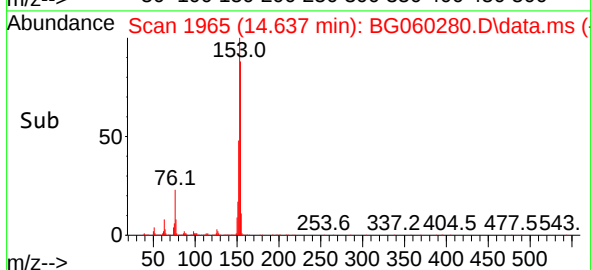
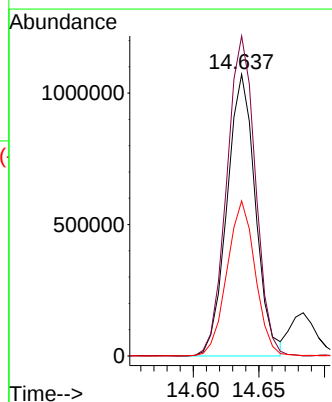
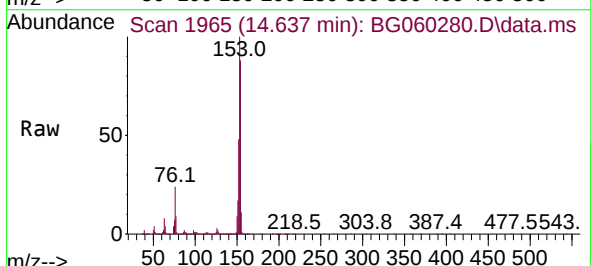
APPROVED

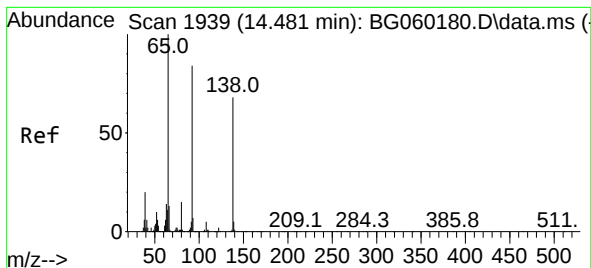
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#52
Acenaphthene
Concen: 41.854 ng
RT: 14.637 min Scan# 1965
Delta R.T. -0.008 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Tgt Ion:154 Resp: 1616351
Ion Ratio Lower Upper
154 100
153 113.6 91.5 137.3
152 55.0 43.8 65.8





#53
3-Nitroaniline
Concen: 24.261 ng
RT: 14.478 min Scan# 1939
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

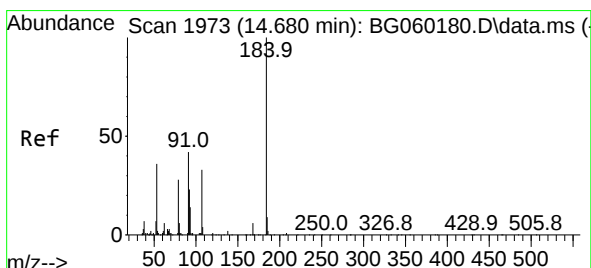
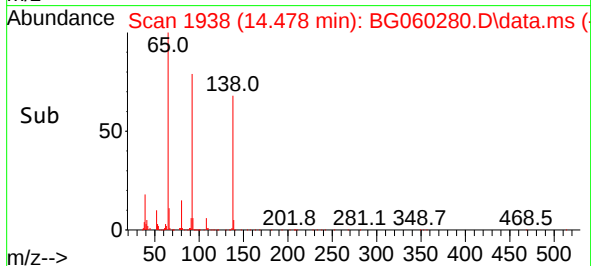
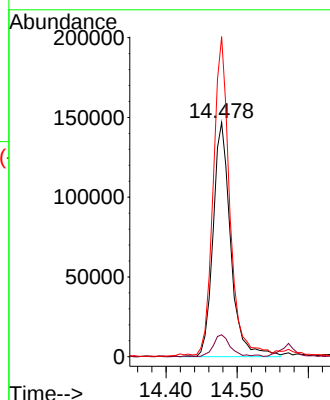
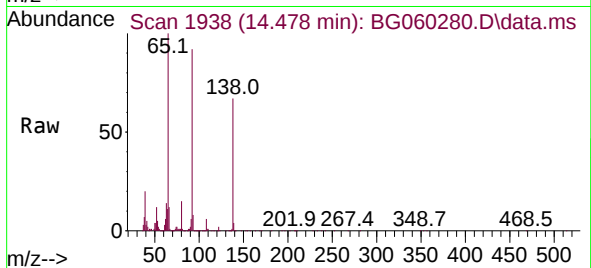
COMP-2MSD

Tgt Ion:138 Resp: 251559
Ion Ratio Lower Upper
138 100
108 9.4 6.2 9.4
92 136.7 98.5 147.7

Manual Integrations

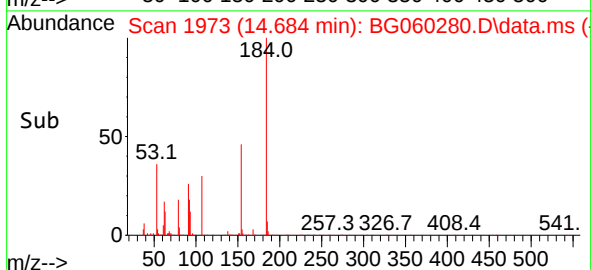
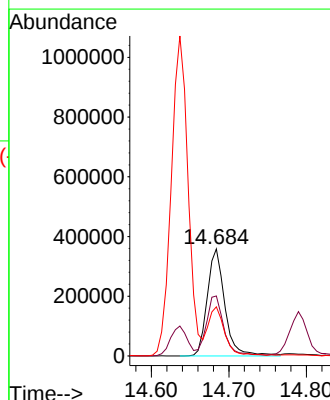
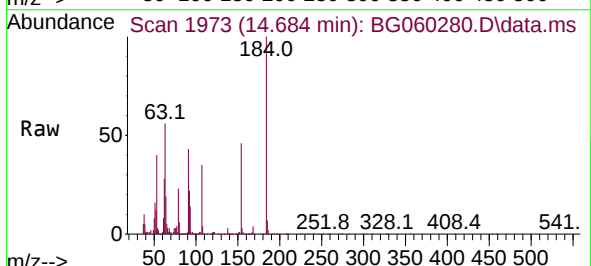
APPROVED

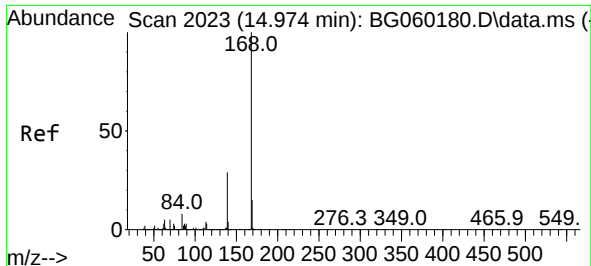
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#54
2,4-Dinitrophenol
Concen: 87.514 ng
RT: 14.684 min Scan# 1973
Delta R.T. 0.004 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Tgt Ion:184 Resp: 566324
Ion Ratio Lower Upper
184 100
63 56.0 45.4 68.2
154 45.9 40.0 60.0





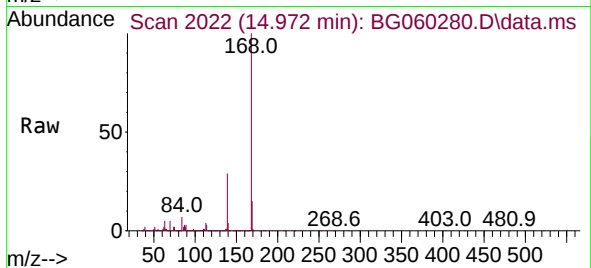
#55
Dibenzenofuran
Concen: 42.926 ng
RT: 14.972 min Scan# 2023
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD



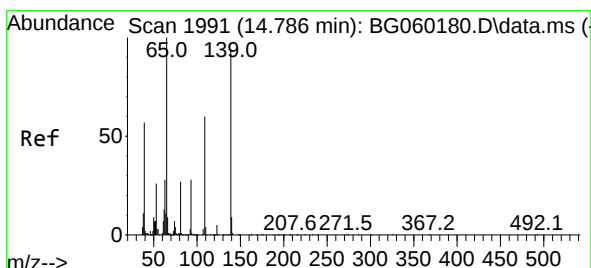
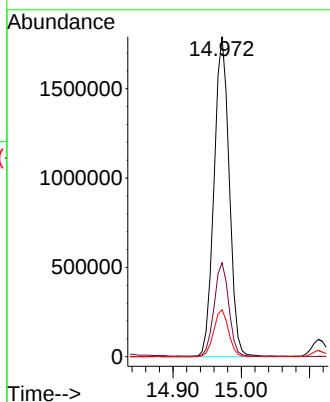
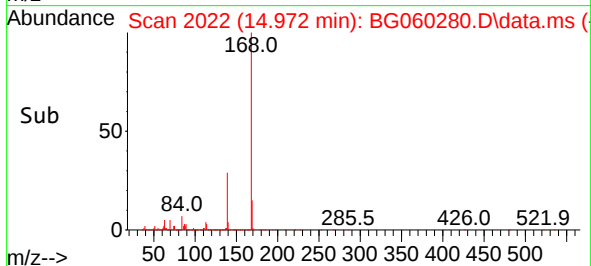
Tgt Ion:168 Resp: 2776854
Ion Ratio Lower Upper
168 100
139 29.3 23.1 34.7
169 14.7 11.9 17.9

Manual Integrations

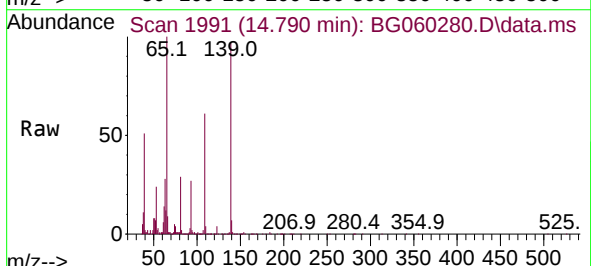
APPROVED

Reviewed By :Yogesh Patel 01/06/2024

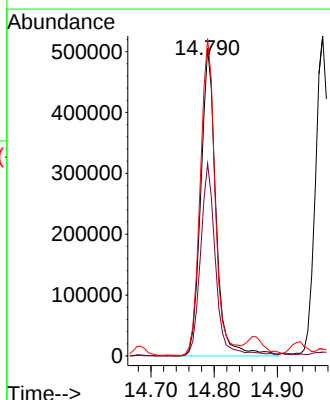
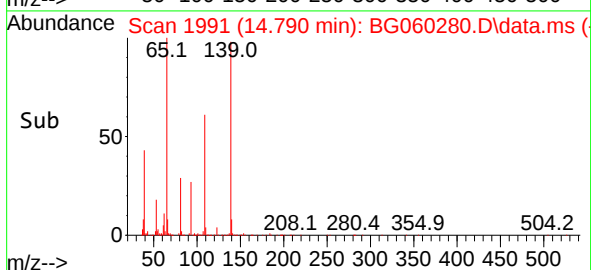
Supervised By :mohammad ahmed 01/06/2024

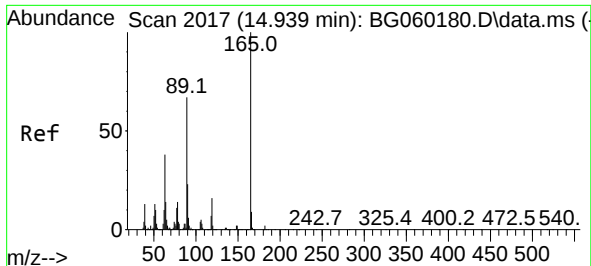


#56
4-Nitrophenol
Concen: 107.333 ng
RT: 14.790 min Scan# 1991
Delta R.T. 0.004 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20



Tgt Ion:139 Resp: 841234
Ion Ratio Lower Upper
139 100
109 62.5 44.4 84.4
65 103.1 87.4 127.4





#57

2,4-Dinitrotoluene

Concen: 46.897 ng

RT: 14.936 min Scan# 20

Delta R.T. -0.002 min

Lab File: BG060280.D

Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

Tgt Ion:165 Resp: 701729

Ion Ratio Lower Upper

165 100

63 37.0 31.0 46.6

89 67.4 53.3 79.9

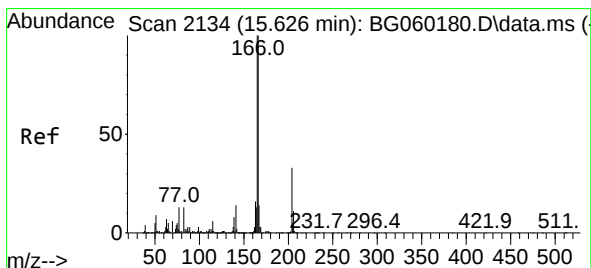
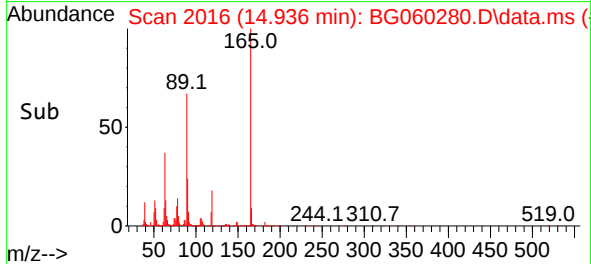
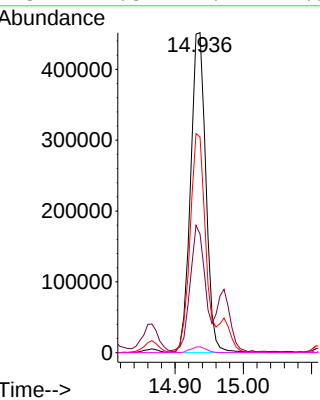
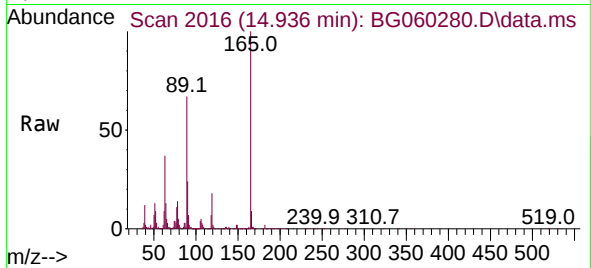
182 1.8 1.7 2.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#58

Fluorene

Concen: 42.518 ng

RT: 15.618 min Scan# 2132

Delta R.T. -0.008 min

Lab File: BG060280.D

Acq: 5 Jan 2024 21:20

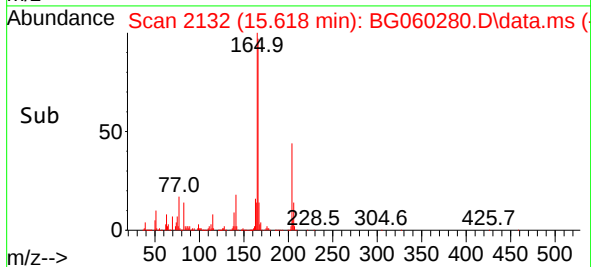
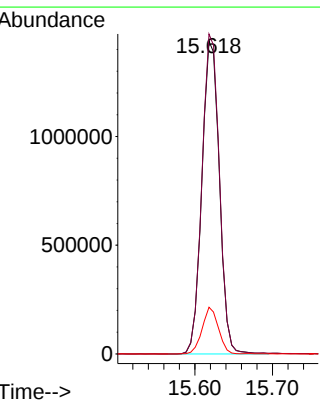
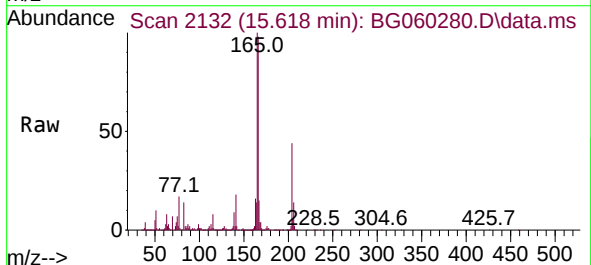
Tgt Ion:166 Resp: 2255840

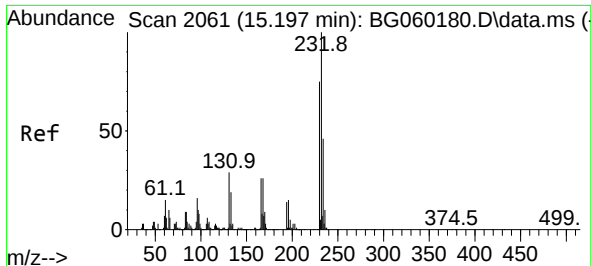
Ion Ratio Lower Upper

166 100

165 102.3 80.4 120.6

167 15.0 11.3 16.9





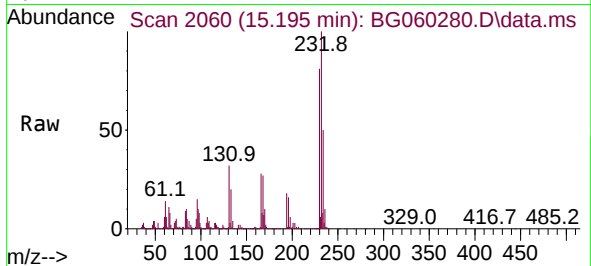
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.619 ng
RT: 15.195 min Scan# 2060
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD



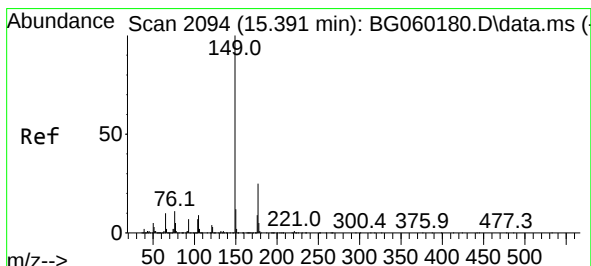
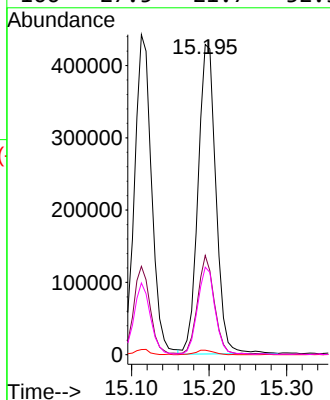
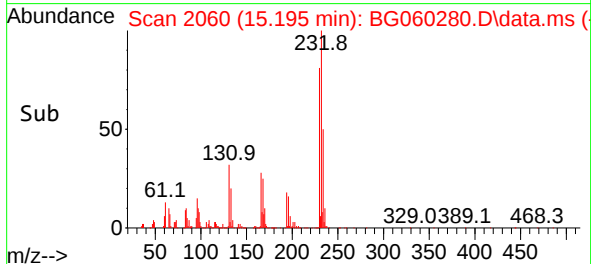
Tgt Ion:232 Resp: 683781
Ion Ratio Lower Upper
232 100
131 30.2 23.8 35.6
130 1.5 1.2 1.8
166 27.5 21.7 32.5

Manual Integrations

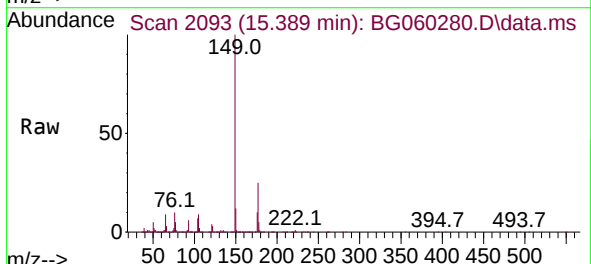
APPROVED

Reviewed By :Yogesh Patel 01/06/2024

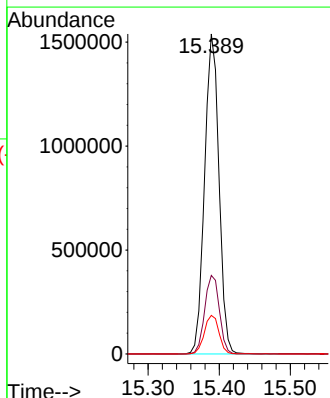
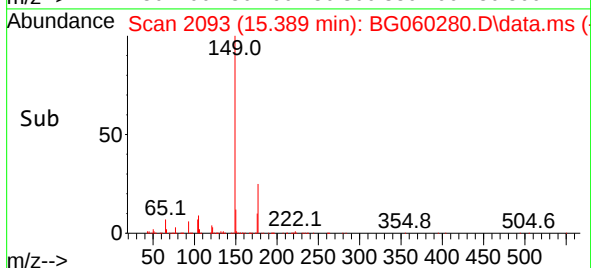
Supervised By :mohammad ahmed 01/06/2024

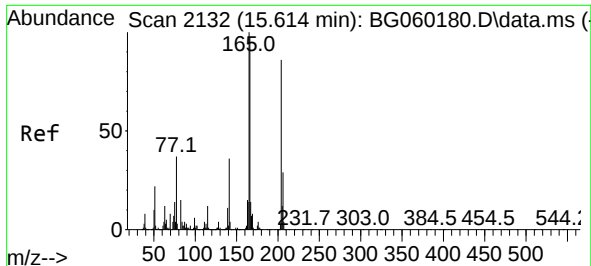


#60
Diethylphthalate
Concen: 42.936 ng
RT: 15.389 min Scan# 2093
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20



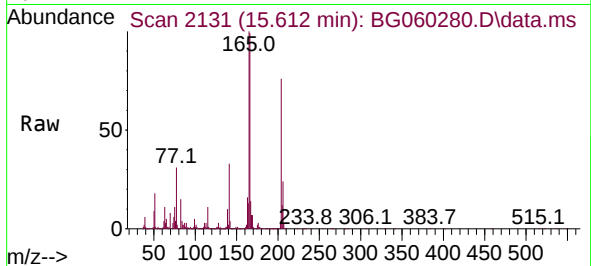
Tgt Ion:149 Resp: 2166187
Ion Ratio Lower Upper
149 100
177 24.6 20.2 30.2
150 12.1 9.6 14.4





#61
4-Chlorophenyl-phenylether
Concen: 41.921 ng
RT: 15.612 min Scan# 2132
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

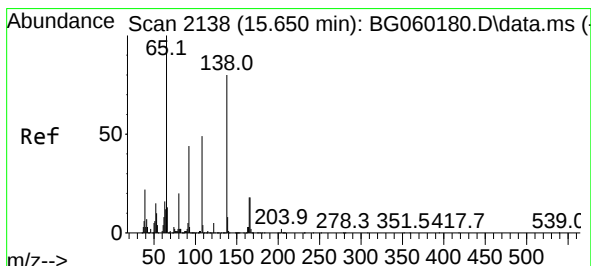
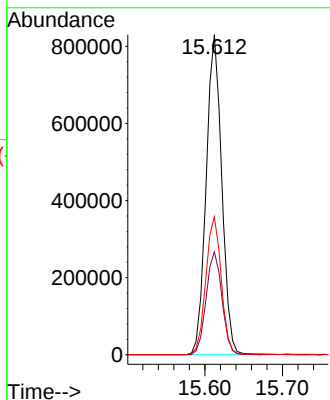
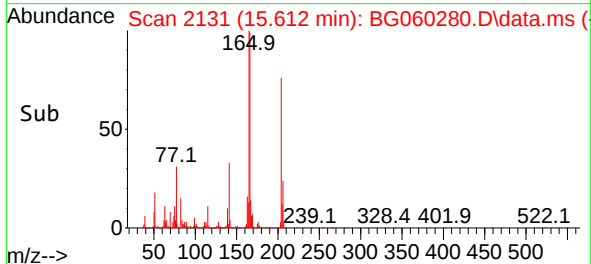
Instrument :
BNA_G
ClientSampleId :
COMP-2MSD



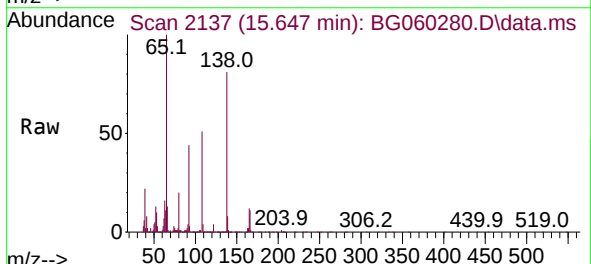
Tgt Ion:204 Resp: 115812
Ion Ratio Lower Upper
204 100
206 32.1 26.9 40.3
141 43.1 33.2 49.8

Manual Integrations
APPROVED

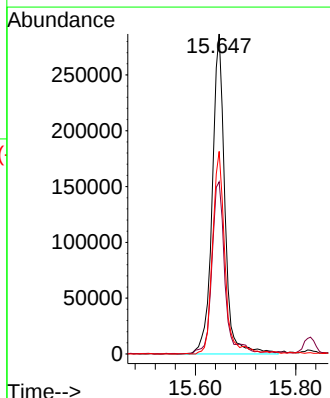
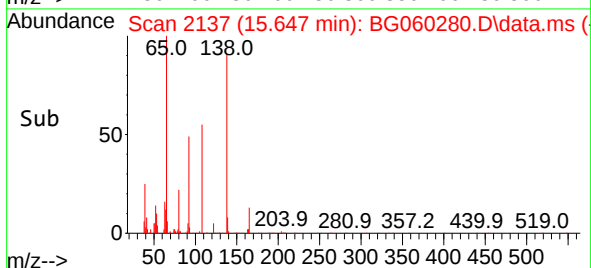
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

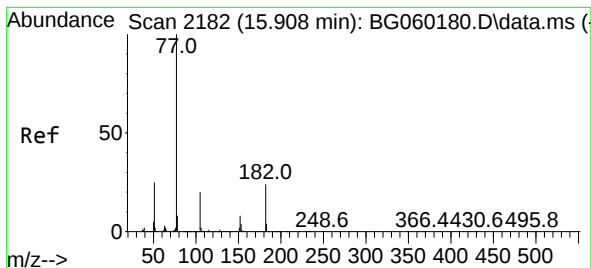


#62
4-Nitroaniline
Concen: 45.688 ng
RT: 15.647 min Scan# 2137
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20



Tgt Ion:138 Resp: 499300
Ion Ratio Lower Upper
138 100
92 53.8 35.1 75.1
108 63.3 40.9 80.9





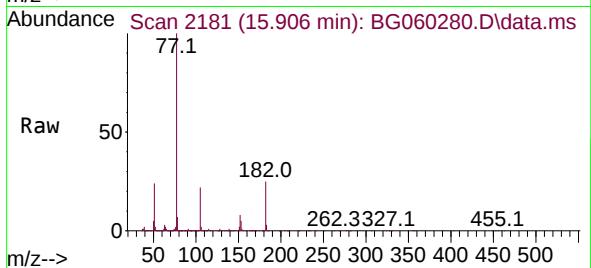
#63
Azobenzene
Concen: 43.006 ng
RT: 15.906 min Scan# 2182
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD



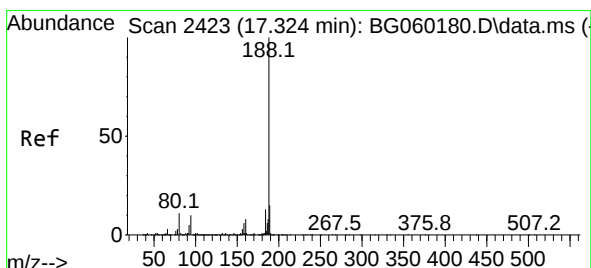
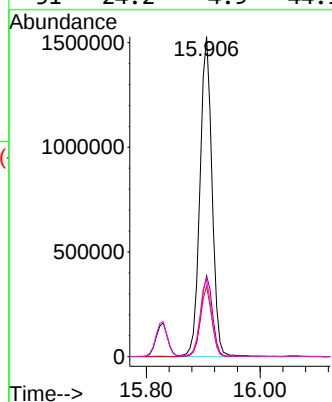
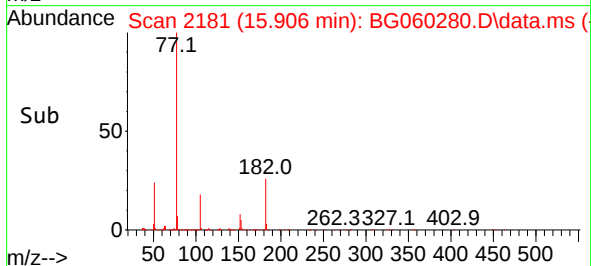
Tgt Ion: 77 Resp: 224950
Ion Ratio Lower Upper
77 100
182 25.3 4.3 44.3
105 22.0 0.3 40.3
51 24.2 4.9 44.9

Manual Integrations

APPROVED

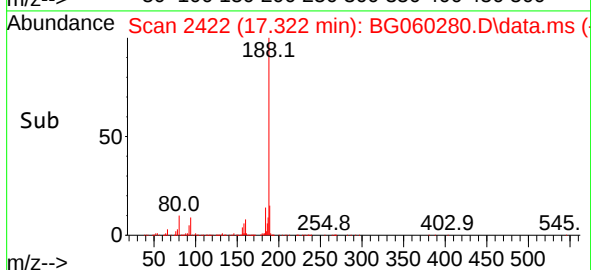
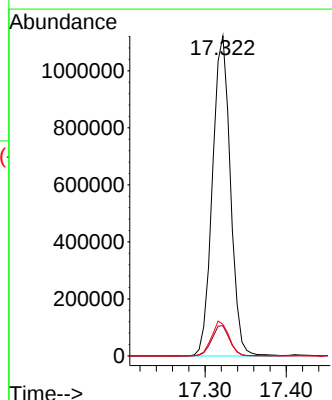
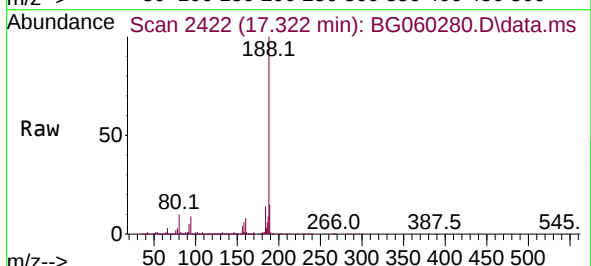
Reviewed By :Yogesh Patel 01/06/2024

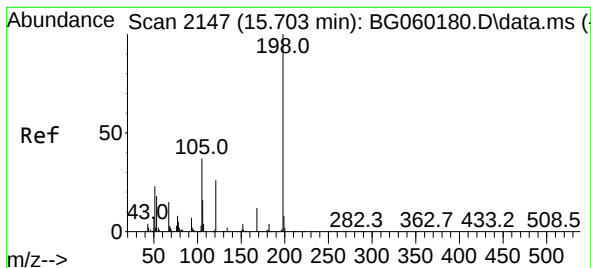
Supervised By :mohammad ahmed 01/06/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.322 min Scan# 2422
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Tgt Ion:188 Resp: 1719575
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 9.9 8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 47.521 ng
RT: 15.694 min Scan# 2145
Delta R.T. -0.009 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

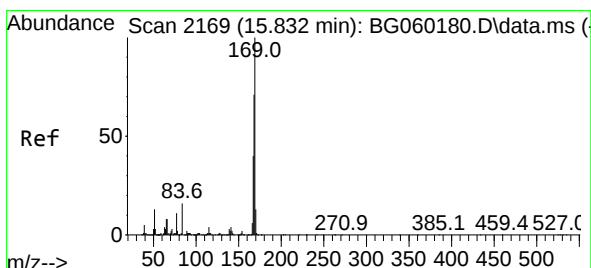
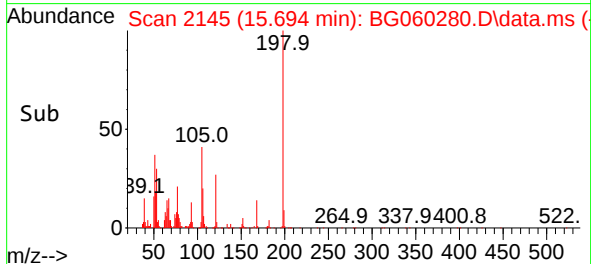
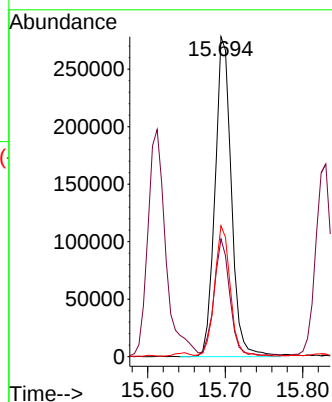
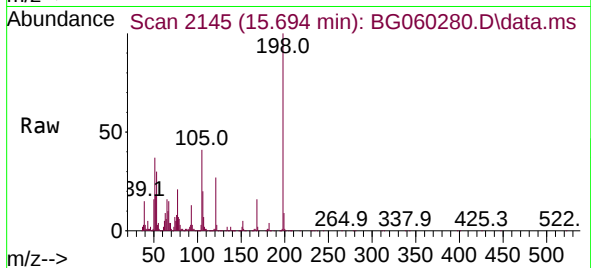
ClientSampleId :

COMP-2MSD

Tgt Ion:198 Resp: 40888
Ion Ratio Lower Upper
198 100
51 36.8 14.8 54.8
105 40.9 17.5 57.5

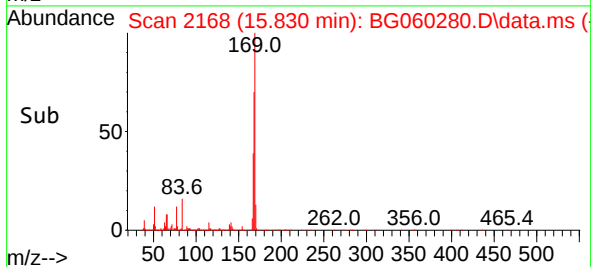
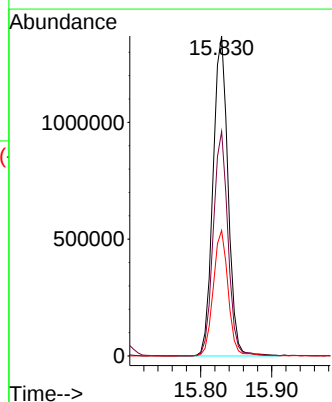
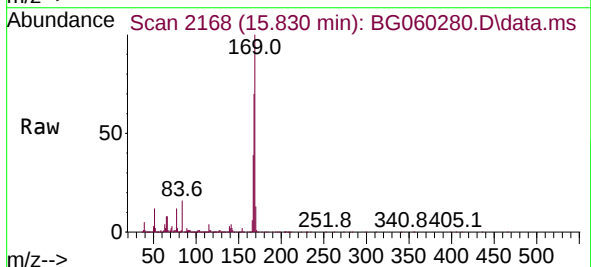
Manual Integrations
APPROVED

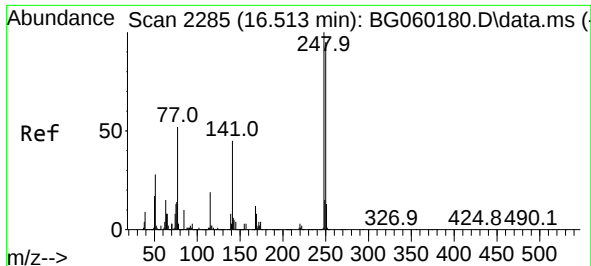
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#66
n-Nitrosodiphenylamine
Concen: 43.486 ng
RT: 15.830 min Scan# 2168
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Tgt Ion:169 Resp: 2015019
Ion Ratio Lower Upper
169 100
168 70.2 56.6 84.8
167 39.2 32.1 48.1





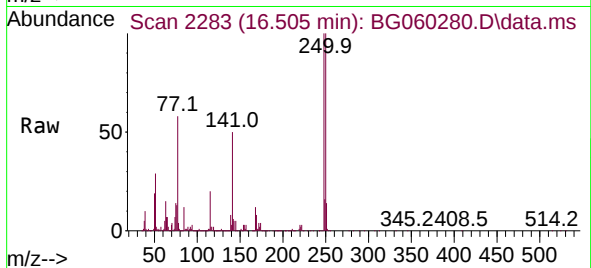
#67
4-Bromophenyl-phenylether
Concen: 40.645 ng
RT: 16.505 min Scan# 211
Delta R.T. -0.008 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

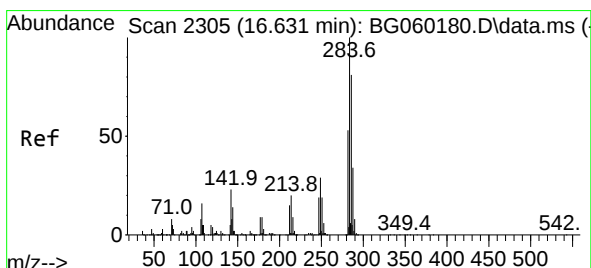
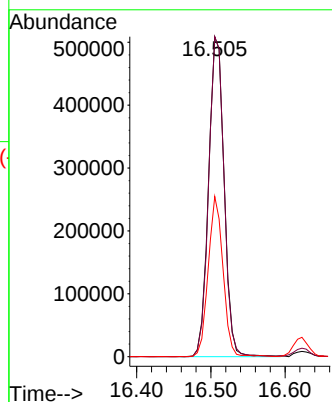
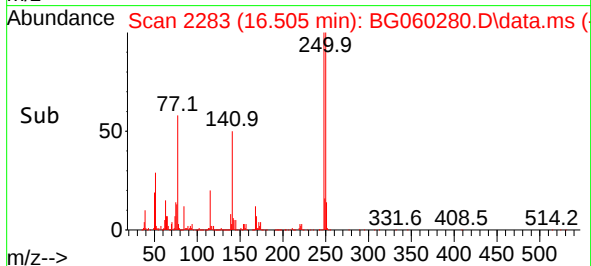


Tgt Ion:248 Resp: 74101
Ion Ratio Lower Upper
248 100
250 100.1 76.2 114.4
141 50.1 36.0 54.0

Manual Integrations

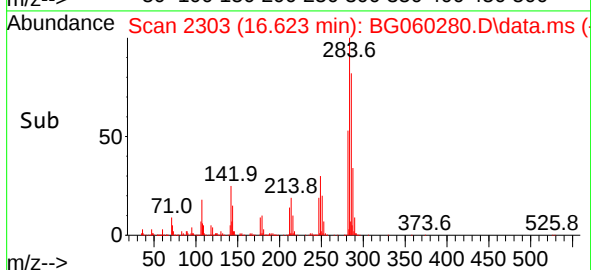
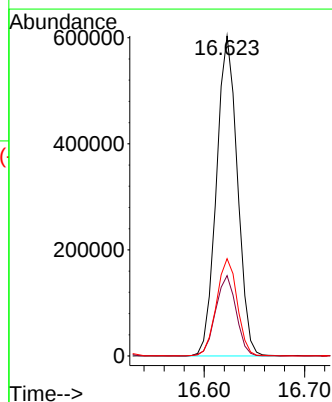
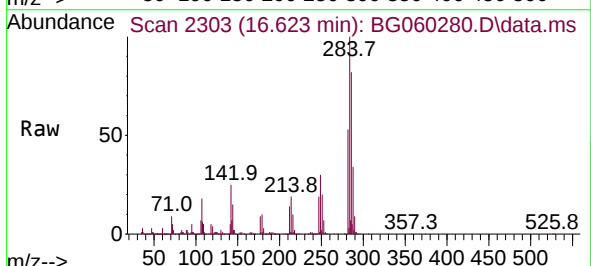
APPROVED

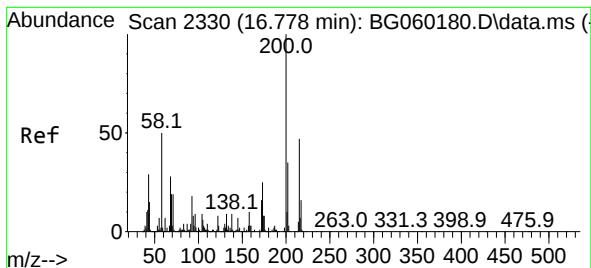
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#68
Hexachlorobenzene
Concen: 40.879 ng
RT: 16.623 min Scan# 2303
Delta R.T. -0.008 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Tgt Ion:284 Resp: 873804
Ion Ratio Lower Upper
284 100
142 25.1 18.7 28.1
249 32.6 23.5 35.3





#69

Atrazine

Concen: 47.911 ng

RT: 16.776 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG060280.D

Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

Tgt Ion:200 Resp: 81595

Ion Ratio Lower Upper

200 100

173 24.7 5.2 45.2

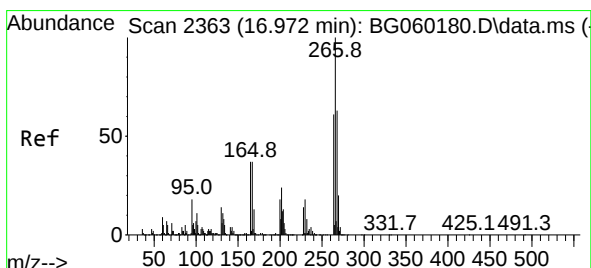
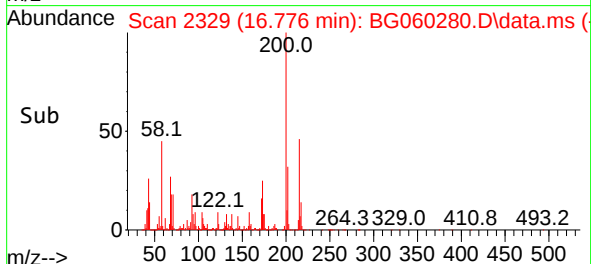
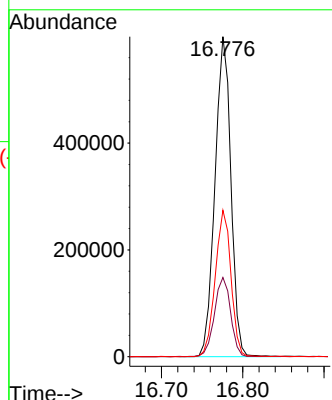
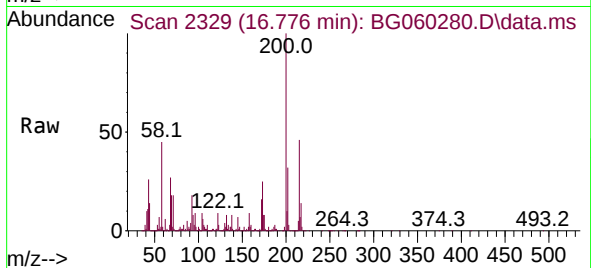
215 45.8 26.9 66.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#70

Pentachlorophenol

Concen: 93.393 ng

RT: 16.969 min Scan# 2362

Delta R.T. -0.002 min

Lab File: BG060280.D

Acq: 5 Jan 2024 21:20

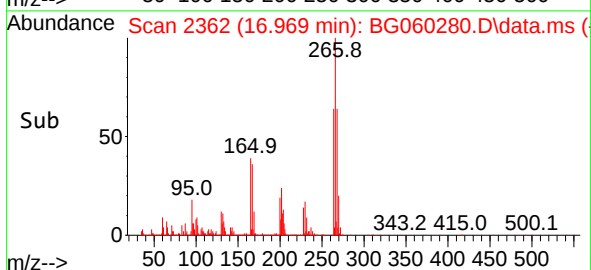
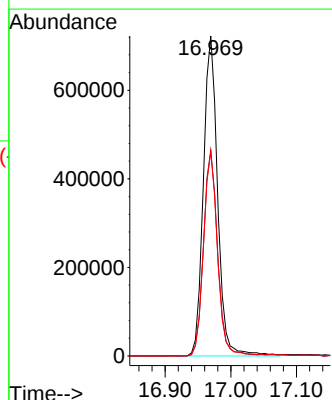
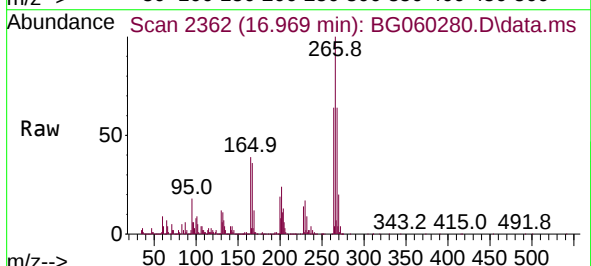
Tgt Ion:266 Resp: 1096674

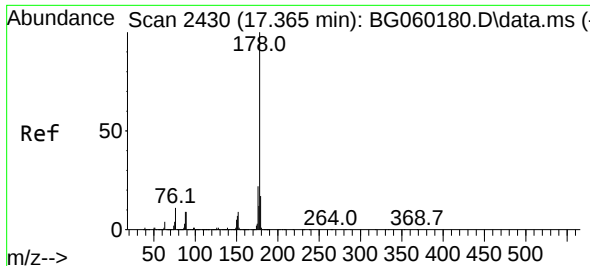
Ion Ratio Lower Upper

266 100

268 64.3 50.4 75.6

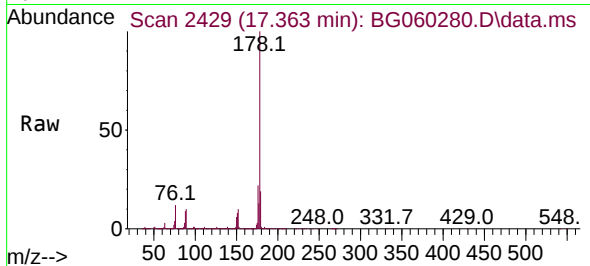
264 63.8 52.6 79.0





#71
Phenanthrene
Concen: 43.072 ng
RT: 17.363 min Scan# 2430
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

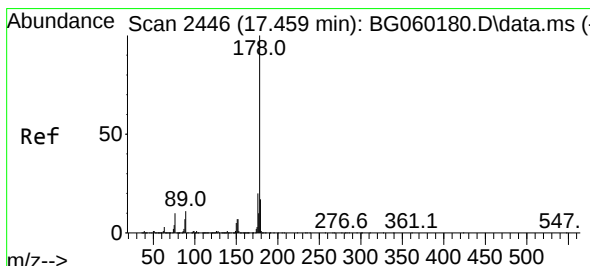
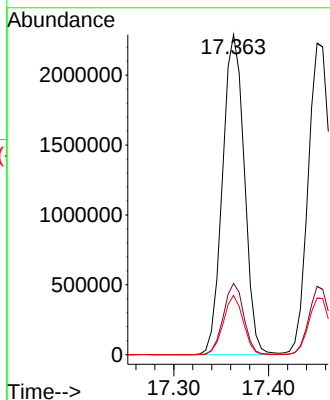
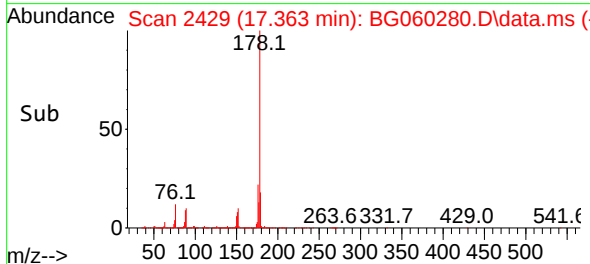
Instrument :
BNA_G
ClientSampleId :
COMP-2MSD



Tgt Ion:178 Resp: 366100
Ion Ratio Lower Upper
178 100
176 22.3 17.5 26.3
179 18.5 13.8 20.8

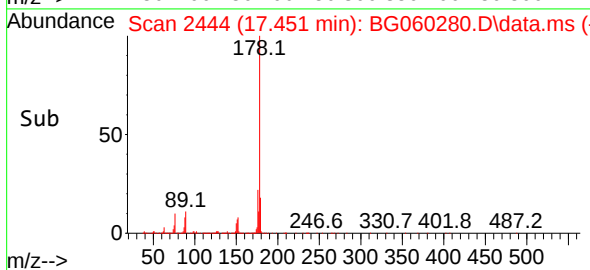
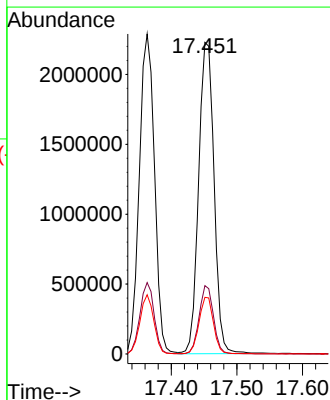
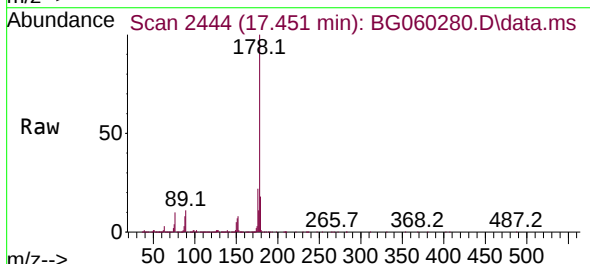
Manual Integrations
APPROVED

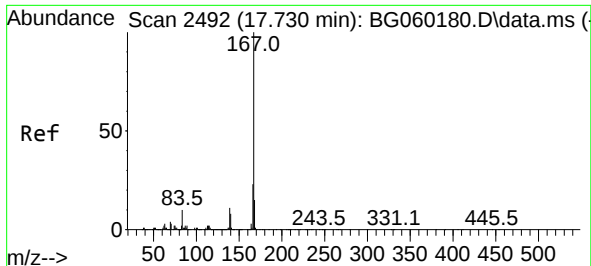
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#72
Anthracene
Concen: 43.279 ng
RT: 17.451 min Scan# 2444
Delta R.T. -0.008 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

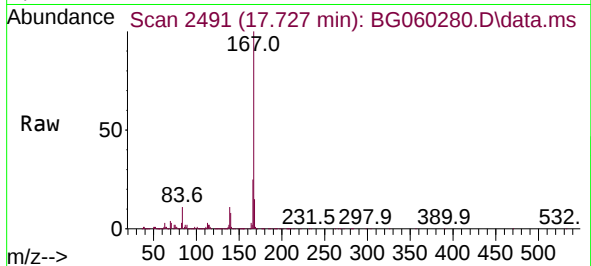
Tgt Ion:178 Resp: 3653947
Ion Ratio Lower Upper
178 100
176 21.9 16.2 24.2
179 18.2 14.0 21.0





#73
 Carbazole
 Concen: 42.128 ng
 RT: 17.727 min Scan# 2491
 Delta R.T. -0.002 min
 Lab File: BG060280.D
 Acq: 5 Jan 2024 21:20

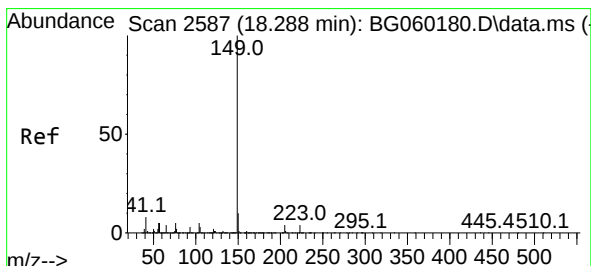
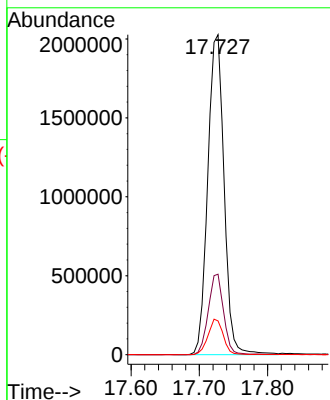
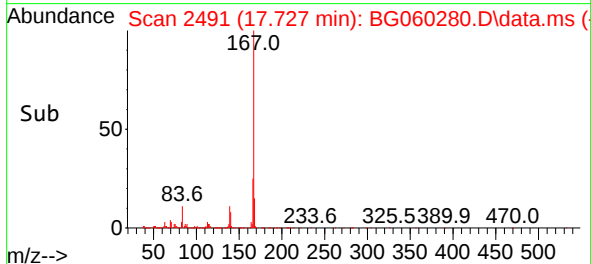
Instrument :
 BNA_G
 ClientSampleId :
 COMP-2MSD



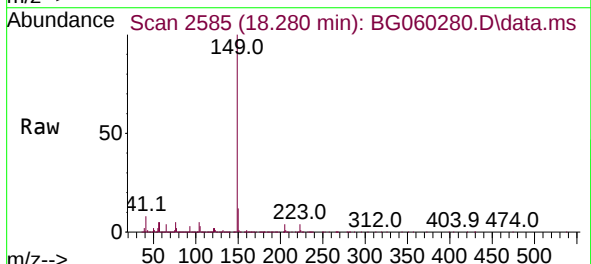
Tgt Ion:167 Resp: 3373474
 Ion Ratio Lower Upper
 167 100
 166 25.2 18.8 28.2
 139 10.5 8.8 13.2

Manual Integrations
 APPROVED

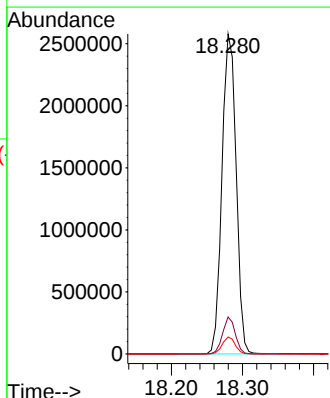
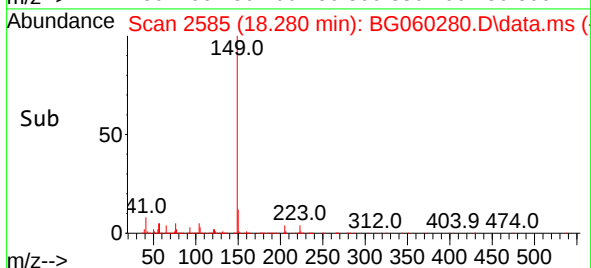
Reviewed By :Yogesh Patel 01/06/2024
 Supervised By :mohammad ahmed 01/06/2024

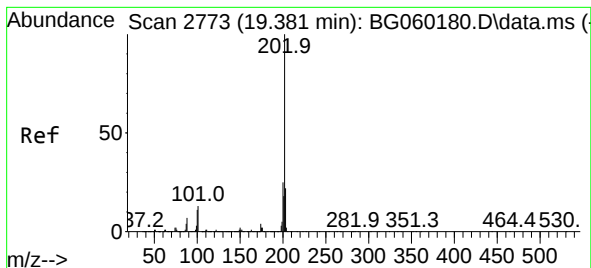


#74
 Di-n-butylphthalate
 Concen: 45.741 ng
 RT: 18.280 min Scan# 2585
 Delta R.T. -0.008 min
 Lab File: BG060280.D
 Acq: 5 Jan 2024 21:20



Tgt Ion:149 Resp: 3549534
 Ion Ratio Lower Upper
 149 100
 150 11.5 8.3 12.5
 104 5.3 4.2 6.4





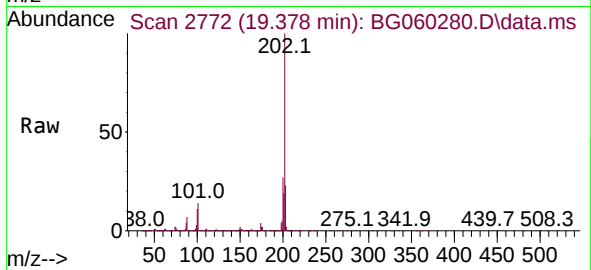
#75
Fluoranthene
Concen: 42.040 ng
RT: 19.378 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD



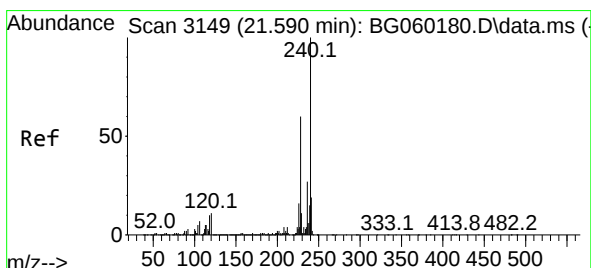
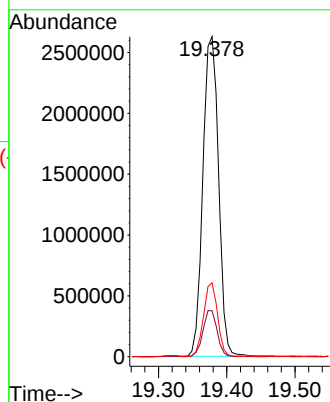
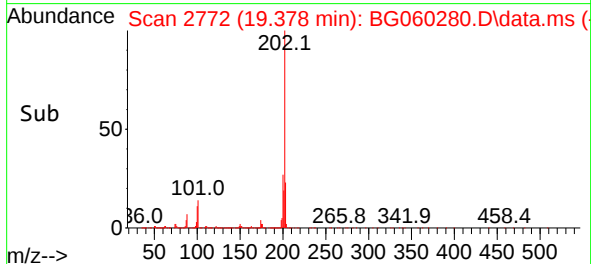
Tgt Ion:202 Resp: 4191360
Ion Ratio Lower Upper
202 100
101 14.3 0.0 32.8
203 23.1 2.0 42.0

Manual Integrations

APPROVED

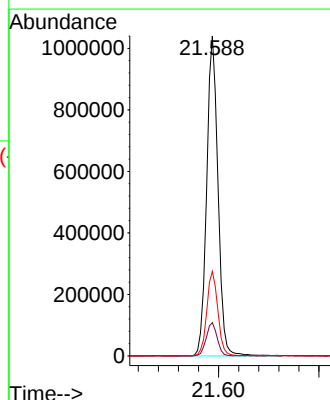
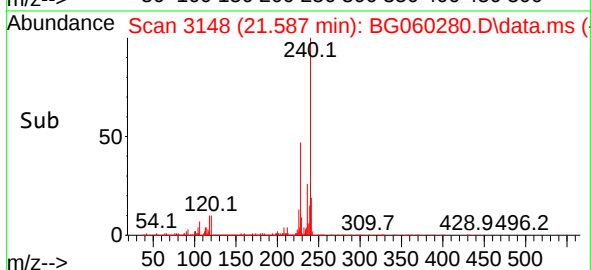
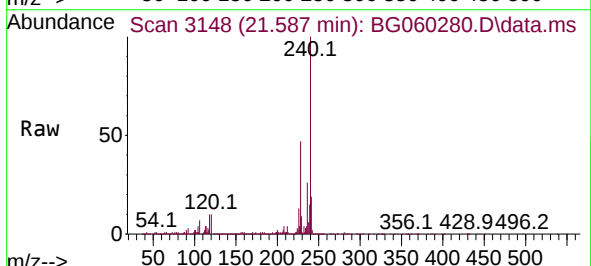
Reviewed By :Yogesh Patel 01/06/2024

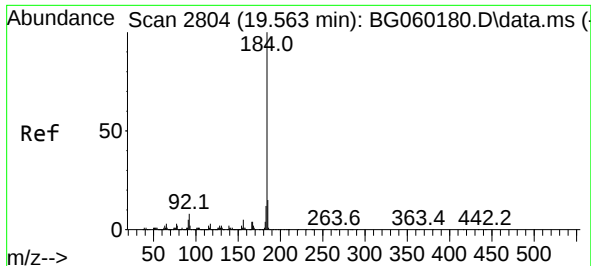
Supervised By :mohammad ahmed 01/06/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.587 min Scan# 3148
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Tgt Ion:240 Resp: 1625281
Ion Ratio Lower Upper
240 100
120 10.4 8.5 12.7
236 26.4 21.4 32.2





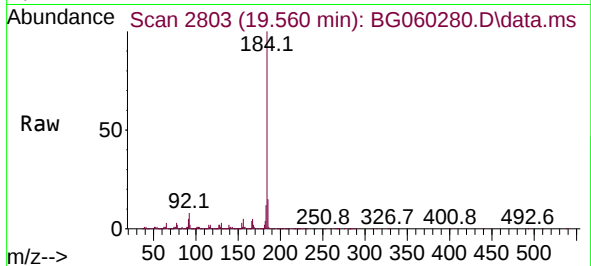
#77
Benzidine
Concen: 37.946 ng
RT: 19.560 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

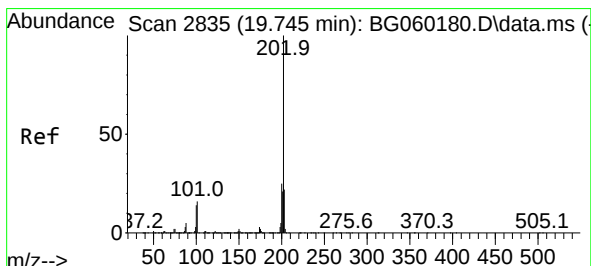
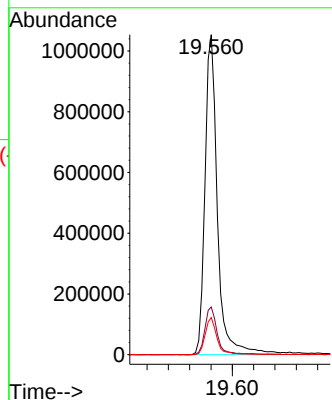
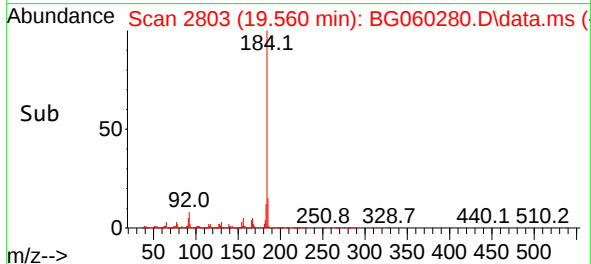


Tgt Ion:184 Resp: 170689
Ion Ratio Lower Upper
184 100
185 14.9 11.7 17.5
183 11.6 9.4 14.2

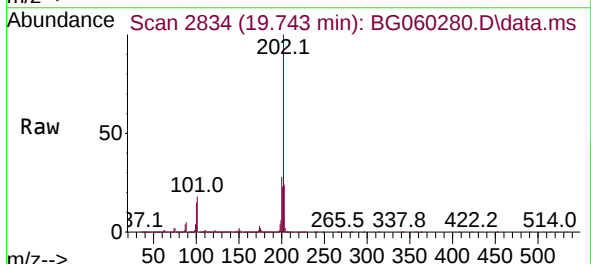
Manual Integrations

APPROVED

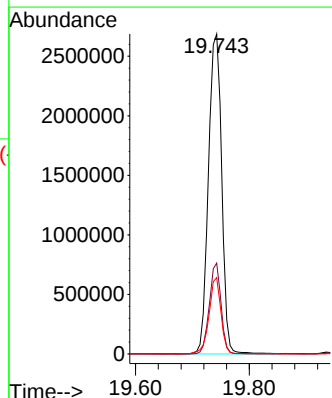
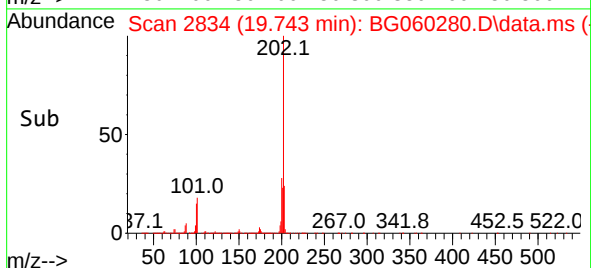
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

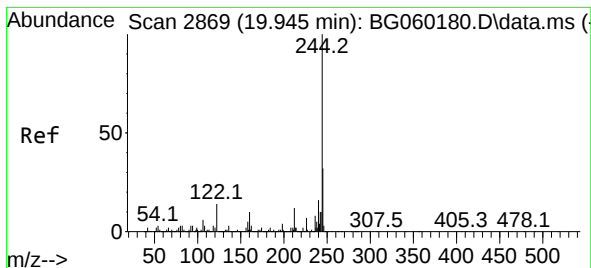


#78
Pyrene
Concen: 39.572 ng
RT: 19.743 min Scan# 2834
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20



Tgt Ion:202 Resp: 4323402
Ion Ratio Lower Upper
202 100
200 28.4 20.3 30.5
203 23.9 17.8 26.6





#79

Terphenyl-d14

Concen: 55.230 ng

RT: 19.936 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG060280.D

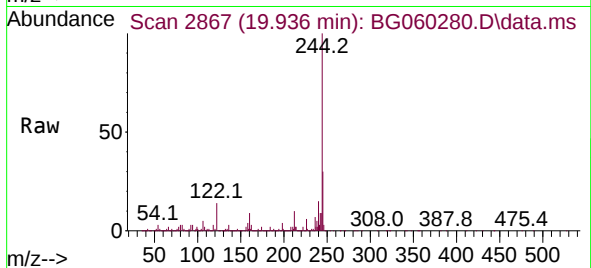
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD



Tgt Ion:244 Resp: 466914

Ion Ratio Lower Upper

244 100

212 10.5 9.5 14.3

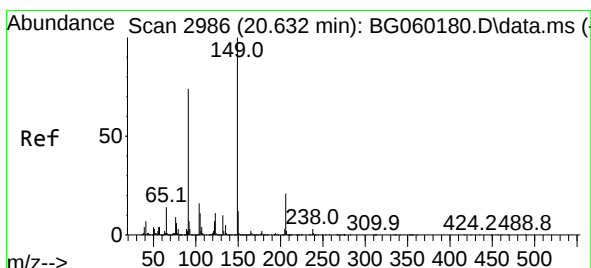
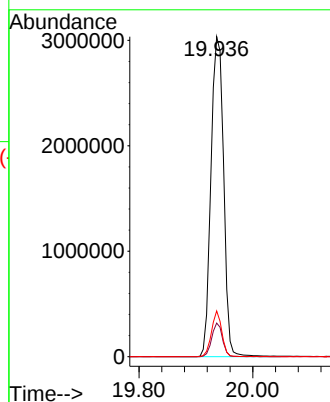
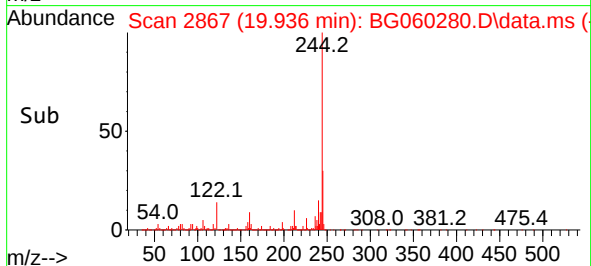
122 14.3 11.4 17.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#80

Butylbenzylphthalate

Concen: 53.948 ng

RT: 20.630 min Scan# 2985

Delta R.T. -0.002 min

Lab File: BG060280.D

Acq: 5 Jan 2024 21:20

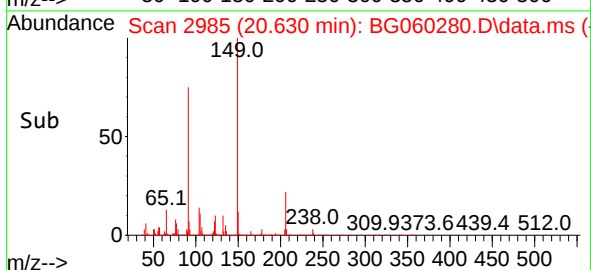
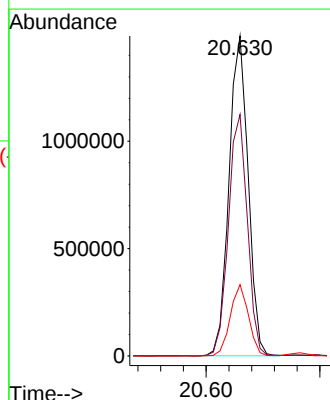
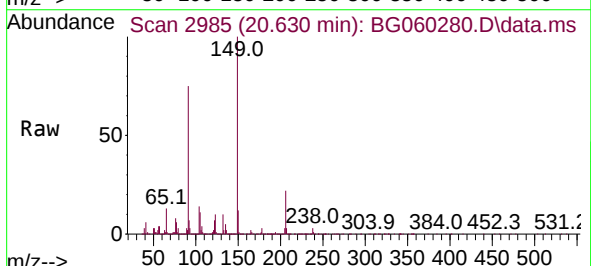
Tgt Ion:149 Resp: 1737918

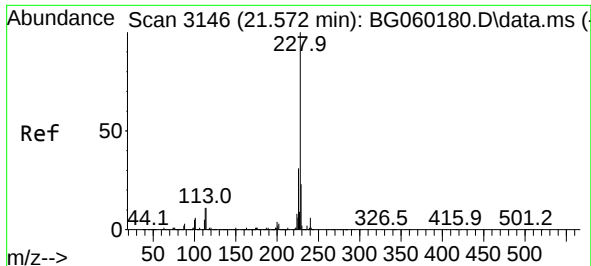
Ion Ratio Lower Upper

149 100

91 75.4 59.4 89.2

206 22.3 16.6 25.0





#81
Benzo(a)anthracene
Concen: 42.100 ng
RT: 21.570 min Scan# 3146
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

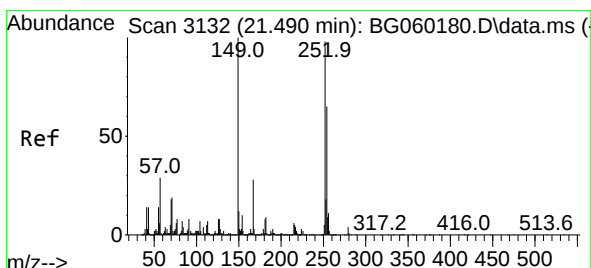
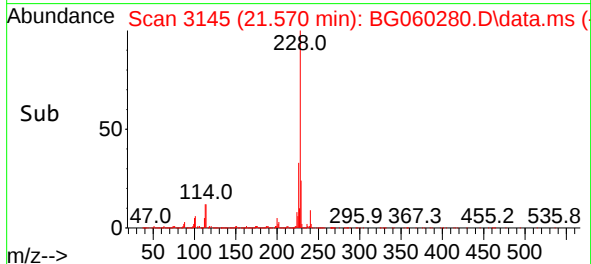
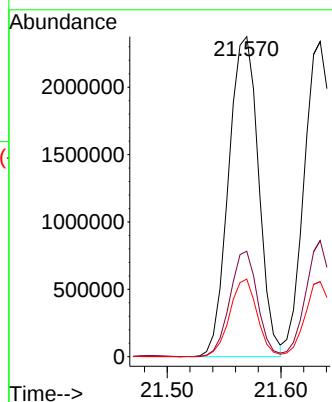
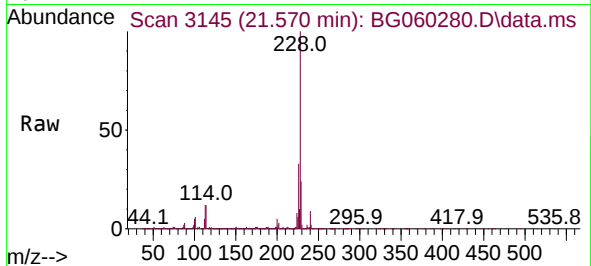
COMP-2MSD

Tgt Ion:228 Resp: 4350450
Ion Ratio Lower Upper
228 100
226 32.9 24.6 36.8
229 24.3 18.4 27.6

Manual Integrations

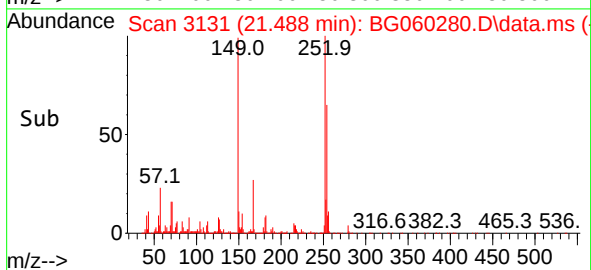
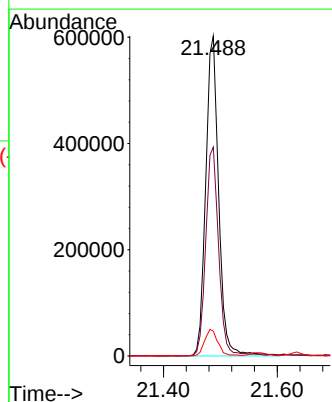
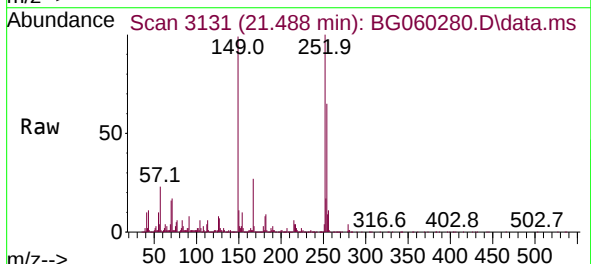
APPROVED

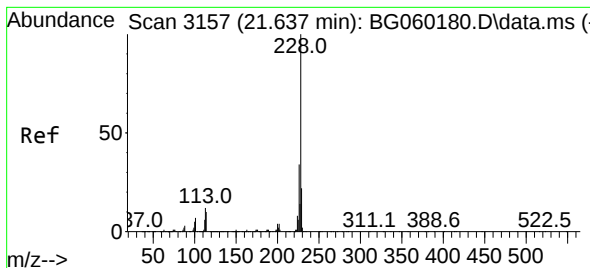
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#82
3,3'-Dichlorobenzidine
Concen: 25.229 ng
RT: 21.488 min Scan# 3131
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Tgt Ion:252 Resp: 948061
Ion Ratio Lower Upper
252 100
254 65.2 52.6 78.8
126 7.8 6.9 10.3





#83

Chrysene

Concen: 41.349 ng

RT: 21.634 min Scan# 3157

Delta R.T. -0.002 min

Lab File: BG060280.D

Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

Tgt Ion:228 Resp: 4151209

Ion Ratio Lower Upper

228 100

226 36.9 26.8 40.2

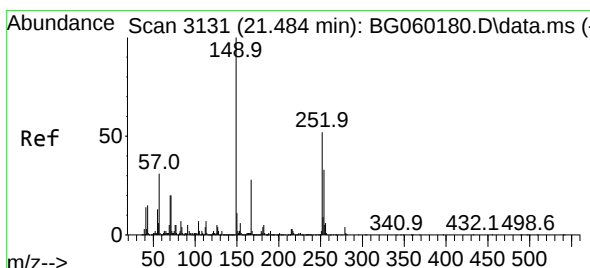
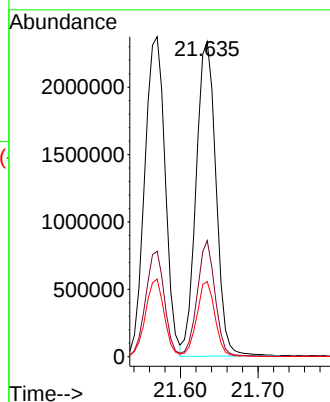
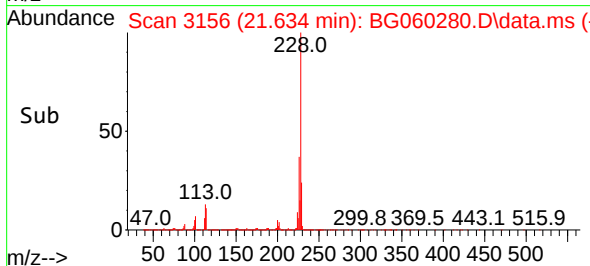
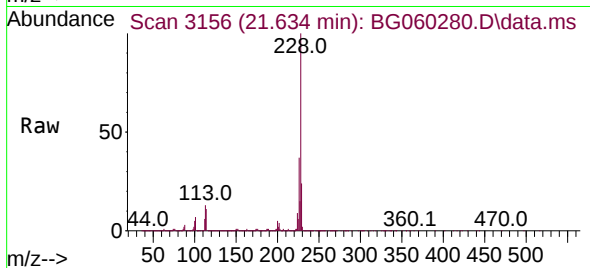
229 23.8 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.465 ng

RT: 21.476 min Scan# 3129

Delta R.T. -0.008 min

Lab File: BG060280.D

Acq: 5 Jan 2024 21:20

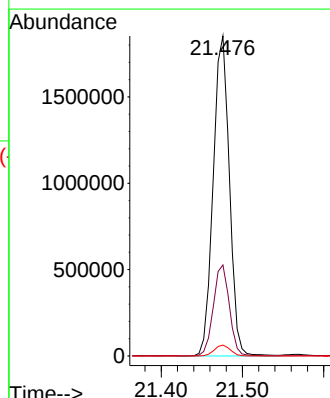
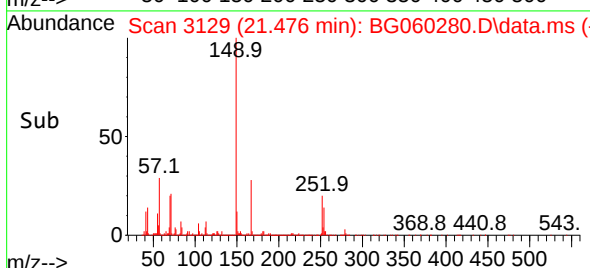
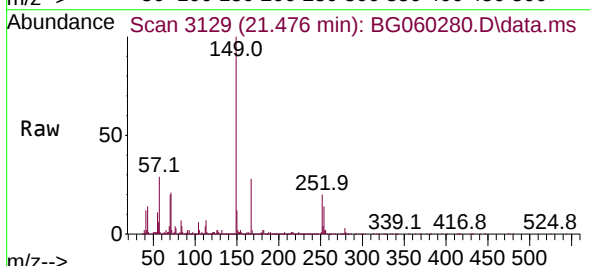
Tgt Ion:149 Resp: 2563075

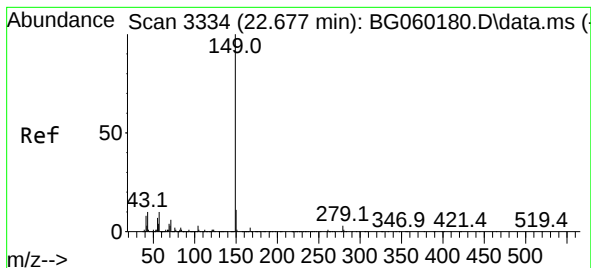
Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.4

279 3.4 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 53.142 ng

RT: 22.669 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG060280.D

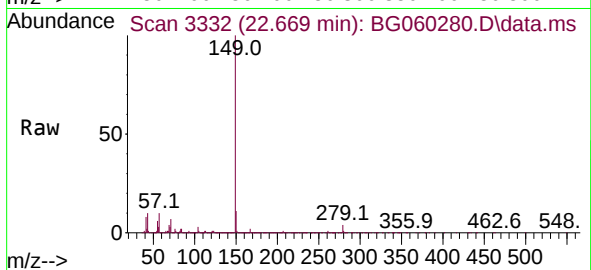
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD



Tgt Ion:149 Resp: 424962

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

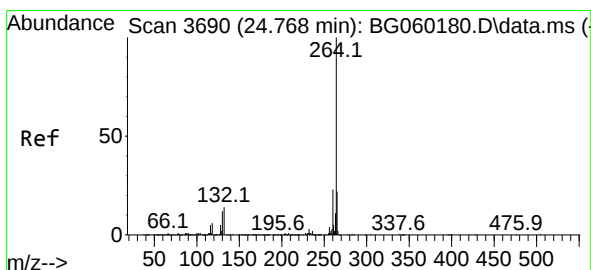
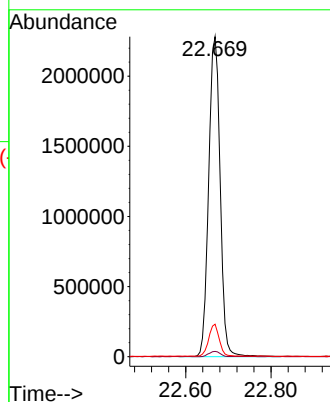
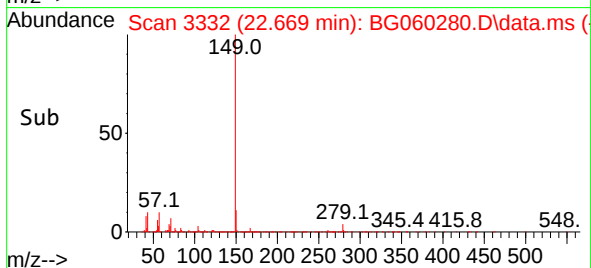
43 9.3 7.8 11.8

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: 24.754 min Scan# 3687

Delta R.T. -0.014 min

Lab File: BG060280.D

Acq: 5 Jan 2024 21:20

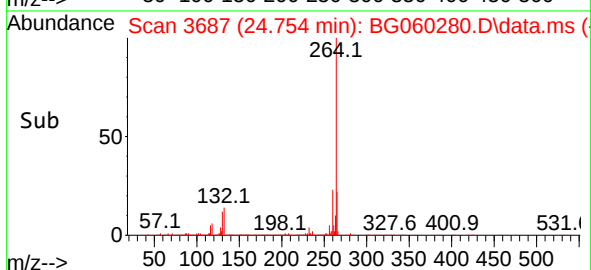
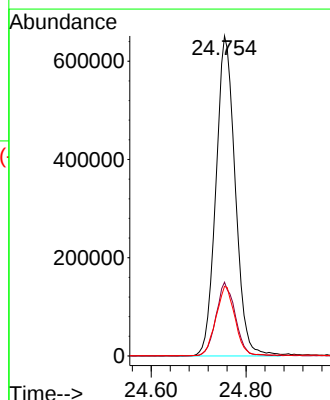
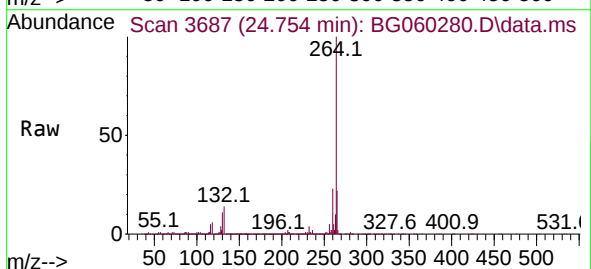
Tgt Ion:264 Resp: 1838686

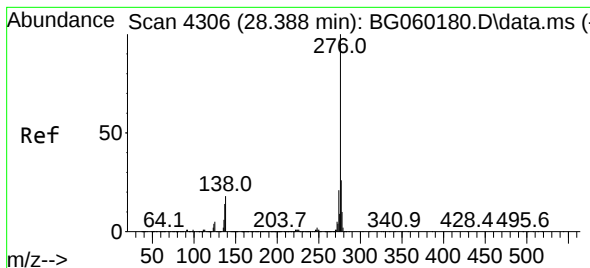
Ion Ratio Lower Upper

264 100

260 23.1 18.0 27.0

265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.684 ng

RT: 28.374 min Scan# 4306

Delta R.T. -0.014 min

Lab File: BG060280.D

Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

Tgt Ion:276 Resp: 566289

Ion Ratio Lower Upper

276 100

138 22.8 18.0 27.0

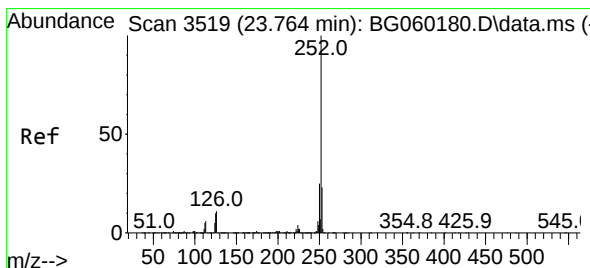
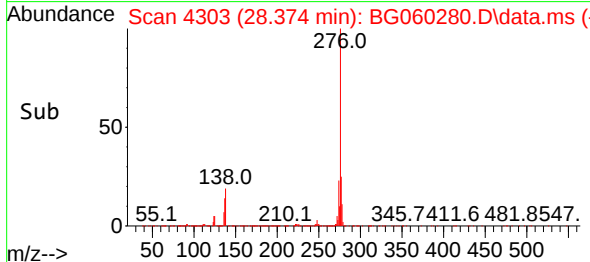
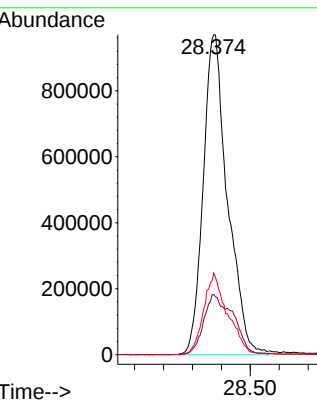
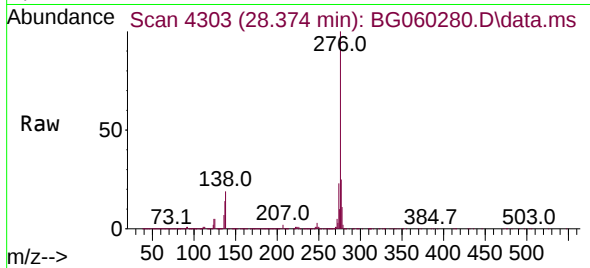
277 25.2 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#88

Benzo(b)fluoranthene

Concen: 42.208 ng

RT: 23.750 min Scan# 3516

Delta R.T. -0.014 min

Lab File: BG060280.D

Acq: 5 Jan 2024 21:20

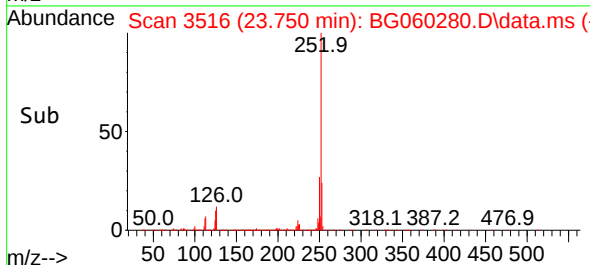
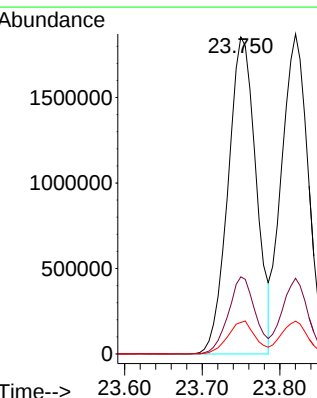
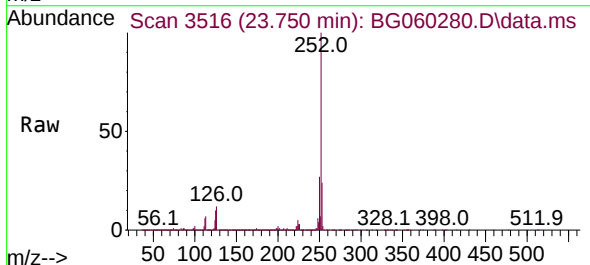
Tgt Ion:252 Resp: 4663771

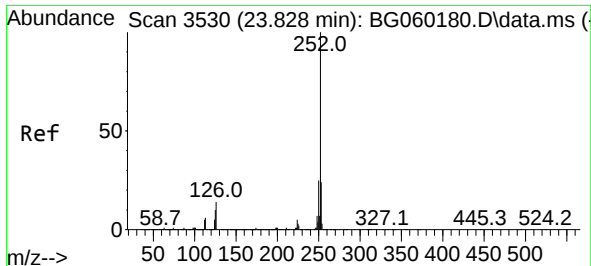
Ion Ratio Lower Upper

252 100

253 24.4 18.4 27.6

125 10.0 8.0 12.0





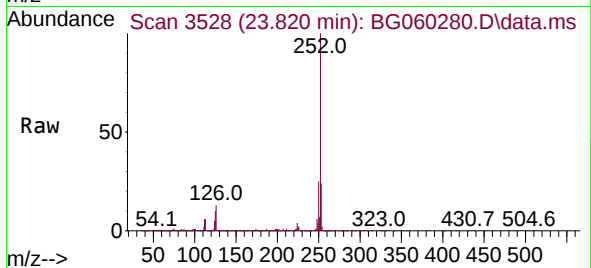
#89
Benzo(k)fluoranthene
Concen: 40.594 ng
RT: 23.820 min Scan# 3530
Delta R.T. -0.008 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

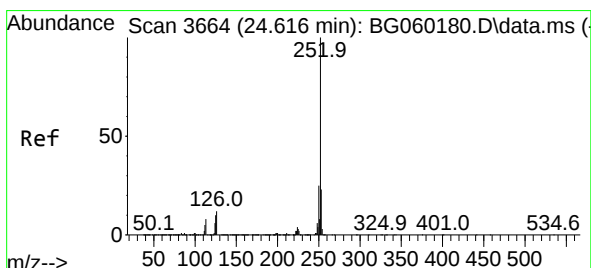
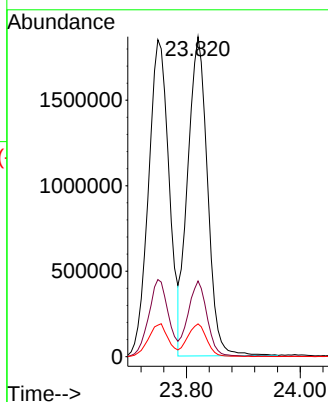
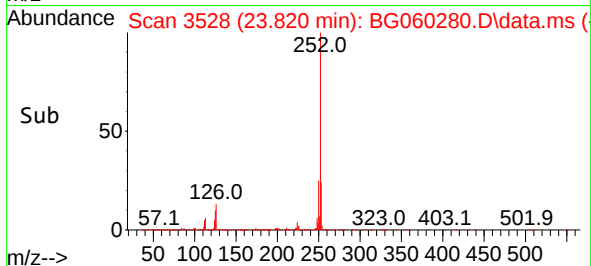
COMP-2MSD



Tgt Ion:252 Resp: 451456
Ion Ratio Lower Upper
252 100
253 23.6 19.1 28.7
125 10.3 7.7 11.5

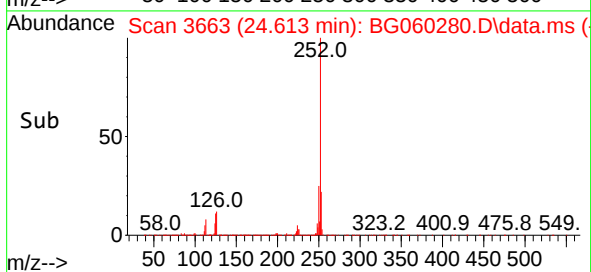
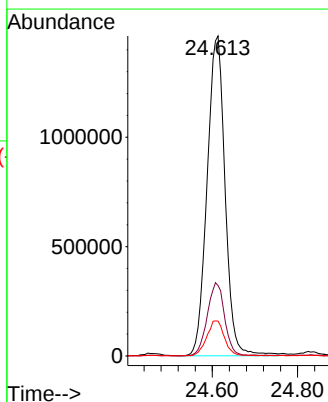
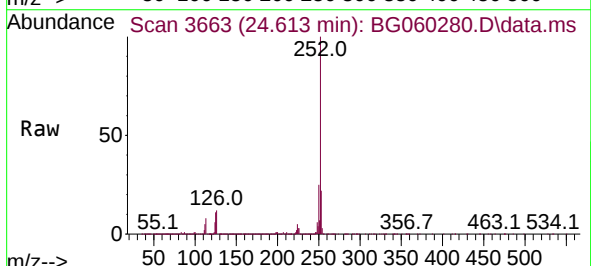
Manual Integrations
APPROVED

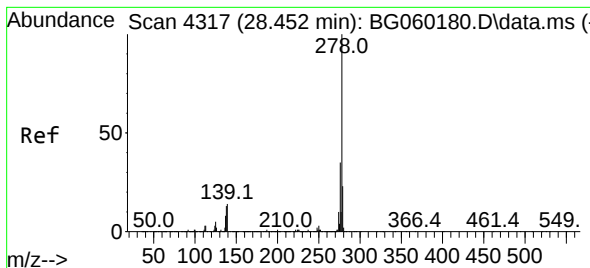
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#90
Benzo(a)pyrene
Concen: 42.841 ng
RT: 24.613 min Scan# 3663
Delta R.T. -0.002 min
Lab File: BG060280.D
Acq: 5 Jan 2024 21:20

Tgt Ion:252 Resp: 4282636
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 10.9 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 43.493 ng

RT: 28.438 min Scan# 4317

Delta R.T. -0.014 min

Lab File: BG060280.D

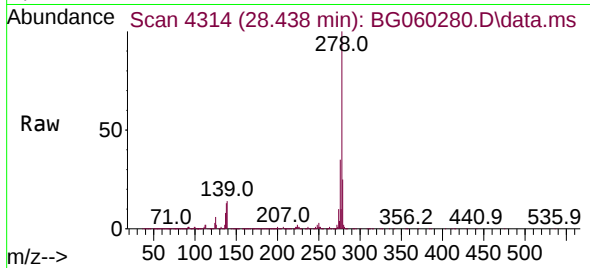
Acq: 5 Jan 2024 21:20

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD



Tgt Ion:278 Resp: 463256

Ion Ratio Lower Upper

278 100

139 14.4 11.0 16.4

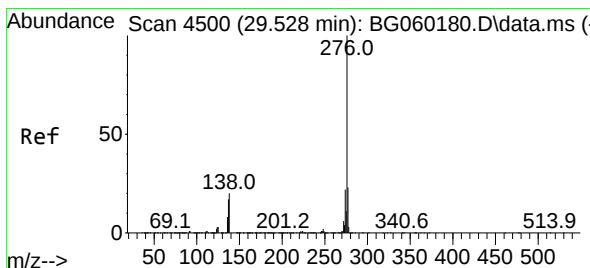
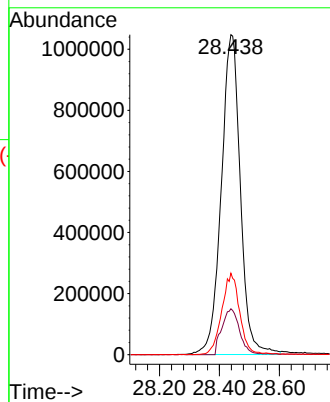
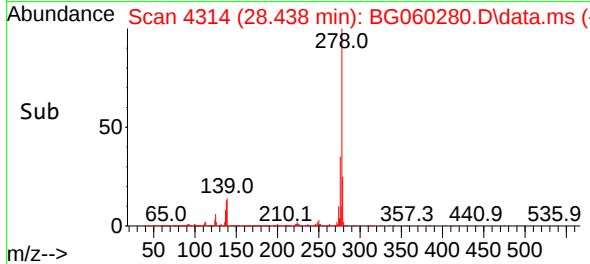
279 25.5 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#92

Benzo(g,h,i)perylene

Concen: 41.811 ng

RT: 29.502 min Scan# 4495

Delta R.T. -0.026 min

Lab File: BG060280.D

Acq: 5 Jan 2024 21:20

Tgt Ion:276 Resp: 4510884

Ion Ratio Lower Upper

276 100

277 24.1 18.7 28.1

138 20.1 15.9 23.9

