

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011024\
 Data File : BG060298.D
 Acq On : 10 Jan 2024 12:55
 Operator : MA/JU
 Sample : P1067-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-A-COMP(0-8)MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/11/2024
 Supervised By :mohammad ahmed 01/12/2024

Quant Time: Jan 10 13:38:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	241472	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	954699	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	702384	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	1609289	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1552945	20.000	ng	0.00
86) Perylene-d12	24.750	264	1720939	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1627943	110.887	ng	0.00
7) Phenol-d6	7.100	99	2119832	97.512	ng	0.00
23) Nitrobenzene-d5	9.092	82	1275702	63.097	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	931263	90.116	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	3156680	62.484	ng	0.00
79) Terphenyl-d14	19.938	244	4467469	66.997	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.405	88	291903	43.527	ng	95
3) Pyridine	3.798	79	758625	40.094	ng	91
4) n-Nitrosodimethylamine	3.716	42	298223	50.362	ng	# 99
6) Aniline	7.259	93	632386	29.103	ng	98
8) 2-Chlorophenol	7.494	128	723297	49.712	ng	95
9) Benzaldehyde	7.071	77	145021m	11.622	ng	
10) Phenol	7.124	94	1103968	50.649	ng	96
11) bis(2-Chloroethyl)ether	7.353	93	807038	45.439	ng	96
12) 1,3-Dichlorobenzene	7.817	146	784675	42.966	ng	99
13) 1,4-Dichlorobenzene	7.964	146	818280	44.161	ng	98
14) 1,2-Dichlorobenzene	8.287	146	792301	41.583	ng	99
15) Benzyl Alcohol	8.170	79	705791	50.155	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.458	45	956458m	44.369	ng	
17) 2-Methylphenol	8.375	107	719238	48.043	ng	99
18) Hexachloroethane	9.010	117	276625	42.579	ng	96
19) n-Nitroso-di-n-propyla...	8.734	70	666781	44.317	ng	99
20) 3+4-Methylphenols	8.704	107	967862	47.950	ng	97
22) Acetophenone	8.751	105	1306128	49.770	ng	99
24) Nitrobenzene	9.139	77	921864	43.984	ng	97
25) Isophorone	9.656	82	1802828	44.402	ng	98
26) 2-Nitrophenol	9.844	139	395530	51.327	ng	95
27) 2,4-Dimethylphenol	9.903	122	617709	60.663	ng	97
28) bis(2-Chloroethoxy)met...	10.138	93	1132164	45.637	ng	100
29) 2,4-Dichlorophenol	10.379	162	855293	51.833	ng	97
30) 1,2,4-Trichlorobenzene	10.596	180	898816	43.783	ng	95
31) Naphthalene	10.784	128	2194548	43.852	ng	99
32) Benzoic acid	10.038	122	396040m	44.883	ng	
33) 4-Chloroaniline	10.896	127	349973	18.150	ng	99
34) Hexachlorobutadiene	11.066	225	538795	40.290	ng	97
35) Caprolactam	11.671	113	277107m	52.139	ng	
36) 4-Chloro-3-methylphenol	12.018	107	831190	49.584	ng	96
37) 2-Methylnaphthalene	12.394	142	1615434	43.524	ng	99
38) 1-Methylnaphthalene	12.612	142	1615834	43.354	ng	95
40) 1,2,4,5-Tetrachloroben...	12.758	216	1120860	44.933	ng	99
41) Hexachlorocyclopentadiene	12.741	237	1184410	143.009	ng	98
43) 2,4,6-Trichlorophenol	12.999	196	750466	47.273	ng	97

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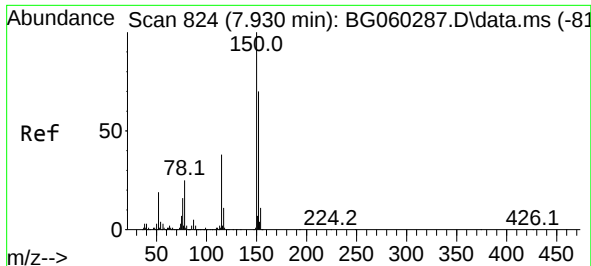
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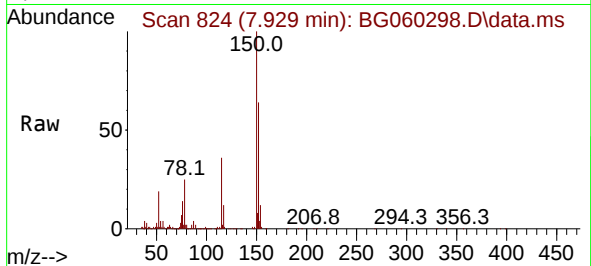
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	827011	47.231	ng	96
46) 1,1'-Biphenyl	13.405	154	2424411	45.728	ng	99
47) 2-Chloronaphthalene	13.446	162	1972424	43.426	ng	99
48) 2-Nitroaniline	13.651	65	581192	51.381	ng	96
49) Acenaphthylene	14.292	152	3061911	48.954	ng	98
50) Dimethylphthalate	14.022	163	2407545	44.854	ng	99
51) 2,6-Dinitrotoluene	14.145	165	533149	46.550	ng	95
52) Acenaphthene	14.633	154	1718454	44.123	ng	100
53) 3-Nitroaniline	14.474	138	262165	25.121	ng	98
54) 2,4-Dinitrophenol	14.680	184	575063	82.510	ng	95
55) Dibenzofuran	14.968	168	2918196	44.885	ng	99
56) 4-Nitrophenol	14.791	139	828441	107.022	ng	98
57) 2,4-Dinitrotoluene	14.932	165	726586	46.263	ng	97
58) Fluorene	15.620	166	2383242	44.265	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.197	232	741804	49.890	ng	97
60) Diethylphthalate	15.391	149	2275531	44.160	ng	99
61) 4-Chlorophenyl-phenyle...	15.608	204	1263362	42.596	ng	97
62) 4-Nitroaniline	15.643	138	495074	44.572	ng	97
63) Azobenzene	15.902	77	2283234	43.808	ng	98
65) 4,6-Dinitro-2-methylph...	15.696	198	419522	47.122	ng	96
66) n-Nitrosodiphenylamine	15.825	169	2046174	47.885	ng	98
67) 4-Bromophenyl-phenylether	16.507	248	806924	45.633	ng	99
68) Hexachlorobenzene	16.624	284	935584	44.698	ng	99
69) Atrazine	16.777	200	818456	50.796	ng	98
70) Pentachlorophenol	16.965	266	1089885	96.600	ng	93
71) Phenanthrene	17.359	178	3603487	46.326	ng	99
72) Anthracene	17.453	178	3702978	47.681	ng	99
73) Carbazole	17.723	167	3303005	45.114	ng	99
74) Di-n-butylphthalate	18.281	149	3537094	46.953	ng	100
75) Fluoranthene	19.374	202	4069257	43.555	ng	99
77) Benzidine	19.556	184	1782526	52.834	ng	99
78) Pyrene	19.738	202	4215572	42.508	ng	99
80) Butylbenzylphthalate	20.626	149	1717639	50.343	ng	99
81) Benzo(a)anthracene	21.566	228	4362732	45.379	ng	99
82) 3,3'-Dichlorobenzidine	21.483	252	948636	25.766	ng	99
83) Chrysene	21.630	228	4120985	43.584	ng	100
84) Bis(2-ethylhexyl)phtha...	21.472	149	2559715	49.648	ng	97
85) Di-n-octyl phthalate	22.664	149	4309184	51.577	ng	99
87) Indeno(1,2,3-cd)pyrene	28.370	276	5346358	44.680	ng	# 93
88) Benzo(b)fluoranthene	23.751	252	4557101	44.824	ng	98
89) Benzo(k)fluoranthene	23.816	252	4479337	44.649	ng	99
90) Benzo(a)pyrene	24.603	252	4181748	45.533	ng	98
91) Dibenzo(a,h)anthracene	28.434	278	4304931	44.053	ng	99
92) Benzo(g,h,i)perylene	29.498	276	4186405	41.799	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

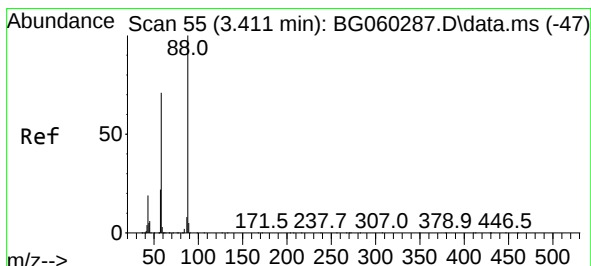
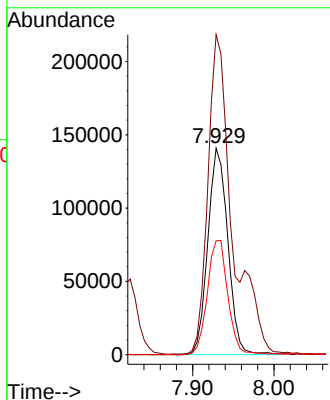
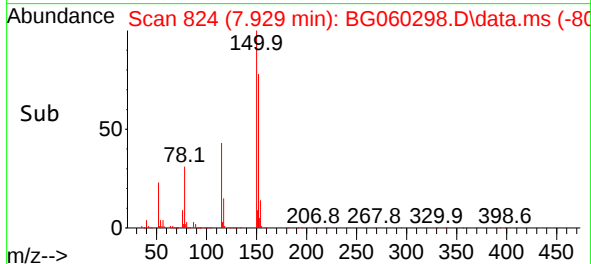
Instrument :
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SP-A-COMP(0-8)MSD



Tgt Ion:152 Resp: 241472
Ion Ratio Lower Upper
152 100
150 155.0 114.5 171.7
115 55.2 43.0 64.6

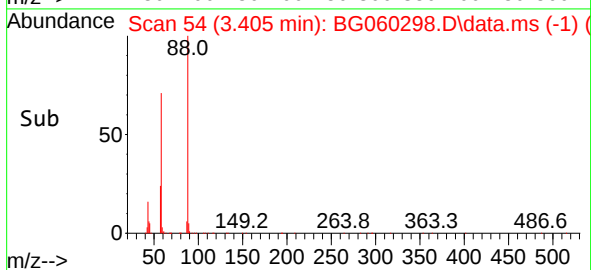
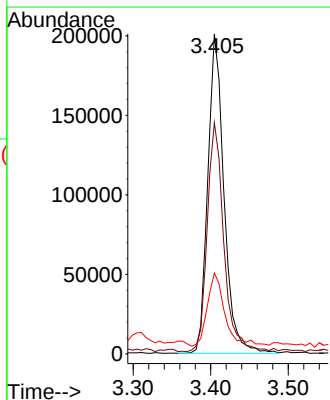
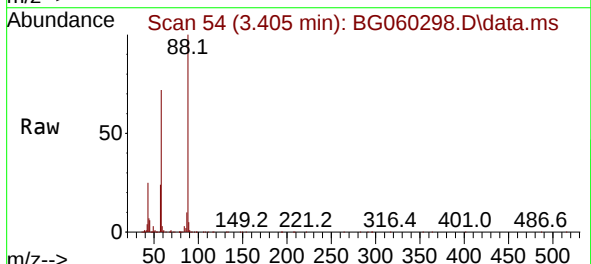
Manual Integrations
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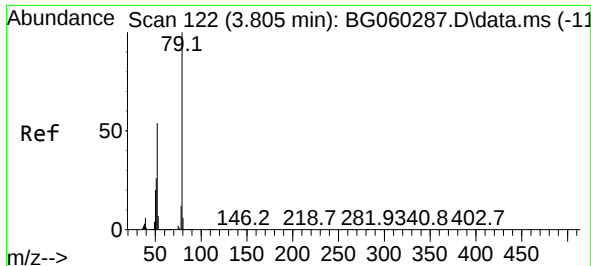
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#2
1,4-Dioxane
Concen: 43.527 ng
RT: 3.405 min Scan# 54
Delta R.T. -0.007 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

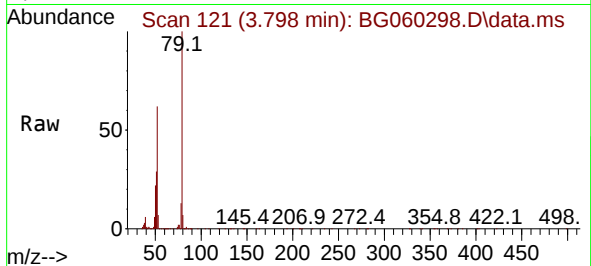
Tgt Ion: 88 Resp: 291903
Ion Ratio Lower Upper
88 100
58 72.9 55.9 83.9
43 24.7 16.6 24.8





#3
Pyridine
Concen: 40.094 ng
RT: 3.798 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

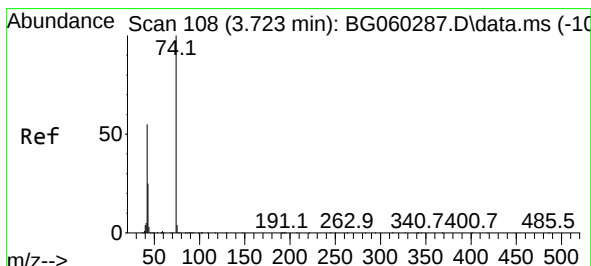
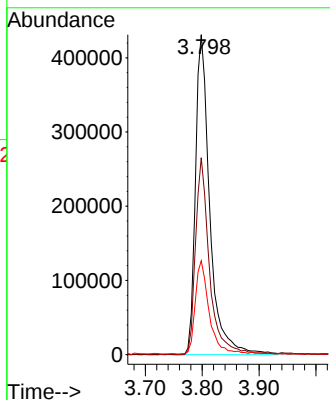
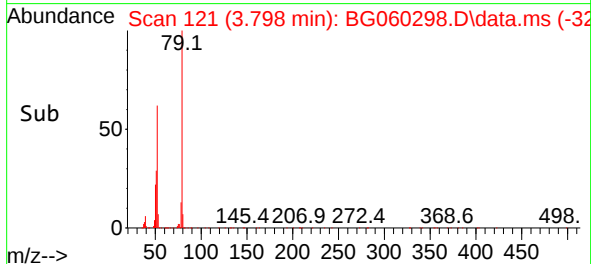
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD



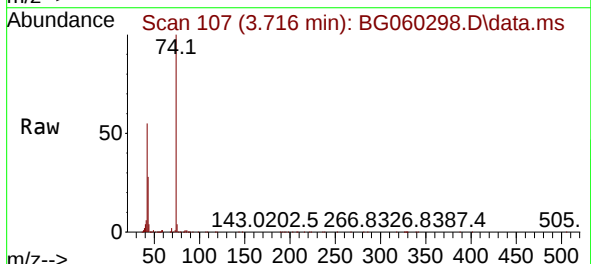
Tgt Ion: 79 Resp: 758629
Ion Ratio Lower Upper
79 100
52 61.6 43.2 64.8
51 29.4 21.4 32.2

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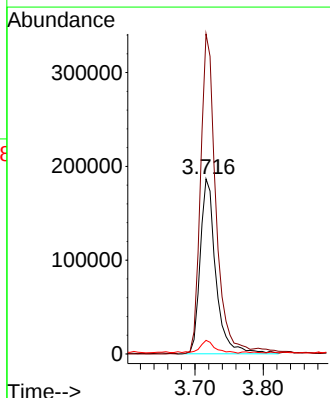
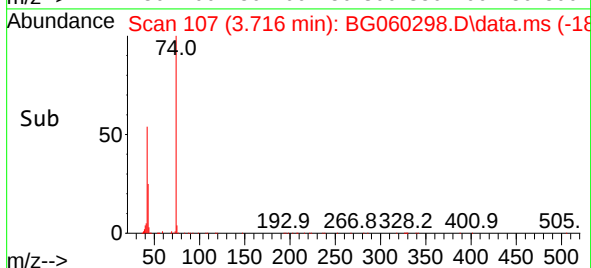
Reviewed By :Yogesh Patel 01/11/2024
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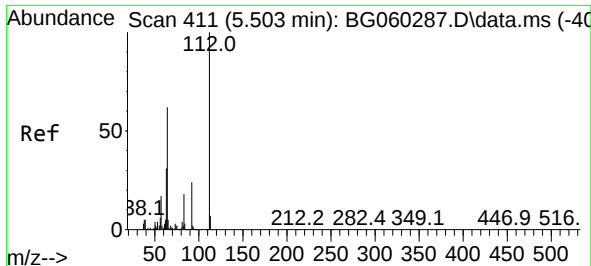


#4
n-Nitrosodimethylamine
Concen: 50.362 ng
RT: 3.716 min Scan# 107
Delta R.T. -0.007 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55



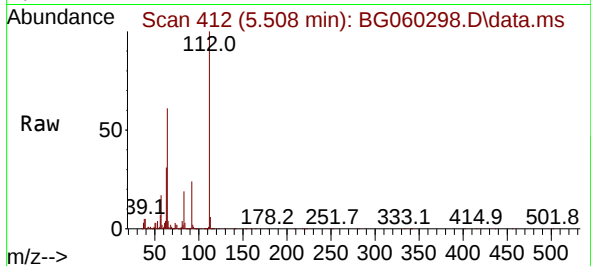
Tgt Ion: 42 Resp: 298223
Ion Ratio Lower Upper
42 100
74 182.9 145.1 217.7
44 7.8 5.2 7.8#





#5
2-Fluorophenol
Concen: 110.887 ng
RT: 5.508 min Scan# 411
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

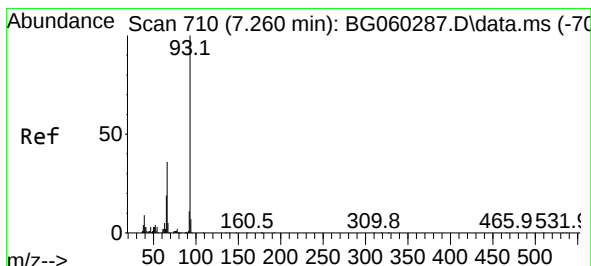
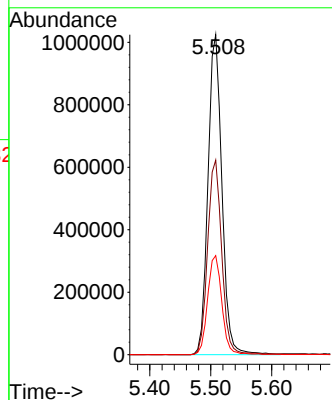
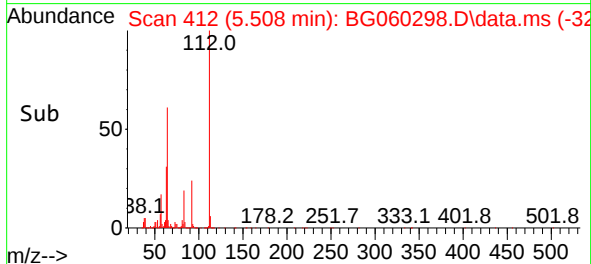
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Tgt Ion: 112 Resp: 162794
Ion Ratio Lower Upper
112 100
64 60.8 49.8 74.6
63 31.0 24.4 36.6

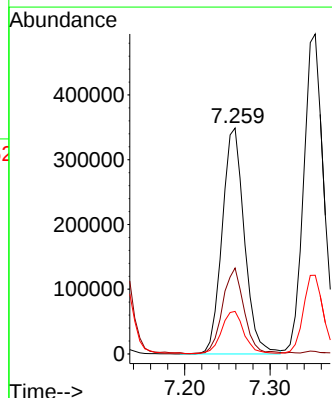
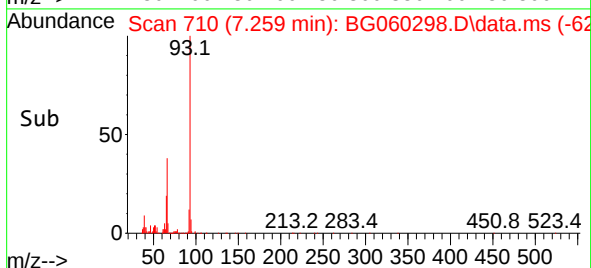
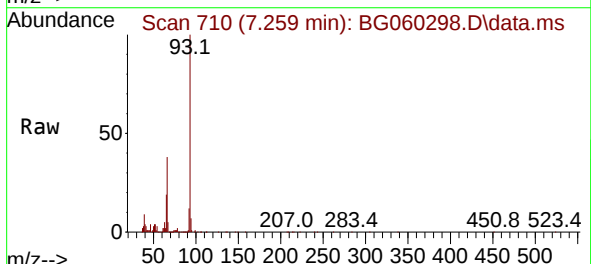
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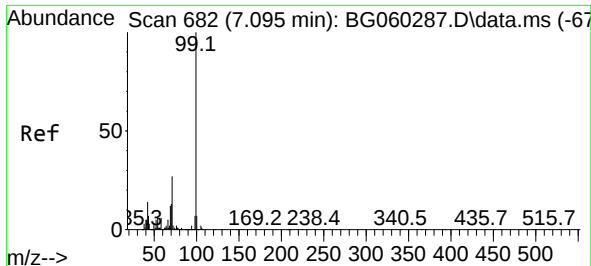
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#6
Aniline
Concen: 29.103 ng
RT: 7.259 min Scan# 710
Delta R.T. -0.001 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

Tgt Ion: 93 Resp: 632386
Ion Ratio Lower Upper
93 100
66 38.1 29.0 43.4
65 18.9 15.1 22.7





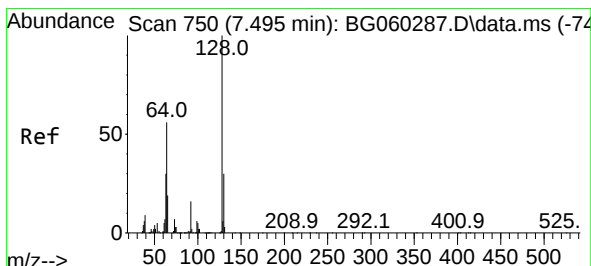
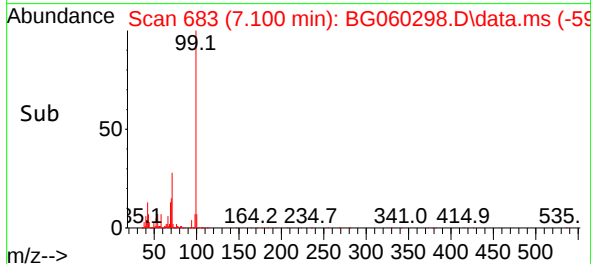
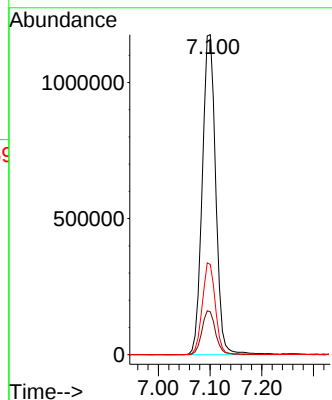
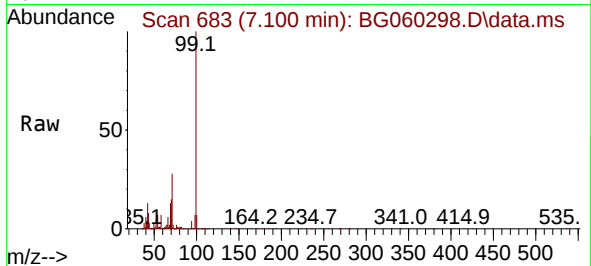
#7
Phenol-d6
Concen: 97.512 ng
RT: 7.100 min Scan# 682
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

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ClientSampleId :
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Tgt Ion: 99 Resp: 211983
Ion Ratio Lower Upper
99 100
42 13.4 10.9 16.3
71 28.2 21.5 32.3

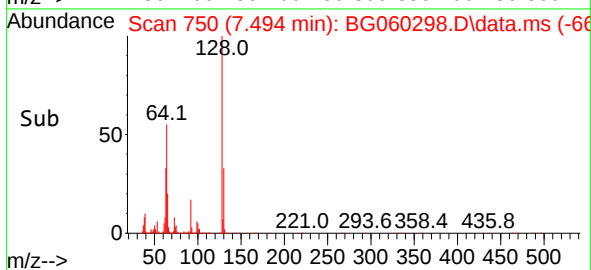
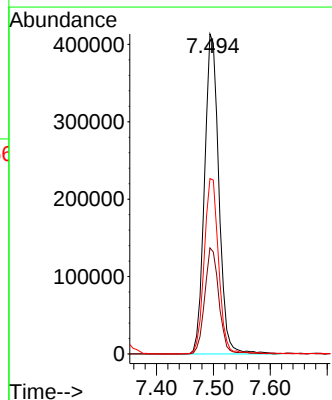
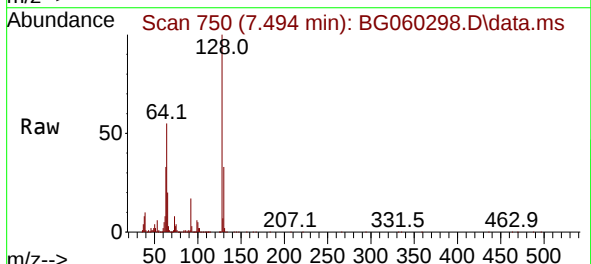
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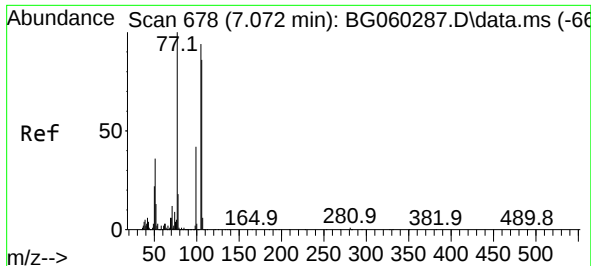
Reviewed By :Yogesh Patel 01/11/2024
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#8
2-Chlorophenol
Concen: 49.712 ng
RT: 7.494 min Scan# 750
Delta R.T. -0.001 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

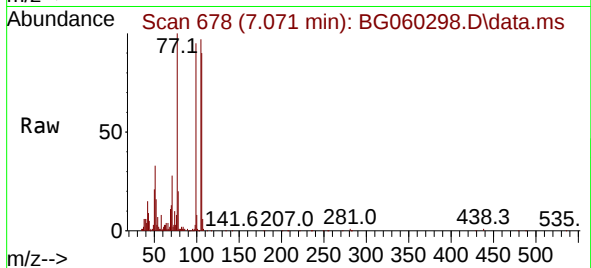
Tgt Ion:128 Resp: 723297
Ion Ratio Lower Upper
128 100
130 33.1 9.9 49.9
64 54.8 37.8 77.8





#9
Benzaldehyde
Concen: 11.622 ng m
RT: 7.071 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

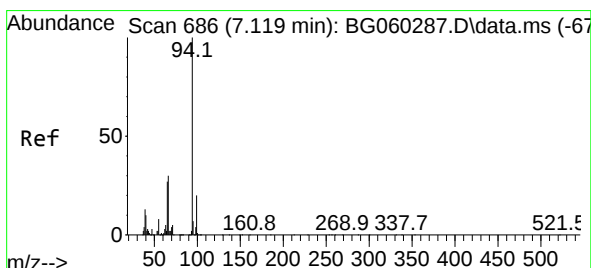
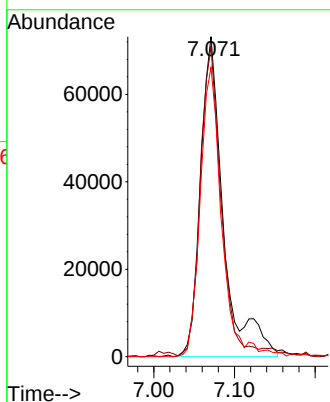
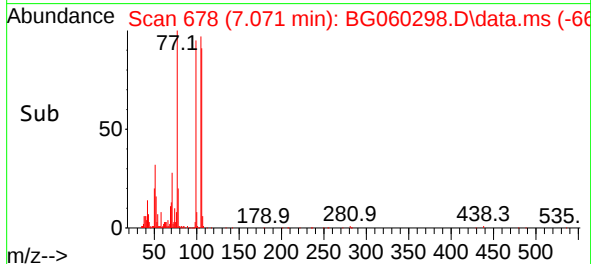
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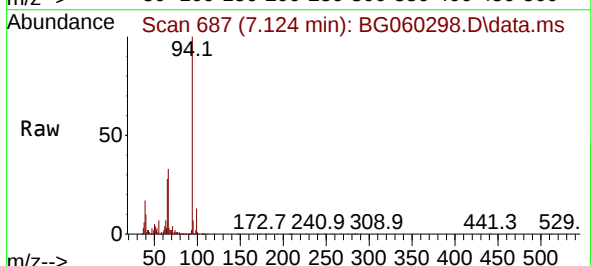
Tgt Ion: 77 Resp: 14502
Ion Ratio Lower Upper
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105 97.0 73.6 113.6
106 90.4 66.2 106.2

Manual Integrations
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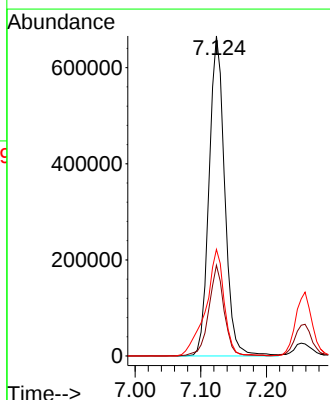
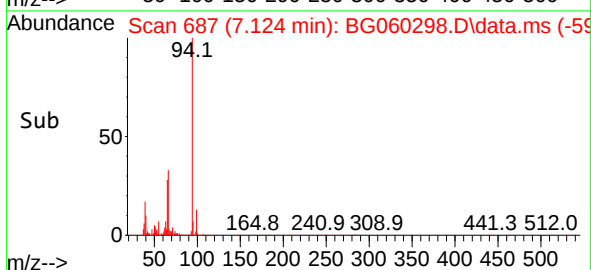
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

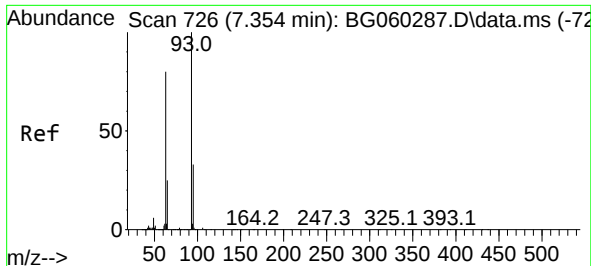


#10
Phenol
Concen: 50.649 ng
RT: 7.124 min Scan# 687
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55



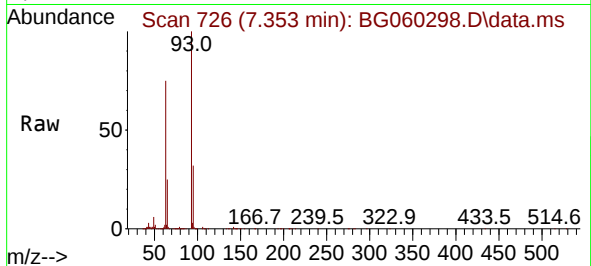
Tgt Ion: 94 Resp: 1103968
Ion Ratio Lower Upper
94 100
65 28.4 6.7 46.7
66 33.3 10.6 50.6





#11
bis(2-Chloroethyl)ether
Concen: 45.439 ng
RT: 7.353 min Scan# 726
Delta R.T. -0.001 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

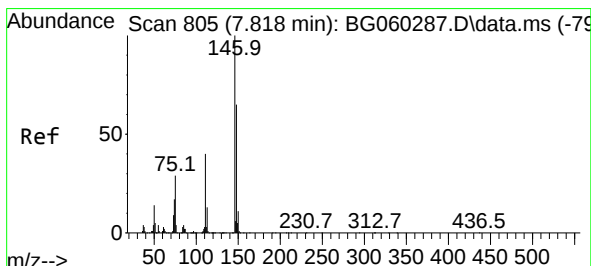
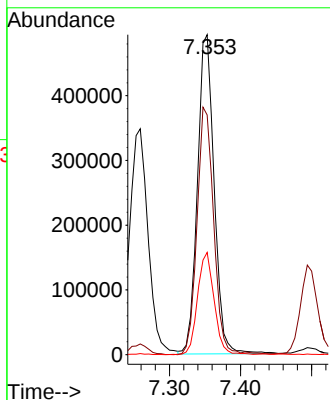
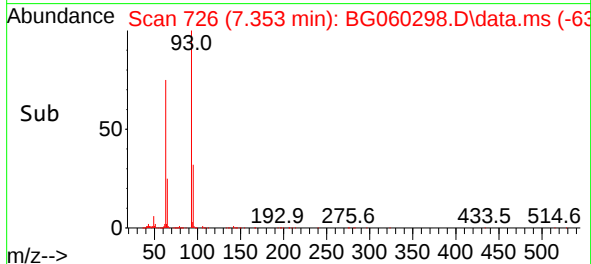
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD



Tgt Ion: 93 Resp: 807038
Ion Ratio Lower Upper
93 100
63 74.9 59.3 99.3
95 32.0 12.8 52.8

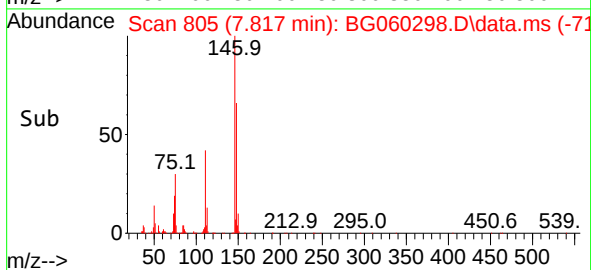
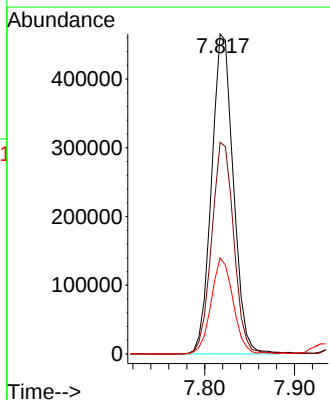
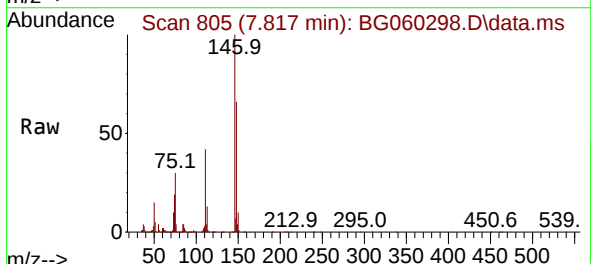
Manual Integrations
APPROVED

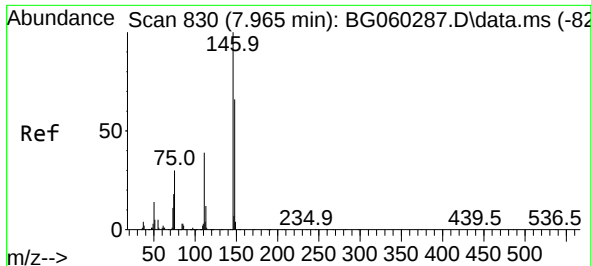
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#12
1,3-Dichlorobenzene
Concen: 42.966 ng
RT: 7.817 min Scan# 805
Delta R.T. -0.001 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

Tgt Ion:146 Resp: 784675
Ion Ratio Lower Upper
146 100
148 66.2 52.3 78.5
75 30.0 22.9 34.3





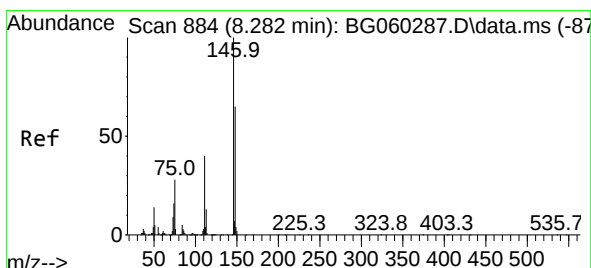
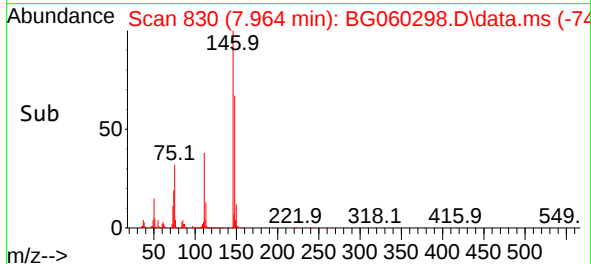
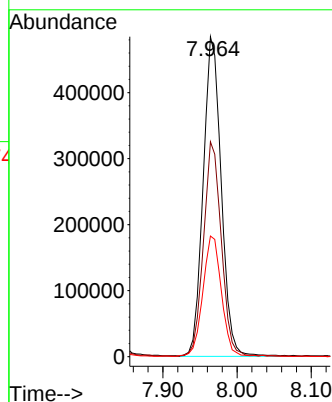
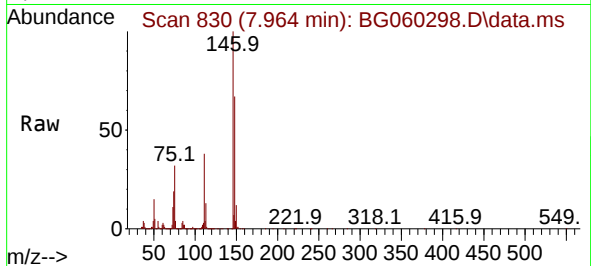
#13
1,4-Dichlorobenzene
Concen: 44.161 ng
RT: 7.964 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD

Tgt Ion:146 Resp: 818280
Ion Ratio Lower Upper
146 100
148 67.2 52.7 79.1
111 37.7 31.4 47.0

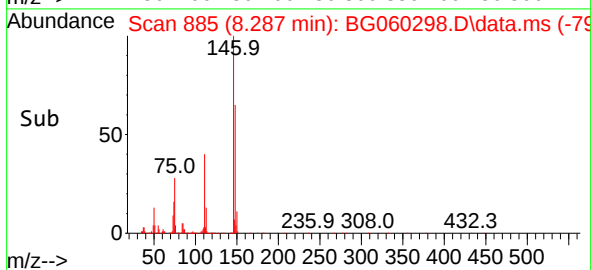
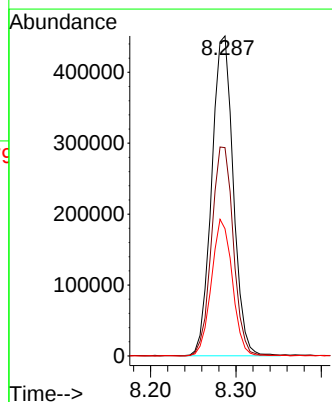
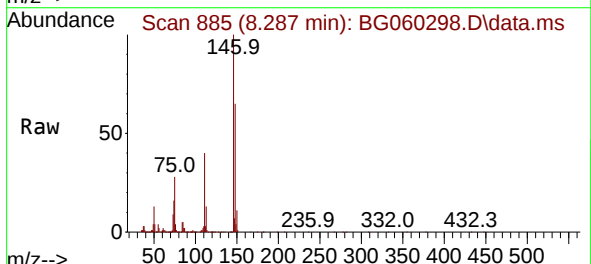
Manual Integrations
APPROVED

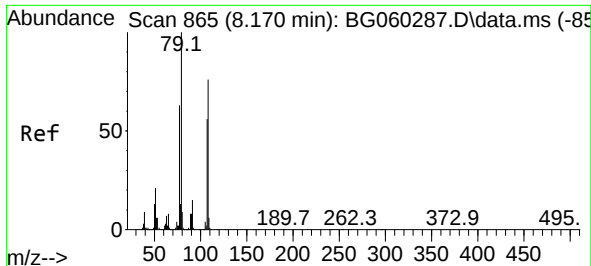
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#14
1,2-Dichlorobenzene
Concen: 41.583 ng
RT: 8.287 min Scan# 885
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

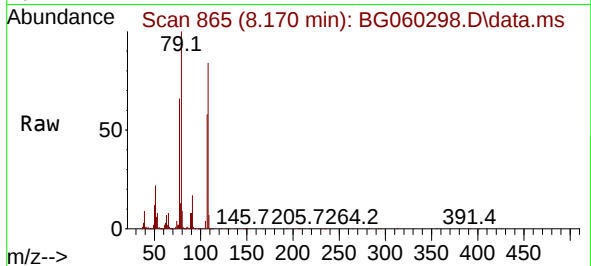
Tgt Ion:146 Resp: 792301
Ion Ratio Lower Upper
146 100
148 65.1 51.8 77.8
111 39.8 32.6 48.8





#15
Benzyl Alcohol
Concen: 50.155 ng
RT: 8.170 min Scan# 865
Delta R.T. -0.001 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

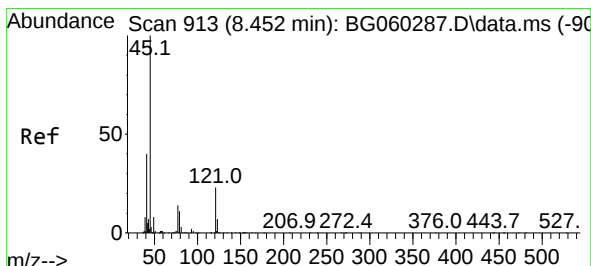
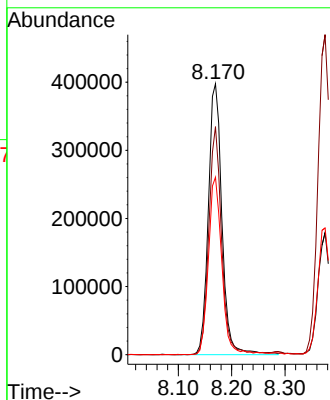
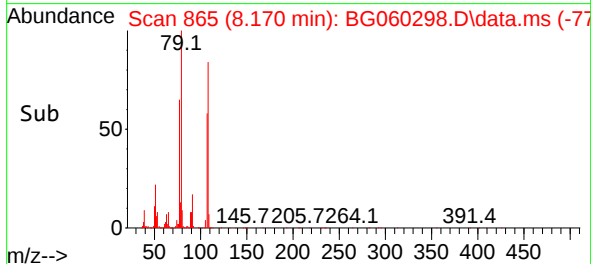
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD



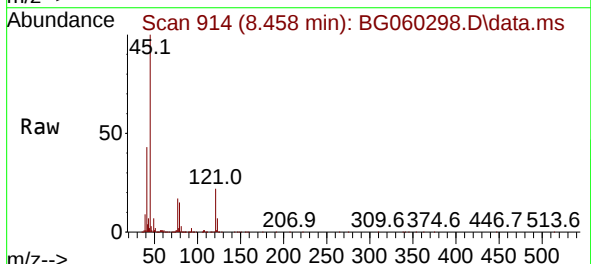
Tgt Ion: 79 Resp: 70579
Ion Ratio Lower Upper
79 100
108 84.2 61.2 91.8
77 65.5 50.3 75.5

Manual Integrations
APPROVED

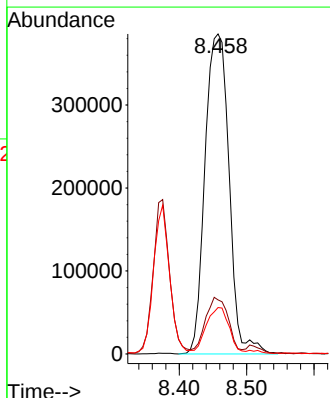
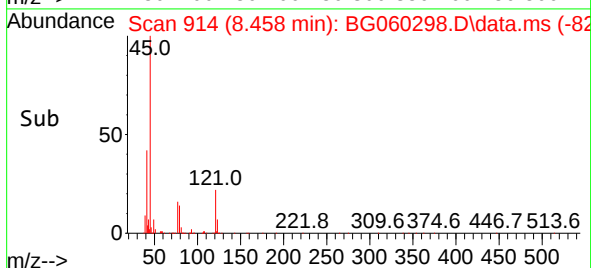
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

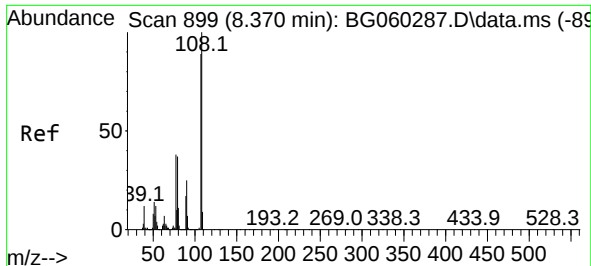


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.369 ng m
RT: 8.458 min Scan# 914
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55



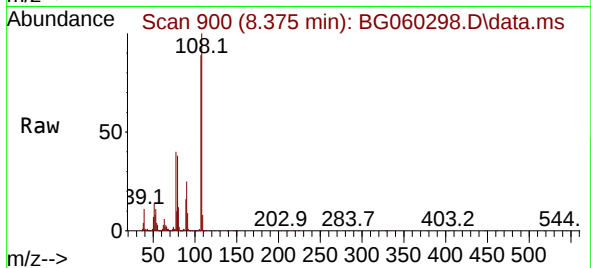
Tgt Ion: 45 Resp: 956458
Ion Ratio Lower Upper
45 100
77 16.9 0.0 37.3
79 14.5 0.0 34.0





#17
2-Methylphenol
Concen: 48.043 ng
RT: 8.375 min Scan# 900
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

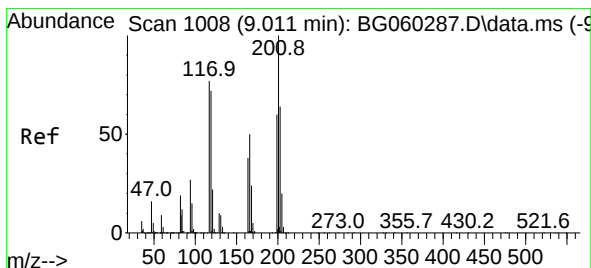
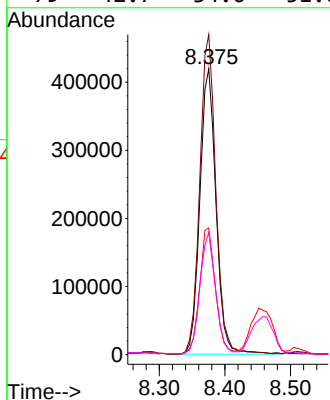
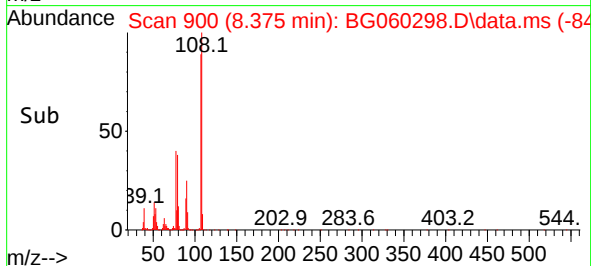
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD



Tgt Ion:107 Resp: 719238
Ion Ratio Lower Upper
107 100
108 111.9 90.5 135.7
77 44.3 35.0 52.6
79 42.7 34.0 51.0

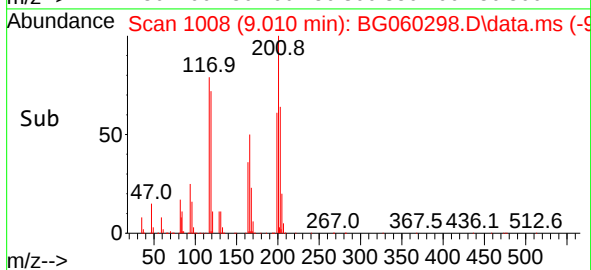
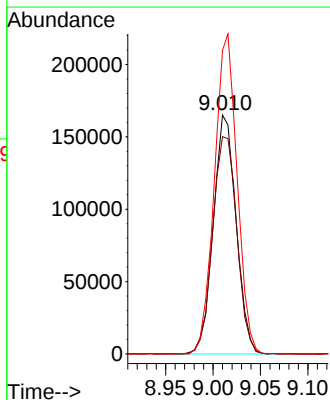
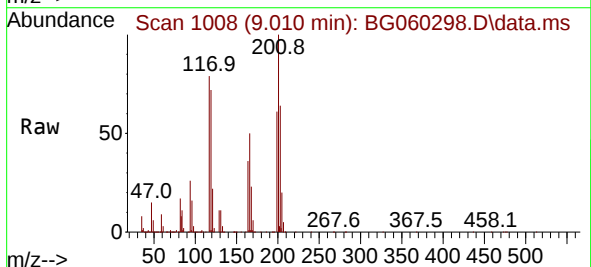
Manual Integrations
APPROVED

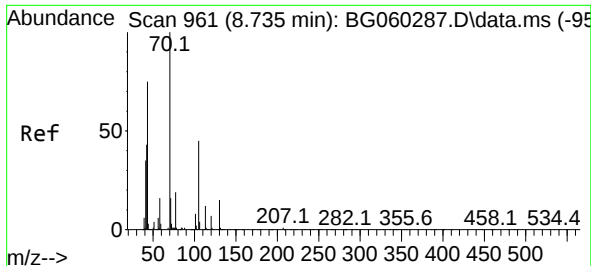
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#18
Hexachloroethane
Concen: 42.579 ng
RT: 9.010 min Scan# 1008
Delta R.T. -0.001 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

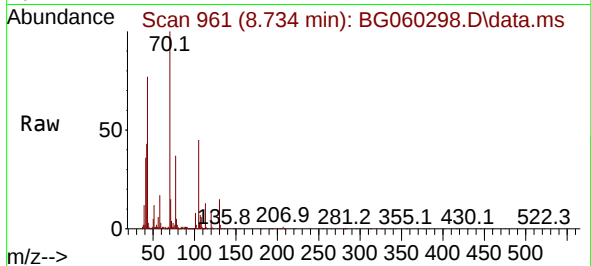
Tgt Ion:117 Resp: 276625
Ion Ratio Lower Upper
117 100
119 91.0 74.5 111.7
201 127.1 106.3 159.5





#19
n-Nitroso-di-n-propylamine
Concen: 44.317 ng
RT: 8.734 min Scan# 90
Delta R.T. -0.001 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

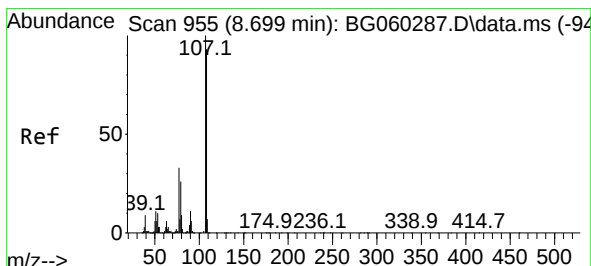
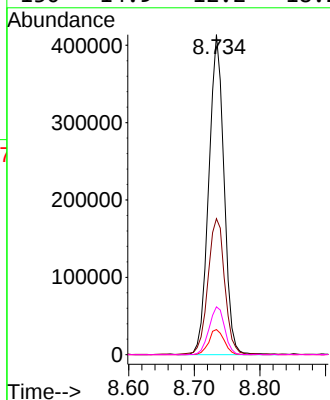
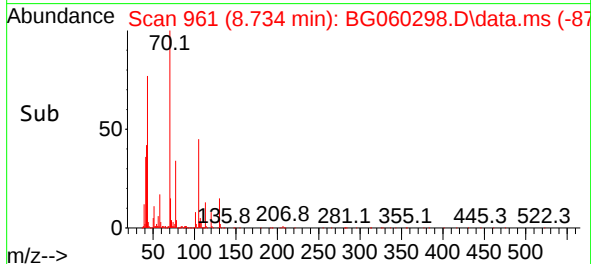
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD



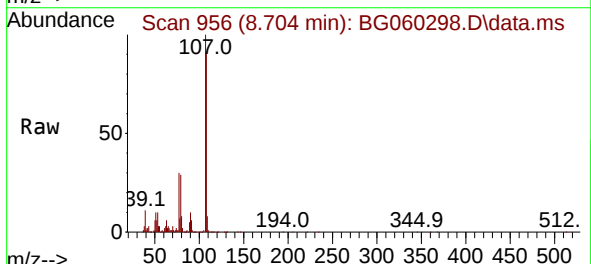
Tgt Ion: 70 Resp: 66678
Ion Ratio Lower Upper
70 100
42 42.5 34.3 51.5
101 7.8 6.2 9.2
130 14.9 12.2 18.2

Manual Integrations
APPROVED

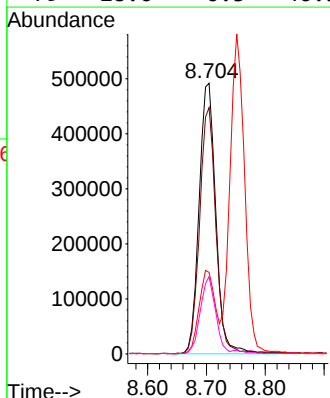
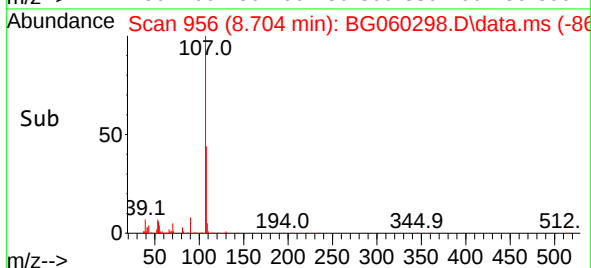
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#20
3+4-Methylphenols
Concen: 47.950 ng
RT: 8.704 min Scan# 956
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55



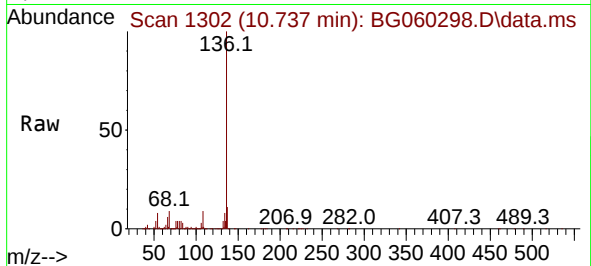
Tgt Ion:107 Resp: 967862
Ion Ratio Lower Upper
107 100
108 91.0 72.5 112.5
77 30.1 13.0 53.0
79 28.6 6.3 46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 1301
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

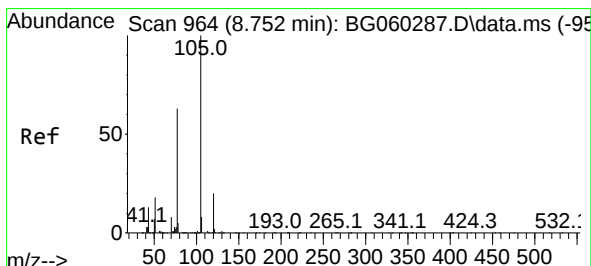
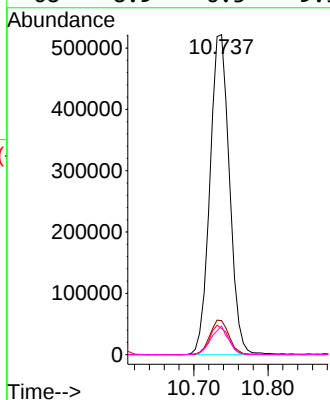
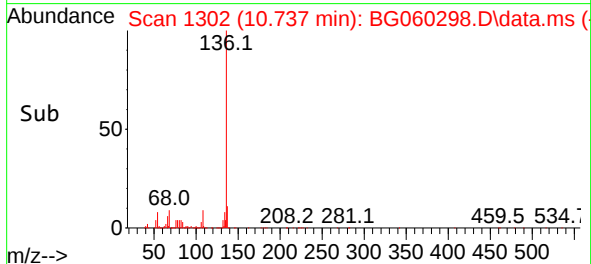
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD



Tgt Ion:136 Resp: 954699
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.4
54 8.2 6.2 9.2
68 8.9 6.3 9.5

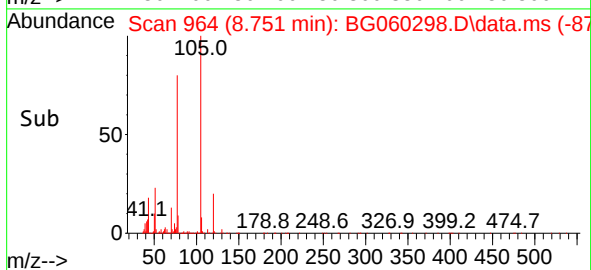
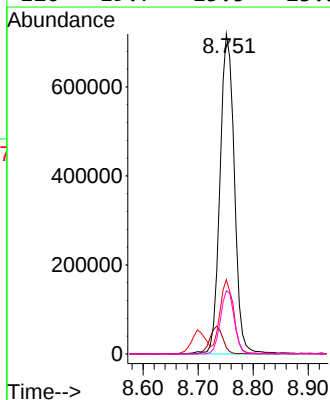
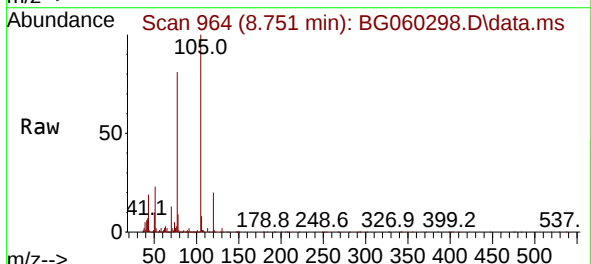
Manual Integrations
APPROVED

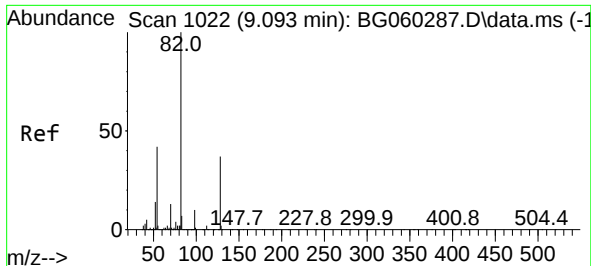
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#22
Acetophenone
Concen: 49.770 ng
RT: 8.751 min Scan# 964
Delta R.T. -0.001 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

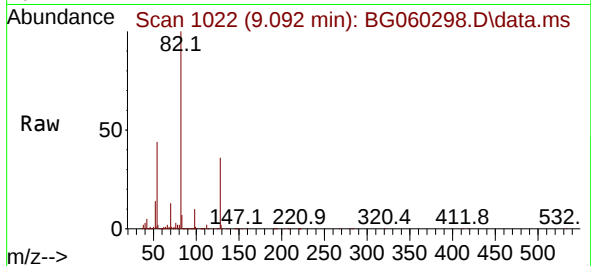
Tgt Ion:105 Resp: 1306128
Ion Ratio Lower Upper
105 100
71 2.0 1.7 2.5
51 23.2 18.2 27.2
120 19.7 15.5 23.3





#23
Nitrobenzene-d5
Concen: 63.097 ng
RT: 9.092 min Scan# 1022
Delta R.T. -0.001 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

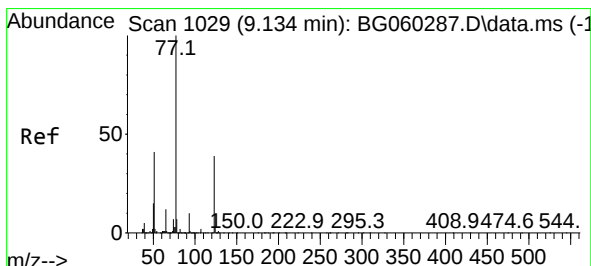
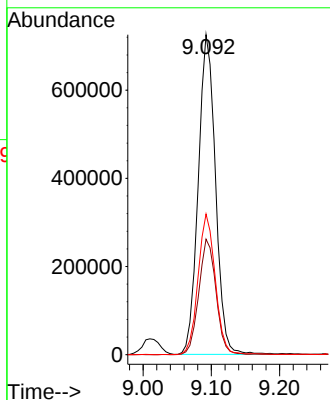
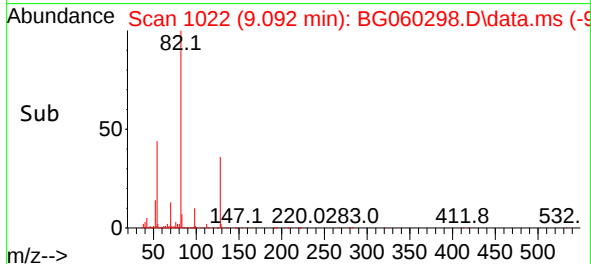
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD



Tgt Ion: 82 Resp: 127570
Ion Ratio Lower Upper
82 100
128 36.1 29.6 44.4
54 43.9 33.6 50.4

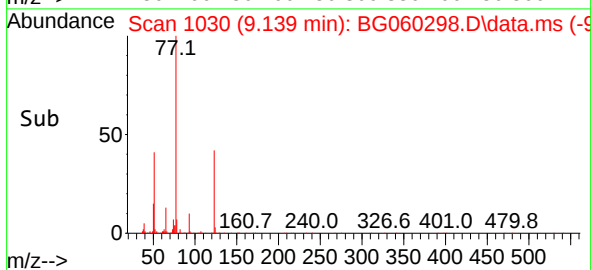
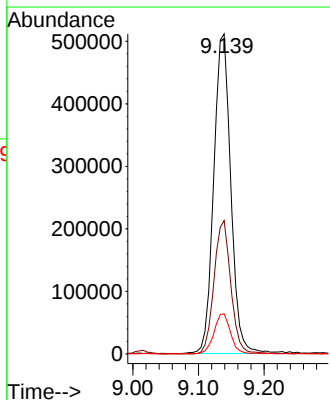
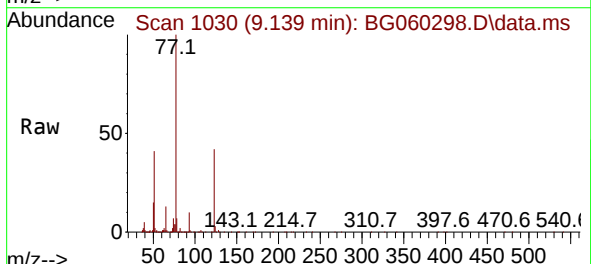
Manual Integrations
APPROVED

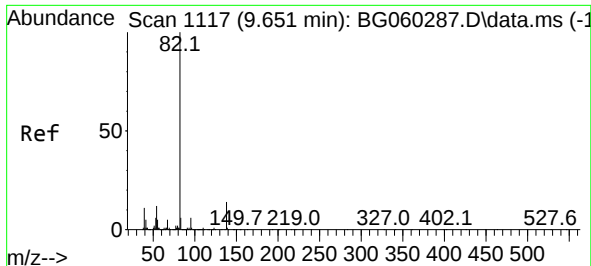
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#24
Nitrobenzene
Concen: 43.984 ng
RT: 9.139 min Scan# 1030
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

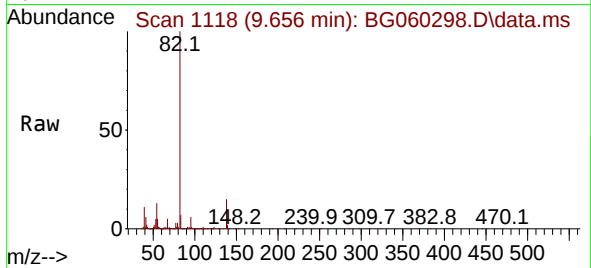
Tgt Ion: 77 Resp: 921864
Ion Ratio Lower Upper
77 100
123 41.7 31.4 47.0
65 12.6 9.6 14.4





#25
Isophorone
Concen: 44.402 ng
RT: 9.656 min Scan# 1117
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

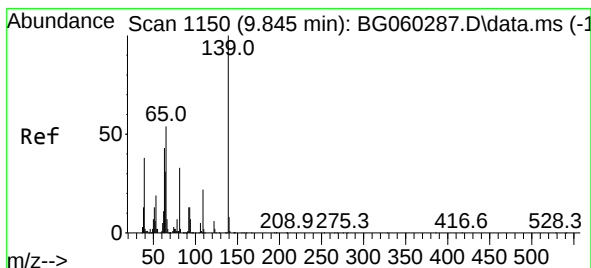
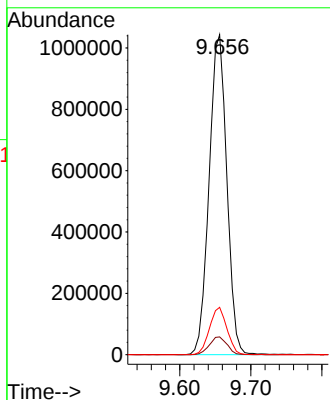
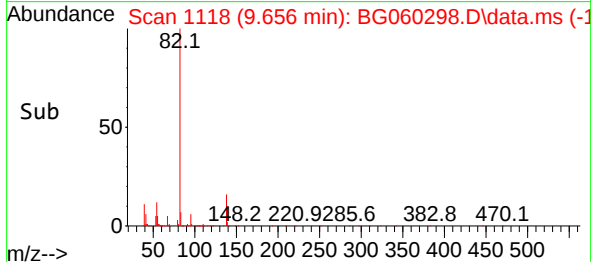
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD



Tgt Ion: 82 Resp: 1802828
Ion Ratio Lower Upper
82 100
95 5.5 4.7 7.1
138 14.8 11.1 16.7

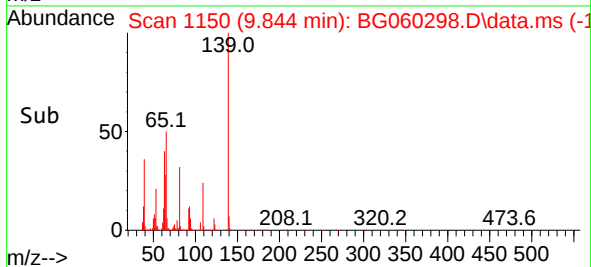
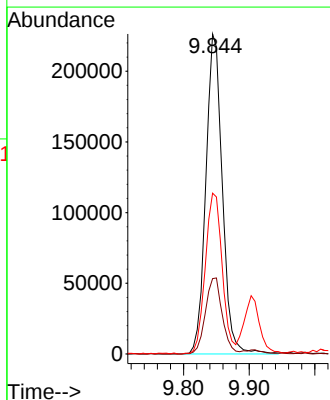
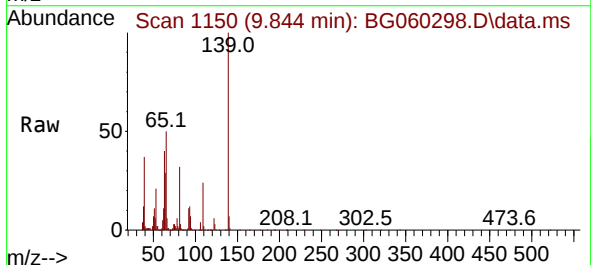
Manual Integrations
APPROVED

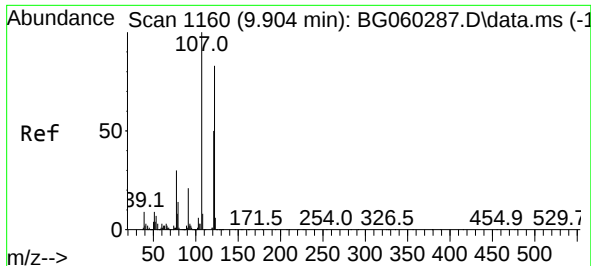
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#26
2-Nitrophenol
Concen: 51.327 ng
RT: 9.844 min Scan# 1150
Delta R.T. -0.001 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

Tgt Ion:139 Resp: 395530
Ion Ratio Lower Upper
139 100
109 23.6 17.6 26.4
65 50.3 43.6 65.4





#27

2,4-Dimethylphenol

Concen: 60.663 ng

RT: 9.903 min Scan# 1160

Delta R.T. -0.001 min

Lab File: BG060298.D

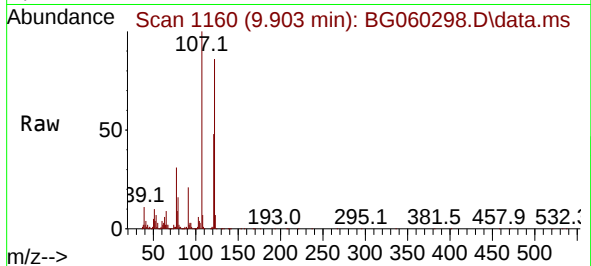
Acq: 10 Jan 2024 12:55

Instrument :

BNA_G

ClientSampleId :

SP-A-COMP(0-8)MSD



Tgt Ion:122 Resp: 617709

Ion Ratio Lower Upper

122 100

107 116.7 95.4 143.0

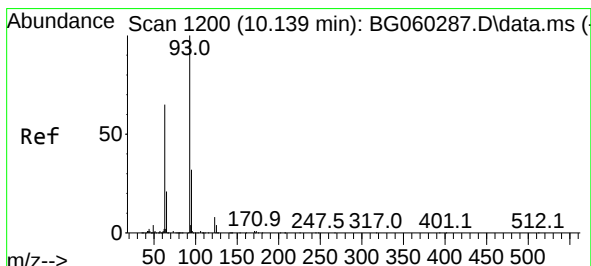
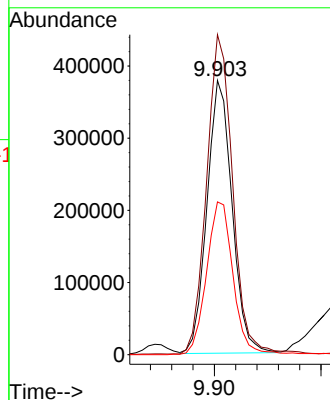
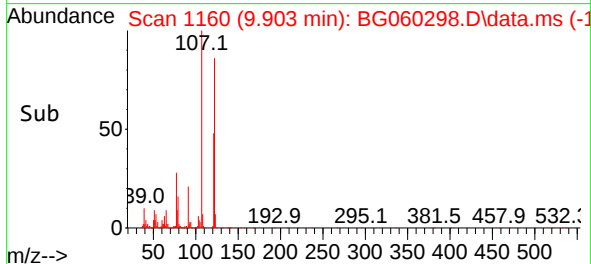
121 55.7 47.7 71.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#28

bis(2-Chloroethoxy)methane

Concen: 45.637 ng

RT: 10.138 min Scan# 1200

Delta R.T. -0.001 min

Lab File: BG060298.D

Acq: 10 Jan 2024 12:55

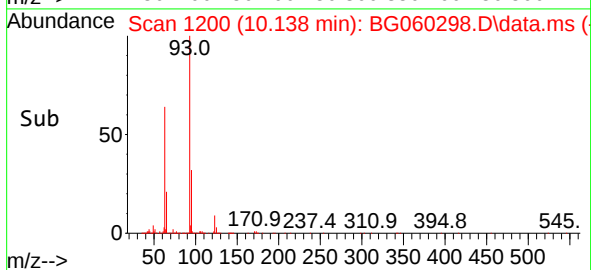
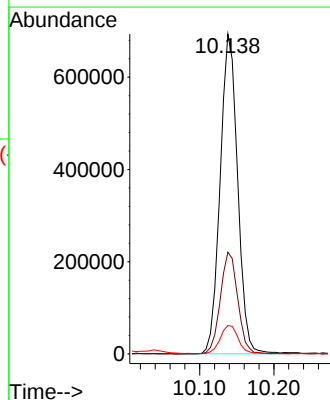
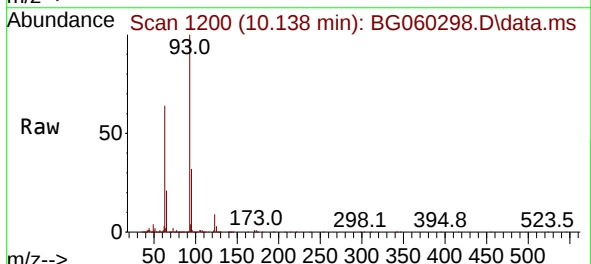
Tgt Ion: 93 Resp: 1132164

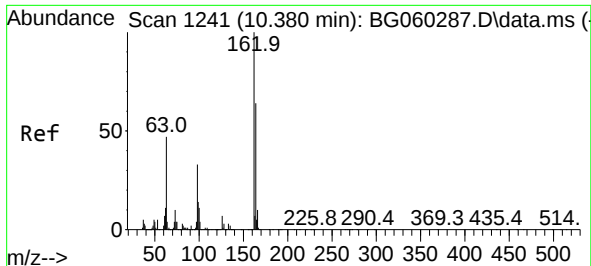
Ion Ratio Lower Upper

93 100

95 31.8 25.4 38.0

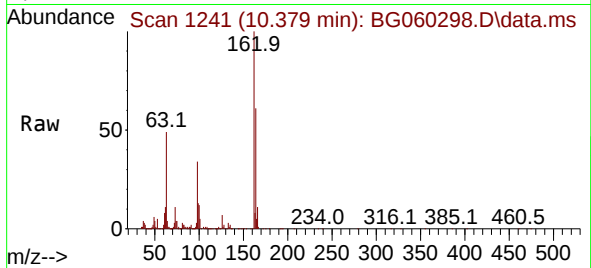
123 8.9 6.7 10.1





#29
2,4-Dichlorophenol
Concen: 51.833 ng
RT: 10.379 min Scan# 1241
Delta R.T. -0.001 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

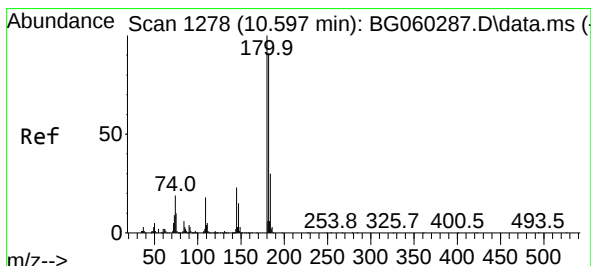
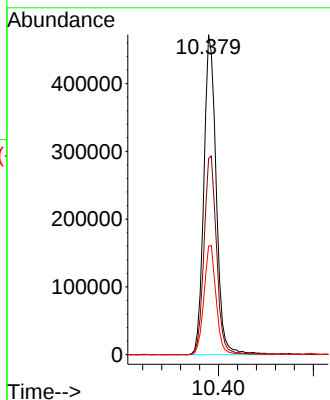
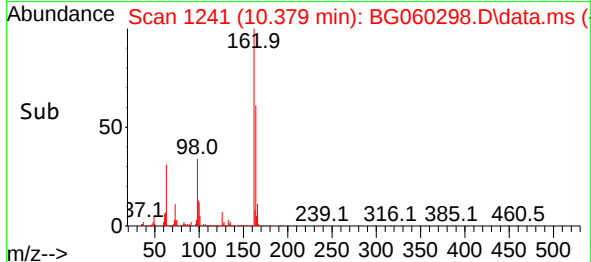
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD



Tgt Ion:162 Resp: 85529
Ion Ratio Lower Upper
162 100
164 61.3 44.3 84.3
98 34.0 13.4 53.4

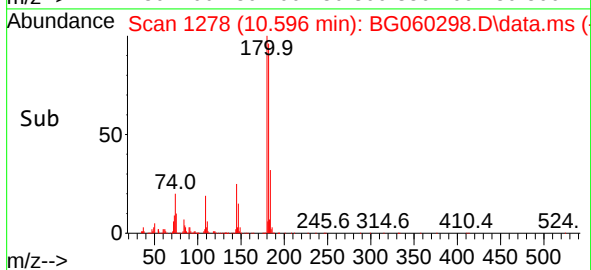
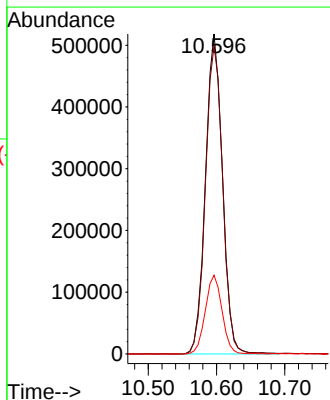
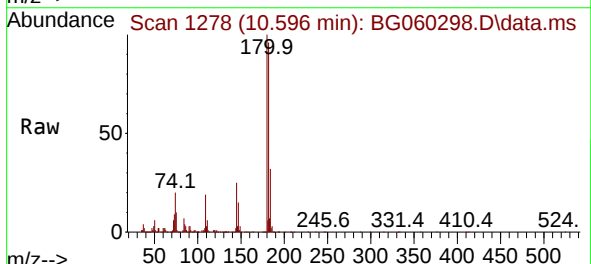
Manual Integrations
APPROVED

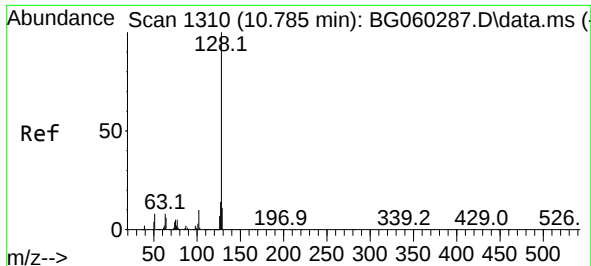
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#30
1,2,4-Trichlorobenzene
Concen: 43.783 ng
RT: 10.596 min Scan# 1278
Delta R.T. -0.001 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

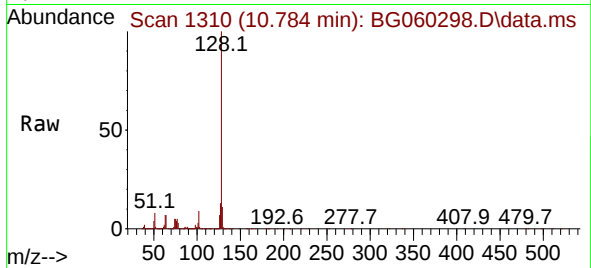
Tgt Ion:180 Resp: 898816
Ion Ratio Lower Upper
180 100
182 96.1 72.7 109.1
145 24.6 18.2 27.2





#31
Naphthalene
Concen: 43.852 ng
RT: 10.784 min Scan# 1183
Delta R.T. -0.001 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

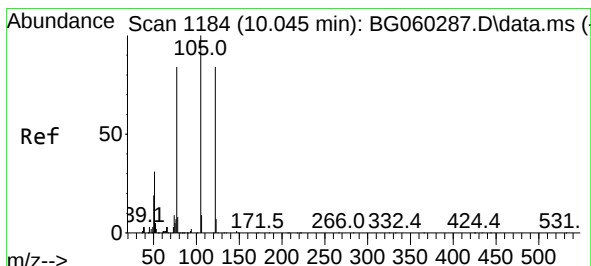
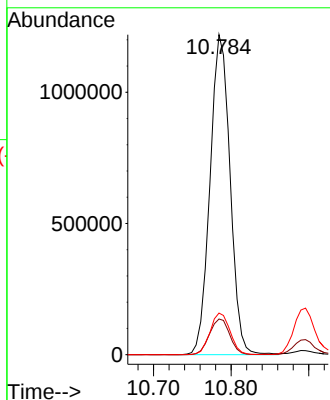
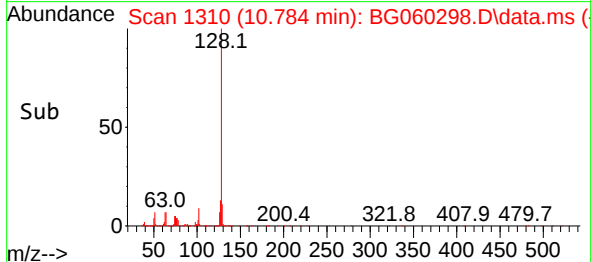
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD



Tgt Ion:128 Resp: 219454
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.0 10.9 16.3

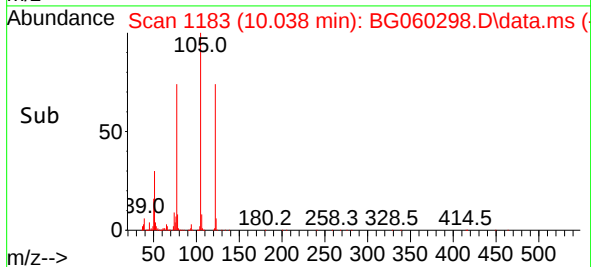
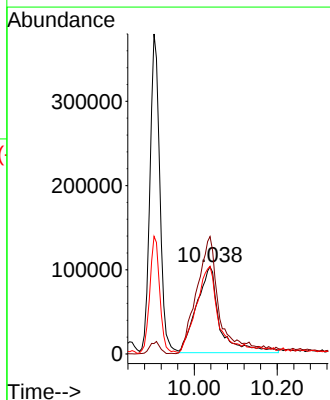
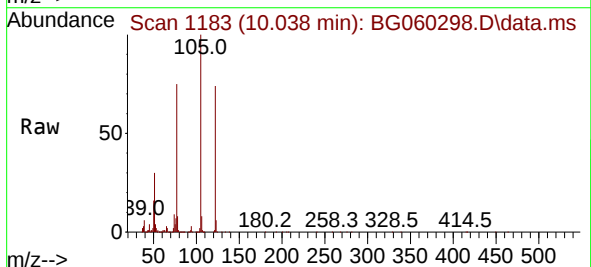
Manual Integrations
APPROVED

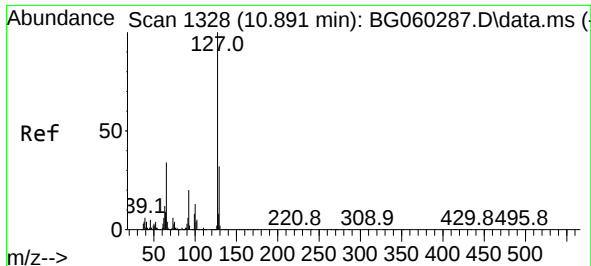
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#32
Benzoic acid
Concen: 44.883 ng m
RT: 10.038 min Scan# 1183
Delta R.T. -0.007 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

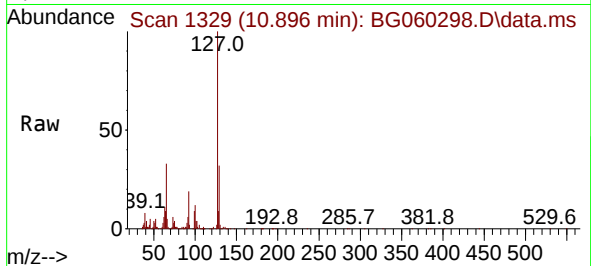
Tgt Ion:122 Resp: 396040
Ion Ratio Lower Upper
122 100
105 134.7 96.0 136.0
77 100.7 80.1 120.1





#33
4-Chloroaniline
Concen: 18.150 ng
RT: 10.896 min Scan# 1329
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

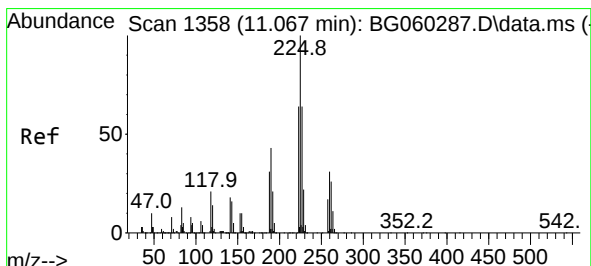
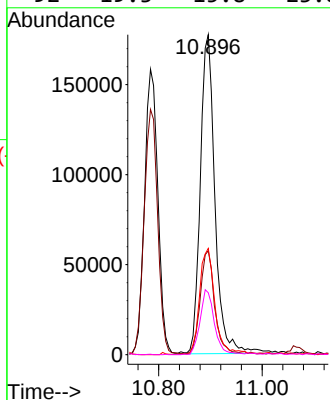
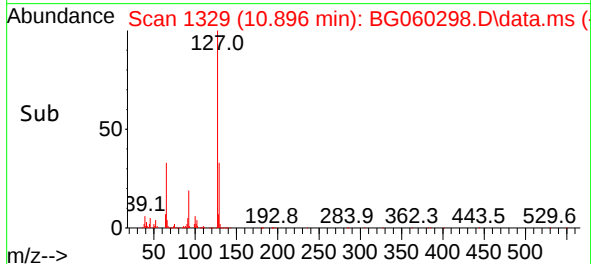
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD



Tgt Ion:127 Resp: 34997
Ion Ratio Lower Upper
127 100
129 32.4 25.5 38.3
65 33.2 27.5 41.3
92 19.3 15.8 23.8

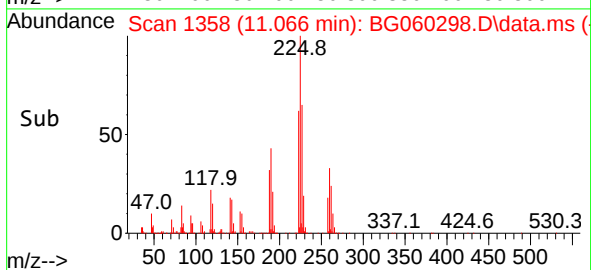
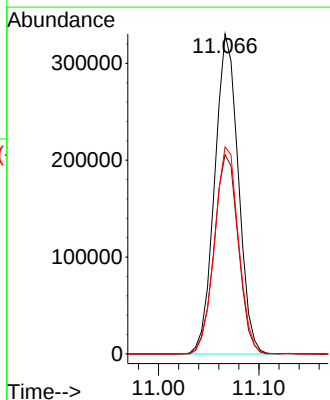
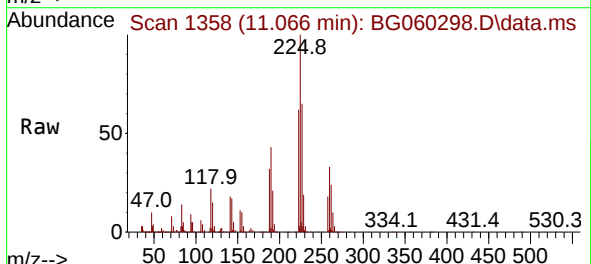
Manual Integrations
APPROVED

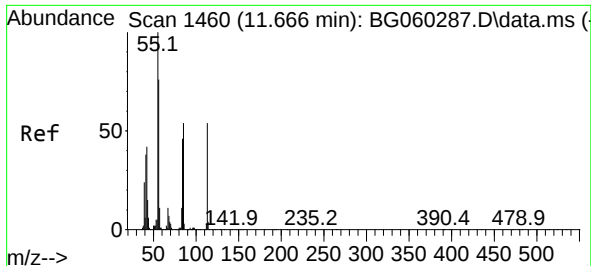
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#34
Hexachlorobutadiene
Concen: 40.290 ng
RT: 11.066 min Scan# 1358
Delta R.T. -0.001 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

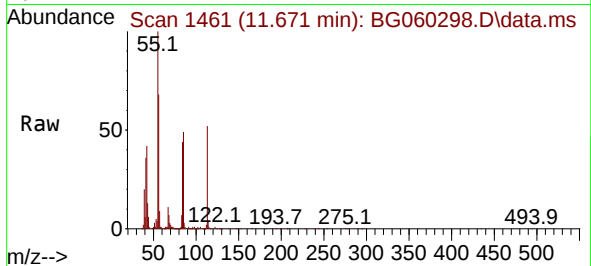
Tgt Ion:225 Resp: 538795
Ion Ratio Lower Upper
225 100
223 62.3 48.7 73.1
227 64.7 48.7 73.1





#35
Caprolactam
Concen: 52.139 ng m
RT: 11.671 min Scan# 14
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

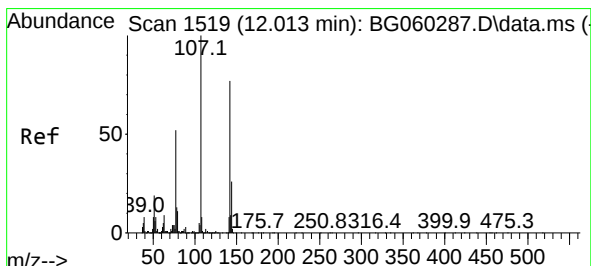
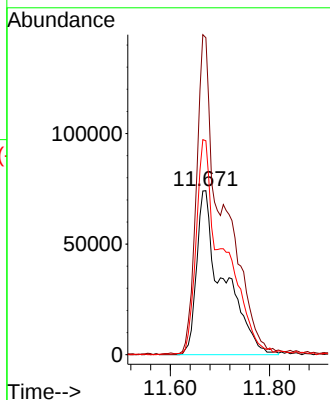
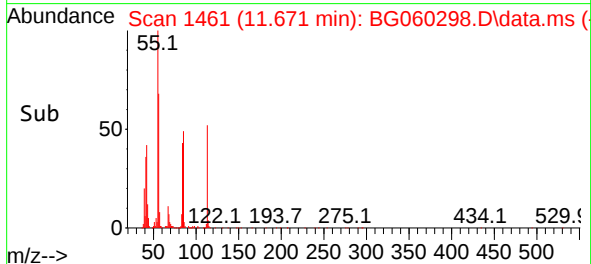
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD



Tgt Ion:113 Resp: 27710
Ion Ratio Lower Upper
113 100
55 193.4 166.4 206.4
56 130.5 121.0 161.0

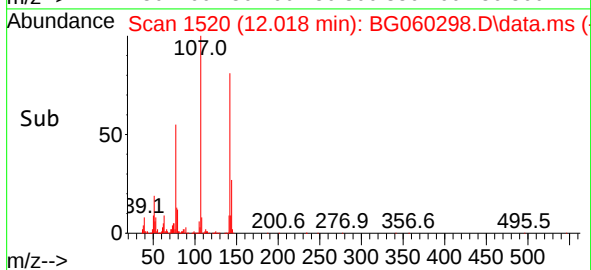
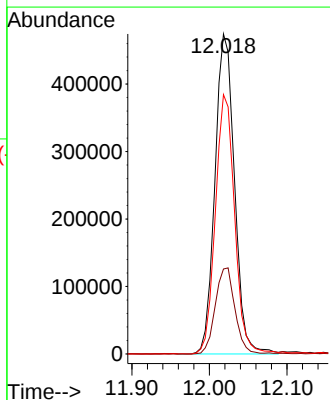
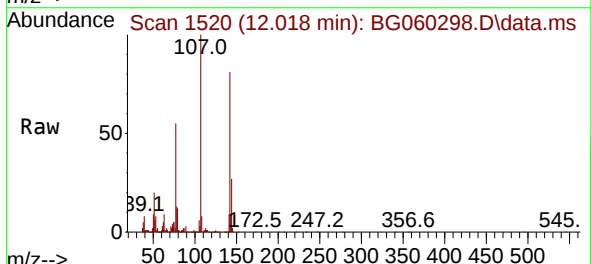
Manual Integrations
APPROVED

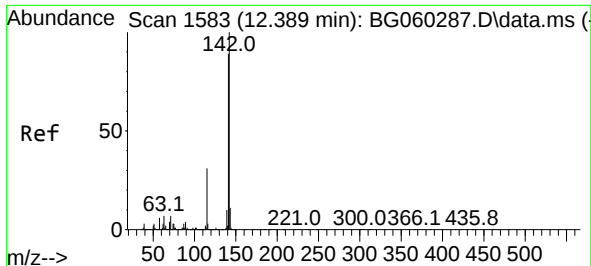
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#36
4-Chloro-3-methylphenol
Concen: 49.584 ng
RT: 12.018 min Scan# 1520
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

Tgt Ion:107 Resp: 831190
Ion Ratio Lower Upper
107 100
144 26.5 20.6 31.0
142 81.0 61.5 92.3





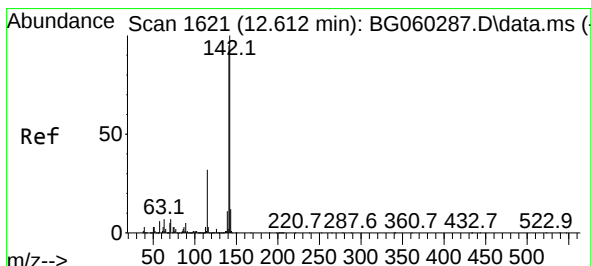
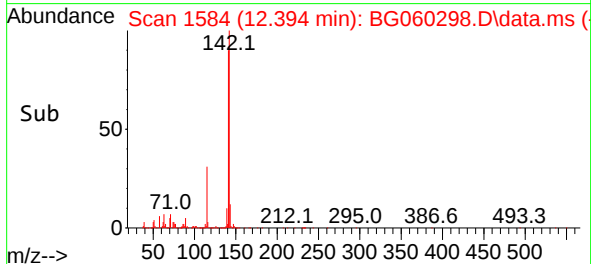
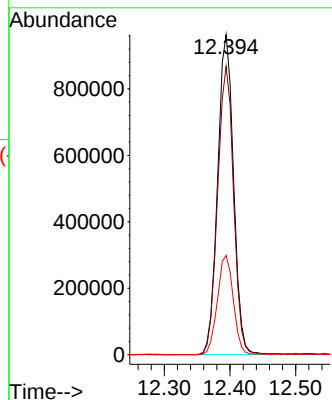
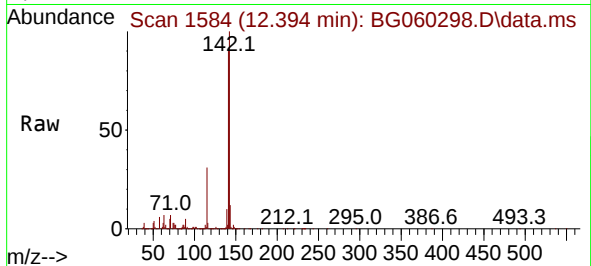
#37
2-Methylnaphthalene
Concen: 43.524 ng
RT: 12.394 min Scan# 1584
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD

Tgt Ion:142 Resp: 1615434
Ion Ratio Lower Upper
142 100
141 90.1 71.0 106.4
115 31.0 24.7 37.1

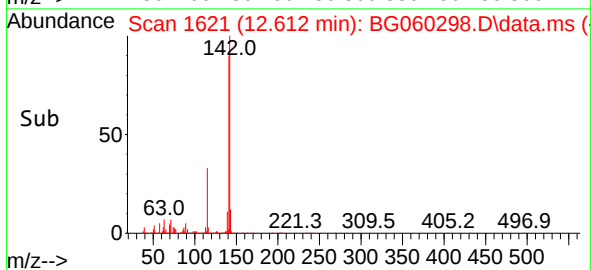
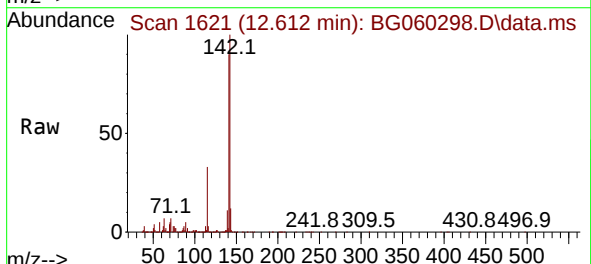
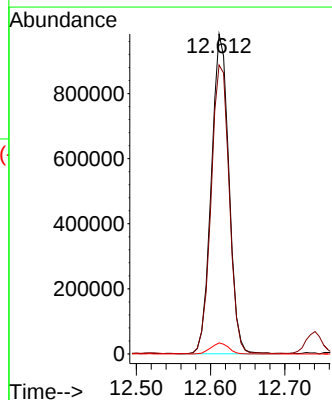
Manual Integrations
APPROVED

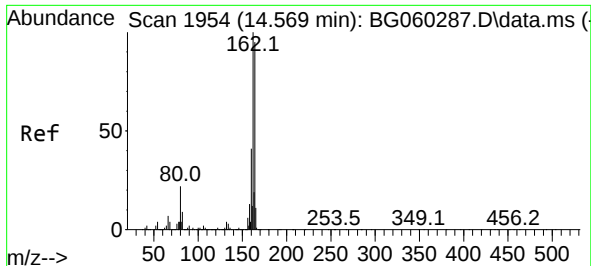
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#38
1-Methylnaphthalene
Concen: 43.354 ng
RT: 12.612 min Scan# 1621
Delta R.T. -0.001 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

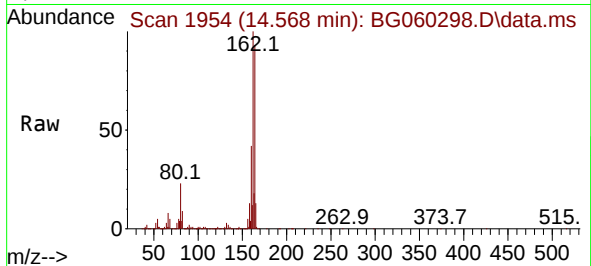
Tgt Ion:142 Resp: 1615834
Ion Ratio Lower Upper
142 100
141 90.3 76.2 114.2
116 3.5 2.6 3.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.001 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

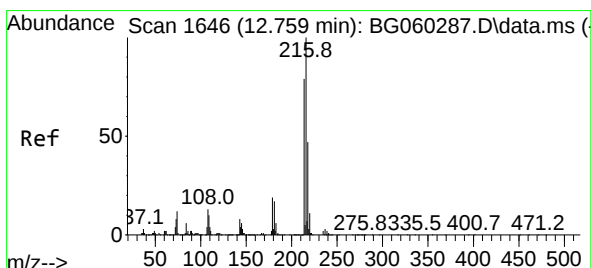
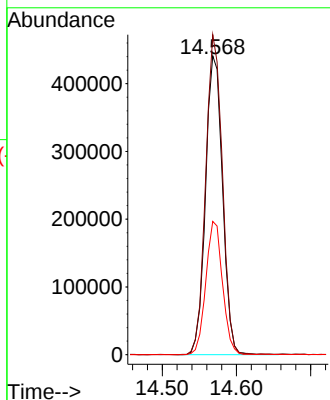
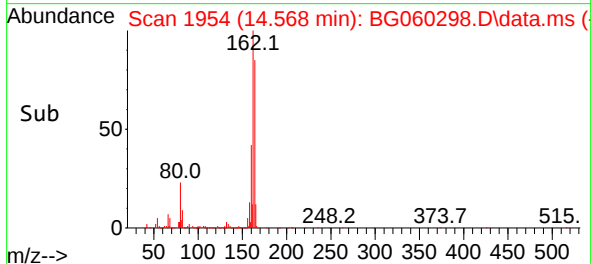
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD



Tgt Ion:164 Resp: 702384
Ion Ratio Lower Upper
164 100
162 107.0 84.4 126.6
160 44.6 34.6 52.0

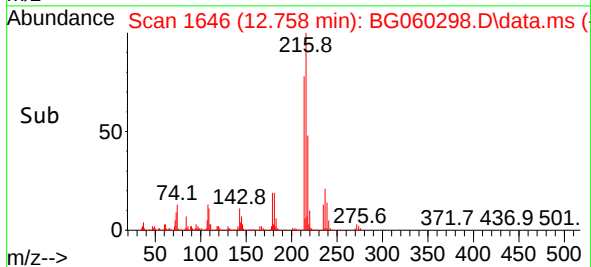
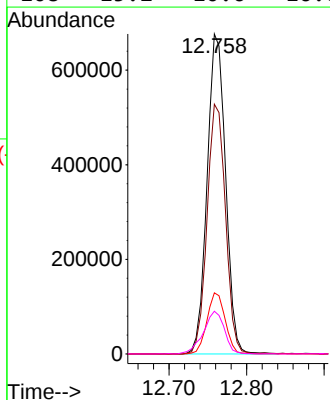
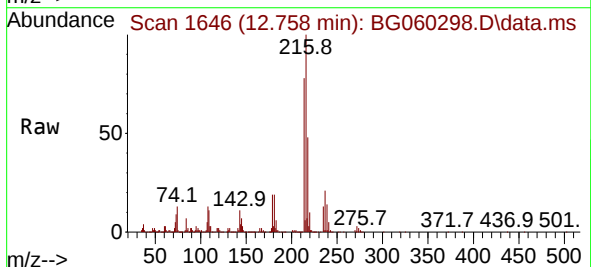
Manual Integrations
APPROVED

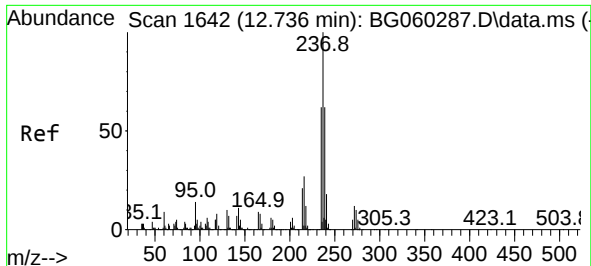
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.933 ng
RT: 12.758 min Scan# 1646
Delta R.T. -0.001 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

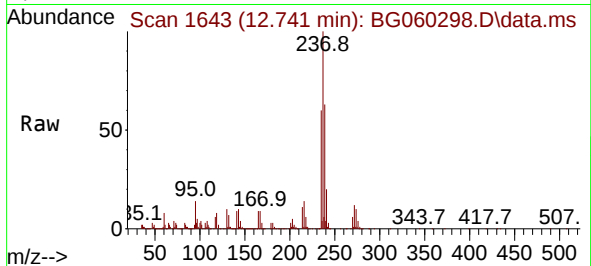
Tgt Ion:216 Resp: 1120860
Ion Ratio Lower Upper
216 100
214 77.7 62.6 93.8
179 18.8 14.8 22.2
108 15.2 10.6 16.0





#41
Hexachlorocyclopentadiene
Concen: 143.009 ng
RT: 12.741 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

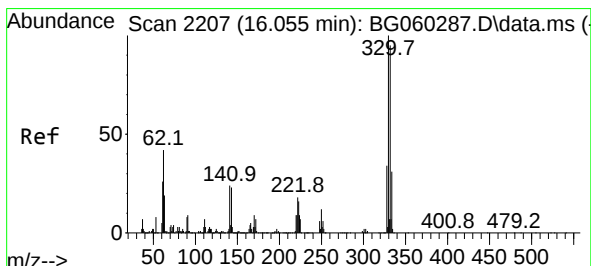
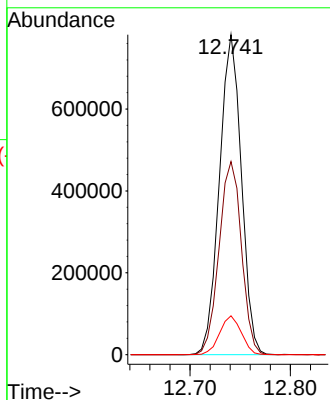
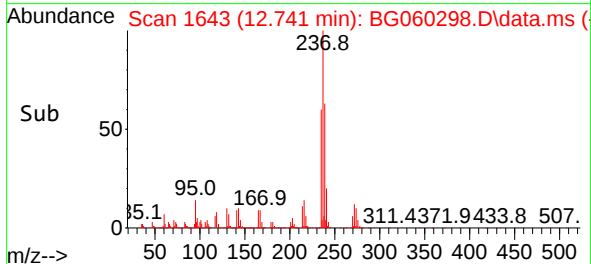
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD



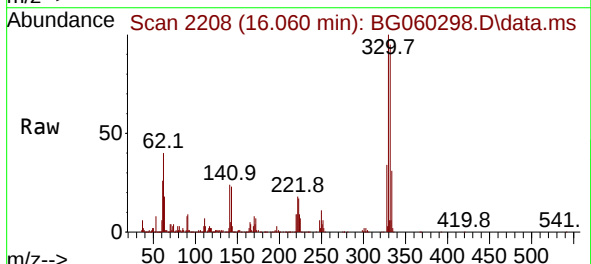
Tgt Ion:237 Resp: 1184410
Ion Ratio Lower Upper
237 100
235 60.4 41.6 81.6
272 12.2 0.0 31.8

Manual Integrations
APPROVED

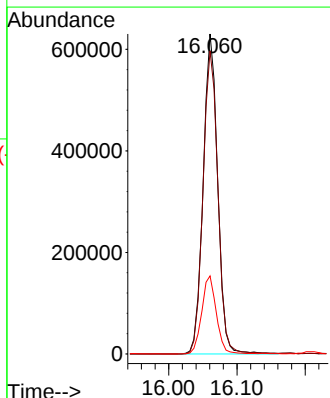
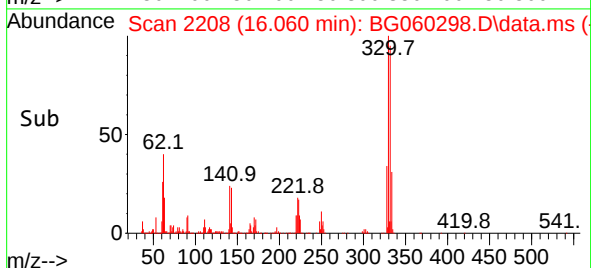
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

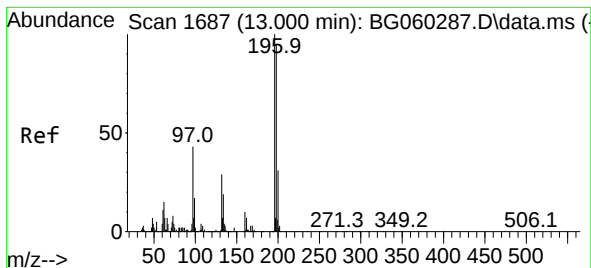


#42
2,4,6-Tribromophenol
Concen: 90.116 ng
RT: 16.060 min Scan# 2208
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55



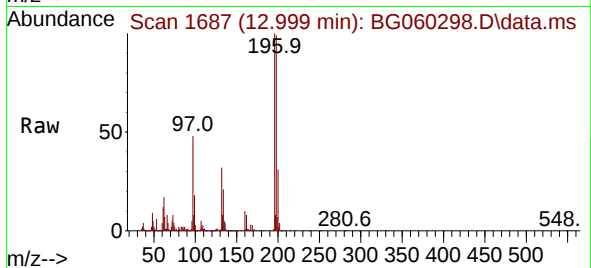
Tgt Ion:330 Resp: 931263
Ion Ratio Lower Upper
330 100
332 97.1 76.7 115.1
141 24.5 18.6 28.0





#43
2,4,6-Trichlorophenol
Concen: 47.273 ng
RT: 12.999 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

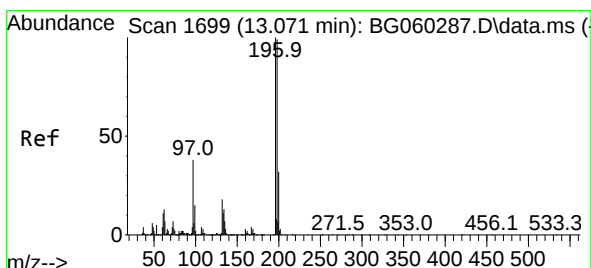
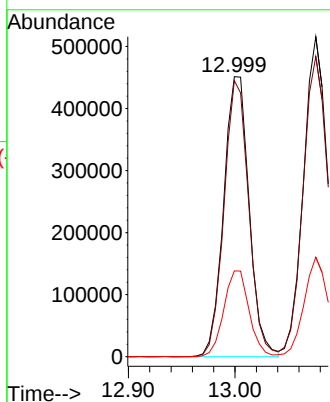
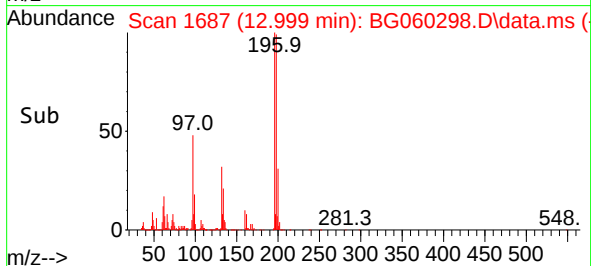
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD



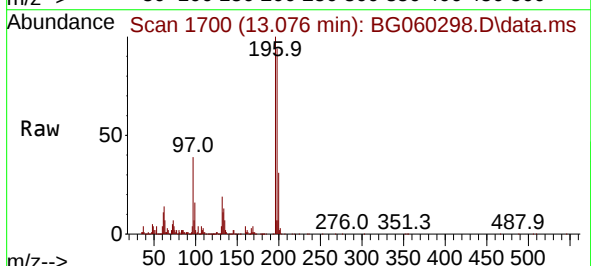
Tgt Ion:196 Resp: 750460
Ion Ratio Lower Upper
196 100
198 98.5 75.7 113.5
200 30.6 24.7 37.1

Manual Integrations
APPROVED

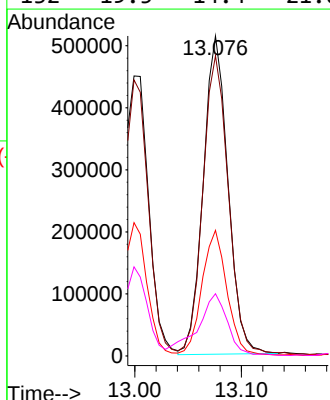
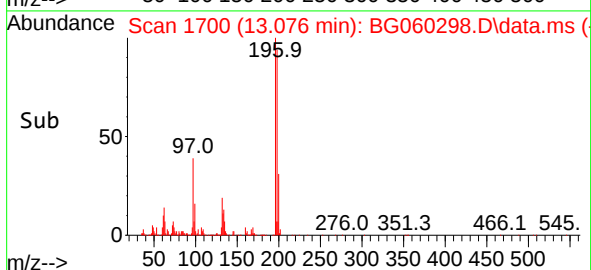
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

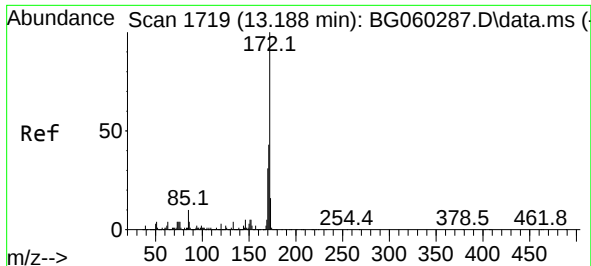


#44
2,4,5-Trichlorophenol
Concen: 47.231 ng
RT: 13.076 min Scan# 1700
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55



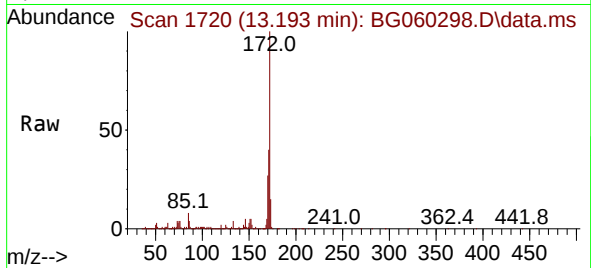
Tgt Ion:196 Resp: 827011
Ion Ratio Lower Upper
196 100
198 93.8 78.6 118.0
97 39.2 30.6 46.0
132 19.5 14.4 21.6





#45
2-Fluorobiphenyl
Concen: 62.484 ng
RT: 13.193 min Scan# 1719
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

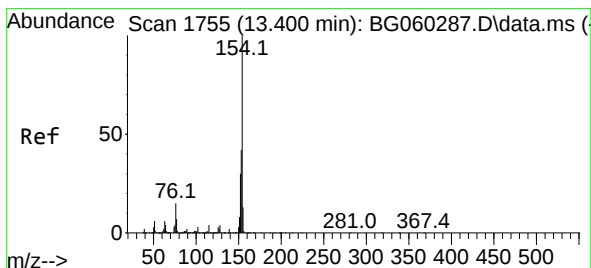
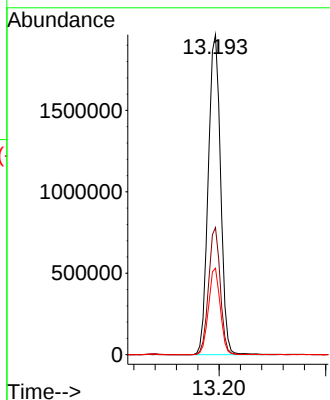
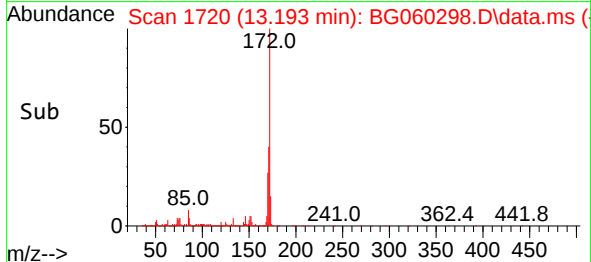
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD



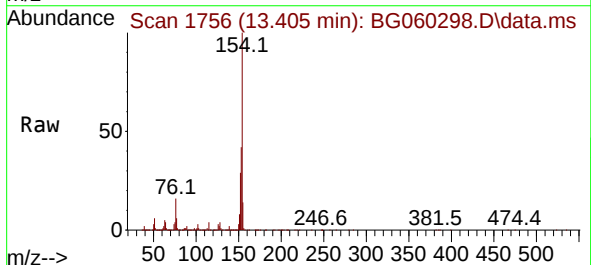
Tgt Ion:172 Resp: 3156680
Ion Ratio Lower Upper
172 100
171 39.8 34.6 51.8
170 27.1 24.4 36.6

Manual Integrations
APPROVED

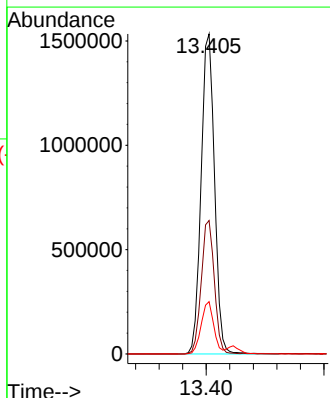
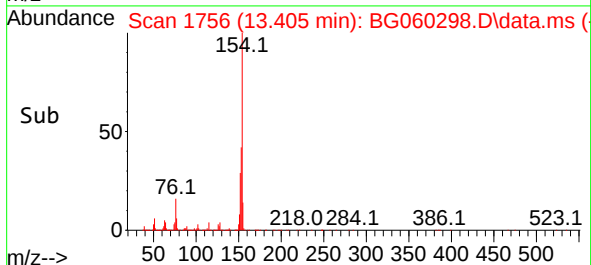
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

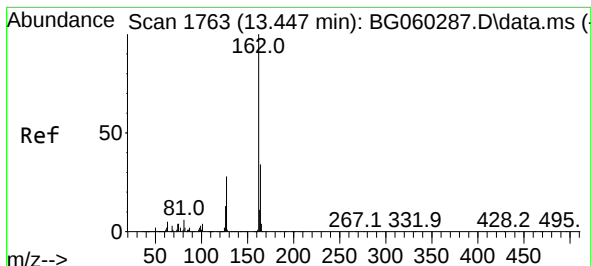


#46
1,1'-Biphenyl
Concen: 45.728 ng
RT: 13.405 min Scan# 1756
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55



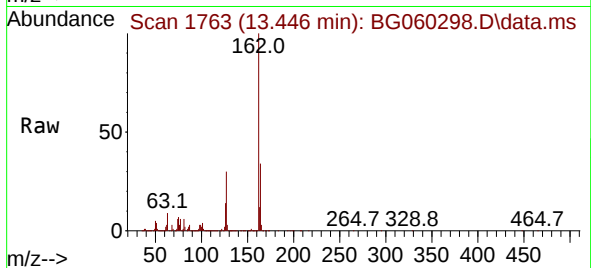
Tgt Ion:154 Resp: 2424411
Ion Ratio Lower Upper
154 100
153 41.7 22.0 62.0
76 16.4 0.0 35.2





#47
2-Chloronaphthalene
Concen: 43.426 ng
RT: 13.446 min Scan# 1763
Delta R.T. -0.001 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

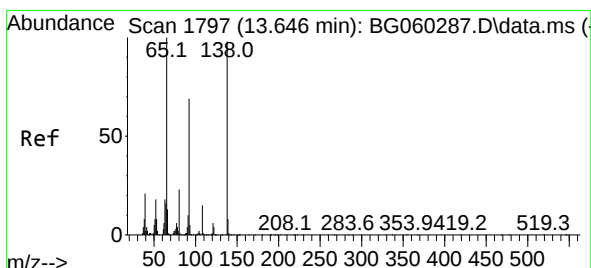
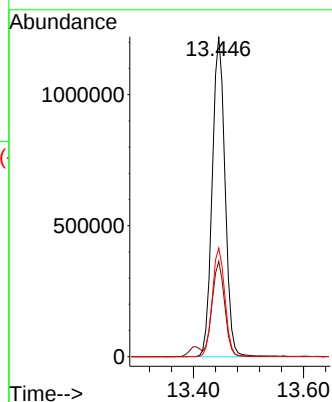
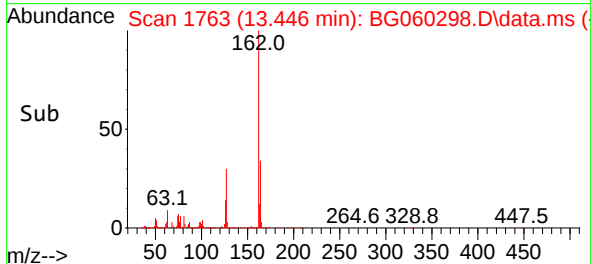
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD



Tgt Ion:162 Resp: 1972424
Ion Ratio Lower Upper
162 100
127 29.8 23.5 35.3
164 34.0 26.9 40.3

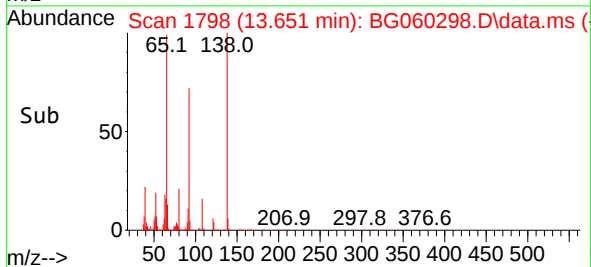
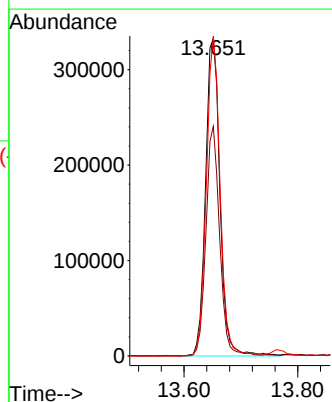
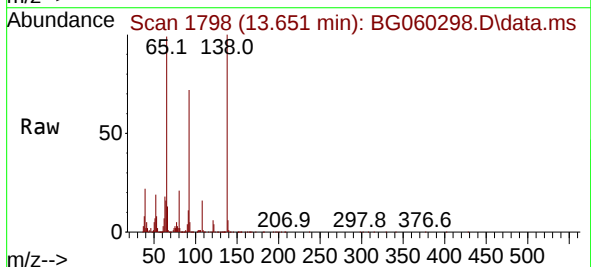
Manual Integrations
APPROVED

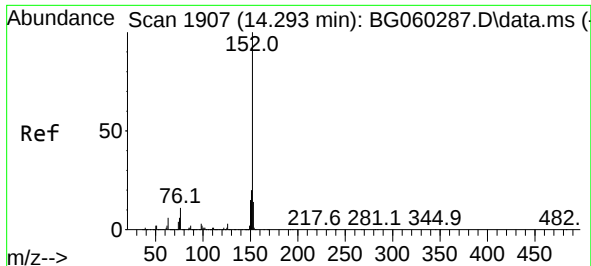
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#48
2-Nitroaniline
Concen: 51.381 ng
RT: 13.651 min Scan# 1798
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

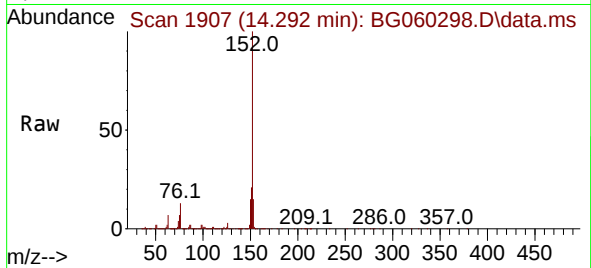
Tgt Ion: 65 Resp: 581192
Ion Ratio Lower Upper
65 100
92 72.3 55.0 82.6
138 100.8 78.1 117.1





#49
Acenaphthylene
Concen: 48.954 ng
RT: 14.292 min Scan# 1907
Delta R.T. -0.001 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

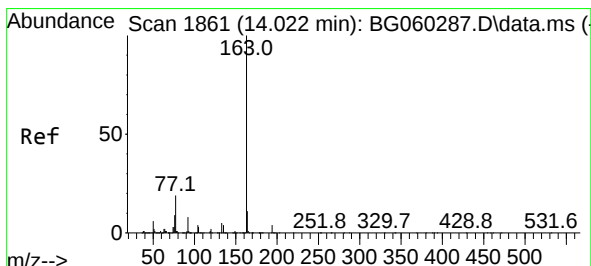
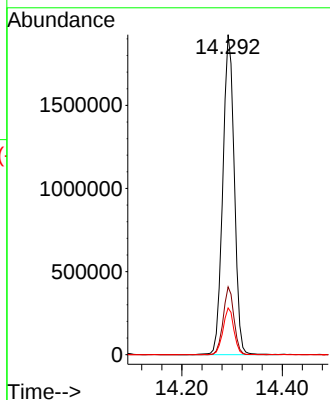
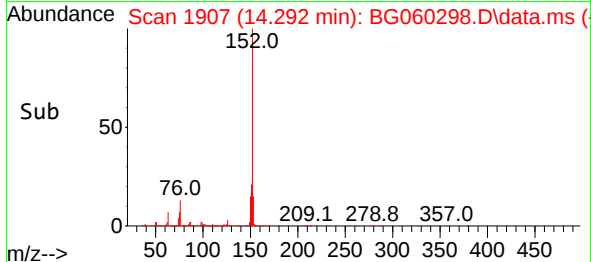
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD



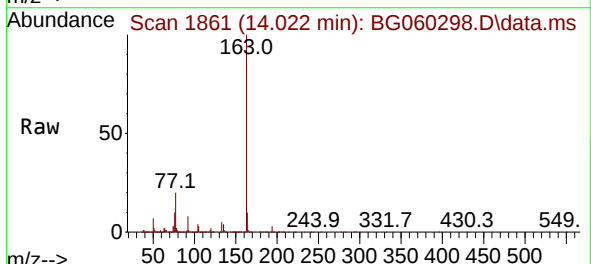
Tgt Ion:152 Resp: 306191
Ion Ratio Lower Upper
152 100
151 21.2 16.1 24.1
153 14.6 11.5 17.3

Manual Integrations
APPROVED

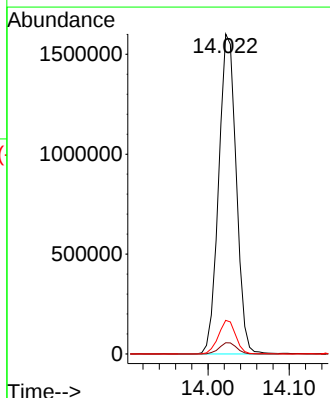
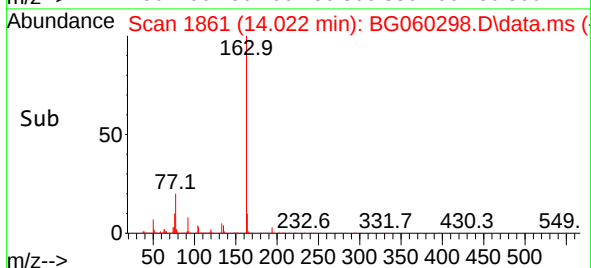
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

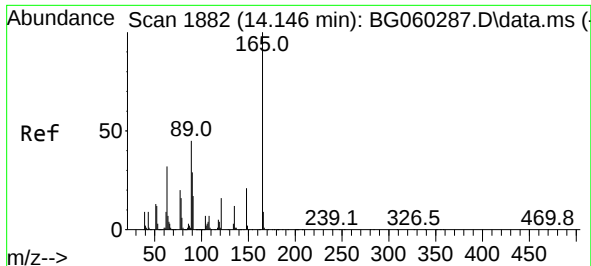


#50
Dimethylphthalate
Concen: 44.854 ng
RT: 14.022 min Scan# 1861
Delta R.T. -0.001 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55



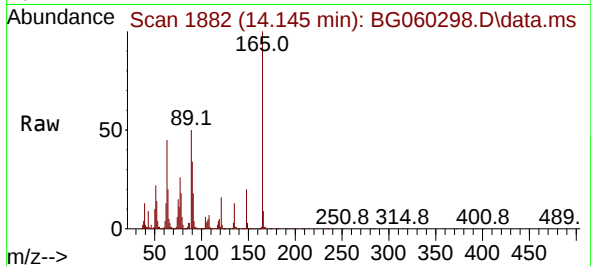
Tgt Ion:163 Resp: 2407545
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.5 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 46.550 ng
RT: 14.145 min Scan# 1882
Delta R.T. -0.001 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

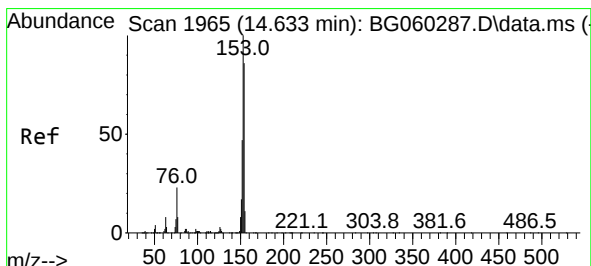
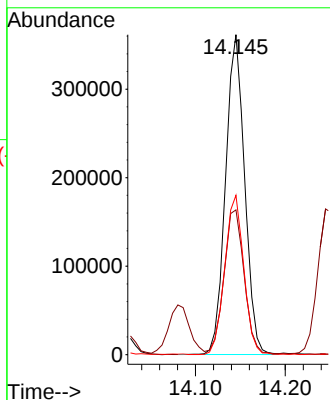
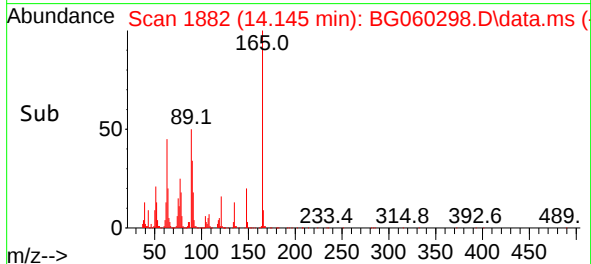
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD



Tgt Ion:165 Resp: 533149
Ion Ratio Lower Upper
165 100
63 45.3 35.0 52.4
89 49.8 36.2 54.2

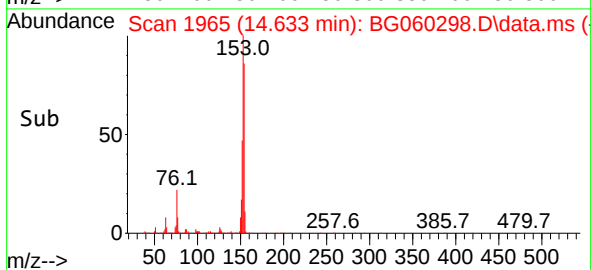
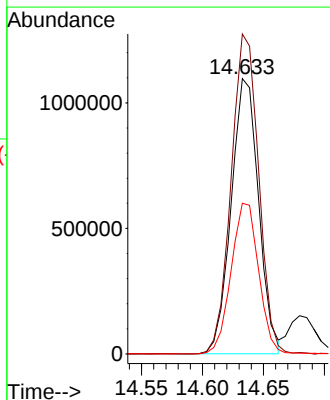
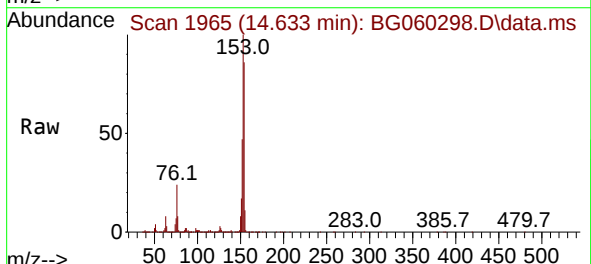
Manual Integrations
APPROVED

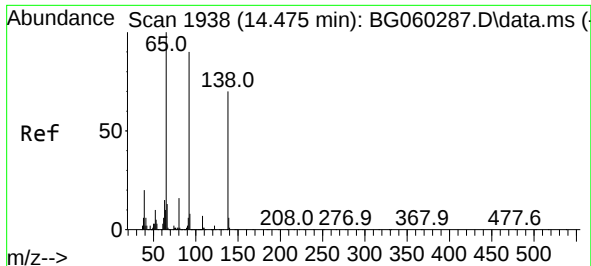
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#52
Acenaphthene
Concen: 44.123 ng
RT: 14.633 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

Tgt Ion:154 Resp: 1718454
Ion Ratio Lower Upper
154 100
153 116.2 92.6 138.8
152 54.7 43.8 65.8





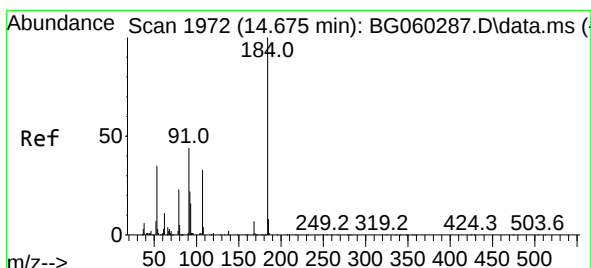
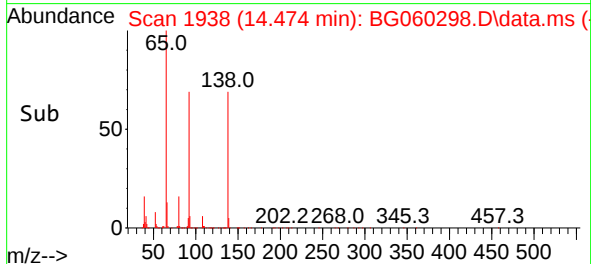
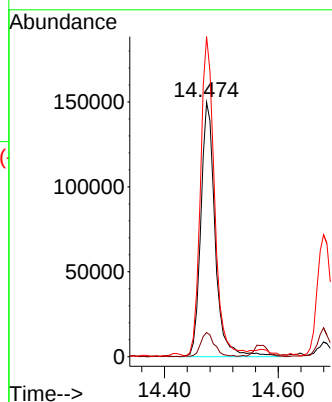
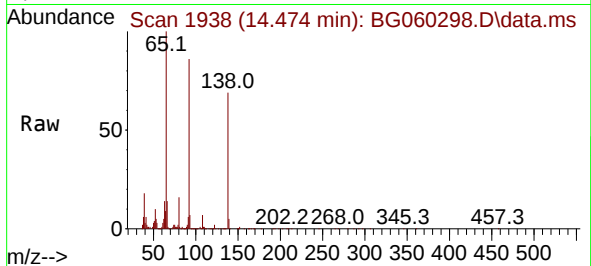
#53
3-Nitroaniline
Concen: 25.121 ng
RT: 14.474 min Scan# 1938
Delta R.T. -0.001 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD

Tgt Ion:138 Resp: 26216
Ion Ratio Lower Upper
138 100
108 9.5 7.8 11.8
92 125.8 102.4 153.6

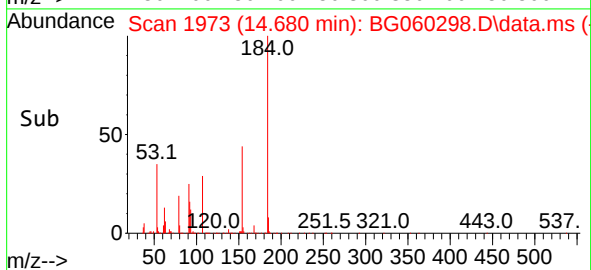
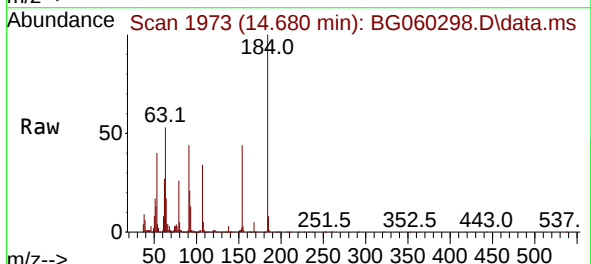
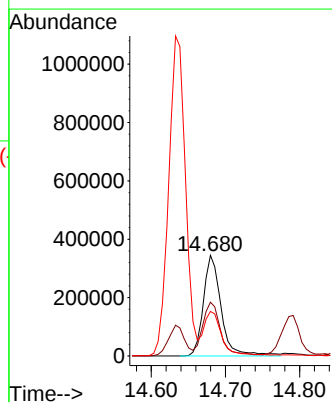
Manual Integrations
APPROVED

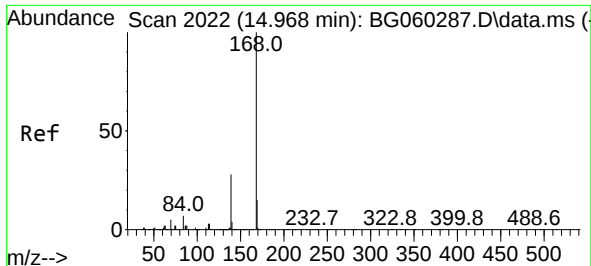
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#54
2,4-Dinitrophenol
Concen: 82.510 ng
RT: 14.680 min Scan# 1973
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

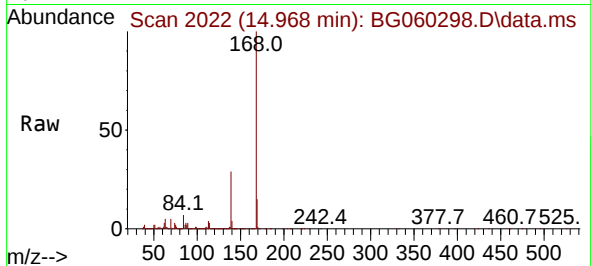
Tgt Ion:184 Resp: 575063
Ion Ratio Lower Upper
184 100
63 53.4 41.0 61.4
154 44.2 39.2 58.8





#55
Dibenzenofuran
Concen: 44.885 ng
RT: 14.968 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

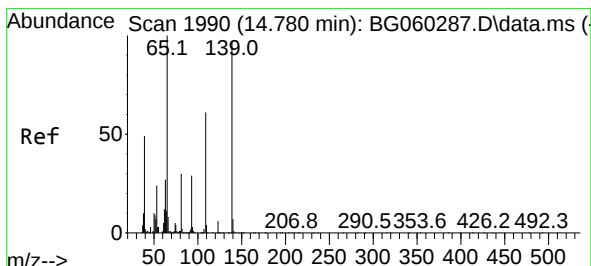
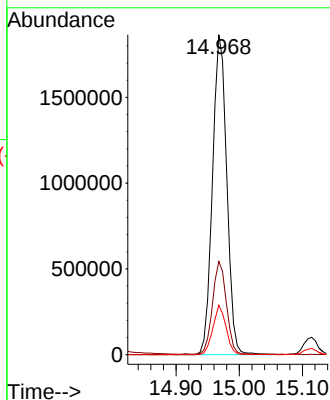
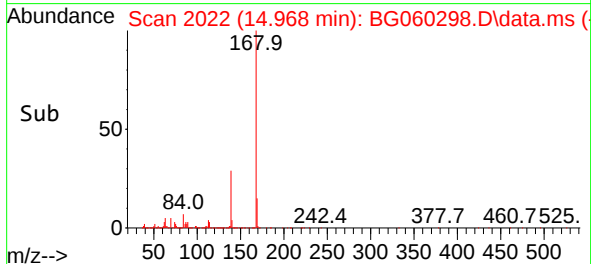
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD



Tgt Ion:168 Resp: 2918190
Ion Ratio Lower Upper
168 100
139 29.2 22.6 34.0
169 15.4 12.1 18.1

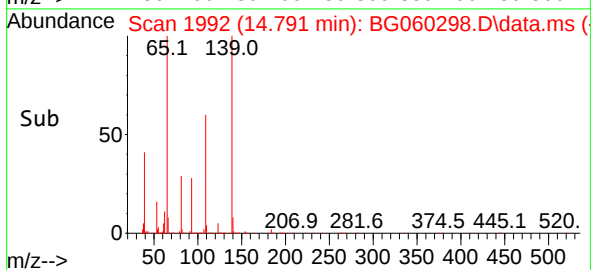
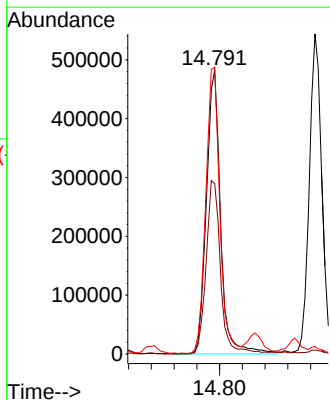
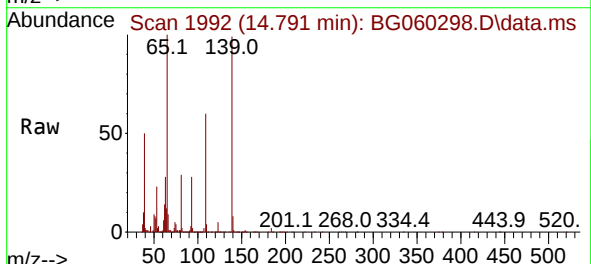
Manual Integrations
APPROVED

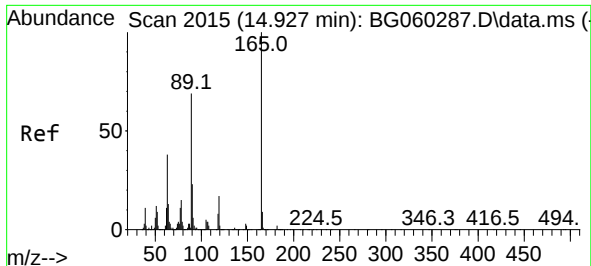
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#56
4-Nitrophenol
Concen: 107.022 ng
RT: 14.791 min Scan# 1992
Delta R.T. 0.011 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

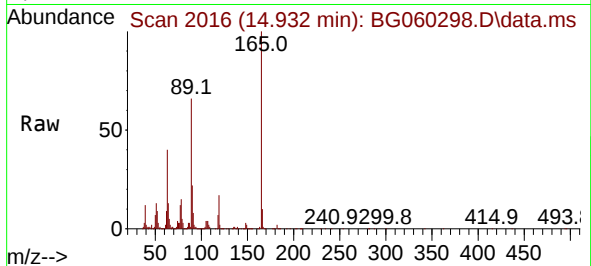
Tgt Ion:139 Resp: 828441
Ion Ratio Lower Upper
139 100
109 60.1 42.2 82.2
65 100.9 83.3 123.3





#57
2,4-Dinitrotoluene
Concen: 46.263 ng
RT: 14.932 min Scan# 2015
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

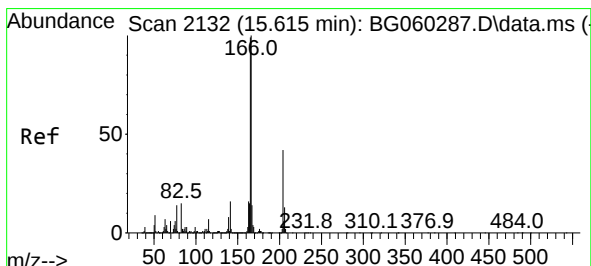
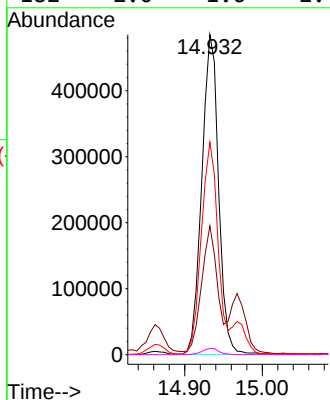
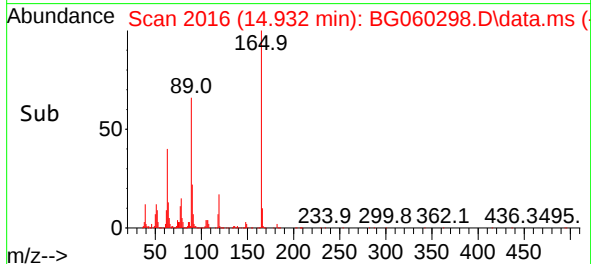
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD



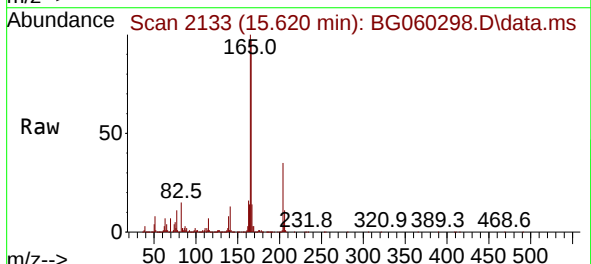
Tgt Ion:165 Resp: 726580
Ion Ratio Lower Upper
165 100
63 40.2 30.4 45.6
89 66.4 55.4 83.0
182 2.0 1.6 2.4

Manual Integrations
APPROVED

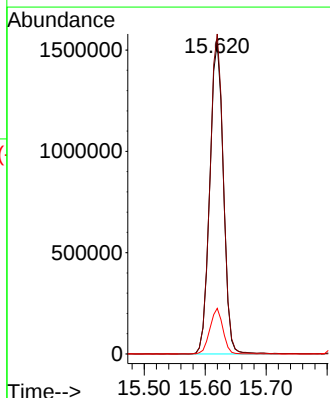
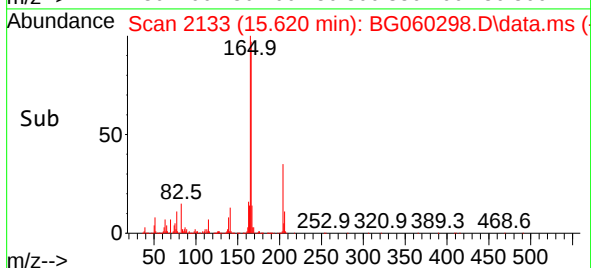
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

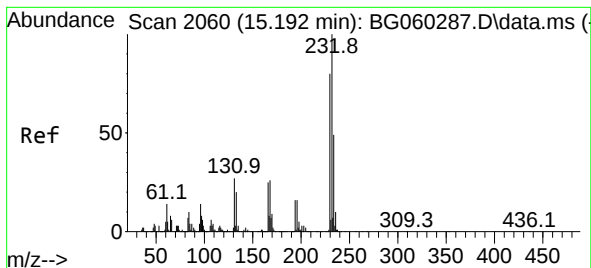


#58
Fluorene
Concen: 44.265 ng
RT: 15.620 min Scan# 2133
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55



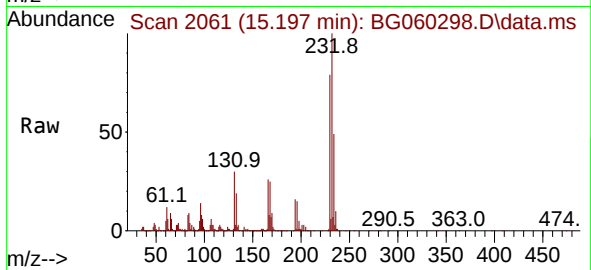
Tgt Ion:166 Resp: 2383242
Ion Ratio Lower Upper
166 100
165 102.8 79.0 118.6
167 14.7 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.890 ng
RT: 15.197 min Scan# 2060
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

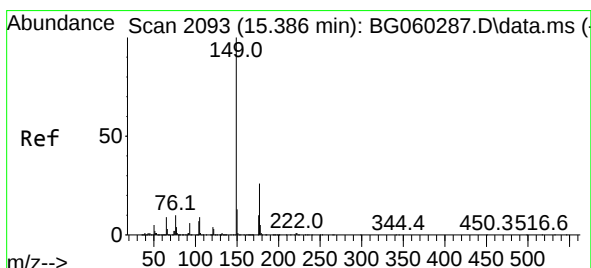
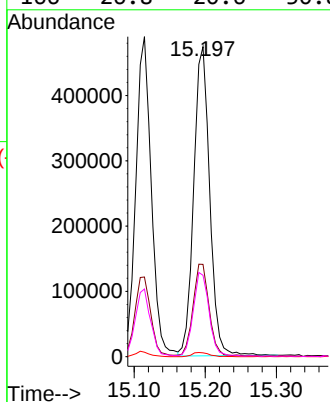
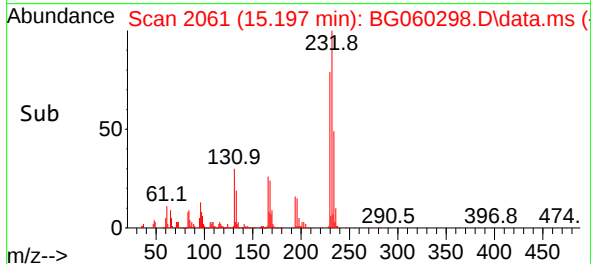
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD



Tgt Ion:232 Resp: 741804
Ion Ratio Lower Upper
232 100
131 30.2 22.7 34.1
130 1.5 1.1 1.7
166 26.8 20.6 30.8

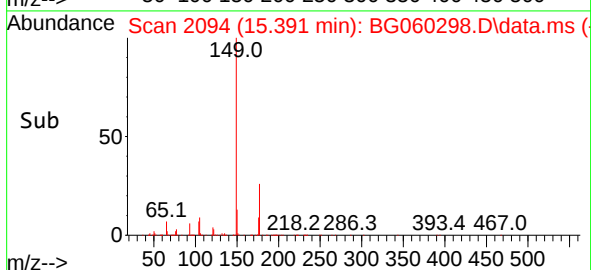
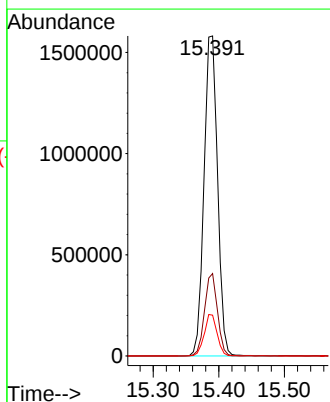
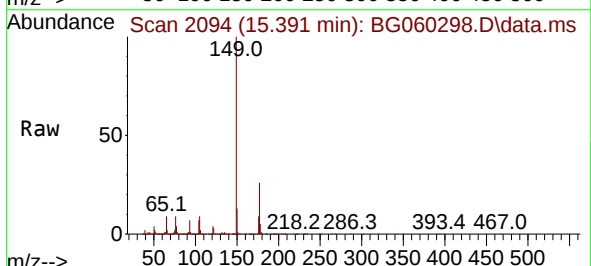
Manual Integrations
APPROVED

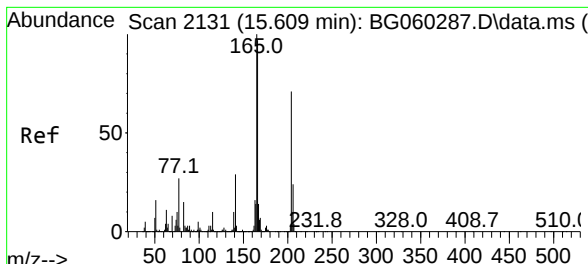
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#60
Diethylphthalate
Concen: 44.160 ng
RT: 15.391 min Scan# 2094
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

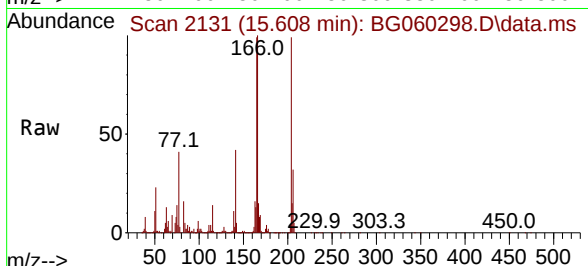
Tgt Ion:149 Resp: 2275531
Ion Ratio Lower Upper
149 100
177 25.7 20.9 31.3
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 42.596 ng
RT: 15.608 min Scan# 2131
Delta R.T. -0.001 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

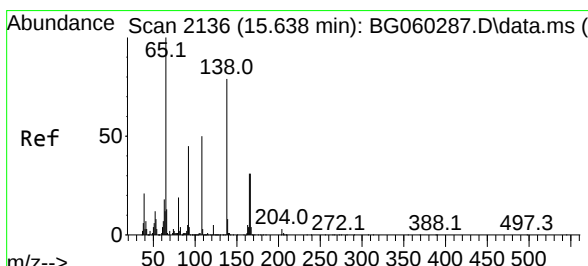
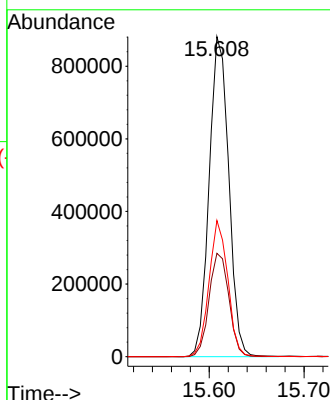
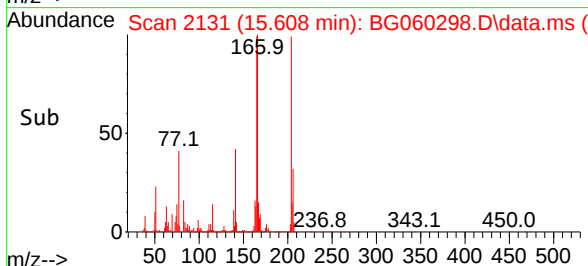
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD



Tgt Ion:204 Resp: 126336
Ion Ratio Lower Upper
204 100
206 32.3 27.1 40.7
141 42.5 32.2 48.2

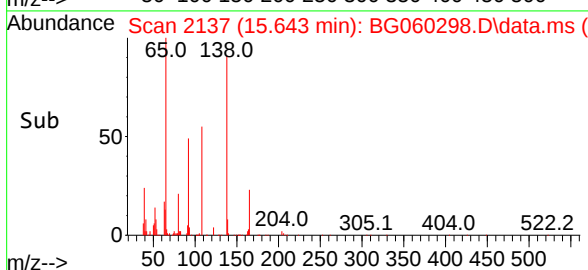
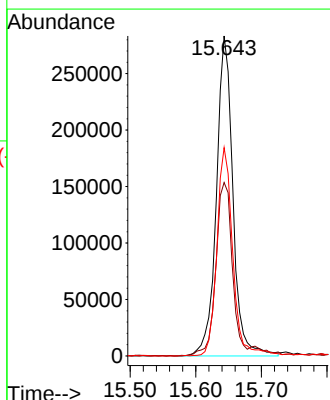
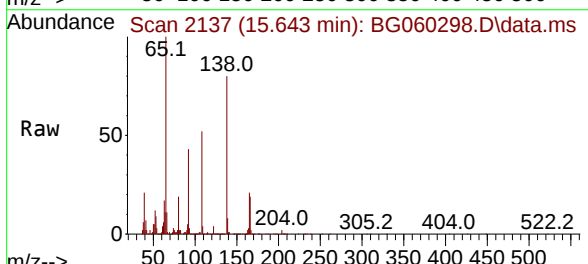
Manual Integrations
APPROVED

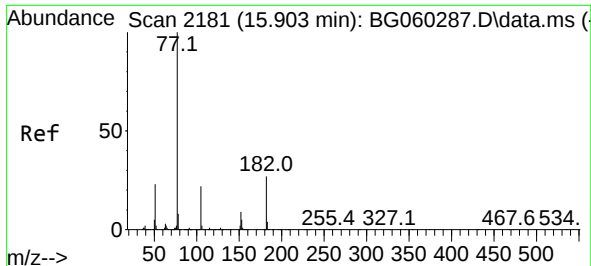
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#62
4-Nitroaniline
Concen: 44.572 ng
RT: 15.643 min Scan# 2137
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

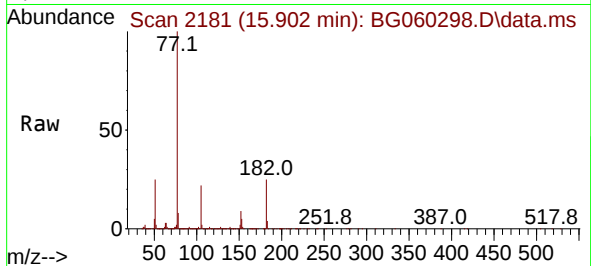
Tgt Ion:138 Resp: 495074
Ion Ratio Lower Upper
138 100
92 54.2 37.0 77.0
108 65.1 43.1 83.1





#63
Azobenzene
Concen: 43.808 ng
RT: 15.902 min Scan# 2181
Delta R.T. -0.001 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

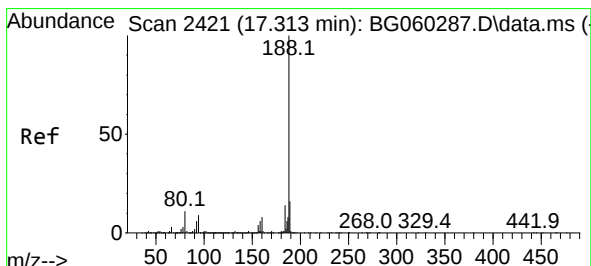
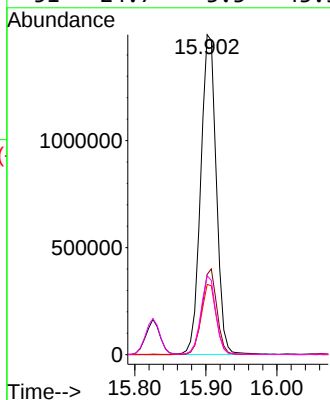
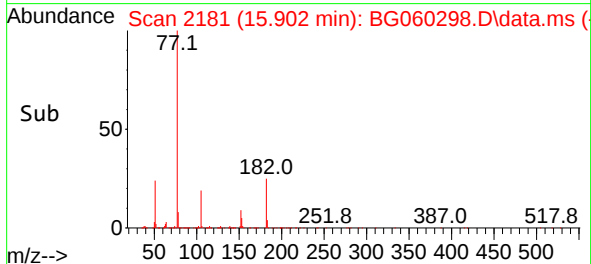
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD



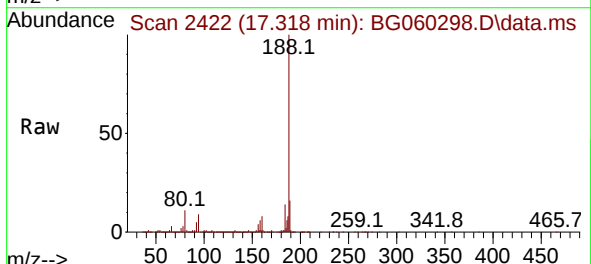
Tgt Ion: 77 Resp: 2283234
Ion Ratio Lower Upper
77 100
182 25.1 6.5 46.5
105 22.0 1.8 41.8
51 24.7 3.3 43.3

Manual Integrations
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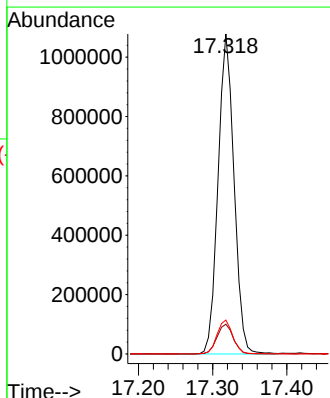
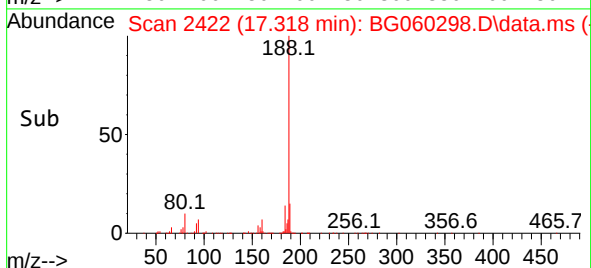
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

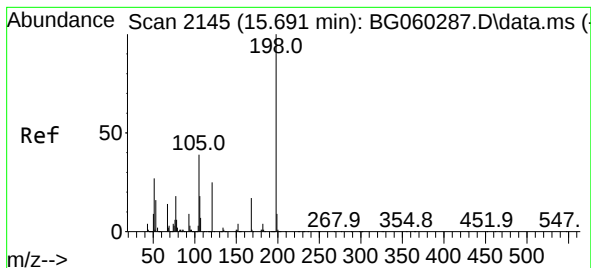


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2422
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55



Tgt Ion:188 Resp: 1609289
Ion Ratio Lower Upper
188 100
94 9.3 7.1 10.7
80 10.6 8.5 12.7





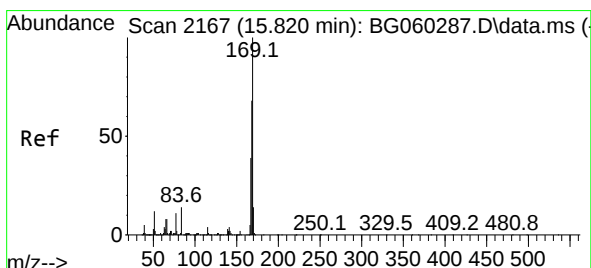
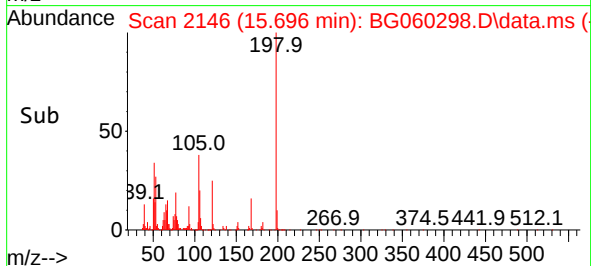
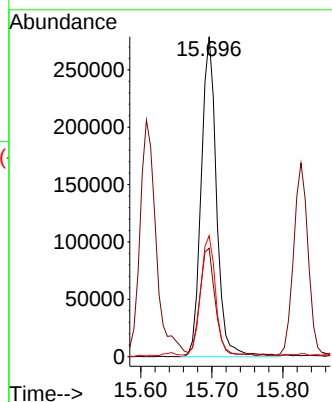
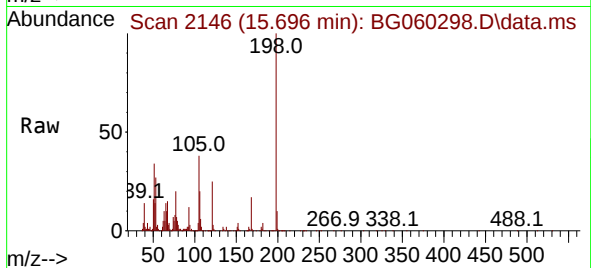
#65
4,6-Dinitro-2-methylphenol
Concen: 47.122 ng
RT: 15.696 min Scan# 2145
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD

Tgt Ion:198 Resp: 41952
Ion Ratio Lower Upper
198 100
51 33.9 11.8 51.8
105 37.8 20.3 60.3

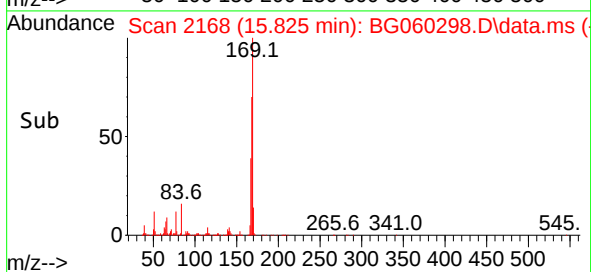
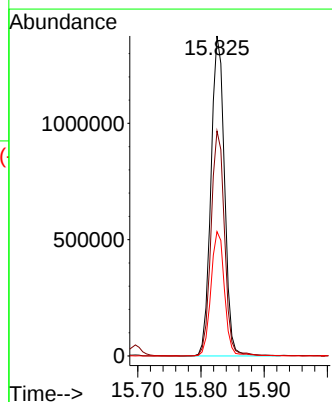
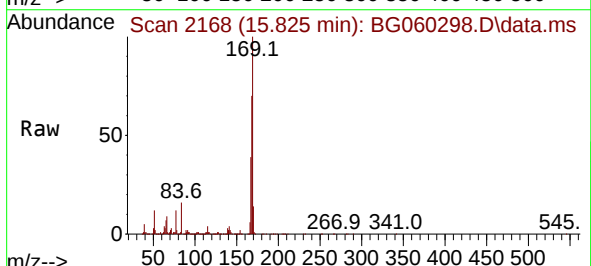
Manual Integrations
APPROVED

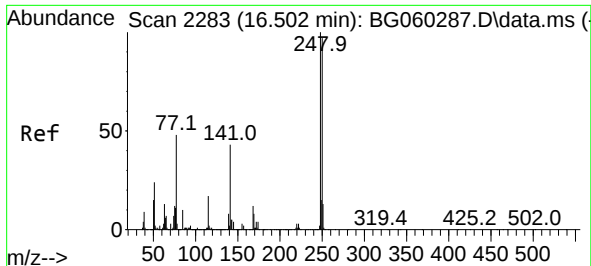
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#66
n-Nitrosodiphenylamine
Concen: 47.885 ng
RT: 15.825 min Scan# 2168
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

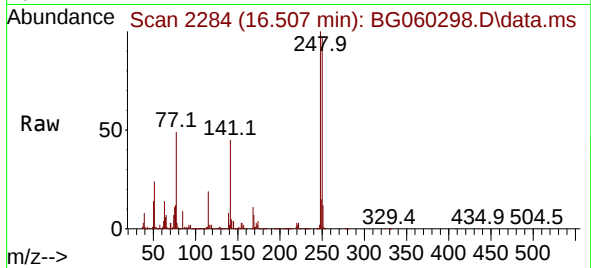
Tgt Ion:169 Resp: 2046174
Ion Ratio Lower Upper
169 100
168 70.3 54.4 81.6
167 38.9 31.2 46.8





#67
4-Bromophenyl-phenylether
Concen: 45.633 ng
RT: 16.507 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

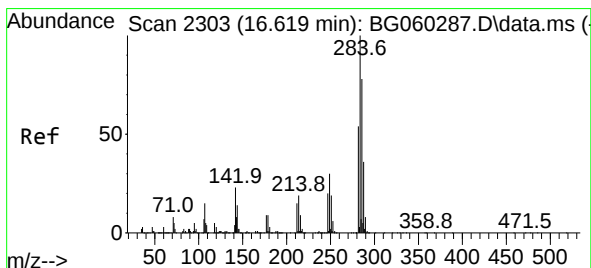
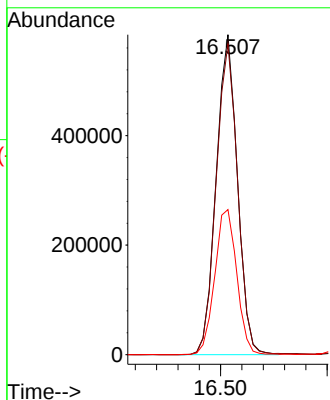
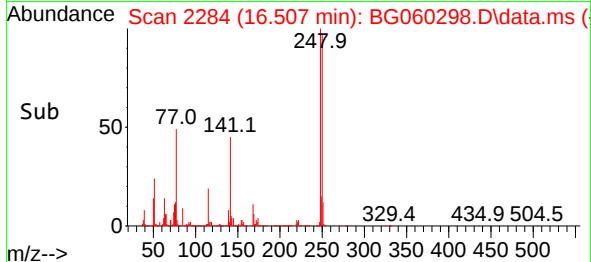
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD



Tgt Ion:248 Resp: 806924
Ion Ratio Lower Upper
248 100
250 97.1 77.6 116.4
141 45.3 34.2 51.4

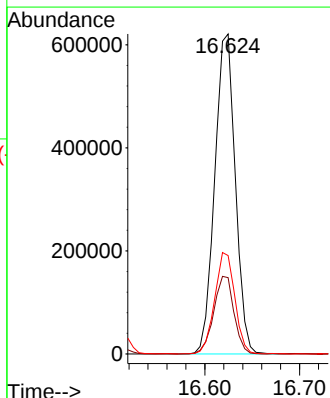
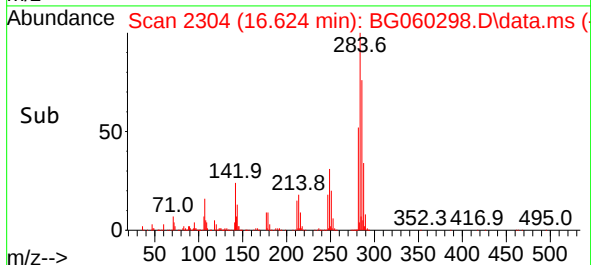
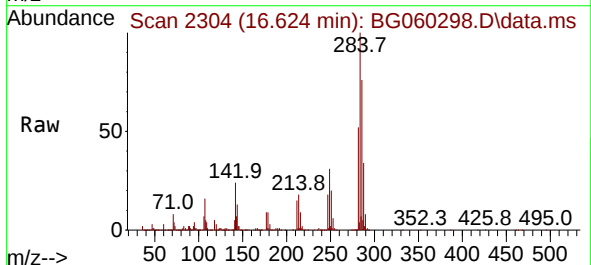
Manual Integrations
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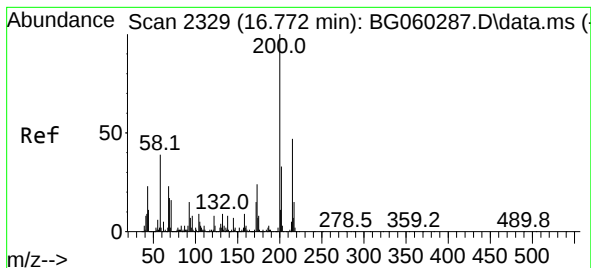
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#68
Hexachlorobenzene
Concen: 44.698 ng
RT: 16.624 min Scan# 2304
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

Tgt Ion:284 Resp: 935584
Ion Ratio Lower Upper
284 100
142 23.9 18.2 27.4
249 30.8 24.3 36.5





#69

Atrazine

Concen: 50.796 ng

RT: 16.777 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG060298.D

Acq: 10 Jan 2024 12:55

Instrument :

BNA_G

ClientSampleId :

SP-A-COMP(0-8)MSD

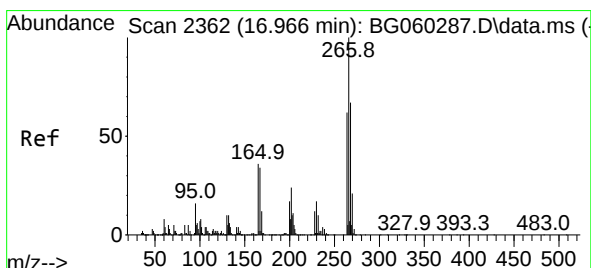
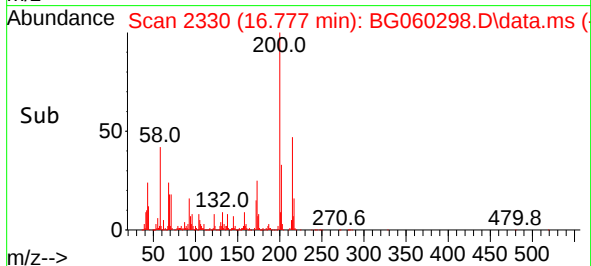
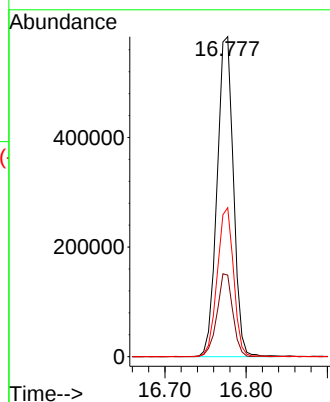
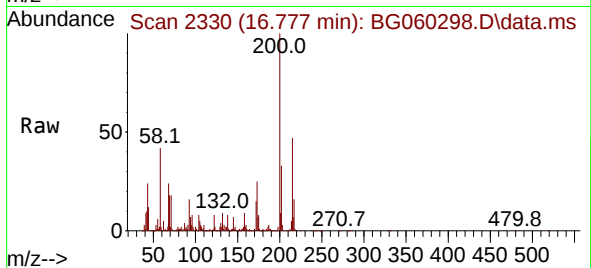
Tgt Ion:200 Resp: 818450
Ion Ratio Lower Upper
200 100
173 25.5 4.1 44.1
215 46.5 27.4 67.4

Manual Integrations

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Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#70

Pentachlorophenol

Concen: 96.600 ng

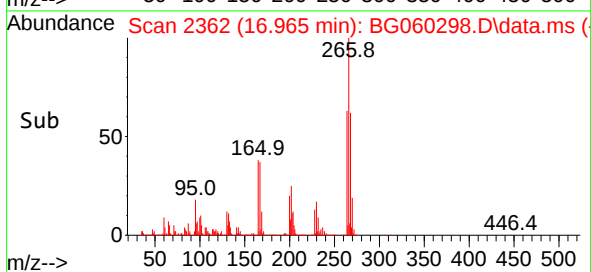
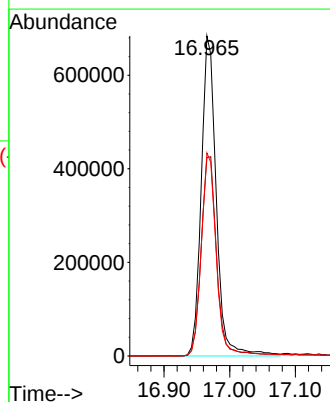
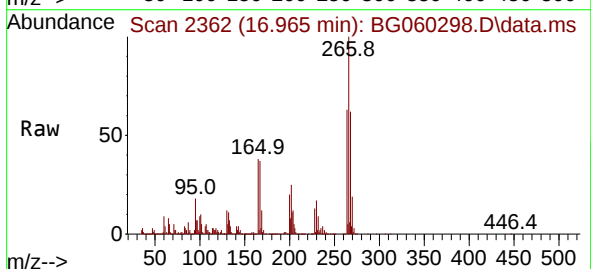
RT: 16.965 min Scan# 2362

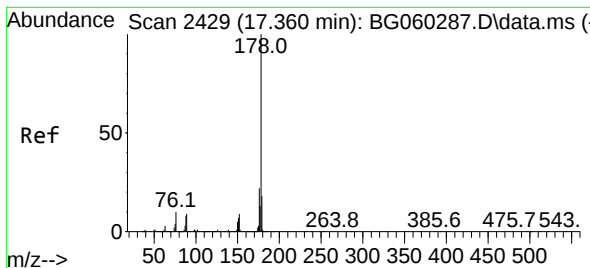
Delta R.T. -0.001 min

Lab File: BG060298.D

Acq: 10 Jan 2024 12:55

Tgt Ion:266 Resp: 1089885
Ion Ratio Lower Upper
266 100
268 62.0 57.4 86.2
264 63.4 49.8 74.8





#71

Phenanthrene

Concen: 46.326 ng

RT: 17.359 min Scan# 2429

Delta R.T. -0.001 min

Lab File: BG060298.D

Acq: 10 Jan 2024 12:55

Instrument :

BNA_G

ClientSampleId :

SP-A-COMP(0-8)MSD

Tgt Ion:178 Resp: 360348

Ion Ratio Lower Upper

178 100

176 22.5 17.4 26.2

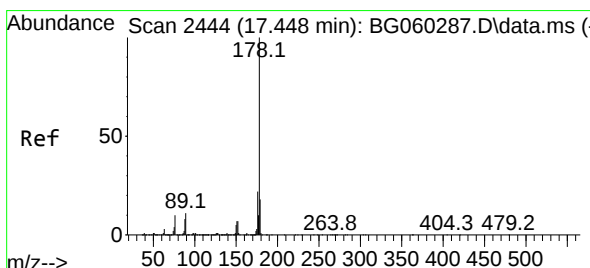
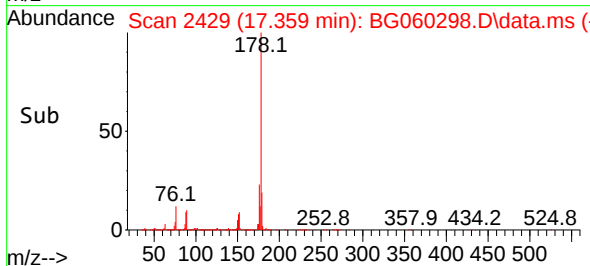
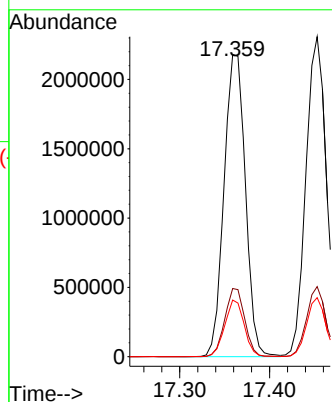
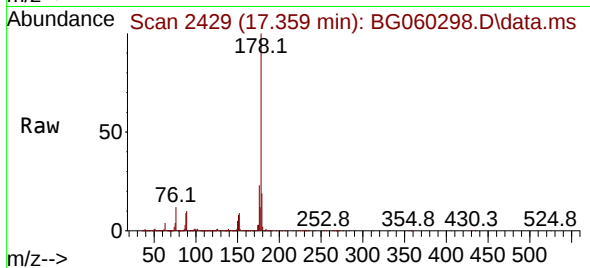
179 18.8 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#72

Anthracene

Concen: 47.681 ng

RT: 17.453 min Scan# 2445

Delta R.T. 0.005 min

Lab File: BG060298.D

Acq: 10 Jan 2024 12:55

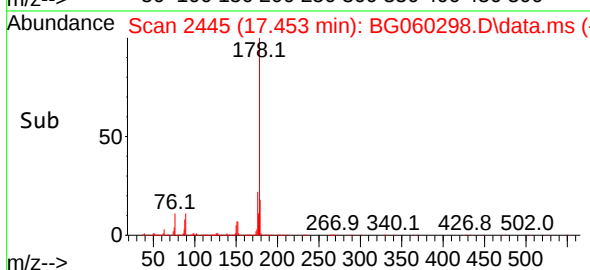
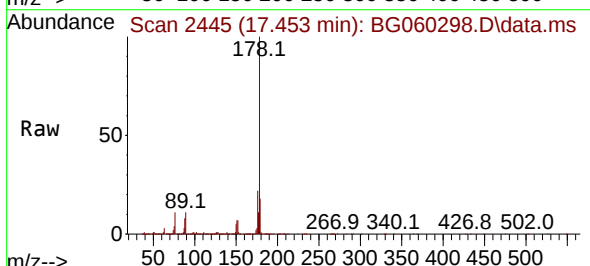
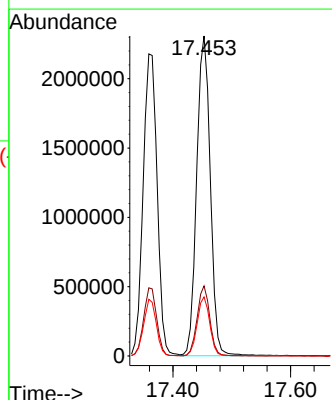
Tgt Ion:178 Resp: 3702978

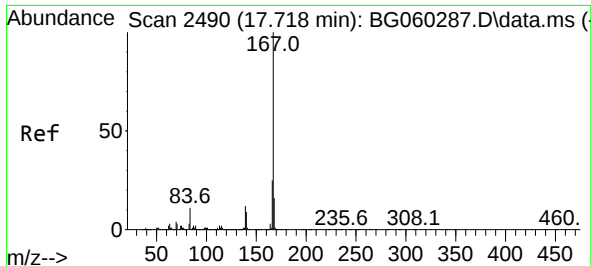
Ion Ratio Lower Upper

178 100

176 21.9 17.8 26.6

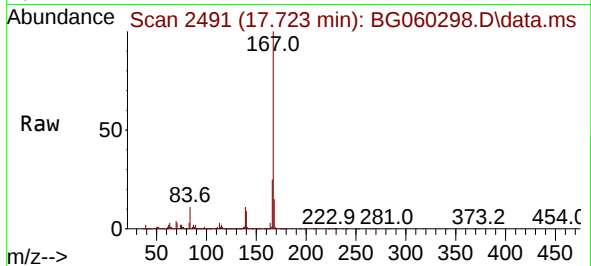
179 18.5 14.1 21.1





#73
 Carbazole
 Concen: 45.114 ng
 RT: 17.723 min Scan# 2490
 Delta R.T. 0.005 min
 Lab File: BG060298.D
 Acq: 10 Jan 2024 12:55

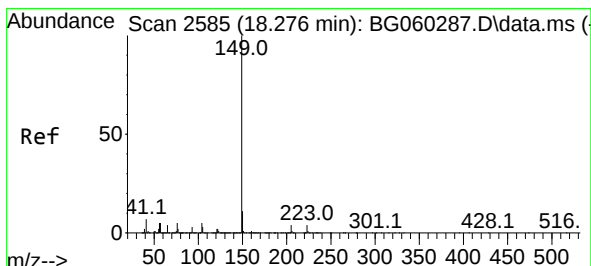
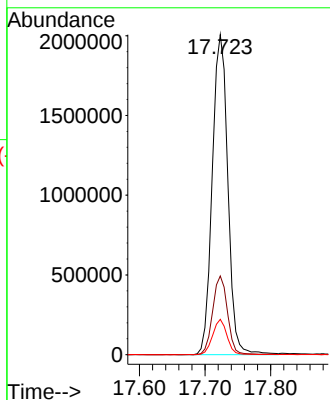
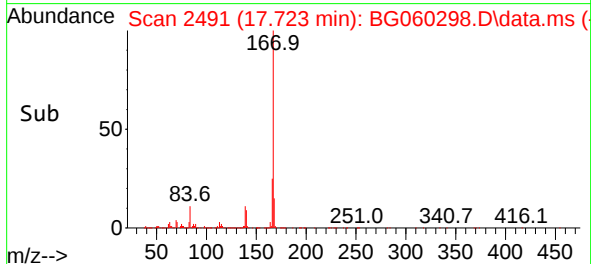
Instrument :
 BNA_G
 ClientSampleId :
 SP-A-COMP(0-8)MSD



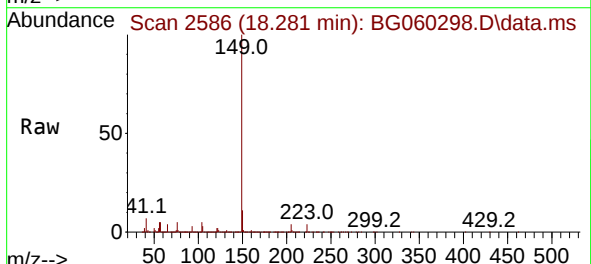
Tgt Ion:167 Resp: 3303009
 Ion Ratio Lower Upper
 167 100
 166 24.6 19.8 29.8
 139 11.1 9.3 13.9

Manual Integrations
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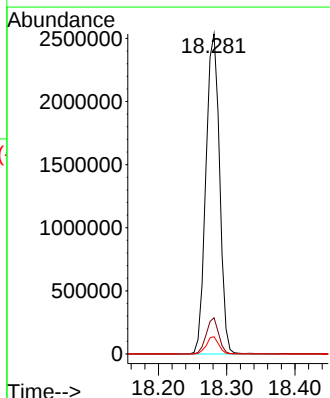
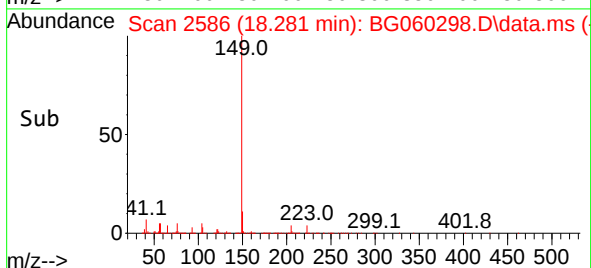
Reviewed By :Yogesh Patel 01/11/2024
 Supervised By :mohammad ahmed 01/12/2024

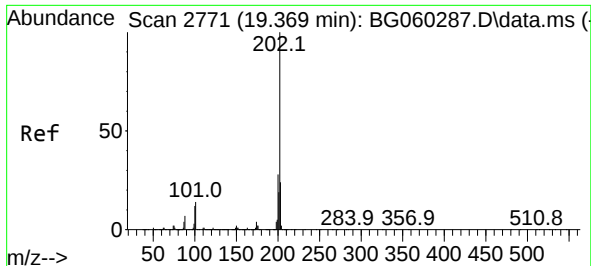


#74
 Di-n-butylphthalate
 Concen: 46.953 ng
 RT: 18.281 min Scan# 2586
 Delta R.T. 0.005 min
 Lab File: BG060298.D
 Acq: 10 Jan 2024 12:55



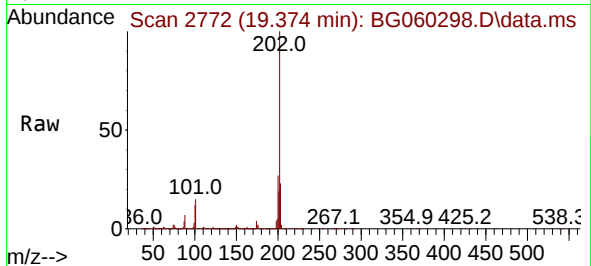
Tgt Ion:149 Resp: 3537094
 Ion Ratio Lower Upper
 149 100
 150 11.3 9.1 13.7
 104 5.4 4.3 6.5





#75
Fluoranthene
Concen: 43.555 ng
RT: 19.374 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

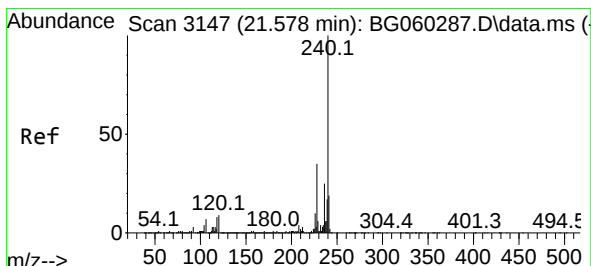
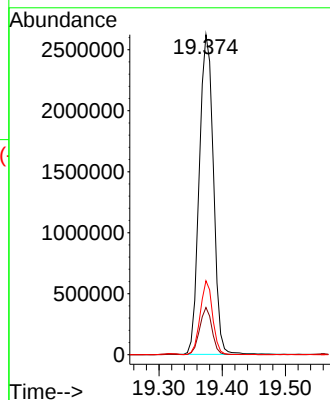
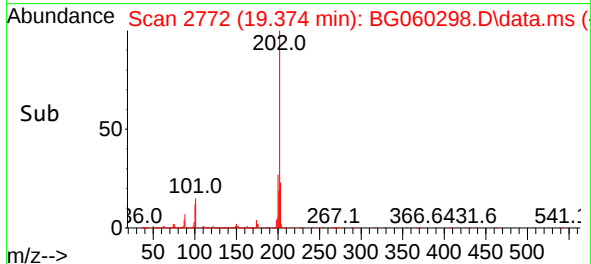
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD



Tgt Ion:202 Resp: 406925
Ion Ratio Lower Upper
202 100
101 14.7 0.0 34.4
203 23.1 4.0 44.0

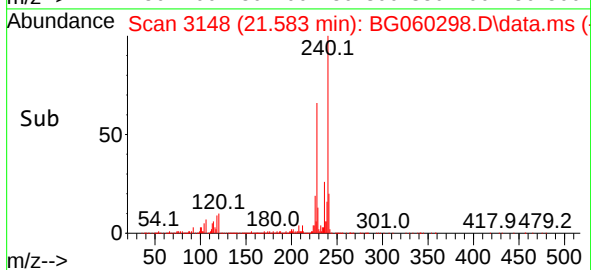
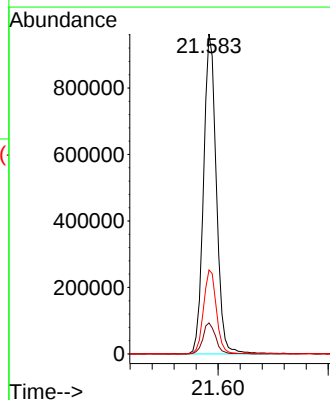
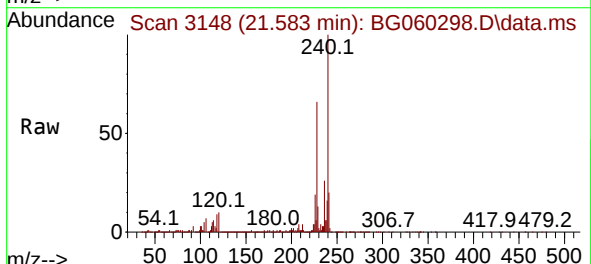
Manual Integrations
APPROVED

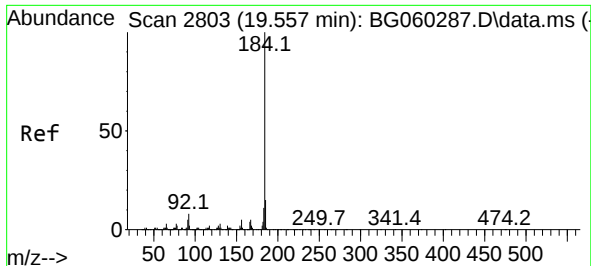
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3148
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

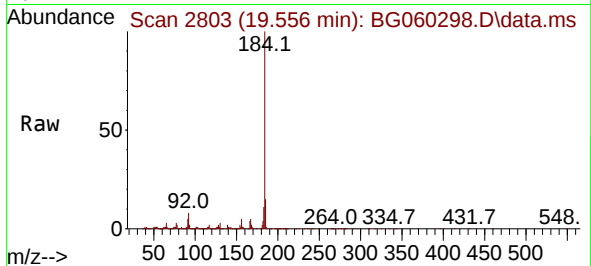
Tgt Ion:240 Resp: 1552945
Ion Ratio Lower Upper
240 100
120 9.7 7.3 10.9
236 26.3 20.3 30.5





#77
Benzidine
Concen: 52.834 ng
RT: 19.556 min Scan# 2803
Delta R.T. -0.001 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

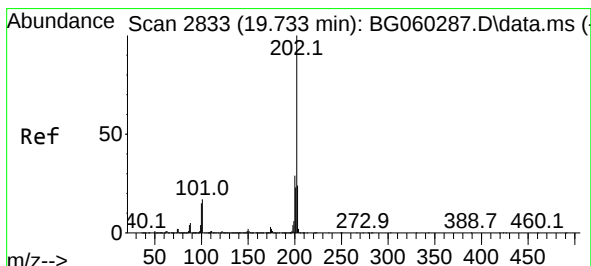
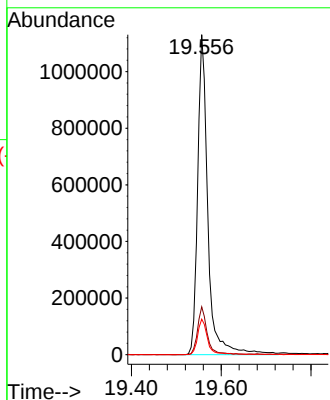
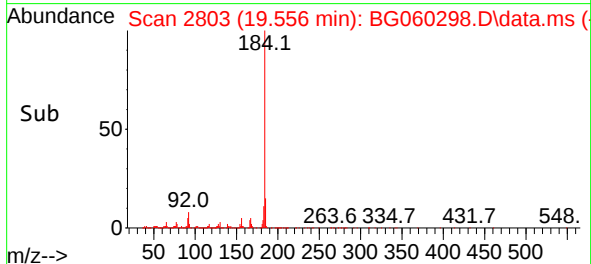
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD



Tgt Ion:184 Resp: 1782520
Ion Ratio Lower Upper
184 100
185 15.0 12.2 18.4
183 11.1 9.0 13.4

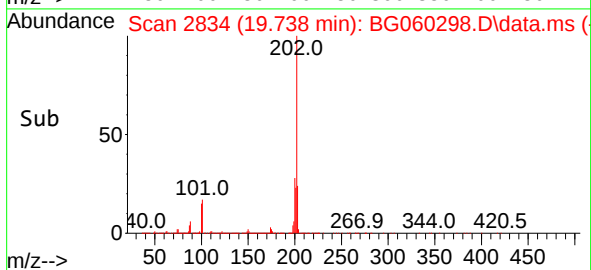
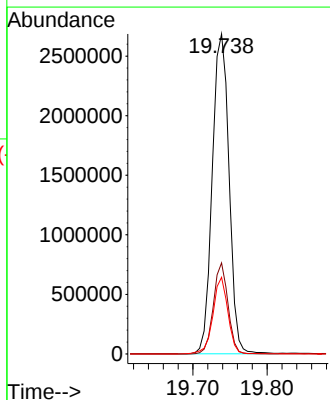
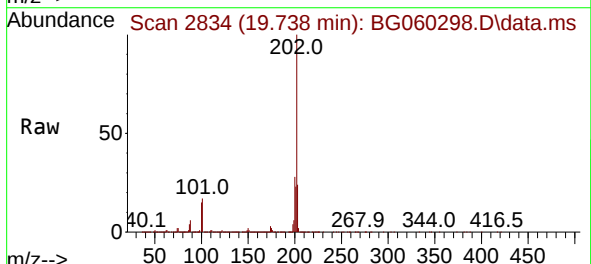
Manual Integrations
APPROVED

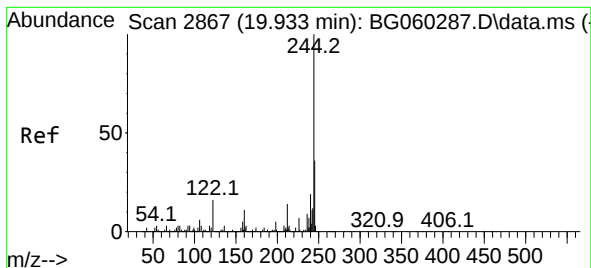
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#78
Pyrene
Concen: 42.508 ng
RT: 19.738 min Scan# 2834
Delta R.T. 0.005 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

Tgt Ion:202 Resp: 4215572
Ion Ratio Lower Upper
202 100
200 28.4 23.5 35.3
203 23.9 19.6 29.4





#79

Terphenyl-d14

Concen: 66.997 ng

RT: 19.938 min Scan# 2867

Delta R.T. 0.005 min

Lab File: BG060298.D

Acq: 10 Jan 2024 12:55

Instrument :

BNA_G

ClientSampleId :

SP-A-COMP(0-8)MSD

Tgt Ion:244 Resp: 4467469

Ion Ratio Lower Upper

244 100

212 10.2 10.9 16.3

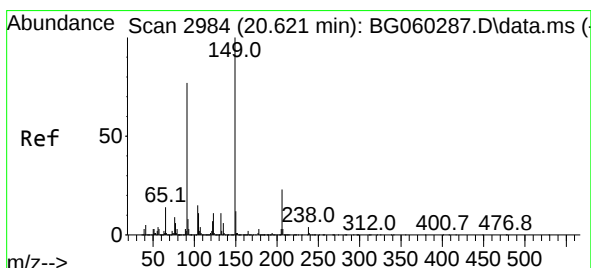
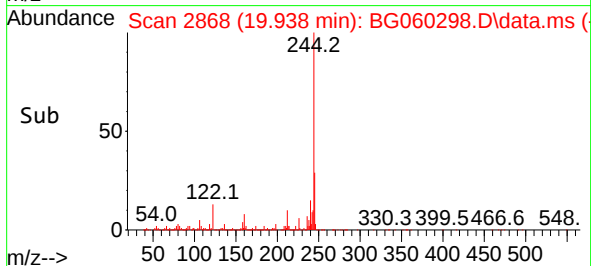
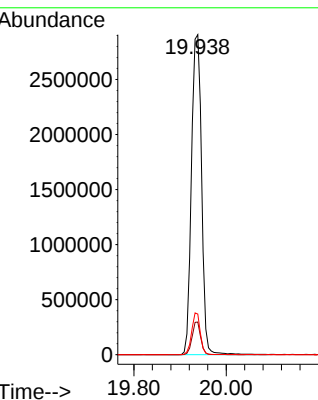
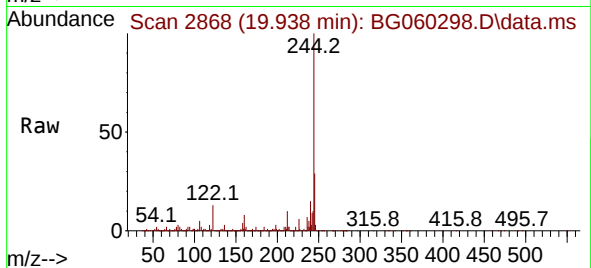
122 12.7 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#80

Butylbenzylphthalate

Concen: 50.343 ng

RT: 20.626 min Scan# 2985

Delta R.T. 0.005 min

Lab File: BG060298.D

Acq: 10 Jan 2024 12:55

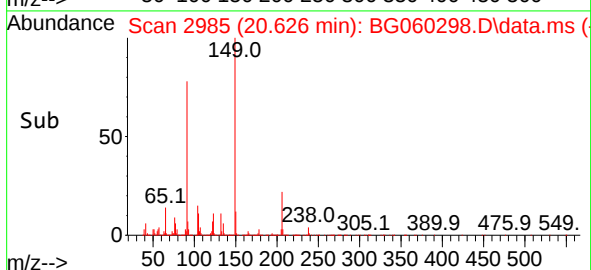
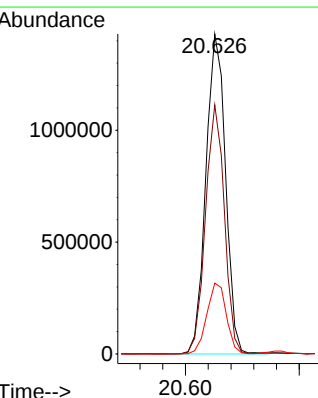
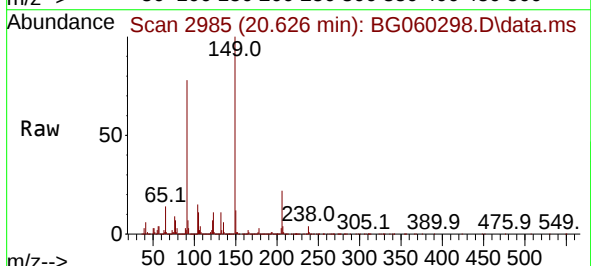
Tgt Ion:149 Resp: 1717639

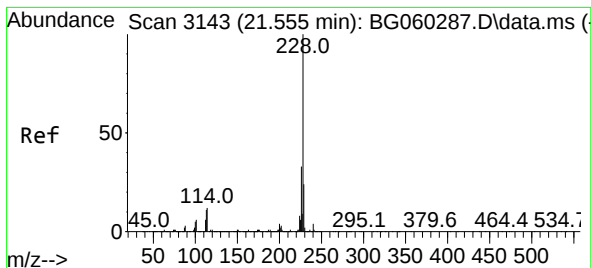
Ion Ratio Lower Upper

149 100

91 77.8 61.4 92.2

206 22.2 18.0 27.0





#81

Benzo(a)anthracene

Concen: 45.379 ng

RT: 21.566 min Scan# 3145

Delta R.T. 0.011 min

Lab File: BG060298.D

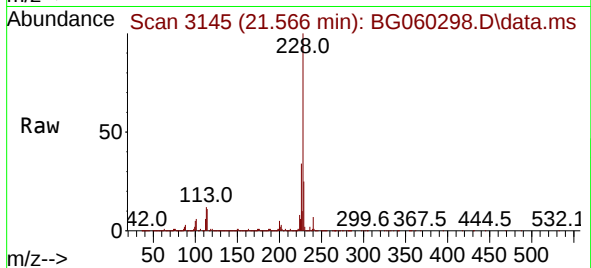
Acq: 10 Jan 2024 12:55

Instrument :

BNA_G

ClientSampleId :

SP-A-COMP(0-8)MSD



Tgt Ion:228 Resp: 436273

Ion Ratio Lower Upper

228 100

226 33.8 26.2 39.2

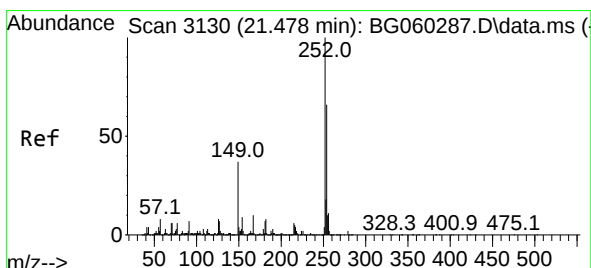
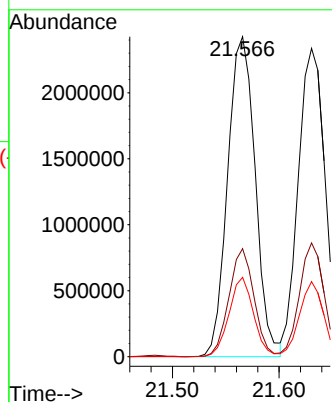
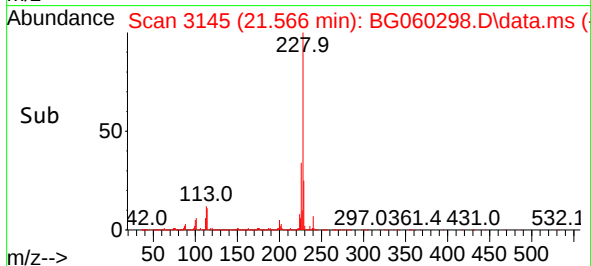
229 24.8 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#82

3,3'-Dichlorobenzidine

Concen: 25.766 ng

RT: 21.483 min Scan# 3131

Delta R.T. 0.005 min

Lab File: BG060298.D

Acq: 10 Jan 2024 12:55

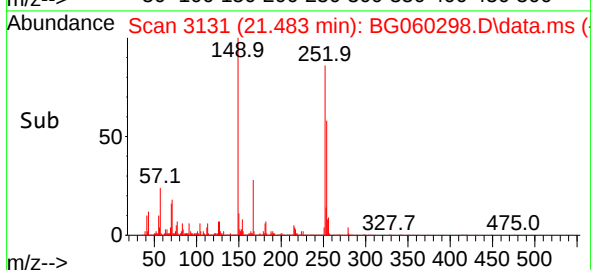
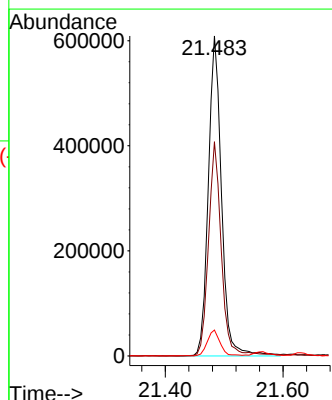
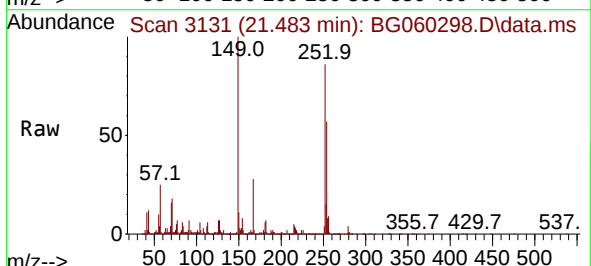
Tgt Ion:252 Resp: 948636

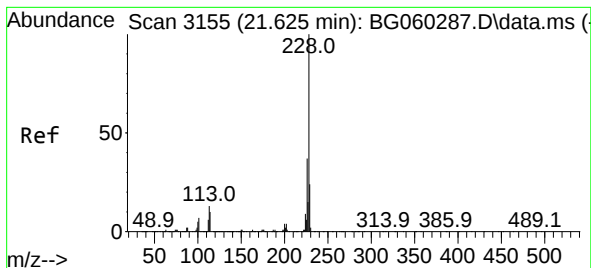
Ion Ratio Lower Upper

252 100

254 67.0 52.6 79.0

126 8.1 6.3 9.5





#83

Chrysene

Concen: 43.584 ng

RT: 21.630 min Scan# 3155

Delta R.T. 0.005 min

Lab File: BG060298.D

Acq: 10 Jan 2024 12:55

Instrument :

BNA_G

ClientSampleId :

SP-A-COMP(0-8)MSD

Tgt Ion:228 Resp: 412098

Ion Ratio Lower Upper

228 100

226 36.9 29.4 44.2

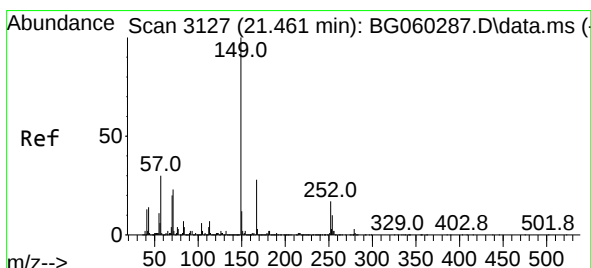
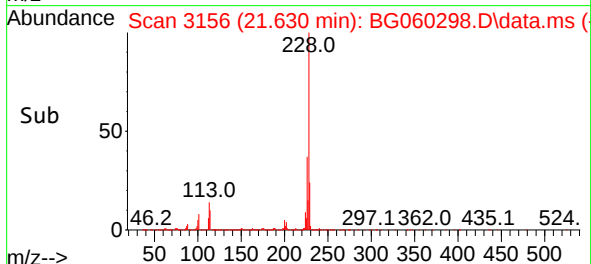
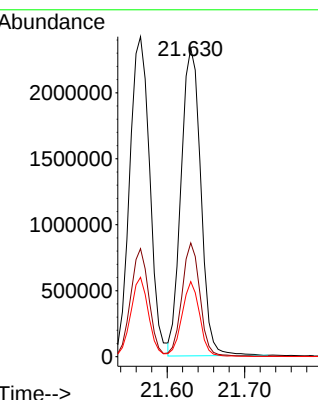
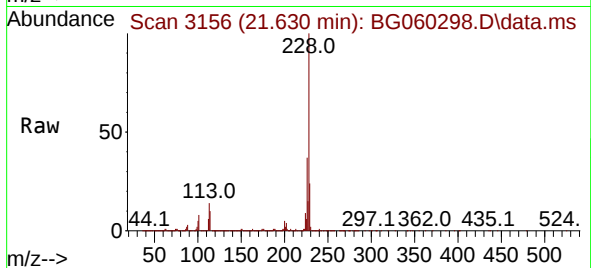
229 24.4 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.648 ng

RT: 21.472 min Scan# 3129

Delta R.T. 0.011 min

Lab File: BG060298.D

Acq: 10 Jan 2024 12:55

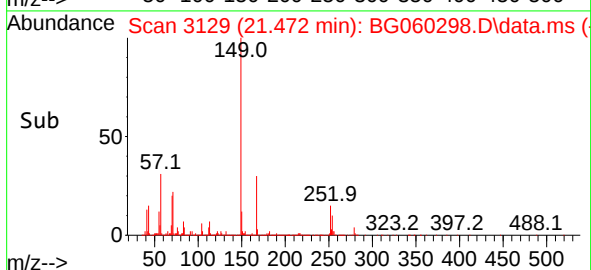
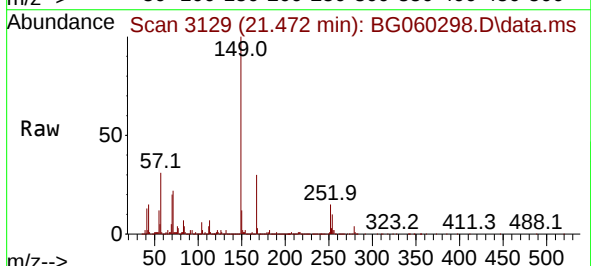
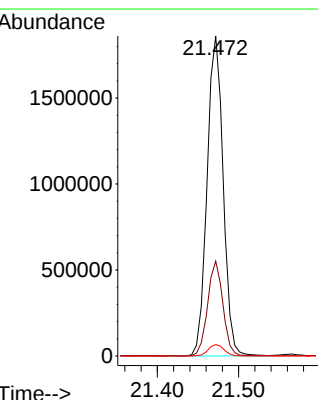
Tgt Ion:149 Resp: 2559715

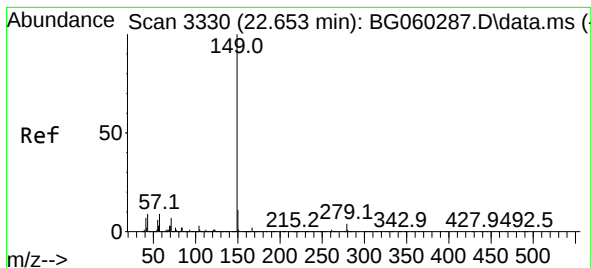
Ion Ratio Lower Upper

149 100

167 29.6 22.2 33.2

279 3.5 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 51.577 ng

RT: 22.664 min Scan# 31

Delta R.T. 0.011 min

Lab File: BG060298.D

Acq: 10 Jan 2024 12:55

Instrument :

BNA_G

ClientSampleId :

SP-A-COMP(0-8)MSD

Tgt Ion:149 Resp: 4309184

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

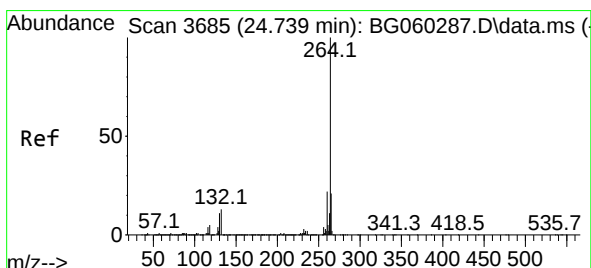
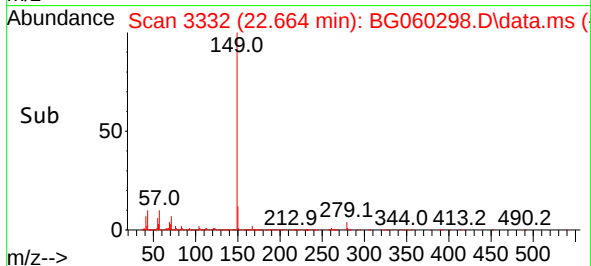
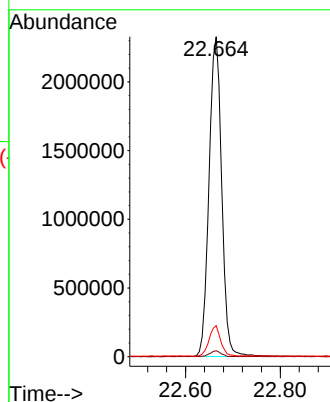
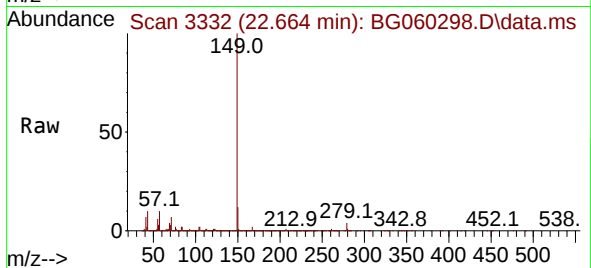
43 8.7 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.750 min Scan# 3687

Delta R.T. 0.011 min

Lab File: BG060298.D

Acq: 10 Jan 2024 12:55

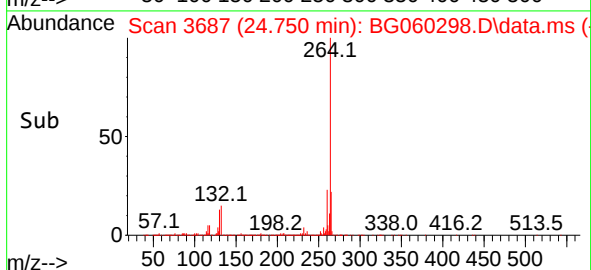
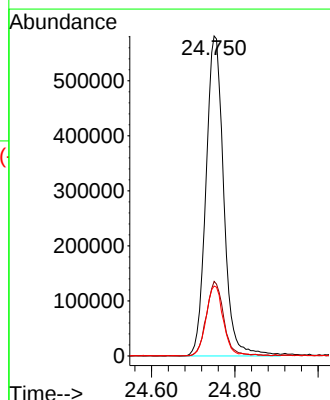
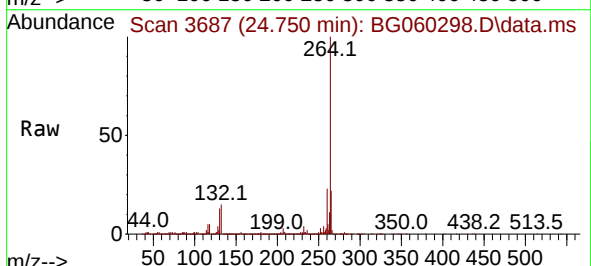
Tgt Ion:264 Resp: 1720939

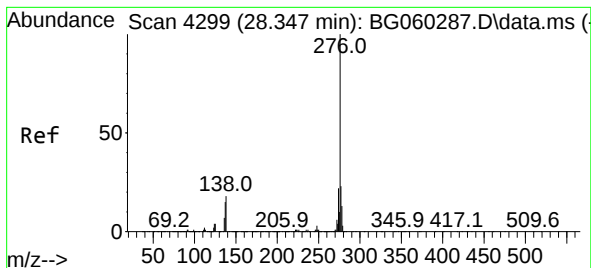
Ion Ratio Lower Upper

264 100

260 23.3 17.8 26.6

265 21.9 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.680 ng

RT: 28.370 min Scan# 41

Delta R.T. 0.023 min

Lab File: BG060298.D

Acq: 10 Jan 2024 12:55

Instrument :

BNA_G

ClientSampleId :

SP-A-COMP(0-8)MSD

Tgt Ion:276 Resp: 534635

Ion Ratio Lower Upper

276 100

138 22.0 12.5 18.7

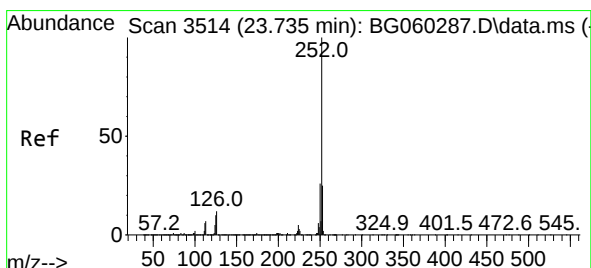
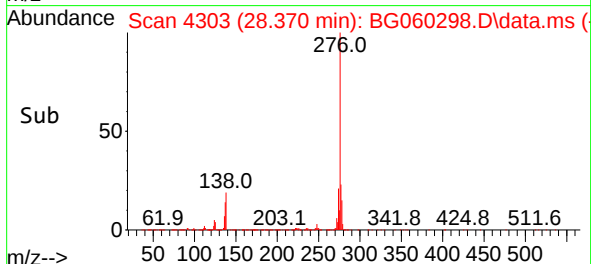
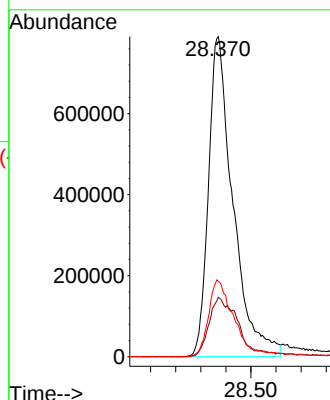
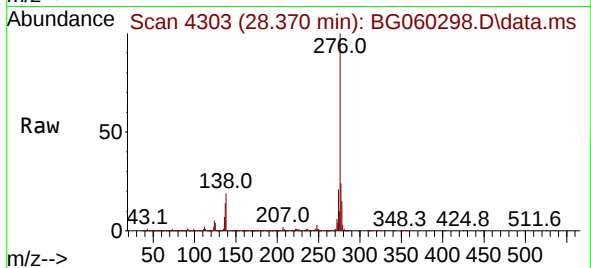
277 24.3 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#88

Benzo(b)fluoranthene

Concen: 44.824 ng

RT: 23.751 min Scan# 3517

Delta R.T. 0.017 min

Lab File: BG060298.D

Acq: 10 Jan 2024 12:55

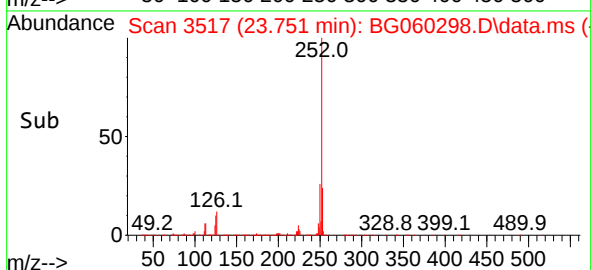
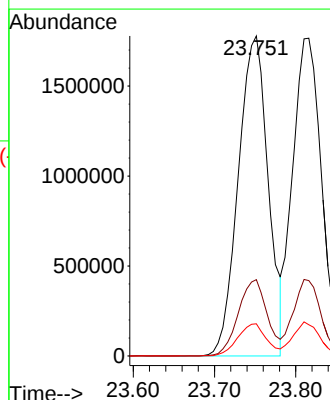
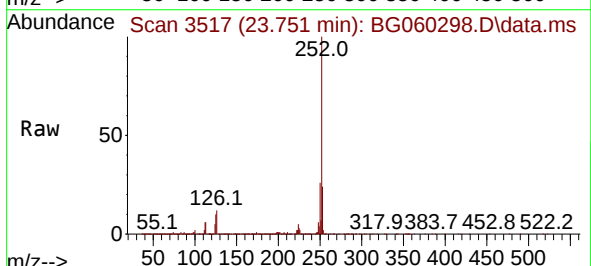
Tgt Ion:252 Resp: 4557101

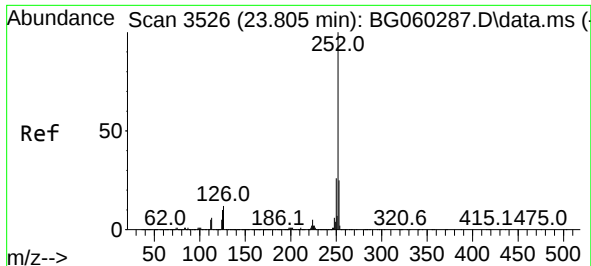
Ion Ratio Lower Upper

252 100

253 23.8 20.0 30.0

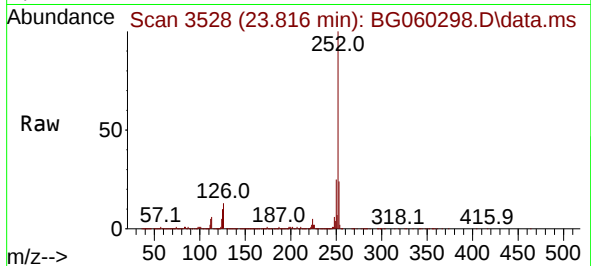
125 10.1 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 44.649 ng
RT: 23.816 min Scan# 3526
Delta R.T. 0.011 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

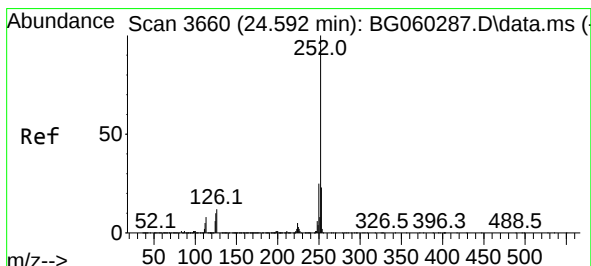
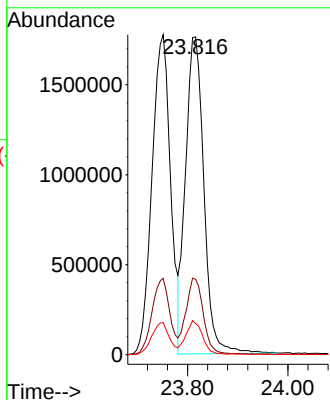
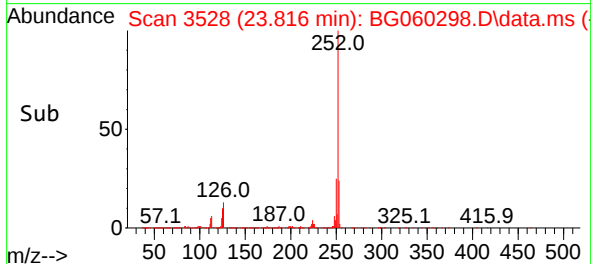
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD



Tgt Ion:252 Resp: 447933
Ion Ratio Lower Upper
252 100
253 23.7 19.6 29.4
125 9.8 8.2 12.2

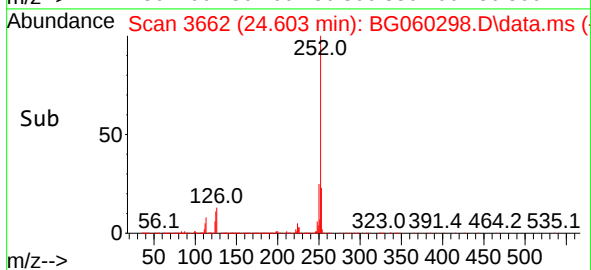
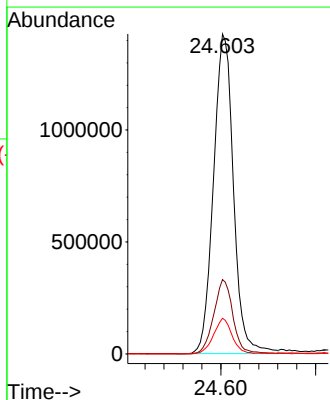
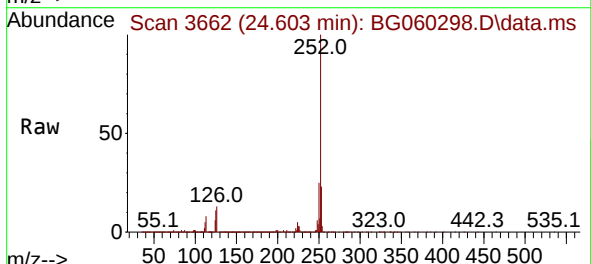
Manual Integrations
APPROVED

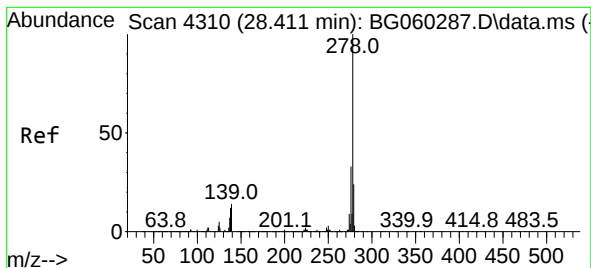
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#90
Benzo(a)pyrene
Concen: 45.533 ng
RT: 24.603 min Scan# 3662
Delta R.T. 0.011 min
Lab File: BG060298.D
Acq: 10 Jan 2024 12:55

Tgt Ion:252 Resp: 4181748
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 11.2 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 44.053 ng

RT: 28.434 min Scan# 41

Delta R.T. 0.023 min

Lab File: BG060298.D

Acq: 10 Jan 2024 12:55

Instrument :

BNA_G

ClientSampleId :

SP-A-COMP(0-8)MSD

Tgt Ion:278 Resp: 430493

Ion Ratio Lower Upper

278 100

139 14.3 10.9 16.3

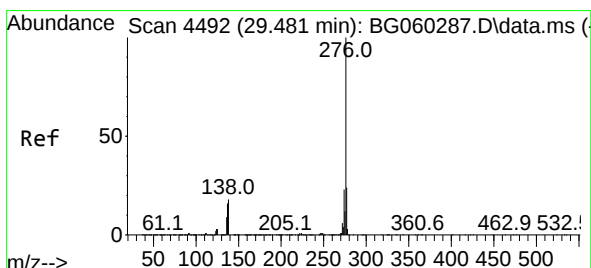
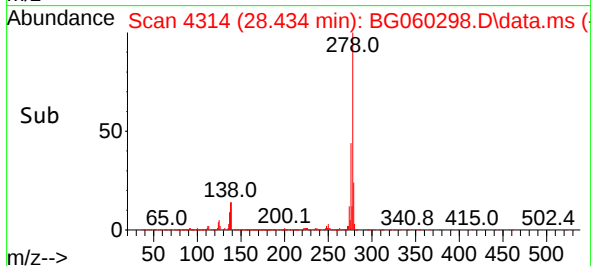
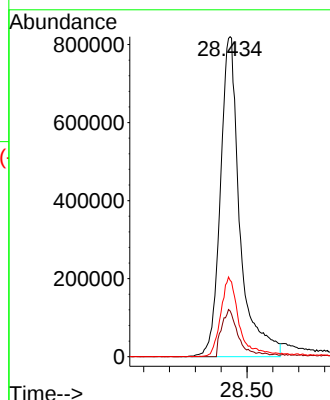
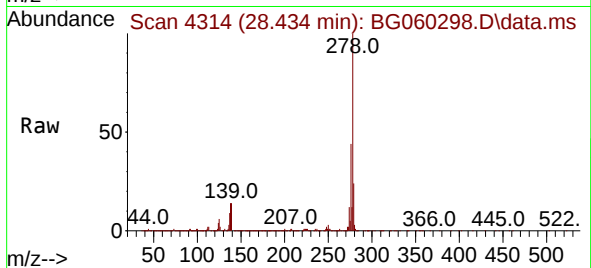
279 23.8 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#92

Benzo(g,h,i)perylene

Concen: 41.799 ng

RT: 29.498 min Scan# 4495

Delta R.T. 0.017 min

Lab File: BG060298.D

Acq: 10 Jan 2024 12:55

Tgt Ion:276 Resp: 4186405

Ion Ratio Lower Upper

276 100

277 23.3 19.4 29.0

138 20.4 14.2 21.4

