

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012324\
 Data File : BG060404.D
 Acq On : 23 Jan 2024 15:09
 Operator : MA/JU
 Sample : IDOC-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-03

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024
 Supervised By :mohammad ahmed 01/25/2024

Quant Time: Jan 23 15:41:38 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	7.930	152	184277	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	783285	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	628472	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	1694860	20.000	ng	0.00
76) Chrysene-d12	21.578	240	1526731	20.000	ng	0.00
86) Perylene-d12	24.745	264	1630805	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	1502052	134.067	ng	0.00
7) Phenol-d6	7.101	99	2392080	144.187	ng	0.00
23) Nitrobenzene-d5	9.093	82	1407685	84.862	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	1371414	148.315	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	3584036	79.287	ng	0.00
79) Terphenyl-d14	19.933	244	5501810	94.979	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.406	88	179538	35.081	ng	99
3) Pyridine	3.793	79	485842	33.647	ng	94
4) n-Nitrosodimethylamine	3.717	42	205795	45.540	ng	99
6) Aniline	7.254	93	673117	40.592	ng	100
8) 2-Chlorophenol	7.495	128	571506	51.471	ng	95
10) Phenol	7.125	94	851892	51.215	ng	99
11) bis(2-Chloroethyl)ether	7.348	93	595438	43.930	ng	96
12) 1,3-Dichlorobenzene	7.818	146	597053	42.840	ng	96
13) 1,4-Dichlorobenzene	7.965	146	592826	41.924	ng	100
14) 1,2-Dichlorobenzene	8.282	146	614564	42.266	ng	98
15) Benzyl Alcohol	8.165	79	557707	51.932	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.453	45	729872m	44.366	ng	
17) 2-Methylphenol	8.370	107	574345	50.272	ng	99
18) Hexachloroethane	9.011	117	203028	40.950	ng	95
19) n-Nitroso-di-n-propyla...	8.729	70	505205	43.999	ng	99
20) 3+4-Methylphenols	8.699	107	787945	51.152	ng	97
22) Acetophenone	8.752	105	943336	43.813	ng	99
24) Nitrobenzene	9.134	77	704144	40.949	ng	98
25) Isophorone	9.651	82	1428676	42.887	ng	99
26) 2-Nitrophenol	9.845	139	319324	50.506	ng	95
27) 2,4-Dimethylphenol	9.904	122	604927	72.408	ng	98
28) bis(2-Chloroethoxy)met...	10.139	93	873964	42.938	ng	99
29) 2,4-Dichlorophenol	10.380	162	683234	50.467	ng	98
30) 1,2,4-Trichlorobenzene	10.591	180	701585	41.655	ng	96
31) Naphthalene	10.785	128	1767800	43.055	ng	99
32) Benzoic acid	10.057	122	380375	50.801	ng	93
33) 4-Chloroaniline	10.891	127	418529	26.455	ng	96
34) Hexachlorobutadiene	11.061	225	449497	40.968	ng	98
35) Caprolactam	11.666	113	252803m	57.976	ng	
36) 4-Chloro-3-methylphenol	12.019	107	727557	52.900	ng	98
37) 2-Methylnaphthalene	12.389	142	1359052	44.629	ng	99
38) 1-Methylnaphthalene	12.612	142	1284311	42.000	ng	98
40) 1,2,4,5-Tetrachloroben...	12.759	216	917192	41.092	ng	98
41) Hexachlorocyclopentadiene	12.736	237	1031971	139.258	ng	98
43) 2,4,6-Trichlorophenol	13.000	196	664469	46.779	ng	98
44) 2,4,5-Trichlorophenol	13.077	196	762173	48.647	ng	98

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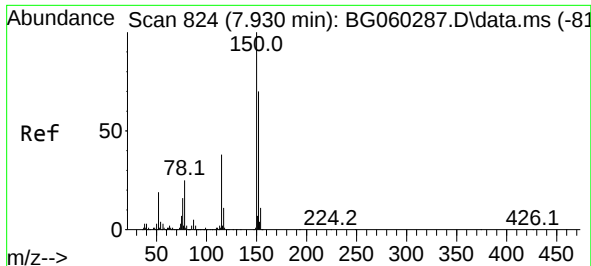
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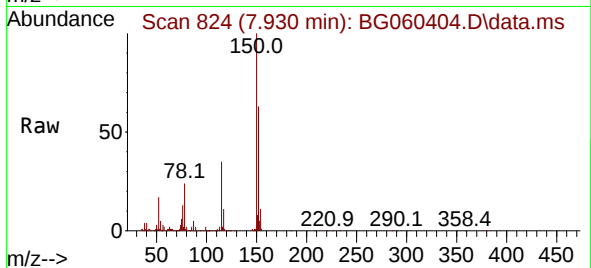
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.400	154	2001298	42.186	ng	99
47) 2-Chloronaphthalene	13.441	162	1661685	40.887	ng	98
48) 2-Nitroaniline	13.652	65	513117	50.698	ng	94
49) Acenaphthylene	14.293	152	2584352	46.178	ng	99
50) Dimethylphthalate	14.023	163	2212569	46.070	ng	99
51) 2,6-Dinitrotoluene	14.140	165	519812	50.723	ng	95
52) Acenaphthene	14.634	154	1570081	45.055	ng	99
53) 3-Nitroaniline	14.475	138	345601	37.010	ng	98
54) 2,4-Dinitrophenol	14.681	184	653371	102.454	ng	98
55) Dibenzofuran	14.969	168	2668950	45.879	ng	98
56) 4-Nitrophenol	14.792	139	838172	121.014	ng	96
57) 2,4-Dinitrotoluene	14.933	165	750670	53.417	ng	94
58) Fluorene	15.615	166	2225067	46.187	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.192	232	714076	53.673	ng	99
60) Diethylphthalate	15.386	149	2249924	48.798	ng	98
61) 4-Chlorophenyl-phenyle...	15.609	204	1210050	45.596	ng	98
62) 4-Nitroaniline	15.644	138	520098	52.332	ng	94
63) Azobenzene	15.903	77	2111807	45.284	ng	97
65) 4,6-Dinitro-2-methylph...	15.697	198	492265	52.501	ng	97
66) n-Nitrosodiphenylamine	15.826	169	2049246	45.536	ng	99
67) 4-Bromophenyl-phenylether	16.502	248	816628	43.850	ng	98
68) Hexachlorobenzene	16.619	284	927912	42.093	ng	98
69) Atrazine	16.772	200	679258	40.029	ng	99
70) Pentachlorophenol	16.966	266	1136621	95.656	ng	94
71) Phenanthrene	17.360	178	3722158	45.435	ng	99
72) Anthracene	17.448	178	3764135	46.022	ng	99
73) Carbazole	17.718	167	3515757	45.595	ng	98
74) Di-n-butylphthalate	18.271	149	3663255	46.173	ng	99
75) Fluoranthene	19.369	202	4193253	42.616	ng	98
77) Benzidine	19.551	184	1137415	34.292	ng	98
78) Pyrene	19.733	202	4373516	44.858	ng	97
80) Butylbenzylphthalate	20.621	149	1749813	52.166	ng	95
81) Benzo(a)anthracene	21.561	228	4275548	45.236	ng	100
82) 3,3'-Dichlorobenzidine	21.479	252	1449075	40.034	ng	99
83) Chrysene	21.625	228	4050935	43.579	ng	99
84) Bis(2-ethylhexyl)phtha...	21.461	149	2478129	48.891	ng	96
85) Di-n-octyl phthalate	22.648	149	4193904	51.059	ng	99
87) Indeno(1,2,3-cd)pyrene	28.359	276	5470363	48.243	ng	# 94
88) Benzo(b)fluoranthene	23.741	252	4629440	48.053	ng	98
89) Benzo(k)fluoranthene	23.805	252	4615092	48.544	ng	99
90) Benzo(a)pyrene	24.593	252	4079198	46.871	ng	98
91) Dibenzo(a,h)anthracene	28.417	278	4522628	48.839	ng	98
92) Benzo(g,h,i)perylene	29.493	276	4425402	46.627	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

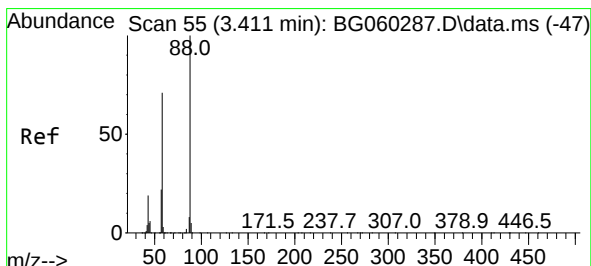
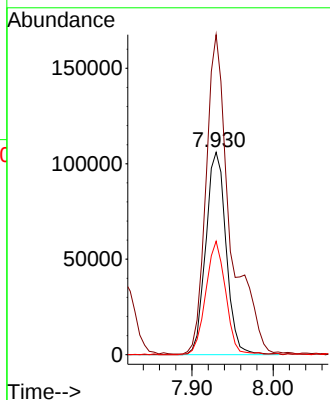
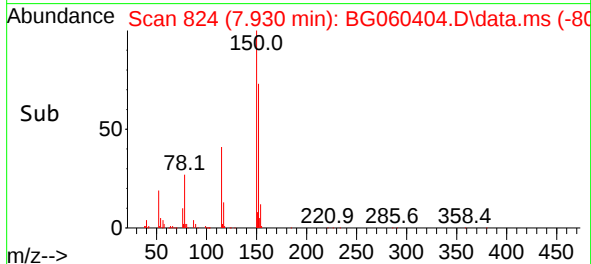
Instrument :
BNA_G
ClientSampleId :
IDOC-03



Tgt Ion:152 Resp: 18427
Ion Ratio Lower Upper
152 100
150 158.1 114.5 171.7
115 56.0 43.0 64.6

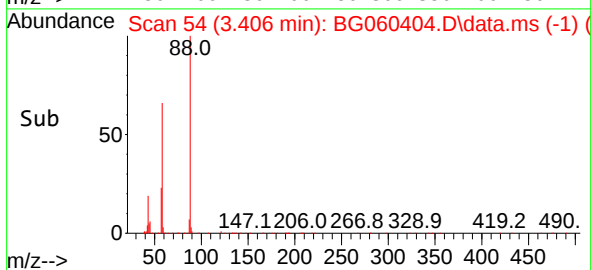
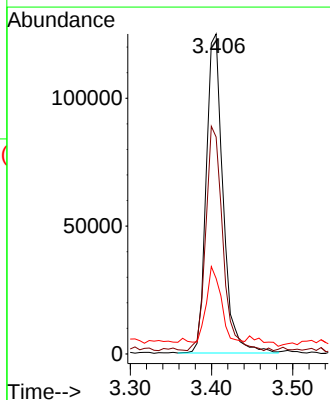
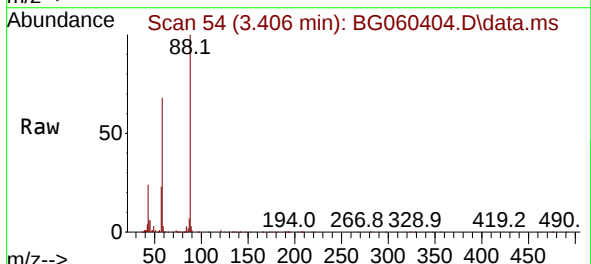
Manual Integrations
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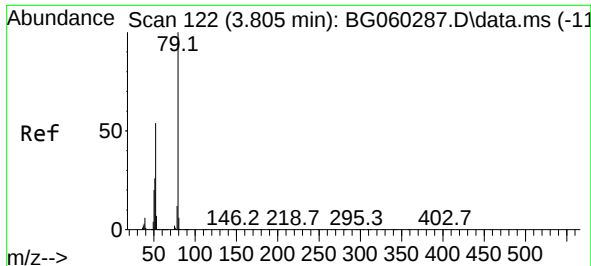
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#2
1,4-Dioxane
Concen: 35.081 ng
RT: 3.406 min Scan# 54
Delta R.T. -0.006 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

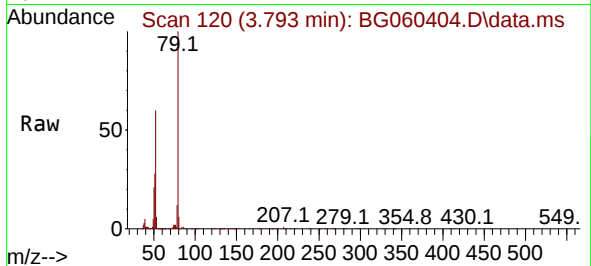
Tgt Ion: 88 Resp: 179538
Ion Ratio Lower Upper
88 100
58 70.6 55.9 83.9
43 21.8 16.6 24.8





#3
Pyridine
Concen: 33.647 ng
RT: 3.793 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

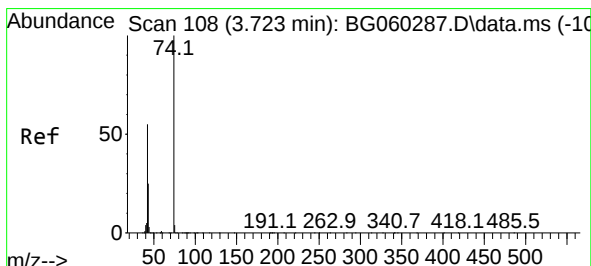
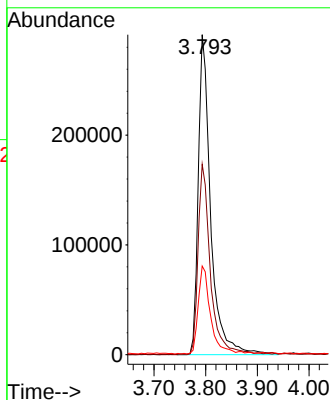
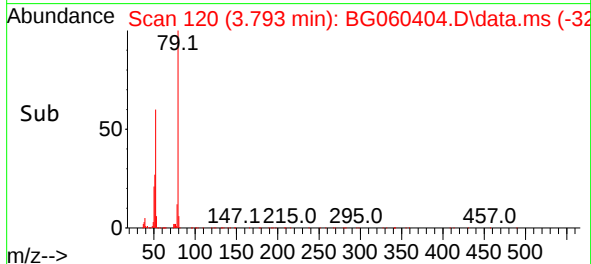
Instrument :
BNA_G
ClientSampleId :
IDOC-03



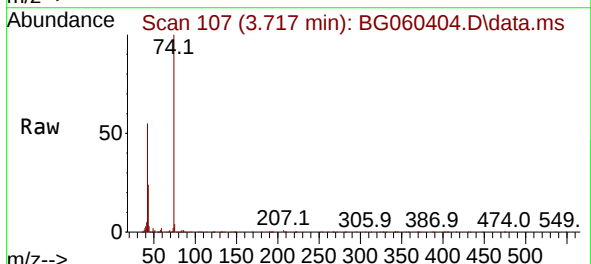
Tgt Ion: 79 Resp: 48584
Ion Ratio Lower Upper
79 100
52 59.5 43.2 64.8
51 27.7 21.4 32.2

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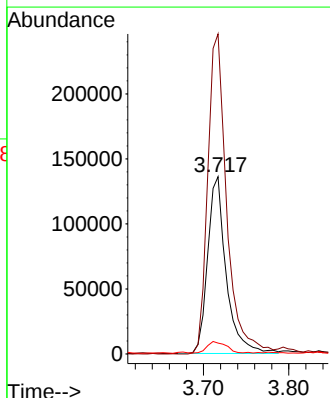
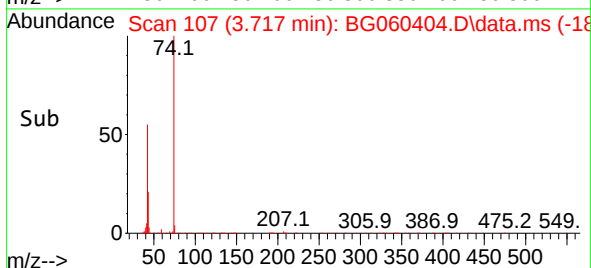
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#4
n-Nitrosodimethylamine
Concen: 45.540 ng
RT: 3.717 min Scan# 107
Delta R.T. -0.006 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09



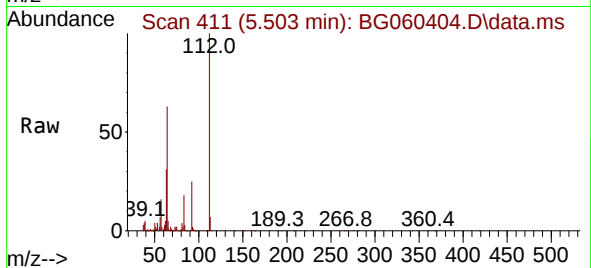
Tgt Ion: 42 Resp: 205795
Ion Ratio Lower Upper
42 100
74 180.5 145.1 217.7
44 6.2 5.2 7.8





#5
2-Fluorophenol
Concen: 134.067 ng
RT: 5.503 min Scan# 411
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

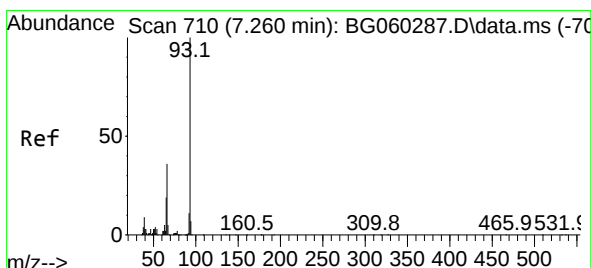
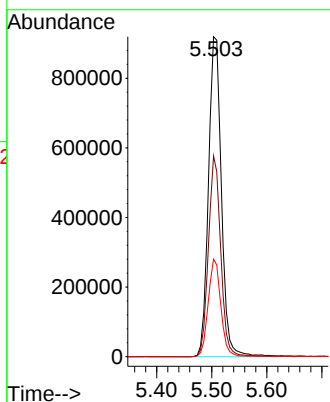
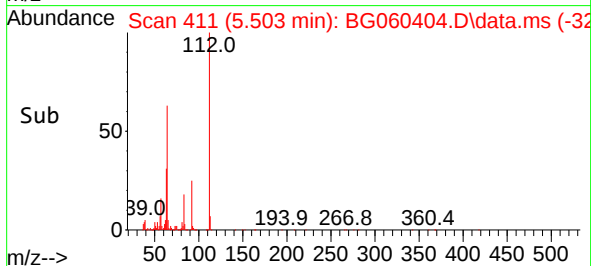
Instrument :
BNA_G
ClientSampleId :
IDOC-03



Tgt Ion:112 Resp: 1502052
Ion Ratio Lower Upper
112 100
64 62.7 49.8 74.6
63 30.5 24.4 36.6

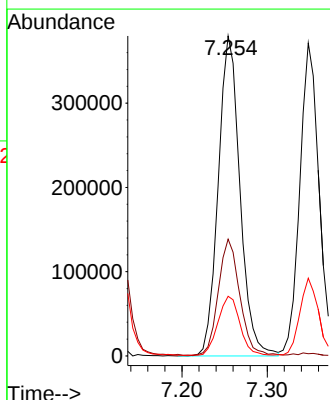
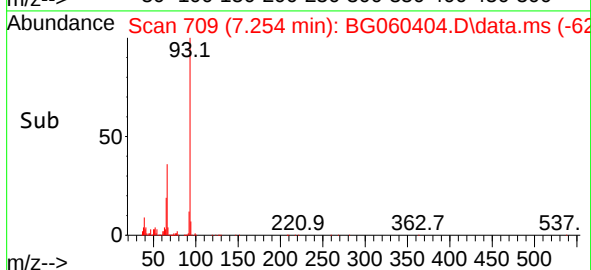
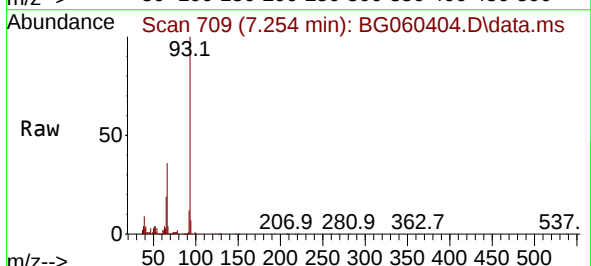
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#6
Aniline
Concen: 40.592 ng
RT: 7.254 min Scan# 709
Delta R.T. -0.006 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

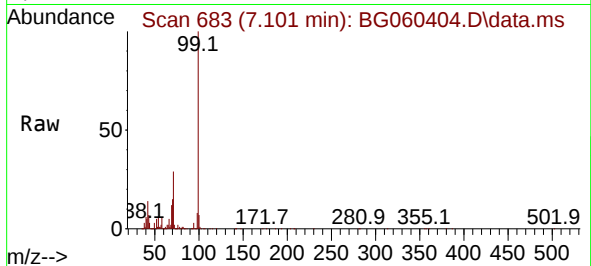
Tgt Ion: 93 Resp: 673117
Ion Ratio Lower Upper
93 100
66 36.5 29.0 43.4
65 18.7 15.1 22.7





#7
Phenol-d6
Concen: 144.187 ng
RT: 7.101 min Scan# 682
Delta R.T. 0.006 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

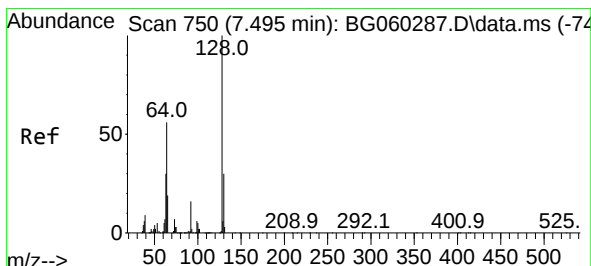
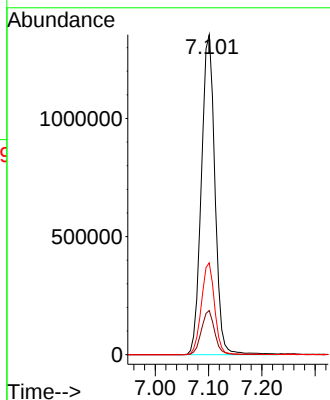
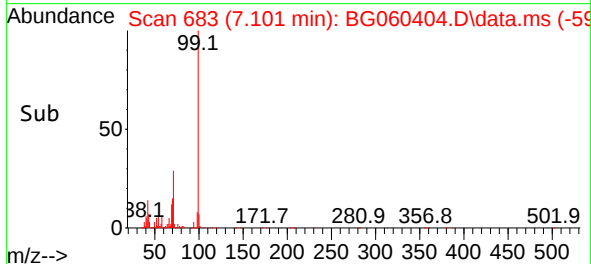
Instrument :
BNA_G
ClientSampleId :
IDOC-03



Tgt Ion: 99 Resp: 2392080
Ion Ratio Lower Upper
99 100
42 13.8 10.9 16.3
71 28.7 21.5 32.3

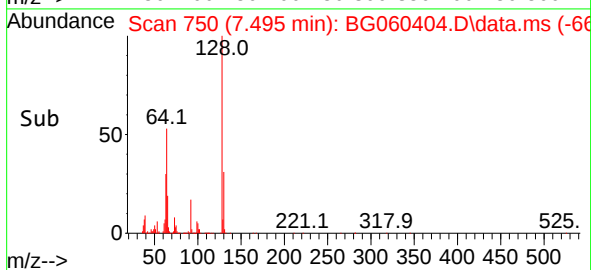
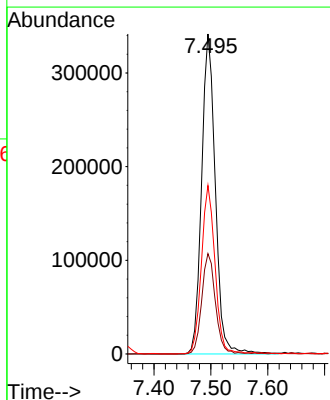
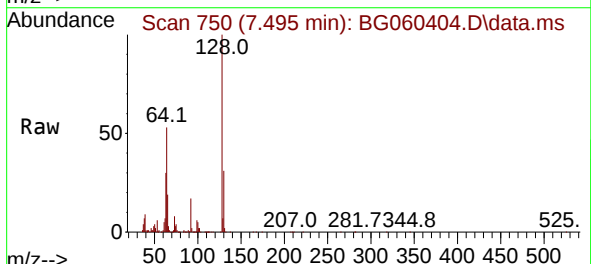
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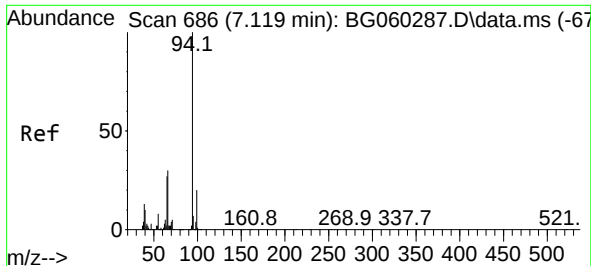
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#8
2-Chlorophenol
Concen: 51.471 ng
RT: 7.495 min Scan# 750
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

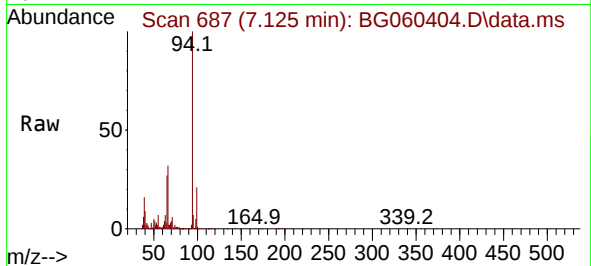
Tgt Ion:128 Resp: 571506
Ion Ratio Lower Upper
128 100
130 31.3 9.9 49.9
64 52.7 37.8 77.8





#10
Phenol
Concen: 51.215 ng
RT: 7.125 min Scan# 687
Delta R.T. 0.006 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

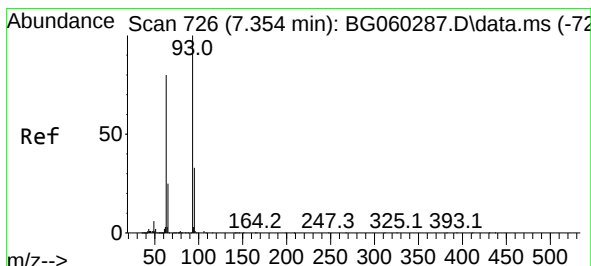
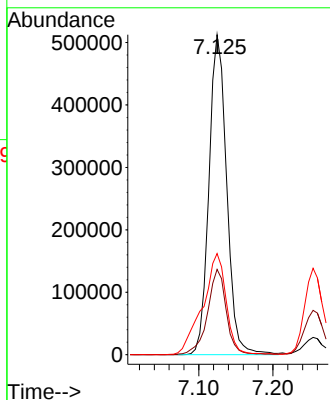
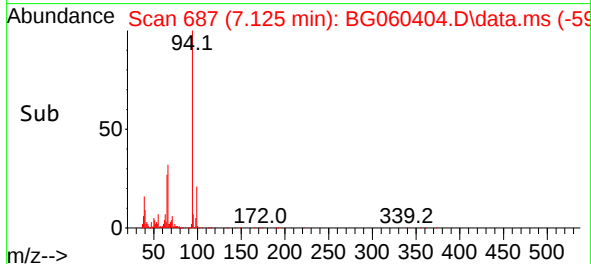
Instrument :
BNA_G
ClientSampleId :
IDOC-03



Tgt Ion: 94 Resp: 851892
Ion Ratio Lower Upper
94 100
65 26.6 6.7 46.7
66 31.6 10.6 50.6

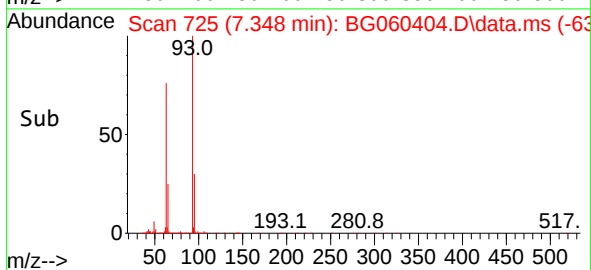
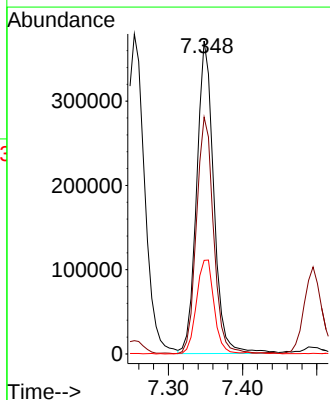
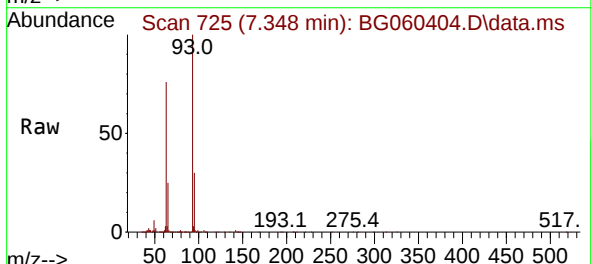
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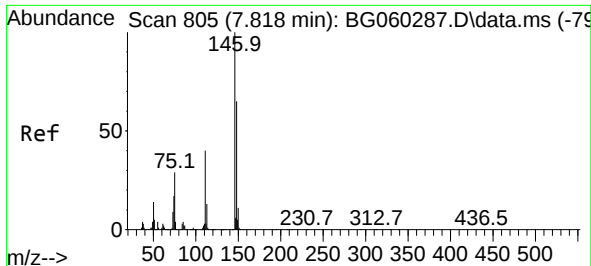
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#11
bis(2-Chloroethyl)ether
Concen: 43.930 ng
RT: 7.348 min Scan# 725
Delta R.T. -0.006 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

Tgt Ion: 93 Resp: 595438
Ion Ratio Lower Upper
93 100
63 75.7 59.3 99.3
95 29.9 12.8 52.8





#12

1,3-Dichlorobenzene

Concen: 42.840 ng

RT: 7.818 min Scan# 805

Delta R.T. 0.000 min

Lab File: BG060404.D

Acq: 23 Jan 2024 15:09

Instrument :

BNA_G

ClientSampleId :

IDOC-03

Tgt Ion:146 Resp: 59705

Ion Ratio Lower Upper

146 100

148 62.1 52.3 78.5

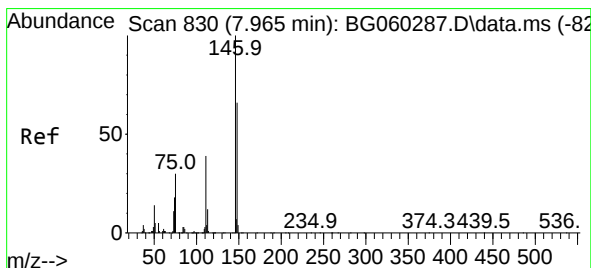
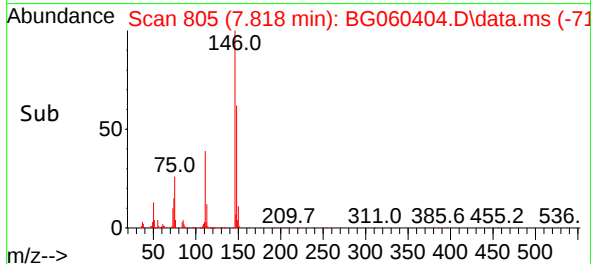
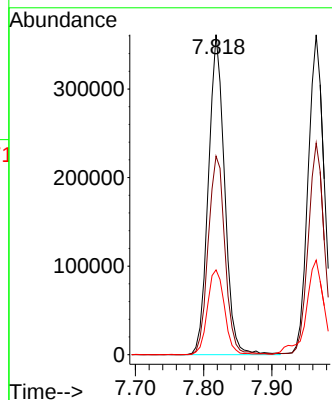
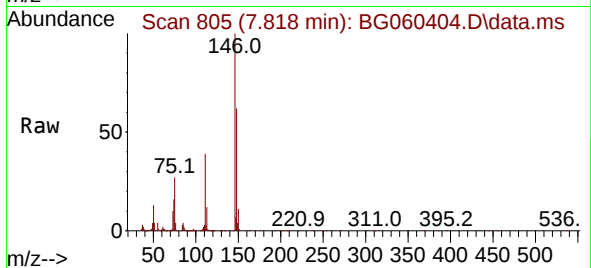
75 26.5 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024

Supervised By :mohammad ahmed 01/25/2024



#13

1,4-Dichlorobenzene

Concen: 41.924 ng

RT: 7.965 min Scan# 830

Delta R.T. 0.000 min

Lab File: BG060404.D

Acq: 23 Jan 2024 15:09

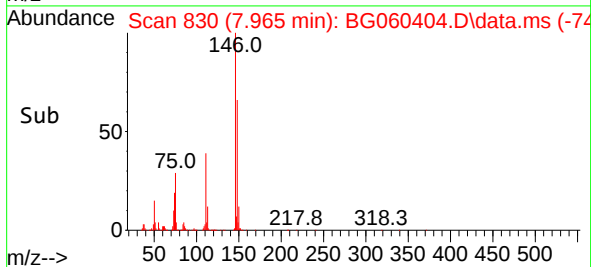
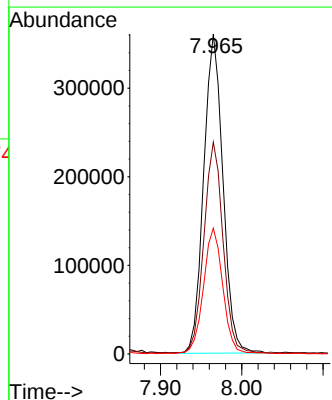
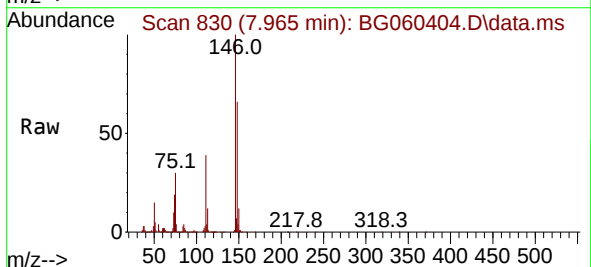
Tgt Ion:146 Resp: 592826

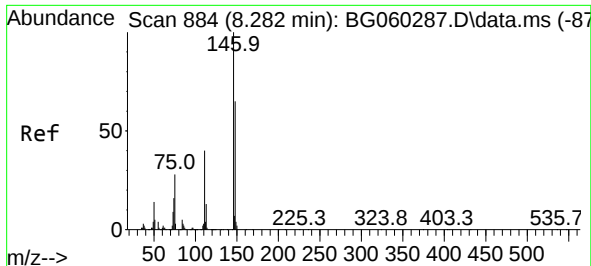
Ion Ratio Lower Upper

146 100

148 66.2 52.7 79.1

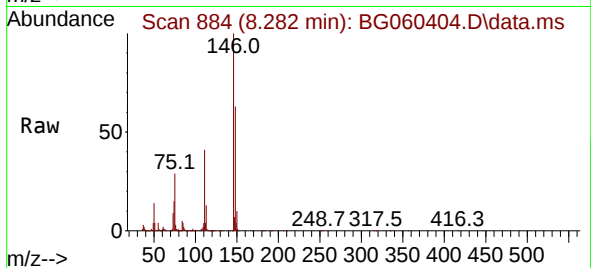
111 39.3 31.4 47.0





#14
1,2-Dichlorobenzene
Concen: 42.266 ng
RT: 8.282 min Scan# 884
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

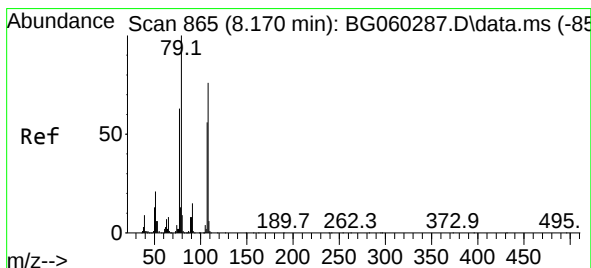
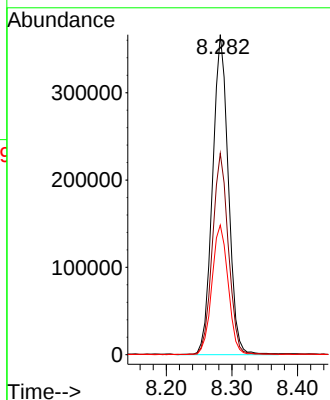
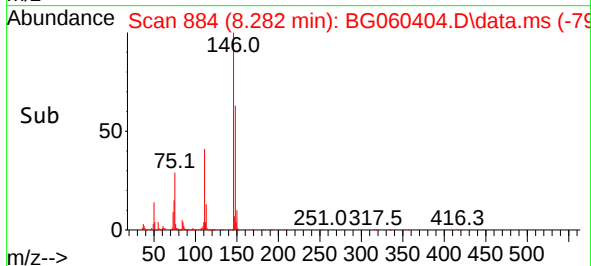
Instrument :
BNA_G
ClientSampleId :
IDOC-03



Tgt Ion:146 Resp: 614564
Ion Ratio Lower Upper
146 100
148 62.9 51.8 77.8
111 40.5 32.6 48.8

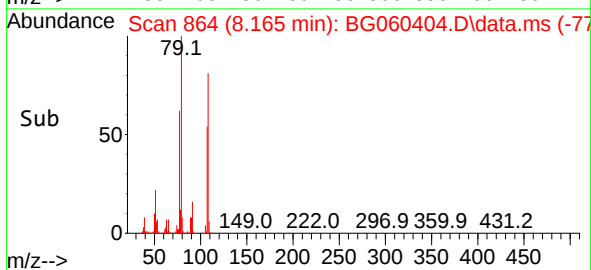
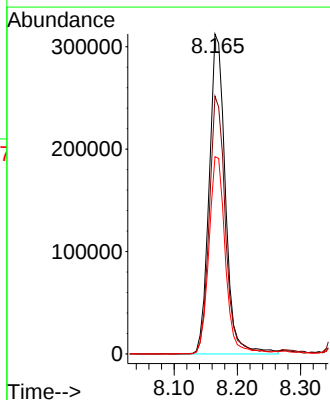
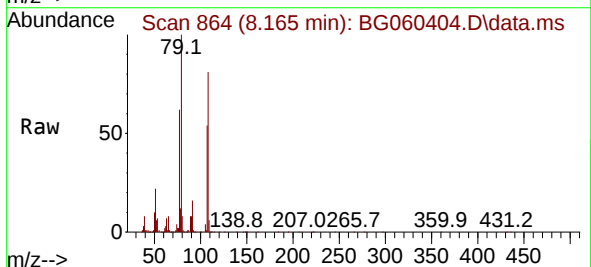
Manual Integrations
APPROVED

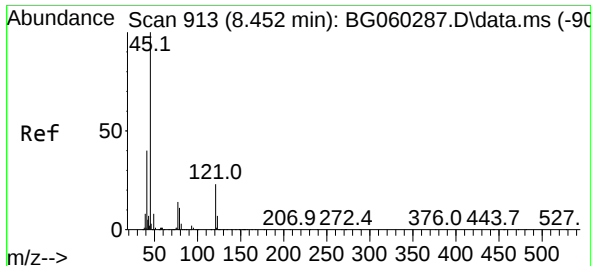
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#15
Benzyl Alcohol
Concen: 51.932 ng
RT: 8.165 min Scan# 864
Delta R.T. -0.006 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

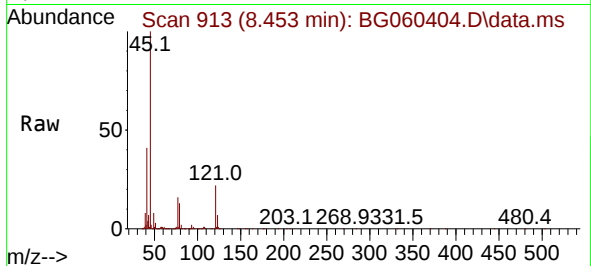
Tgt Ion: 79 Resp: 557707
Ion Ratio Lower Upper
79 100
108 80.5 61.2 91.8
77 61.7 50.3 75.5





#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.366 ng m
RT: 8.453 min Scan# 913
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

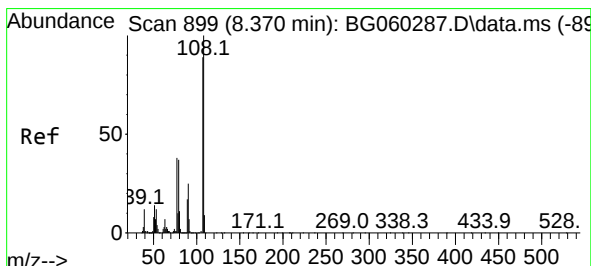
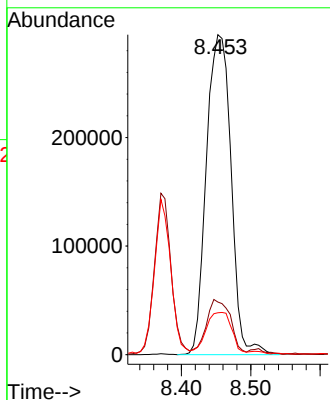
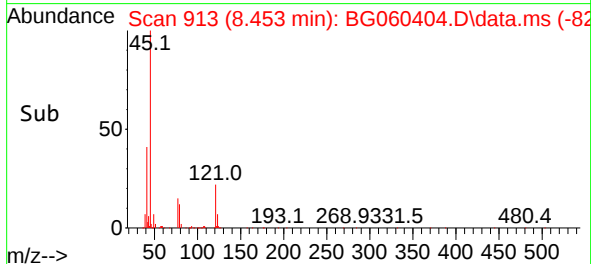
Instrument :
BNA_G
ClientSampleId :
IDOC-03



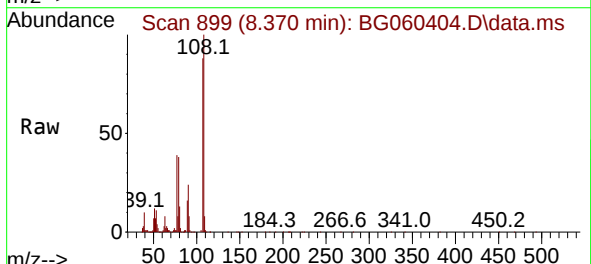
Tgt Ion: 45 Resp: 729872
Ion Ratio Lower Upper
45 100
77 16.5 0.0 37.3
79 13.1 0.0 34.0

Manual Integrations
APPROVED

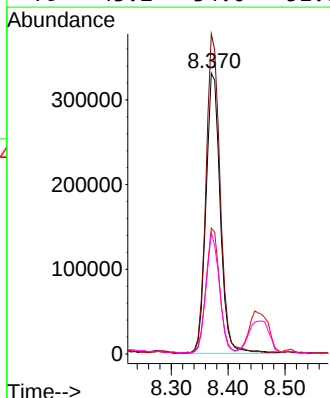
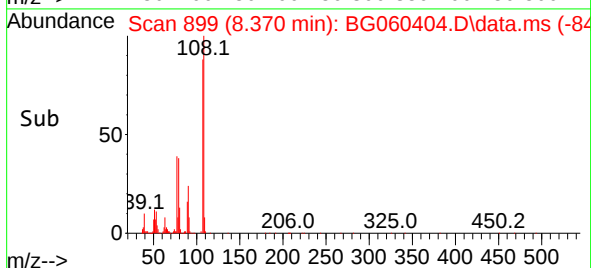
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

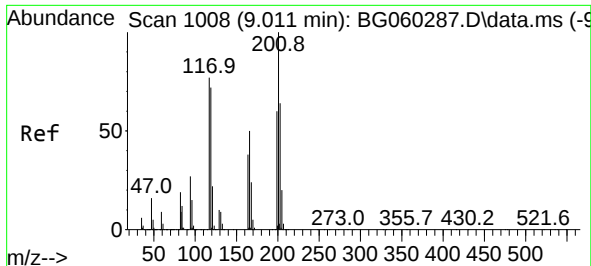


#17
2-Methylphenol
Concen: 50.272 ng
RT: 8.370 min Scan# 899
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09



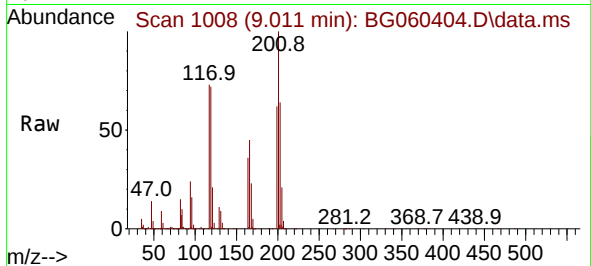
Tgt Ion:107 Resp: 574345
Ion Ratio Lower Upper
107 100
108 113.9 90.5 135.7
77 44.8 35.0 52.6
79 43.2 34.0 51.0





#18
Hexachloroethane
Concen: 40.950 ng
RT: 9.011 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

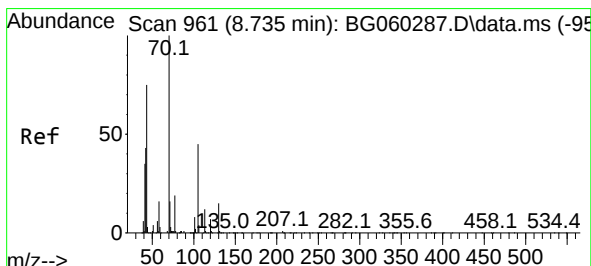
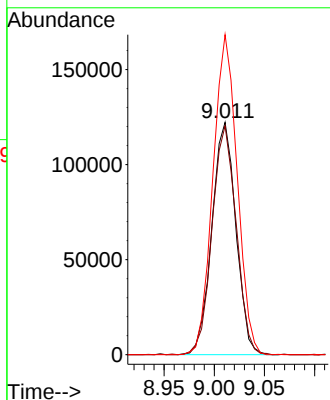
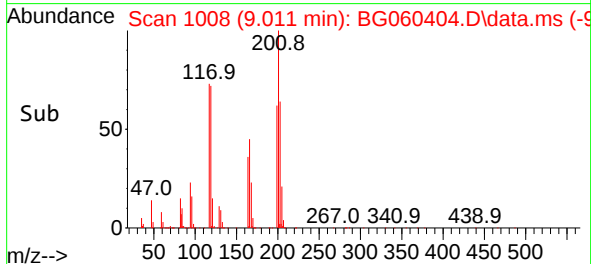
Instrument :
BNA_G
ClientSampleId :
IDOC-03



Tgt Ion:117 Resp: 203028
Ion Ratio Lower Upper
117 100
119 98.5 74.5 111.7
201 137.7 106.3 159.5

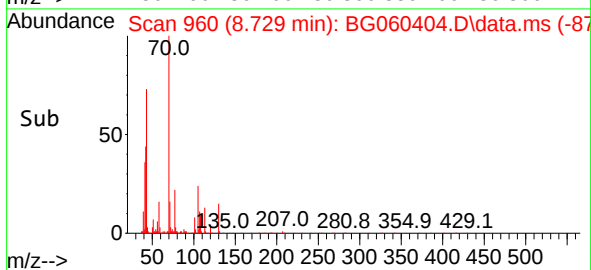
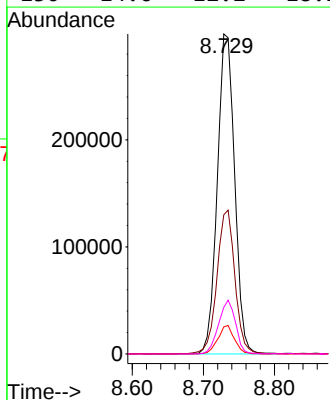
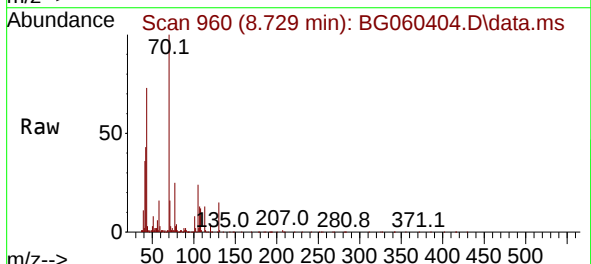
Manual Integrations
APPROVED

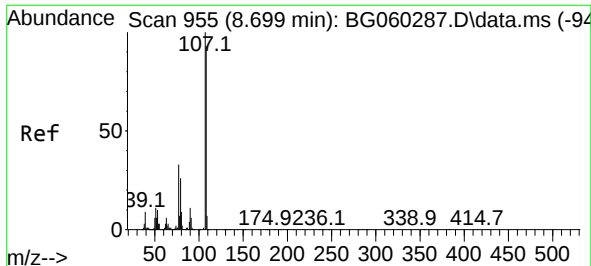
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#19
n-Nitroso-di-n-propylamine
Concen: 43.999 ng
RT: 8.729 min Scan# 960
Delta R.T. -0.006 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

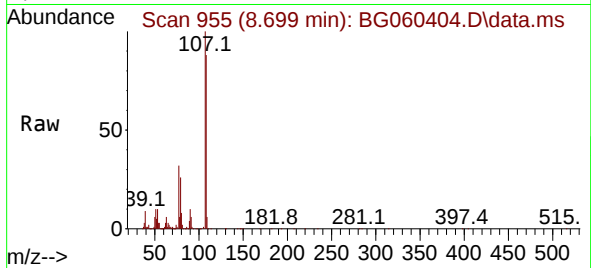
Tgt Ion: 70 Resp: 505205
Ion Ratio Lower Upper
70 100
42 43.5 34.3 51.5
101 8.4 6.2 9.2
130 14.6 12.2 18.2





#20
3+4-Methylphenols
Concen: 51.152 ng
RT: 8.699 min Scan# 955
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

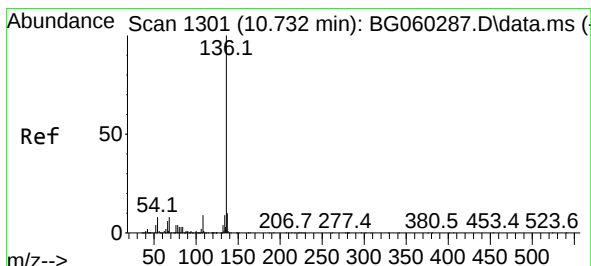
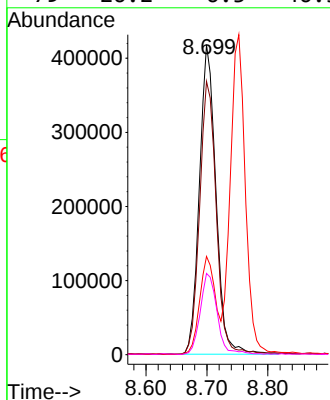
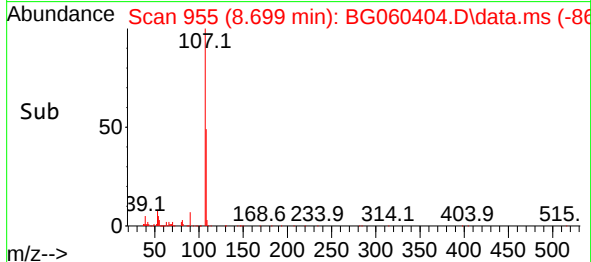
Instrument :
BNA_G
ClientSampleId :
IDOC-03



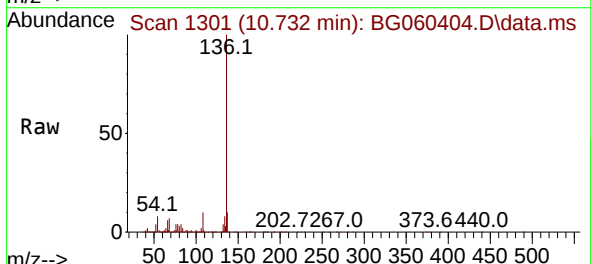
Tgt Ion:107 Resp: 787945
Ion Ratio Lower Upper
107 100
108 88.2 72.5 112.5
77 31.7 13.0 53.0
79 26.2 6.3 46.3

Manual Integrations
APPROVED

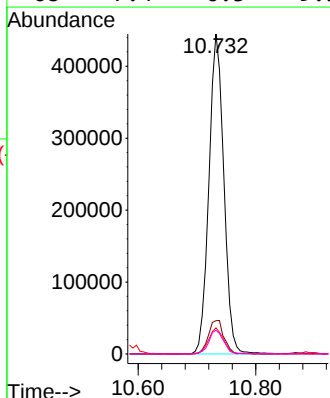
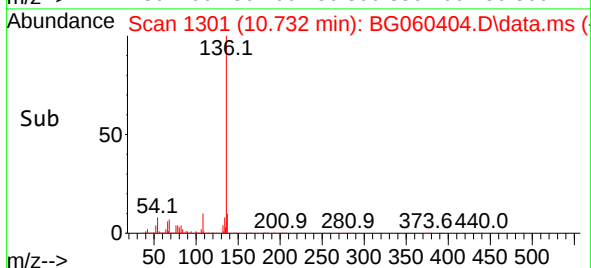
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

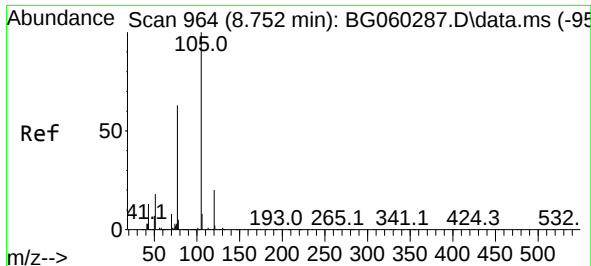


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09



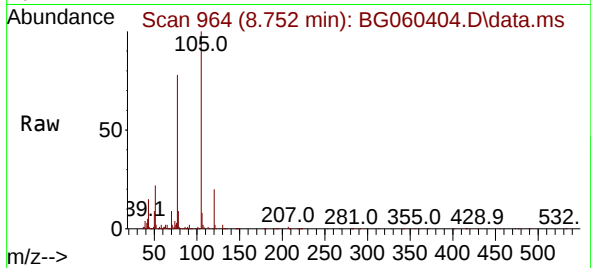
Tgt Ion:136 Resp: 783285
Ion Ratio Lower Upper
136 100
137 10.4 8.2 12.4
54 8.2 6.2 9.2
68 7.4 6.3 9.5





#22
Acetophenone
Concen: 43.813 ng
RT: 8.752 min Scan# 90
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

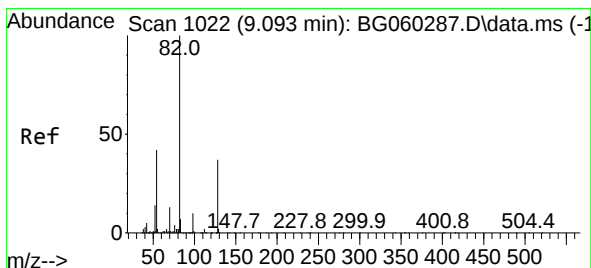
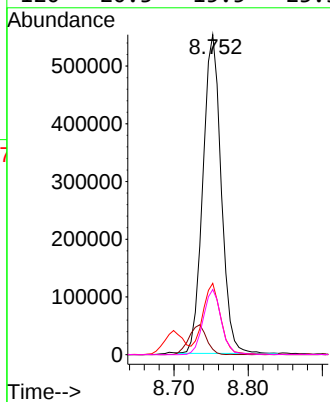
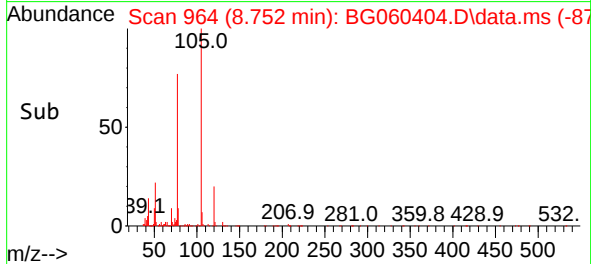
Instrument :
BNA_G
ClientSampleId :
IDOC-03



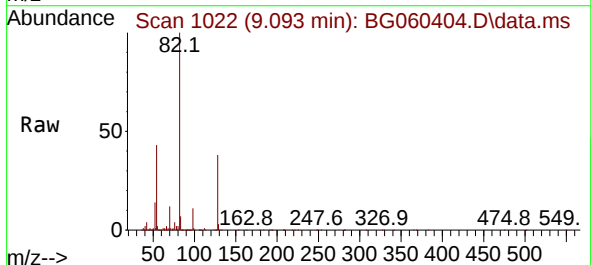
Tgt Ion: 105 Resp: 943330
Ion Ratio Lower Upper
105 100
71 1.7 1.7 2.5
51 22.3 18.2 27.2
120 20.3 15.5 23.3

Manual Integrations
APPROVED

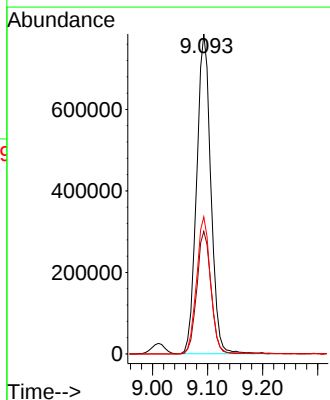
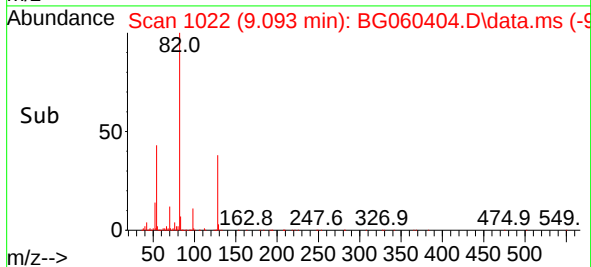
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

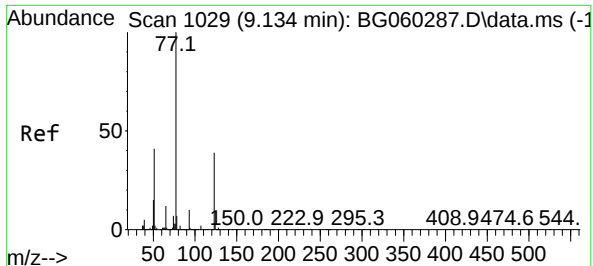


#23
Nitrobenzene-d5
Concen: 84.862 ng
RT: 9.093 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09



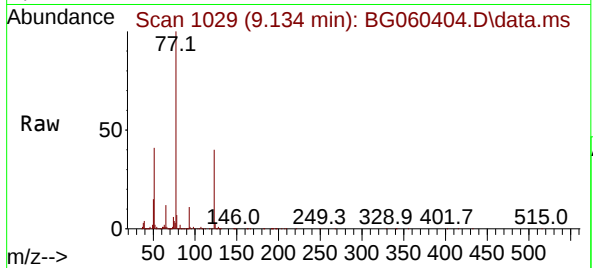
Tgt Ion: 82 Resp: 1407685
Ion Ratio Lower Upper
82 100
128 38.3 29.6 44.4
54 42.8 33.6 50.4





#24
Nitrobenzene
Concen: 40.949 ng
RT: 9.134 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

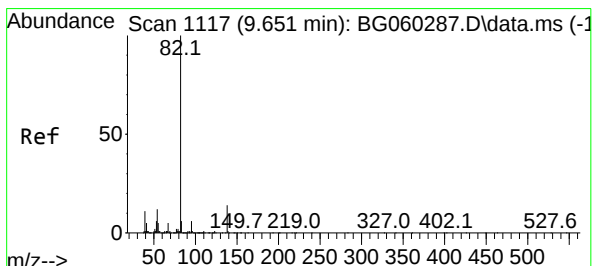
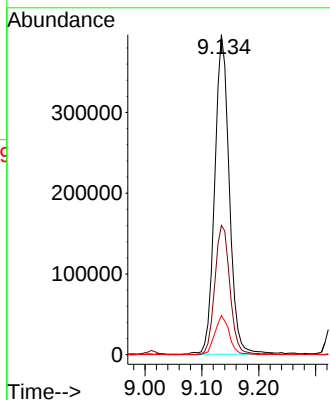
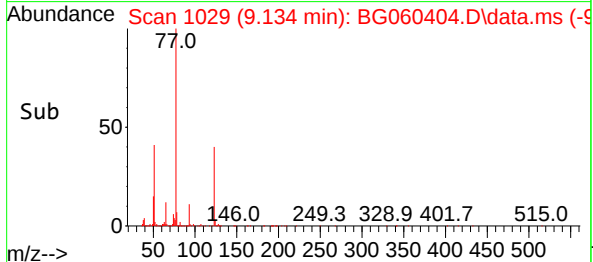
Instrument :
BNA_G
ClientSampleId :
IDOC-03



Tgt Ion: 77 Resp: 704144
Ion Ratio Lower Upper
77 100
123 40.4 31.4 47.0
65 12.2 9.6 14.4

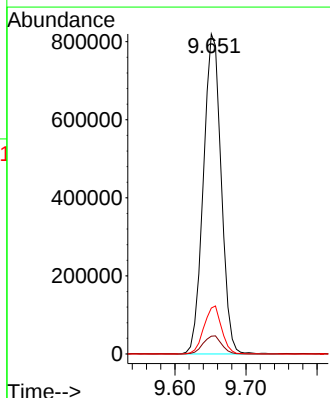
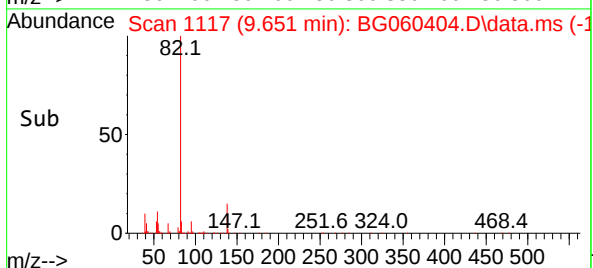
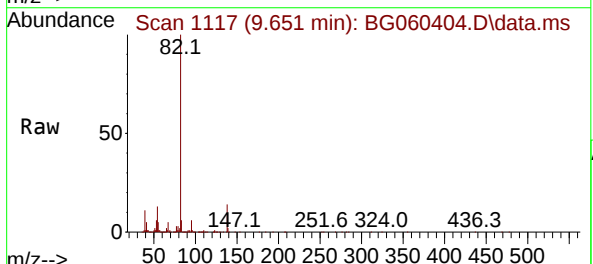
Manual Integrations
APPROVED

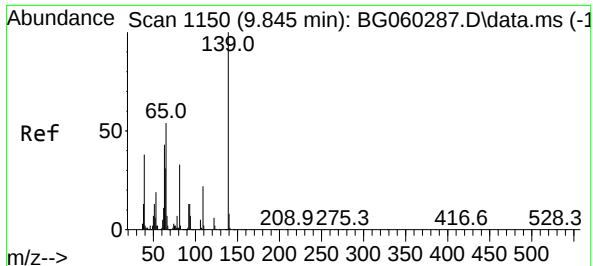
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#25
Isophorone
Concen: 42.887 ng
RT: 9.651 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

Tgt Ion: 82 Resp: 1428676
Ion Ratio Lower Upper
82 100
95 5.5 4.7 7.1
138 14.3 11.1 16.7





#26
2-Nitrophenol
Concen: 50.506 ng
RT: 9.845 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

Instrument :

BNA_G

ClientSampleId :

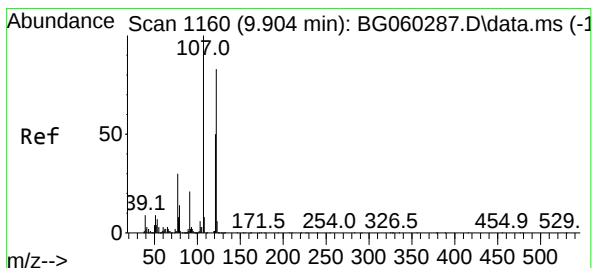
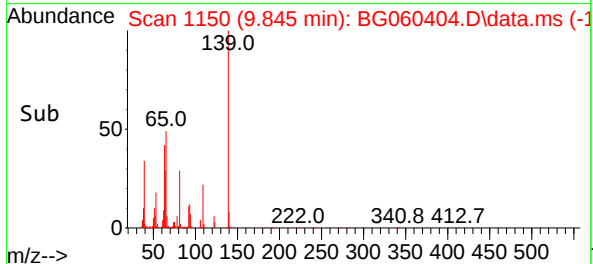
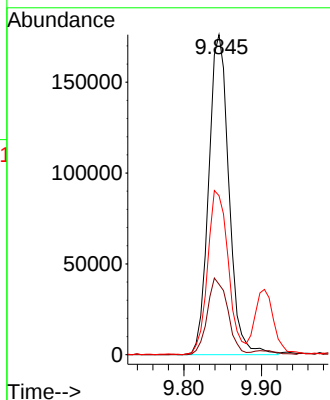
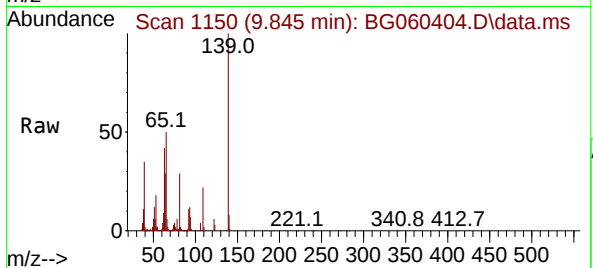
IDOC-03

Tgt Ion:139 Resp: 319324
Ion Ratio Lower Upper
139 100
109 22.0 17.6 26.4
65 49.7 43.6 65.4

Manual Integrations

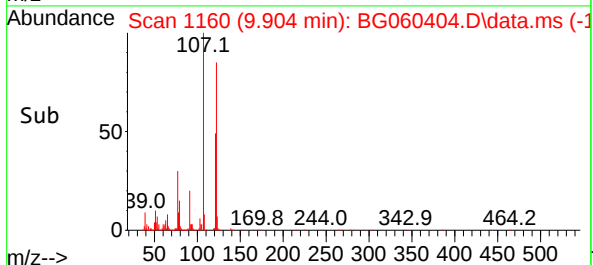
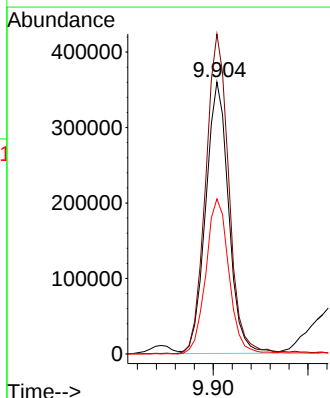
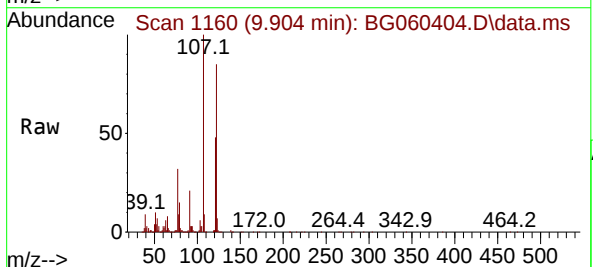
APPROVED

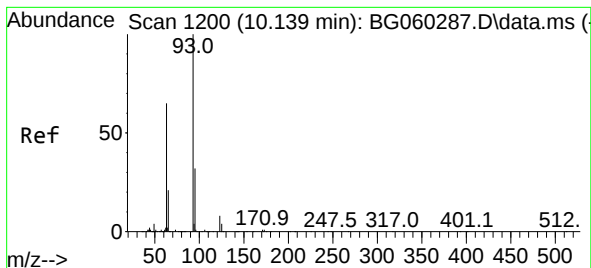
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#27
2,4-Dimethylphenol
Concen: 72.408 ng
RT: 9.904 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

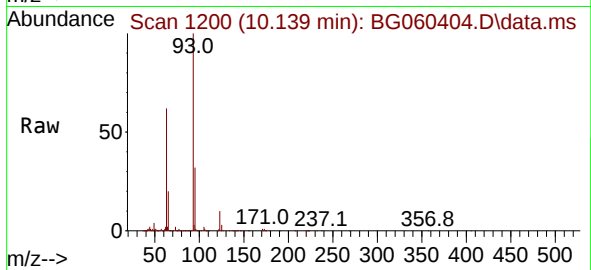
Tgt Ion:122 Resp: 604927
Ion Ratio Lower Upper
122 100
107 117.6 95.4 143.0
121 57.0 47.7 71.5





#28
bis(2-Chloroethoxy)methane
Concen: 42.938 ng
RT: 10.139 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

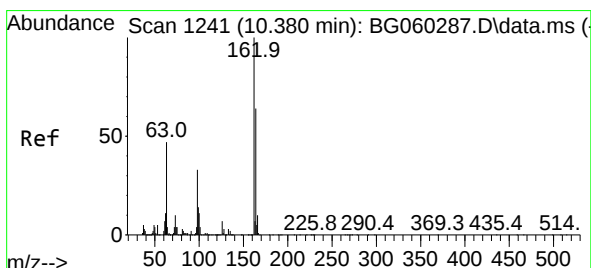
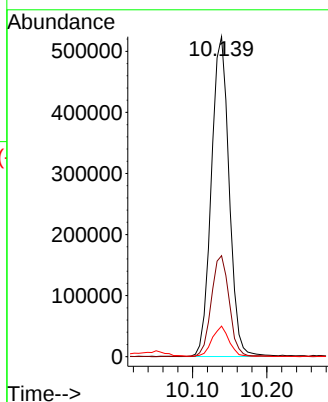
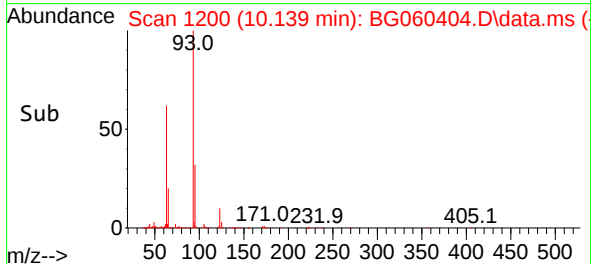
Instrument :
BNA_G
ClientSampleId :
IDOC-03



Tgt Ion: 93 Resp: 873964
Ion Ratio Lower Upper
93 100
95 31.6 25.4 38.0
123 9.5 6.7 10.1

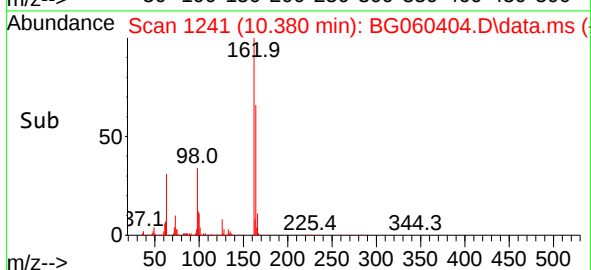
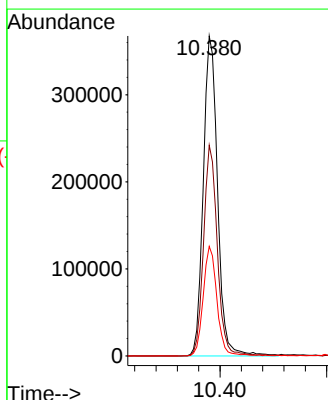
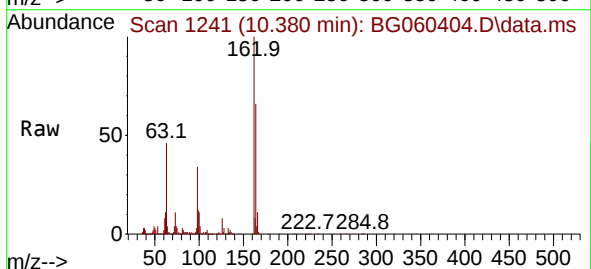
Manual Integrations
APPROVED

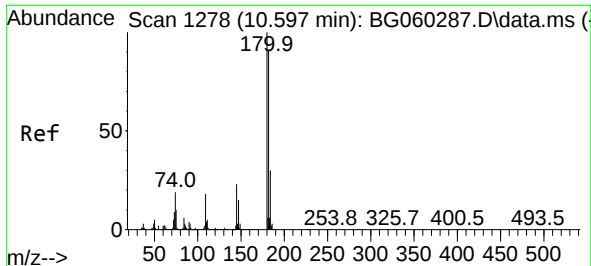
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#29
2,4-Dichlorophenol
Concen: 50.467 ng
RT: 10.380 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

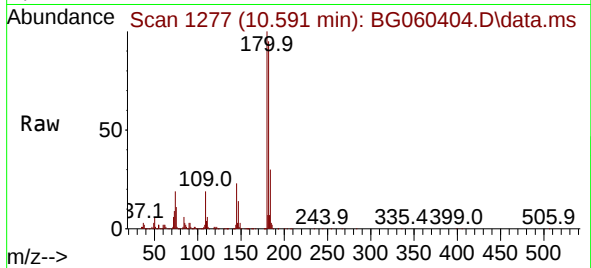
Tgt Ion:162 Resp: 683234
Ion Ratio Lower Upper
162 100
164 65.9 44.3 84.3
98 34.3 13.4 53.4





#30
1,2,4-Trichlorobenzene
Concen: 41.655 ng
RT: 10.591 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

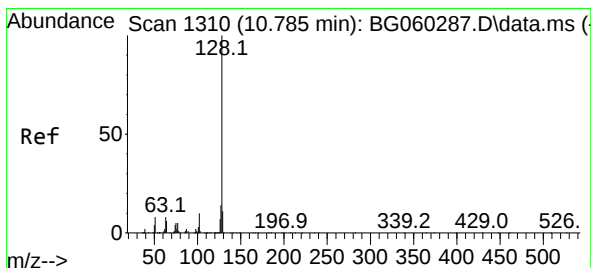
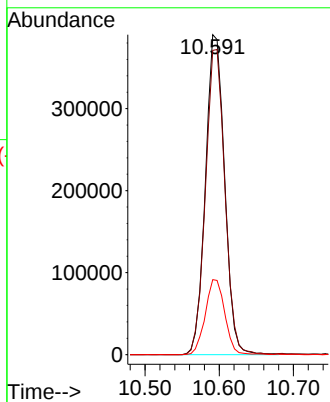
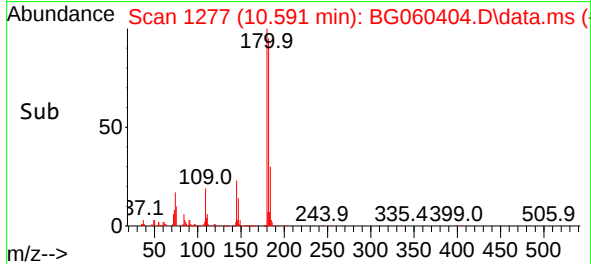
Instrument :
BNA_G
ClientSampleId :
IDOC-03



Tgt Ion:180 Resp: 701585
Ion Ratio Lower Upper
180 100
182 95.1 72.7 109.1
145 23.5 18.2 27.2

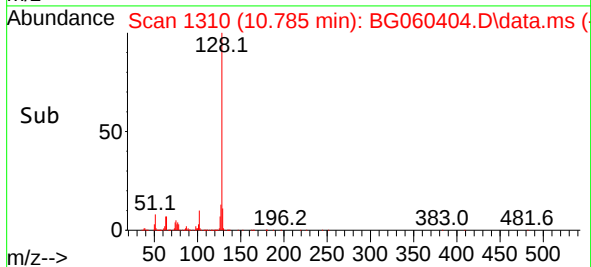
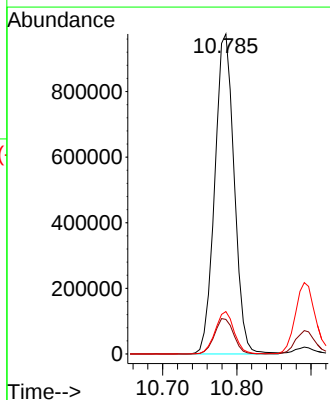
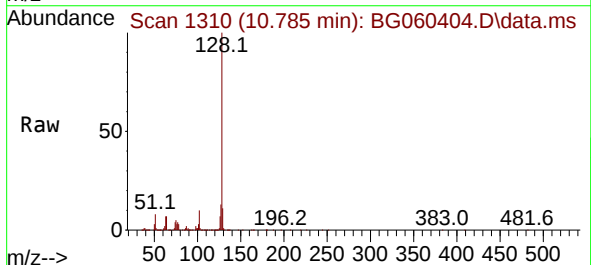
Manual Integrations
APPROVED

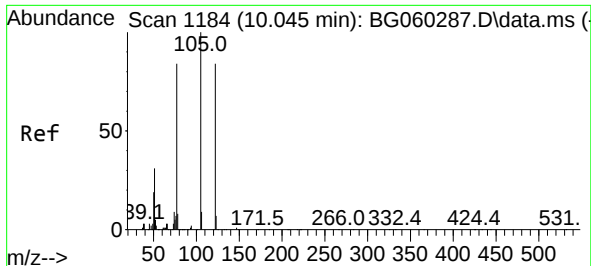
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#31
Naphthalene
Concen: 43.055 ng
RT: 10.785 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

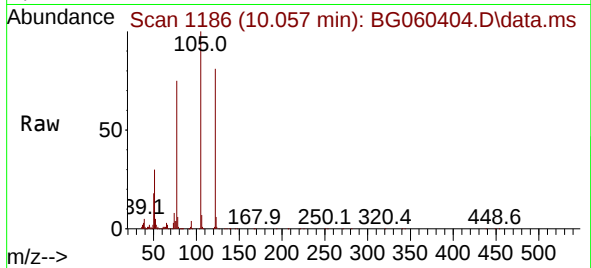
Tgt Ion:128 Resp: 1767800
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.3 10.9 16.3





#32
Benzoic acid
Concen: 50.801 ng
RT: 10.057 min Scan# 1186
Delta R.T. 0.012 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

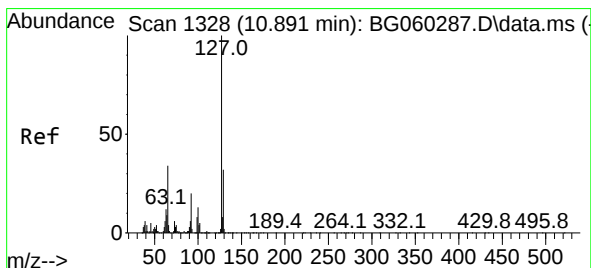
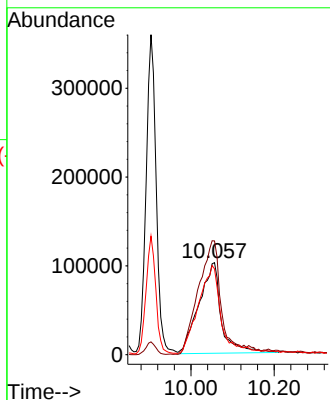
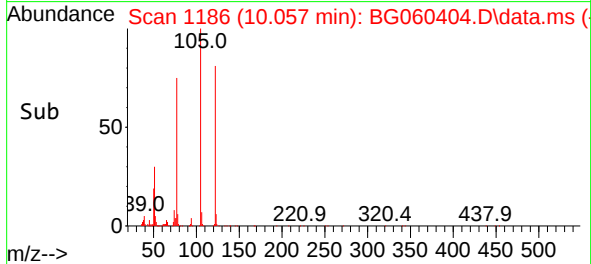
Instrument :
BNA_G
ClientSampleId :
IDOC-03



Tgt Ion:122 Resp: 380375
Ion Ratio Lower Upper
122 100
105 123.8 96.0 136.0
77 93.3 80.1 120.1

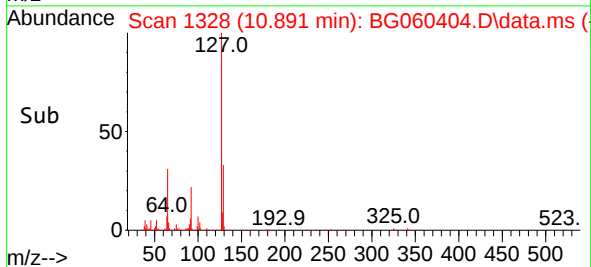
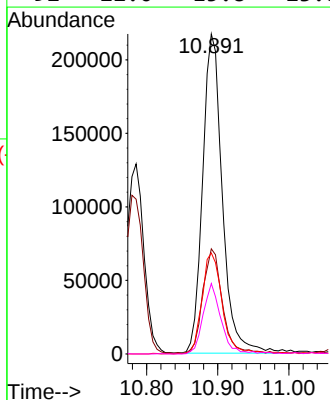
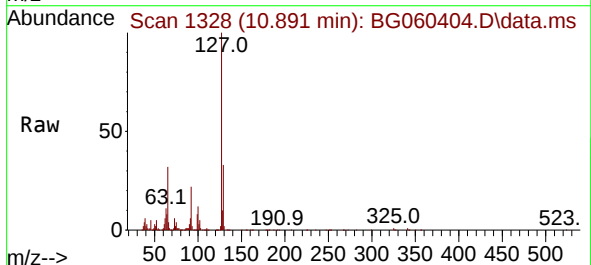
Manual Integrations
APPROVED

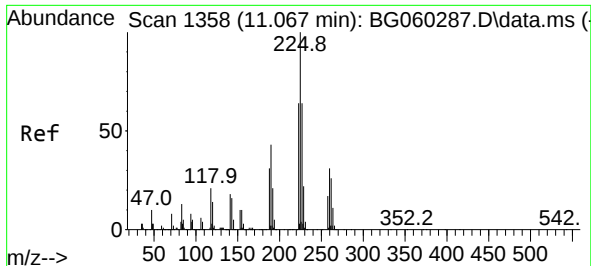
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#33
4-Chloroaniline
Concen: 26.455 ng
RT: 10.891 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

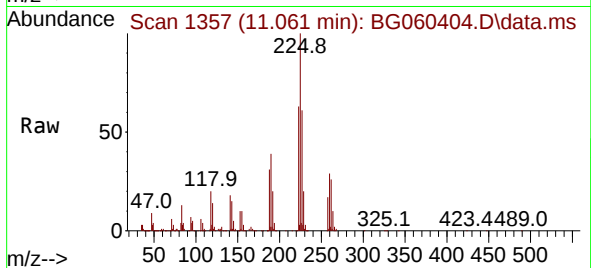
Tgt Ion:127 Resp: 418529
Ion Ratio Lower Upper
127 100
129 32.8 25.5 38.3
65 31.6 27.5 41.3
92 22.0 15.8 23.8





#34
Hexachlorobutadiene
Concen: 40.968 ng
RT: 11.061 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

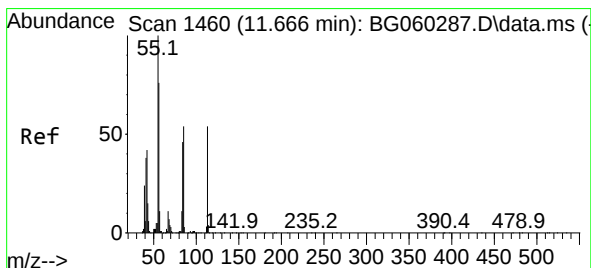
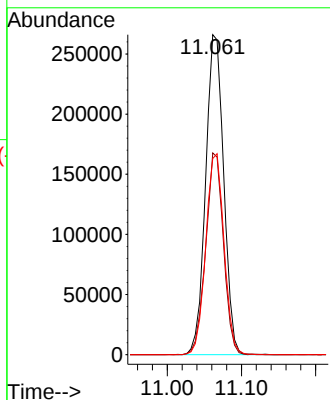
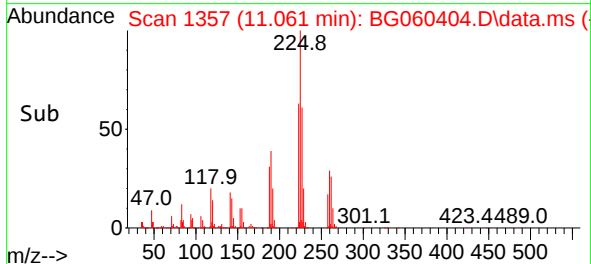
Instrument :
BNA_G
ClientSampleId :
IDOC-03



Tgt Ion:225 Resp: 44949
Ion Ratio Lower Upper
225 100
223 63.1 48.7 73.1
227 61.3 48.7 73.1

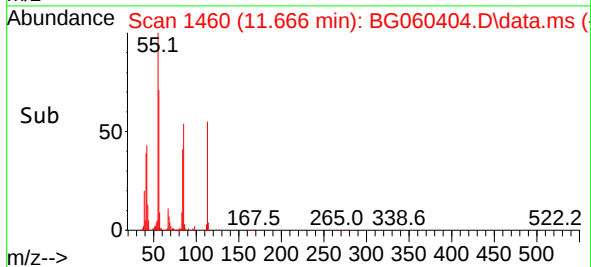
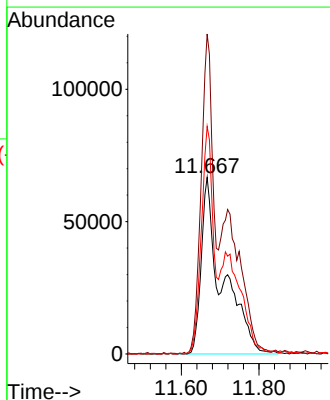
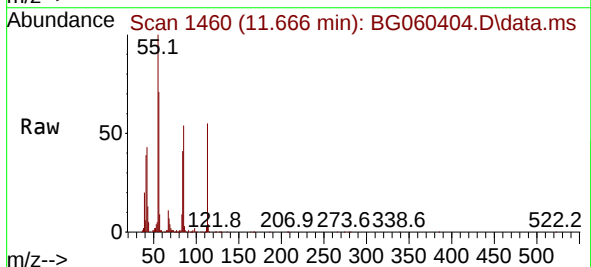
Manual Integrations
APPROVED

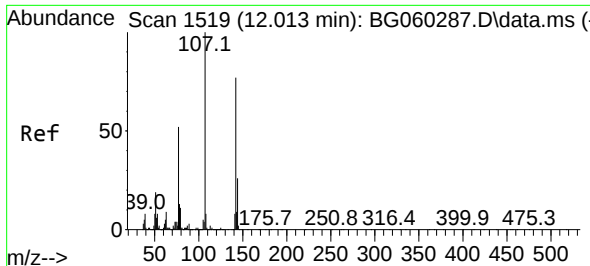
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#35
Caprolactam
Concen: 57.976 ng m
RT: 11.666 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

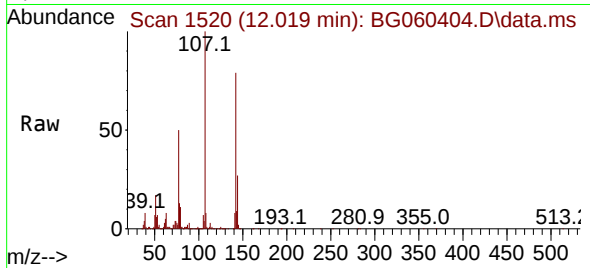
Tgt Ion:113 Resp: 252803
Ion Ratio Lower Upper
113 100
55 181.2 166.4 206.4
56 128.8 121.0 161.0





#36
4-Chloro-3-methylphenol
Concen: 52.900 ng
RT: 12.019 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

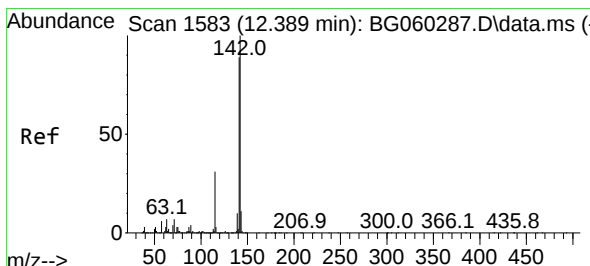
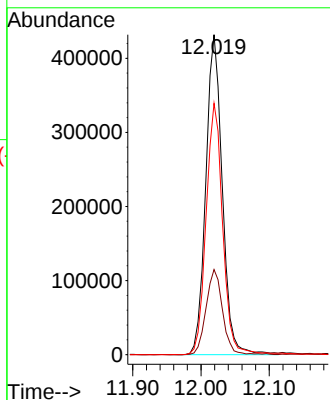
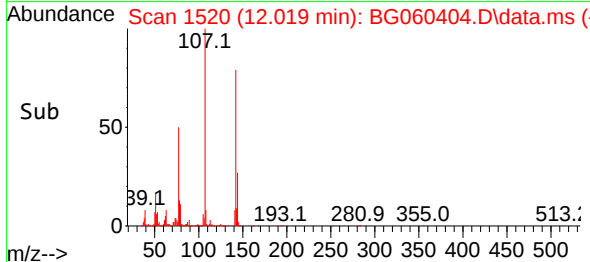
Instrument :
BNA_G
ClientSampleId :
IDOC-03



Tgt Ion:107 Resp: 72755
Ion Ratio Lower Upper
107 100
144 26.6 20.6 31.0
142 78.5 61.5 92.3

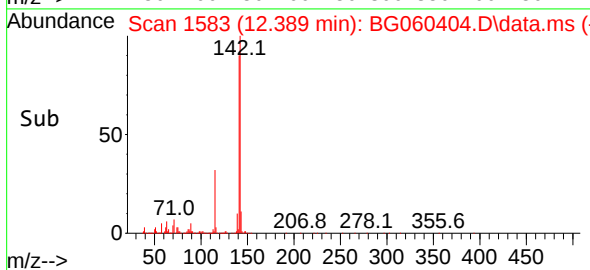
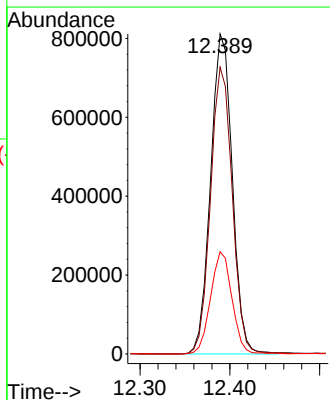
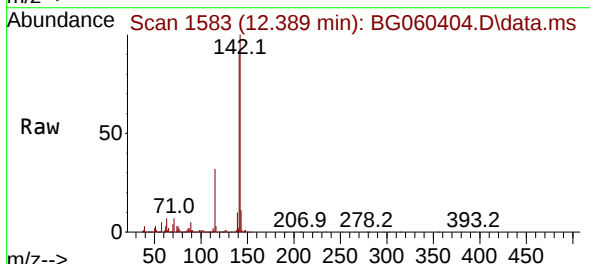
Manual Integrations
APPROVED

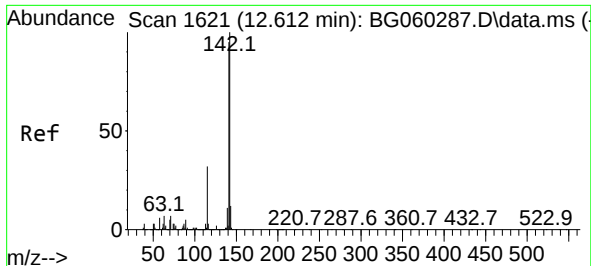
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#37
2-Methylnaphthalene
Concen: 44.629 ng
RT: 12.389 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

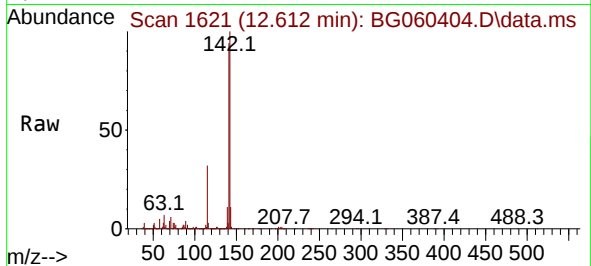
Tgt Ion:142 Resp: 1359052
Ion Ratio Lower Upper
142 100
141 89.6 71.0 106.4
115 32.0 24.7 37.1





#38
1-Methylnaphthalene
Concen: 42.000 ng
RT: 12.612 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

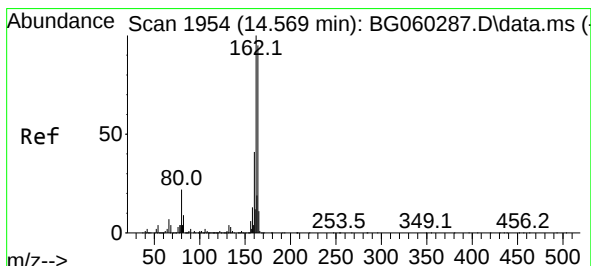
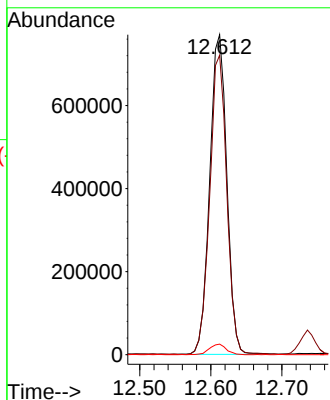
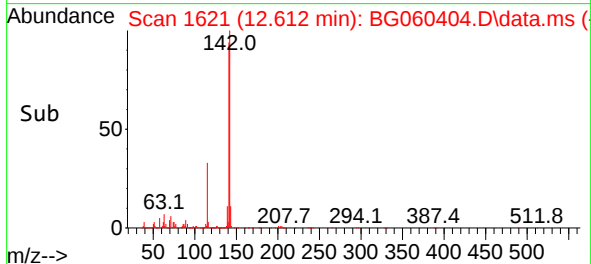
Instrument :
BNA_G
ClientSampleId :
IDOC-03



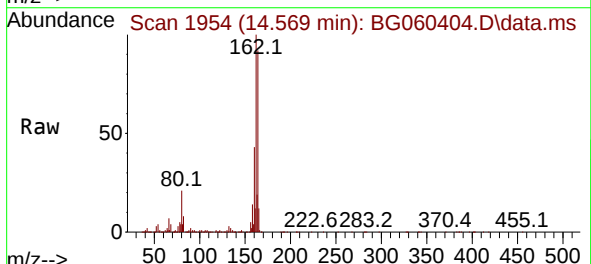
Tgt Ion:142 Resp: 128431
Ion Ratio Lower Upper
142 100
141 93.6 76.2 114.2
116 3.3 2.6 3.8

Manual Integrations
APPROVED

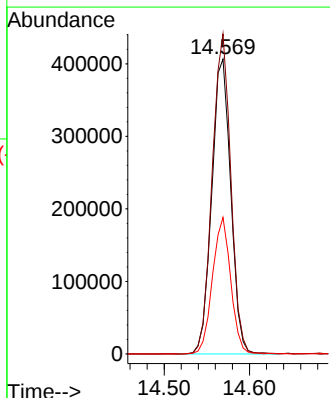
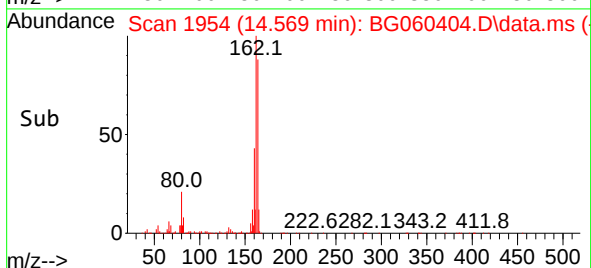
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

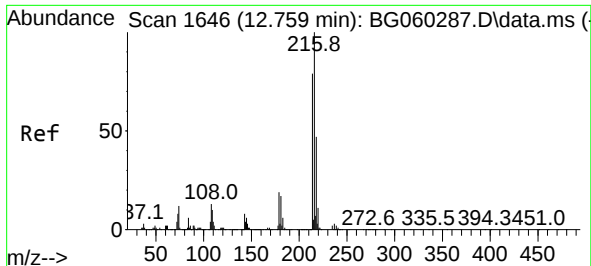


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09



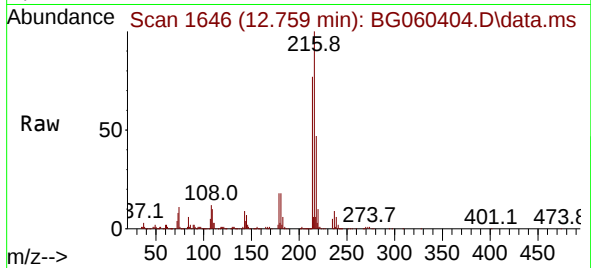
Tgt Ion:164 Resp: 628472
Ion Ratio Lower Upper
164 100
162 108.5 84.4 126.6
160 46.3 34.6 52.0





#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.092 ng
RT: 12.759 min Scan# 1646
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

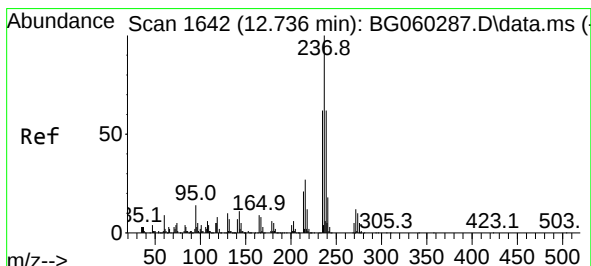
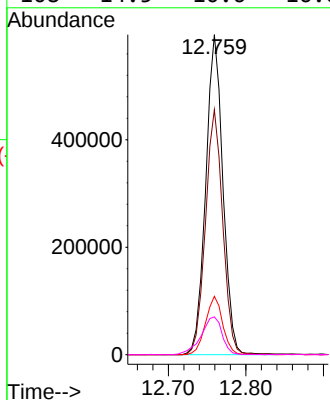
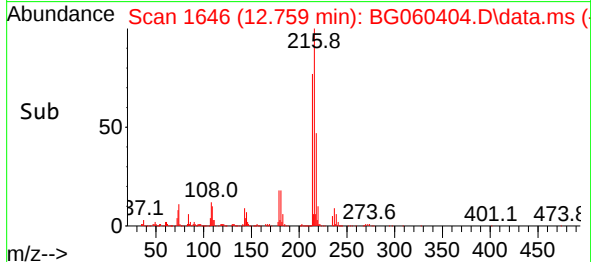
Instrument :
BNA_G
ClientSampleId :
IDOC-03



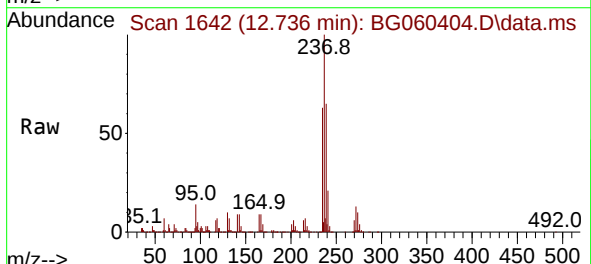
Tgt Ion:216 Resp: 917192
Ion Ratio Lower Upper
216 100
214 76.8 62.6 93.8
179 18.2 14.8 22.2
108 14.5 10.6 16.0

Manual Integrations
APPROVED

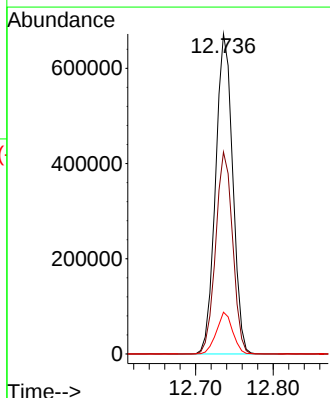
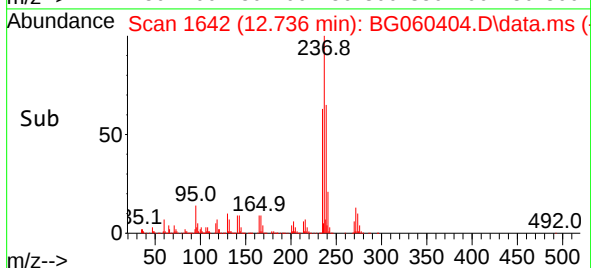
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

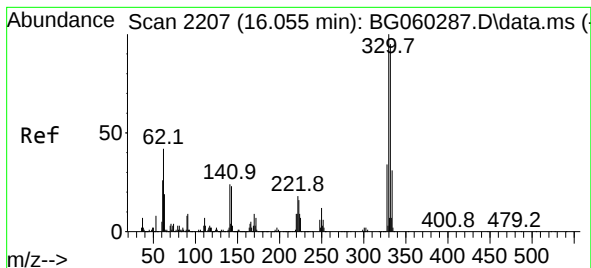


#41
Hexachlorocyclopentadiene
Concen: 139.258 ng
RT: 12.736 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09



Tgt Ion:237 Resp: 1031971
Ion Ratio Lower Upper
237 100
235 63.1 41.6 81.6
272 13.0 0.0 31.8





#42

2,4,6-Tribromophenol

Concen: 148.315 ng

RT: 16.061 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG060404.D

Acq: 23 Jan 2024 15:09

Instrument :

BNA_G

ClientSampleId :

IDOC-03

Tgt Ion:330 Resp: 1371414

Ion Ratio Lower Upper

330 100

332 97.7 76.7 115.1

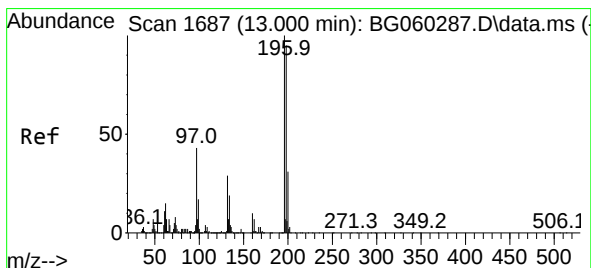
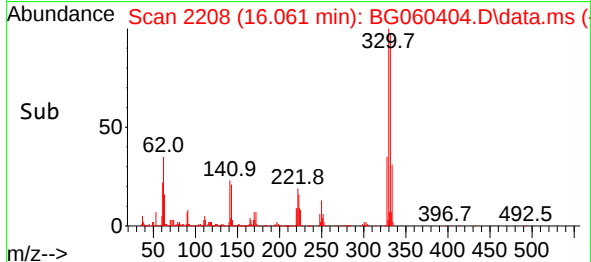
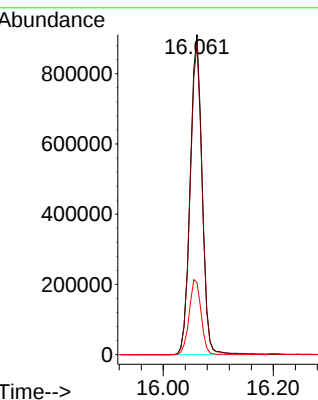
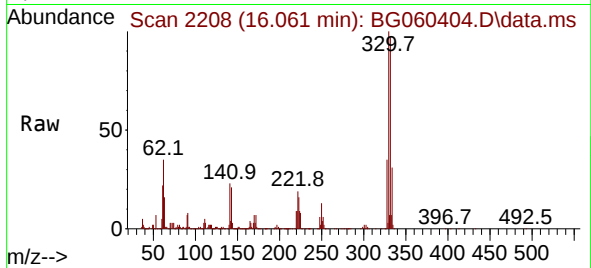
141 23.5 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024

Supervised By :mohammad ahmed 01/25/2024



#43

2,4,6-Trichlorophenol

Concen: 46.779 ng

RT: 13.000 min Scan# 1687

Delta R.T. 0.000 min

Lab File: BG060404.D

Acq: 23 Jan 2024 15:09

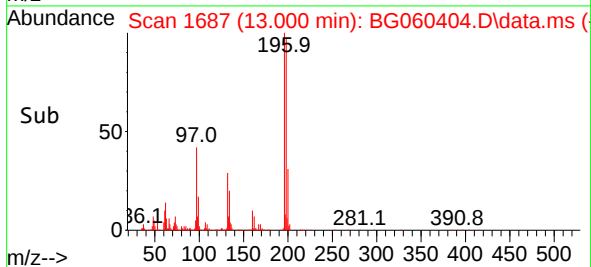
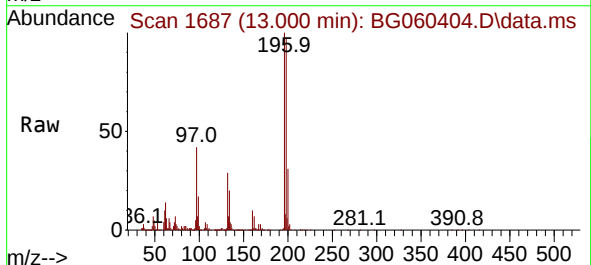
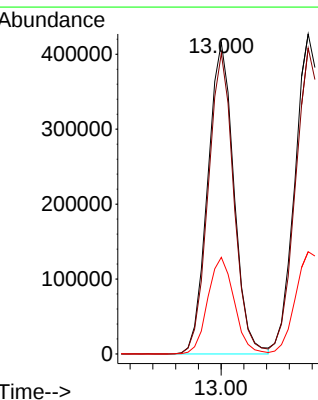
Tgt Ion:196 Resp: 664469

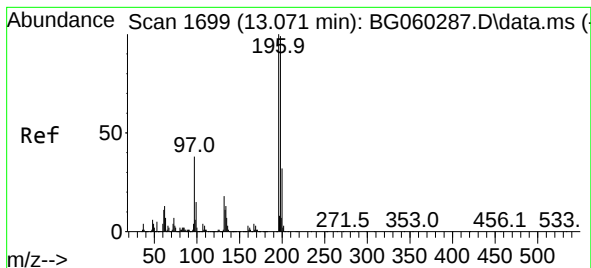
Ion Ratio Lower Upper

196 100

198 96.6 75.7 113.5

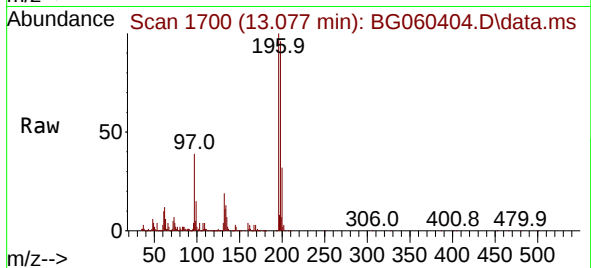
200 31.1 24.7 37.1





#44
2,4,5-Trichlorophenol
Concen: 48.647 ng
RT: 13.077 min Scan# 1699
Delta R.T. 0.006 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

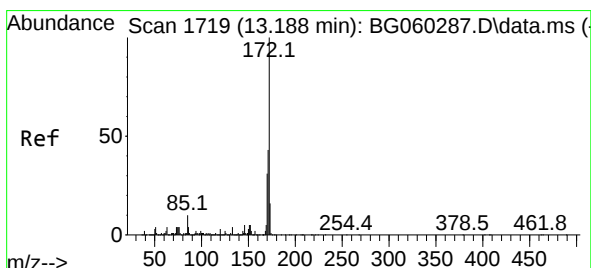
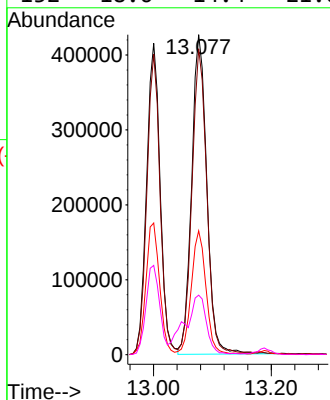
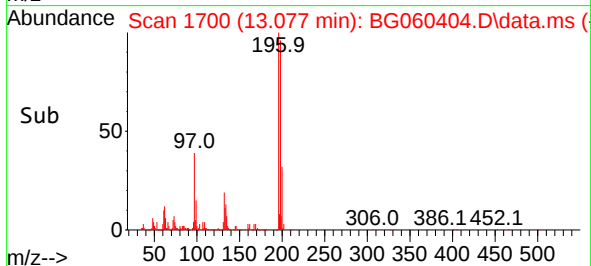
Instrument :
BNA_G
ClientSampleId :
IDOC-03



Tgt Ion:196 Resp: 76217
Ion Ratio Lower Upper
196 100
198 95.6 78.6 118.0
97 38.7 30.6 46.0
132 18.6 14.4 21.6

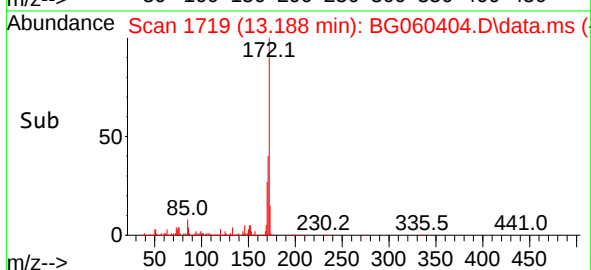
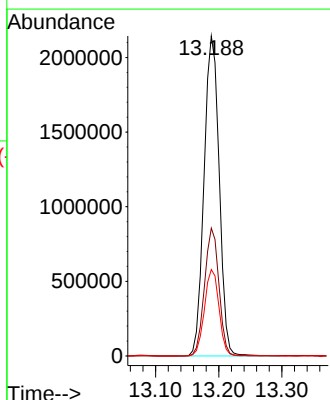
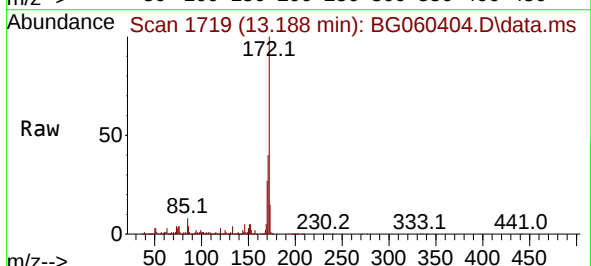
Manual Integrations
APPROVED

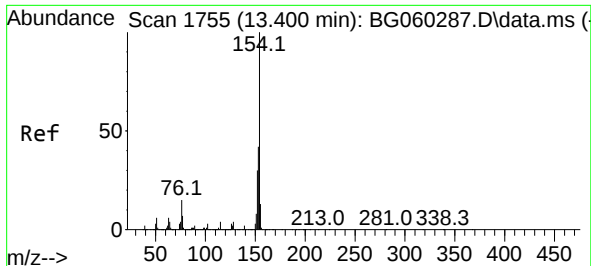
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#45
2-Fluorobiphenyl
Concen: 79.287 ng
RT: 13.188 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

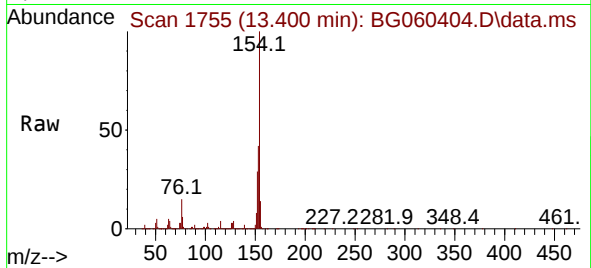
Tgt Ion:172 Resp: 3584036
Ion Ratio Lower Upper
172 100
171 40.0 34.6 51.8
170 27.0 24.4 36.6





#46
1,1'-Biphenyl
Concen: 42.186 ng
RT: 13.400 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

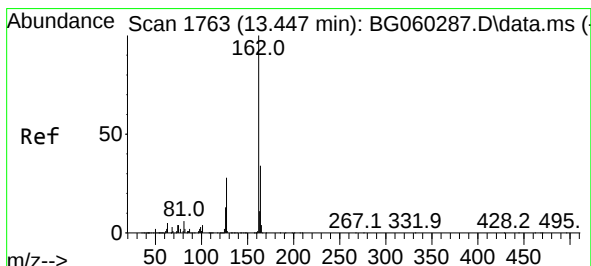
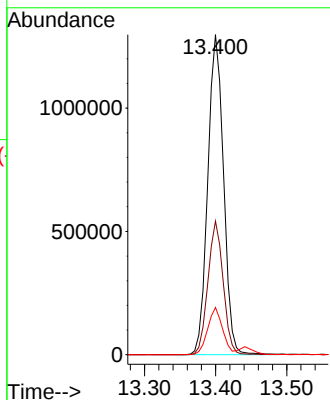
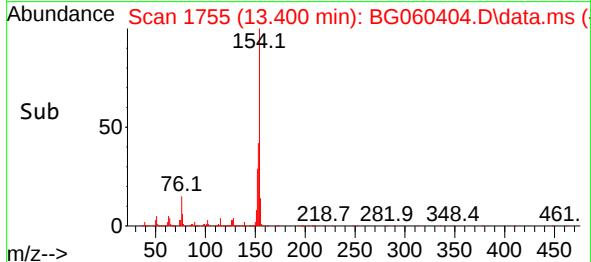
Instrument :
BNA_G
ClientSampleId :
IDOC-03



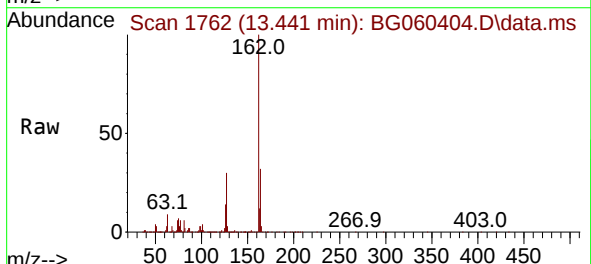
Tgt Ion:154 Resp: 2001298
Ion Ratio Lower Upper
154 100
153 41.8 22.0 62.0
76 14.8 0.0 35.2

Manual Integrations
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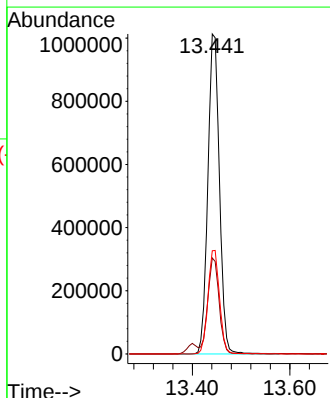
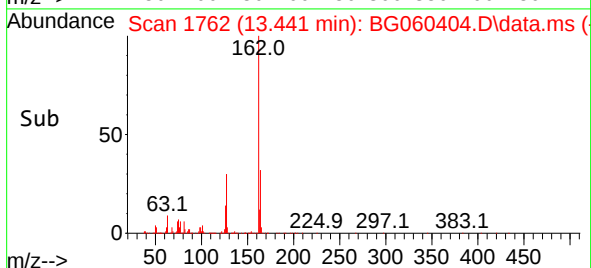
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

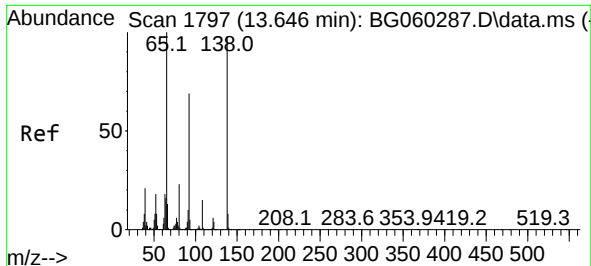


#47
2-Chloronaphthalene
Concen: 40.887 ng
RT: 13.441 min Scan# 1762
Delta R.T. -0.006 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09



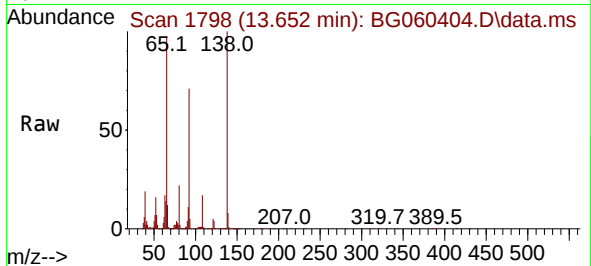
Tgt Ion:162 Resp: 1661685
Ion Ratio Lower Upper
162 100
127 30.0 23.5 35.3
164 32.2 26.9 40.3





#48
2-Nitroaniline
Concen: 50.698 ng
RT: 13.652 min Scan# 1798
Delta R.T. 0.006 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

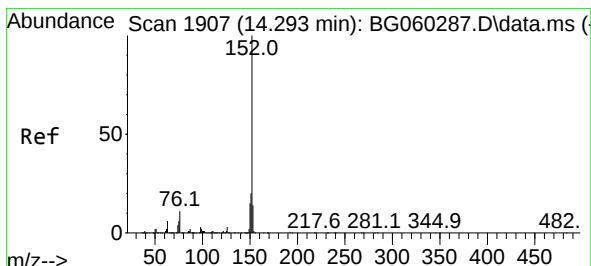
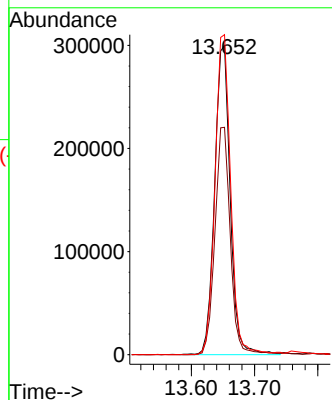
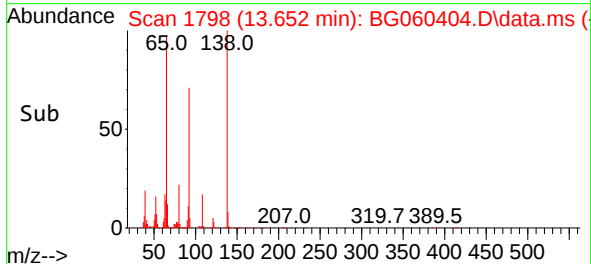
Instrument :
BNA_G
ClientSampleId :
IDOC-03



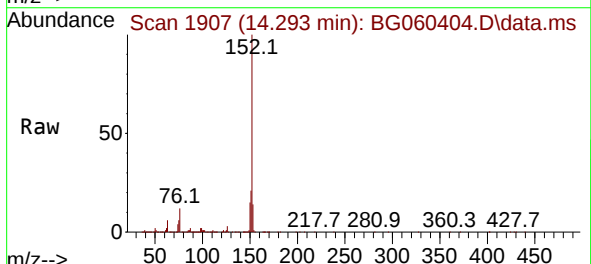
Tgt Ion: 65 Resp: 51311
Ion Ratio Lower Upper
65 100
92 73.6 55.0 82.6
138 103.5 78.1 117.1

Manual Integrations
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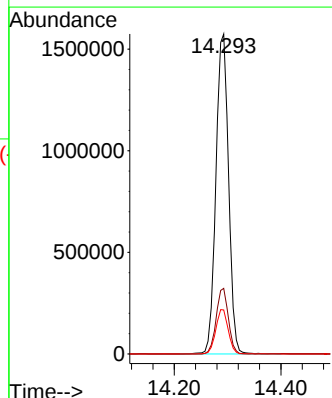
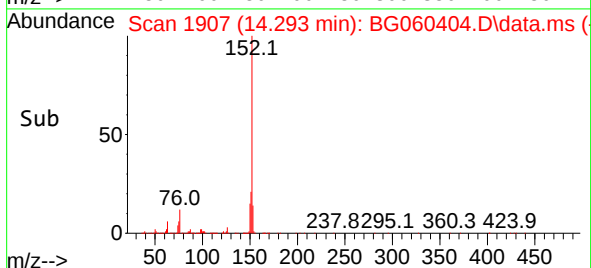
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

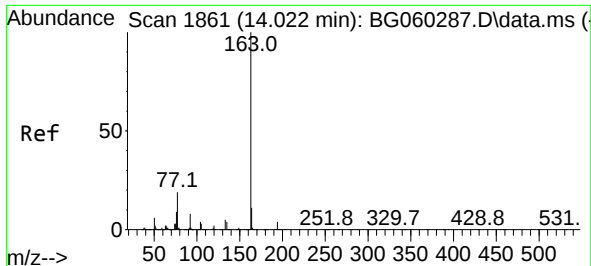


#49
Acenaphthylene
Concen: 46.178 ng
RT: 14.293 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09



Tgt Ion:152 Resp: 2584352
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 13.8 11.5 17.3





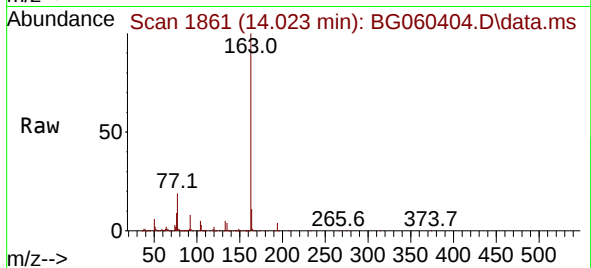
#50
Dimethylphthalate
Concen: 46.070 ng
RT: 14.023 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

Instrument :

BNA_G

ClientSampleId :

IDOC-03

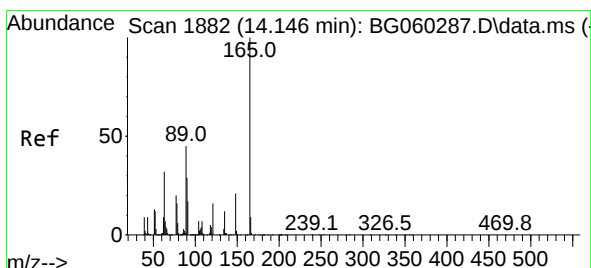
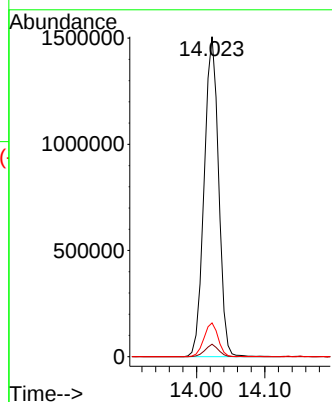
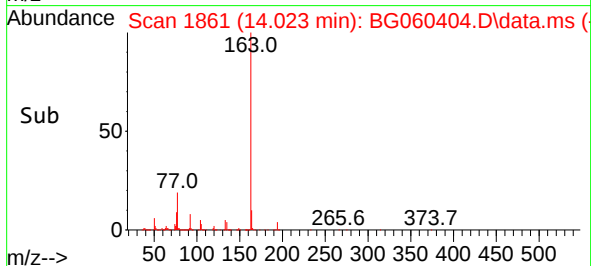


Tgt Ion:163 Resp: 2212569
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.5 8.8 13.2

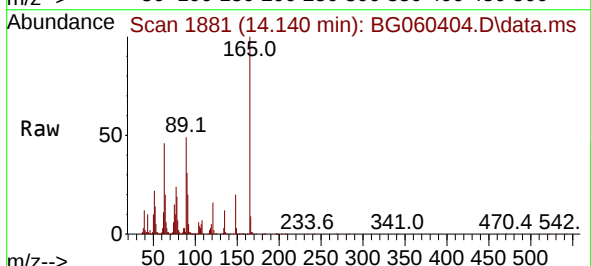
Manual Integrations

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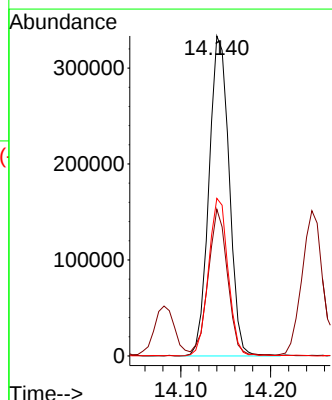
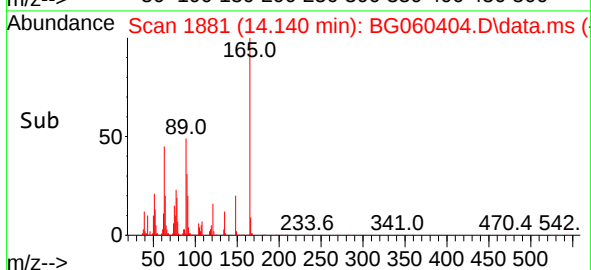
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

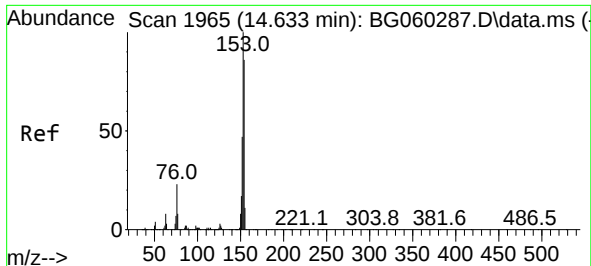


#51
2,6-Dinitrotoluene
Concen: 50.723 ng
RT: 14.140 min Scan# 1881
Delta R.T. -0.006 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09



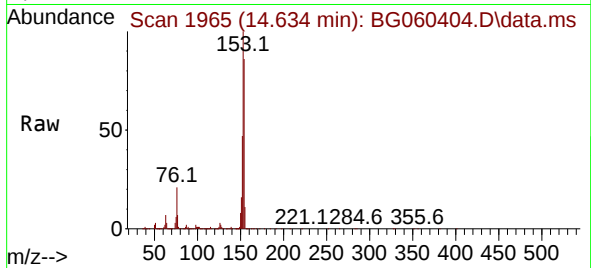
Tgt Ion:165 Resp: 519812
Ion Ratio Lower Upper
165 100
63 45.9 35.0 52.4
89 49.3 36.2 54.2





#52
Acenaphthene
Concen: 45.055 ng
RT: 14.634 min Scan# 1965
Delta R.T. 0.001 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

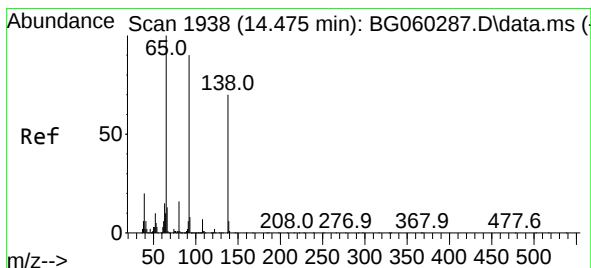
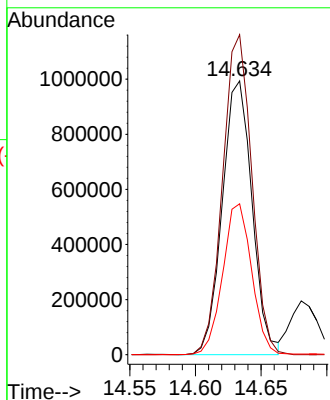
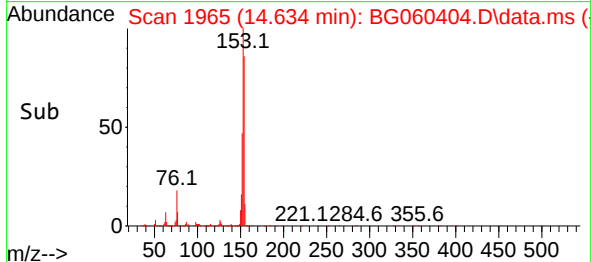
Instrument :
BNA_G
ClientSampleId :
IDOC-03



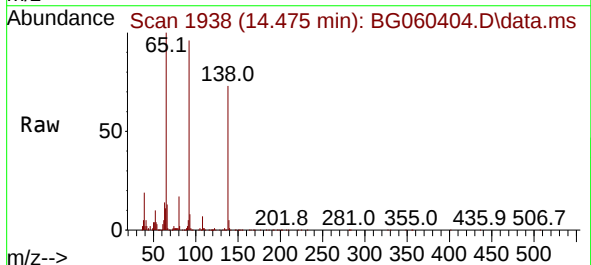
Tgt Ion:154 Resp: 157008
Ion Ratio Lower Upper
154 100
153 116.9 92.6 138.8
152 55.1 43.8 65.8

Manual Integrations
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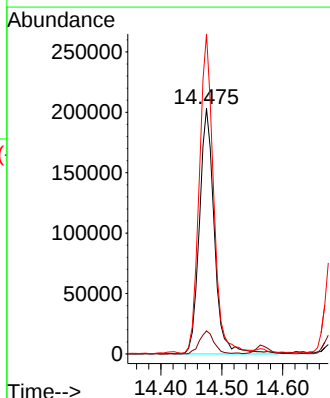
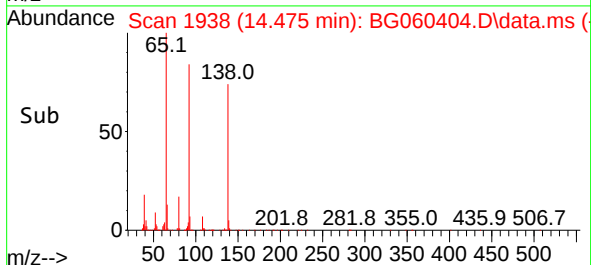
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

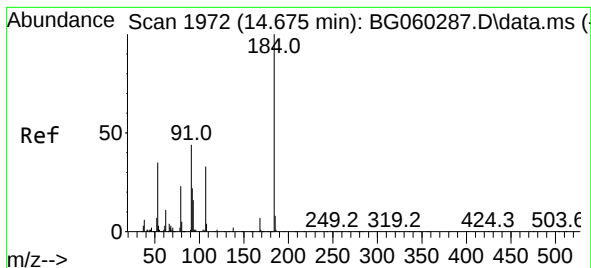


#53
3-Nitroaniline
Concen: 37.010 ng
RT: 14.475 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09



Tgt Ion:138 Resp: 345601
Ion Ratio Lower Upper
138 100
108 9.4 7.8 11.8
92 130.4 102.4 153.6





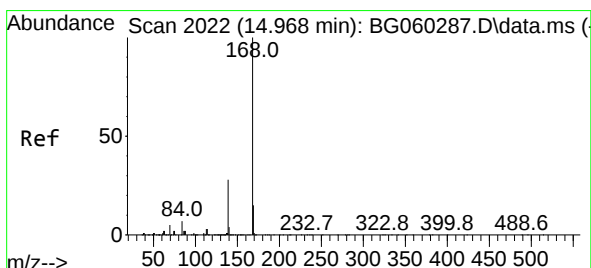
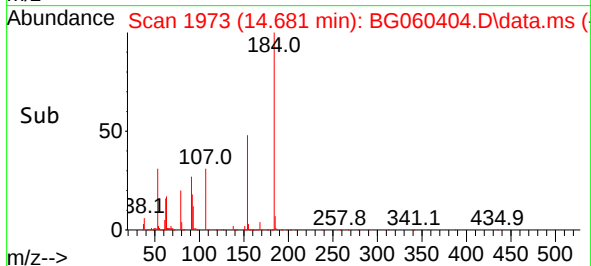
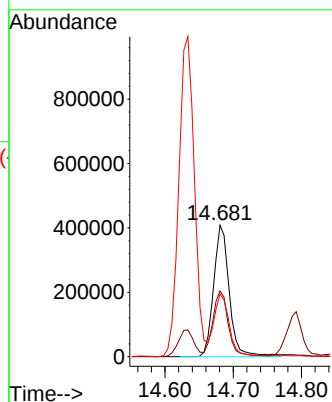
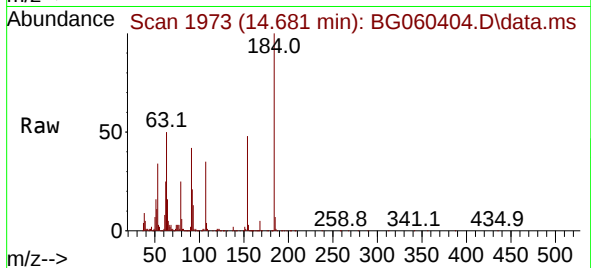
#54
2,4-Dinitrophenol
Concen: 102.454 ng
RT: 14.681 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

Instrument :
BNA_G
ClientSampleId :
IDOC-03

Tgt Ion:184 Resp: 65337
Ion Ratio Lower Upper
184 100
63 50.1 41.0 61.4
154 47.9 39.2 58.8

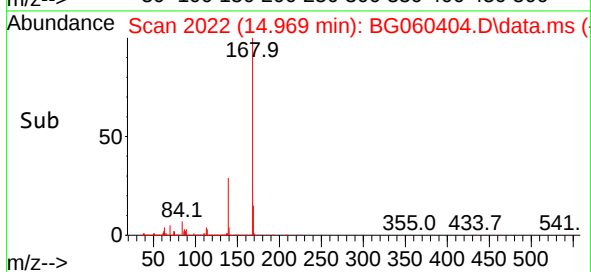
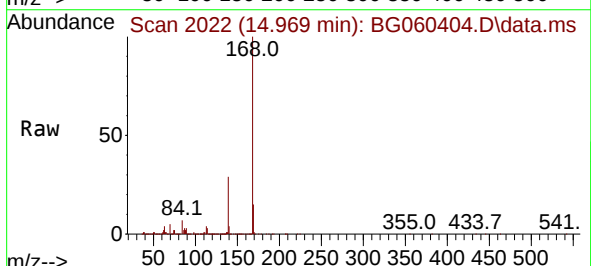
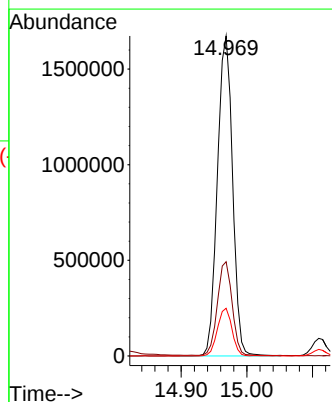
Manual Integrations
APPROVED

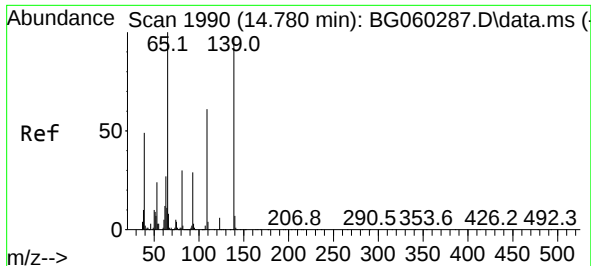
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#55
Dibenzofuran
Concen: 45.879 ng
RT: 14.969 min Scan# 2022
Delta R.T. 0.001 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

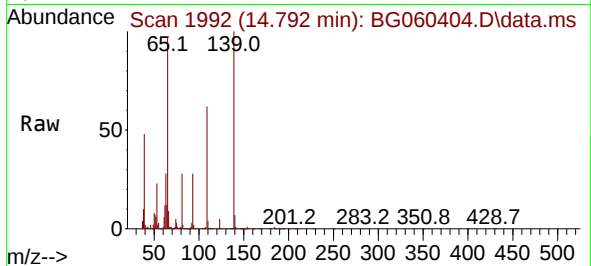
Tgt Ion:168 Resp: 2668950
Ion Ratio Lower Upper
168 100
139 29.5 22.6 34.0
169 14.9 12.1 18.1





#56
4-Nitrophenol
Concen: 121.014 ng
RT: 14.792 min Scan# 1990
Delta R.T. 0.012 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

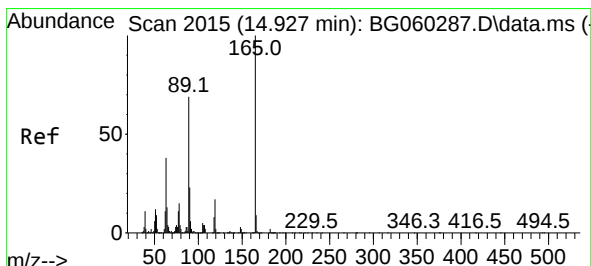
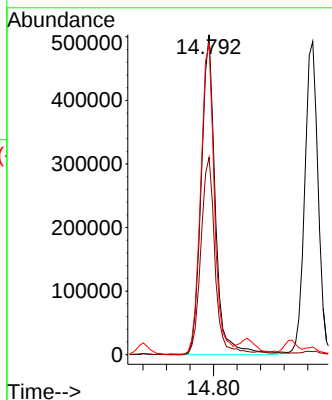
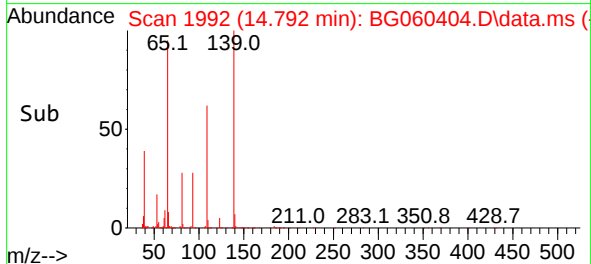
Instrument :
BNA_G
ClientSampleId :
IDOC-03



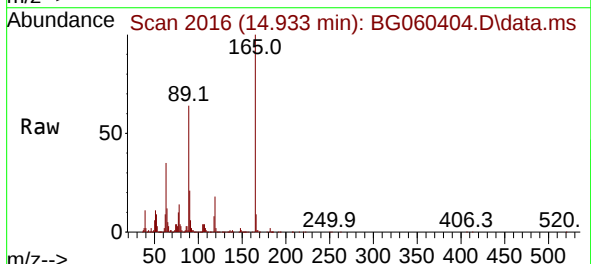
Tgt Ion:139 Resp: 838172
Ion Ratio Lower Upper
139 100
109 61.6 42.2 82.2
65 97.0 83.3 123.3

Manual Integrations
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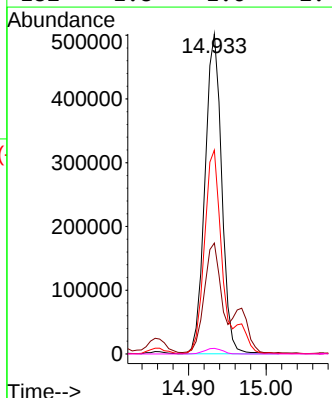
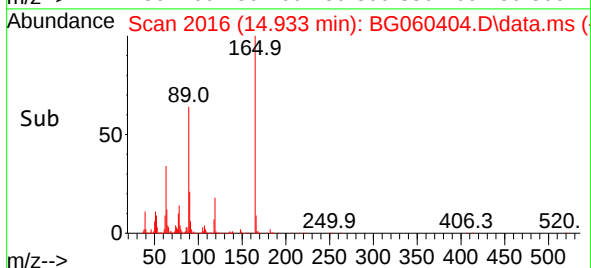
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

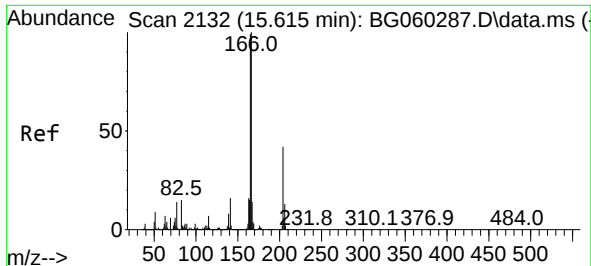


#57
2,4-Dinitrotoluene
Concen: 53.417 ng
RT: 14.933 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09



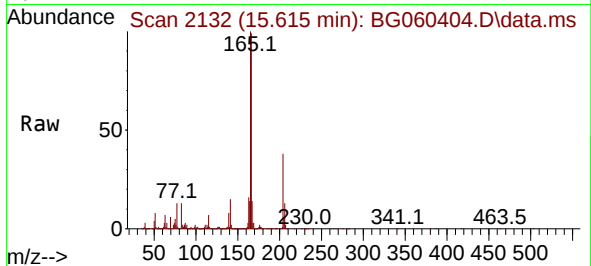
Tgt Ion:165 Resp: 750670
Ion Ratio Lower Upper
165 100
63 34.7 30.4 45.6
89 63.7 55.4 83.0
182 1.8 1.6 2.4





#58
Fluorene
Concen: 46.187 ng
RT: 15.615 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

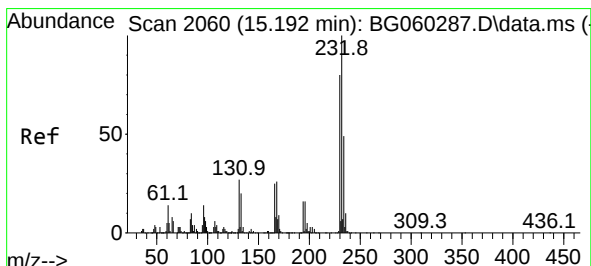
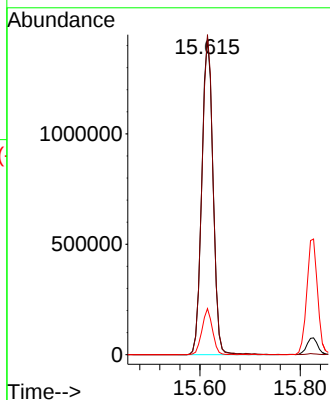
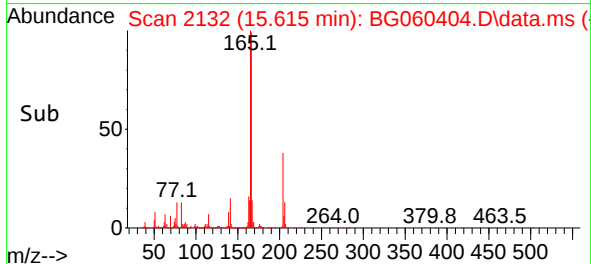
Instrument :
BNA_G
ClientSampleId :
IDOC-03



Tgt Ion:166 Resp: 222506
Ion Ratio Lower Upper
166 100
165 100.9 79.0 118.6
167 14.5 11.4 17.0

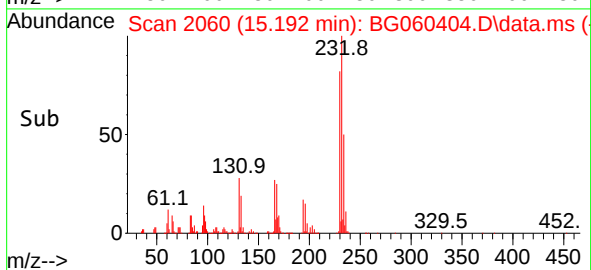
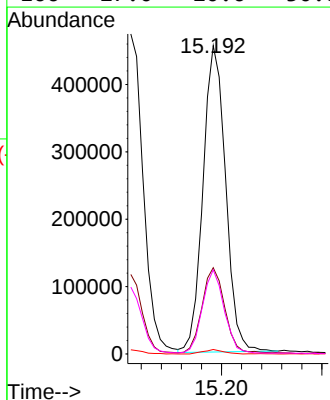
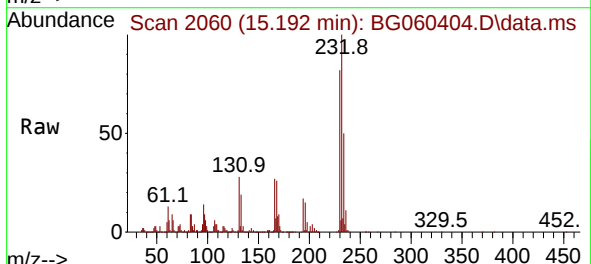
Manual Integrations
APPROVED

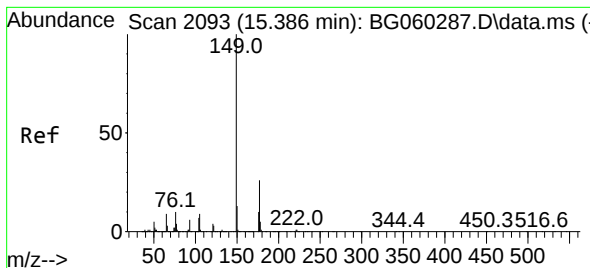
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#59
2,3,4,6-Tetrachlorophenol
Concen: 53.673 ng
RT: 15.192 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

Tgt Ion:232 Resp: 714076
Ion Ratio Lower Upper
232 100
131 28.7 22.7 34.1
130 1.3 1.1 1.7
166 27.0 20.6 30.8





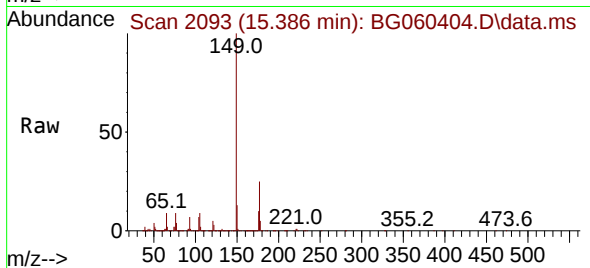
#60
Diethylphthalate
Concen: 48.798 ng
RT: 15.386 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

Instrument :

BNA_G

ClientSampleId :

IDOC-03

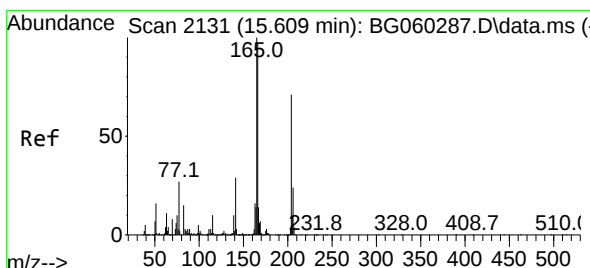
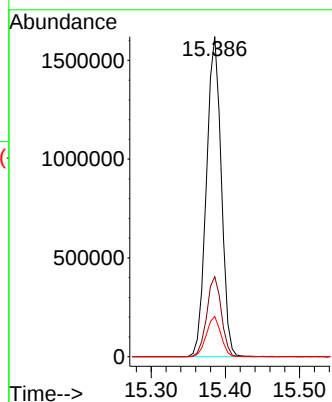
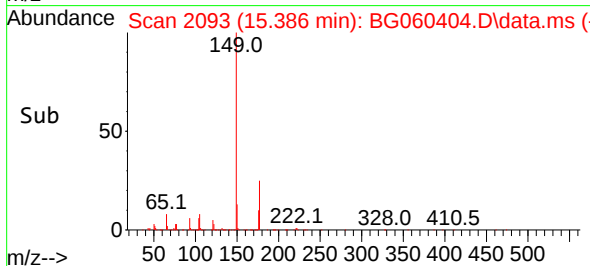


Tgt Ion:149 Resp: 2249924
Ion Ratio Lower Upper
149 100
177 25.0 20.9 31.3
150 12.6 10.2 15.2

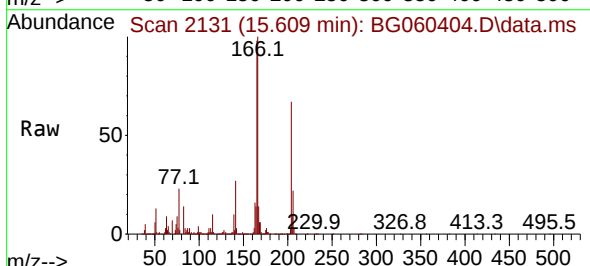
Manual Integrations

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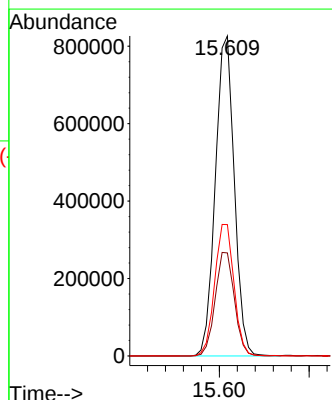
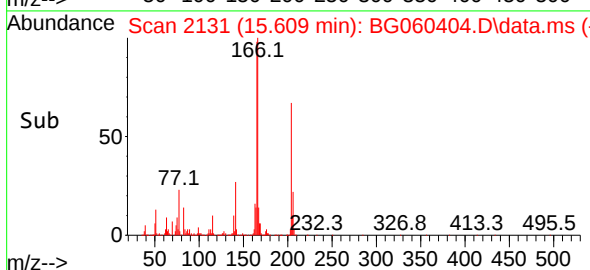
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

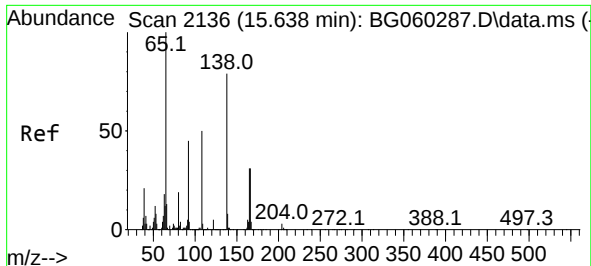


#61
4-Chlorophenyl-phenylether
Concen: 45.596 ng
RT: 15.609 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09



Tgt Ion:204 Resp: 1210050
Ion Ratio Lower Upper
204 100
206 32.2 27.1 40.7
141 41.1 32.2 48.2





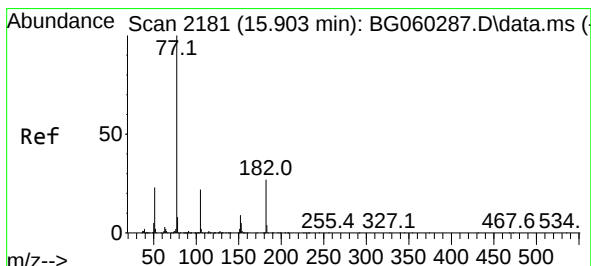
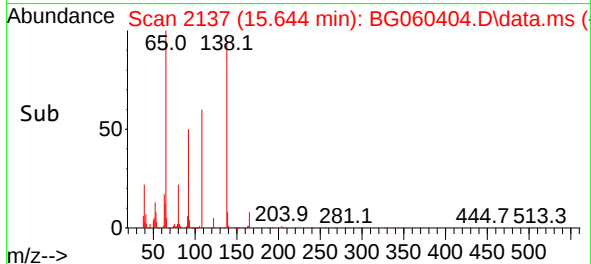
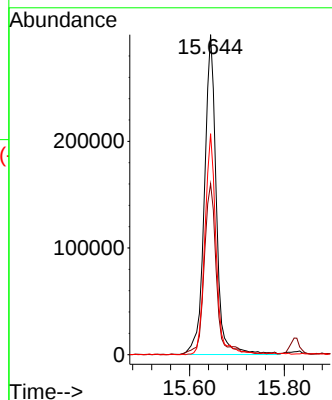
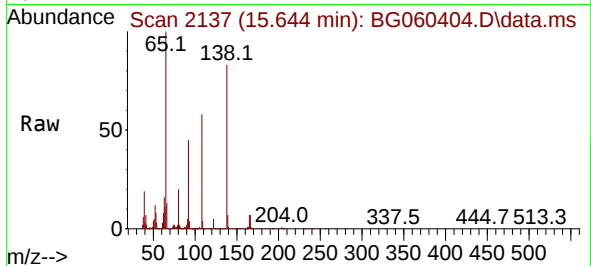
#62
4-Nitroaniline
Concen: 52.332 ng
RT: 15.644 min Scan# 2137
Delta R.T. 0.006 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

Instrument :
BNA_G
ClientSampleId :
IDOC-03

Tgt Ion:138 Resp: 520098
Ion Ratio Lower Upper
138 100
92 53.4 37.0 77.0
108 69.0 43.1 83.1

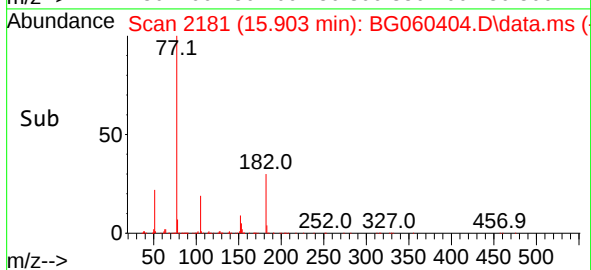
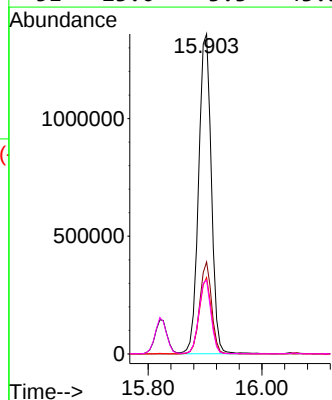
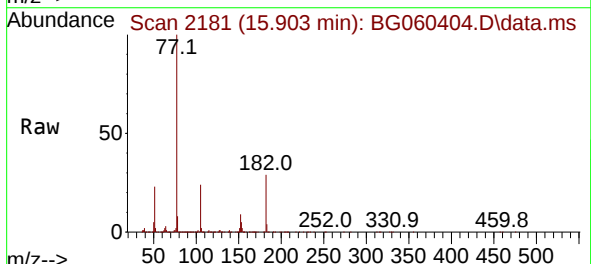
Manual Integrations
APPROVED

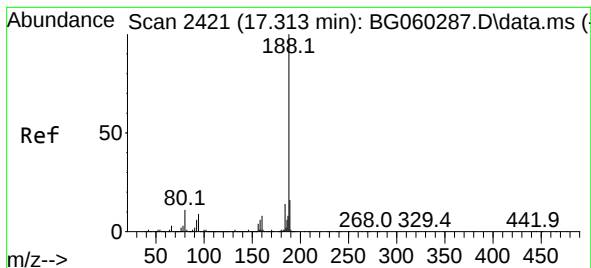
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#63
Azobenzene
Concen: 45.284 ng
RT: 15.903 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

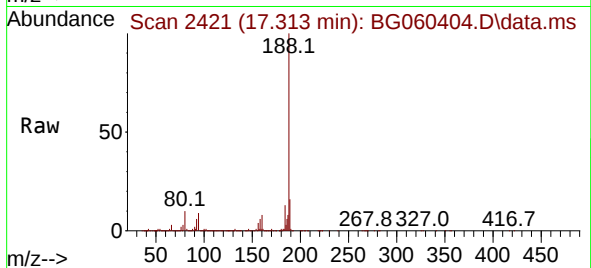
Tgt Ion: 77 Resp: 2111807
Ion Ratio Lower Upper
77 100
182 28.7 6.5 46.5
105 23.9 1.8 41.8
51 23.0 3.3 43.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

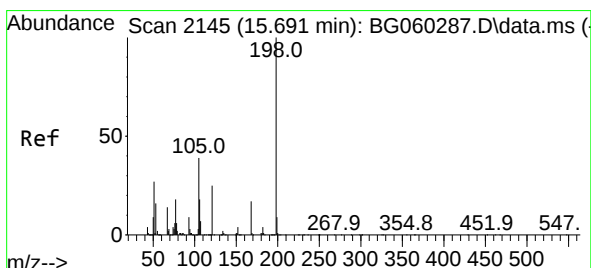
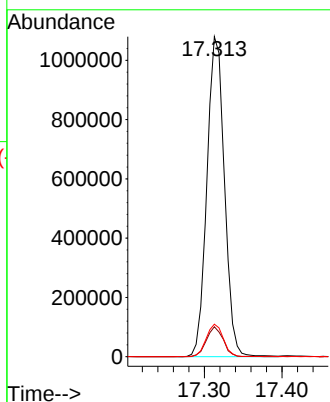
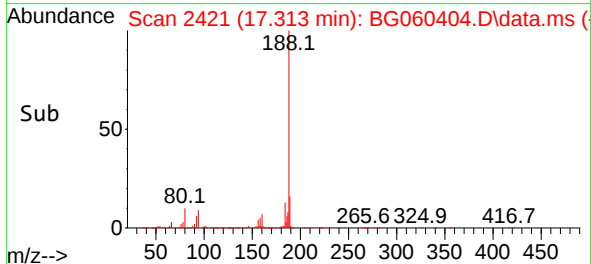
Instrument :
BNA_G
ClientSampleId :
IDOC-03



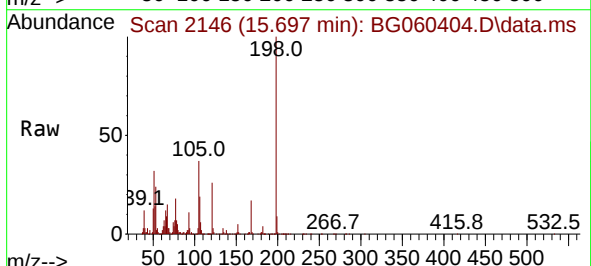
Tgt Ion:188 Resp: 1694860
Ion Ratio Lower Upper
188 100
94 9.4 7.1 10.7
80 10.1 8.5 12.7

Manual Integrations
APPROVED

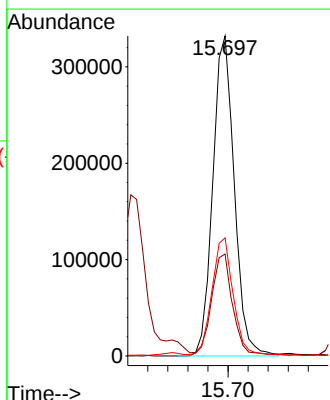
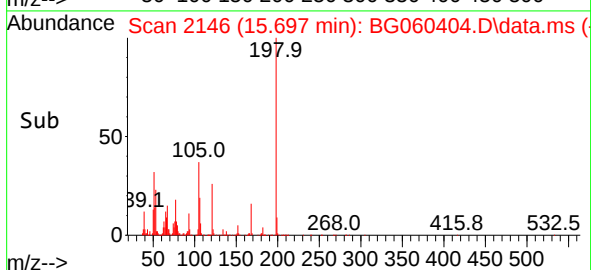
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

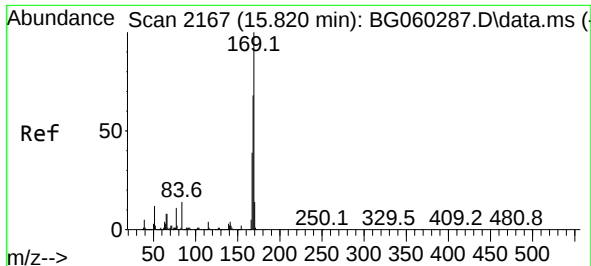


#65
4,6-Dinitro-2-methylphenol
Concen: 52.501 ng
RT: 15.697 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09



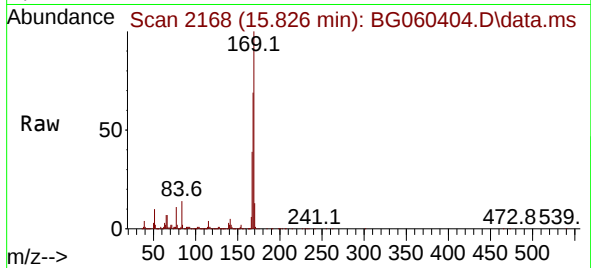
Tgt Ion:198 Resp: 492265
Ion Ratio Lower Upper
198 100
51 31.9 11.8 51.8
105 36.9 20.3 60.3





#66
n-Nitrosodiphenylamine
Concen: 45.536 ng
RT: 15.826 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

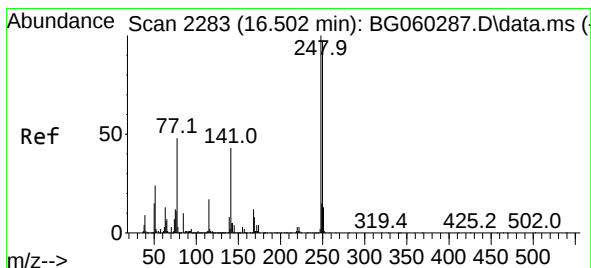
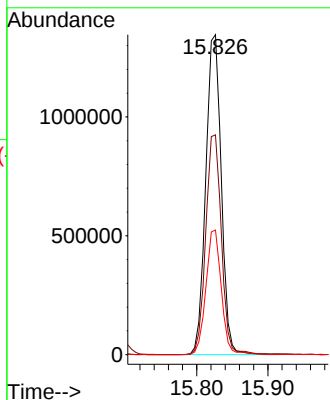
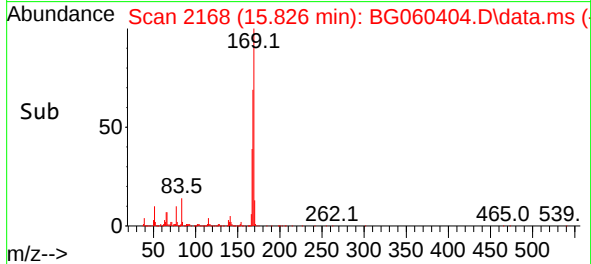
Instrument :
BNA_G
ClientSampleId :
IDOC-03



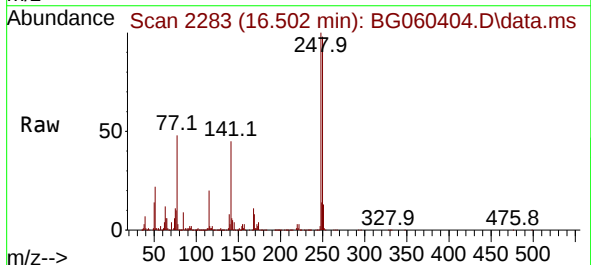
Tgt Ion:169 Resp: 2049240
Ion Ratio Lower Upper
169 100
168 68.7 54.4 81.6
167 38.9 31.2 46.8

Manual Integrations
APPROVED

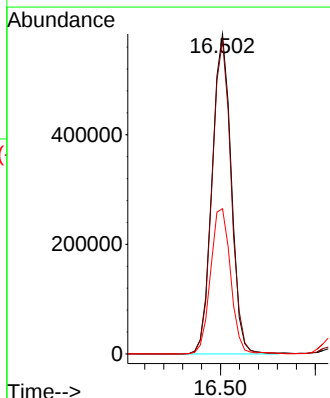
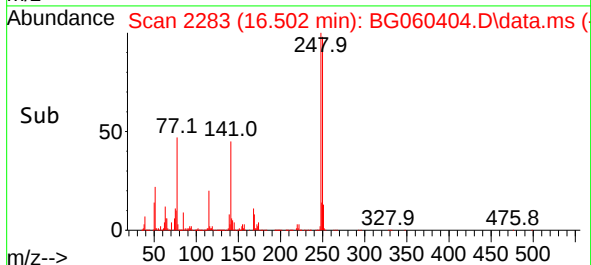
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

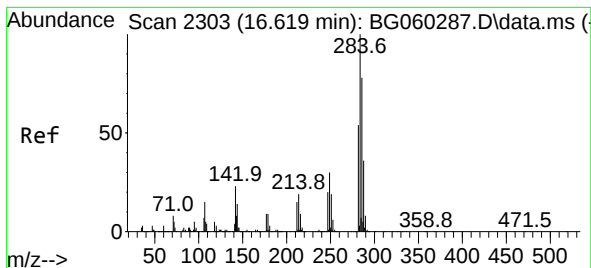


#67
4-Bromophenyl-phenylether
Concen: 43.850 ng
RT: 16.502 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09



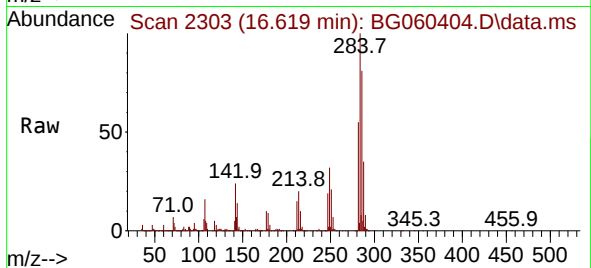
Tgt Ion:248 Resp: 816628
Ion Ratio Lower Upper
248 100
250 98.0 77.6 116.4
141 45.4 34.2 51.4





#68
Hexachlorobenzene
Concen: 42.093 ng
RT: 16.619 min Scan# 2303
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

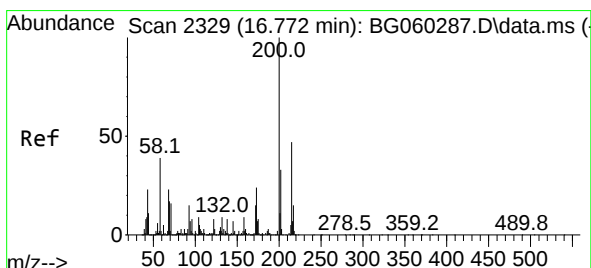
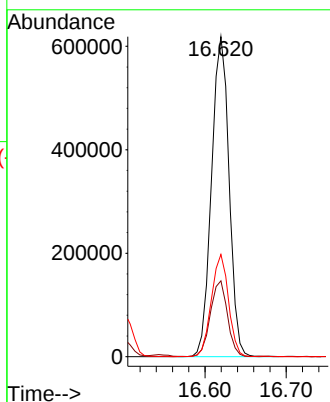
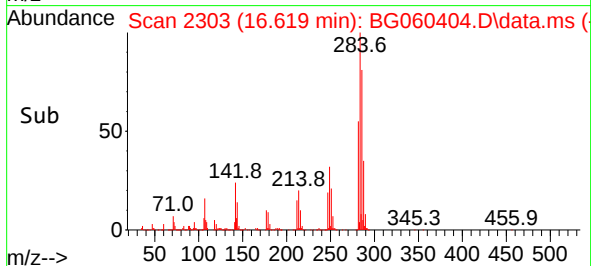
Instrument :
BNA_G
ClientSampleId :
IDOC-03



Tgt Ion:284 Resp: 927912
Ion Ratio Lower Upper
284 100
142 23.7 18.2 27.4
249 31.9 24.3 36.5

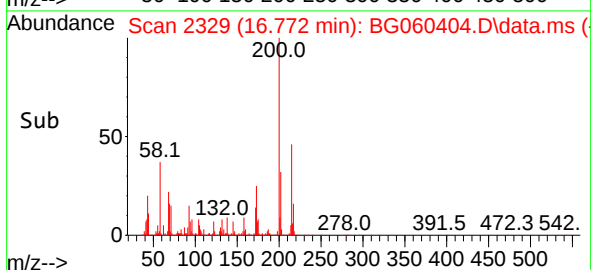
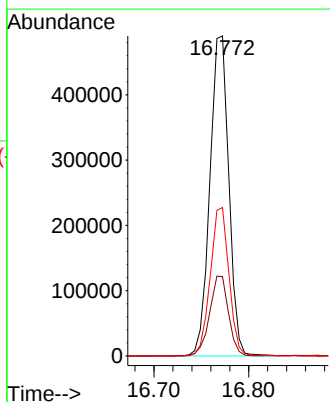
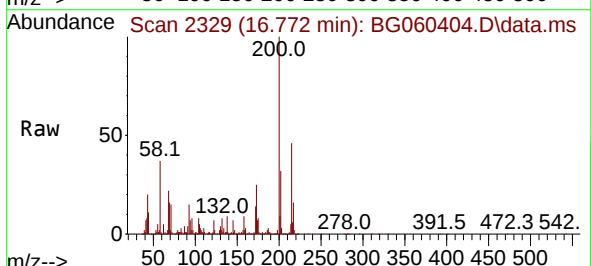
Manual Integrations
APPROVED

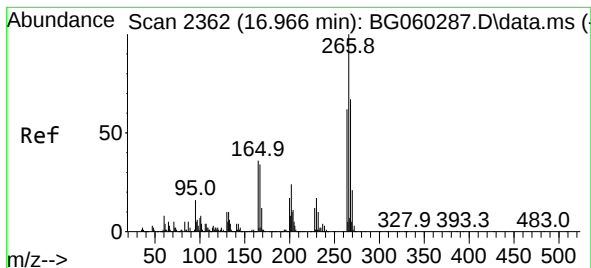
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#69
Atrazine
Concen: 40.029 ng
RT: 16.772 min Scan# 2329
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

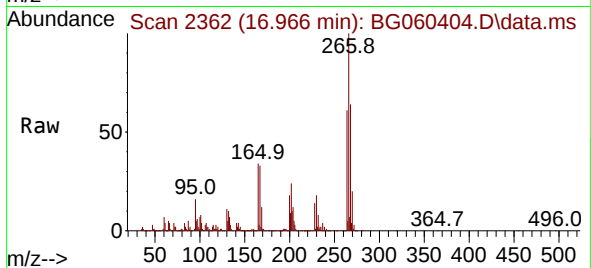
Tgt Ion:200 Resp: 679258
Ion Ratio Lower Upper
200 100
173 24.8 4.1 44.1
215 46.4 27.4 67.4





#70
Pentachlorophenol
Concen: 95.656 ng
RT: 16.966 min Scan# 211
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

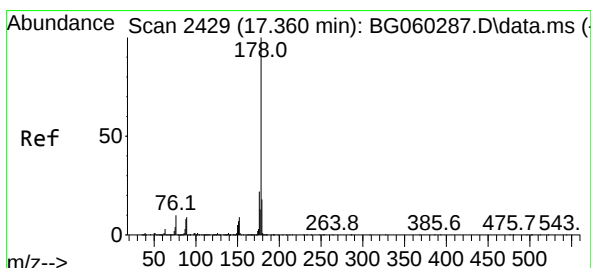
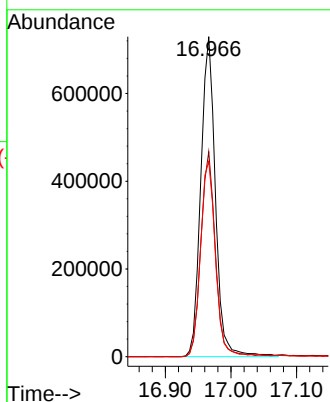
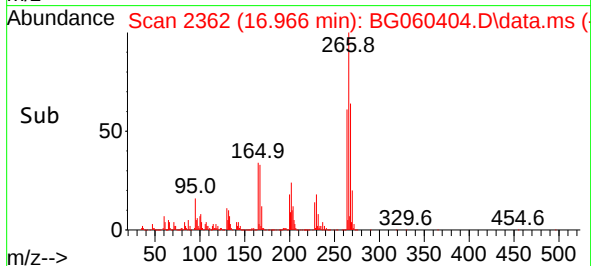
Instrument :
BNA_G
ClientSampleId :
IDOC-03



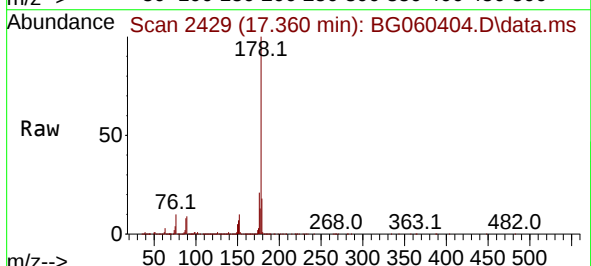
Tgt Ion:266 Resp: 113662
Ion Ratio Lower Upper
266 100
268 64.0 57.4 86.2
264 61.0 49.8 74.8

Manual Integrations
APPROVED

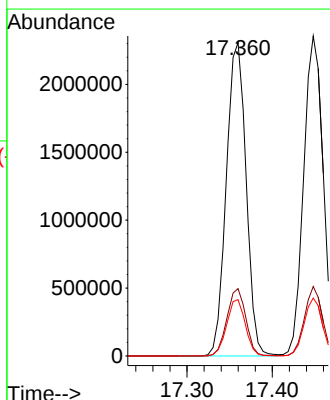
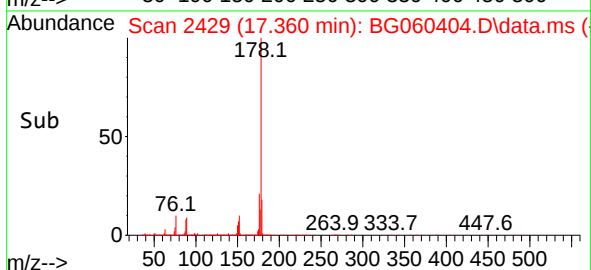
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

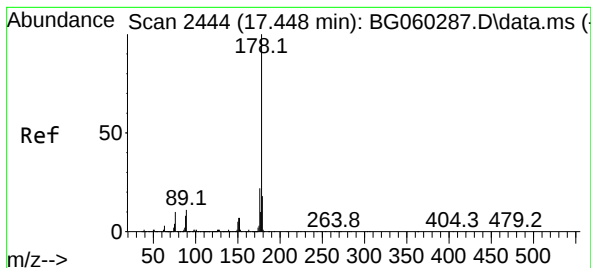


#71
Phenanthrene
Concen: 45.435 ng
RT: 17.360 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09



Tgt Ion:178 Resp: 3722158
Ion Ratio Lower Upper
178 100
176 21.5 17.4 26.2
179 18.0 14.7 22.1





#72

Anthracene

Concen: 46.022 ng

RT: 17.448 min Scan# 2444

Delta R.T. 0.000 min

Lab File: BG060404.D

Acq: 23 Jan 2024 15:09

Instrument :

BNA_G

ClientSampleId :

IDOC-03

Tgt Ion:178 Resp: 376413

Ion Ratio Lower Upper

178 100

176 21.7 17.8 26.6

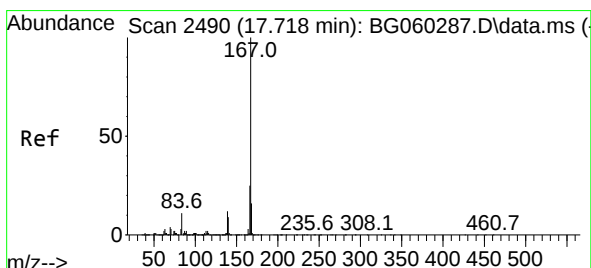
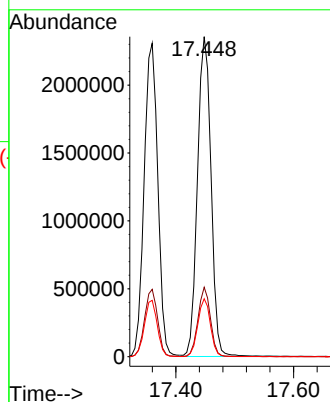
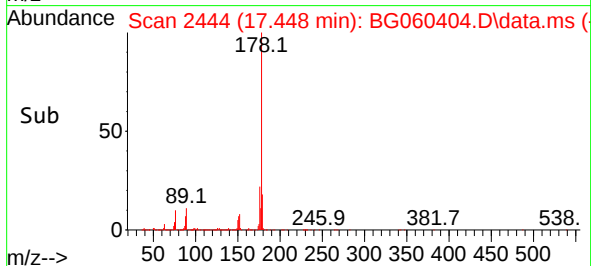
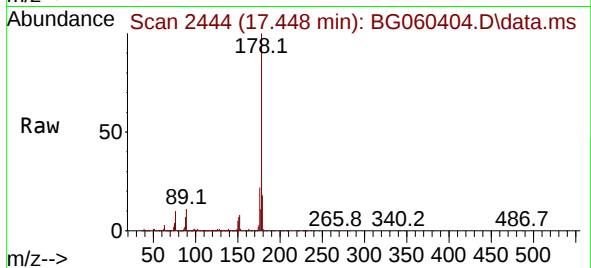
179 18.1 14.1 21.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024

Supervised By :mohammad ahmed 01/25/2024



#73

Carbazole

Concen: 45.595 ng

RT: 17.718 min Scan# 2490

Delta R.T. 0.000 min

Lab File: BG060404.D

Acq: 23 Jan 2024 15:09

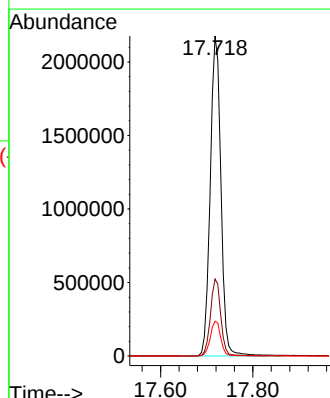
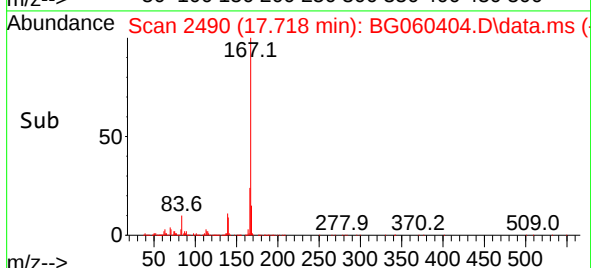
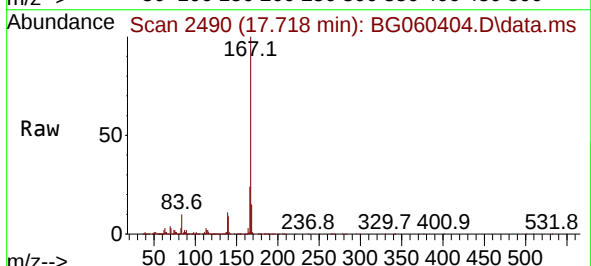
Tgt Ion:167 Resp: 3515757

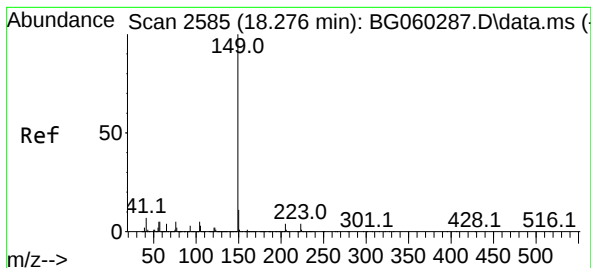
Ion Ratio Lower Upper

167 100

166 24.1 19.8 29.8

139 10.9 9.3 13.9





#74

Di-n-butylphthalate

Concen: 46.173 ng

RT: 18.271 min Scan# 2585

Delta R.T. -0.006 min

Lab File: BG060404.D

Acq: 23 Jan 2024 15:09

Instrument :

BNA_G

ClientSampleId :

IDOC-03

Tgt Ion:149 Resp: 366325

Ion Ratio Lower Upper

149 100

150 11.9 9.1 13.7

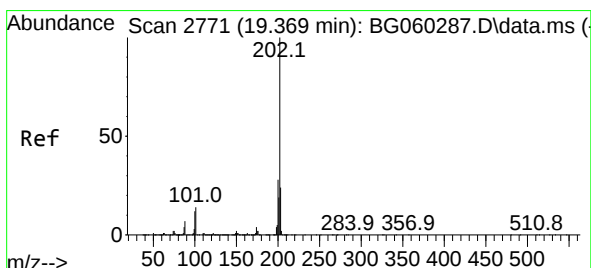
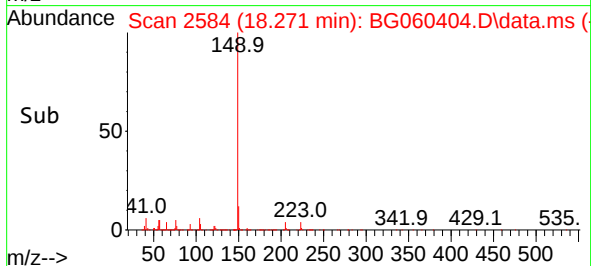
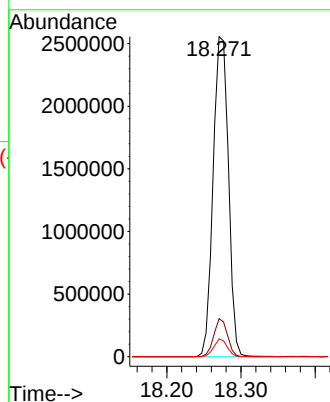
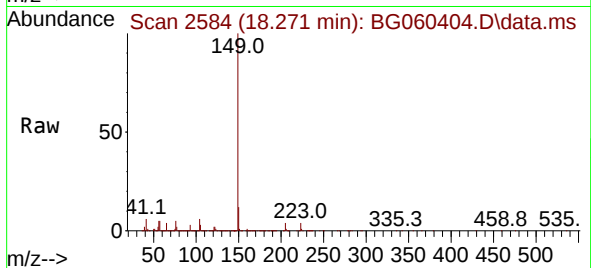
104 5.5 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024

Supervised By :mohammad ahmed 01/25/2024



#75

Fluoranthene

Concen: 42.616 ng

RT: 19.369 min Scan# 2771

Delta R.T. 0.000 min

Lab File: BG060404.D

Acq: 23 Jan 2024 15:09

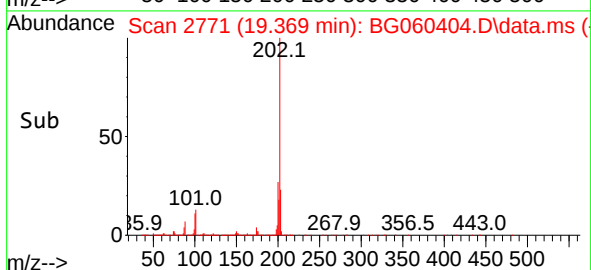
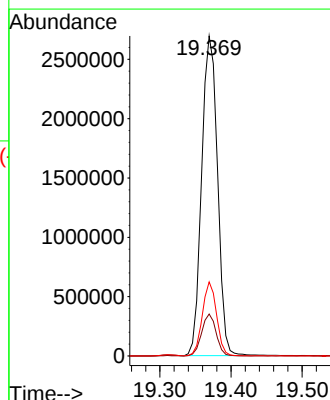
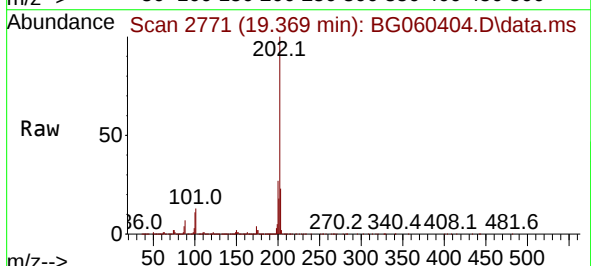
Tgt Ion:202 Resp: 4193253

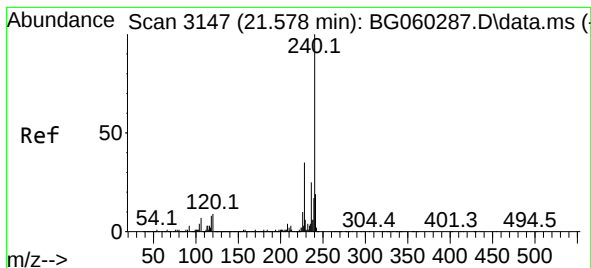
Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.4

203 23.1 4.0 44.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.578 min Scan# 3147

Delta R.T. 0.000 min

Lab File: BG060404.D

Acq: 23 Jan 2024 15:09

Instrument :

BNA_G

ClientSampleId :

IDOC-03

Tgt Ion:240 Resp: 152673

Ion Ratio Lower Upper

240 100

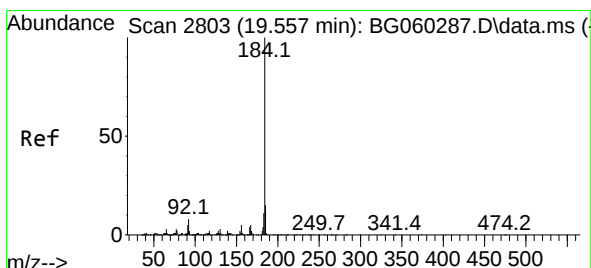
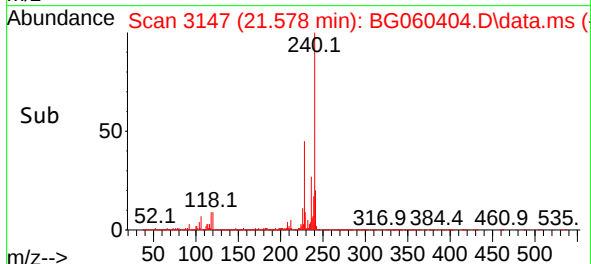
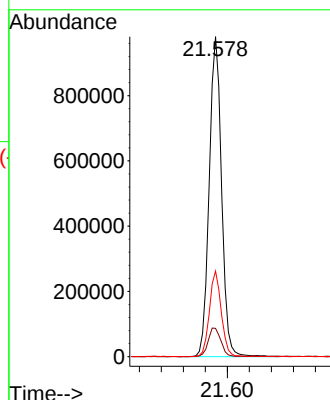
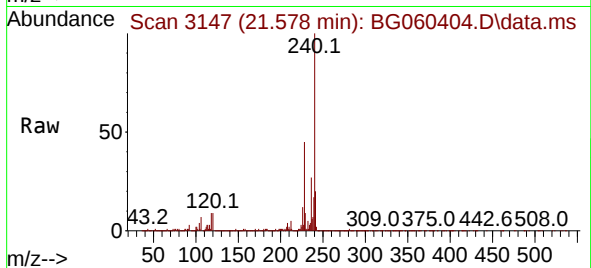
120 8.9 7.3 10.9

236 26.8 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#77

Benzidine

Concen: 34.292 ng

RT: 19.551 min Scan# 2802

Delta R.T. -0.006 min

Lab File: BG060404.D

Acq: 23 Jan 2024 15:09

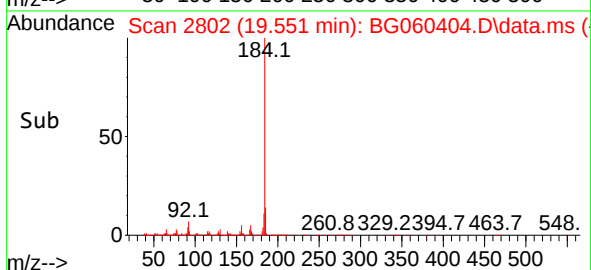
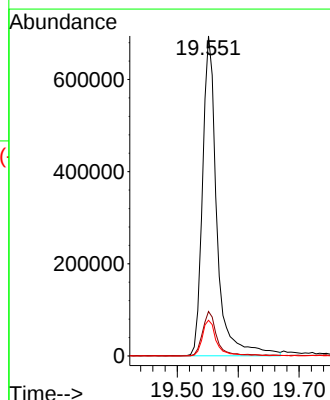
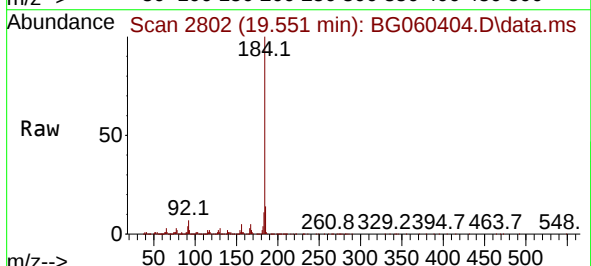
Tgt Ion:184 Resp: 1137415

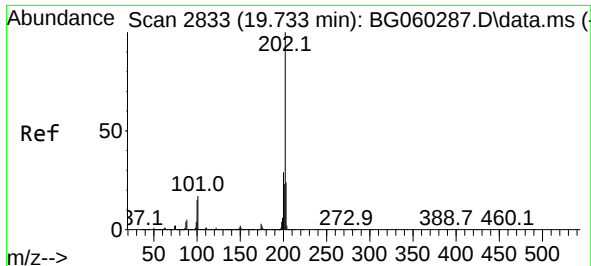
Ion Ratio Lower Upper

184 100

185 13.9 12.2 18.4

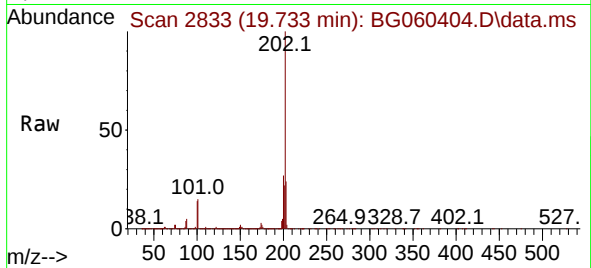
183 11.1 9.0 13.4





#78
Pyrene
Concen: 44.858 ng
RT: 19.733 min Scan# 2833
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

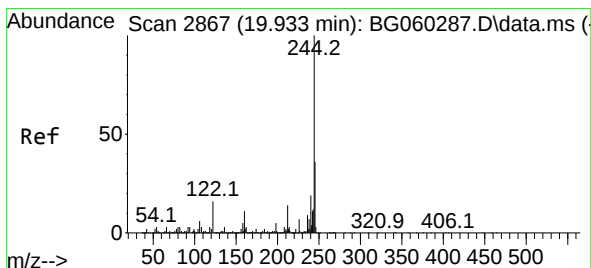
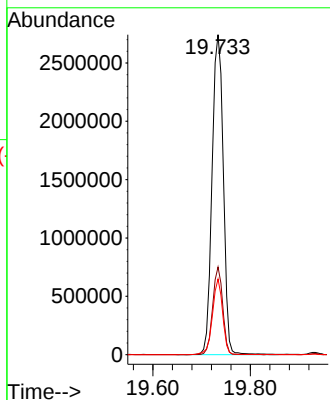
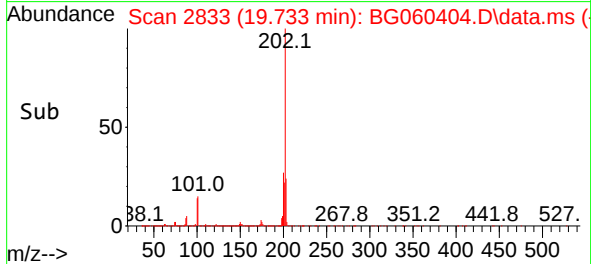
Instrument :
BNA_G
ClientSampleId :
IDOC-03



Tgt Ion:202 Resp: 4373510
Ion Ratio Lower Upper
202 100
200 27.4 23.5 35.3
203 23.7 19.6 29.4

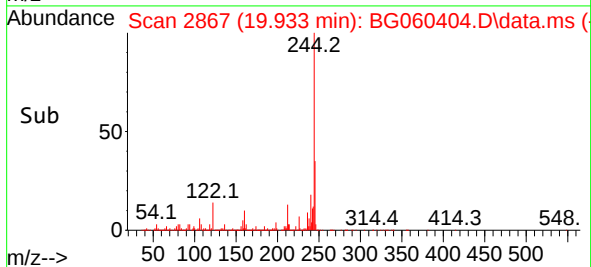
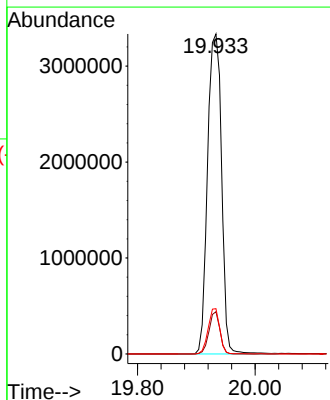
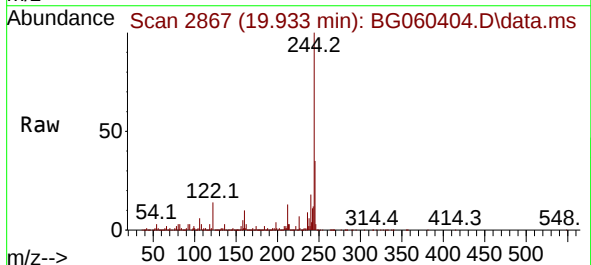
Manual Integrations
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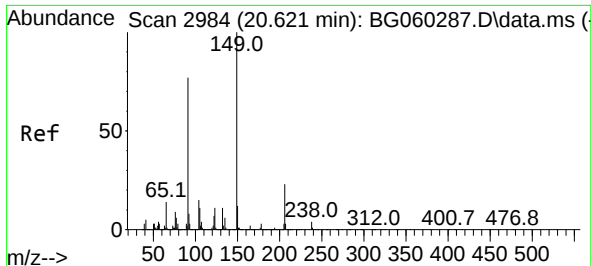
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#79
Terphenyl-d14
Concen: 94.979 ng
RT: 19.933 min Scan# 2867
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

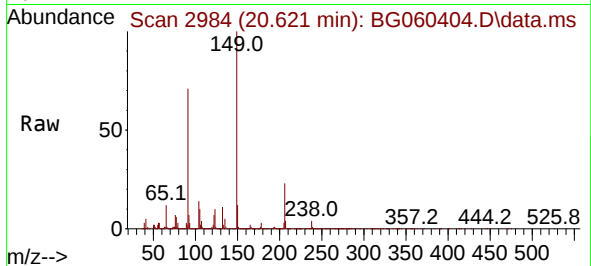
Tgt Ion:244 Resp: 5501810
Ion Ratio Lower Upper
244 100
212 13.2 10.9 16.3
122 14.1 12.6 18.8





#80
Butylbenzylphthalate
Concen: 52.166 ng
RT: 20.621 min Scan# 2984
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

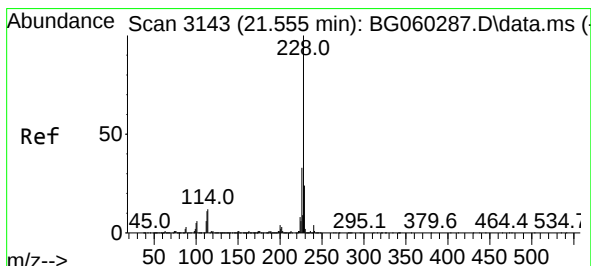
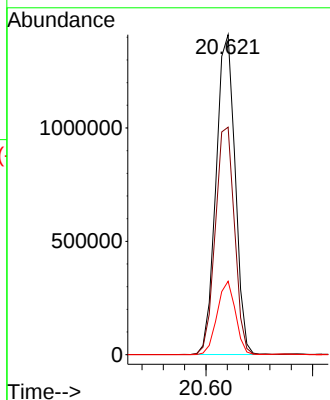
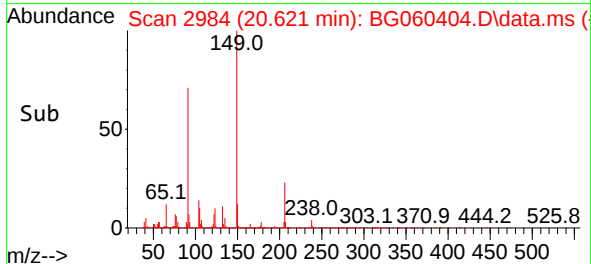
Instrument :
BNA_G
ClientSampleId :
IDOC-03



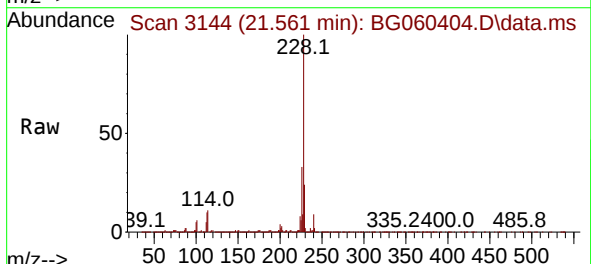
Tgt Ion:149 Resp: 1749811
Ion Ratio Lower Upper
149 100
91 71.1 61.4 92.2
206 23.0 18.0 27.0

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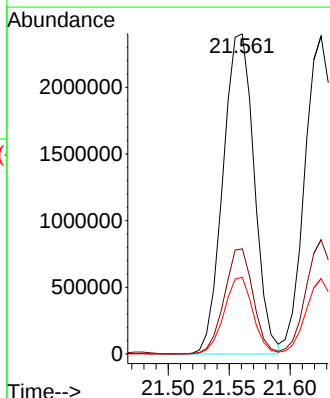
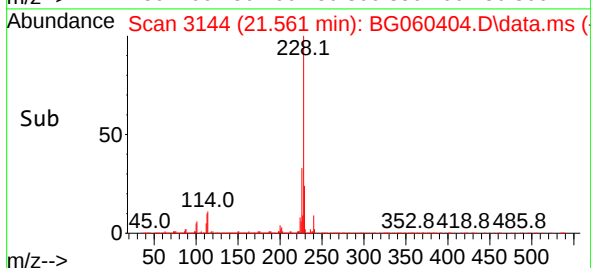
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

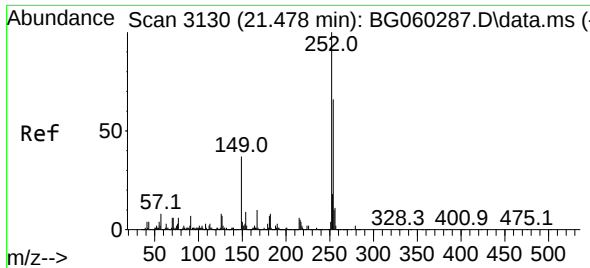


#81
Benzo(a)anthracene
Concen: 45.236 ng
RT: 21.561 min Scan# 3144
Delta R.T. 0.006 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09



Tgt Ion:228 Resp: 4275548
Ion Ratio Lower Upper
228 100
226 32.8 26.2 39.2
229 24.0 19.4 29.2





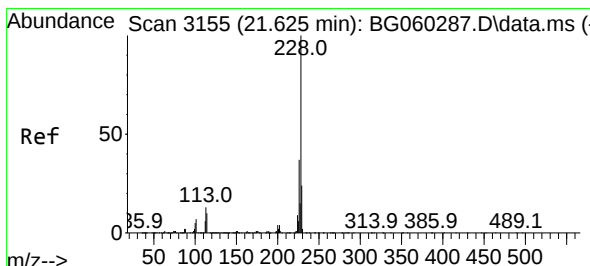
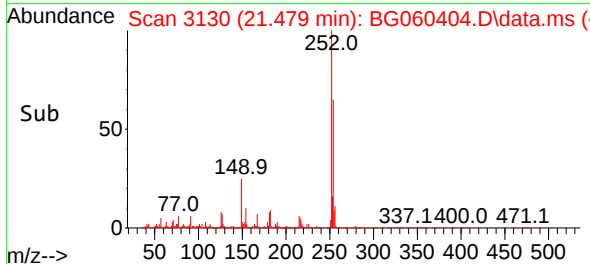
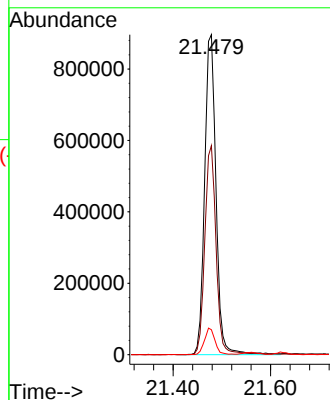
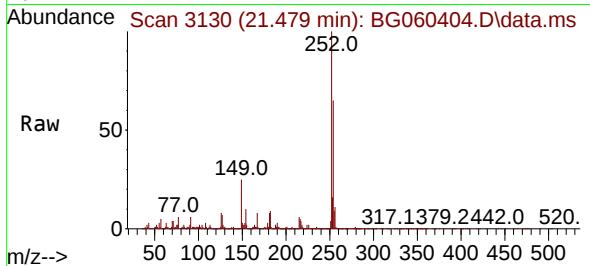
#82
3,3'-Dichlorobenzidine
Concen: 40.034 ng
RT: 21.479 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

Instrument :
BNA_G
ClientSampleId :
IDOC-03

Tgt Ion:252 Resp: 1449075
Ion Ratio Lower Upper
252 100
254 65.3 52.6 79.0
126 7.8 6.3 9.5

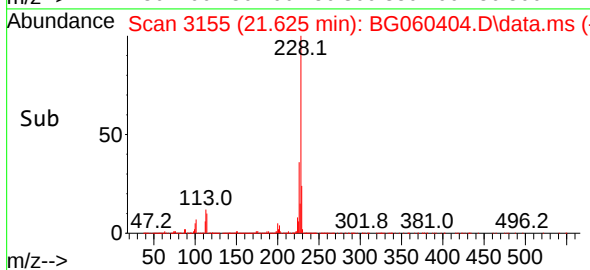
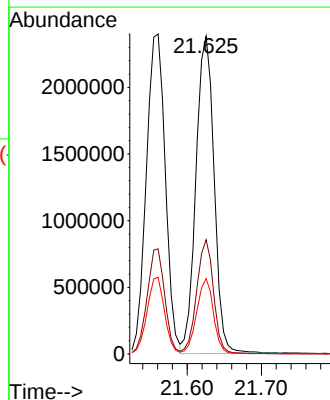
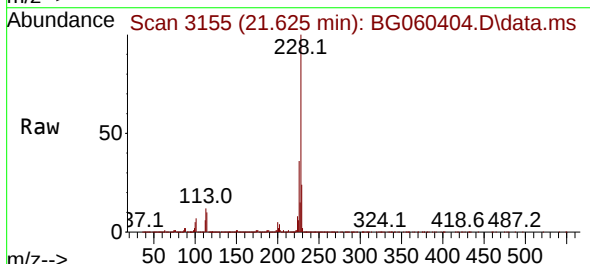
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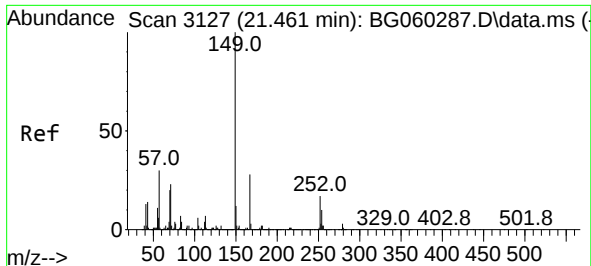
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#83
Chrysene
Concen: 43.579 ng
RT: 21.625 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

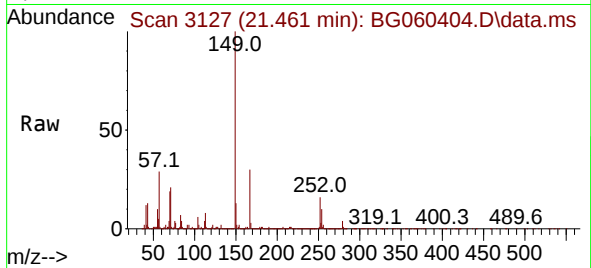
Tgt Ion:228 Resp: 4050935
Ion Ratio Lower Upper
228 100
226 35.9 29.4 44.2
229 23.7 19.2 28.8





#84
Bis(2-ethylhexyl)phthalate
Concen: 48.891 ng
RT: 21.461 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

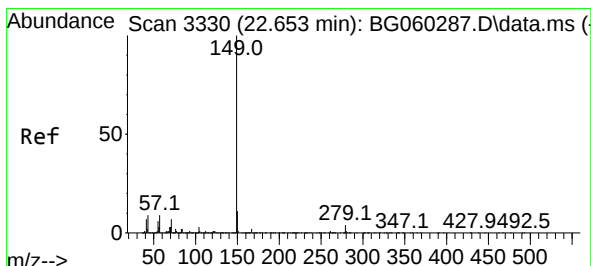
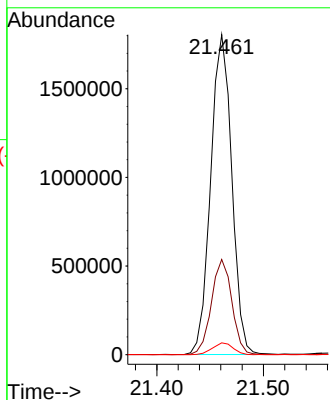
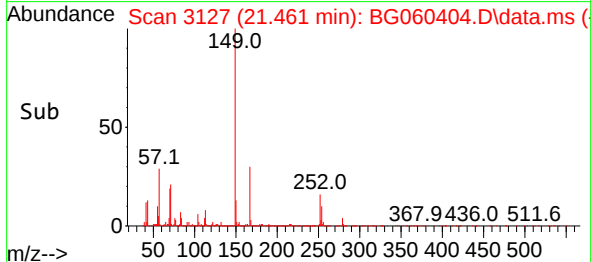
Instrument :
BNA_G
ClientSampleId :
IDOC-03



Tgt Ion:149 Resp: 2478129
Ion Ratio Lower Upper
149 100
167 29.7 22.2 33.2
279 3.7 2.7 4.1

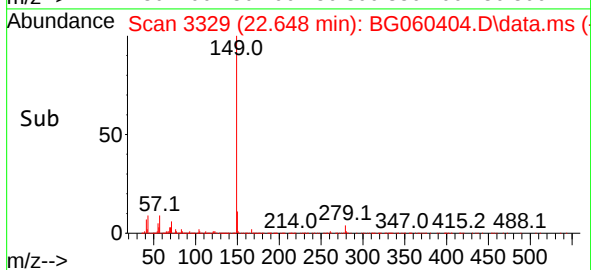
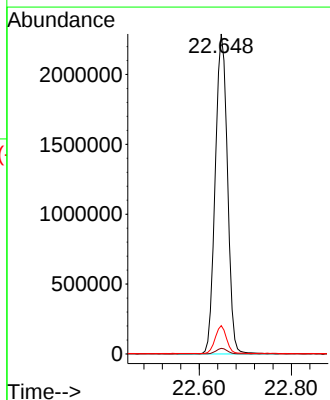
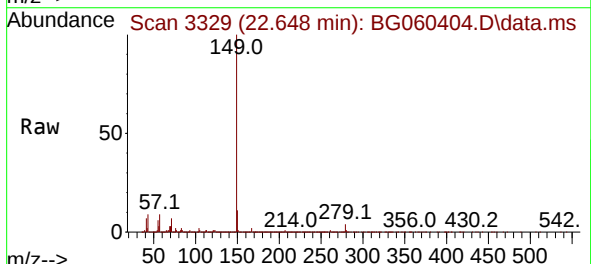
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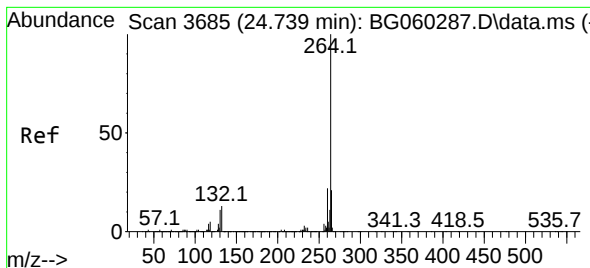
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#85
Di-n-octyl phthalate
Concen: 51.059 ng
RT: 22.648 min Scan# 3329
Delta R.T. -0.006 min
Lab File: BG060404.D
Acq: 23 Jan 2024 15:09

Tgt Ion:149 Resp: 4193904
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.1 6.8 10.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.745 min Scan# 30

Delta R.T. 0.006 min

Lab File: BG060404.D

Acq: 23 Jan 2024 15:09

Instrument :

BNA_G

ClientSampleId :

IDOC-03

Tgt Ion:264 Resp: 163080

Ion Ratio Lower Upper

264 100

260 23.0 17.8 26.6

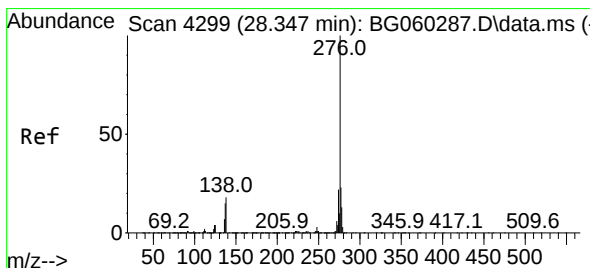
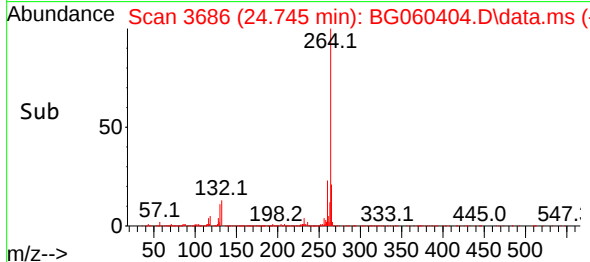
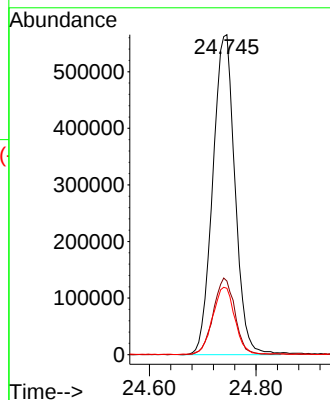
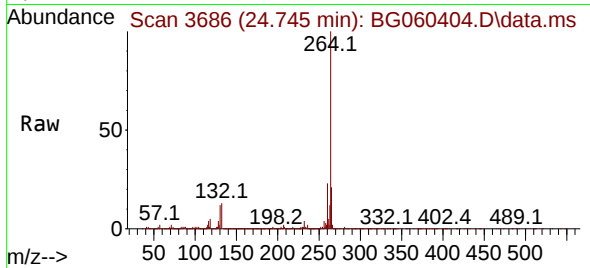
265 20.7 16.8 25.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/24/2024

Supervised By :mohammad ahmed 01/25/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 48.243 ng

RT: 28.359 min Scan# 4301

Delta R.T. 0.012 min

Lab File: BG060404.D

Acq: 23 Jan 2024 15:09

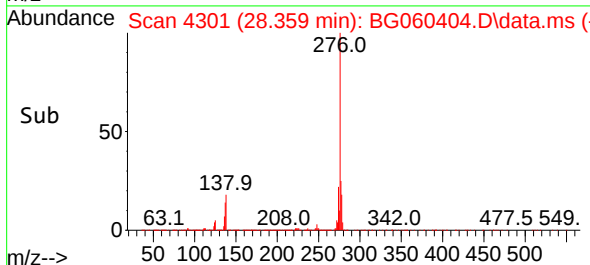
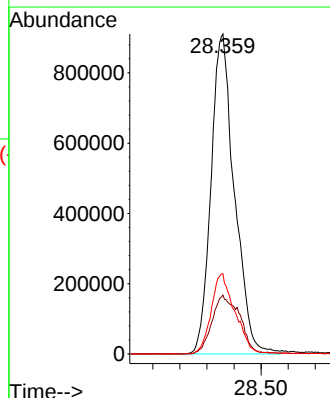
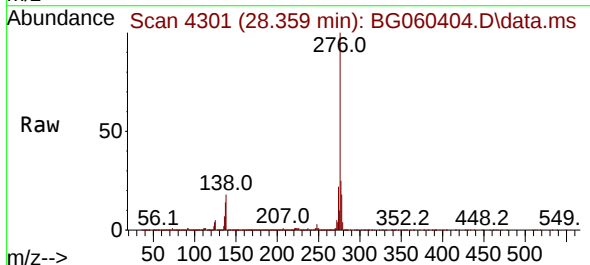
Tgt Ion:276 Resp: 5470363

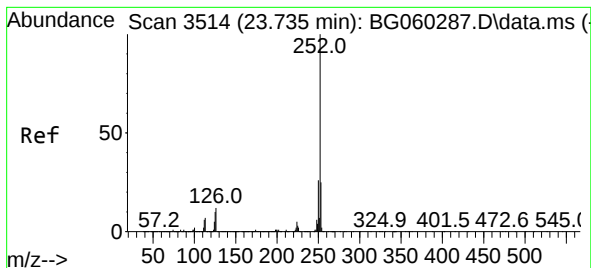
Ion Ratio Lower Upper

276 100

138 21.8 12.5 18.7#

277 25.4 20.5 30.7





#88

Benzo(b)fluoranthene

Concen: 48.053 ng

RT: 23.741 min Scan# 3514

Delta R.T. 0.006 min

Lab File: BG060404.D

Acq: 23 Jan 2024 15:09

Instrument :

BNA_G

ClientSampleId :

IDOC-03

Tgt Ion:252 Resp: 4629440

Ion Ratio Lower Upper

252 100

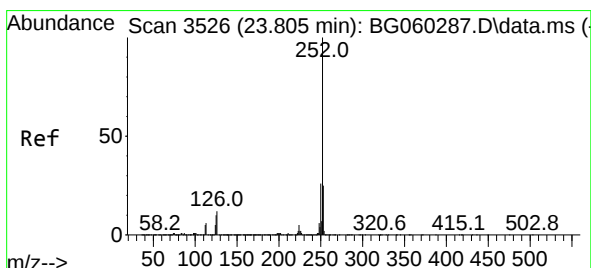
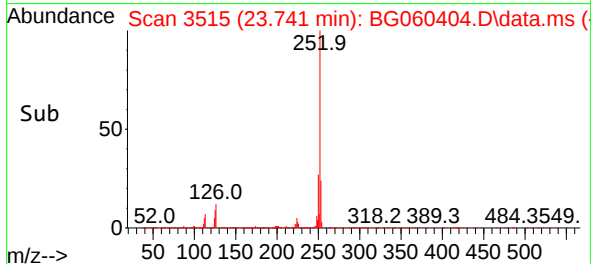
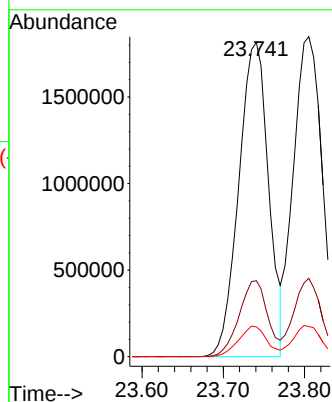
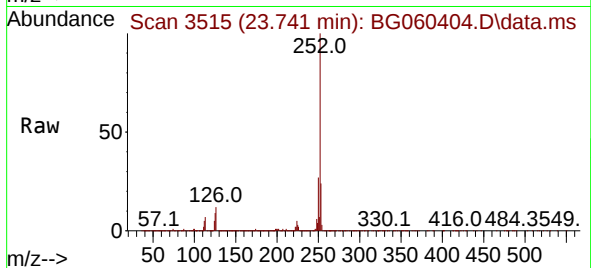
253 24.2 20.0 30.0

125 9.5 8.1 12.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#89

Benzo(k)fluoranthene

Concen: 48.544 ng

RT: 23.805 min Scan# 3526

Delta R.T. 0.000 min

Lab File: BG060404.D

Acq: 23 Jan 2024 15:09

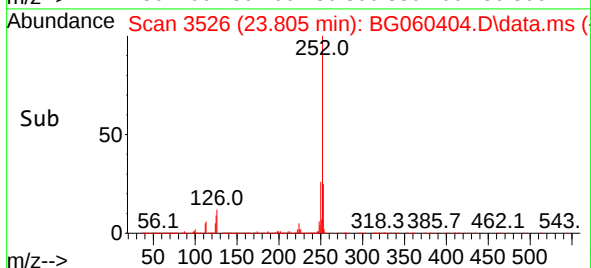
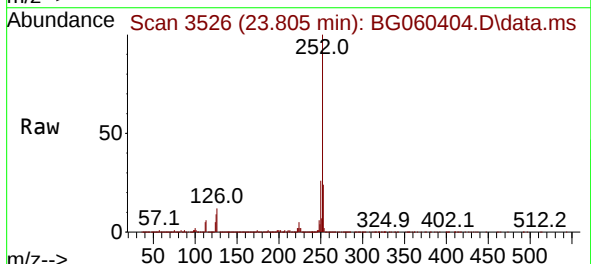
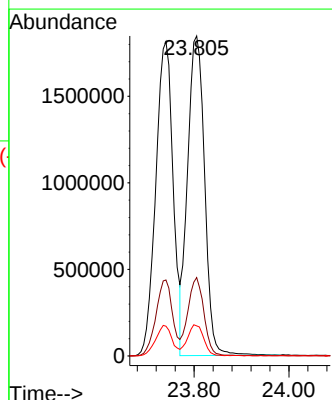
Tgt Ion:252 Resp: 4615092

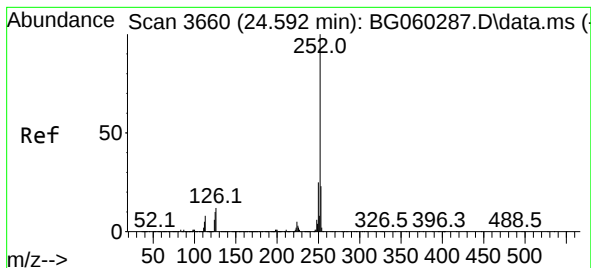
Ion Ratio Lower Upper

252 100

253 24.5 19.6 29.4

125 9.4 8.2 12.2





#90

Benzo(a)pyrene

Concen: 46.871 ng

RT: 24.593 min Scan# 30

Delta R.T. 0.000 min

Lab File: BG060404.D

Acq: 23 Jan 2024 15:09

Instrument :

BNA_G

ClientSampleId :

IDOC-03

Tgt Ion:252 Resp: 4079198

Ion Ratio Lower Upper

252 100

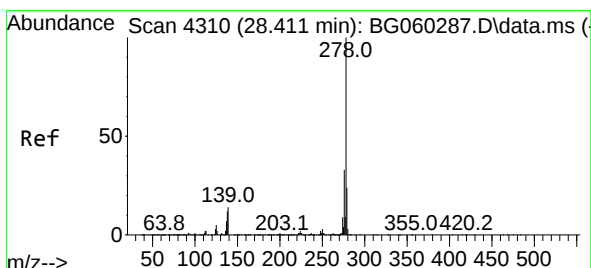
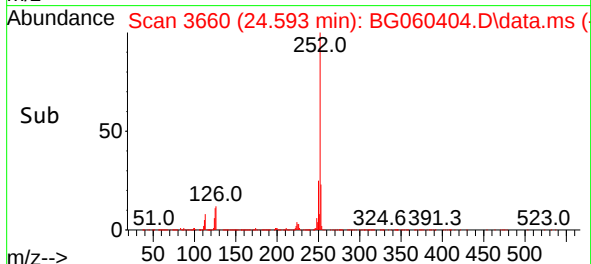
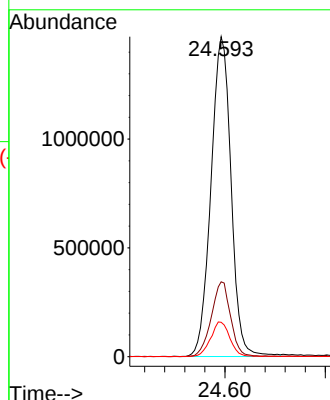
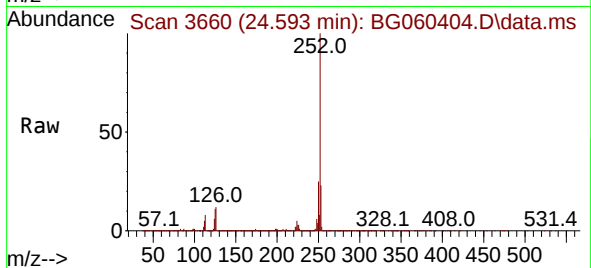
253 23.4 18.1 27.1

125 10.7 8.1 12.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#91

Dibenzo(a,h)anthracene

Concen: 48.839 ng

RT: 28.417 min Scan# 4311

Delta R.T. 0.006 min

Lab File: BG060404.D

Acq: 23 Jan 2024 15:09

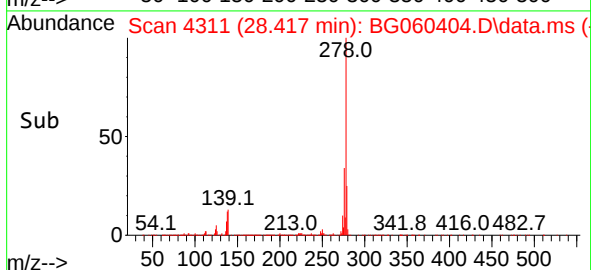
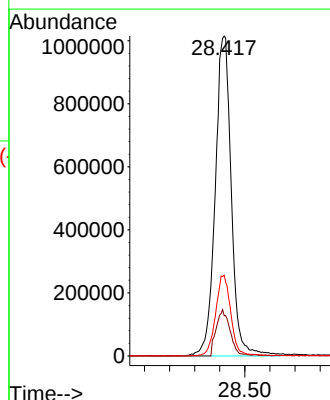
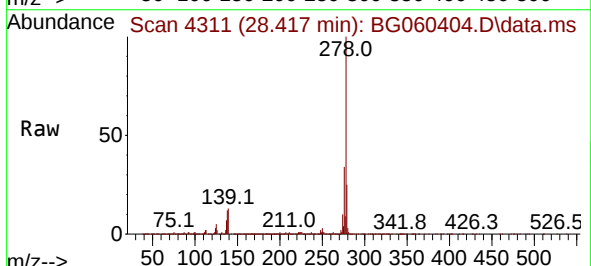
Tgt Ion:278 Resp: 4522628

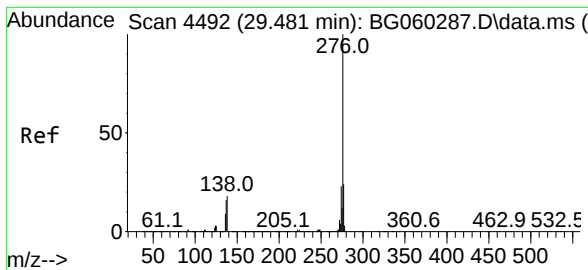
Ion Ratio Lower Upper

278 100

139 12.6 10.9 16.3

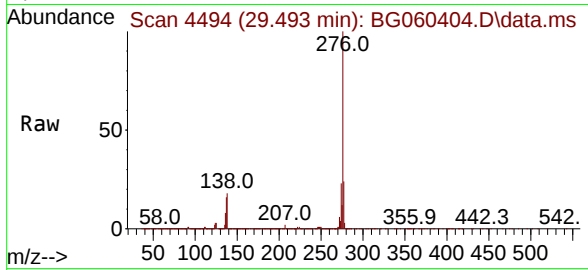
279 25.2 19.2 28.8





#92
 Benzo(g,h,i)perylene
 Concen: 46.627 ng
 RT: 29.493 min Scan# 44
 Delta R.T. 0.012 min
 Lab File: BG060404.D
 Acq: 23 Jan 2024 15:09

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-03



Tgt Ion:276 Resp: 442540
 Ion Ratio Lower Upper
 276 100
 277 24.0 19.4 29.0
 138 17.8 14.2 21.4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024
 Supervised By :mohammad ahmed 01/25/2024

