

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090624\
 Data File : BG062678.D
 Acq On : 6 Sep 2024 12:38
 Operator : MA/JU
 Sample : IDOC-04
 Misc : 8270-WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-04

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/07/2024
 Supervised By :mohammad ahmed 09/07/2024

Quant Time: Sep 06 13:13:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	87186	20.000	ng	0.00
21) Naphthalene-d8	10.714	136	363638	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	313908	20.000	ng	0.00
64) Phenanthrene-d10	17.294	188	859313	20.000	ng	0.00
76) Chrysene-d12	21.542	240	859483	20.000	ng	0.00
86) Perylene-d12	24.609	264	871007	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	671025	133.036	ng	0.00
7) Phenol-d6	7.095	99	906802	124.447	ng	0.00
23) Nitrobenzene-d5	9.081	82	571858	84.695	ng	0.00
42) 2,4,6-Tribromophenol	16.043	330	617394	139.755	ng	0.00
45) 2-Fluorobiphenyl	13.176	172	1458400	75.255	ng	0.00
79) Terphenyl-d14	19.909	244	3197380	73.764	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.405	88	57274	27.257	ng	99
3) Pyridine	3.798	79	151171	24.970	ng	98
4) n-Nitrosodimethylamine	3.710	42	127878	43.447	ng	94
6) Aniline	7.247	93	158666	23.306	ng	96
8) 2-Chlorophenol	7.488	128	255196	47.126	ng	93
9) Benzaldehyde	7.059	77	31723	7.484	ng	84
10) Phenol	7.118	94	345936	46.896	ng	96
11) bis(2-Chloroethyl)ether	7.341	93	228535	40.465	ng	98
12) 1,3-Dichlorobenzene	7.811	146	237239	39.922	ng	98
13) 1,4-Dichlorobenzene	7.958	146	248507	40.635	ng	97
14) 1,2-Dichlorobenzene	8.276	146	241018	40.094	ng	99
15) Benzyl Alcohol	8.158	79	249653	46.306	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.440	45	413425	38.408	ng	100
17) 2-Methylphenol	8.364	107	226158	43.983	ng	97
18) Hexachloroethane	9.004	117	88258	38.488	ng	91
19) n-Nitroso-di-n-propyla...	8.728	70	207069	36.064	ng	98
20) 3+4-Methylphenols	8.693	107	316749	41.755	ng	97
22) Acetophenone	8.740	105	359311	36.627	ng	97
24) Nitrobenzene	9.122	77	302309	42.109	ng	100
25) Isophorone	9.645	82	584274	39.421	ng	99
26) 2-Nitrophenol	9.827	139	133542	49.230	ng	98
27) 2,4-Dimethylphenol	9.891	122	195596	49.211	ng	99
28) bis(2-Chloroethoxy)met...	10.126	93	328610	41.416	ng	99
29) 2,4-Dichlorophenol	10.367	162	273253	49.170	ng	96
30) 1,2,4-Trichlorobenzene	10.579	180	280784	42.622	ng	98
31) Naphthalene	10.767	128	746699	41.428	ng	99
32) Benzoic acid	10.050	122	186178	43.553	ng	98
33) 4-Chloroaniline	10.873	127	170884	24.092	ng	96
34) Hexachlorobutadiene	11.055	225	193289	42.008	ng	99
35) Caprolactam	11.654	113	93516m	43.651	ng	
36) 4-Chloro-3-methylphenol	12.001	107	312034	46.549	ng	98
37) 2-Methylnaphthalene	12.371	142	585134	41.856	ng	97
38) 1-Methylnaphthalene	12.594	142	555984	39.608	ng	99
40) 1,2,4,5-Tetrachloroben...	12.741	216	372680	39.478	ng	99
41) Hexachlorocyclopentadiene	12.723	237	270053	100.263	ng	97
43) 2,4,6-Trichlorophenol	12.982	196	279757	46.747	ng	97

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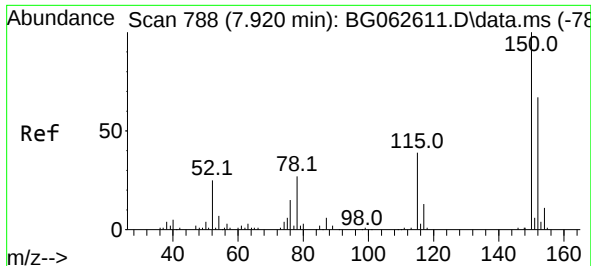
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.058	196	320713	47.322	ng	99
46) 1,1'-Biphenyl	13.381	154	786980	37.579	ng	98
47) 2-Chloronaphthalene	13.422	162	687984	40.535	ng	99
48) 2-Nitroaniline	13.622	65	239424	53.634	ng	92
49) Acenaphthylene	14.269	152	1129217	44.927	ng	97
50) Dimethylphthalate	14.010	163	1004019	43.741	ng	99
51) 2,6-Dinitrotoluene	14.122	165	213677	49.216	ng	96
52) Acenaphthene	14.615	154	644130	40.995	ng	99
53) 3-Nitroaniline	14.451	138	165513	39.398	ng	98
54) 2,4-Dinitrophenol	14.662	184	279617	114.762	ng	99
55) Dibenzofuran	14.950	168	1172502	43.513	ng	98
56) 4-Nitrophenol	14.774	139	360692	101.310	ng	95
57) 2,4-Dinitrotoluene	14.915	165	316941	53.503	ng	94
58) Fluorene	15.596	166	909489	43.008	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.173	232	330305	51.447	ng	96
60) Diethylphthalate	15.373	149	1004046	44.133	ng	97
61) 4-Chlorophenyl-phenyle...	15.591	204	529148	43.587	ng	96
62) 4-Nitroaniline	15.620	138	221387	47.793	ng	98
63) Azobenzene	15.884	77	924758	43.289	ng	98
65) 4,6-Dinitro-2-methylph...	15.679	198	205070	53.476	ng	93
66) n-Nitrosodiphenylamine	15.808	169	877398	42.468	ng	99
67) 4-Bromophenyl-phenylether	16.484	248	387946	43.743	ng	96
68) Hexachlorobenzene	16.601	284	457274	43.537	ng	97
69) Atrazine	16.754	200	274651	39.140	ng	97
70) Pentachlorophenol	16.948	266	564693	83.943	ng	98
71) Phenanthrene	17.336	178	1714706	42.751	ng	99
72) Anthracene	17.424	178	1704445	43.221	ng	99
73) Carbazole	17.694	167	1520619	41.944	ng	99
74) Di-n-butylphthalate	18.258	149	1755228	42.931	ng	99
75) Fluoranthene	19.345	202	2113235	41.658	ng	98
77) Benzidine	19.527	184	130224	8.406	ng	98
78) Pyrene	19.709	202	2195711	40.189	ng	97
80) Butylbenzylphthalate	20.602	149	746420	46.513	ng	99
81) Benzo(a)anthracene	21.525	228	2342941	43.220	ng	98
82) 3,3'-Dichlorobenzidine	21.442	252	617829	34.985	ng	99
83) Chrysene	21.584	228	2228575	42.919	ng	98
84) Bis(2-ethylhexyl)phtha...	21.437	149	1072850	44.006	ng	98
85) Di-n-octyl phthalate	22.600	149	1874307	43.909	ng	99
87) Indeno(1,2,3-cd)pyrene	28.088	276	2888945	51.726	ng	# 93
88) Benzo(b)fluoranthene	23.646	252	2351363	48.876	ng	99
89) Benzo(k)fluoranthene	23.710	252	2364542	50.245	ng	100
90) Benzo(a)pyrene	24.474	252	2194018	51.622	ng	98
91) Dibenzo(a,h)anthracene	28.152	278	2388940	51.923	ng	98
92) Benzo(g,h,i)perylene	29.180	276	2268605	48.899	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 71
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

Instrument :

BNA_G

ClientSampleId :

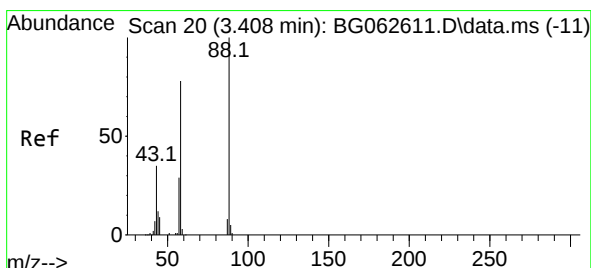
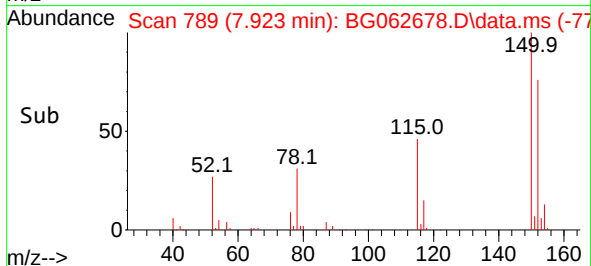
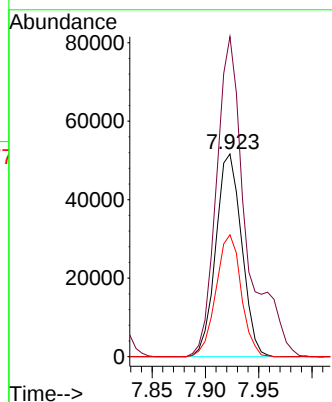
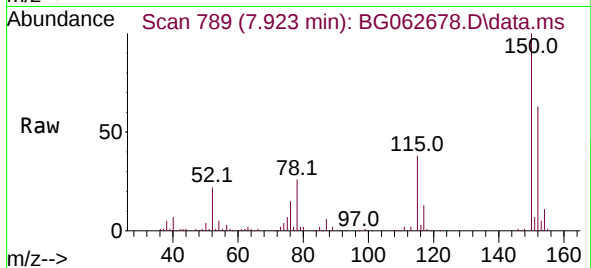
IDOC-04

Tgt Ion:152 Resp: 87180
Ion Ratio Lower Upper
152 100
150 157.8 119.9 179.9
115 60.2 46.6 69.8

Manual Integrations

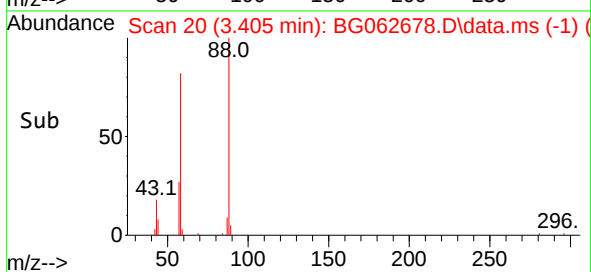
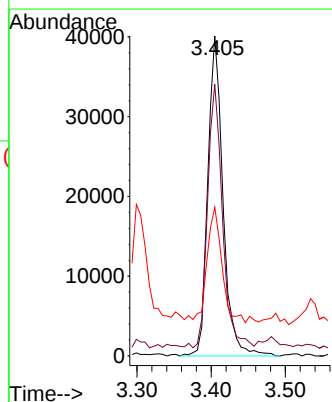
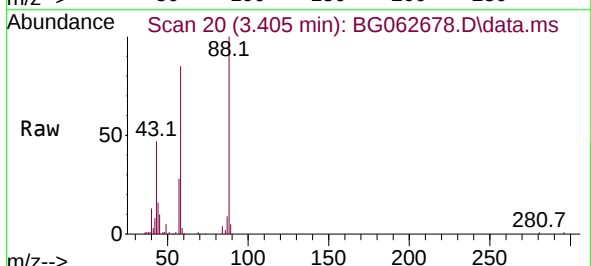
APPROVED

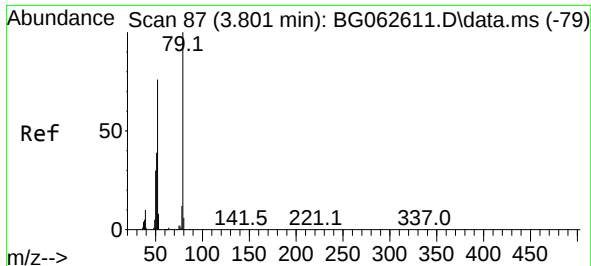
Reviewed By :Yogesh Patel 09/07/2024
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#2
1,4-Dioxane
Concen: 27.257 ng
RT: 3.405 min Scan# 20
Delta R.T. -0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

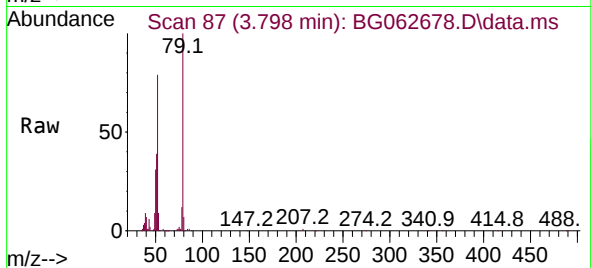
Tgt Ion: 88 Resp: 57274
Ion Ratio Lower Upper
88 100
58 79.1 62.3 93.5
43 34.7 27.5 41.3





#3
Pyridine
Concen: 24.970 ng
RT: 3.798 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

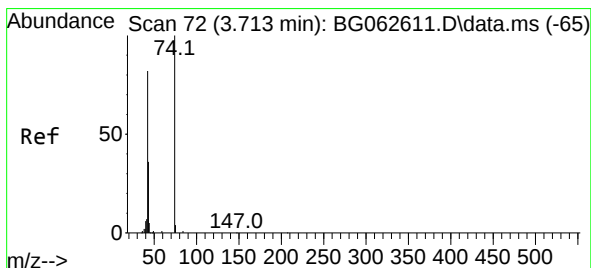
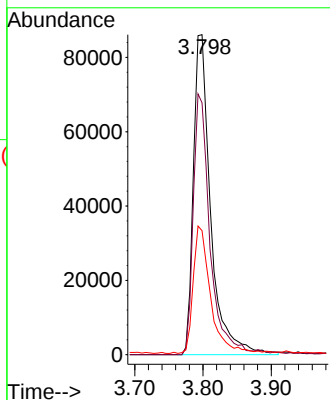
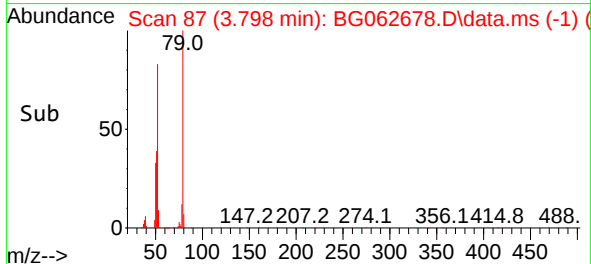
Instrument :
BNA_G
ClientSampleId :
IDOC-04



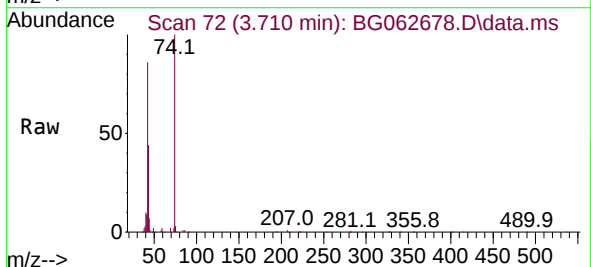
Tgt Ion: 79 Resp: 15117
Ion Ratio Lower Upper
79 100
52 78.7 60.9 91.3
51 38.8 31.5 47.3

Manual Integrations
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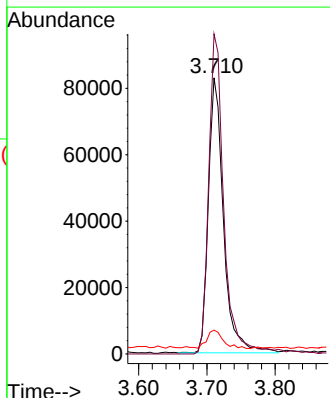
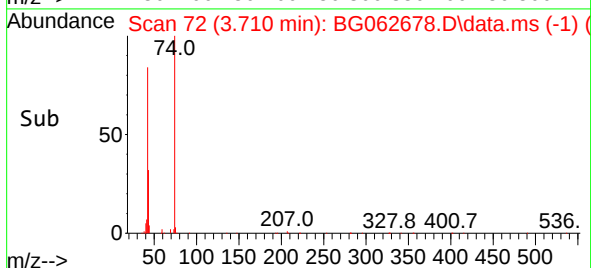
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

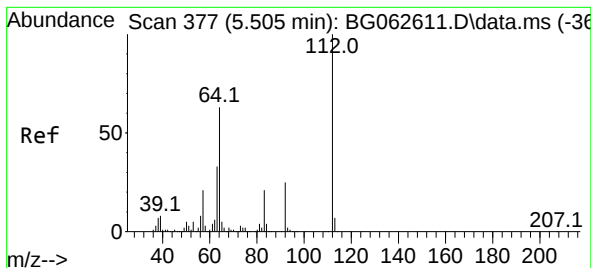


#4
n-Nitrosodimethylamine
Concen: 43.447 ng
RT: 3.710 min Scan# 72
Delta R.T. -0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38



Tgt Ion: 42 Resp: 127878
Ion Ratio Lower Upper
42 100
74 115.9 98.0 147.0
44 8.6 7.4 11.2





#5

2-Fluorophenol

Concen: 133.036 ng

RT: 5.502 min Scan# 377

Delta R.T. -0.003 min

Lab File: BG062678.D

Acq: 6 Sep 2024 12:38

Instrument :

BNA_G

ClientSampleId :

IDOC-04

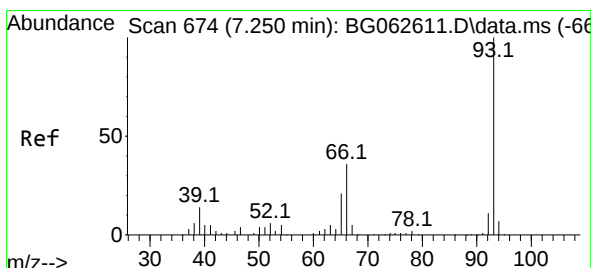
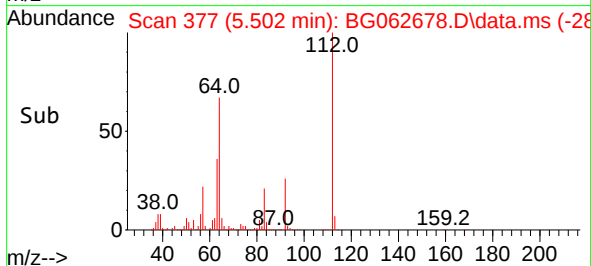
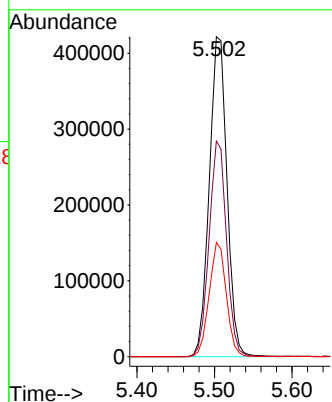
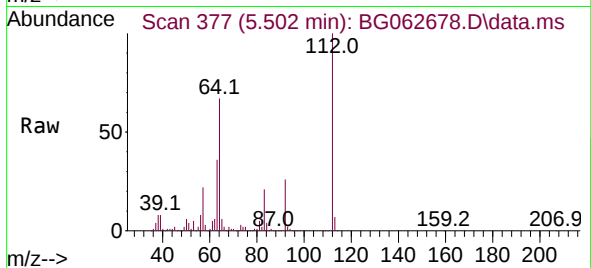
Tgt Ion:	112	Resp:	67102
Ion Ratio	Lower	Upper	
112	100		
64	67.4	50.2	75.2
63	35.7	26.6	39.8

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#6

Aniline

Concen: 23.306 ng

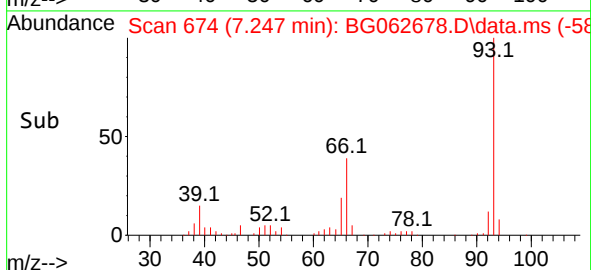
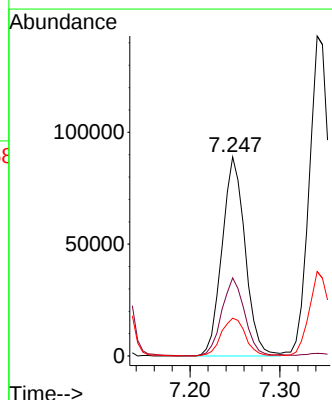
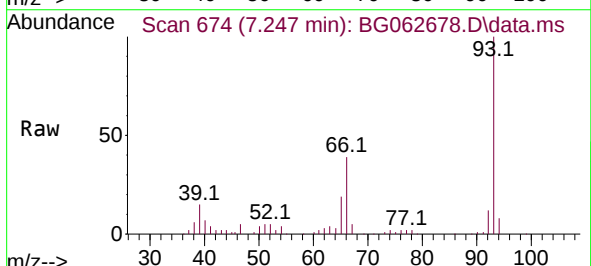
RT: 7.247 min Scan# 674

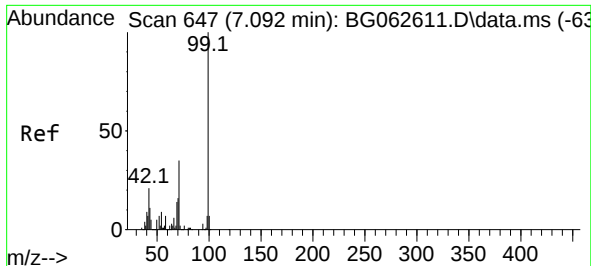
Delta R.T. -0.003 min

Lab File: BG062678.D

Acq: 6 Sep 2024 12:38

Tgt Ion:	93	Resp:	158666
Ion Ratio	Lower	Upper	
93	100		
66	39.2	29.1	43.7
65	19.0	16.6	25.0





#7

Phenol-d6

Concen: 124.447 ng

RT: 7.095 min Scan# 647

Delta R.T. 0.003 min

Lab File: BG062678.D

Acq: 6 Sep 2024 12:38

Instrument :

BNA_G

ClientSampleId :

IDOC-04

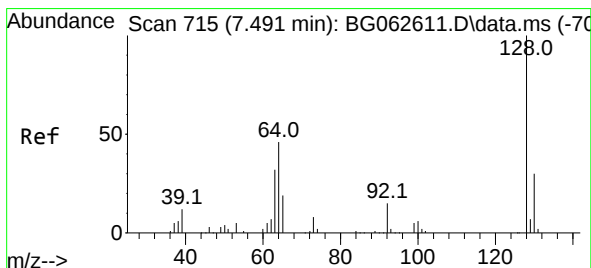
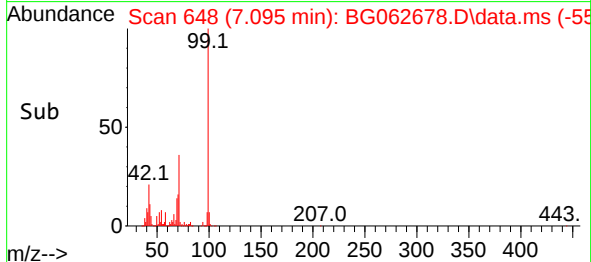
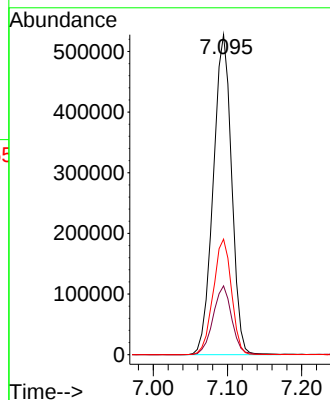
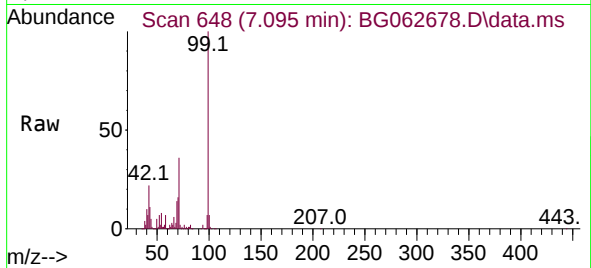
Tgt Ion: 99	Resp: 90680
Ion Ratio	Lower Upper
99 100	
42 21.5	16.9 25.3
71 36.1	27.9 41.9

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#8

2-Chlorophenol

Concen: 47.126 ng

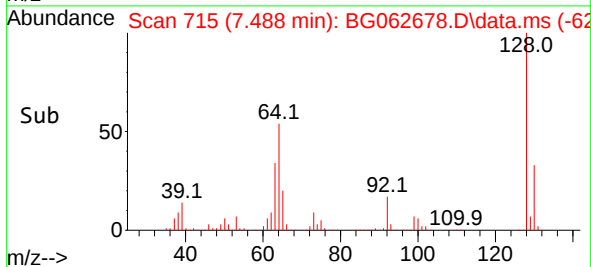
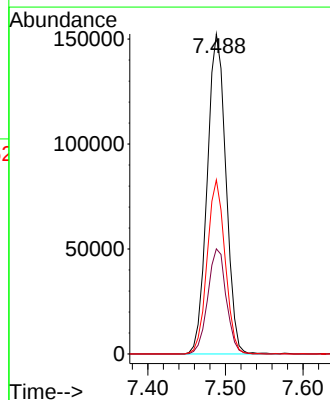
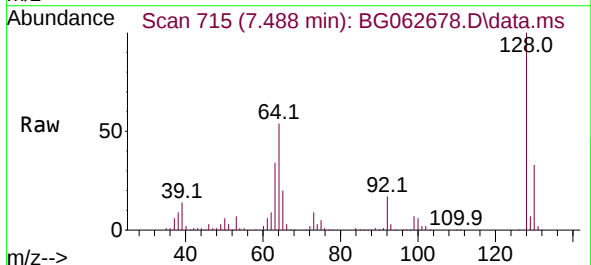
RT: 7.488 min Scan# 715

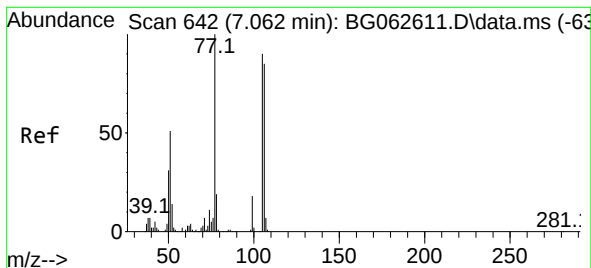
Delta R.T. -0.003 min

Lab File: BG062678.D

Acq: 6 Sep 2024 12:38

Tgt Ion:128	Resp: 255196
Ion Ratio	Lower Upper
128 100	
130 32.9	10.0 50.0
64 54.4	28.8 68.8





#9

Benzaldehyde

Concen: 7.484 ng

RT: 7.059 min Scan# 642

Delta R.T. -0.003 min

Lab File: BG062678.D

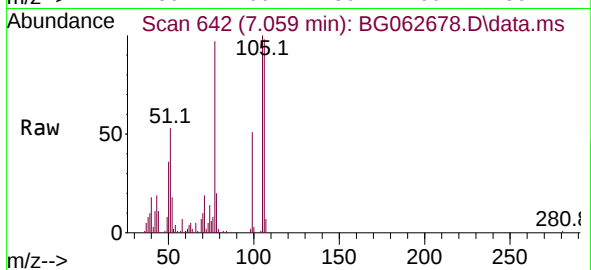
Acq: 6 Sep 2024 12:38

Instrument :

BNA_G

ClientSampleId :

IDOC-04



Tgt Ion: 77 Resp: 3172

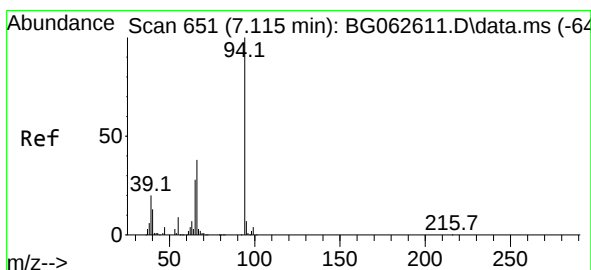
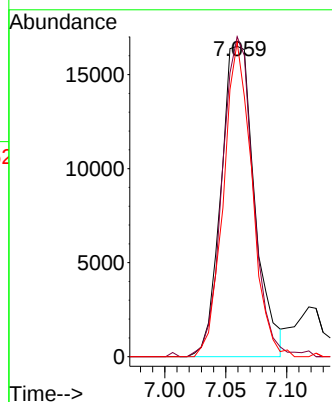
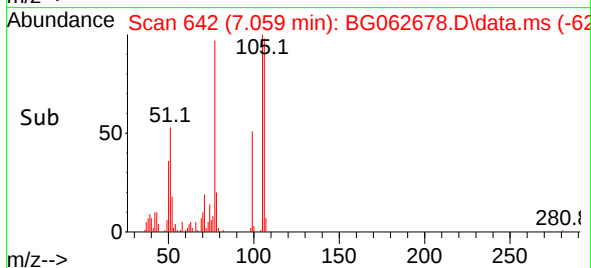
Ion	Ratio	Lower	Upper
77	100		
105	103.1	70.2	110.2
106	101.4	65.4	105.4

Manual Integrations

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#10

Phenol

Concen: 46.896 ng

RT: 7.118 min Scan# 652

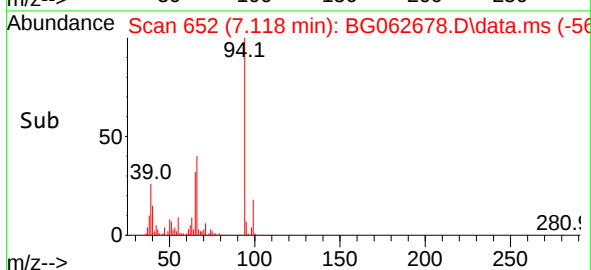
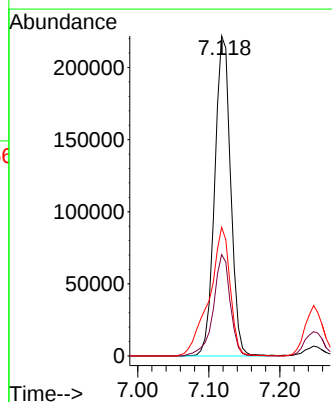
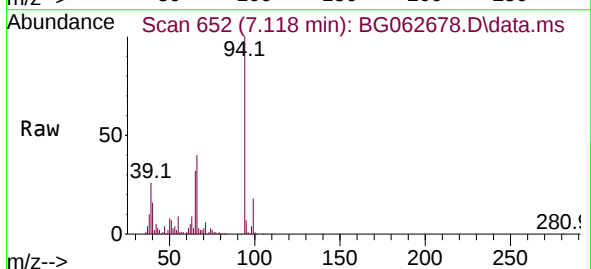
Delta R.T. 0.003 min

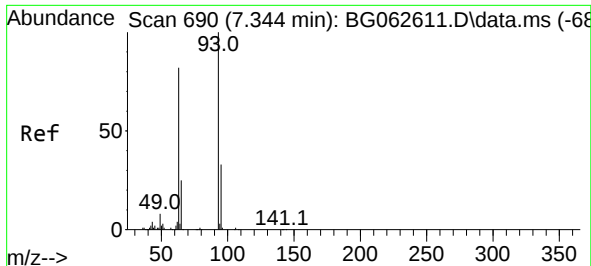
Lab File: BG062678.D

Acq: 6 Sep 2024 12:38

Tgt Ion: 94 Resp: 345936

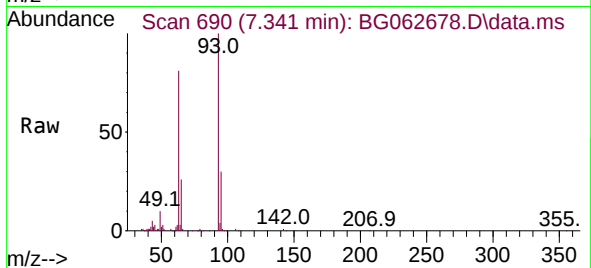
Ion	Ratio	Lower	Upper
94	100		
65	31.7	8.6	48.6
66	40.2	18.2	58.2





#11
bis(2-Chloroethyl)ether
Concen: 40.465 ng
RT: 7.341 min Scan# 690
Delta R.T. -0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

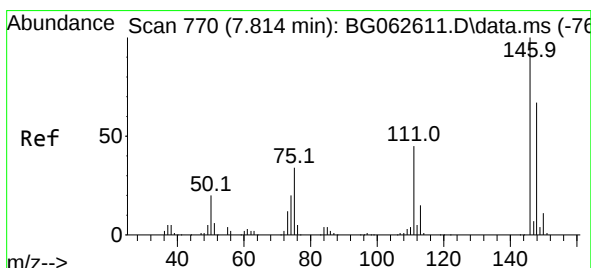
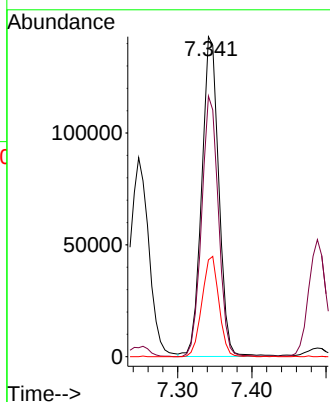
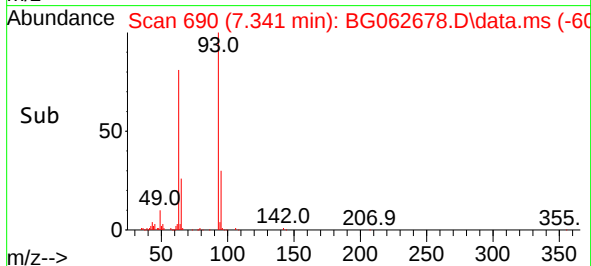
Instrument :
BNA_G
ClientSampleId :
IDOC-04



Tgt Ion: 93 Resp: 22853
Ion Ratio Lower Upper
93 100
63 81.4 61.9 101.9
95 30.2 12.9 52.9

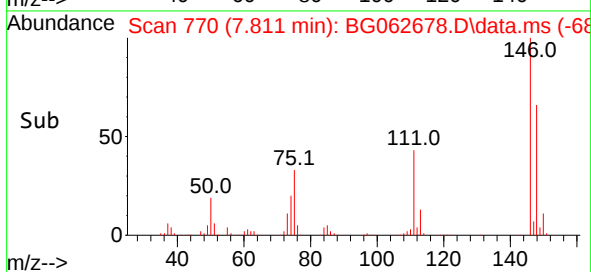
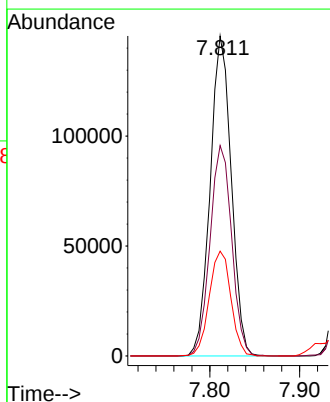
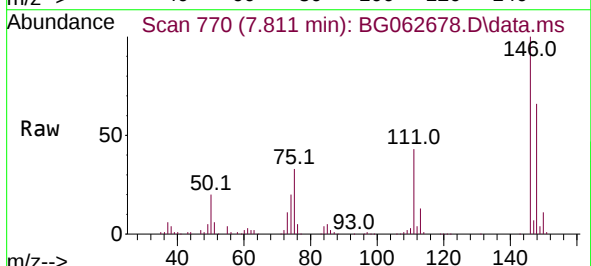
Manual Integrations
APPROVED

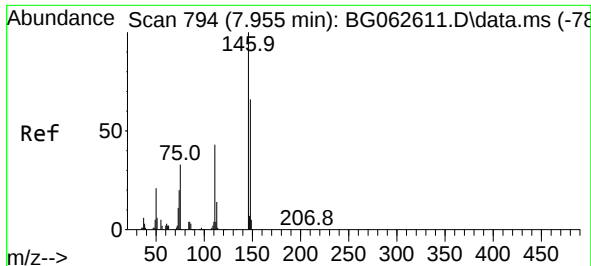
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#12
1,3-Dichlorobenzene
Concen: 39.922 ng
RT: 7.811 min Scan# 770
Delta R.T. -0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

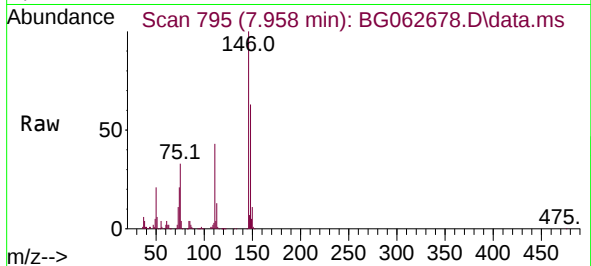
Tgt Ion:146 Resp: 237239
Ion Ratio Lower Upper
146 100
148 65.8 53.9 80.9
75 32.7 27.0 40.4





#13
1,4-Dichlorobenzene
Concen: 40.635 ng
RT: 7.958 min Scan# 794
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

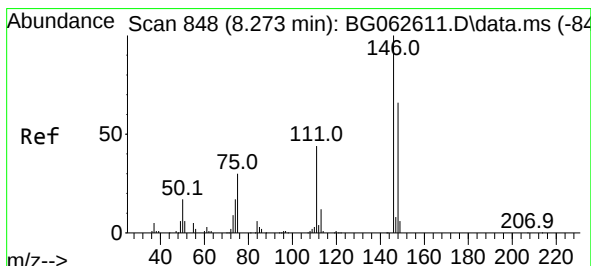
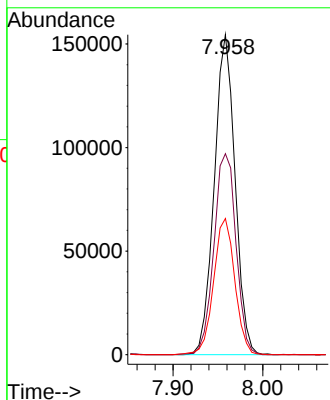
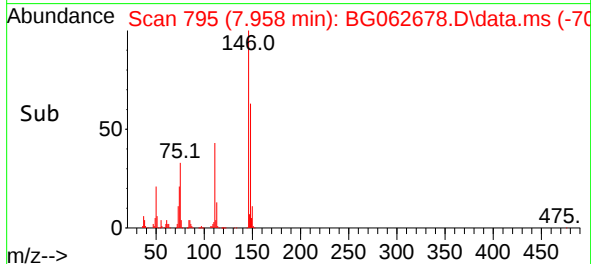
Instrument :
BNA_G
ClientSampleId :
IDOC-04



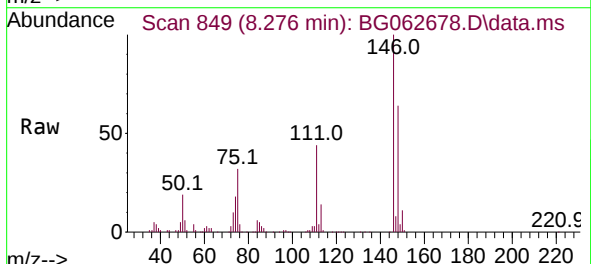
Tgt Ion:146 Resp: 248507
Ion Ratio Lower Upper
146 100
148 62.8 53.0 79.6
111 42.6 34.9 52.3

Manual Integrations
APPROVED

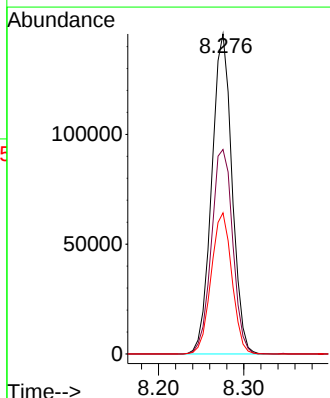
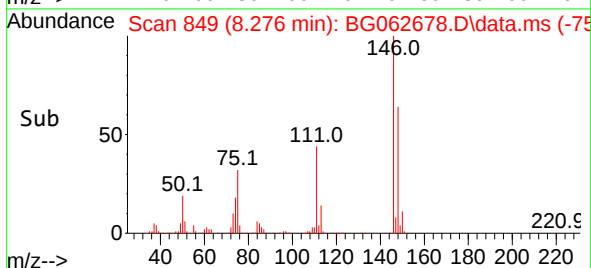
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

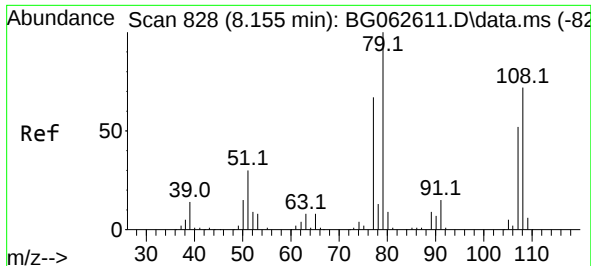


#14
1,2-Dichlorobenzene
Concen: 40.094 ng
RT: 8.276 min Scan# 849
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38



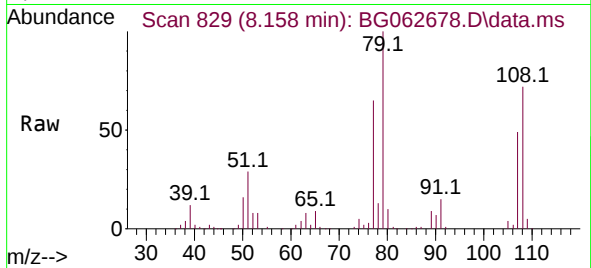
Tgt Ion:146 Resp: 241018
Ion Ratio Lower Upper
146 100
148 63.9 52.5 78.7
111 44.1 35.5 53.3





#15
Benzyl Alcohol
Concen: 46.306 ng
RT: 8.158 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

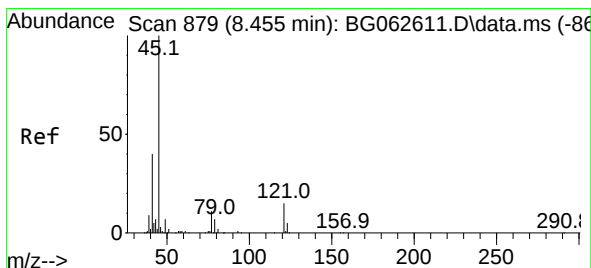
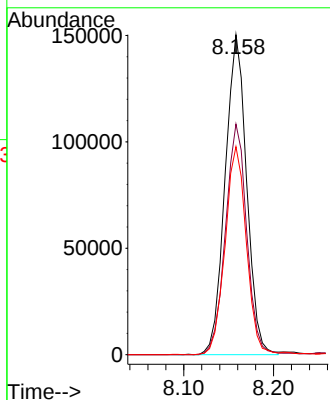
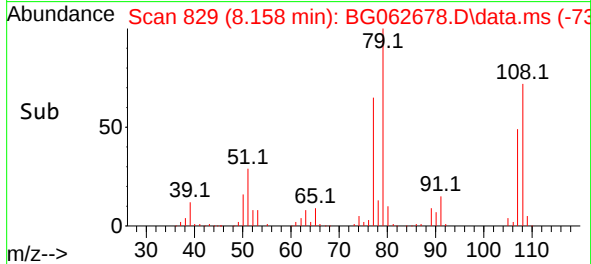
Instrument :
BNA_G
ClientSampleId :
IDOC-04



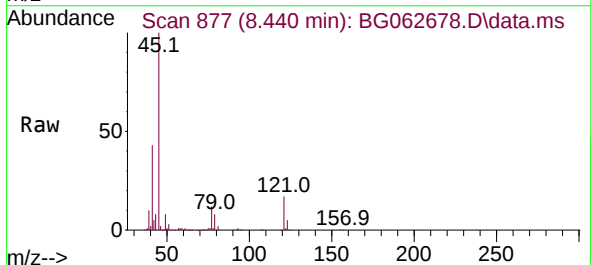
Tgt Ion: 79 Resp: 24965
Ion Ratio Lower Upper
79 100
108 72.1 57.9 86.9
77 65.0 53.4 80.2

Manual Integrations
APPROVED

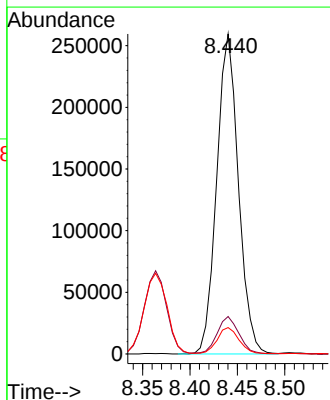
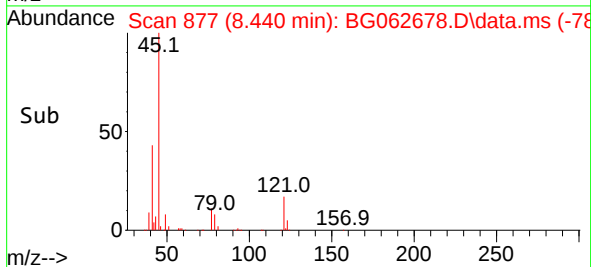
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

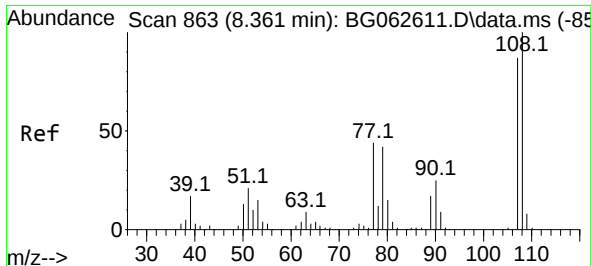


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.408 ng
RT: 8.440 min Scan# 877
Delta R.T. -0.015 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38



Tgt Ion: 45 Resp: 413425
Ion Ratio Lower Upper
45 100
77 11.7 0.0 31.7
79 8.3 0.0 28.3





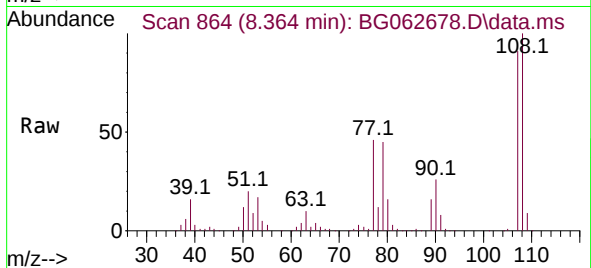
#17
2-Methylphenol
Concen: 43.983 ng
RT: 8.364 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

Instrument :

BNA_G

ClientSampleId :

IDOC-04



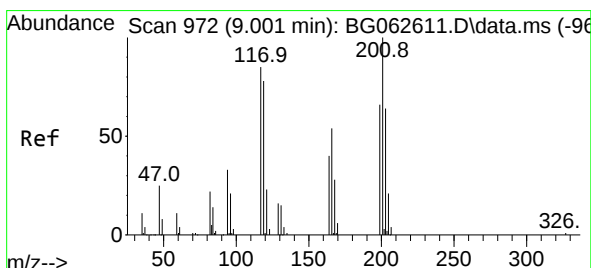
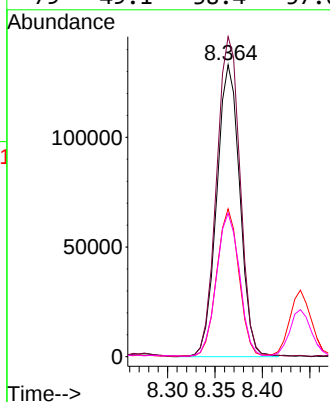
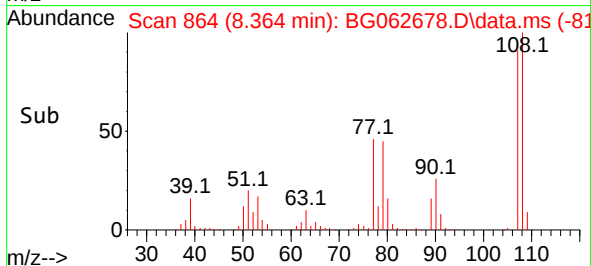
Tgt Ion:107 Resp: 226158
Ion Ratio Lower Upper
107 100
108 109.7 91.5 137.3
77 50.7 40.0 60.0
79 49.1 38.4 57.6

Manual Integrations

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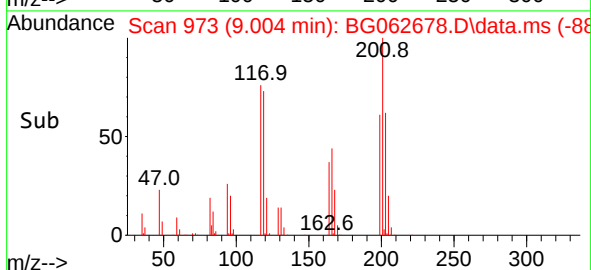
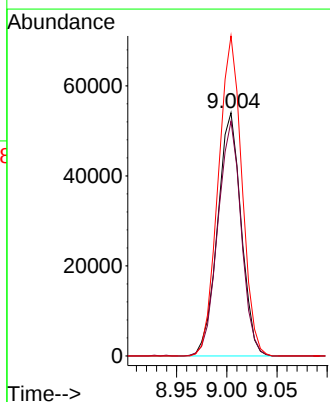
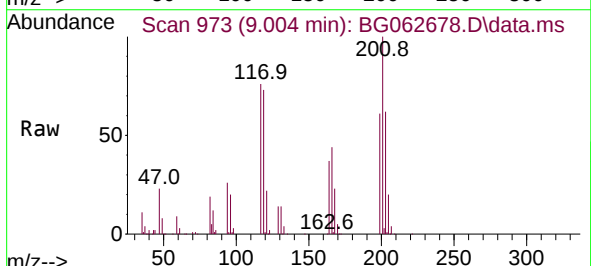
Reviewed By :Yogesh Patel 09/07/2024

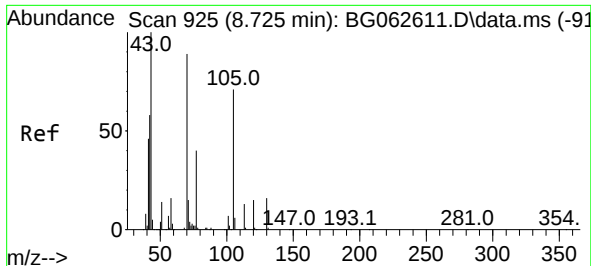
Supervised By :mohammad ahmed 09/07/2024



#18
Hexachloroethane
Concen: 38.488 ng
RT: 9.004 min Scan# 973
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

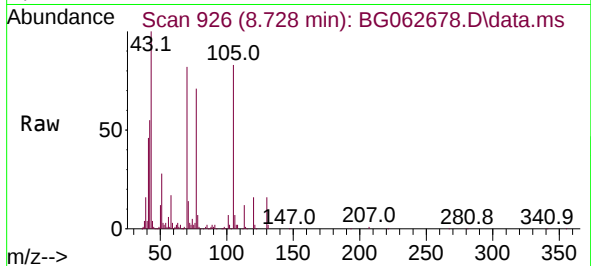
Tgt Ion:117 Resp: 88258
Ion Ratio Lower Upper
117 100
119 96.5 73.4 110.0
201 131.6 93.9 140.9





#19
n-Nitroso-di-n-propylamine
Concen: 36.064 ng
RT: 8.728 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

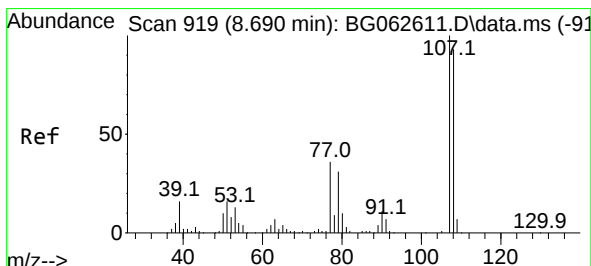
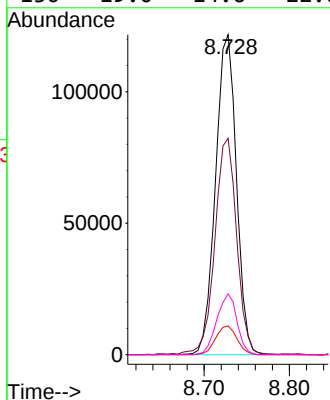
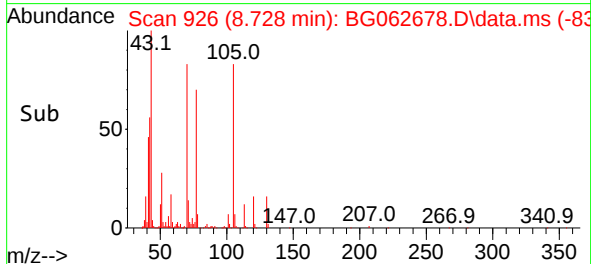
Instrument :
BNA_G
ClientSampleId :
IDOC-04



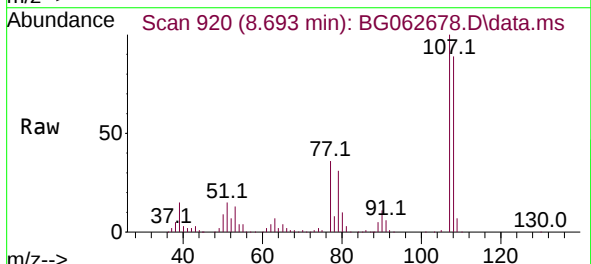
Tgt Ion: 70 Resp: 207069
Ion Ratio Lower Upper
70 100
42 67.6 52.3 78.5
101 9.0 6.6 9.8
130 19.0 14.6 22.0

Manual Integrations
APPROVED

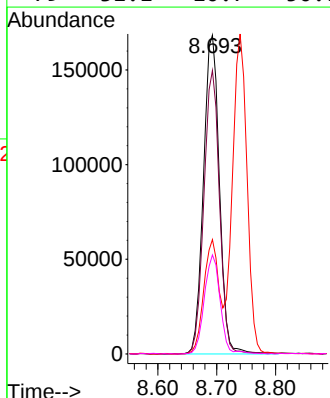
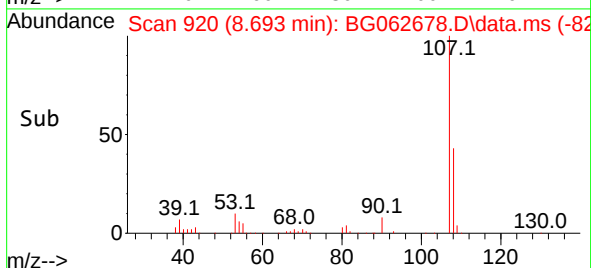
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

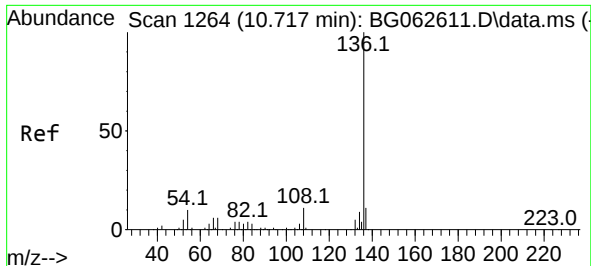


#20
3+4-Methylphenols
Concen: 41.755 ng
RT: 8.693 min Scan# 920
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38



Tgt Ion:107 Resp: 316749
Ion Ratio Lower Upper
107 100
108 88.9 72.7 112.7
77 35.9 16.5 56.5
79 31.1 10.7 50.7





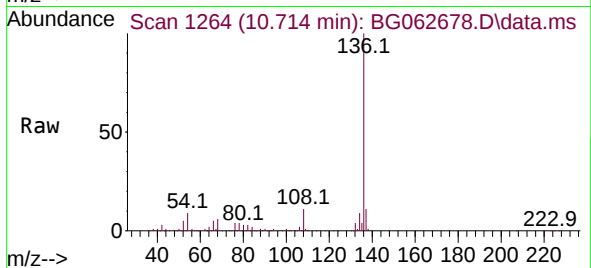
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.714 min Scan# 1264
Delta R.T. -0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

Instrument :

BNA_G

ClientSampleId :

IDOC-04

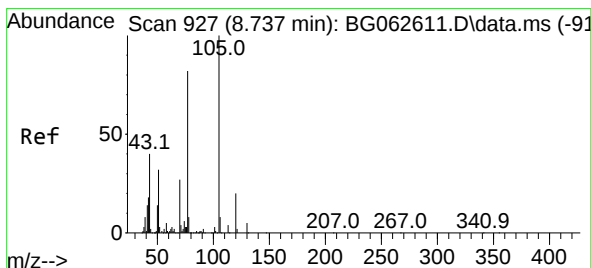
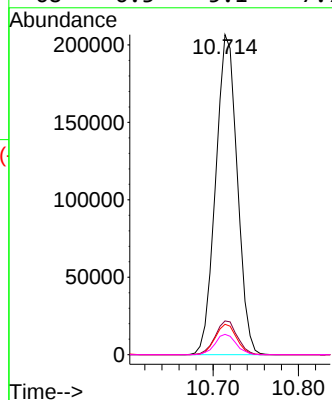
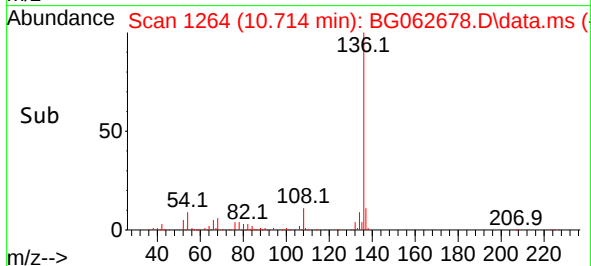


Tgt Ion:136 Resp: 363638
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 9.5 7.8 11.6
68 6.3 5.1 7.7

Manual Integrations

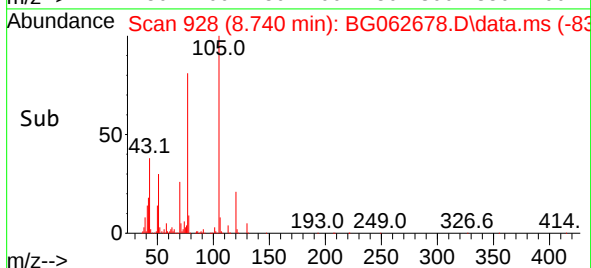
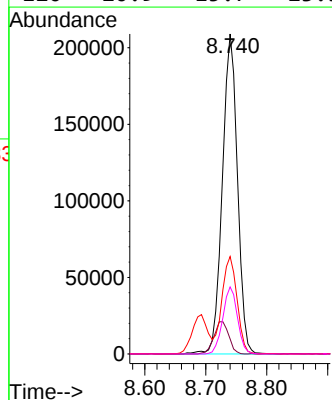
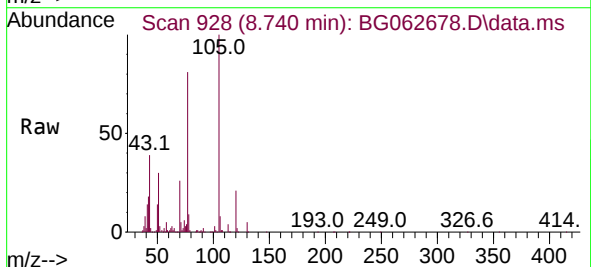
APPROVED

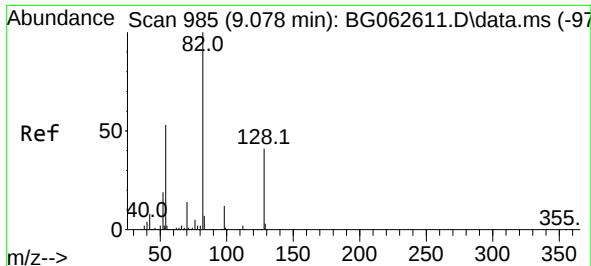
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#22
Acetophenone
Concen: 36.627 ng
RT: 8.740 min Scan# 928
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

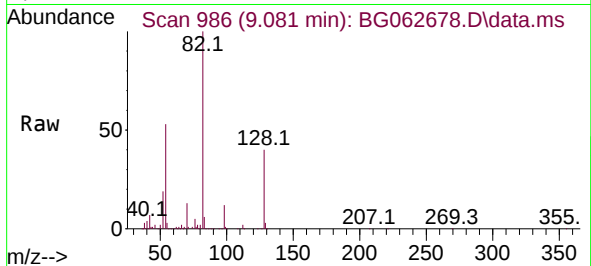
Tgt Ion:105 Resp: 359311
Ion Ratio Lower Upper
105 100
71 4.7 3.5 5.3
51 30.5 25.7 38.5
120 20.9 15.7 23.5





#23
Nitrobenzene-d5
Concen: 84.695 ng
RT: 9.081 min Scan# 901
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

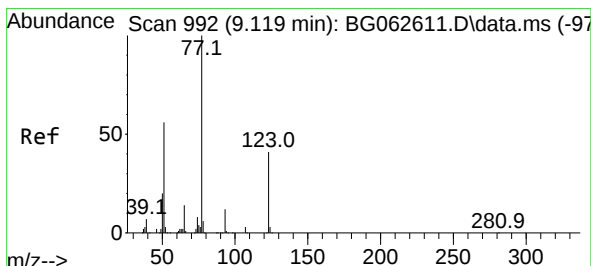
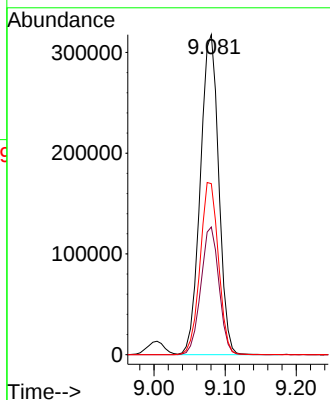
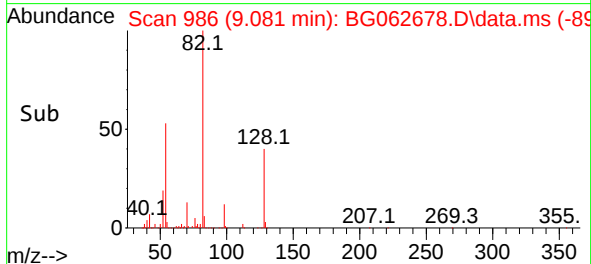
Instrument :
BNA_G
ClientSampleId :
IDOC-04



Tgt Ion: 82 Resp: 571858
Ion Ratio Lower Upper
82 100
128 39.9 32.5 48.7
54 53.5 42.5 63.7

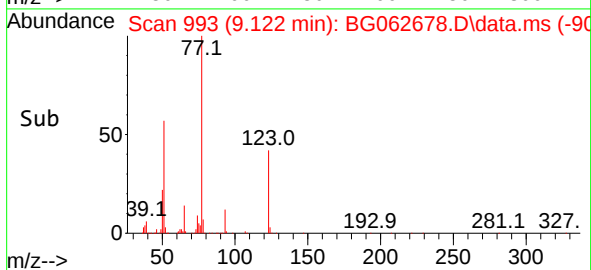
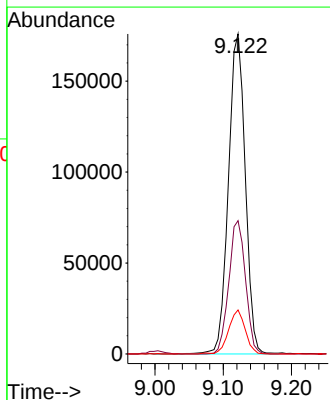
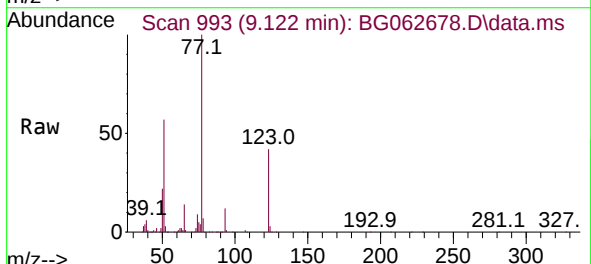
Manual Integrations
APPROVED

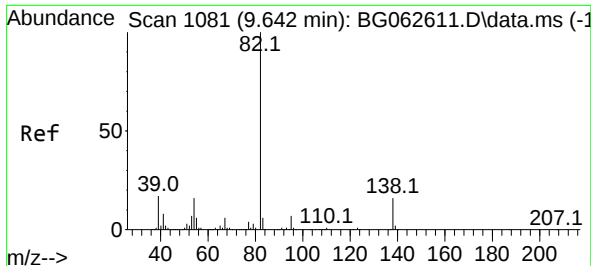
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#24
Nitrobenzene
Concen: 42.109 ng
RT: 9.122 min Scan# 993
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

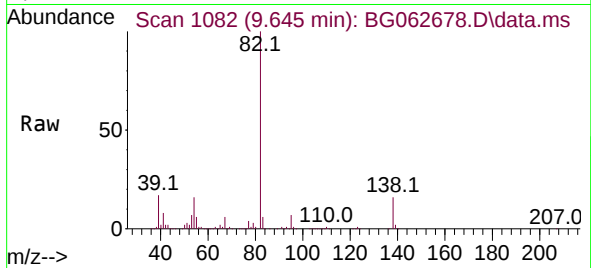
Tgt Ion: 77 Resp: 302309
Ion Ratio Lower Upper
77 100
123 41.7 33.1 49.7
65 13.8 11.0 16.4





#25
Isophorone
Concen: 39.421 ng
RT: 9.645 min Scan# 1081
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

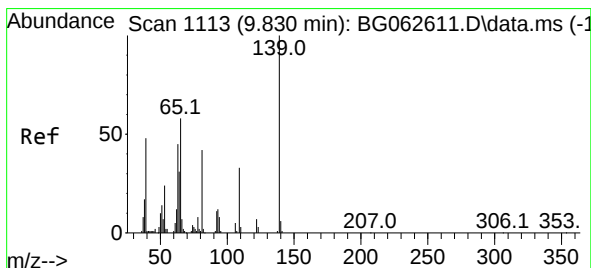
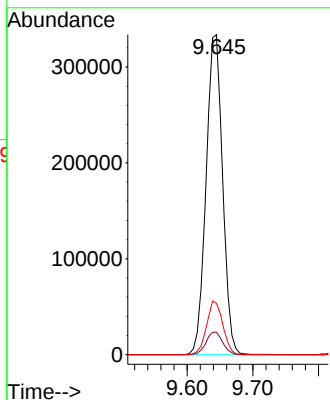
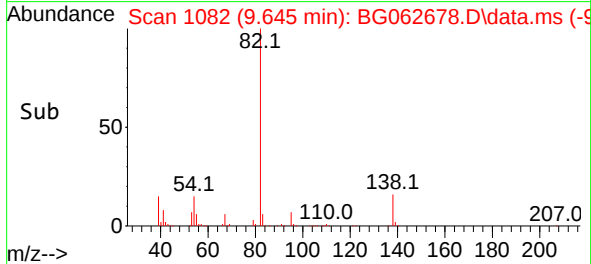
Instrument :
BNA_G
ClientSampleId :
IDOC-04



Tgt Ion: 82 Resp: 584274
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 16.0 12.6 18.8

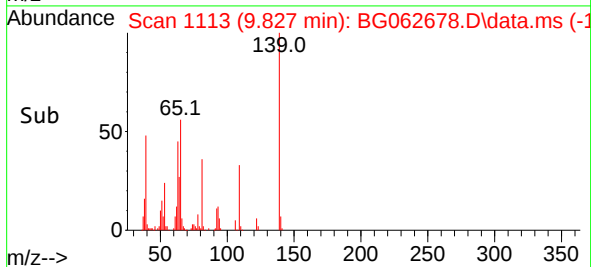
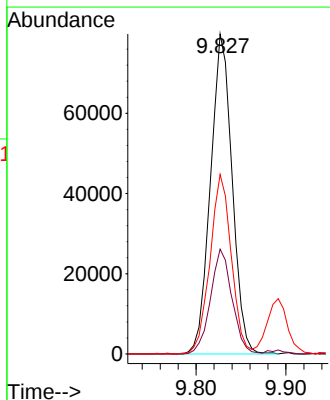
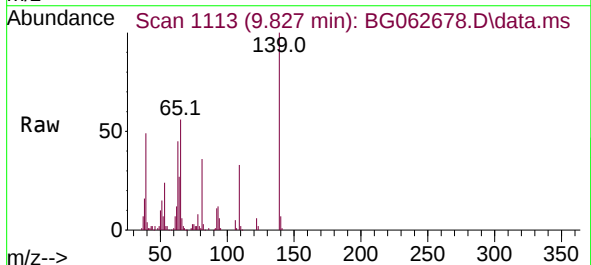
Manual Integrations
APPROVED

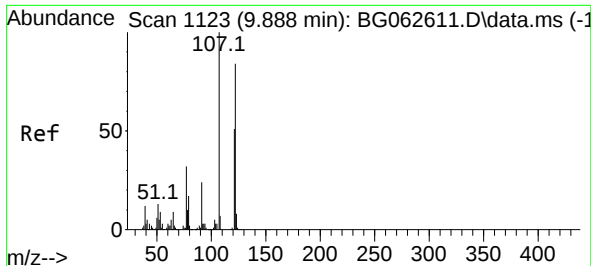
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#26
2-Nitrophenol
Concen: 49.230 ng
RT: 9.827 min Scan# 1113
Delta R.T. -0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

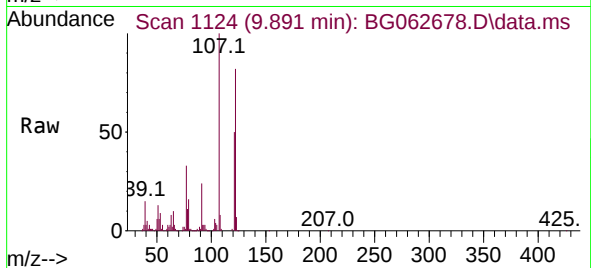
Tgt Ion:139 Resp: 133542
Ion Ratio Lower Upper
139 100
109 32.7 26.6 39.8
65 56.1 46.5 69.7





#27
2,4-Dimethylphenol
Concen: 49.211 ng
RT: 9.891 min Scan# 1123
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

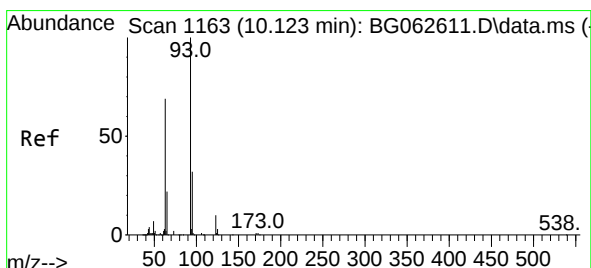
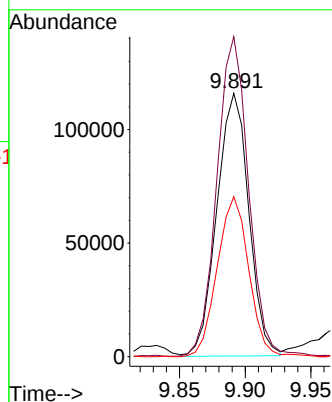
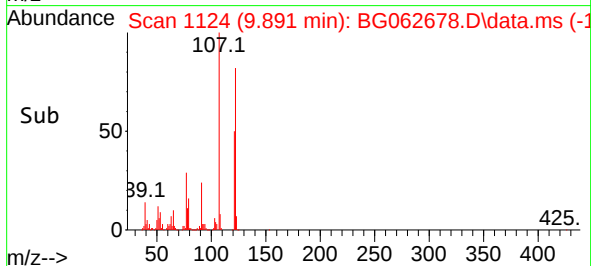
Instrument :
BNA_G
ClientSampleId :
IDOC-04



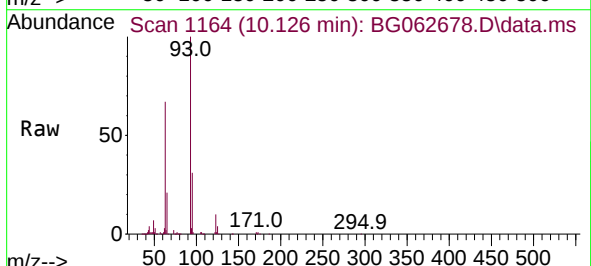
Tgt Ion:122 Resp: 195590
Ion Ratio Lower Upper
122 100
107 121.5 95.8 143.6
121 60.8 48.6 72.8

Manual Integrations
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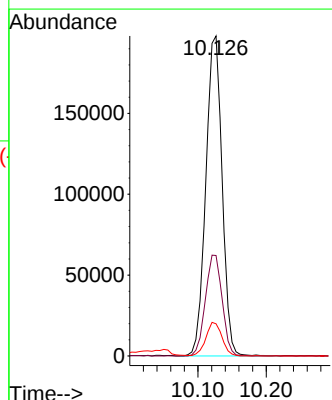
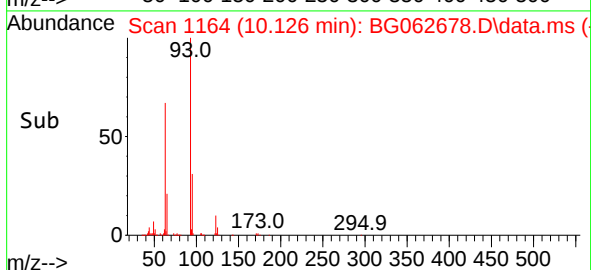
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

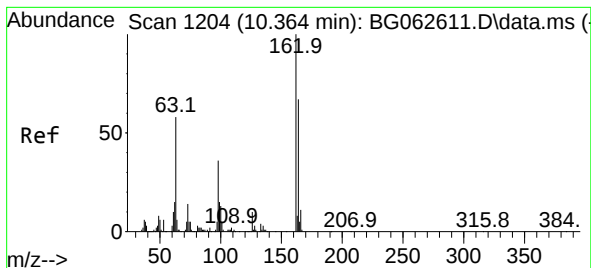


#28
bis(2-Chloroethoxy)methane
Concen: 41.416 ng
RT: 10.126 min Scan# 1164
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38



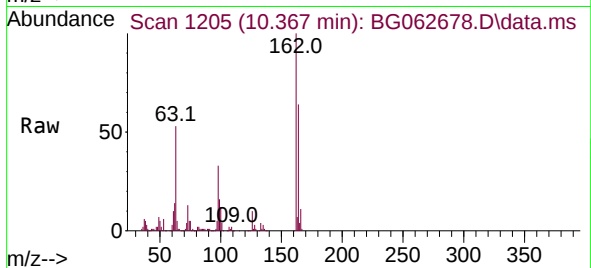
Tgt Ion: 93 Resp: 328610
Ion Ratio Lower Upper
93 100
95 31.4 25.4 38.0
123 10.1 7.9 11.9





#29
2,4-Dichlorophenol
Concen: 49.170 ng
RT: 10.367 min Scan# 1205
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

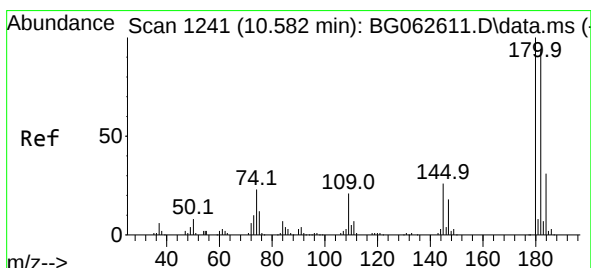
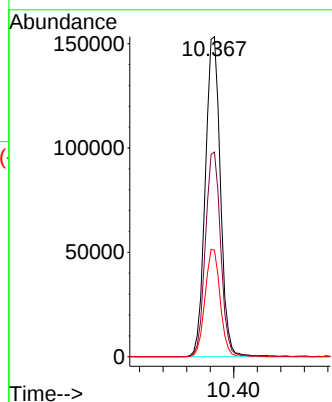
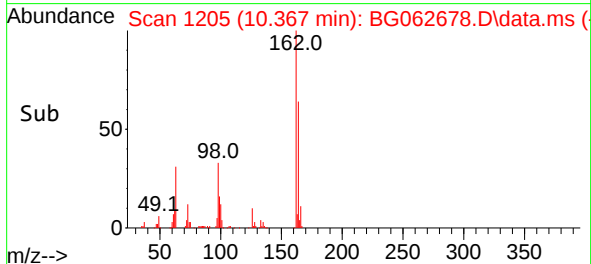
Instrument :
BNA_G
ClientSampleId :
IDOC-04



Tgt Ion:162 Resp: 27325
Ion Ratio Lower Upper
162 100
164 64.0 46.8 86.8
98 33.3 16.4 56.4

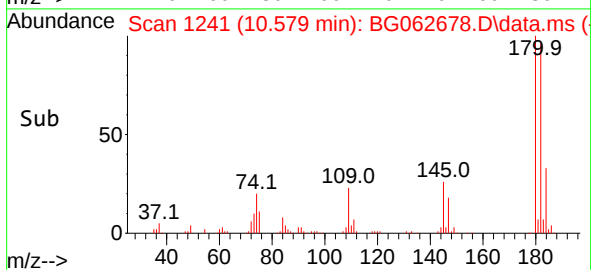
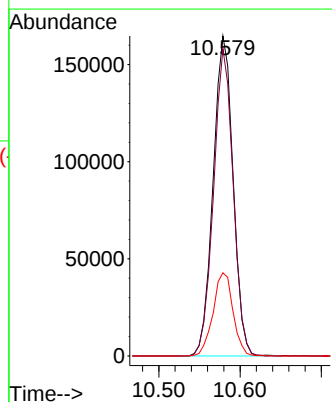
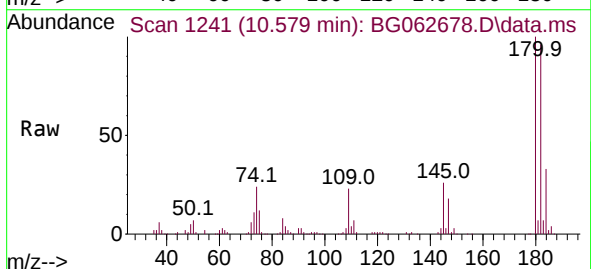
Manual Integrations
APPROVED

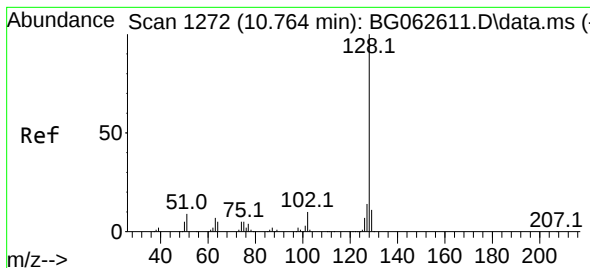
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#30
1,2,4-Trichlorobenzene
Concen: 42.622 ng
RT: 10.579 min Scan# 1241
Delta R.T. -0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

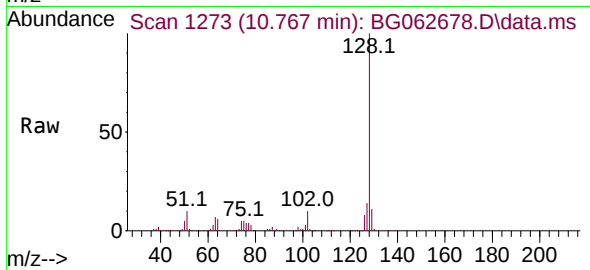
Tgt Ion:180 Resp: 280784
Ion Ratio Lower Upper
180 100
182 96.0 75.1 112.7
145 26.0 20.8 31.2





#31
Naphthalene
Concen: 41.428 ng
RT: 10.767 min Scan# 111
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

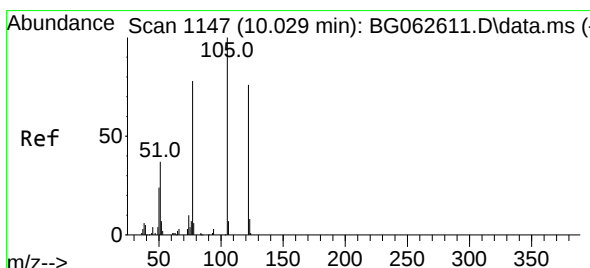
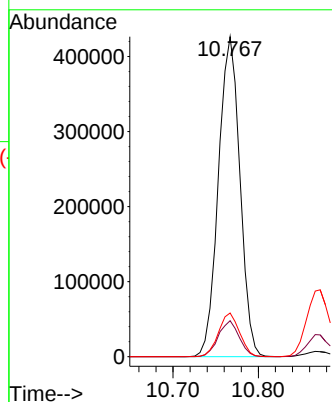
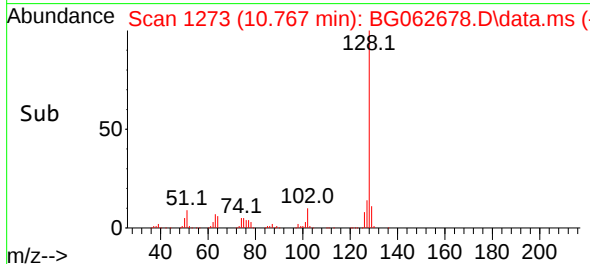
Instrument :
BNA_G
ClientSampleId :
IDOC-04



Tgt Ion:128 Resp: 746699
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.7 11.3 16.9

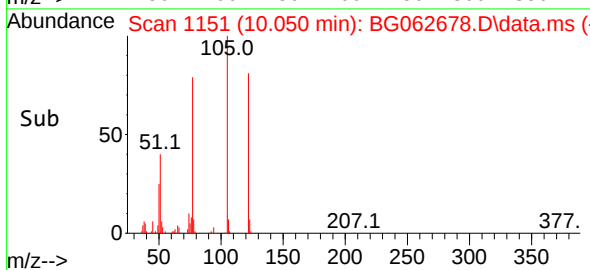
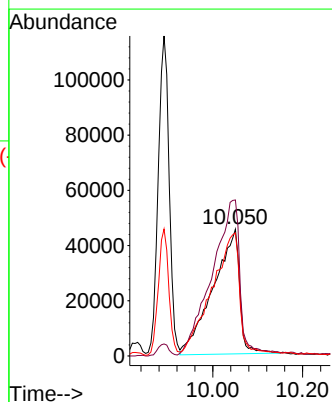
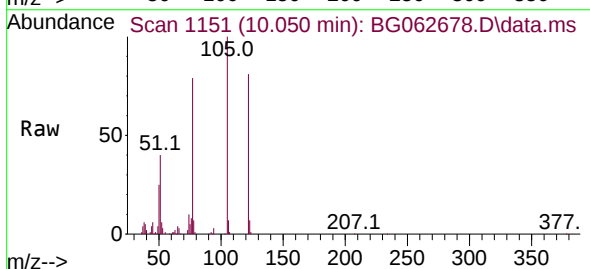
Manual Integrations
APPROVED

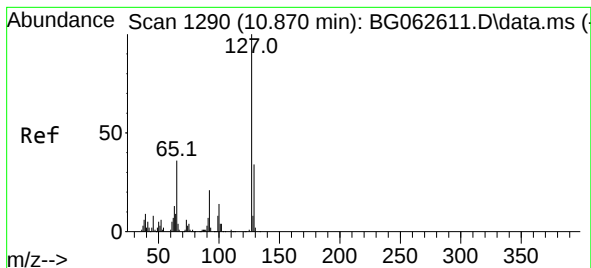
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#32
Benzoic acid
Concen: 43.553 ng
RT: 10.050 min Scan# 1151
Delta R.T. 0.021 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

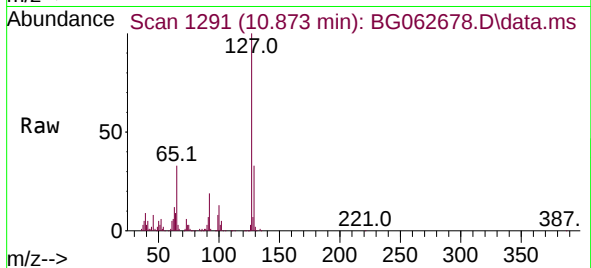
Tgt Ion:122 Resp: 186178
Ion Ratio Lower Upper
122 100
105 123.2 105.7 145.7
77 97.2 79.9 119.9





#33
4-Chloroaniline
Concen: 24.092 ng
RT: 10.873 min Scan# 1290
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

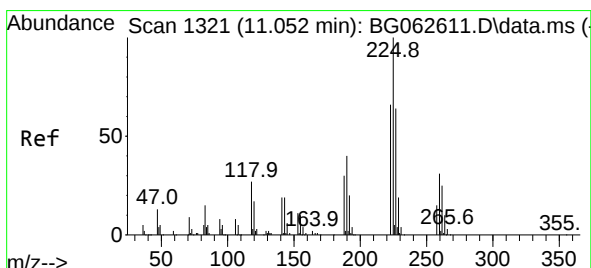
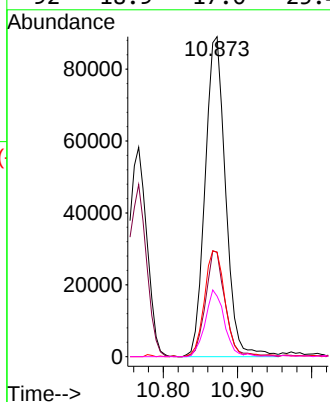
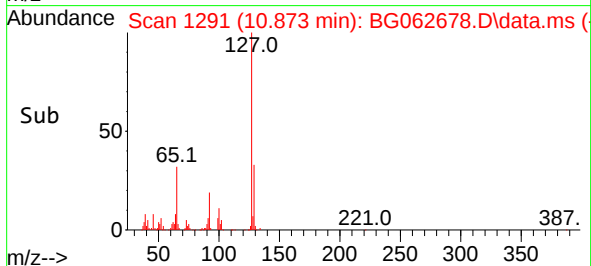
Instrument :
BNA_G
ClientSampleId :
IDOC-04



Tgt Ion:127 Resp: 170884
Ion Ratio Lower Upper
127 100
129 32.7 27.3 40.9
65 32.6 29.0 43.4
92 18.9 17.0 25.4

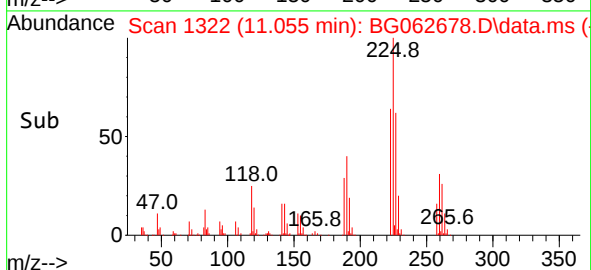
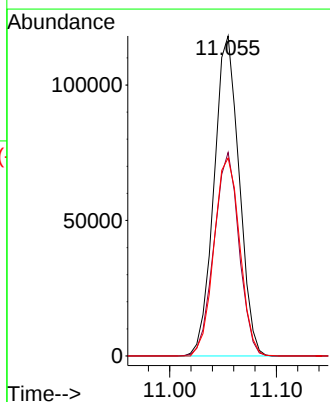
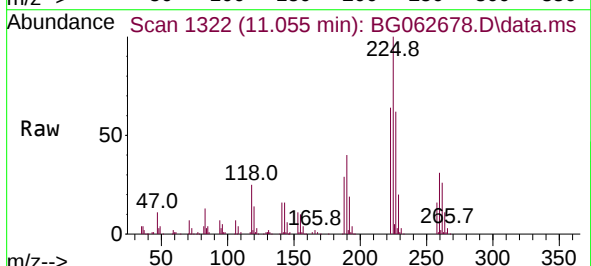
Manual Integrations
APPROVED

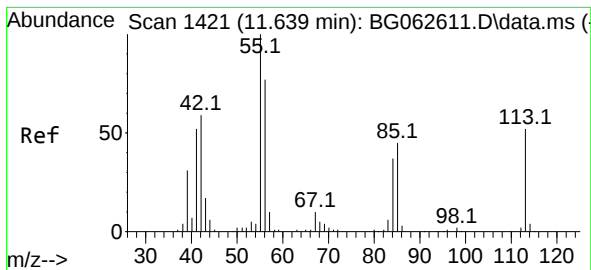
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#34
Hexachlorobutadiene
Concen: 42.008 ng
RT: 11.055 min Scan# 1322
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

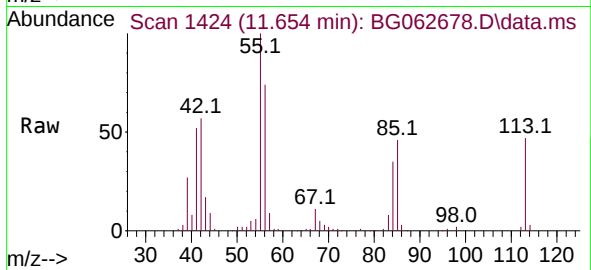
Tgt Ion:225 Resp: 193289
Ion Ratio Lower Upper
225 100
223 63.6 50.1 75.1
227 61.8 48.9 73.3





#35
Caprolactam
Concen: 43.651 ng m
RT: 11.654 min Scan# 1421
Delta R.T. 0.015 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

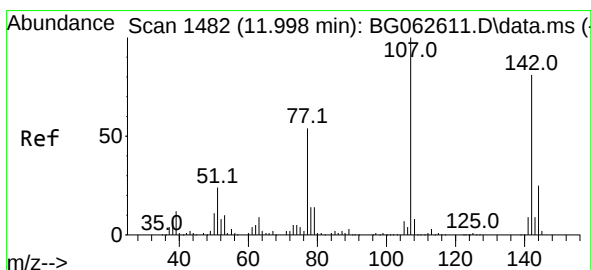
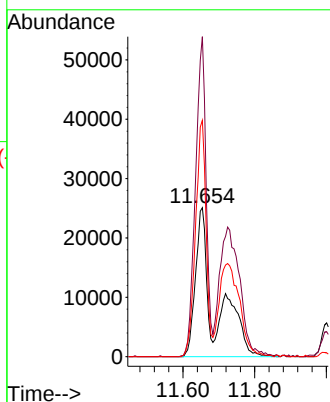
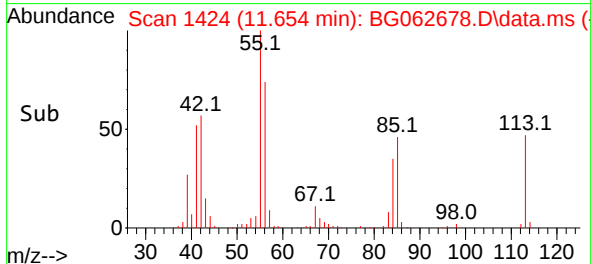
Instrument :
BNA_G
ClientSampleId :
IDOC-04



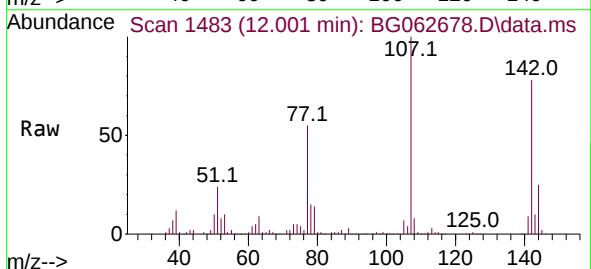
Tgt Ion:113 Resp: 93510
Ion Ratio Lower Upper
113 100
55 214.9 174.1 214.1
56 158.7 129.8 169.8

Manual Integrations
APPROVED

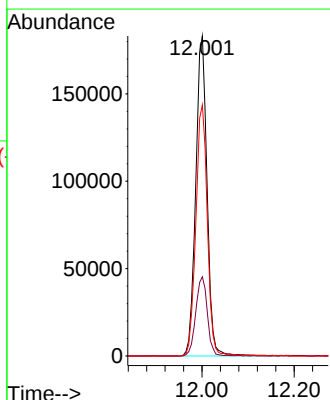
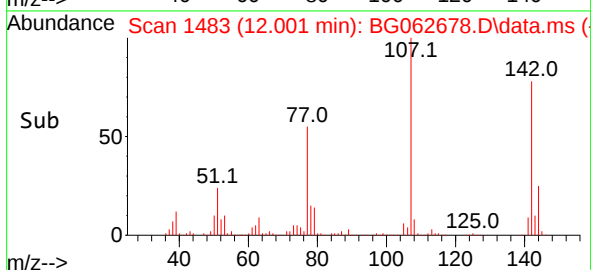
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

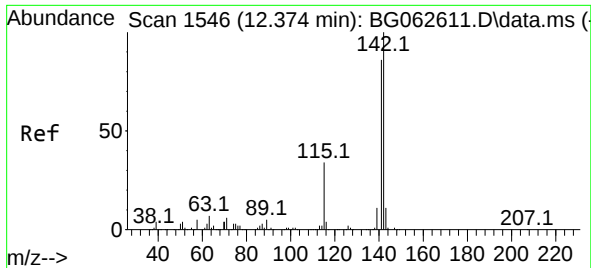


#36
4-Chloro-3-methylphenol
Concen: 46.549 ng
RT: 12.001 min Scan# 1483
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38



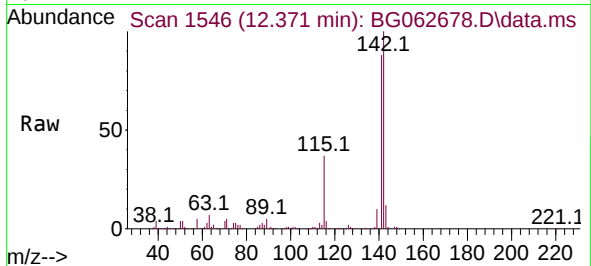
Tgt Ion:107 Resp: 312034
Ion Ratio Lower Upper
107 100
144 24.7 19.8 29.8
142 78.4 64.7 97.1





#37
2-Methylnaphthalene
Concen: 41.856 ng
RT: 12.371 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

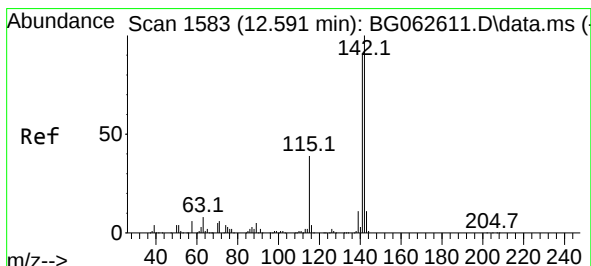
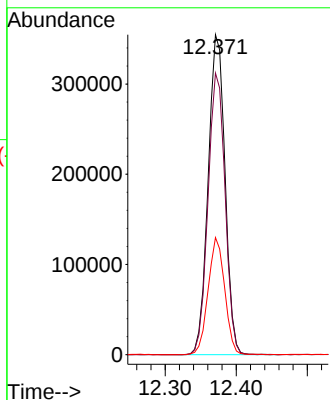
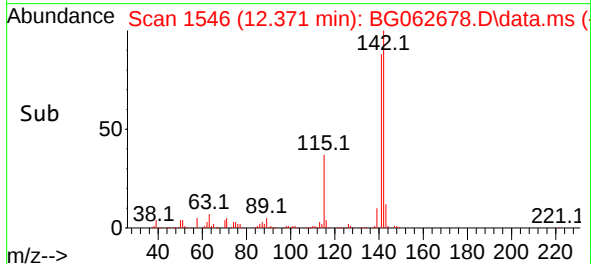
Instrument :
BNA_G
ClientSampleId :
IDOC-04



Tgt Ion:142 Resp: 585134
Ion Ratio Lower Upper
142 100
141 88.0 68.9 103.3
115 36.6 27.5 41.3

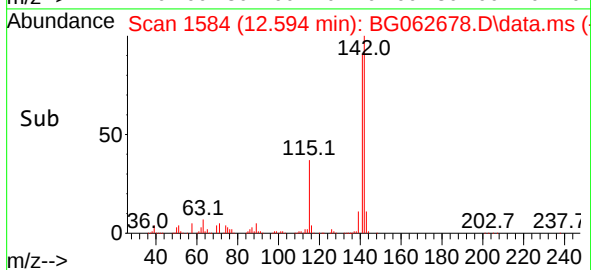
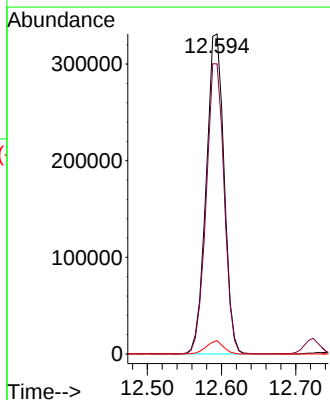
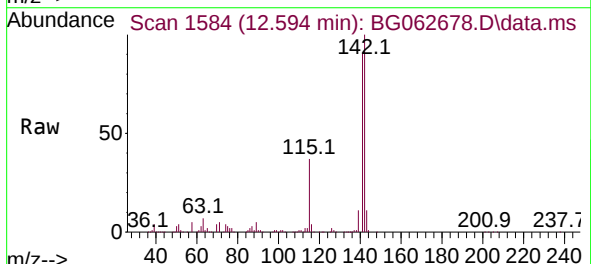
Manual Integrations
APPROVED

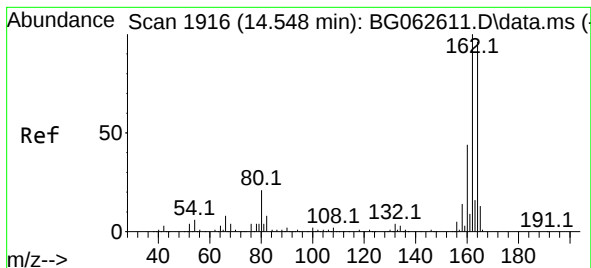
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#38
1-Methylnaphthalene
Concen: 39.608 ng
RT: 12.594 min Scan# 1584
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

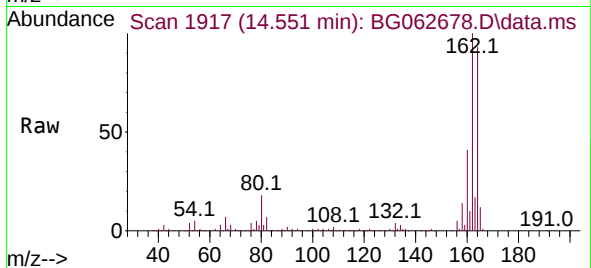
Tgt Ion:142 Resp: 555984
Ion Ratio Lower Upper
142 100
141 90.6 73.0 109.4
116 4.2 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1916
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

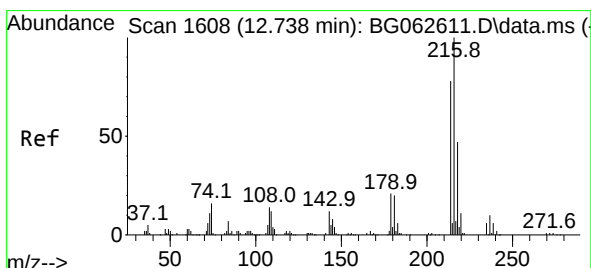
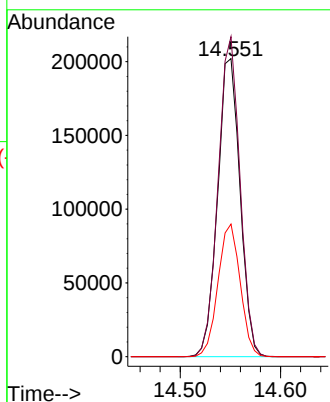
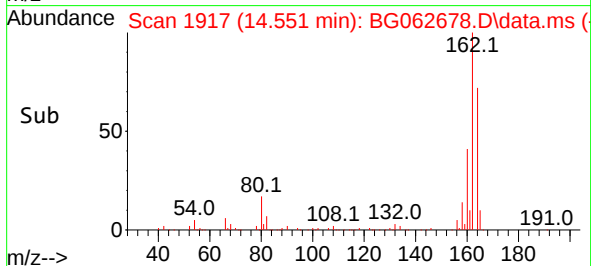
Instrument :
BNA_G
ClientSampleId :
IDOC-04



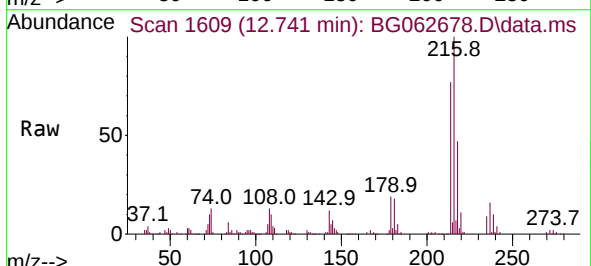
Tgt Ion:164 Resp: 313908
Ion Ratio Lower Upper
164 100
162 107.3 83.1 124.7
160 44.5 36.2 54.4

Manual Integrations
APPROVED

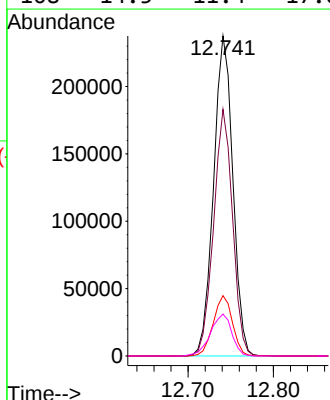
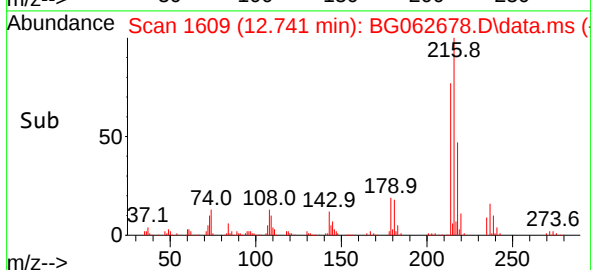
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

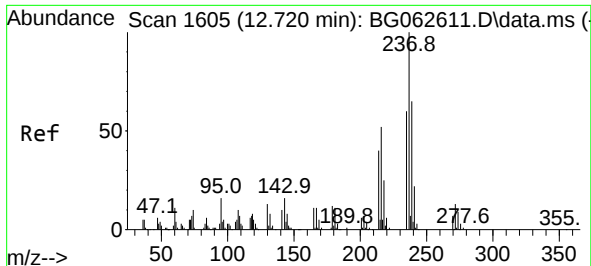


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.478 ng
RT: 12.741 min Scan# 1609
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38



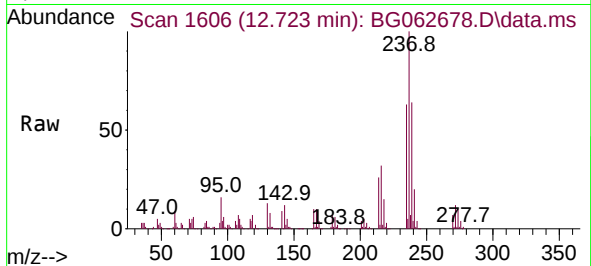
Tgt Ion:216 Resp: 372680
Ion Ratio Lower Upper
216 100
214 75.8 61.6 92.4
179 18.8 15.9 23.9
108 14.5 11.4 17.0





#41
Hexachlorocyclopentadiene
Concen: 100.263 ng
RT: 12.723 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

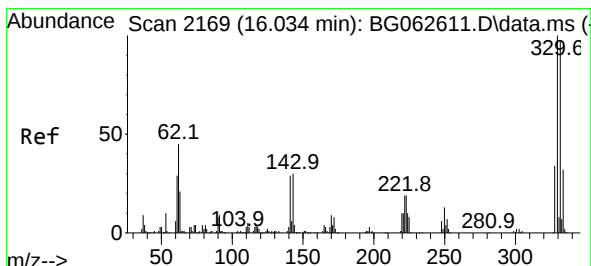
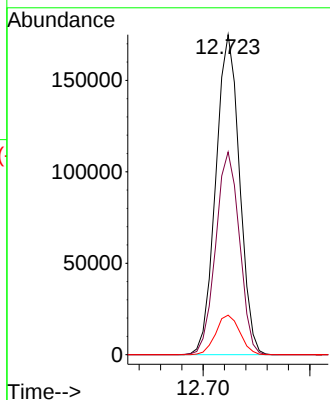
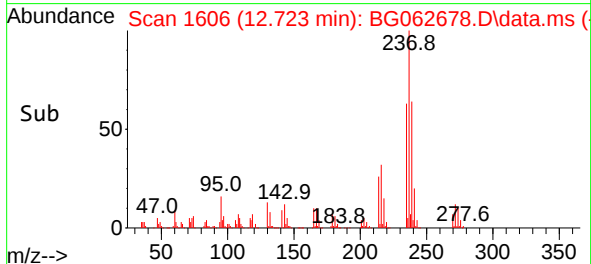
Instrument :
BNA_G
ClientSampleId :
IDOC-04



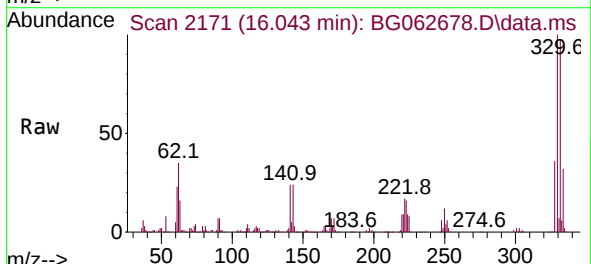
Tgt Ion:237 Resp: 27005
Ion Ratio Lower Upper
237 100
235 63.4 40.4 80.4
272 12.4 0.0 32.7

Manual Integrations
APPROVED

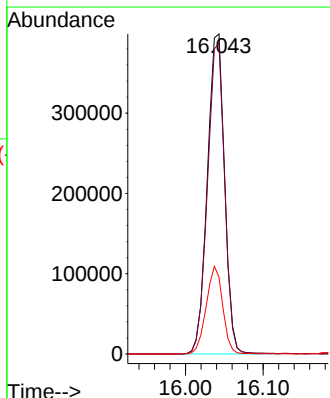
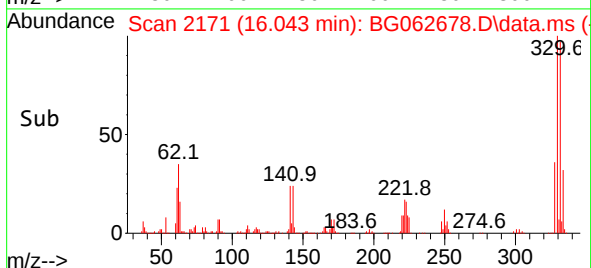
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

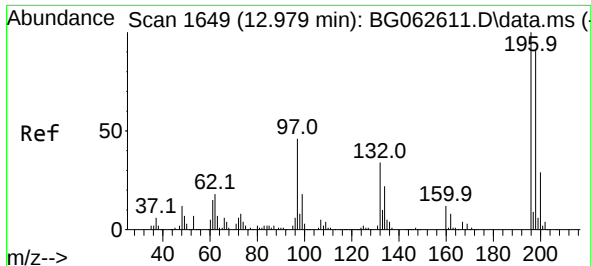


#42
2,4,6-Tribromophenol
Concen: 139.755 ng
RT: 16.043 min Scan# 2171
Delta R.T. 0.009 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38



Tgt Ion:330 Resp: 617394
Ion Ratio Lower Upper
330 100
332 96.6 77.2 115.8
141 26.2 22.2 33.4





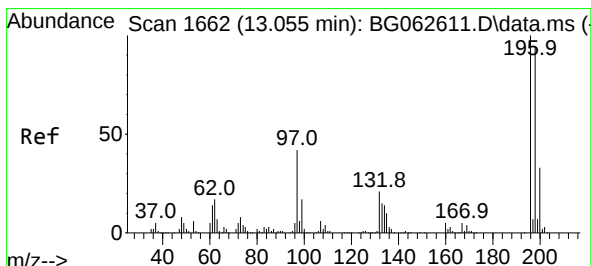
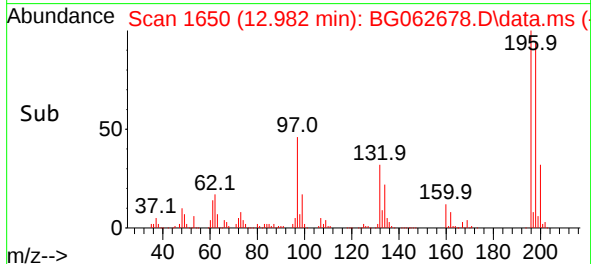
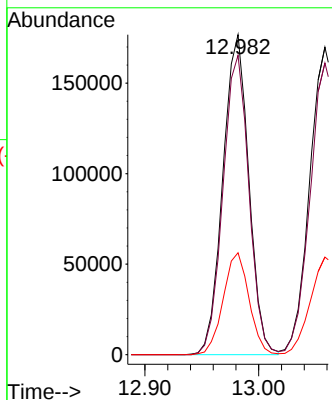
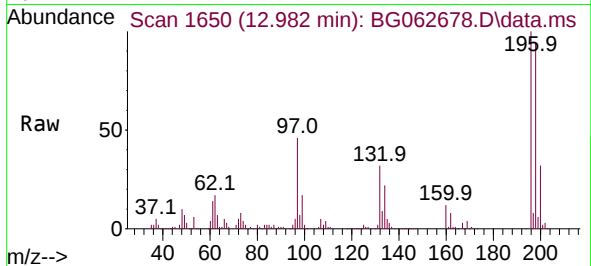
#43
2,4,6-Trichlorophenol
Concen: 46.747 ng
RT: 12.982 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

Instrument :
BNA_G
ClientSampleId :
IDOC-04

Tgt Ion:196 Resp: 27975
Ion Ratio Lower Upper
196 100
198 93.6 72.8 109.2
200 31.8 23.5 35.3

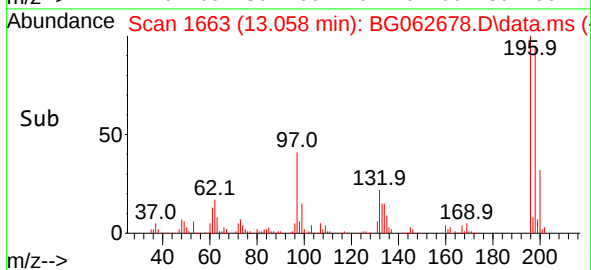
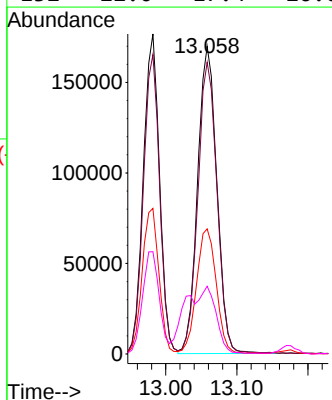
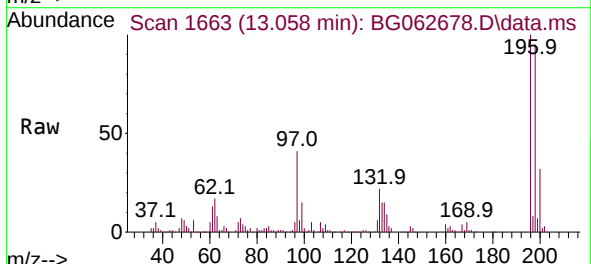
Manual Integrations
APPROVED

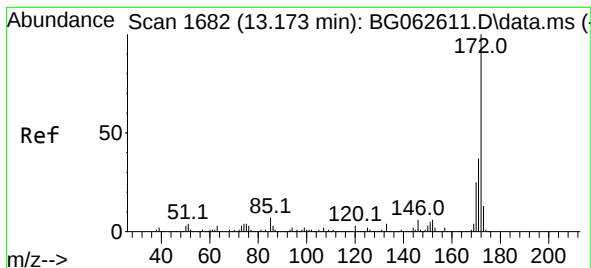
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#44
2,4,5-Trichlorophenol
Concen: 47.322 ng
RT: 13.058 min Scan# 1663
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

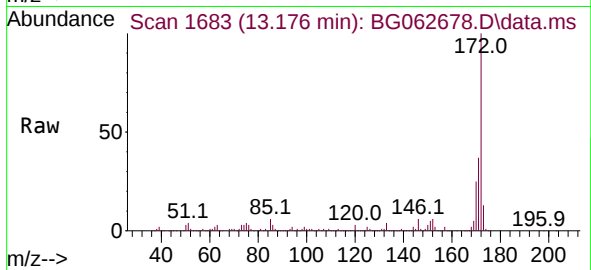
Tgt Ion:196 Resp: 320713
Ion Ratio Lower Upper
196 100
198 94.9 75.5 113.3
97 40.7 34.1 51.1
132 22.0 17.4 26.0





#45
2-Fluorobiphenyl
Concen: 75.255 ng
RT: 13.176 min Scan# 1682
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

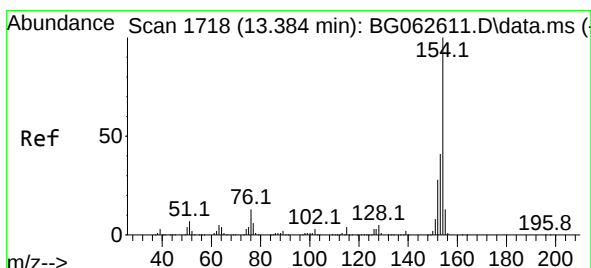
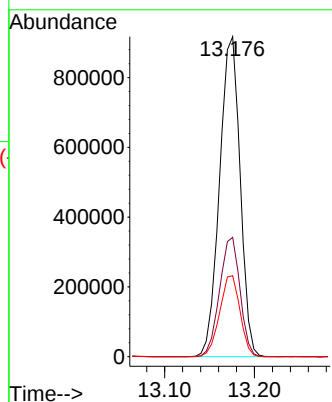
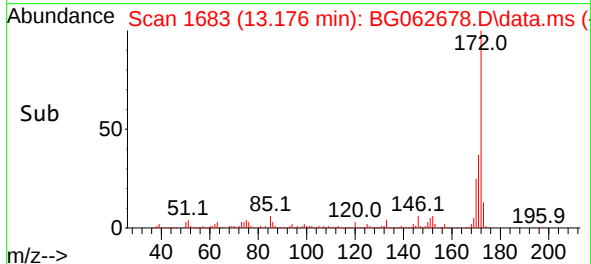
Instrument :
BNA_G
ClientSampleId :
IDOC-04



Tgt Ion:172 Resp: 1458400
Ion Ratio Lower Upper
172 100
171 37.3 29.7 44.5
170 25.3 20.0 30.0

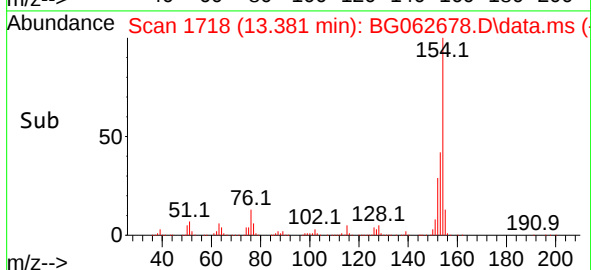
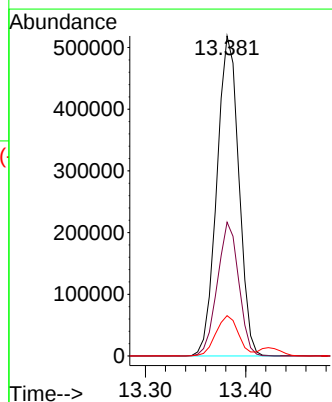
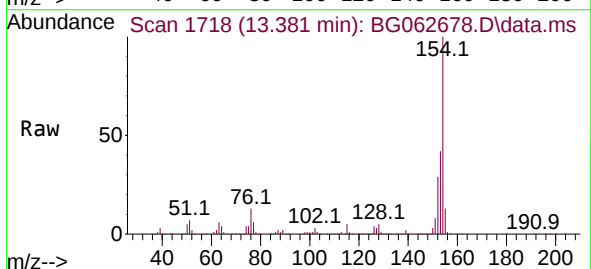
Manual Integrations
APPROVED

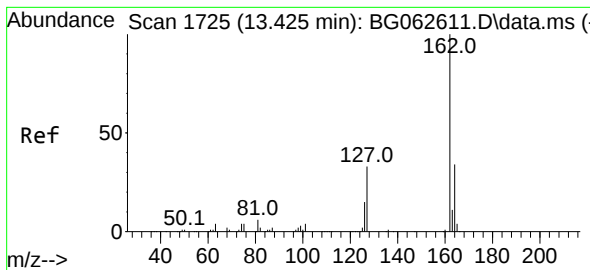
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#46
1,1'-Biphenyl
Concen: 37.579 ng
RT: 13.381 min Scan# 1718
Delta R.T. -0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

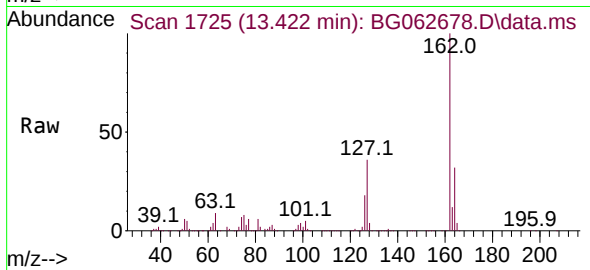
Tgt Ion:154 Resp: 786980
Ion Ratio Lower Upper
154 100
153 41.8 20.8 60.8
76 12.6 0.0 33.4





#47
2-Chloronaphthalene
Concen: 40.535 ng
RT: 13.422 min Scan# 1725
Delta R.T. -0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

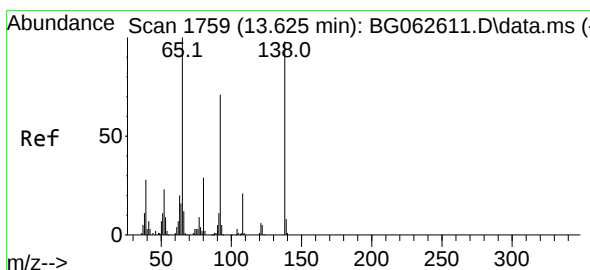
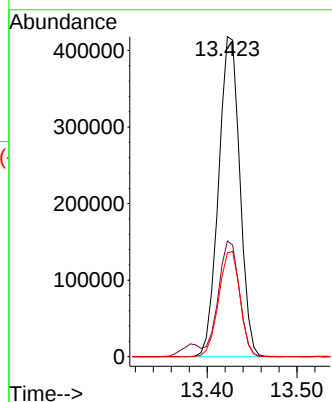
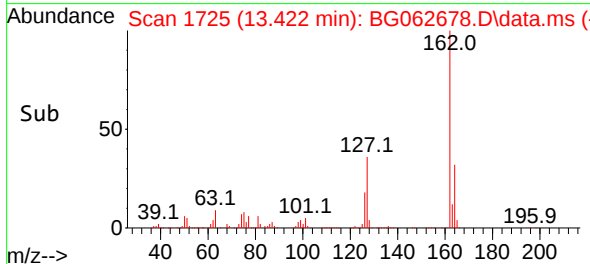
Instrument :
BNA_G
ClientSampleId :
IDOC-04



Tgt Ion:162 Resp: 687984
Ion Ratio Lower Upper
162 100
127 36.1 28.7 43.1
164 32.5 26.9 40.3

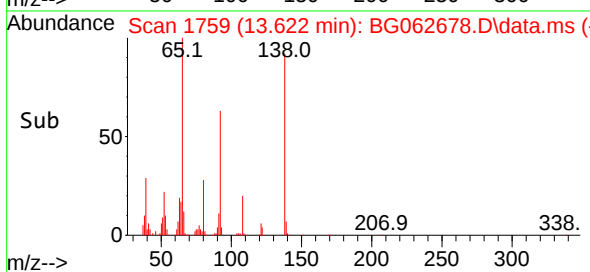
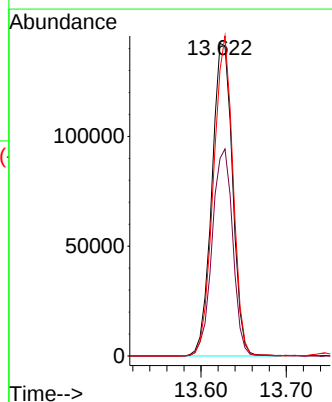
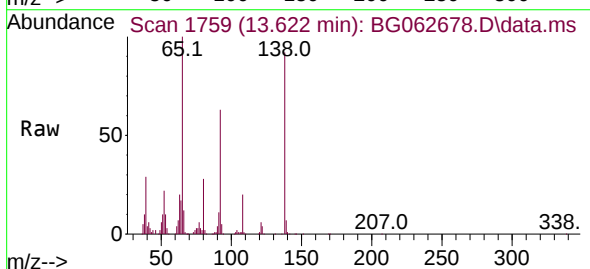
Manual Integrations
APPROVED

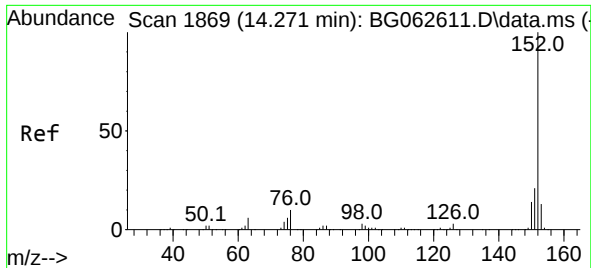
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#48
2-Nitroaniline
Concen: 53.634 ng
RT: 13.622 min Scan# 1759
Delta R.T. -0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

Tgt Ion: 65 Resp: 239424
Ion Ratio Lower Upper
65 100
92 63.2 56.6 84.8
138 91.6 78.7 118.1





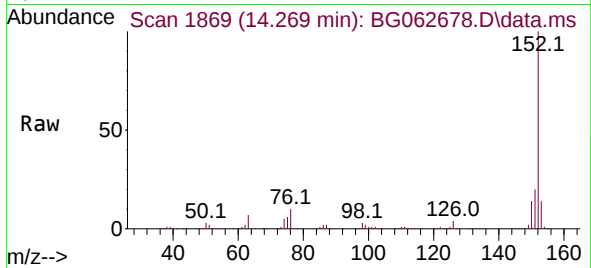
#49
Acenaphthylene
Concen: 44.927 ng
RT: 14.269 min Scan# 1869
Delta R.T. -0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

Instrument :

BNA_G

ClientSampleId :

IDOC-04



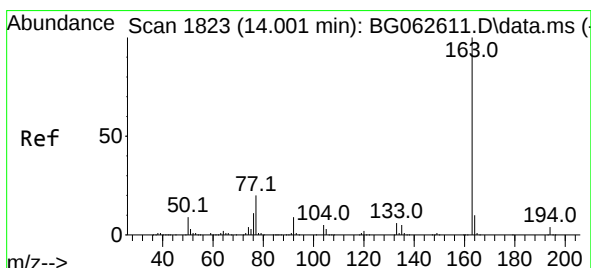
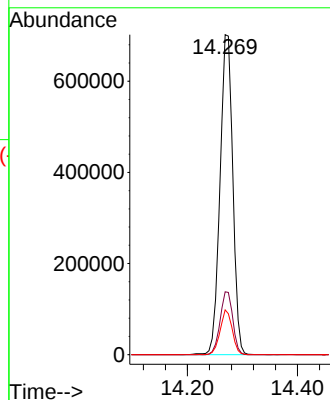
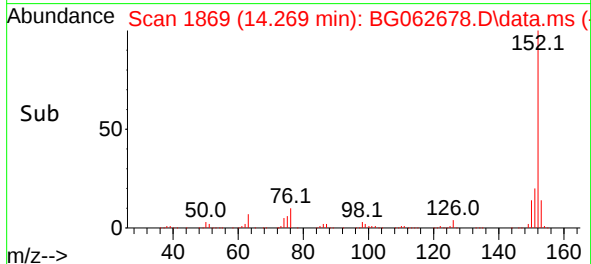
Tgt Ion:152 Resp: 112921
Ion Ratio Lower Upper
152 100
151 19.7 16.6 24.8
153 14.0 10.2 15.4

Manual Integrations

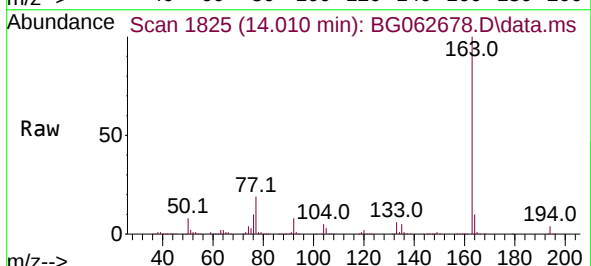
APPROVED

Reviewed By :Yogesh Patel 09/07/2024

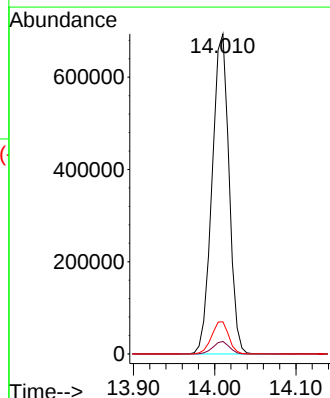
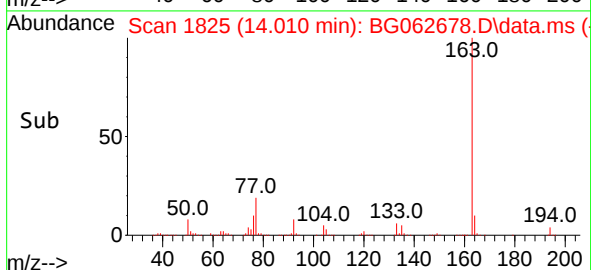
Supervised By :mohammad ahmed 09/07/2024

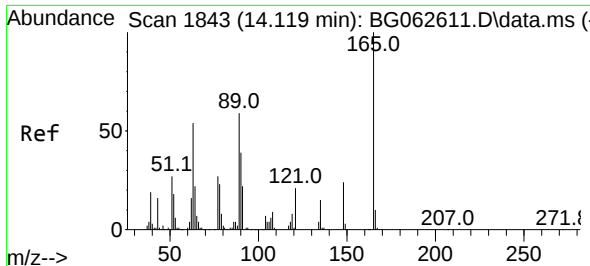


#50
Dimethylphthalate
Concen: 43.741 ng
RT: 14.010 min Scan# 1825
Delta R.T. 0.009 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38



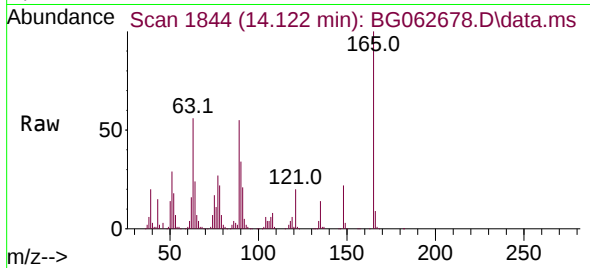
Tgt Ion:163 Resp: 1004019
Ion Ratio Lower Upper
163 100
194 3.9 2.9 4.3
164 10.1 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 49.216 ng
RT: 14.122 min Scan# 1844
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

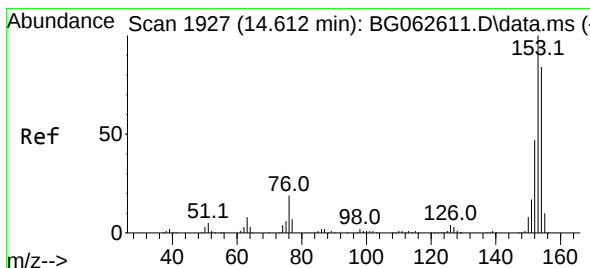
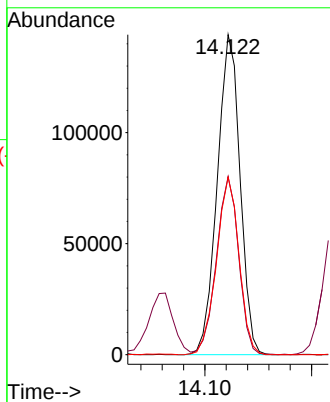
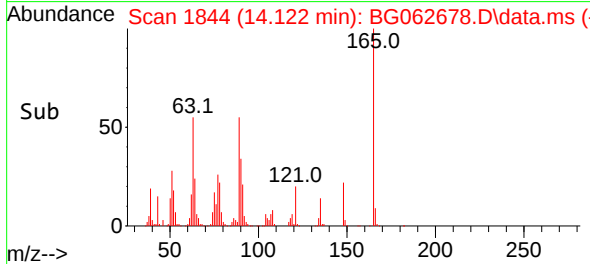
Instrument :
BNA_G
ClientSampleId :
IDOC-04



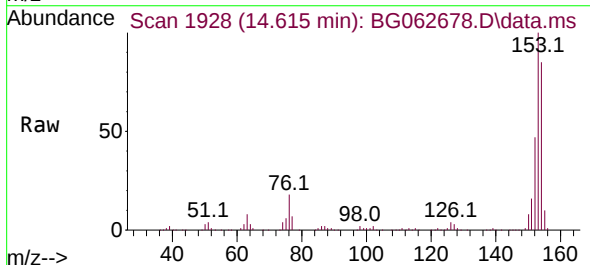
Tgt Ion:165 Resp: 21367
Ion Ratio Lower Upper
165 100
63 55.7 46.6 69.8
89 55.5 47.2 70.8

Manual Integrations
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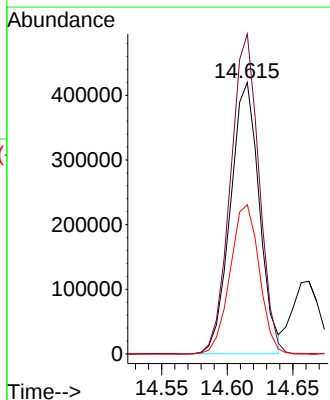
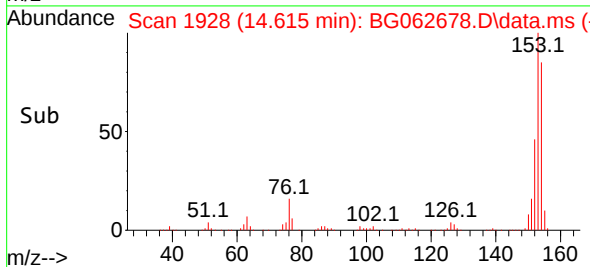
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#52
Acenaphthene
Concen: 40.995 ng
RT: 14.615 min Scan# 1928
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38



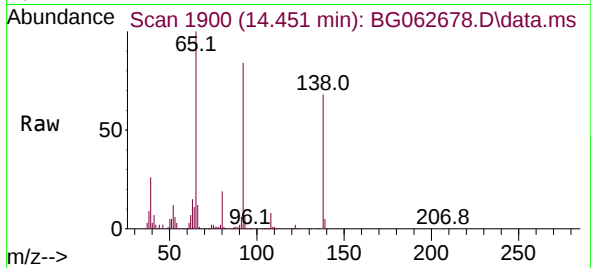
Tgt Ion:154 Resp: 644130
Ion Ratio Lower Upper
154 100
153 117.9 95.0 142.4
152 55.0 45.0 67.6





#53
3-Nitroaniline
Concen: 39.398 ng
RT: 14.451 min Scan# 1899
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

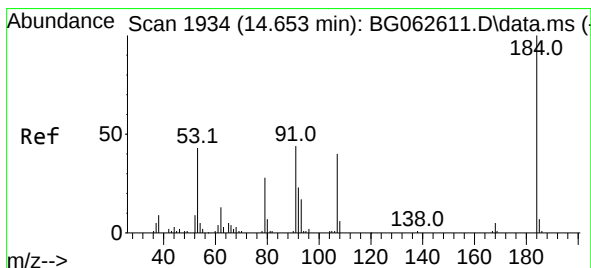
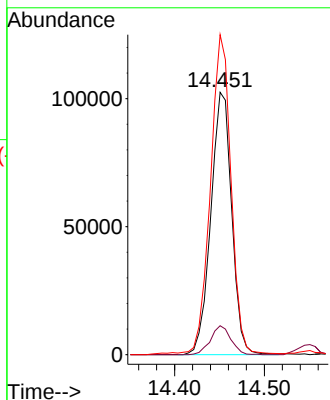
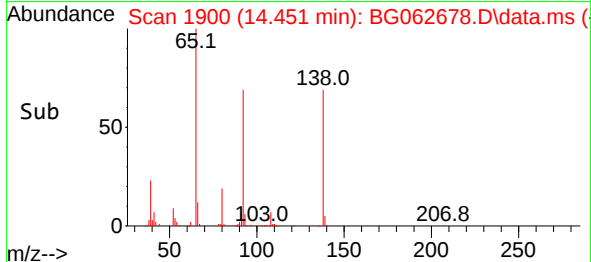
Instrument :
BNA_G
ClientSampleId :
IDOC-04



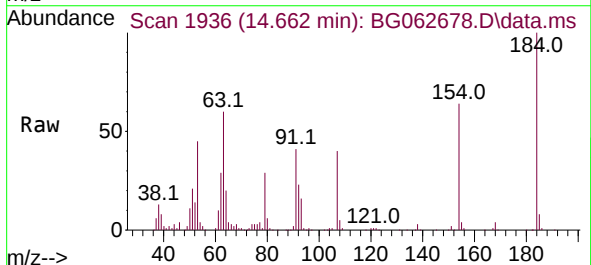
Tgt Ion:138 Resp: 16551
Ion Ratio Lower Upper
138 100
108 11.0 8.6 13.0
92 121.9 95.7 143.5

Manual Integrations
APPROVED

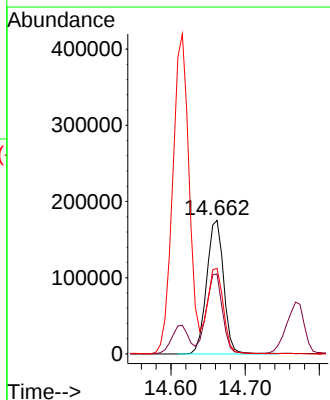
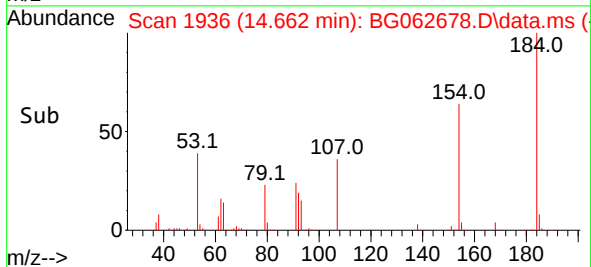
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

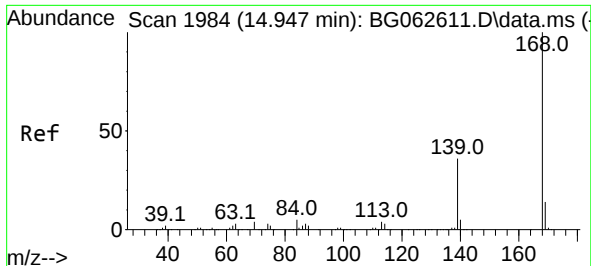


#54
2,4-Dinitrophenol
Concen: 114.762 ng
RT: 14.662 min Scan# 1936
Delta R.T. 0.009 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38



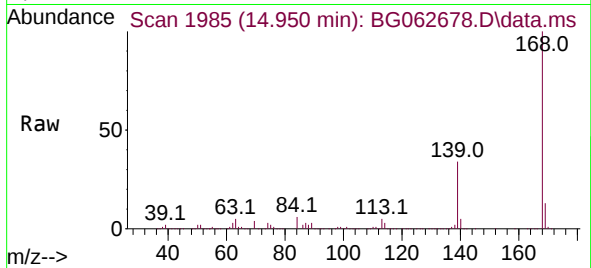
Tgt Ion:184 Resp: 279617
Ion Ratio Lower Upper
184 100
63 59.9 49.0 73.4
154 64.1 50.5 75.7





#55
Dibenzenofuran
Concen: 43.513 ng
RT: 14.950 min Scan# 1985
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

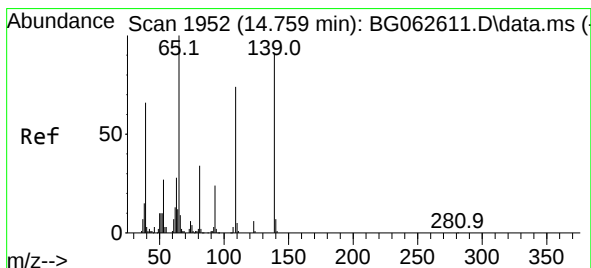
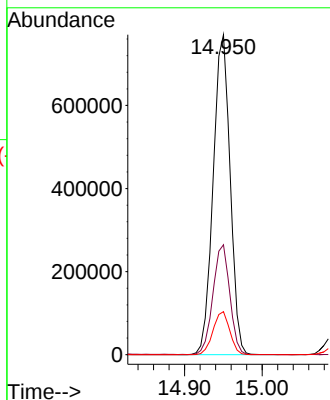
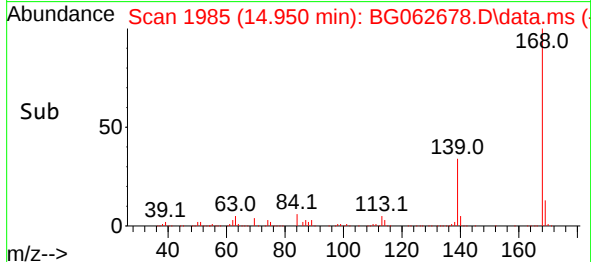
Instrument :
BNA_G
ClientSampleId :
IDOC-04



Tgt Ion:168 Resp: 1172502
Ion Ratio Lower Upper
168 100
139 34.4 28.6 42.8
169 13.5 11.0 16.6

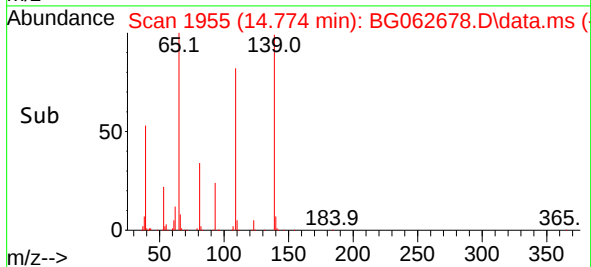
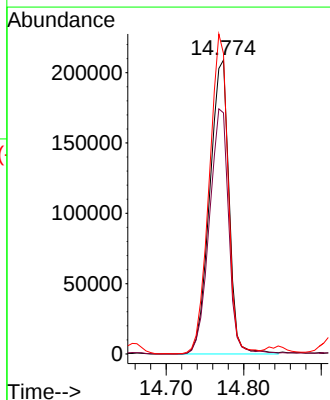
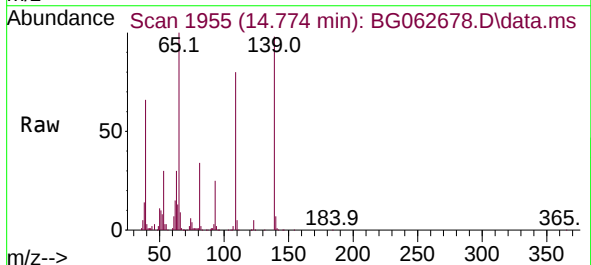
Manual Integrations
APPROVED

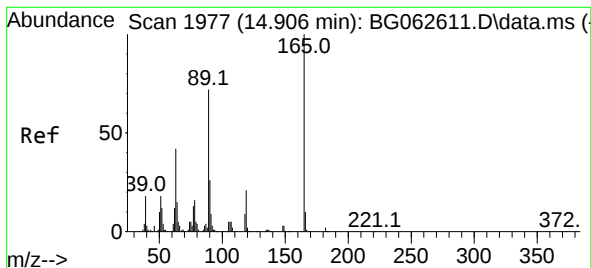
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#56
4-Nitrophenol
Concen: 101.310 ng
RT: 14.774 min Scan# 1955
Delta R.T. 0.015 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

Tgt Ion:139 Resp: 360692
Ion Ratio Lower Upper
139 100
109 82.0 61.2 101.2
65 102.2 90.2 130.2





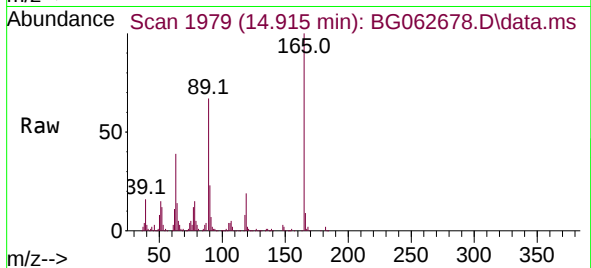
#57
2,4-Dinitrotoluene
Concen: 53.503 ng
RT: 14.915 min Scan# 1979
Delta R.T. 0.009 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

Instrument :

BNA_G

ClientSampleId :

IDOC-04



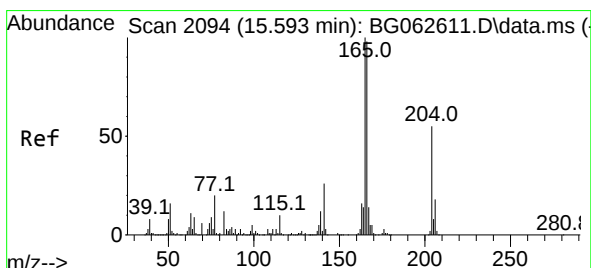
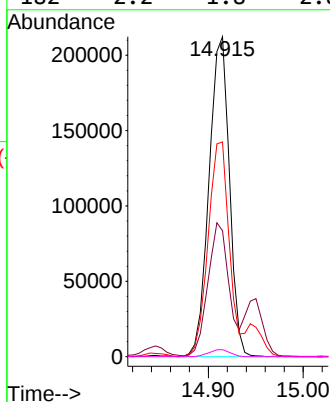
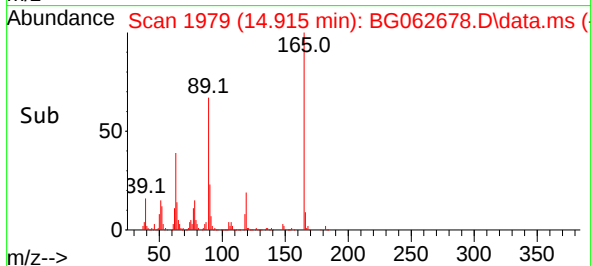
Tgt Ion:165 Resp: 31694
Ion Ratio Lower Upper
165 100
63 39.4 33.8 50.6
89 67.1 57.9 86.9
182 2.2 1.8 2.8

Manual Integrations

APPROVED

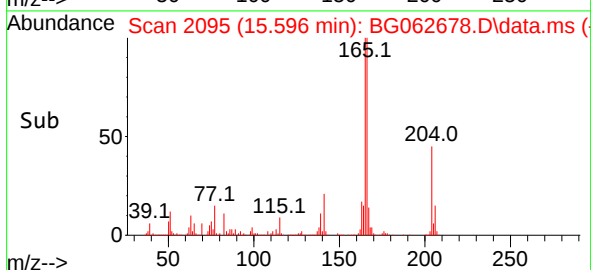
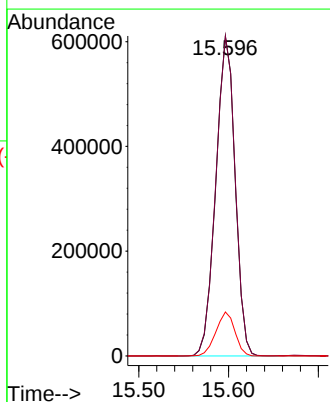
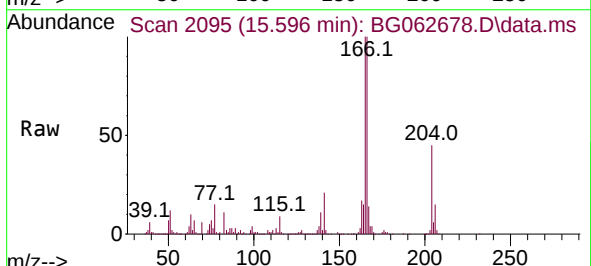
Reviewed By :Yogesh Patel 09/07/2024

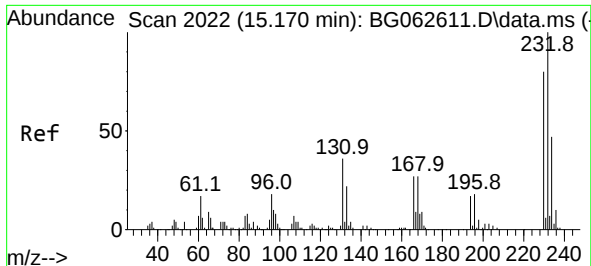
Supervised By :mohammad ahmed 09/07/2024



#58
Fluorene
Concen: 43.008 ng
RT: 15.596 min Scan# 2095
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

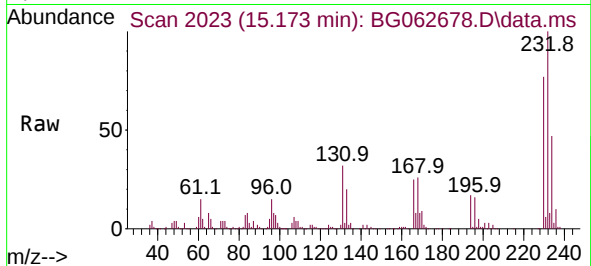
Tgt Ion:166 Resp: 909489
Ion Ratio Lower Upper
166 100
165 100.1 82.0 123.0
167 13.7 11.3 16.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.447 ng
RT: 15.173 min Scan# 2022
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

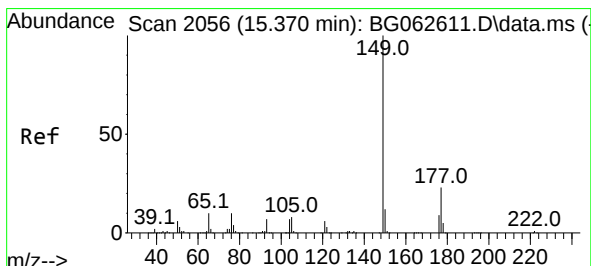
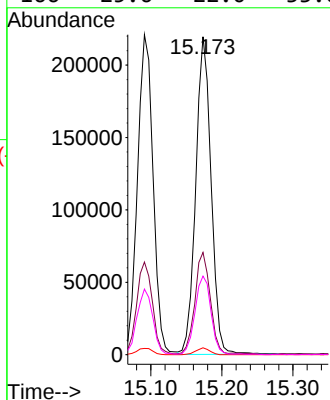
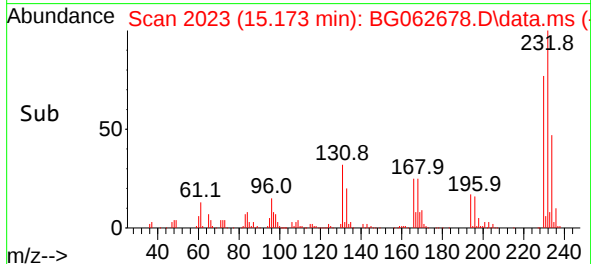
Instrument :
BNA_G
ClientSampleId :
IDOC-04



Tgt Ion:232 Resp: 33030
Ion Ratio Lower Upper
232 100
131 32.4 28.3 42.5
130 1.9 1.7 2.5
166 25.6 22.0 33.0

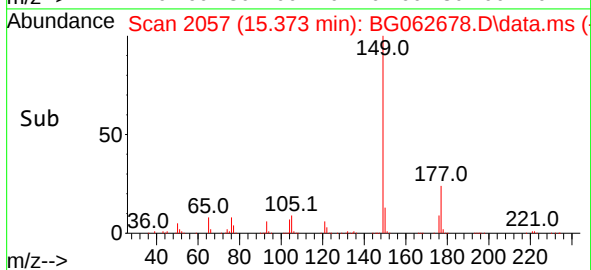
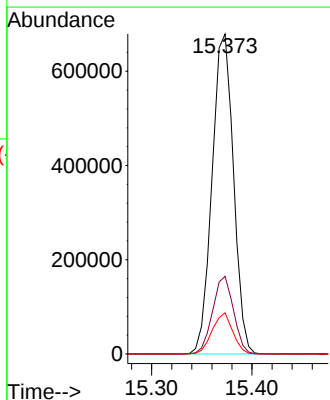
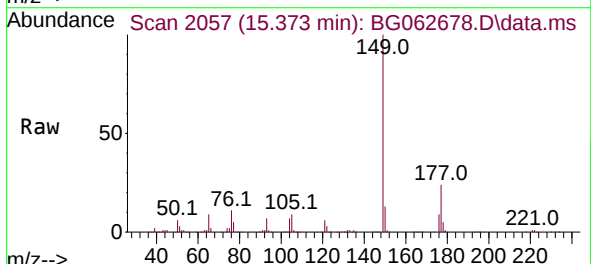
Manual Integrations
APPROVED

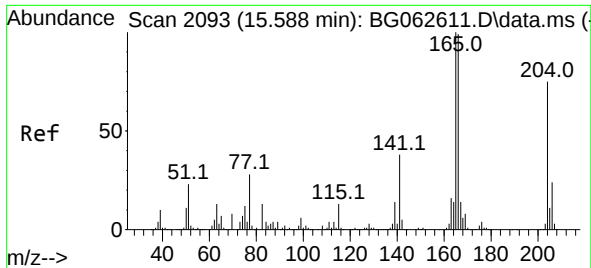
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#60
Diethylphthalate
Concen: 44.133 ng
RT: 15.373 min Scan# 2057
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

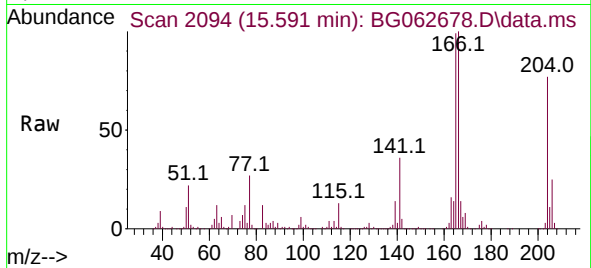
Tgt Ion:149 Resp: 1004046
Ion Ratio Lower Upper
149 100
177 24.3 18.0 27.0
150 12.9 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 43.587 ng
RT: 15.591 min Scan# 2094
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

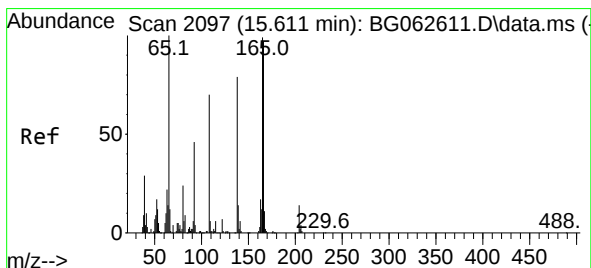
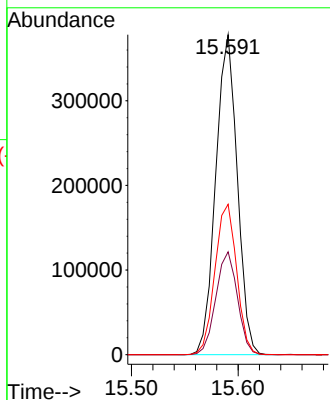
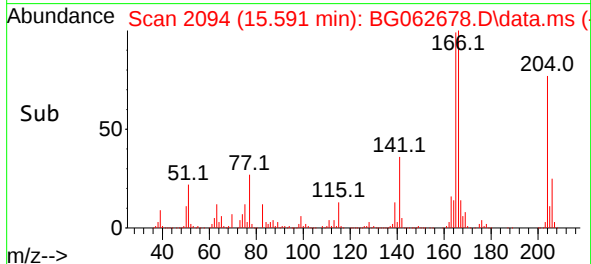
Instrument :
BNA_G
ClientSampleId :
IDOC-04



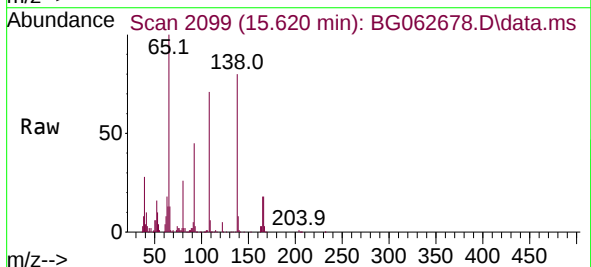
Tgt Ion:204 Resp: 52914
Ion Ratio Lower Upper
204 100
206 32.2 25.9 38.9
141 47.0 41.0 61.6

Manual Integrations
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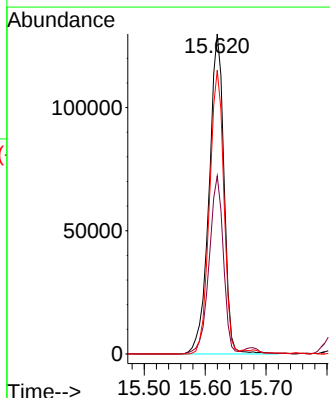
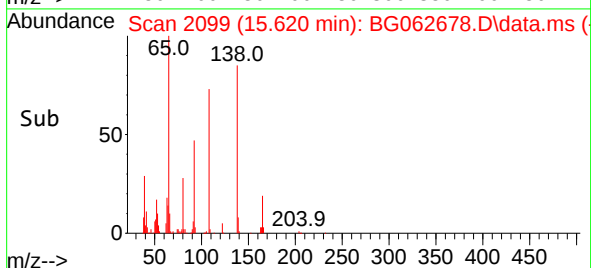
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

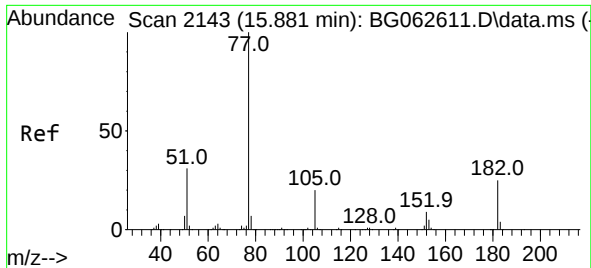


#62
4-Nitroaniline
Concen: 47.793 ng
RT: 15.620 min Scan# 2099
Delta R.T. 0.009 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38



Tgt Ion:138 Resp: 221387
Ion Ratio Lower Upper
138 100
92 55.7 38.4 78.4
108 88.6 69.0 109.0





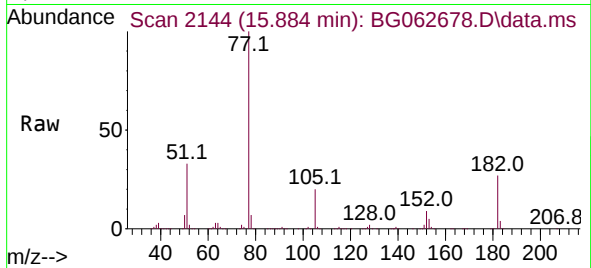
#63
Azobenzene
Concen: 43.289 ng
RT: 15.884 min Scan# 2143
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

Instrument :

BNA_G

ClientSampleId :

IDOC-04

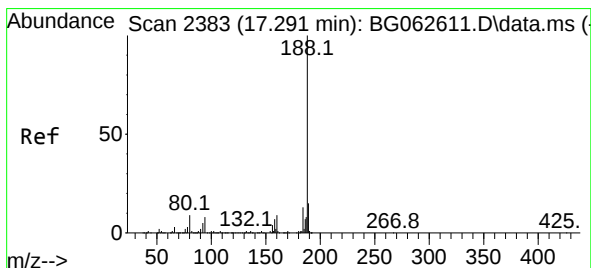
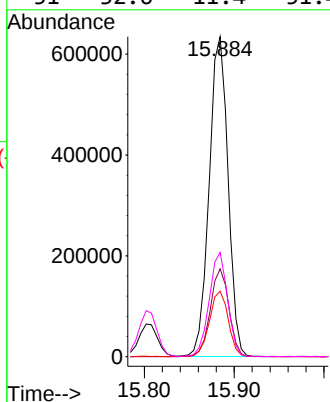
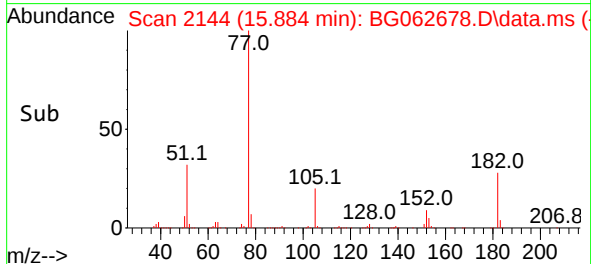


Tgt Ion: 77 Resp: 924758
Ion Ratio Lower Upper
77 100
182 27.5 5.0 45.0
105 20.5 0.5 40.5
51 32.6 11.4 51.4

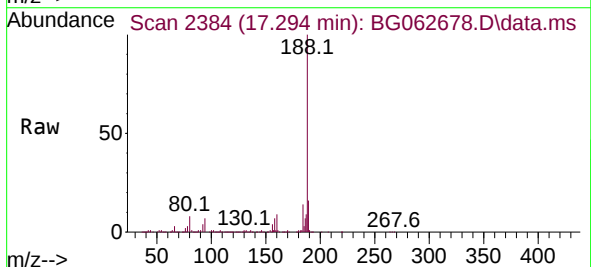
Manual Integrations

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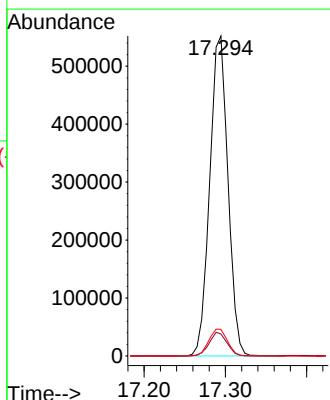
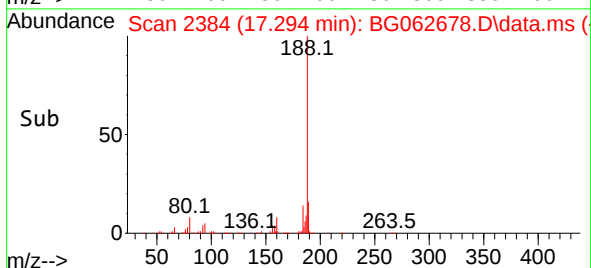
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

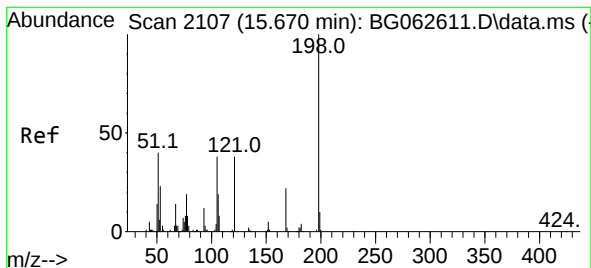


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.294 min Scan# 2384
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38



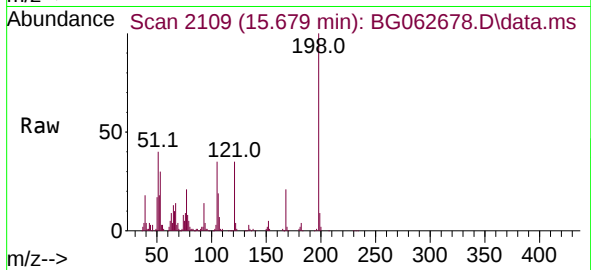
Tgt Ion:188 Resp: 859313
Ion Ratio Lower Upper
188 100
94 6.9 6.3 9.5
80 8.3 7.0 10.4





#65
4,6-Dinitro-2-methylphenol
Concen: 53.476 ng
RT: 15.679 min Scan# 2107
Delta R.T. 0.009 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

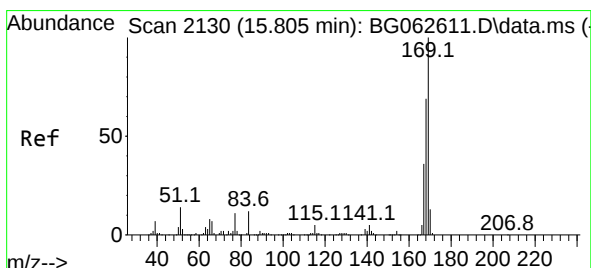
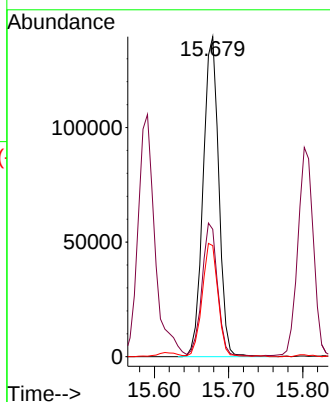
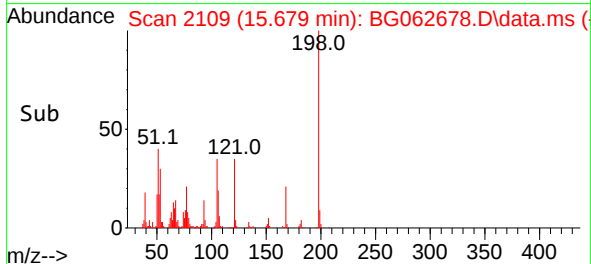
Instrument :
BNA_G
ClientSampleId :
IDOC-04



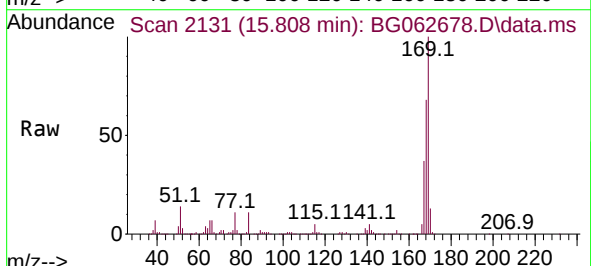
Tgt Ion:198 Resp: 205070
Ion Ratio Lower Upper
198 100
51 39.8 25.1 65.1
105 34.7 18.3 58.3

Manual Integrations
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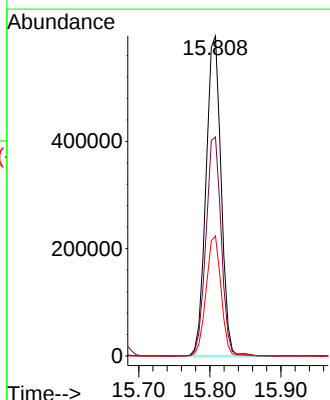
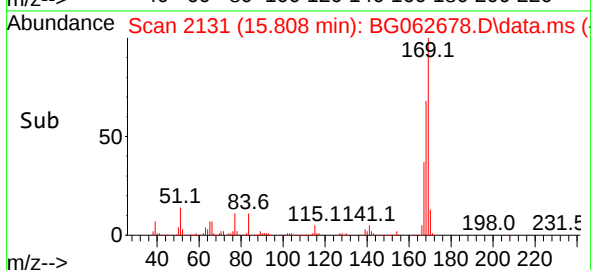
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

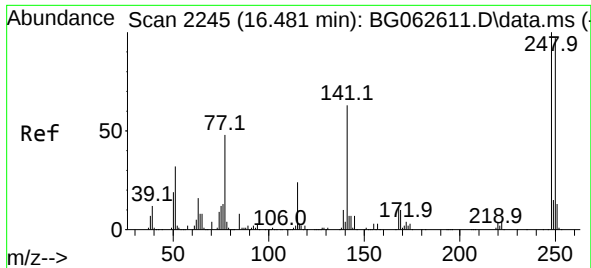


#66
n-Nitrosodiphenylamine
Concen: 42.468 ng
RT: 15.808 min Scan# 2131
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38



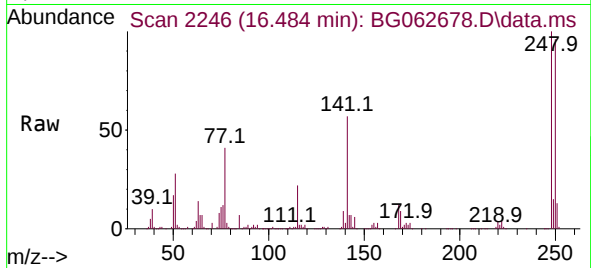
Tgt Ion:169 Resp: 877398
Ion Ratio Lower Upper
169 100
168 68.5 55.4 83.2
167 37.5 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 43.743 ng
RT: 16.484 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

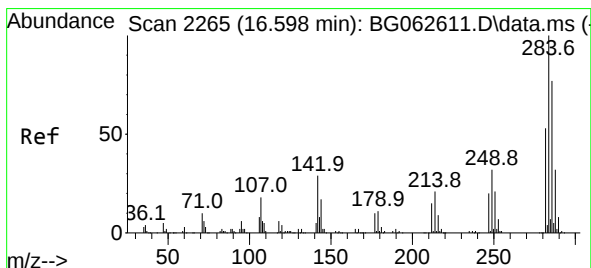
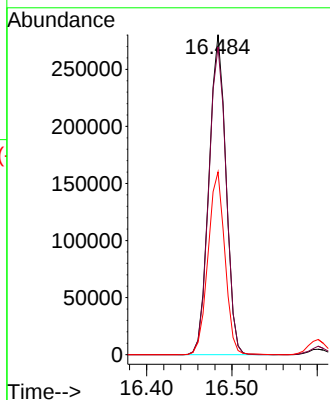
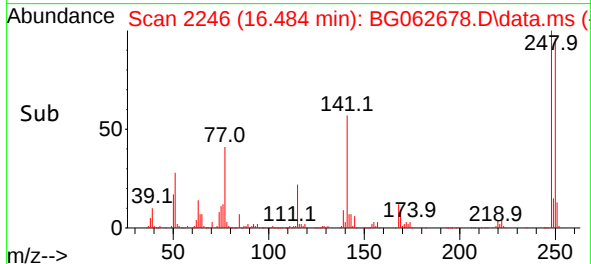
Instrument :
BNA_G
ClientSampleId :
IDOC-04



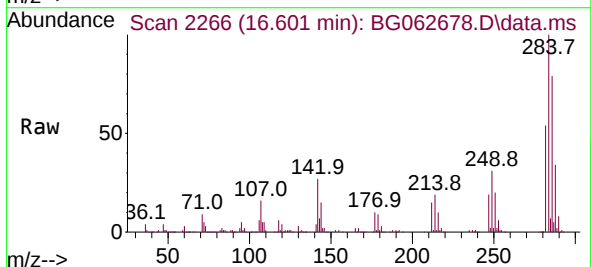
Tgt Ion:248 Resp: 387940
Ion Ratio Lower Upper
248 100
250 96.1 77.9 116.9
141 57.1 50.2 75.2

Manual Integrations
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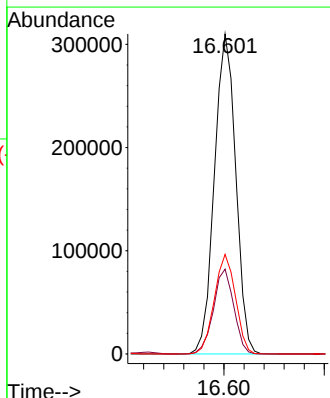
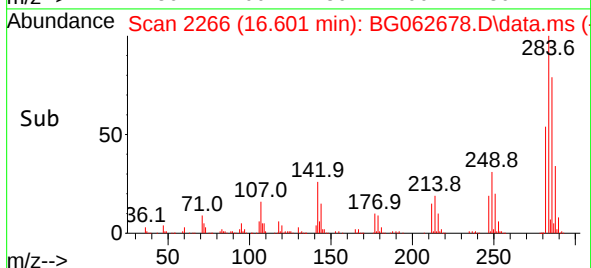
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

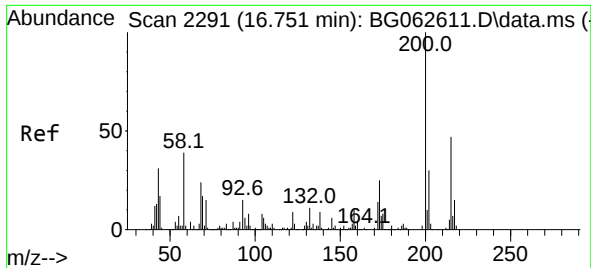


#68
Hexachlorobenzene
Concen: 43.537 ng
RT: 16.601 min Scan# 2266
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38



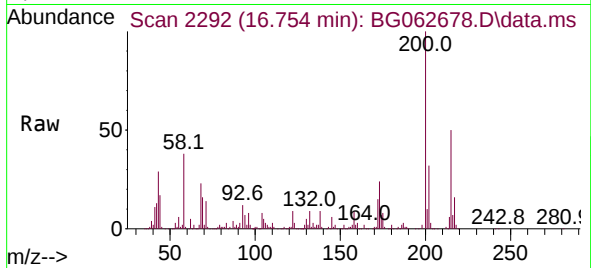
Tgt Ion:284 Resp: 457274
Ion Ratio Lower Upper
284 100
142 26.5 23.5 35.3
249 31.1 25.4 38.0





#69
Atrazine
Concen: 39.140 ng
RT: 16.754 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

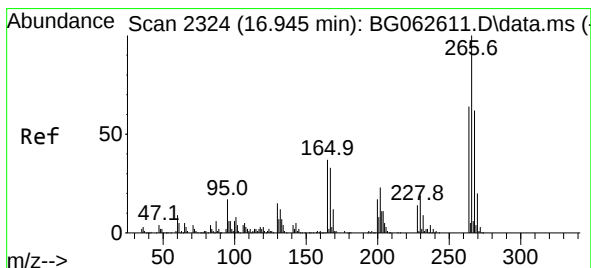
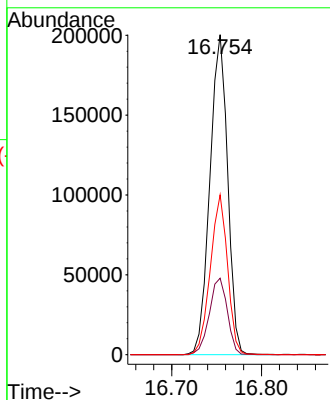
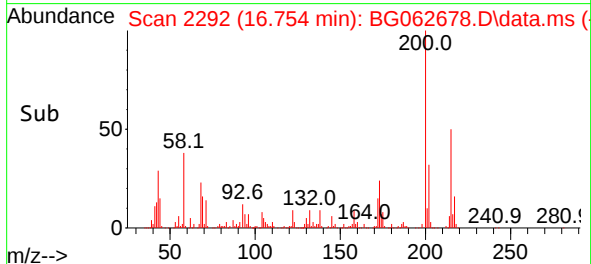
Instrument :
BNA_G
ClientSampleId :
IDOC-04



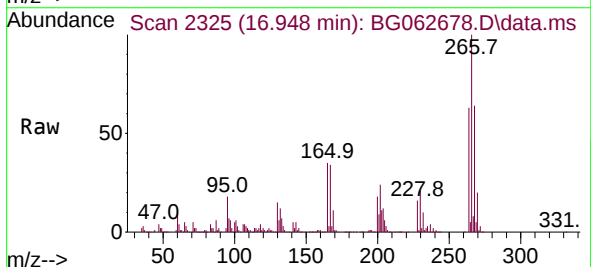
Tgt Ion:200 Resp: 27465
Ion Ratio Lower Upper
200 100
173 23.9 5.2 45.2
215 49.9 27.3 67.3

Manual Integrations
APPROVED

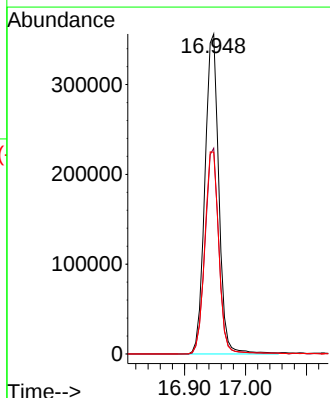
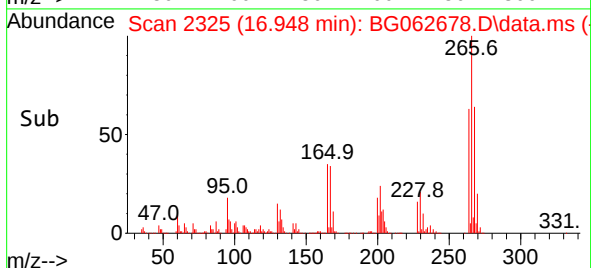
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

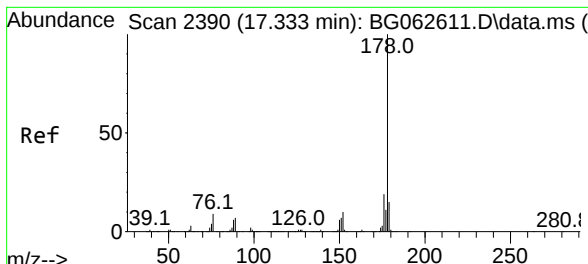


#70
Pentachlorophenol
Concen: 83.943 ng
RT: 16.948 min Scan# 2325
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38



Tgt Ion:266 Resp: 564693
Ion Ratio Lower Upper
266 100
268 64.3 52.6 79.0
264 63.0 51.6 77.4





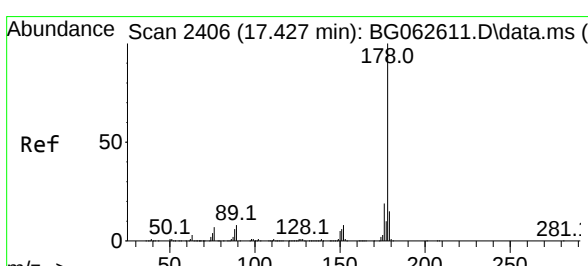
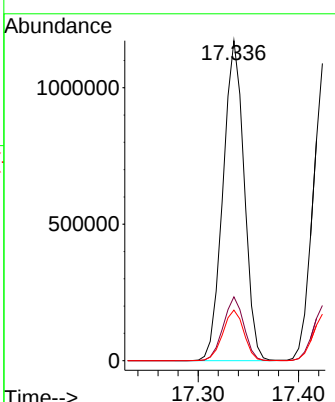
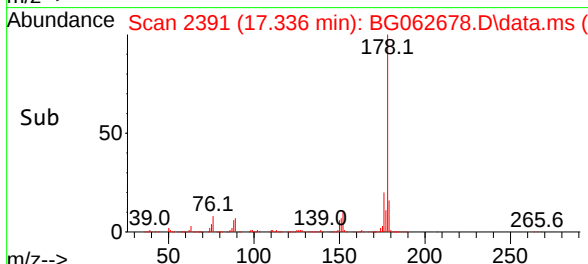
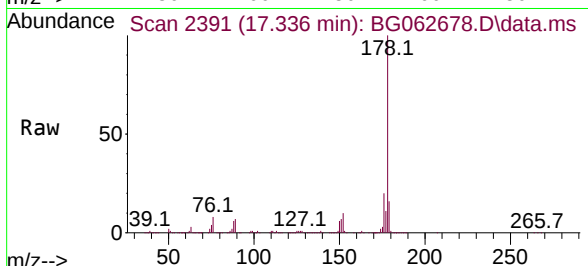
#71
 Phenanthrene
 Concen: 42.751 ng
 RT: 17.336 min Scan# 2390
 Delta R.T. 0.003 min
 Lab File: BG062678.D
 Acq: 6 Sep 2024 12:38

Instrument : BNA_G
 ClientSampleId :
 IDOC-04

Tgt Ion:178 Resp: 1714700

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.0
179	15.8	12.2	18.4

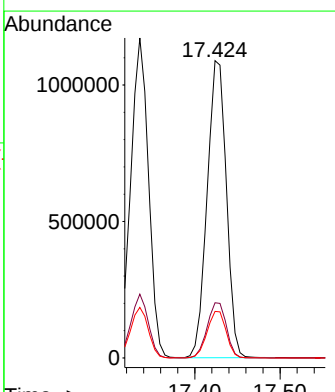
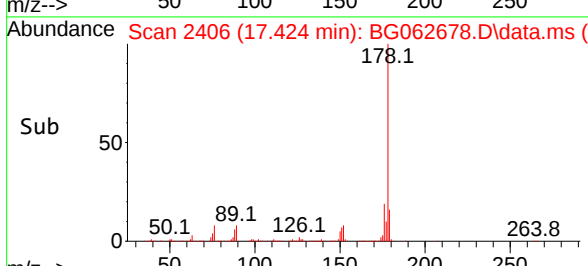
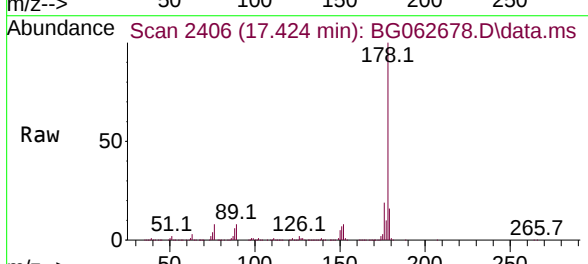
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 09/07/2024
 Supervised By :mohammad ahmed 09/07/2024

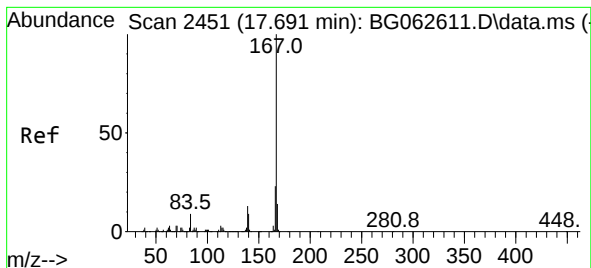


#72
 Anthracene
 Concen: 43.221 ng
 RT: 17.424 min Scan# 2406
 Delta R.T. -0.003 min
 Lab File: BG062678.D
 Acq: 6 Sep 2024 12:38

Tgt Ion:178 Resp: 1704445

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.2	22.8
179	15.7	12.0	18.0





#73

Carbazole

Concen: 41.944 ng

RT: 17.694 min Scan# 2451

Delta R.T. 0.003 min

Lab File: BG062678.D

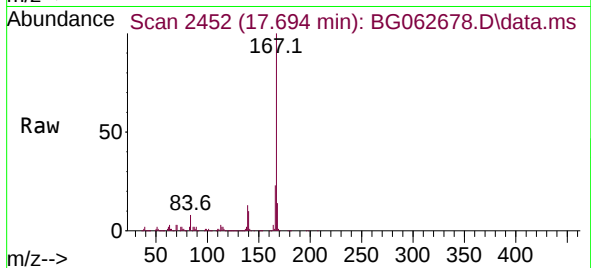
Acq: 6 Sep 2024 12:38

Instrument :

BNA_G

ClientSampleId :

IDOC-04



Tgt Ion:167 Resp: 1520619

Ion Ratio Lower Upper

167 100

166 23.3 18.2 27.2

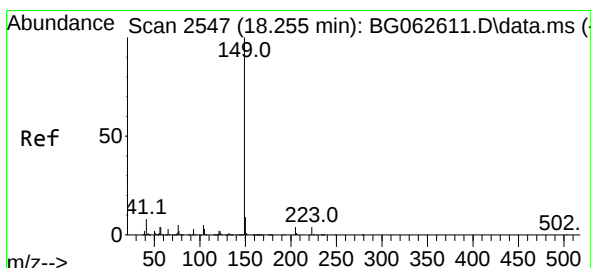
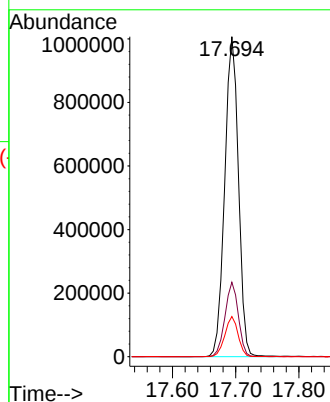
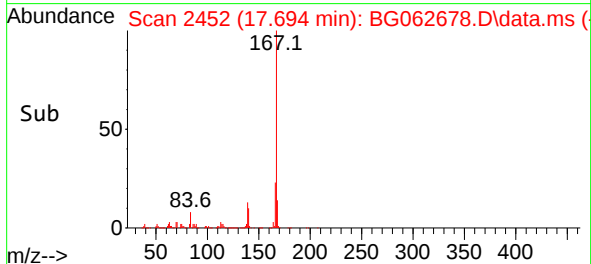
139 12.5 10.1 15.1

Manual Integrations

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Reviewed By :Yogesh Patel 09/07/2024

Supervised By :mohammad ahmed 09/07/2024



#74

Di-n-butylphthalate

Concen: 42.931 ng

RT: 18.258 min Scan# 2548

Delta R.T. 0.003 min

Lab File: BG062678.D

Acq: 6 Sep 2024 12:38

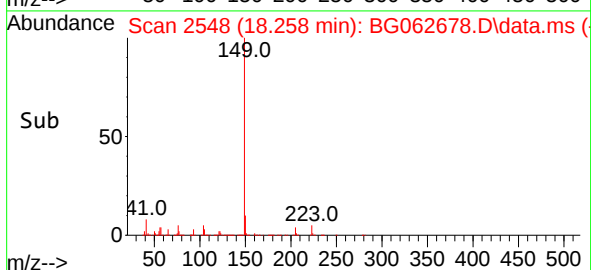
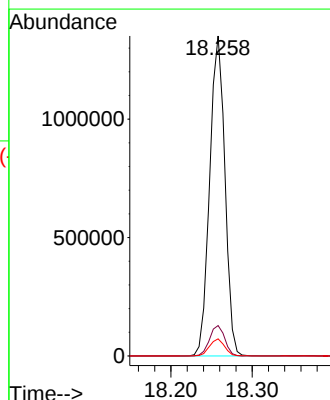
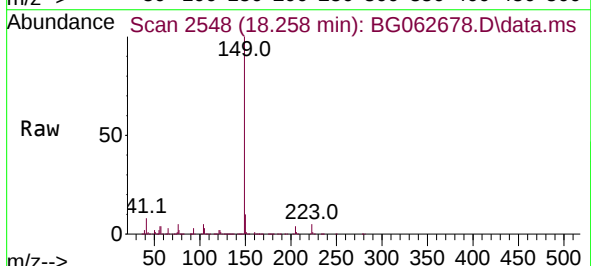
Tgt Ion:149 Resp: 1755228

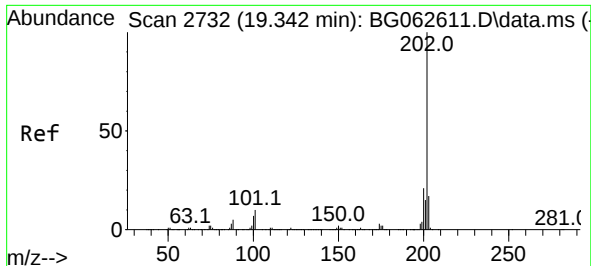
Ion Ratio Lower Upper

149 100

150 9.5 7.3 10.9

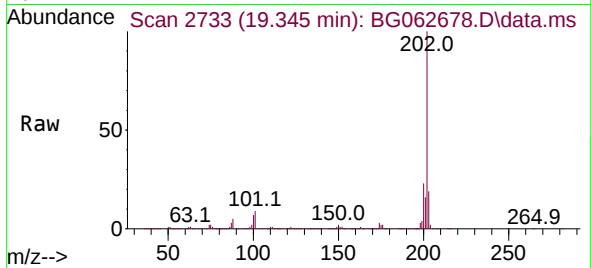
104 5.3 4.2 6.2





#75
Fluoranthene
Concen: 41.658 ng
RT: 19.345 min Scan# 211323
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

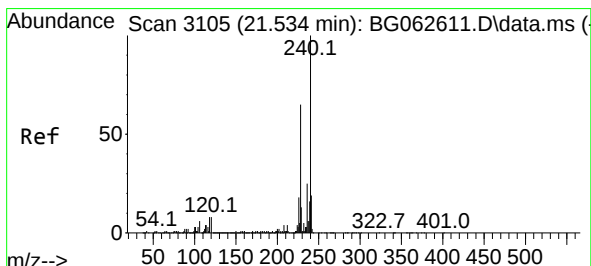
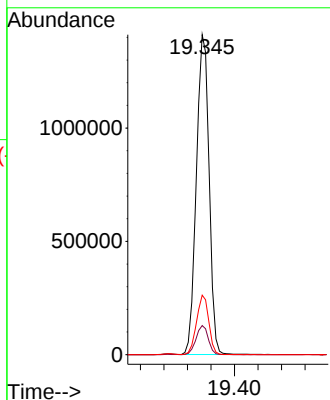
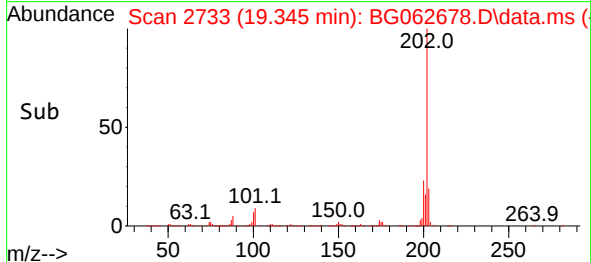
Instrument :
BNA_G
ClientSampleId :
IDOC-04



Tgt Ion:202 Resp: 211323
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.6
203 18.6 0.0 37.4

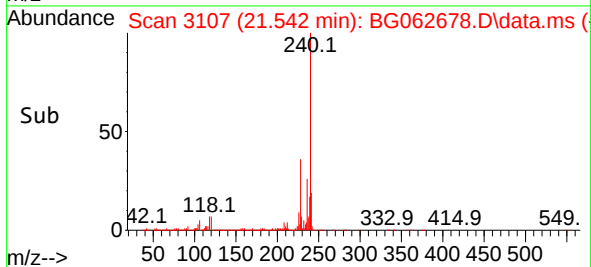
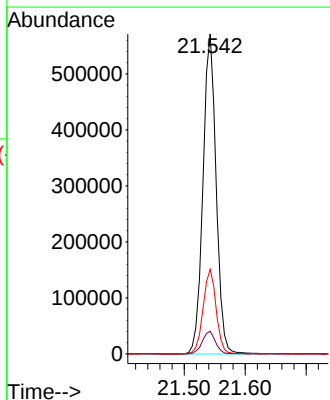
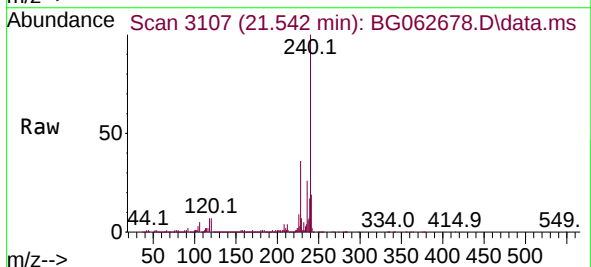
Manual Integrations
APPROVED

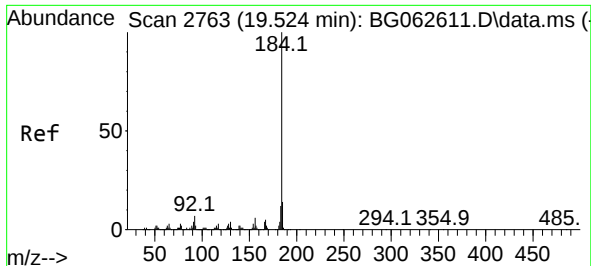
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.542 min Scan# 3107
Delta R.T. 0.009 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

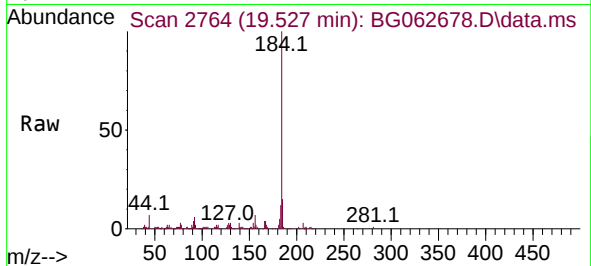
Tgt Ion:240 Resp: 859483
Ion Ratio Lower Upper
240 100
120 7.1 6.6 9.8
236 26.4 20.2 30.4





#77
Benzidine
Concen: 8.406 ng
RT: 19.527 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

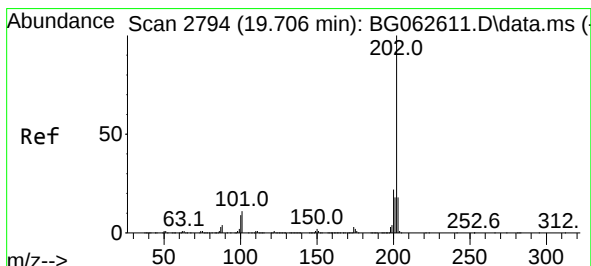
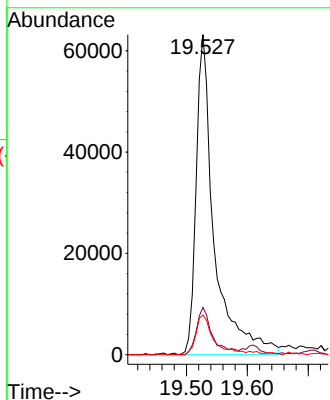
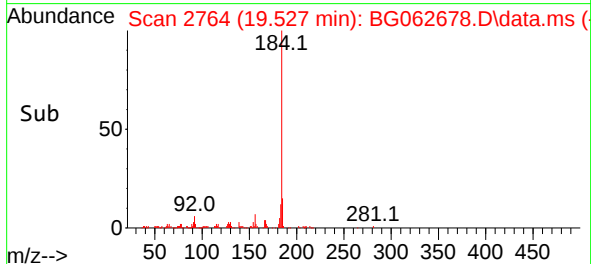
Instrument :
BNA_G
ClientSampleId :
IDOC-04



Tgt Ion:184 Resp: 130224
Ion Ratio Lower Upper
184 100
185 14.7 11.0 16.6
183 12.4 9.7 14.5

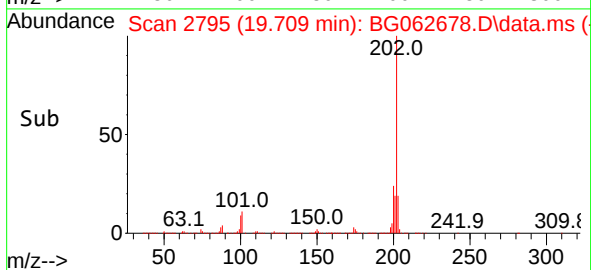
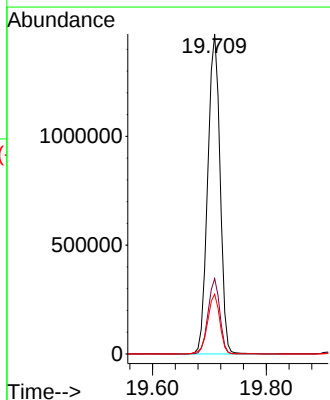
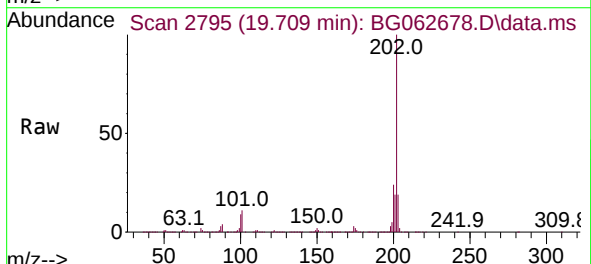
Manual Integrations
APPROVED

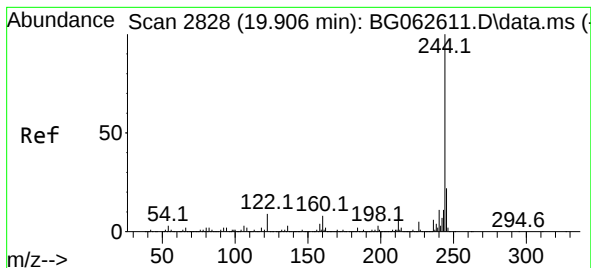
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#78
Pyrene
Concen: 40.189 ng
RT: 19.709 min Scan# 2795
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

Tgt Ion:202 Resp: 2195711
Ion Ratio Lower Upper
202 100
200 23.6 17.4 26.2
203 18.7 14.1 21.1





#79

Terphenyl-d14

Concen: 73.764 ng

RT: 19.909 min Scan# 2829

Delta R.T. 0.003 min

Lab File: BG062678.D

Acq: 6 Sep 2024 12:38

Instrument :

BNA_G

ClientSampleId :

IDOC-04

Tgt Ion:244 Resp: 3197380

Ion Ratio Lower Upper

244 100

212 9.2 6.6 10.0

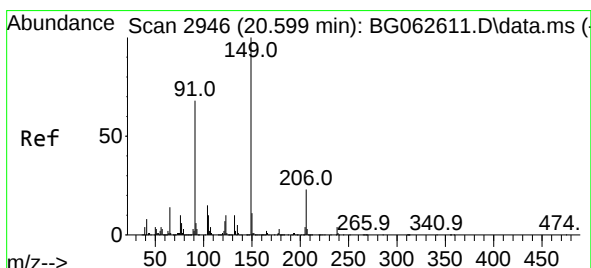
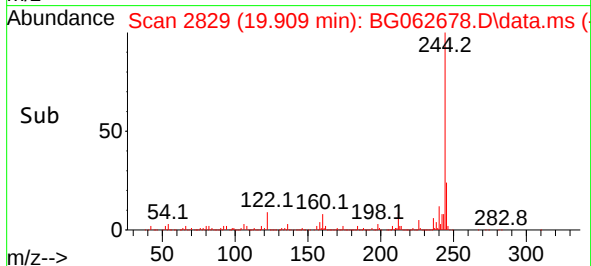
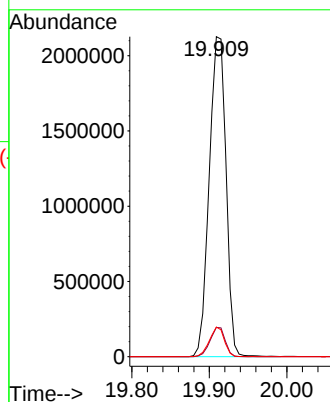
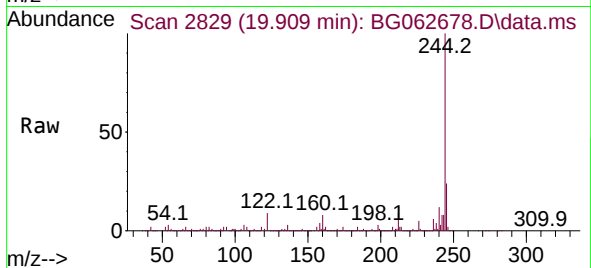
122 9.2 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/07/2024

Supervised By :mohammad ahmed 09/07/2024



#80

Butylbenzylphthalate

Concen: 46.513 ng

RT: 20.602 min Scan# 2947

Delta R.T. 0.003 min

Lab File: BG062678.D

Acq: 6 Sep 2024 12:38

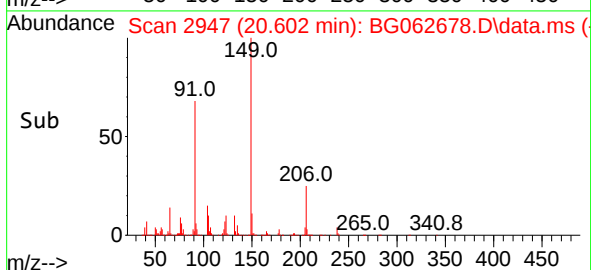
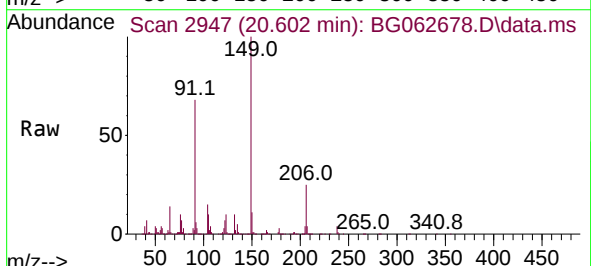
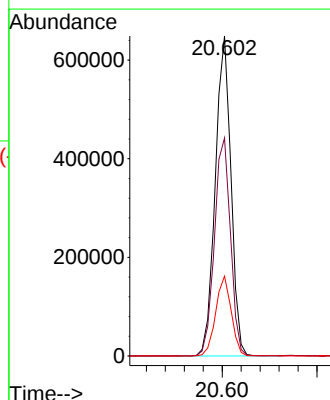
Tgt Ion:149 Resp: 746420

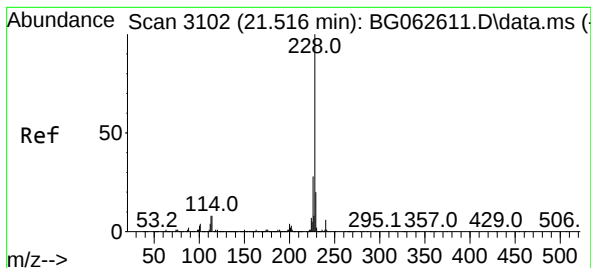
Ion Ratio Lower Upper

149 100

91 68.1 54.6 81.8

206 25.0 18.4 27.6





#81

Benzo(a)anthracene

Concen: 43.220 ng

RT: 21.525 min Scan# 3102

Delta R.T. 0.009 min

Lab File: BG062678.D

Acq: 6 Sep 2024 12:38

Instrument :

BNA_G

ClientSampleId :

IDOC-04

Tgt Ion:228 Resp: 234294

Ion Ratio Lower Upper

228 100

226 29.3 22.3 33.5

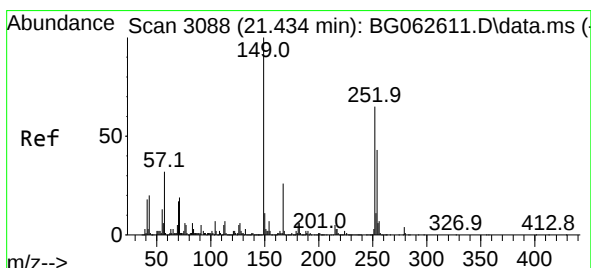
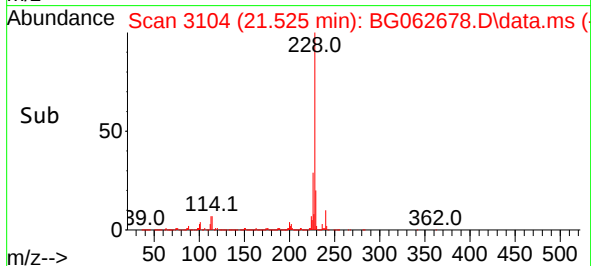
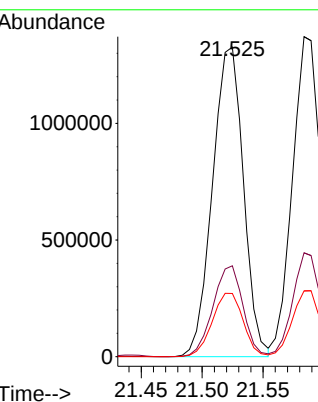
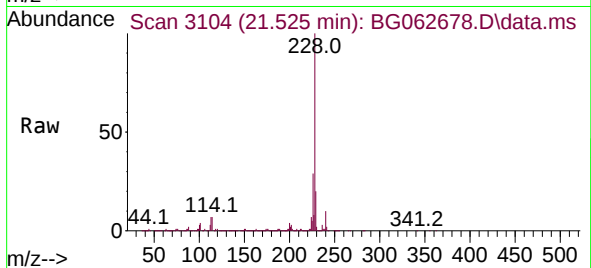
229 20.4 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/07/2024

Supervised By :mohammad ahmed 09/07/2024



#82

3,3'-Dichlorobenzidine

Concen: 34.985 ng

RT: 21.442 min Scan# 3090

Delta R.T. 0.009 min

Lab File: BG062678.D

Acq: 6 Sep 2024 12:38

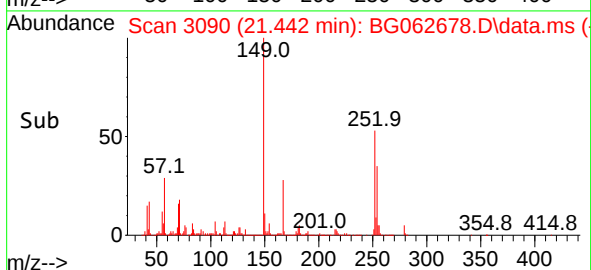
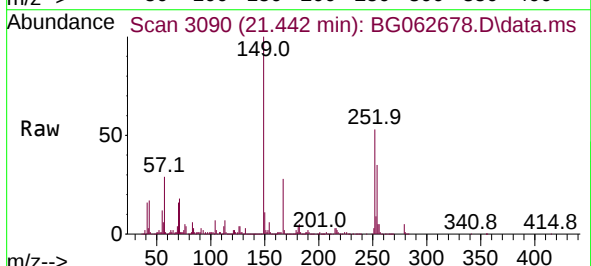
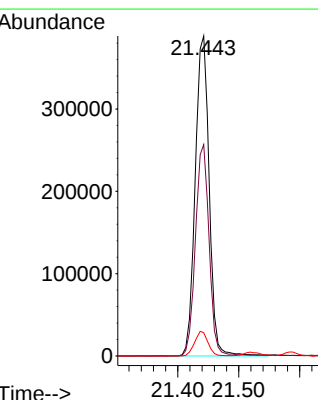
Tgt Ion:252 Resp: 617829

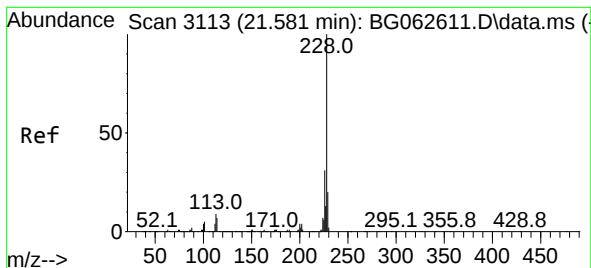
Ion Ratio Lower Upper

252 100

254 66.0 52.2 78.2

126 7.3 6.7 10.1





#83

Chrysene

Concen: 42.919 ng

RT: 21.584 min Scan# 3113

Delta R.T. 0.003 min

Lab File: BG062678.D

Acq: 6 Sep 2024 12:38

Instrument :

BNA_G

ClientSampleId :

IDOC-04

Tgt Ion:228 Resp: 222857

Ion Ratio Lower Upper

228 100

226 32.5 24.9 37.3

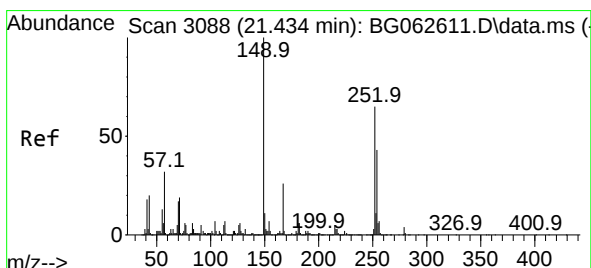
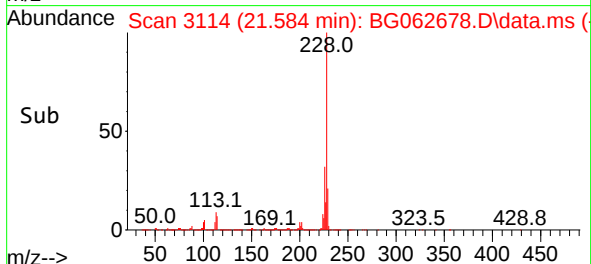
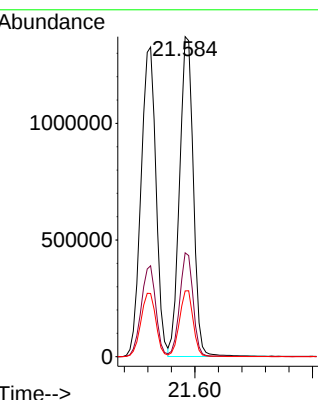
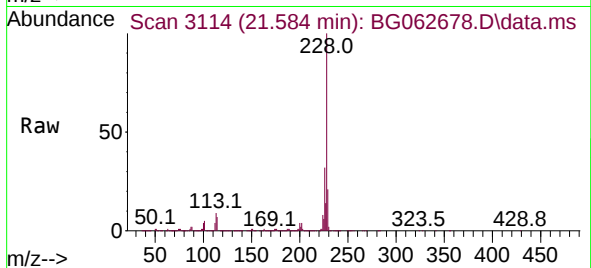
229 20.6 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/07/2024

Supervised By :mohammad ahmed 09/07/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.006 ng

RT: 21.437 min Scan# 3089

Delta R.T. 0.003 min

Lab File: BG062678.D

Acq: 6 Sep 2024 12:38

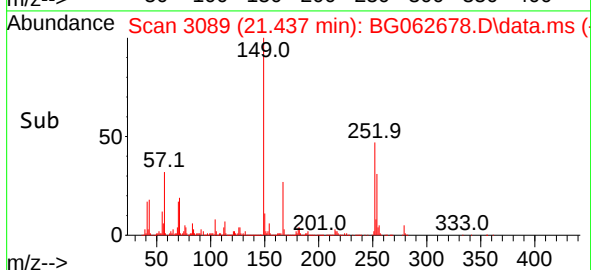
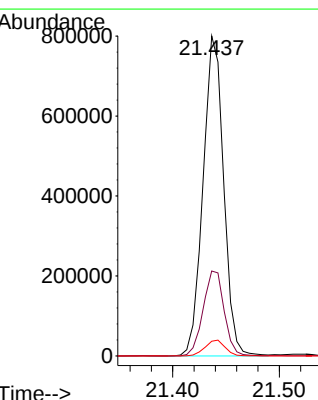
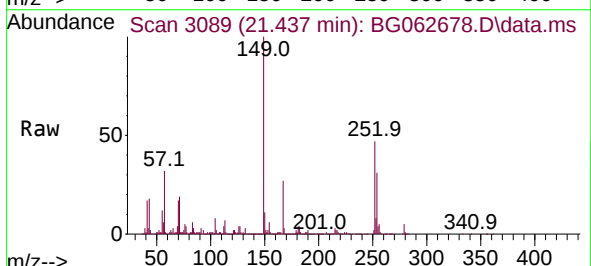
Tgt Ion:149 Resp: 1072850

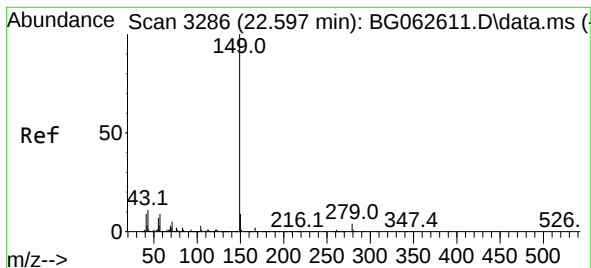
Ion Ratio Lower Upper

149 100

167 26.5 20.5 30.7

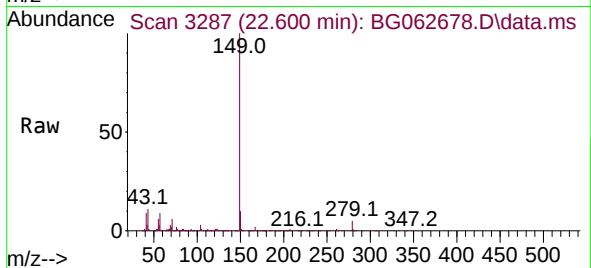
279 4.6 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 43.909 ng
RT: 22.600 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

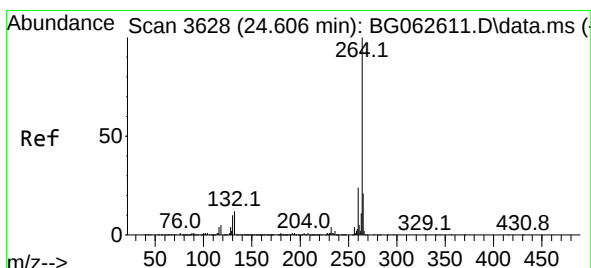
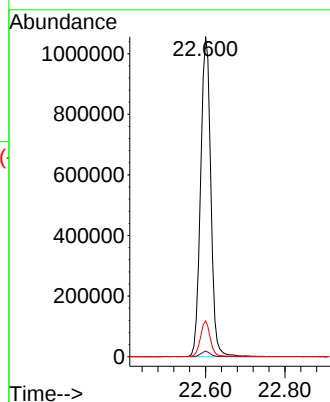
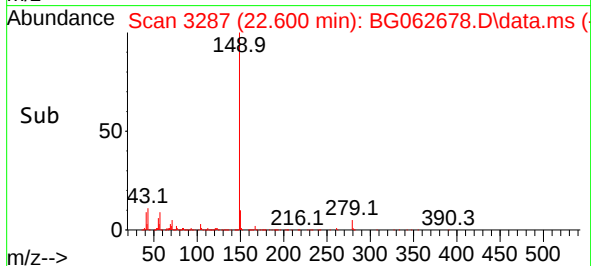
Instrument :
BNA_G
ClientSampleId :
IDOC-04



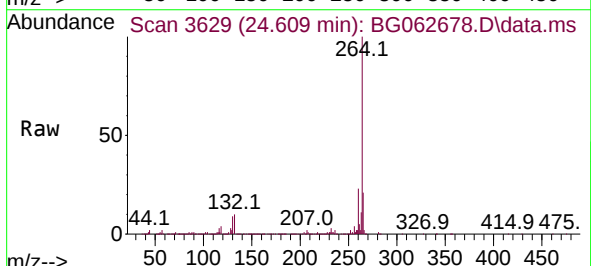
Tgt Ion:149 Resp: 187430
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.8 8.8 13.2

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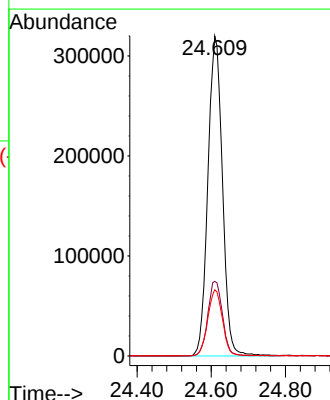
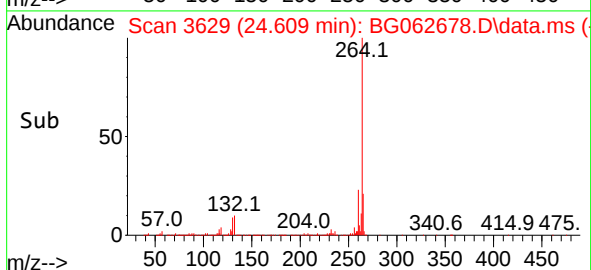
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.609 min Scan# 3629
Delta R.T. 0.003 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38



Tgt Ion:264 Resp: 871007
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.4
265 20.7 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.726 ng

RT: 28.088 min Scan# 4218

Delta R.T. 0.015 min

Lab File: BG062678.D

Acq: 6 Sep 2024 12:38

Instrument :

BNA_G

ClientSampleId :

IDOC-04

Tgt Ion:276 Resp: 288894

Ion Ratio Lower Upper

276 100

138 11.1 14.9 22.3

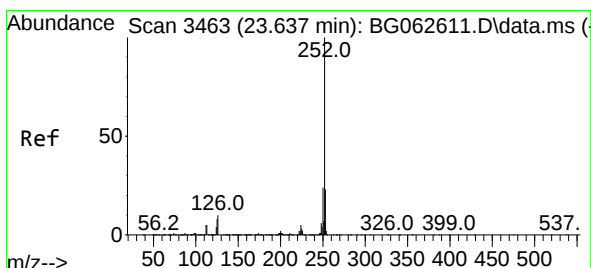
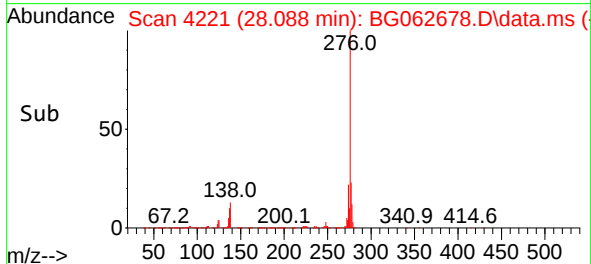
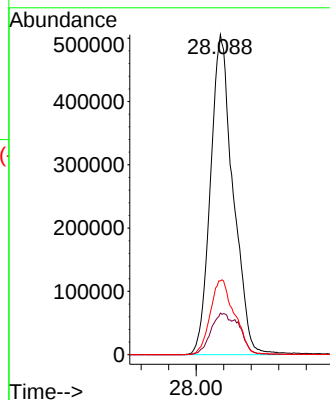
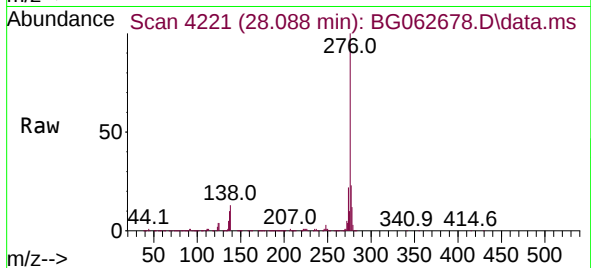
277 25.1 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/07/2024

Supervised By :mohammad ahmed 09/07/2024



#88

Benzo(b)fluoranthene

Concen: 48.876 ng

RT: 23.646 min Scan# 3465

Delta R.T. 0.009 min

Lab File: BG062678.D

Acq: 6 Sep 2024 12:38

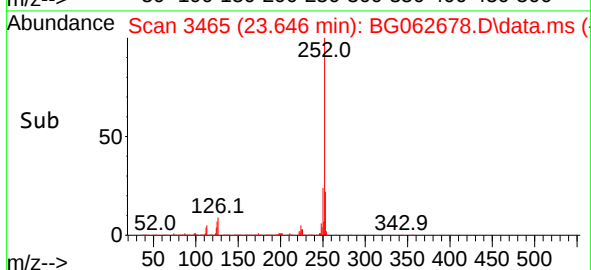
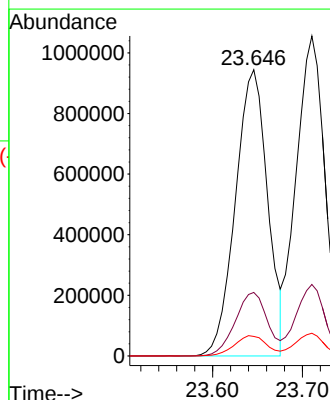
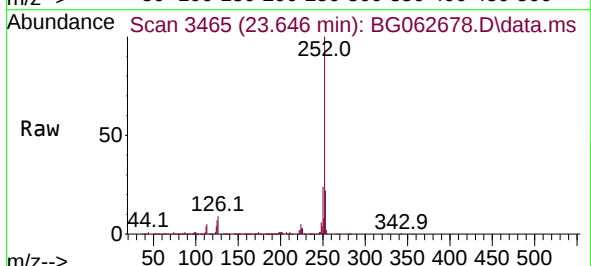
Tgt Ion:252 Resp: 2351363

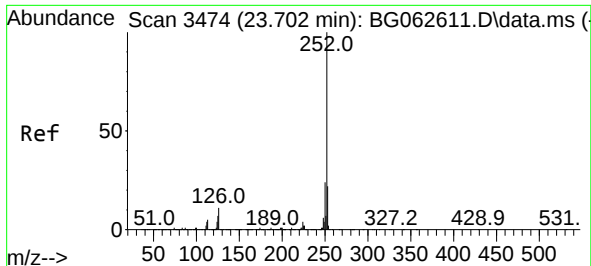
Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

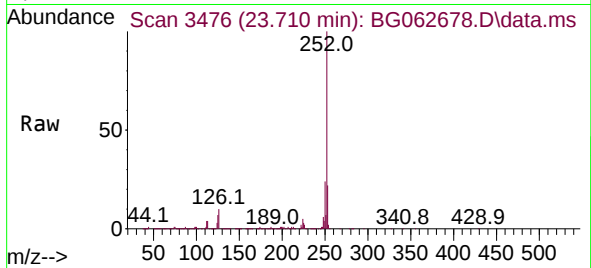
125 6.8 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 50.245 ng
RT: 23.710 min Scan# 3474
Delta R.T. 0.009 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38

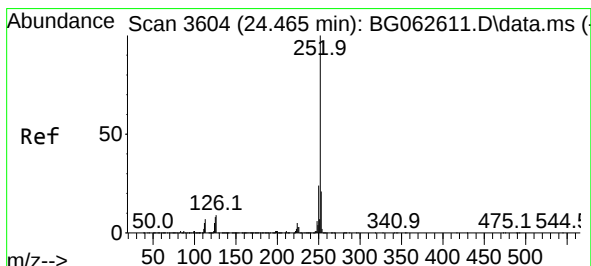
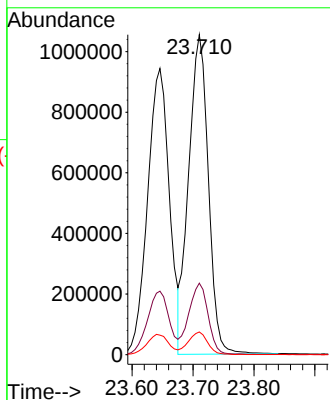
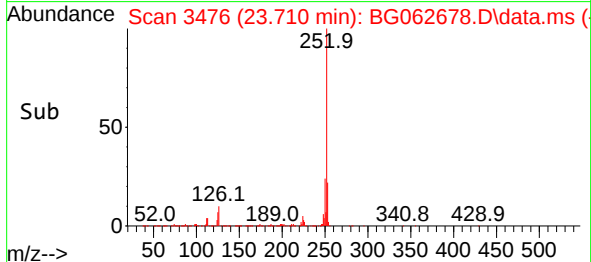
Instrument :
BNA_G
ClientSampleId :
IDOC-04



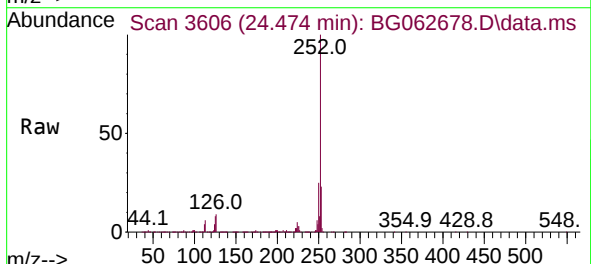
Tgt Ion:252 Resp: 236454
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 7.1 6.1 9.1

Manual Integrations
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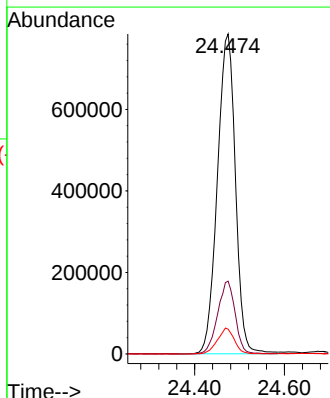
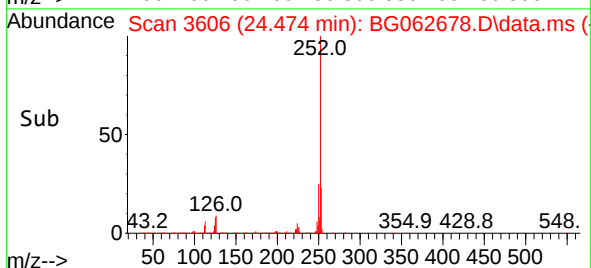
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

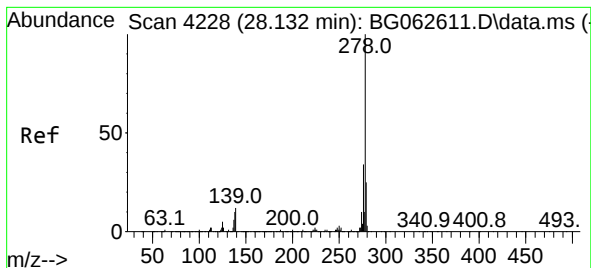


#90
Benzo(a)pyrene
Concen: 51.622 ng
RT: 24.474 min Scan# 3606
Delta R.T. 0.009 min
Lab File: BG062678.D
Acq: 6 Sep 2024 12:38



Tgt Ion:252 Resp: 2194018
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 7.7 6.6 10.0





#91

Dibenzo(a,h)anthracene

Concen: 51.923 ng

RT: 28.152 min Scan# 4228

Delta R.T. 0.021 min

Lab File: BG062678.D

Acq: 6 Sep 2024 12:38

Instrument :

BNA_G

ClientSampleId :

IDOC-04

Tgt Ion:278 Resp: 2388940

Ion Ratio Lower Upper

278 100

139 9.8 9.2 13.8

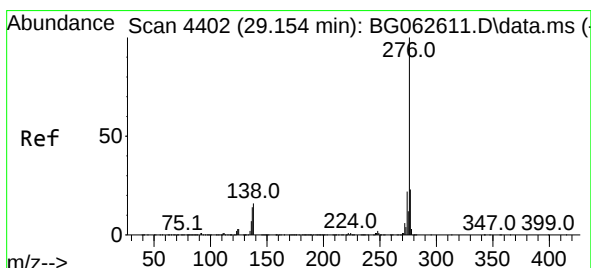
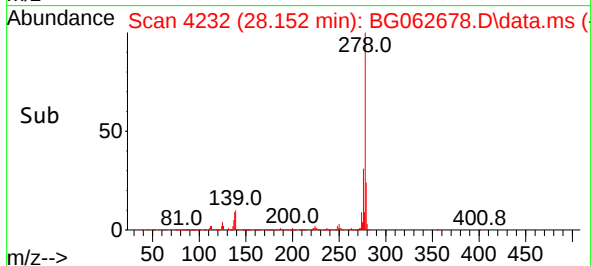
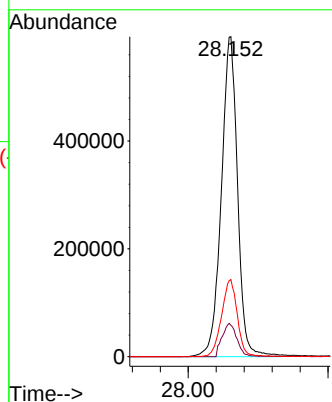
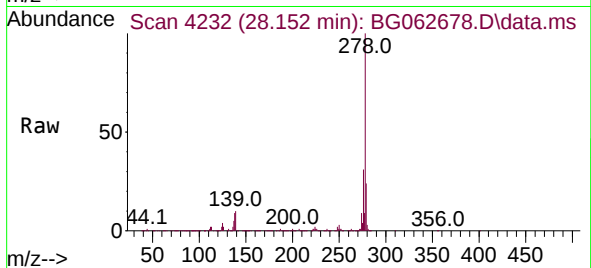
279 24.1 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/07/2024

Supervised By :mohammad ahmed 09/07/2024



#92

Benzo(g,h,i)perylene

Concen: 48.899 ng

RT: 29.180 min Scan# 4407

Delta R.T. 0.026 min

Lab File: BG062678.D

Acq: 6 Sep 2024 12:38

Tgt Ion:276 Resp: 2268605

Ion Ratio Lower Upper

276 100

277 22.7 18.8 28.2

138 13.7 12.7 19.1

