

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
 Data File : BG063844.D
 Acq On : 26 Dec 2024 20:47
 Operator : RC/JU
 Sample : P5324-06MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YE5X6MSD

Quant Time: Dec 27 02:43:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 24 00:44:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024
 Supervised By :mohammad ahmed 12/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	88327	20.000	ng/ul	0.00
20) Naphthalene-d8	10.585	136	382146	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	311186	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.195	188	749700	20.000	ng/ul	0.00
79) Chrysene-d12	21.443	240	782487	20.000	ng/ul	0.00
88) Perylene-d12	24.463	264	825859	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	10066	4.466	ng/uL	0.00
4) Pyridine-d5	3.664	84	149592	21.039	ng/ul	0.00
7) Phenol-d5	6.983	99	217081	26.685	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.124	67	114567	20.391	ng/ul	0.00
11) 2-Chlorophenol-d4	7.336	132	127338	24.179	ng/ul	0.00
15) 4-Methylphenol-d8	8.517	113	158653	25.120	ng/ul	0.00
21) Nitrobenzene-d5	8.952	128	64843	23.765	ng/ul	0.00
24) 2-Nitrophenol-d4	9.674	143	85655	28.005	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.221	165	169060	28.549	ng/ul	0.00
31) 4-Chloroaniline-d4	10.726	131	209337	27.842	ng/ul	0.00
46) Dimethylphthalate-d6	13.846	166	623057	29.424	ng/ul	0.00
49) Acenaphthylene-d8	14.128	160	559095	23.162	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	89997	29.997	ng/ul	0.00
60) Fluorene-d10	15.432	176	506719	27.066	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.573	200	99395	25.535	ng/ul	0.00
73) Anthracene-d10	17.289	188	1000971	31.055	ng/ul	0.00
81) Pyrene-d10	19.592	212	1058986	26.007	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.257	264	1048067	27.024	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	32770	12.285	ng/uL#	93
5) Pyridine	3.681	79	242562	31.850	ng/ul	91
6) Benzaldehyde	6.936	77	52991	10.620	ng/ul	93
8) Phenol	7.007	94	281456	32.464	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.218	93	195457	29.466	ng/ul	97
12) 2-Chlorophenol	7.365	128	165521	31.049	ng/ul	98
13) 2-Methylphenol	8.252	108	203005	32.397	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.311	45	293032	29.757	ng/ul	96
16) Acetophenone	8.617	105	326905	30.516	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.599	70	193779	30.316	ng/ul	93
18) 4-Methylphenol	8.581	108	229461	33.459	ng/ul	99
19) Hexachloroethane	8.869	117	73735	28.149	ng/ul	95
22) Nitrobenzene	8.993	77	275069	30.189	ng/ul	96
23) Isophorone	9.516	82	547843	31.822	ng/ul	98
25) 2-Nitrophenol	9.704	139	110967	35.302	ng/ul#	85
26) 2,4-Dimethylphenol	9.774	107	234992	32.946	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.997	93	293345	31.503	ng/ul	99
29) 2,4-Dichlorophenol	10.244	162	201895	34.313	ng/ul	96
30) Naphthalene	10.638	128	600932	31.452	ng/ul	99
32) 4-Chloroaniline	10.749	127	148295	20.729	ng/ul	99
33) Hexachlorobutadiene	10.920	225	131744	27.560	ng/ul	97
34) Caprolactam	11.507	113	79499m	39.086	ng/ul	
35) 4-Chloro-3-methylphenol	11.895	107	249794m	36.161	ng/ul	
36) 2-Methylnaphthalene	12.248	142	442478	32.223	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.471	142	453796	32.444	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.624	216	274499	27.555	ng/ul	98
40) Hexachlorocyclopentadiene	12.600	237	54838	13.925	ng/ul#	97
41) 2,4,6-Trichlorophenol	12.871	196	181102	32.165	ng/ul	98
42) 2,4,5-Trichlorophenol	12.953	196	198777m	33.828	ng/ul	
43) 1,1'-Biphenyl	13.270	154	634577	30.921	ng/ul	94
44) 2-Chloronaphthalene	13.311	162	498362	30.241	ng/ul	98
45) 2-Nitroaniline	13.517	65	201012	36.415	ng/ul	93
47) Dimethylphthalate	13.893	163	699739	32.973	ng/ul	98
48) 2,6-Dinitrotoluene	14.022	165	145856	37.007	ng/ul#	87
50) Acenaphthylene	14.157	152	832086	32.149	ng/ul	98
51) 3-Nitroaniline	14.351	138	145627	39.964	ng/ul	91
52) Acenaphthene	14.504	153	602365	32.836	ng/ul	95
53) 2,4-Dinitrophenol	14.574	184	70431m	34.968	ng/ul	
55) 4-Nitrophenol	14.686	109	98427	31.594	ng/ul	95
56) Dibenzofuran	14.839	168	860896	33.287	ng/ul	94
57) 2,4-Dinitrotoluene	14.815	165	223368	38.141	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.080	232	163283	32.237	ng/ul	92
59) Diethylphthalate	15.262	149	698436	34.044	ng/ul	97
61) Fluorene	15.491	166	705991	34.186	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.485	204	367956	31.981	ng/ul	96
63) 4-Nitroaniline	15.520	138	161974	44.400	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.591	198	146420	36.513	ng/ul#	89
67) N-Nitrosodiphenylamine	15.702	169	626499	34.510	ng/ul	97
68) 4-Bromophenyl-phenylether	16.378	248	249701	32.681	ng/ul	98
69) Hexachlorobenzene	16.502	284	275198	32.148	ng/ul	94
70) Atrazine	16.654	200	260470	33.941	ng/ul	99
71) Pentachlorophenol	16.854	266	99605	27.597	ng/ul	98
72) Phenanthrene	17.236	178	1275450	35.304	ng/ul	99
74) Anthracene	17.324	178	1298273	35.505	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.235	216	284338	28.426	ng/ul	98
76) Pentachlorobenzene	14.762	250	308614	31.144	ng/ul	99
77) Carbazole	17.600	167	1127141	38.080	ng/ul	99
78) Di-n-butylphthalate	18.158	149	1279348	35.789	ng/ul	98
80) Fluoranthene	19.257	202	1544608	33.375	ng/ul	97
82) Pyrene	19.621	202	1619028	32.881	ng/ul#	95
83) Butylbenzylphthalate	20.514	149	562101	37.188	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.349	252	470111	33.281	ng/ul	94
85) Benzo(a)anthracene	21.425	228	1579967	32.219	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.337	149	817343	37.173	ng/ul	99
87) Chrysene	21.490	228	1512840	32.368	ng/ul	97
89) Di-n-octyl phthalate	22.471	149	1439940	40.396	ng/ul	100
90) Benzo(b)fluoranthene	23.511	252	1600253	34.093	ng/ul	99
91) Benzo(k)fluoranthene	23.570	252	1566512	33.458	ng/ul	99
93) Benzo(a)pyrene	24.322	252	1478452	33.557	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.871	276	1872923	34.810	ng/ul	96
95) Dibenzo(a,h)anthracene	27.918	278	1507224	35.009	ng/ul	94
96) Benzo(g,h,i)perylene	28.928	276	1462698	34.259	ng/ul	97

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

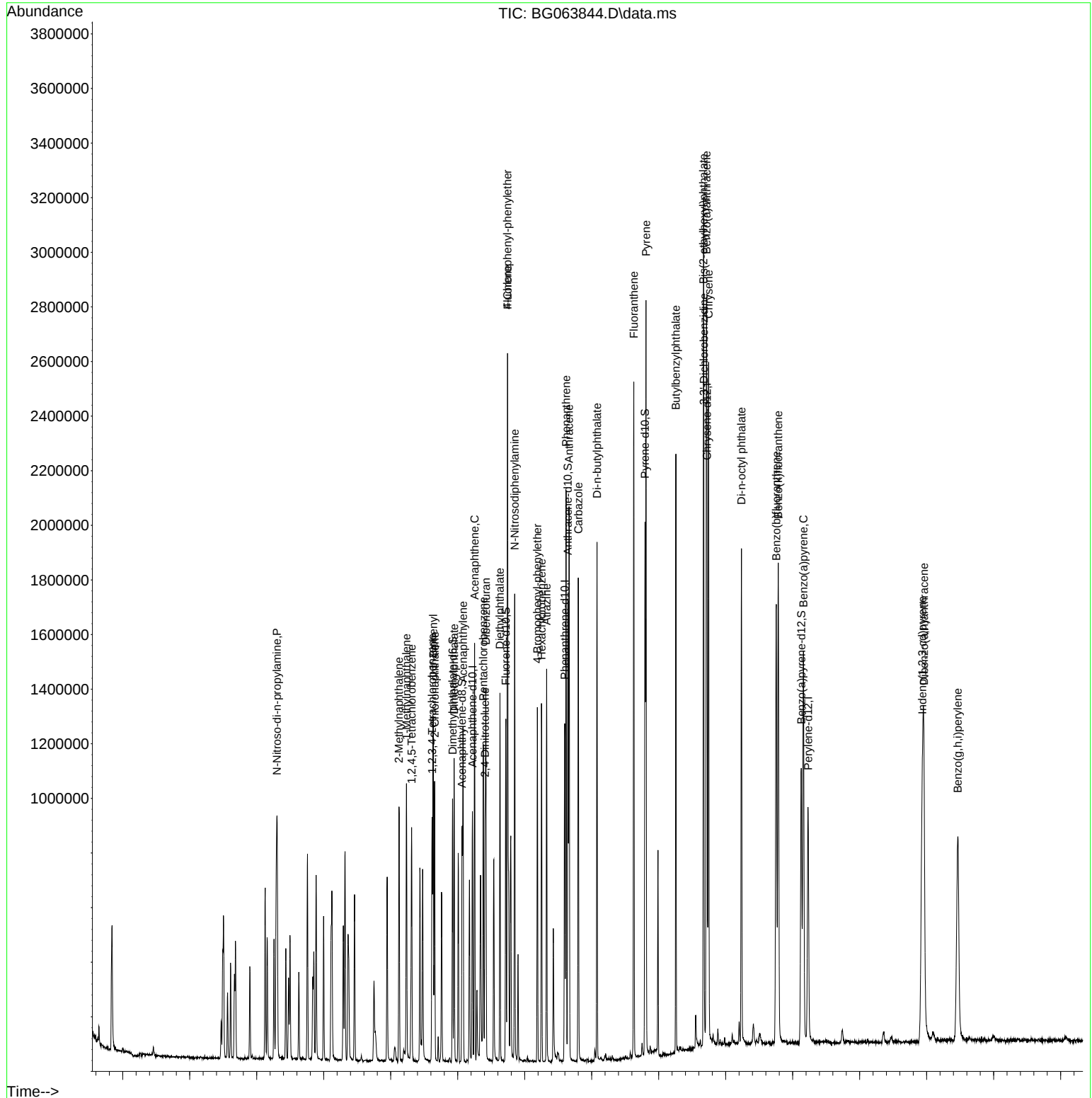
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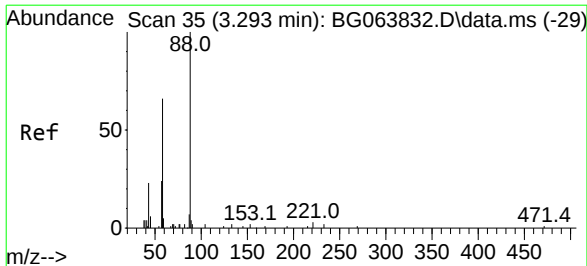
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BNA_G
ClientSampleId :
YE5X6MSD

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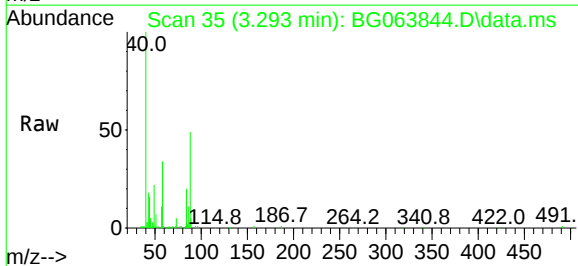
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024





#2
1,4-Dioxane
Concen: 12.285 ng/uL
RT: 3.293 min Scan# 35
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

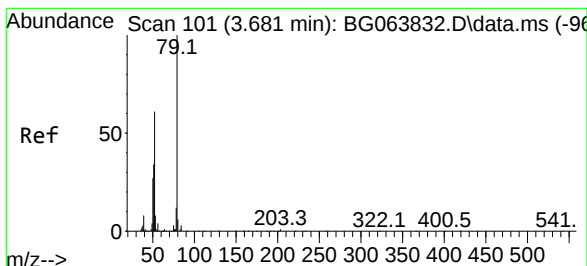
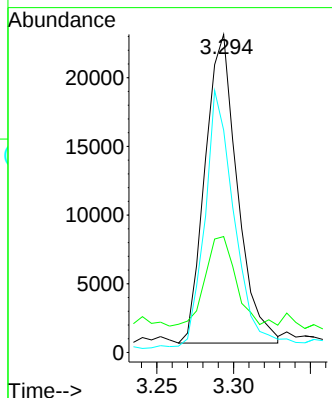
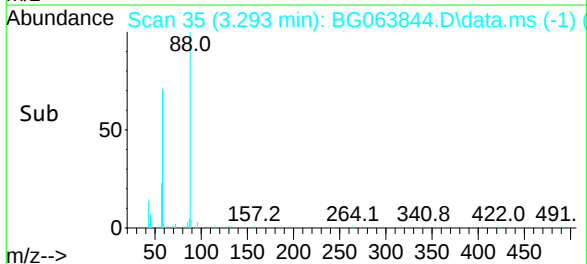
Instrument :
BNA_G
ClientSampleId :
YE5X6MSD



Tgt Ion: 88 Resp: 32770
Ion Ratio Lower Upper
88 100
43 36.5 20.9 31.3#
58 69.9 57.7 86.5

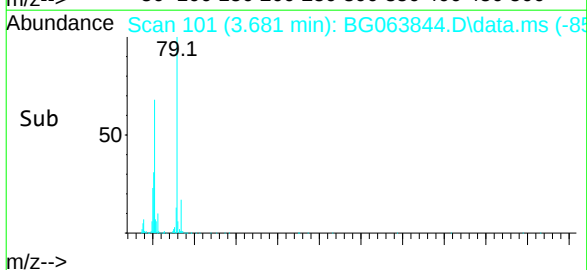
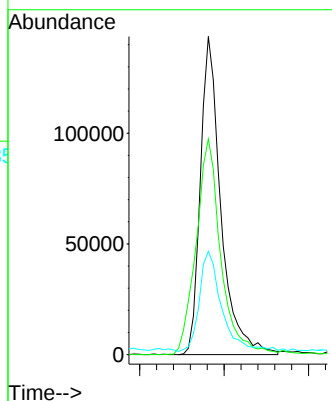
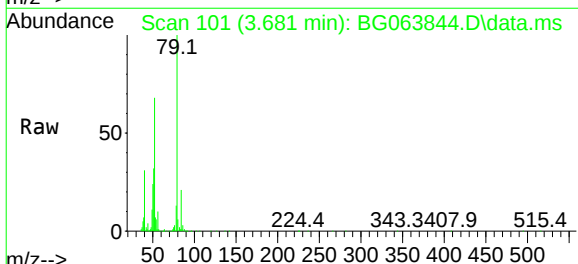
Manual Integrations
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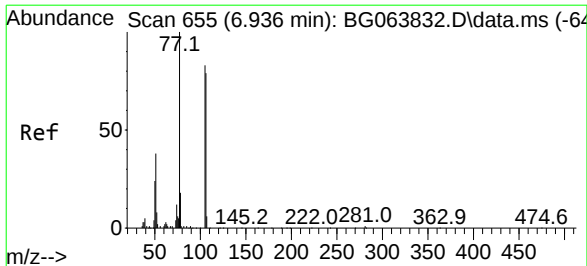
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#5
Pyridine
Concen: 31.850 ng/uL
RT: 3.681 min Scan# 101
Delta R.T. -0.006 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

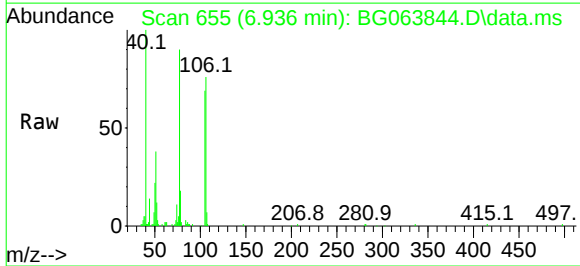
Tgt Ion: 79 Resp: 242562
Ion Ratio Lower Upper
79 100
52 67.8 60.9 91.3
51 32.5 29.5 44.3





#6
Benzaldehyde
Concen: 10.620 ng/u1
RT: 6.936 min Scan# 655
Delta R.T. -0.006 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

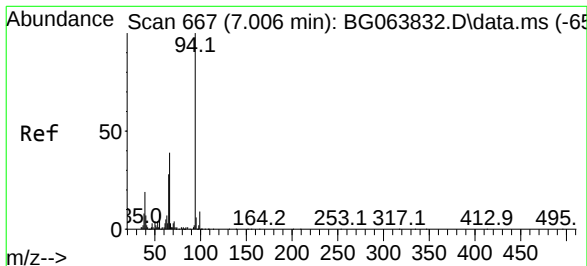
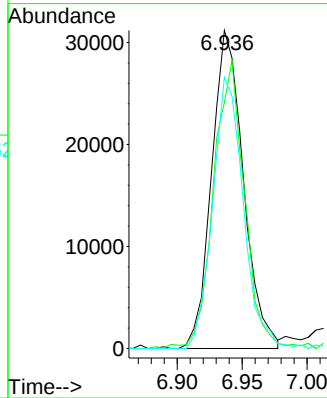
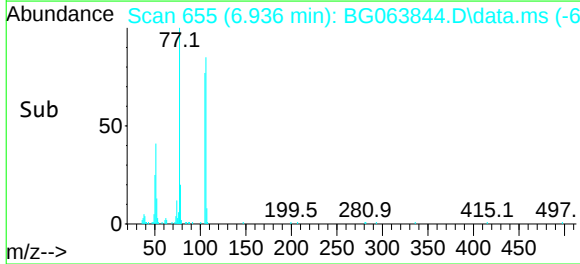
Instrument :
BNA_G
ClientSampleId :
YE5X6MSD



Tgt Ion: 77 Resp: 52991
Ion Ratio Lower Upper
77 100
105 77.4 65.2 97.8
106 85.2 61.0 91.4

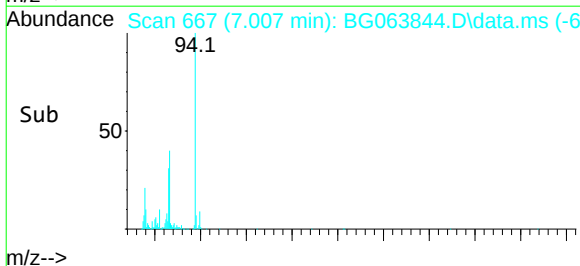
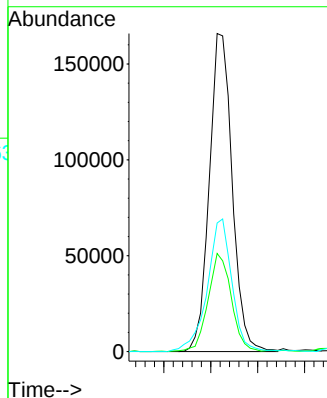
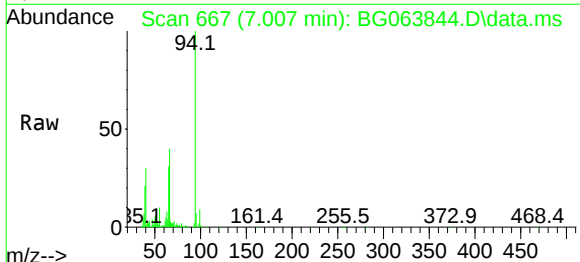
Manual Integrations
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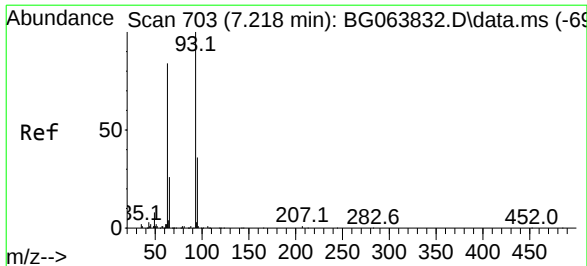
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#8
Phenol
Concen: 32.464 ng/u1
RT: 7.007 min Scan# 667
Delta R.T. -0.006 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

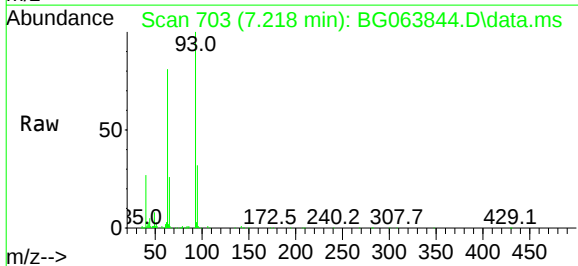
Tgt Ion: 94 Resp: 281456
Ion Ratio Lower Upper
94 100
65 30.8 25.6 38.4
66 40.4 34.2 51.2





#10
Bis(2-Chloroethyl)ether
Concen: 29.466 ng/ul
RT: 7.218 min Scan# 703
Delta R.T. -0.006 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

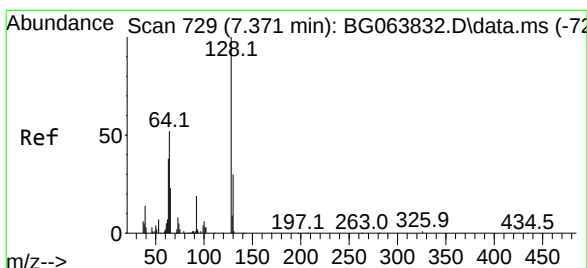
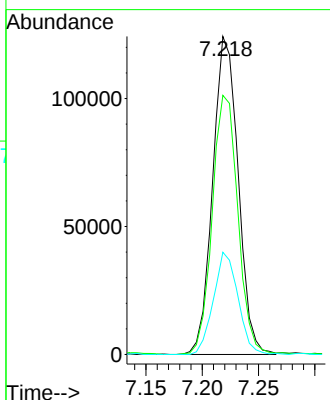
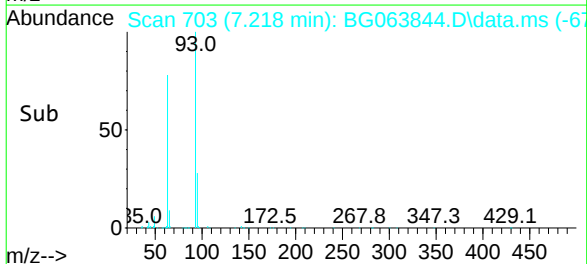
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ClientSampleId :
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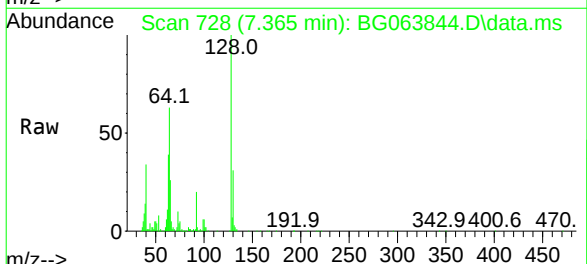
Tgt Ion	Ratio	Lower	Upper
93	100		
63	81.5	63.8	95.6
95	32.1	27.6	41.4

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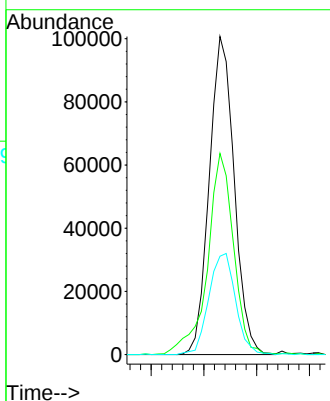
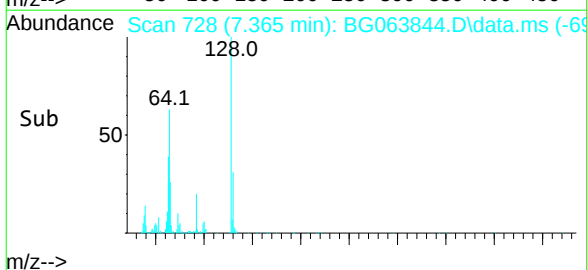
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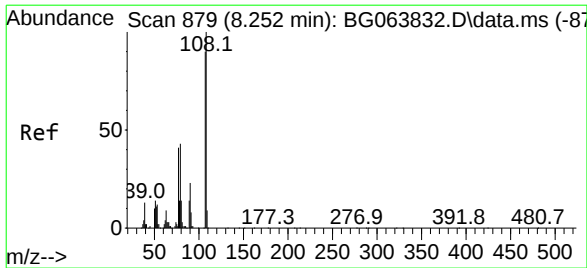


#12
2-Chlorophenol
Concen: 31.049 ng/ul
RT: 7.365 min Scan# 728
Delta R.T. -0.006 min
Lab File: BG063844.D
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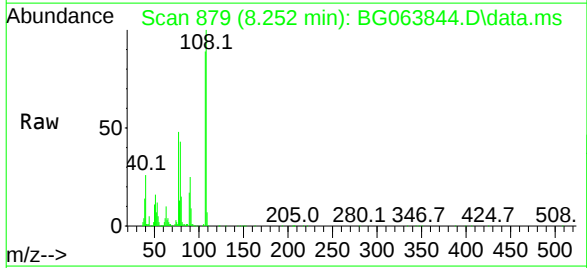
Tgt Ion	Ratio	Lower	Upper
128	100		
64	63.2	48.9	73.3
130	30.9	24.2	36.2





#13
2-Methylphenol
Concen: 32.397 ng/ul
RT: 8.252 min Scan# 879
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

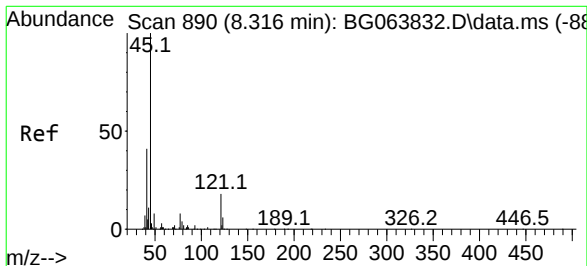
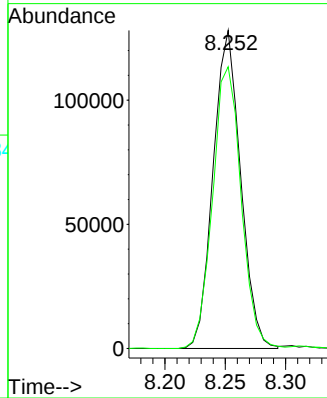
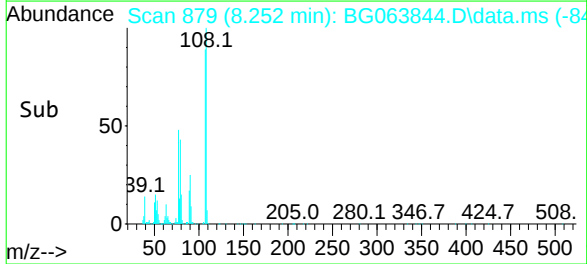
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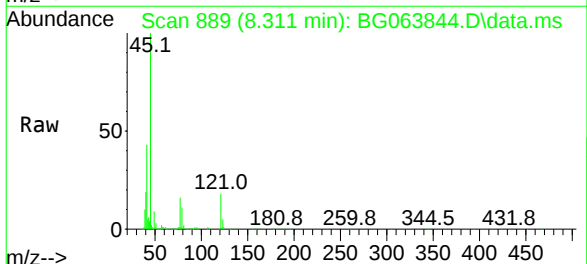
Tgt Ion: 108 Resp: 203005
Ion Ratio Lower Upper
108 100
107 88.6 72.6 108.8

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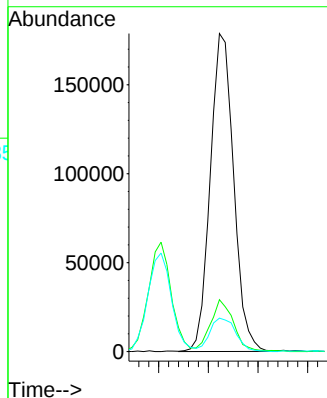
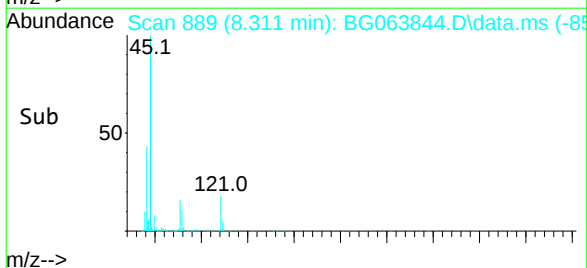
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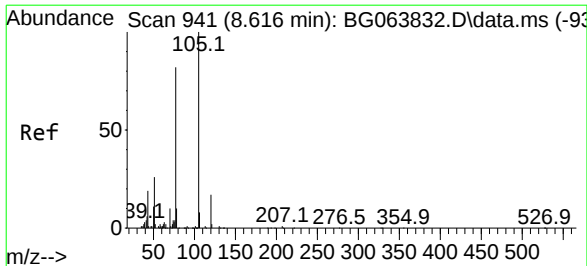


#14
2,2'-oxybis(1-Chloropropane)
Concen: 29.757 ng/ul
RT: 8.311 min Scan# 889
Delta R.T. -0.006 min
Lab File: BG063844.D
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Tgt Ion: 45 Resp: 293032
Ion Ratio Lower Upper
45 100
77 16.3 11.5 17.3
79 10.5 9.2 13.8





#16

Acetophenone

Concen: 30.516 ng/ul

RT: 8.617 min Scan# 941

Delta R.T. 0.000 min

Lab File: BG063844.D

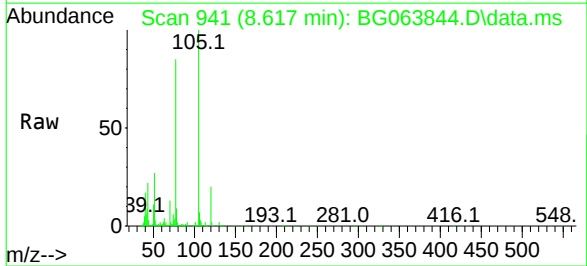
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Instrument :

BNA_G

ClientSampleId :

YE5X6MSD

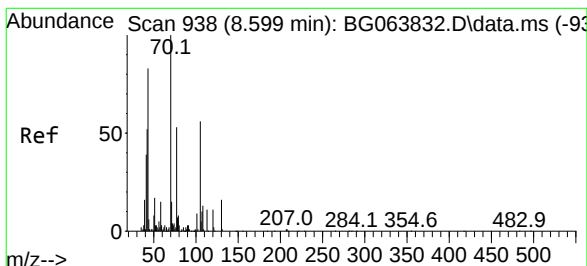
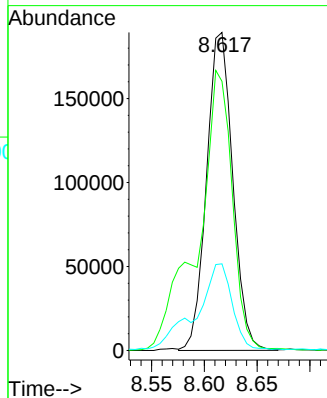
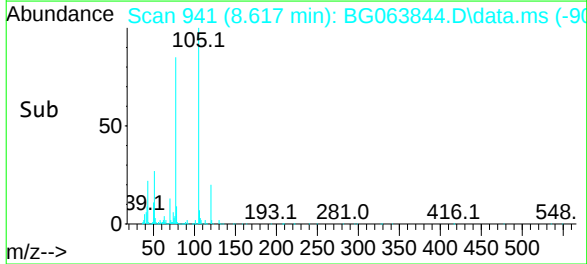


Tgt Ion:	105	Resp:	326905
Ion Ratio	Lower	Upper	
105	100		
77	84.6	73.6	110.4
51	27.3	25.4	38.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#17

N-Nitroso-di-n-propylamine

Concen: 30.316 ng/ul

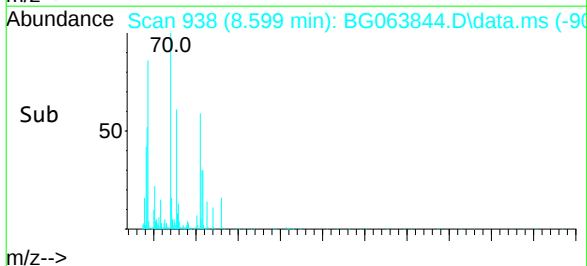
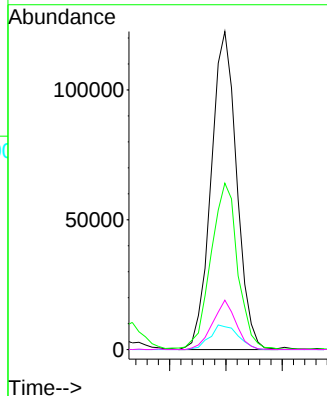
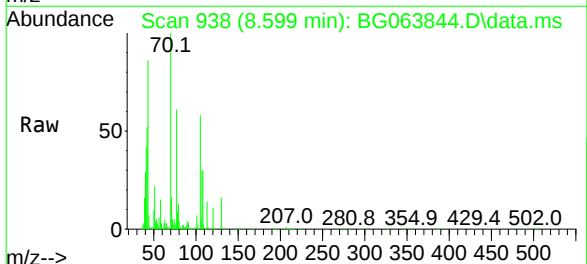
RT: 8.599 min Scan# 938

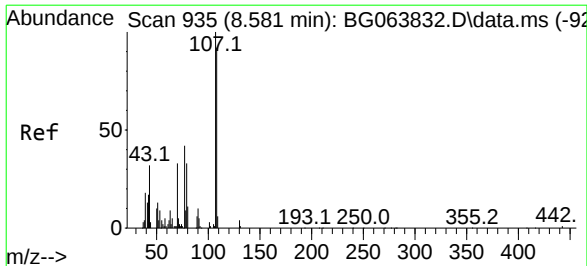
Delta R.T. 0.000 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

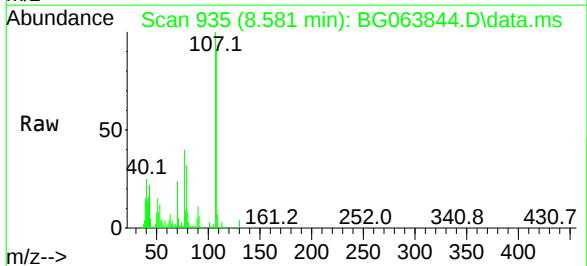
Tgt Ion:	70	Resp:	193779
Ion Ratio	Lower	Upper	
70	100		
42	52.3	47.4	71.0
101	7.2	6.1	9.1
130	15.5	11.4	17.2





#18
4-Methylphenol
Concen: 33.459 ng/ul
RT: 8.581 min Scan# 935
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

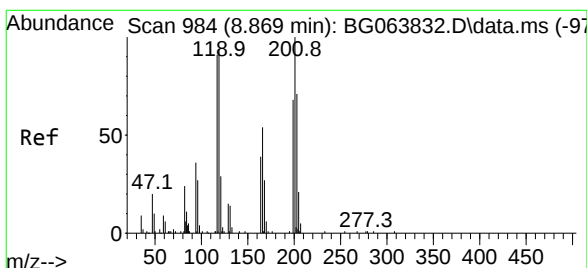
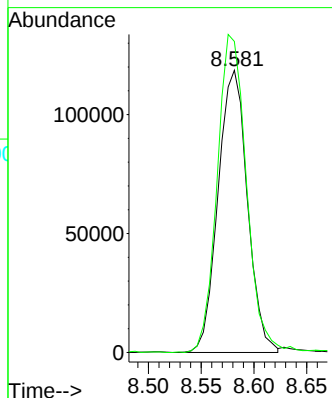
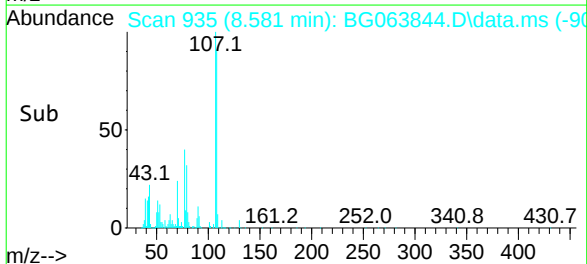
Instrument :
BNA_G
ClientSampleId :
YE5X6MSD



Tgt Ion:108 Resp: 229461
Ion Ratio Lower Upper
108 100
107 110.2 89.2 133.8

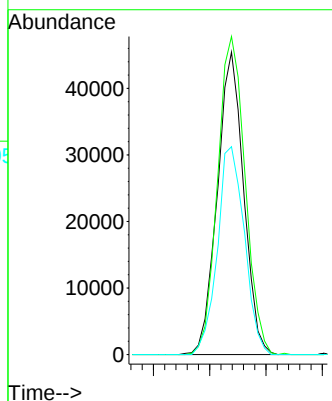
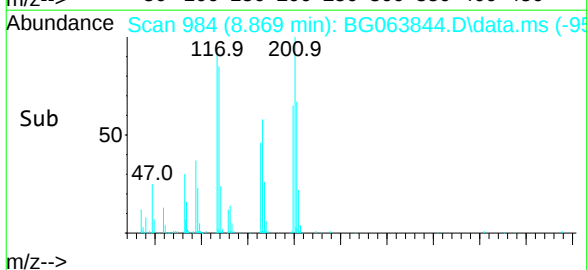
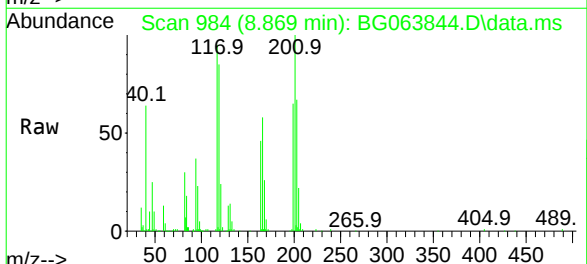
Manual Integrations
APPROVED

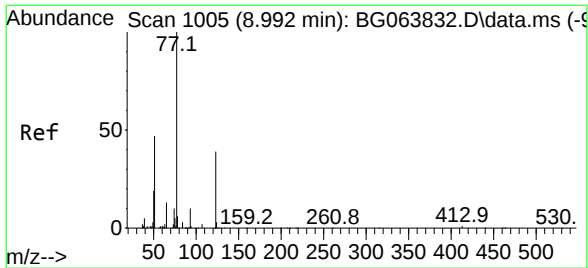
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#19
Hexachloroethane
Concen: 28.149 ng/ul
RT: 8.869 min Scan# 984
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

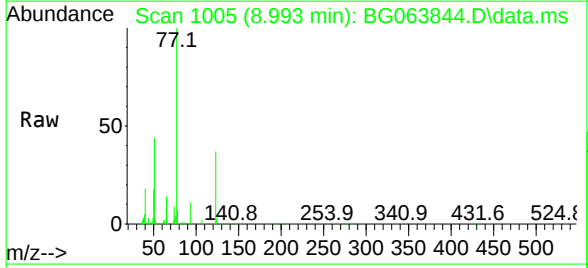
Tgt Ion:117 Resp: 73735
Ion Ratio Lower Upper
117 100
201 105.1 86.8 130.2
199 68.7 59.4 89.2





#22
Nitrobenzene
Concen: 30.189 ng/u1
RT: 8.993 min Scan# 10
Delta R.T. -0.006 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

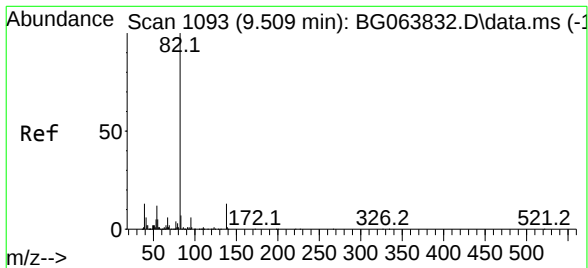
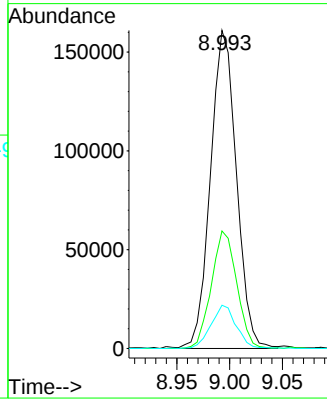
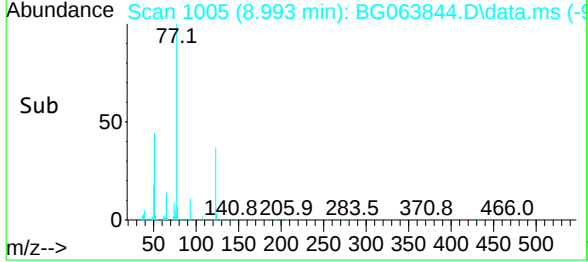
Instrument :
BNA_G
ClientSampleId :
YE5X6MSD



Tgt Ion: 77 Resp: 275069
Ion Ratio Lower Upper
77 100
123 36.9 27.0 40.4
65 13.6 10.8 16.2

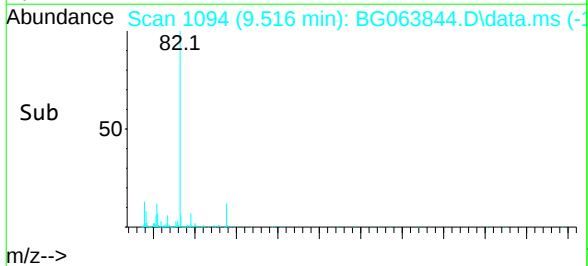
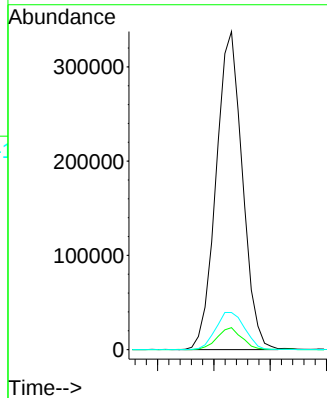
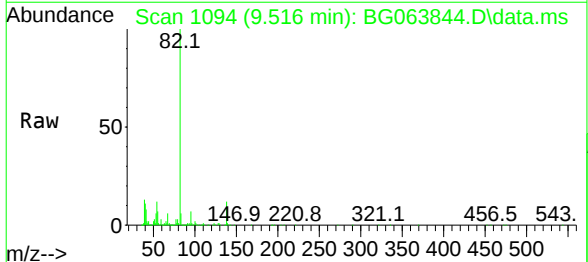
Manual Integrations
APPROVED

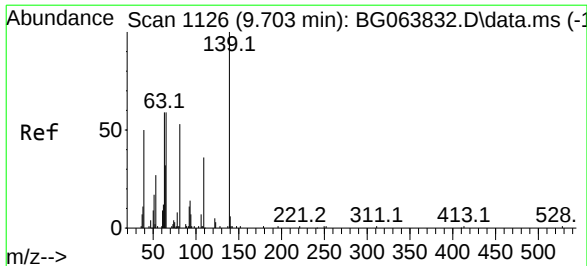
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#23
Isophorone
Concen: 31.822 ng/u1
RT: 9.516 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

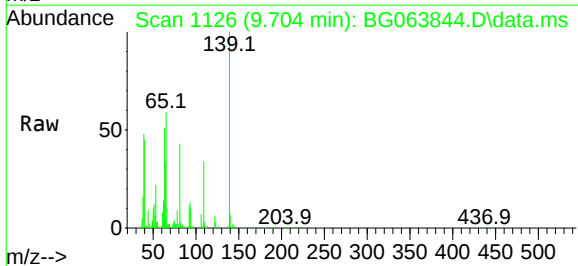
Tgt Ion: 82 Resp: 547843
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.6
138 11.7 10.3 15.5





#25
2-Nitrophenol
Concen: 35.302 ng/u1
RT: 9.704 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

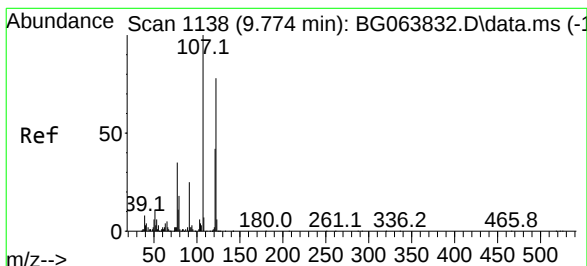
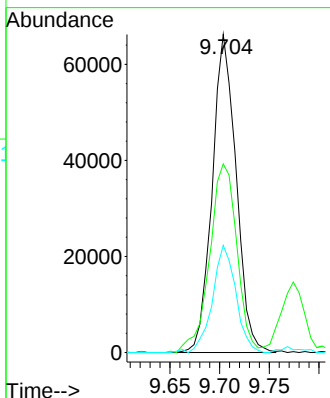
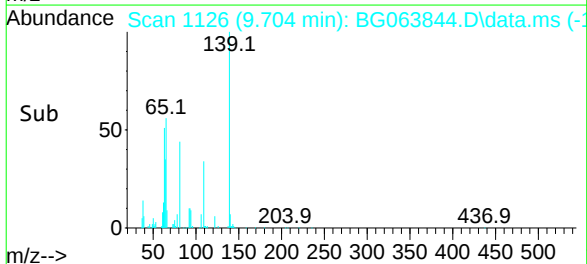
Instrument :
BNA_G
ClientSampleId :
YE5X6MSD



Tgt Ion:139 Resp: 110967
Ion Ratio Lower Upper
139 100
65 59.3 62.2 93.2#
109 33.7 26.9 40.3

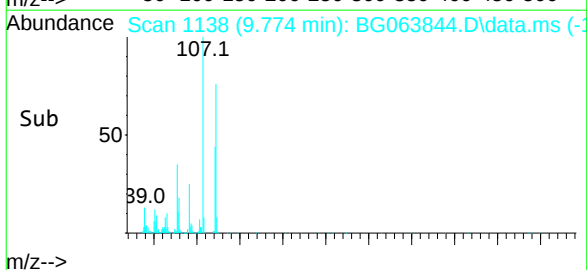
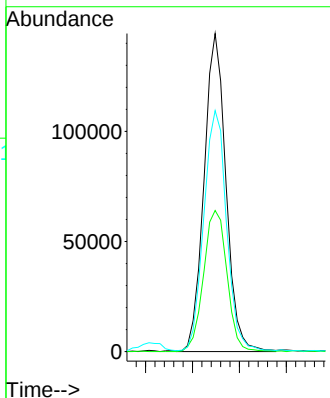
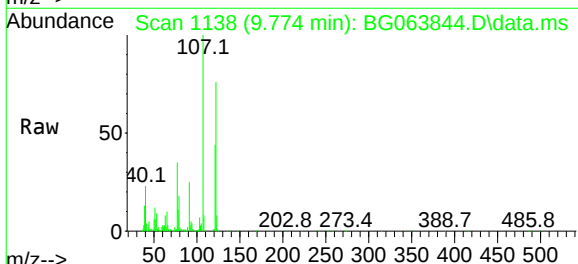
Manual Integrations
APPROVED

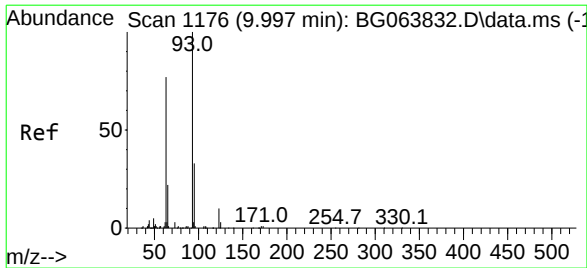
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#26
2,4-Dimethylphenol
Concen: 32.946 ng/u1
RT: 9.774 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

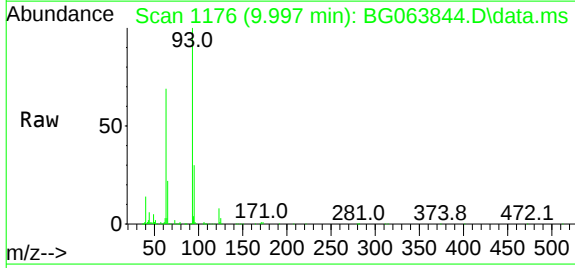
Tgt Ion:107 Resp: 234992
Ion Ratio Lower Upper
107 100
121 44.4 38.4 57.6
122 75.8 61.8 92.8





#27
Bis(2-Chloroethoxy)methane
Concen: 31.503 ng/u1
RT: 9.997 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

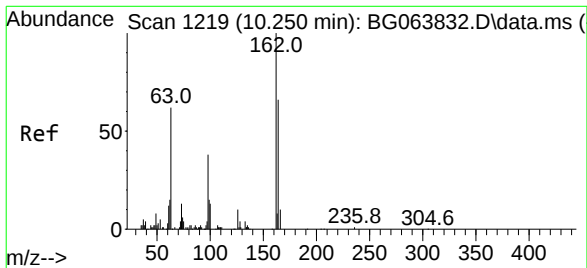
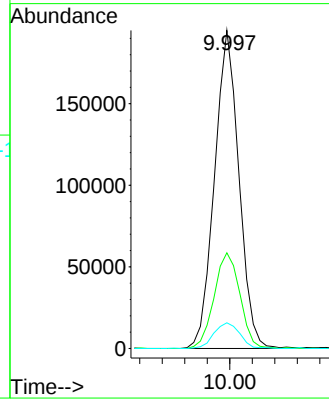
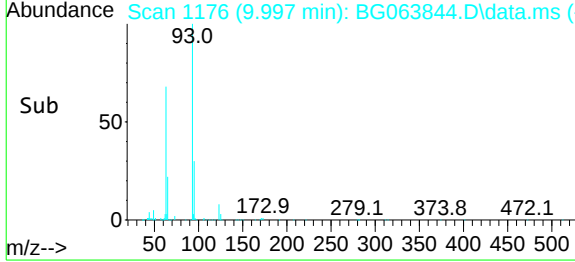
Instrument :
BNA_G
ClientSampleId :
YE5X6MSD



Tgt Ion:	93	Resp:	293345
Ion	Ratio	Lower	Upper
93	100		
95	30.1	23.5	35.3
123	8.1	6.2	9.4

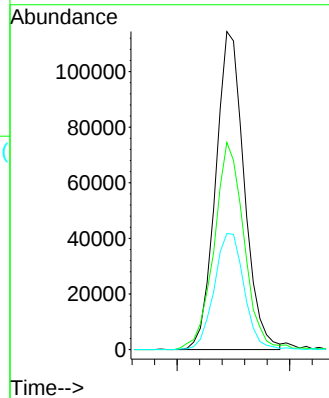
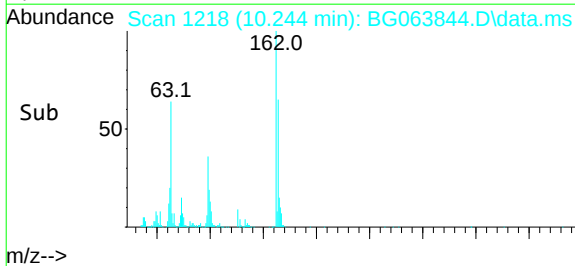
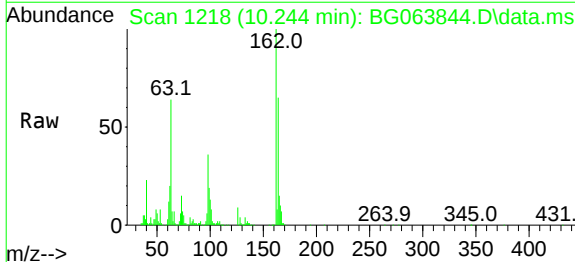
Manual Integrations
APPROVED

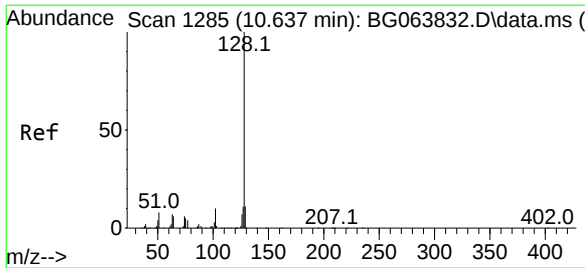
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#29
2,4-Dichlorophenol
Concen: 34.313 ng/u1
RT: 10.244 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion:	162	Resp:	201895
Ion	Ratio	Lower	Upper
162	100		
164	65.1	53.0	79.4
98	36.5	33.0	49.6





#30

Naphthalene

Concen: 31.452 ng/u1

RT: 10.638 min Scan# 12

Delta R.T. 0.000 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Instrument :

BNA_G

ClientSampleId :

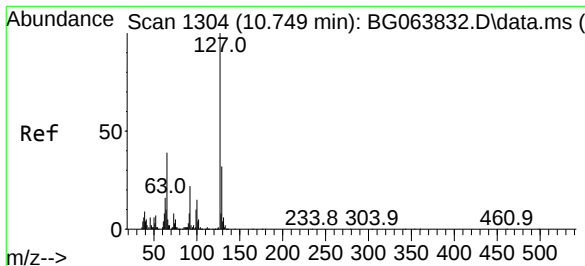
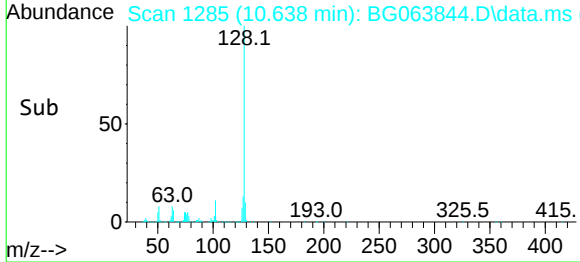
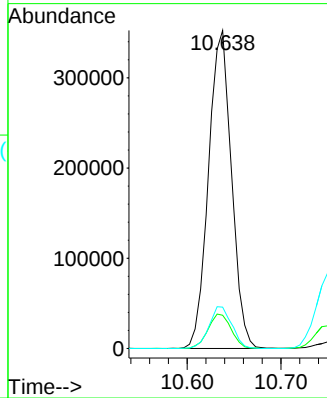
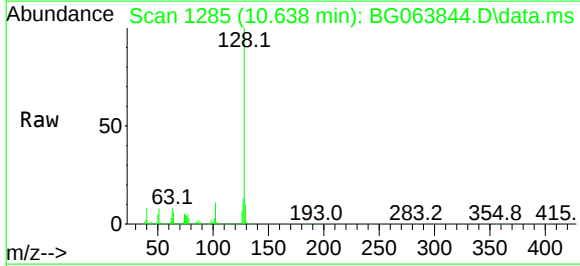
YE5X6MSD

Tgt Ion:	128	Resp:	600932
Ion Ratio	Lower	Upper	
128	100		
129	10.5	8.2	12.2
127	13.0	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#32

4-Chloroaniline

Concen: 20.729 ng/u1

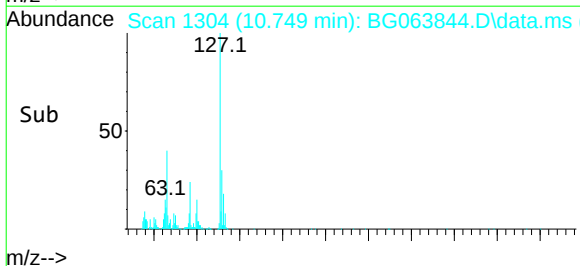
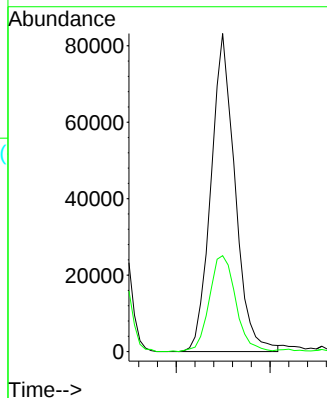
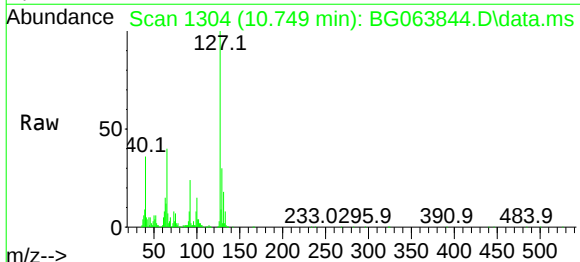
RT: 10.749 min Scan# 1304

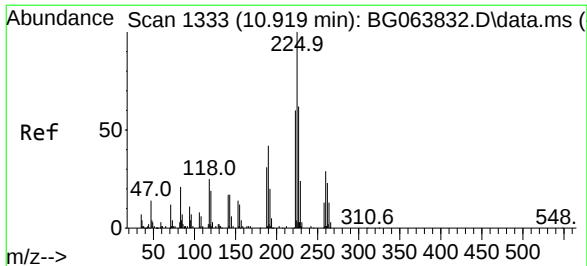
Delta R.T. 0.000 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Tgt Ion:	127	Resp:	148295
Ion Ratio	Lower	Upper	
127	100		
129	30.2	24.5	36.7





#33

Hexachlorobutadiene

Concen: 27.560 ng/u1

RT: 10.920 min Scan# 1333

Delta R.T. 0.000 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Instrument :

BNA_G

ClientSampleId :

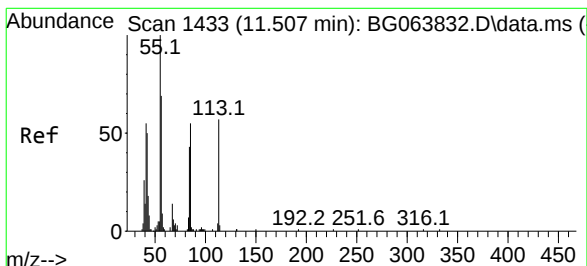
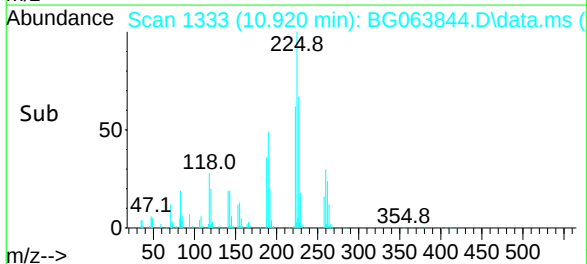
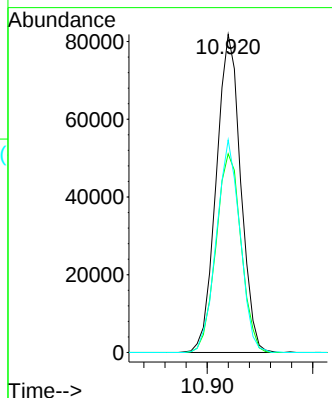
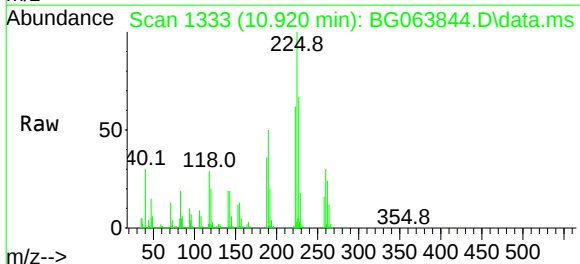
YE5X6MSD

Tgt Ion:	225	Resp:	131744
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.2	76.8
227	66.8	51.1	76.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#34

Caprolactam

Concen: 39.086 ng/u1 m

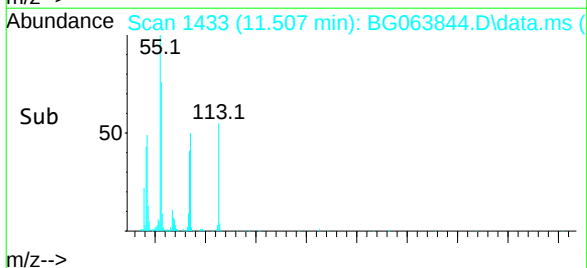
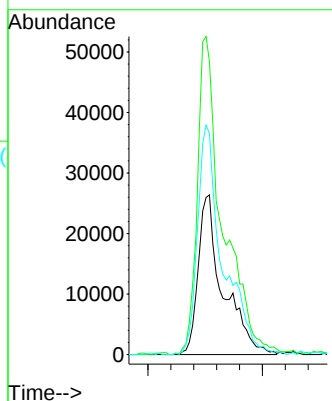
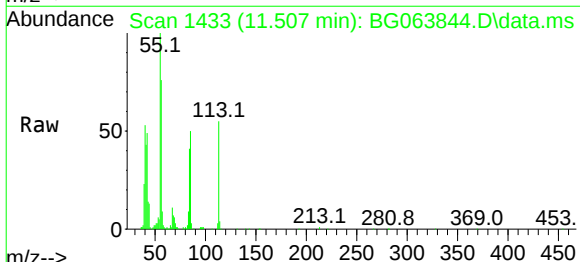
RT: 11.507 min Scan# 1433

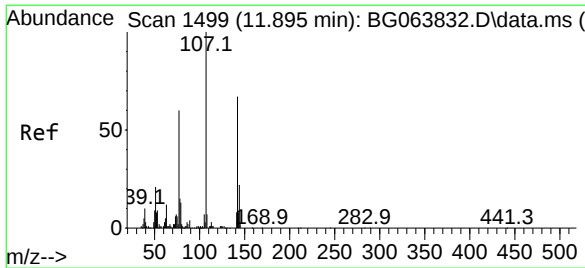
Delta R.T. 0.012 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

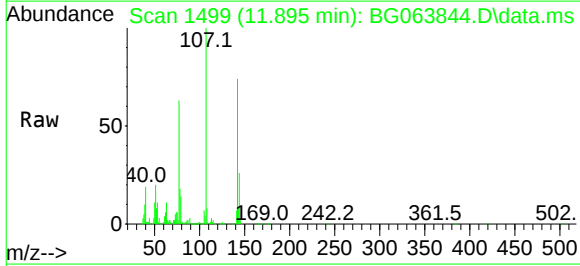
Tgt Ion:	113	Resp:	79499
Ion	Ratio	Lower	Upper
113	100		
55	183.2	162.3	243.5
56	138.4	107.1	160.7





#35
4-Chloro-3-methylphenol
Concen: 36.161 ng/ul m
RT: 11.895 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

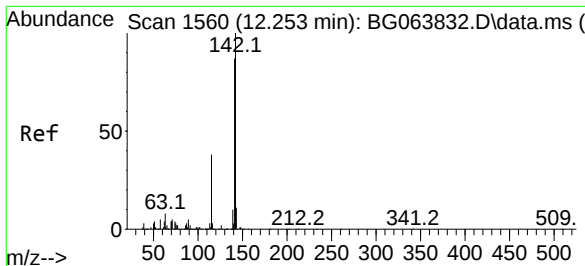
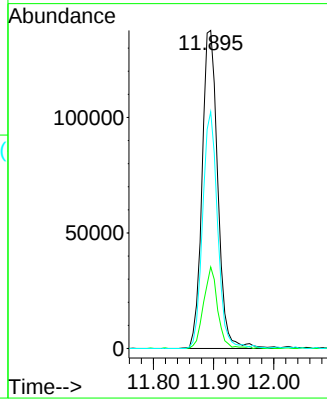
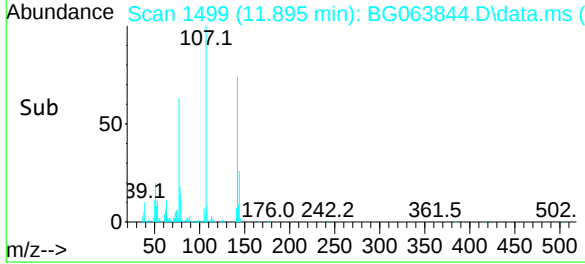
Instrument :
BNA_G
ClientSampleId :
YE5X6MSD



Tgt Ion:107 Resp: 249794
Ion Ratio Lower Upper
107 100
144 25.6 16.3 24.5#
142 74.4 55.0 82.4

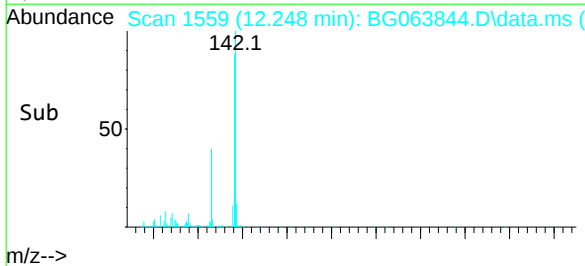
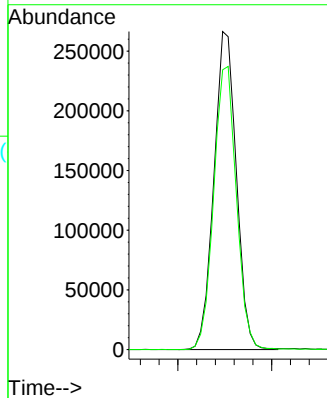
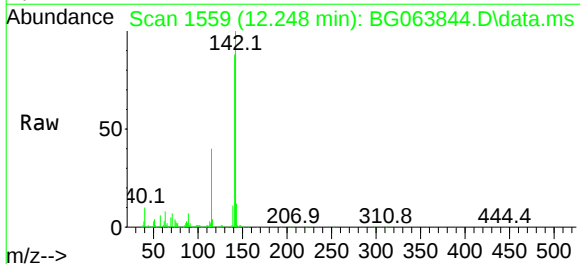
Manual Integrations
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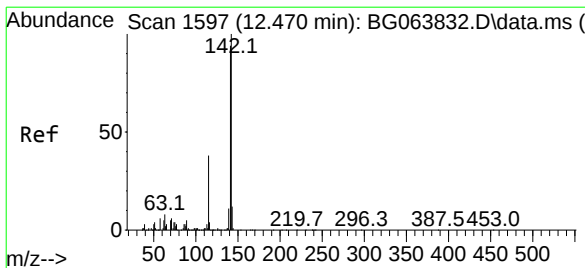
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#36
2-Methylnaphthalene
Concen: 32.223 ng/ul
RT: 12.248 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion:142 Resp: 442478
Ion Ratio Lower Upper
142 100
141 88.0 69.5 104.3





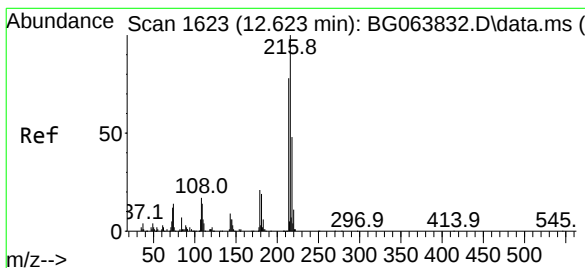
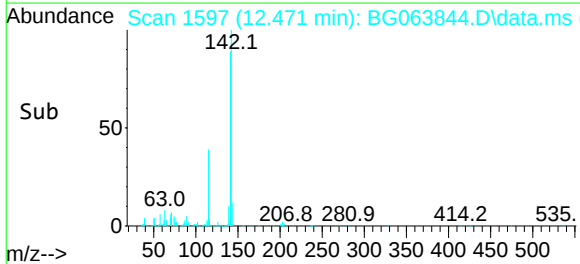
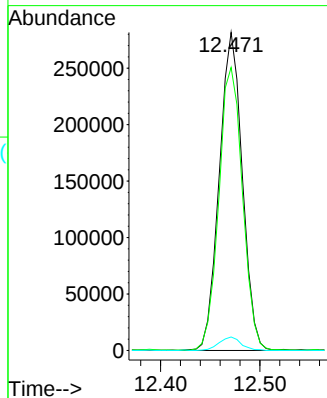
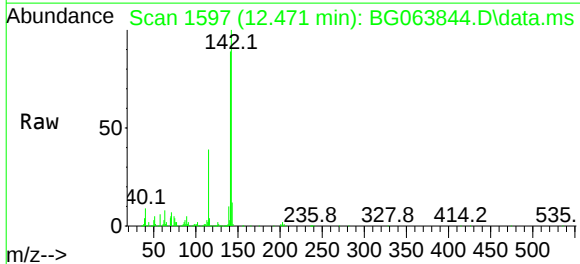
#37
1-Methylnaphthalene
Concen: 32.444 ng/u1
RT: 12.471 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Instrument :
BNA_G
ClientSampleId :
YE5X6MSD

Tgt Ion:142 Resp: 453796
Ion Ratio Lower Upper
142 100
141 89.0 73.8 110.6
116 4.3 3.5 5.3

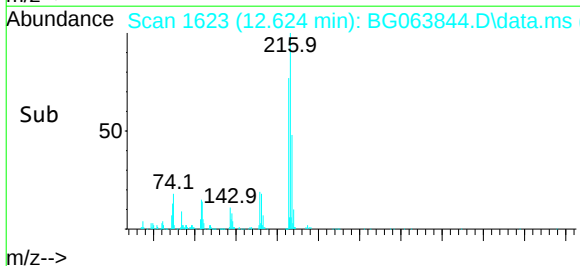
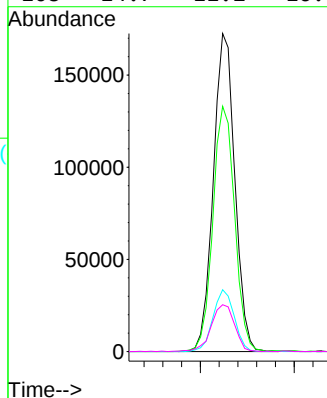
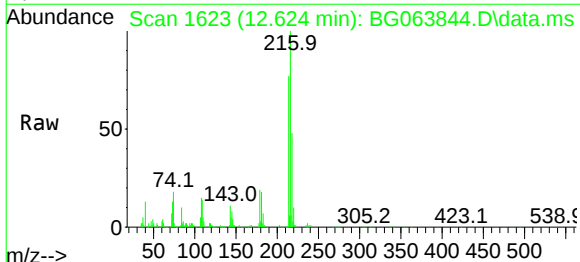
Manual Integrations
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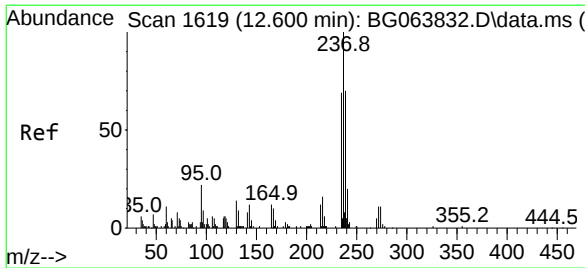
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#39
1,2,4,5-Tetrachlorobenzene
Concen: 27.555 ng/u1
RT: 12.624 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

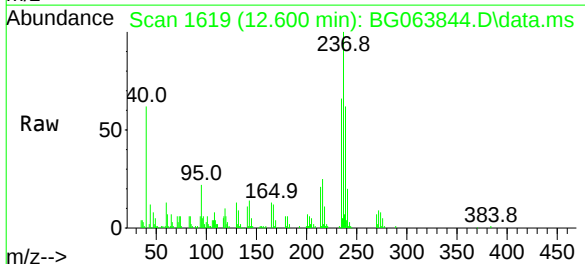
Tgt Ion:216 Resp: 274499
Ion Ratio Lower Upper
216 100
214 77.1 62.6 93.8
179 19.5 16.5 24.7
108 14.7 11.2 16.8





#40
Hexachlorocyclopentadiene
Concen: 13.925 ng/ul
RT: 12.600 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

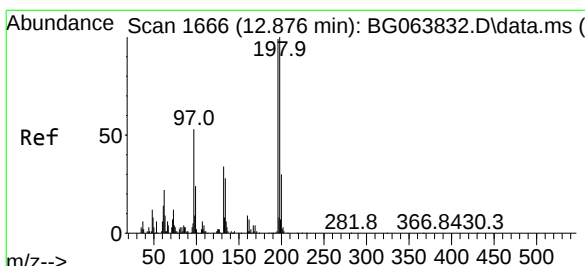
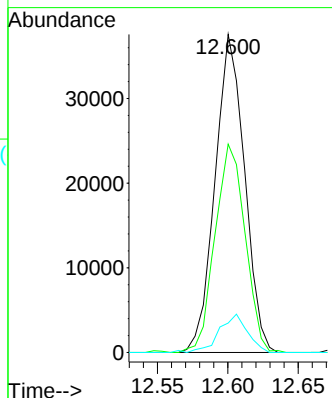
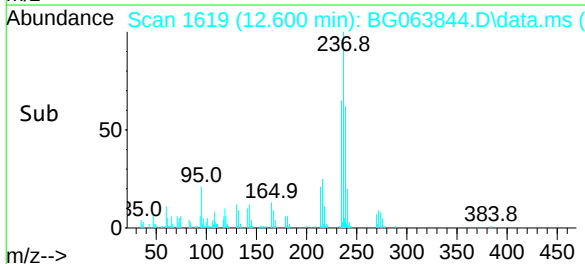
Instrument :
BNA_G
ClientSampleId :
YE5X6MSD



Tgt Ion:	237	Resp:	54838
Ion Ratio	Lower	Upper	
237	100		
235	65.5	51.0	76.6
272	9.2	9.7	14.5

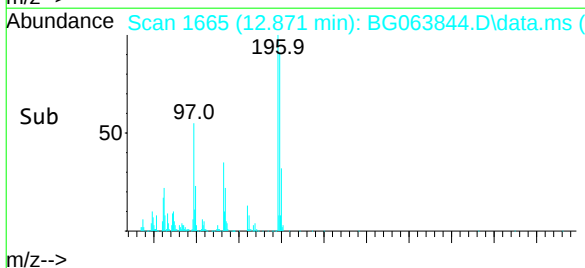
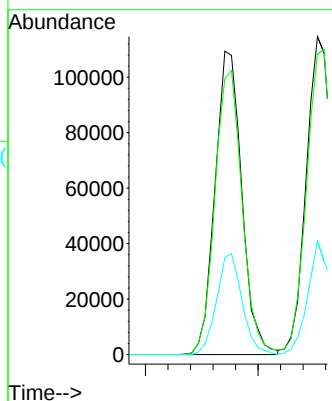
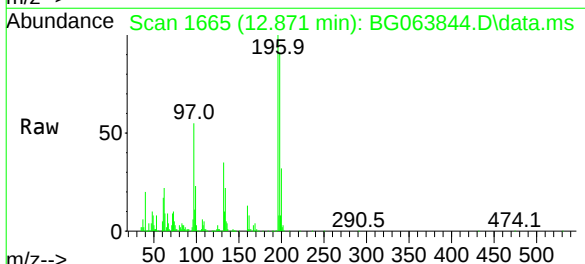
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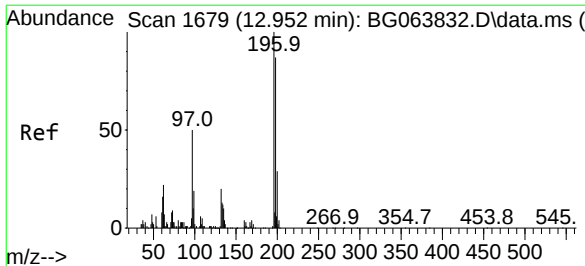
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#41
2,4,6-Trichlorophenol
Concen: 32.165 ng/ul
RT: 12.871 min Scan# 1665
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion:	196	Resp:	181102
Ion Ratio	Lower	Upper	
196	100		
198	91.0	72.4	108.6
200	32.0	22.5	33.7





#42

2,4,5-Trichlorophenol

Concen: 33.828 ng/u1 m

RT: 12.953 min Scan# 16

Delta R.T. 0.000 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Instrument :

BNA_G

ClientSampleId :

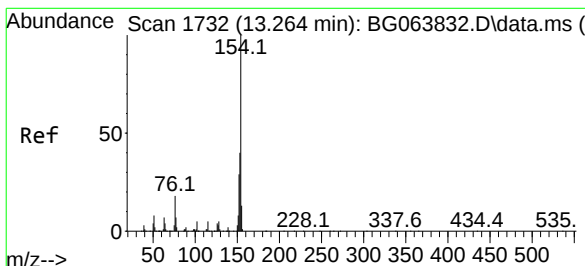
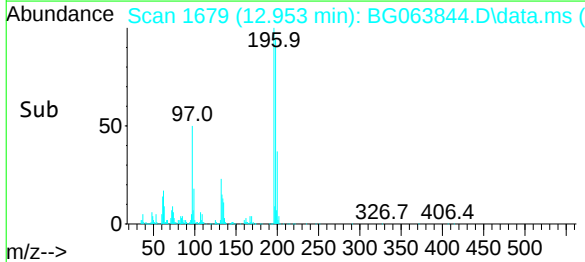
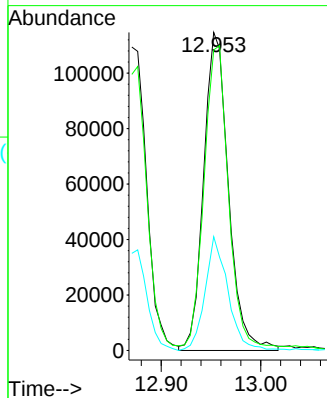
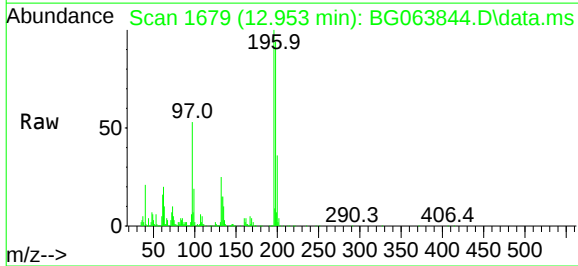
YE5X6MSD

Tgt Ion:	196	Resp:	198777
Ion Ratio	Lower	Upper	
196	100		
198	94.5	74.2	111.4
200	35.8	23.5	35.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#43

1,1'-Biphenyl

Concen: 30.921 ng/u1

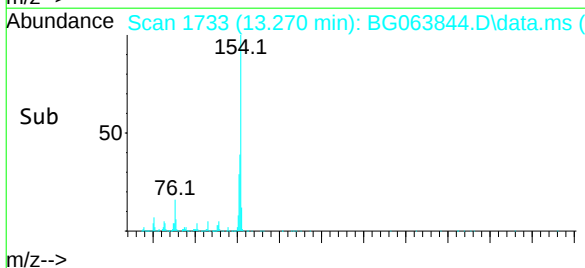
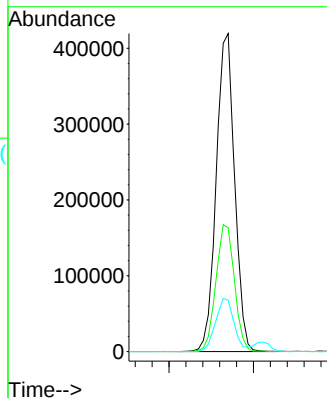
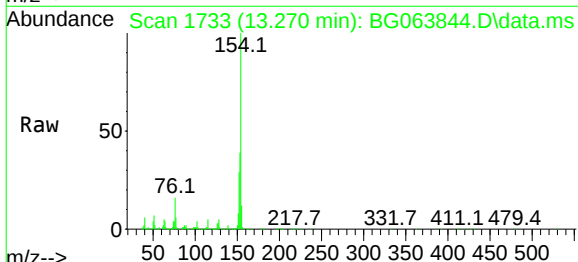
RT: 13.270 min Scan# 1733

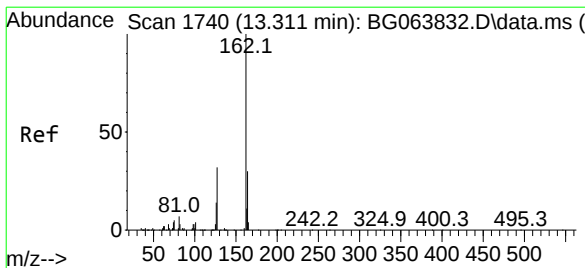
Delta R.T. 0.006 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

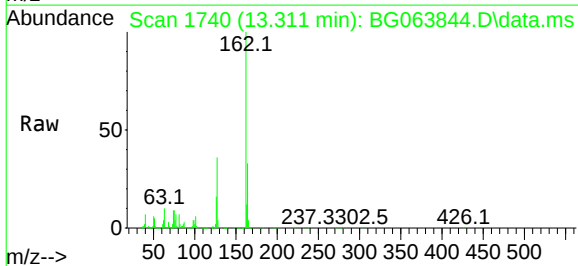
Tgt Ion:	154	Resp:	634577
Ion Ratio	Lower	Upper	
154	100		
153	38.9	35.1	52.7
76	16.2	13.4	20.2





#44
2-Chloronaphthalene
Concen: 30.241 ng/ul
RT: 13.311 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

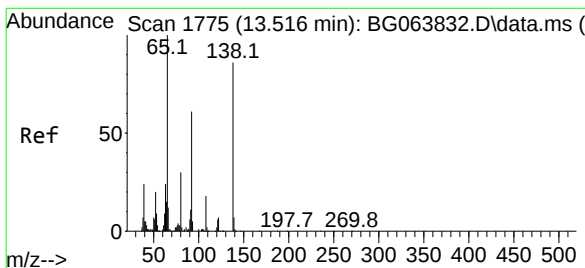
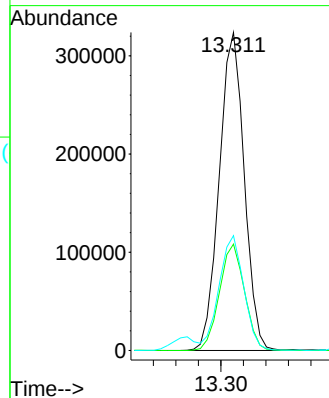
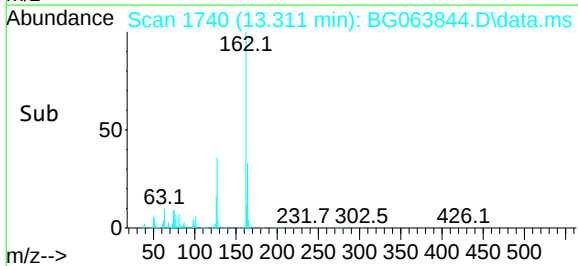
Instrument :
BNA_G
ClientSampleId :
YE5X6MSD



Tgt Ion:	162	Resp:	498362
Ion	Ratio	Lower	Upper
162	100		
164	33.5	25.2	37.8
127	36.1	29.2	43.8

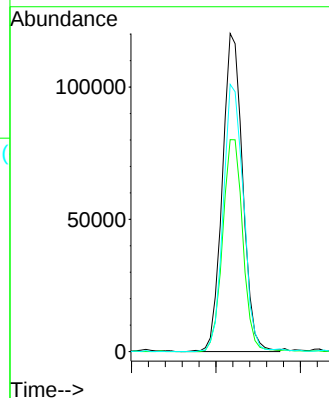
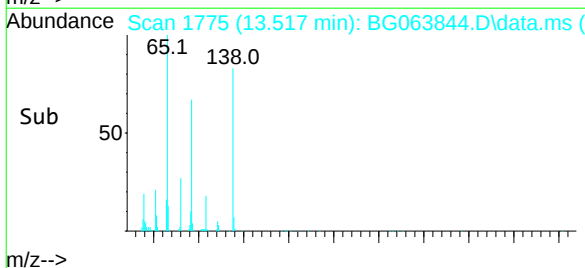
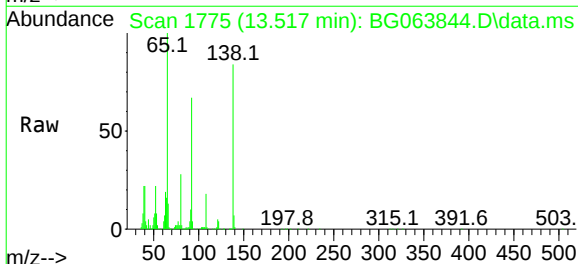
Manual Integrations
APPROVED

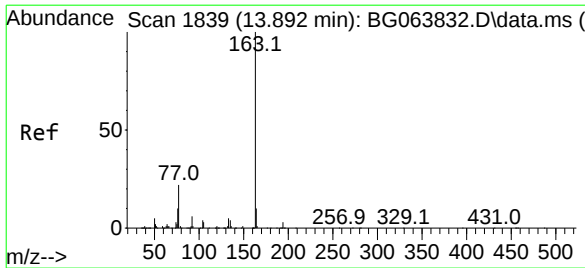
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#45
2-Nitroaniline
Concen: 36.415 ng/ul
RT: 13.517 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion:	65	Resp:	201012
Ion	Ratio	Lower	Upper
65	100		
92	66.6	49.5	74.3
138	84.0	61.8	92.8





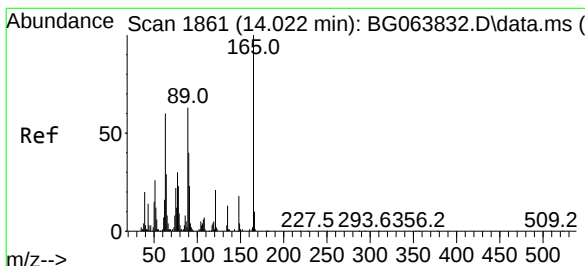
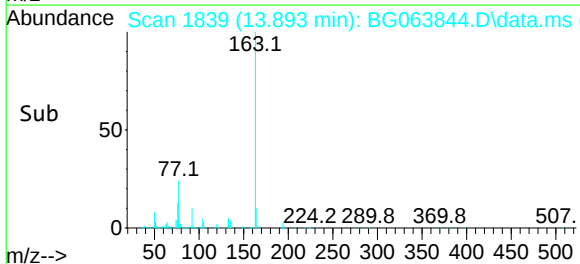
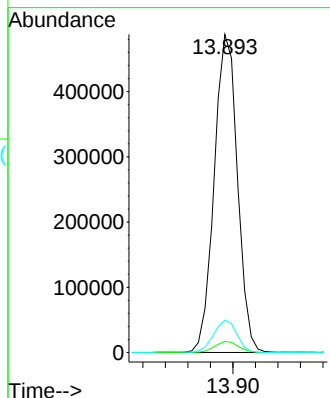
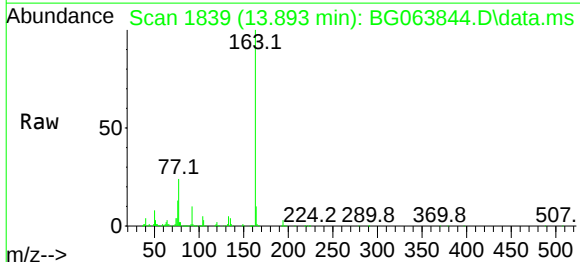
#47
Dimethylphthalate
Concen: 32.973 ng/ul
RT: 13.893 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Instrument :
BNA_G
ClientSampleId :
YE5X6MSD

Tgt Ion:	163	Resp:	699739
Ion Ratio	Lower	Upper	
163	100		
194	3.4	3.0	4.4
164	10.2	8.8	13.2

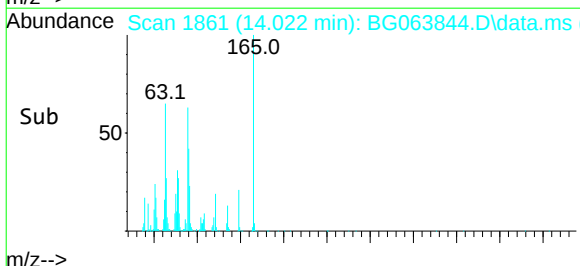
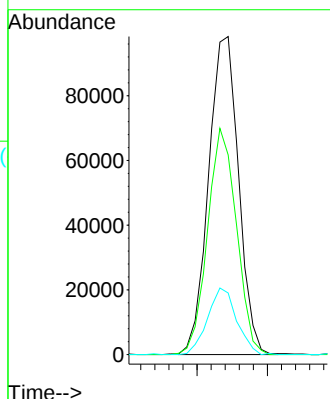
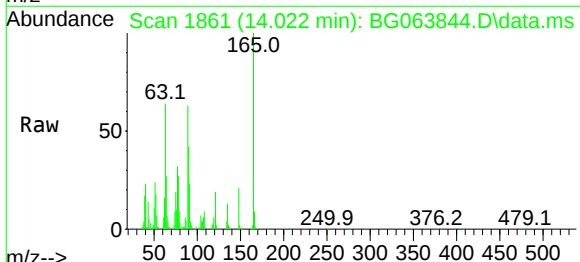
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APPROVED

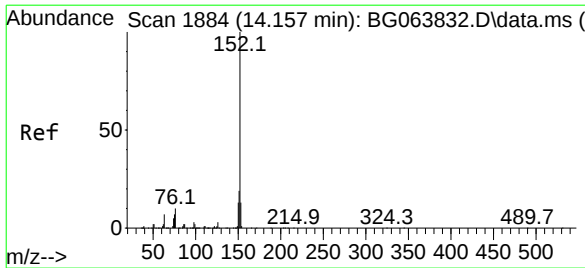
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#48
2,6-Dinitrotoluene
Concen: 37.007 ng/ul
RT: 14.022 min Scan# 1861
Delta R.T. 0.006 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

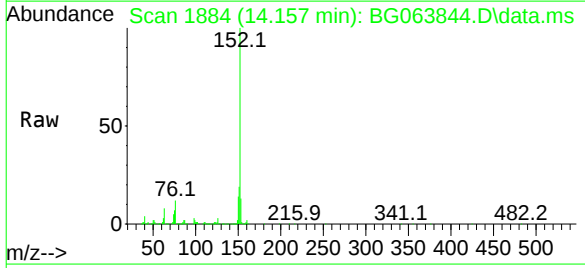
Tgt Ion:	165	Resp:	145856
Ion Ratio	Lower	Upper	
165	100		
89	62.8	59.4	89.2
121	19.4	20.8	31.2





#50
Acenaphthylene
Concen: 32.149 ng/ul
RT: 14.157 min Scan# 1884
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

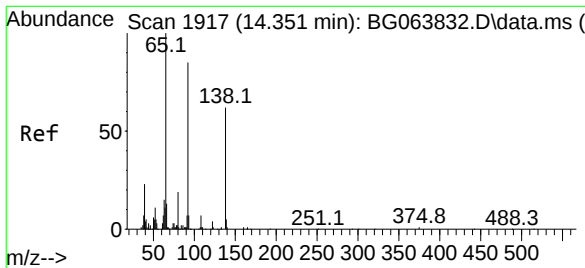
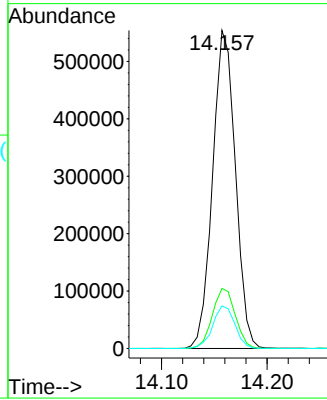
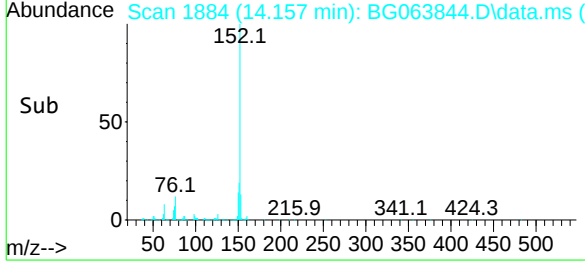
Instrument :
BNA_G
ClientSampleId :
YE5X6MSD



Tgt Ion:152 Resp: 832086
Ion Ratio Lower Upper
152 100
151 18.9 14.6 22.0
153 13.4 10.0 15.0

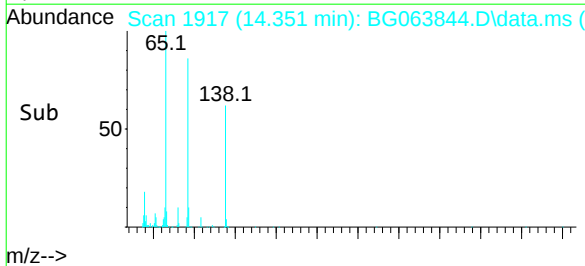
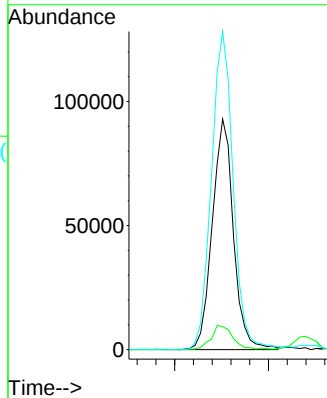
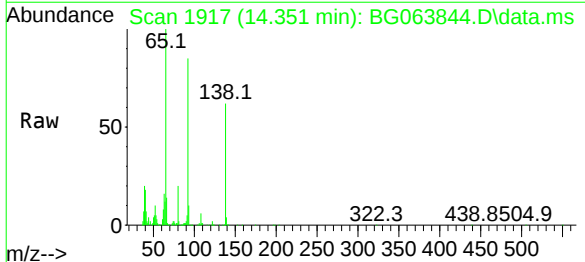
Manual Integrations
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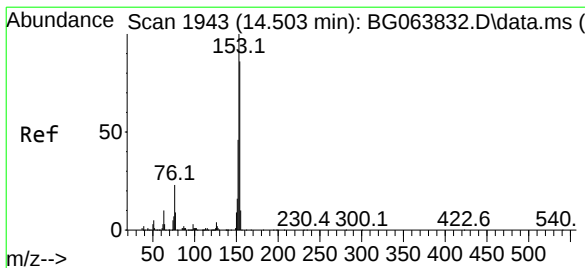
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#51
3-Nitroaniline
Concen: 39.964 ng/ul
RT: 14.351 min Scan# 1917
Delta R.T. 0.006 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion:138 Resp: 145627
Ion Ratio Lower Upper
138 100
108 10.0 8.4 12.6
92 137.9 120.4 180.6





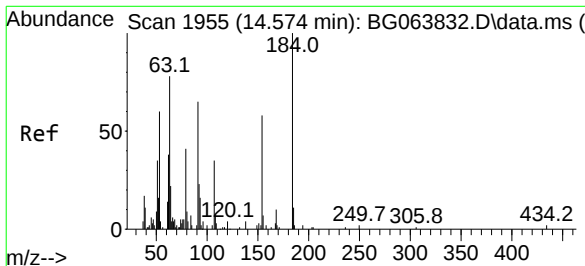
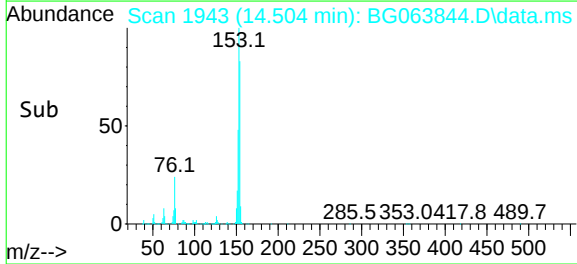
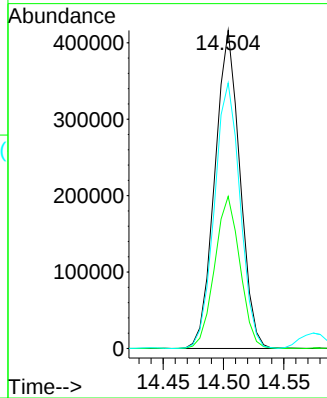
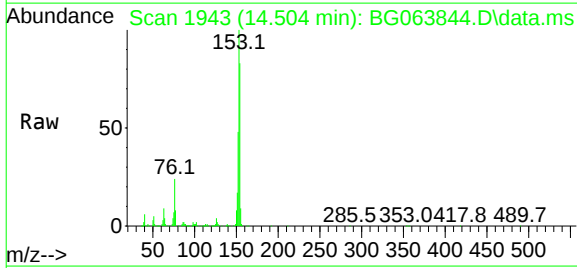
#52
Acenaphthene
Concen: 32.836 ng/u1
RT: 14.504 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Instrument :
BNA_G
ClientSampleId :
YE5X6MSD

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.8	40.2	60.4
154	83.5	70.8	106.2

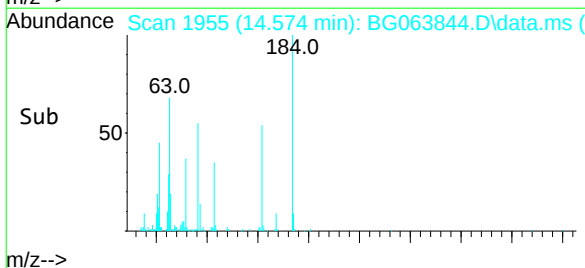
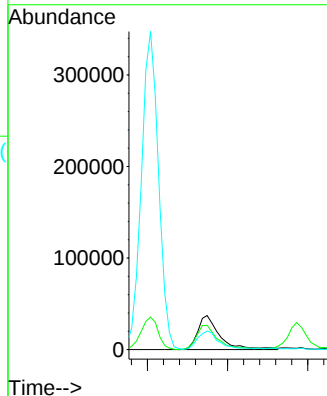
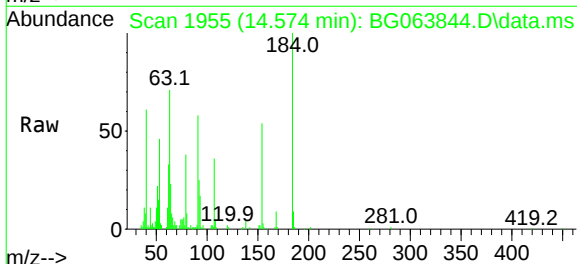
Manual Integrations
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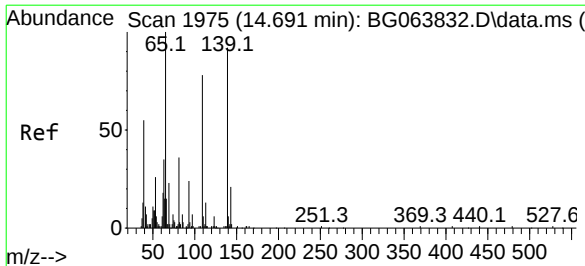
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#53
2,4-Dinitrophenol
Concen: 34.968 ng/u1 m
RT: 14.574 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

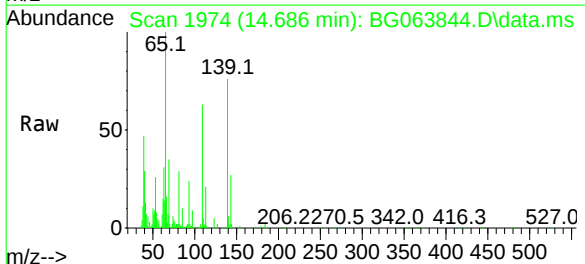
Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.4	52.1	78.1
154	54.2	47.8	71.6





#55
4-Nitrophenol
Concen: 31.594 ng/ul
RT: 14.686 min Scan# 1975
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

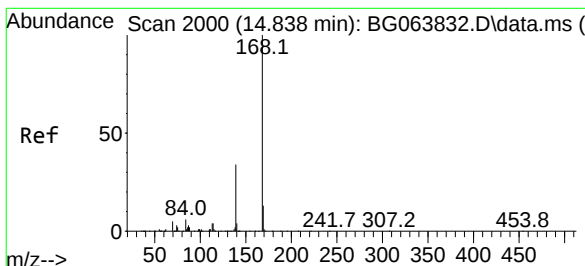
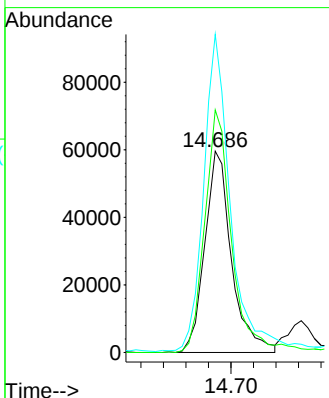
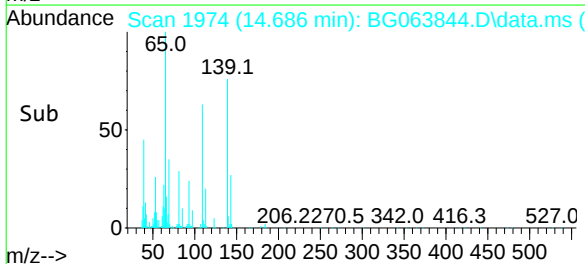
Instrument :
BNA_G
ClientSampleId :
YE5X6MSD



Tgt Ion:109 Resp: 98427
Ion Ratio Lower Upper
109 100
139 120.5 86.4 129.6
65 158.0 127.0 190.4

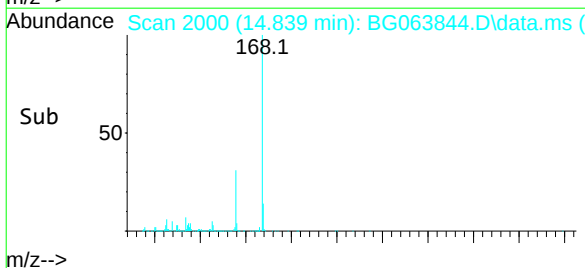
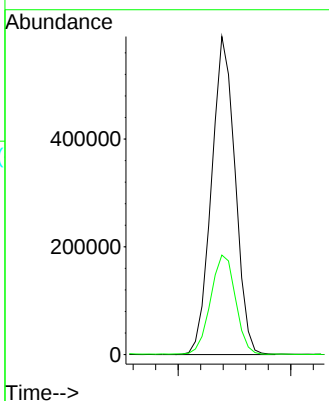
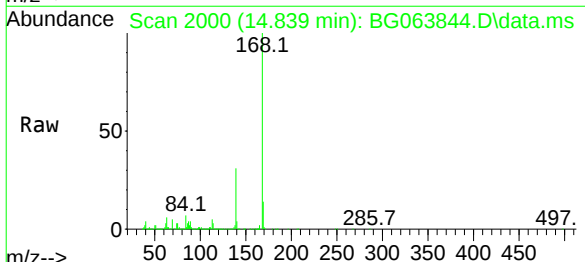
Manual Integrations
APPROVED

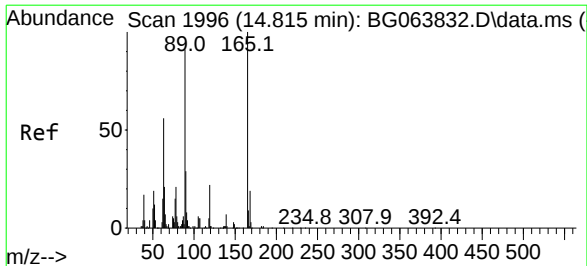
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#56
Dibenzofuran
Concen: 33.287 ng/ul
RT: 14.839 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion:168 Resp: 860896
Ion Ratio Lower Upper
168 100
139 31.3 27.8 41.8





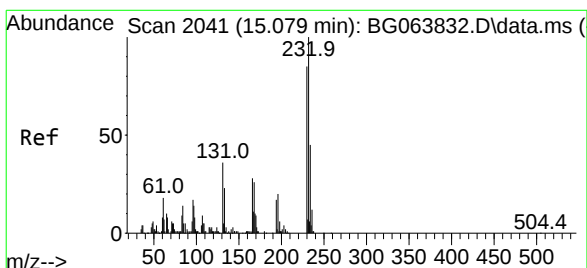
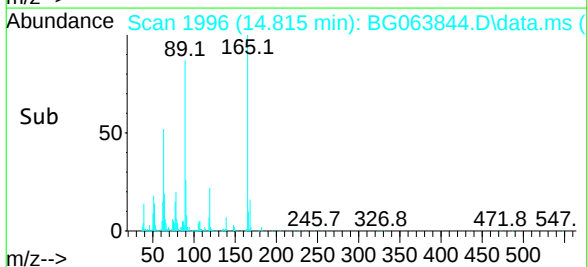
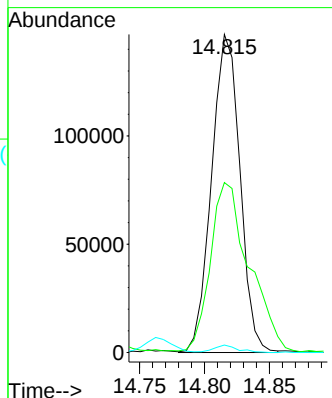
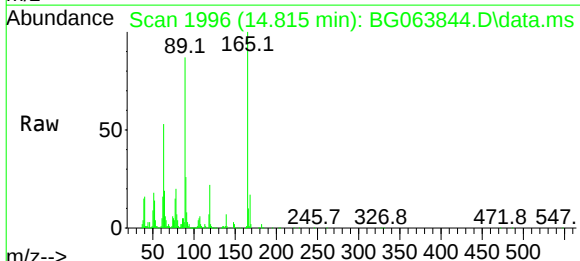
#57
2,4-Dinitrotoluene
Concen: 38.141 ng/ul
RT: 14.815 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Instrument :
BNA_G
ClientSampleId :
YE5X6MSD

Tgt Ion:	165	Resp:	223368
Ion Ratio	Lower	Upper	
165	100		
63	53.4	45.0	67.4
182	2.5	1.8	2.8

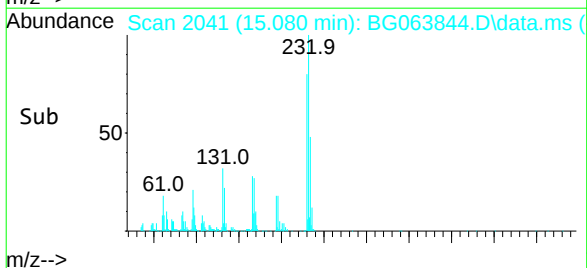
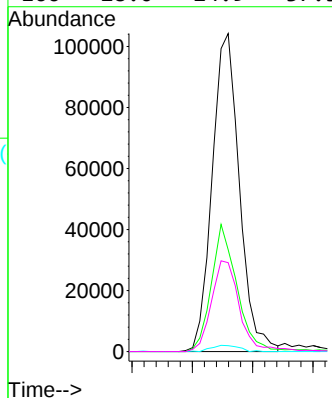
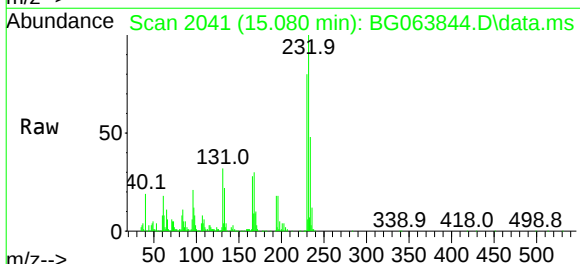
Manual Integrations
APPROVED

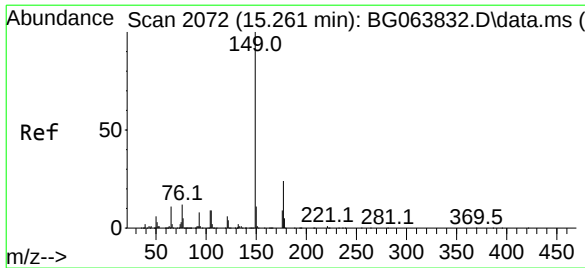
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 32.237 ng/ul
RT: 15.080 min Scan# 2041
Delta R.T. 0.006 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion:	232	Resp:	163283
Ion Ratio	Lower	Upper	
232	100		
131	32.0	30.3	45.5
130	1.9	1.8	2.6
166	28.0	24.9	37.3





#59

Diethylphthalate

Concen: 34.044 ng/u1

RT: 15.262 min Scan# 2072

Delta R.T. 0.000 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Instrument :

BNA_G

ClientSampleId :

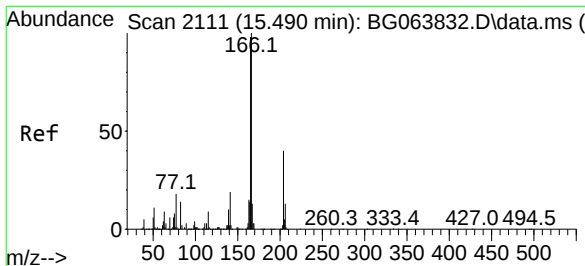
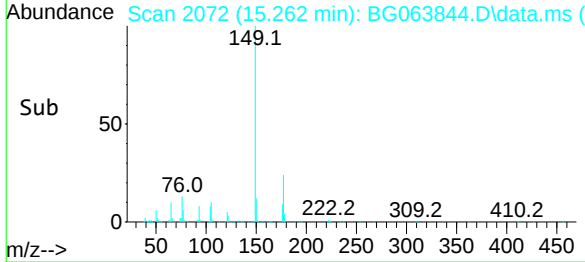
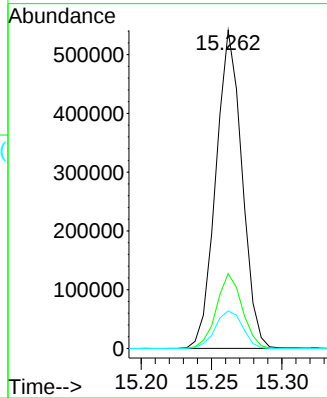
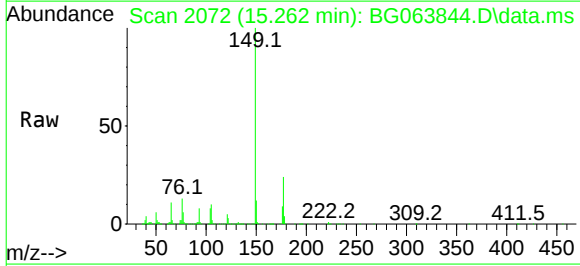
YE5X6MSD

Tgt Ion:	149	Resp:	698436
Ion	Ratio	Lower	Upper
149	100		
177	23.5	17.6	26.4
150	11.8	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#61

Fluorene

Concen: 34.186 ng/u1

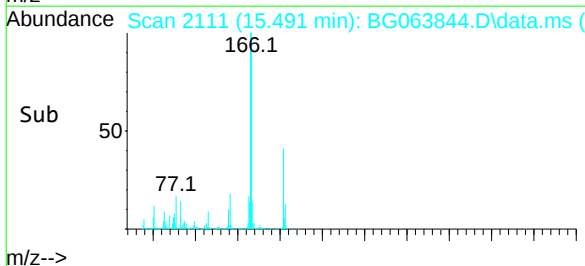
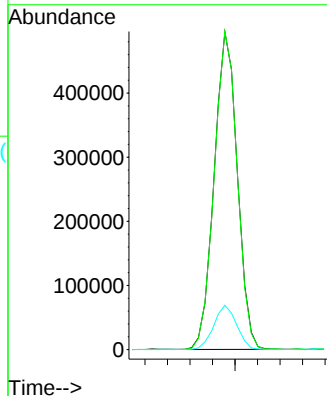
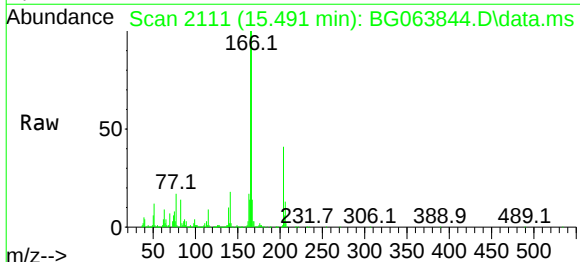
RT: 15.491 min Scan# 2111

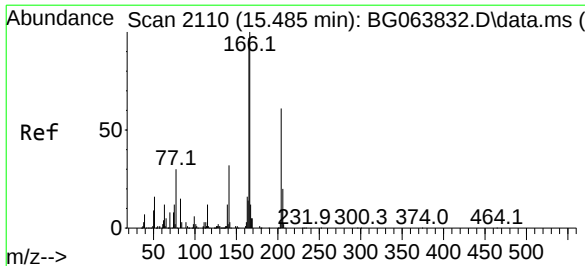
Delta R.T. 0.000 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Tgt Ion:	166	Resp:	705991
Ion	Ratio	Lower	Upper
166	100		
165	100.1	81.9	122.9
167	13.9	11.4	17.0





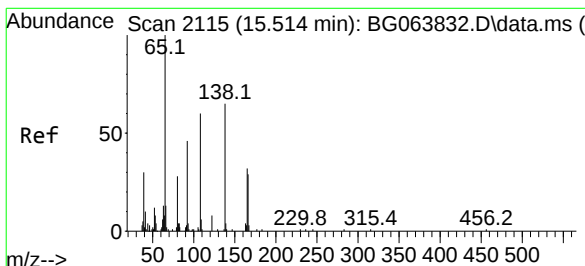
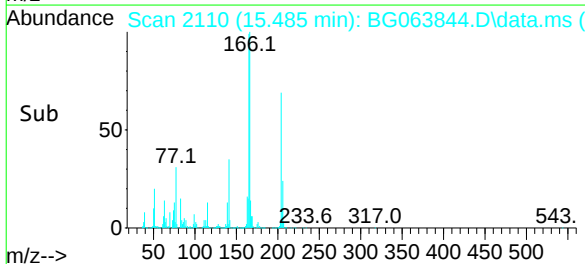
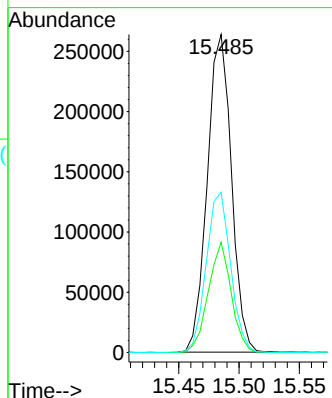
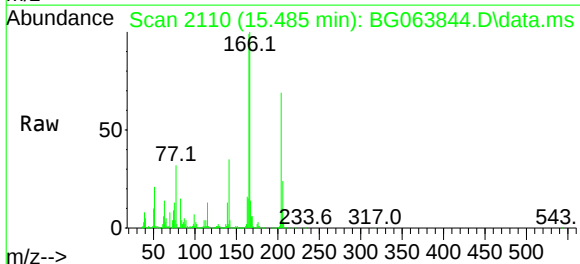
#62
4-Chlorophenyl-phenylether
Concen: 31.981 ng/ul
RT: 15.485 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Instrument :
BNA_G
ClientSampleId :
YE5X6MSD

Tgt Ion:204 Resp: 367956
Ion Ratio Lower Upper
204 100
206 34.7 25.6 38.4
141 50.4 42.3 63.5

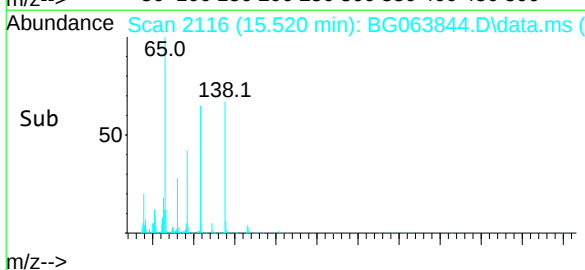
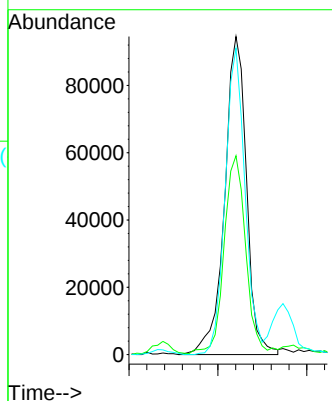
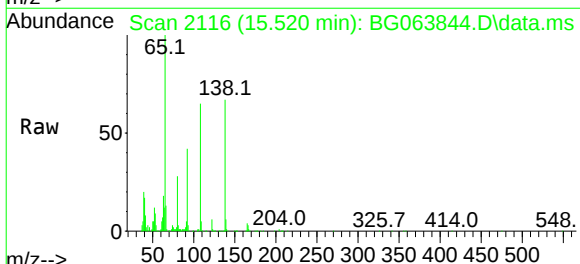
Manual Integrations
APPROVED

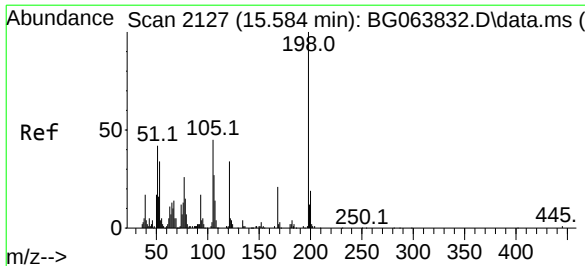
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#63
4-Nitroaniline
Concen: 44.400 ng/ul
RT: 15.520 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion:138 Resp: 161974
Ion Ratio Lower Upper
138 100
92 62.5 53.2 79.8
108 96.3 79.4 119.0





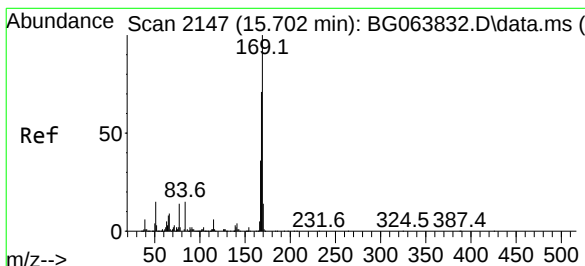
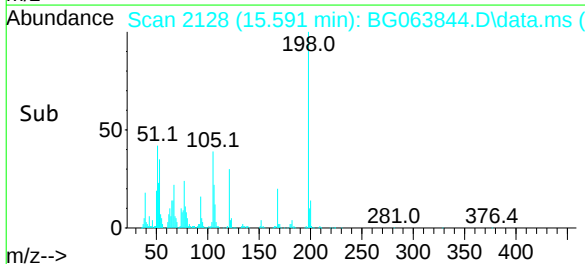
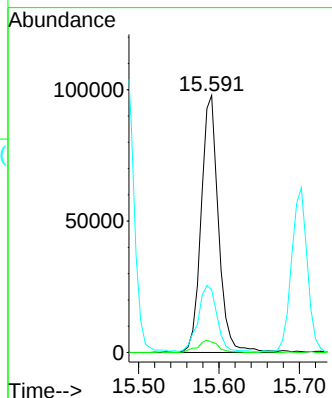
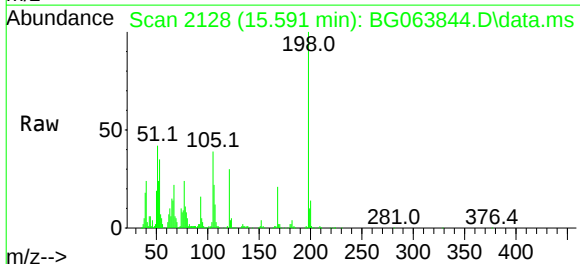
#66
4,6-Dinitro-2-methylphenol
Concen: 36.513 ng/ul
RT: 15.591 min Scan# 2128
Delta R.T. 0.006 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Instrument :
BNA_G
ClientSampleId :
YE5X6MSD

Tgt Ion:198 Resp: 146420
Ion Ratio Lower Upper
198 100
182 4.1 3.4 5.2
77 24.4 25.2 37.8#

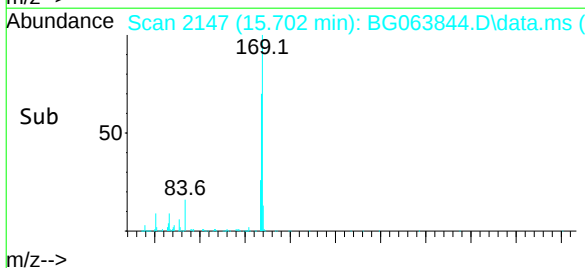
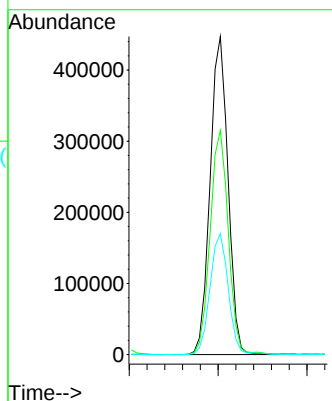
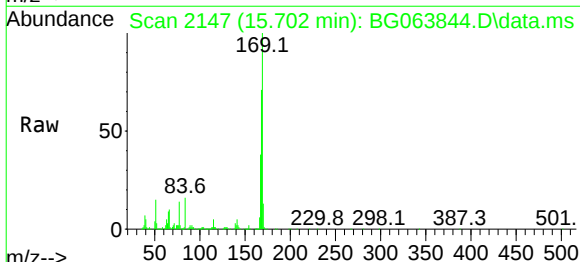
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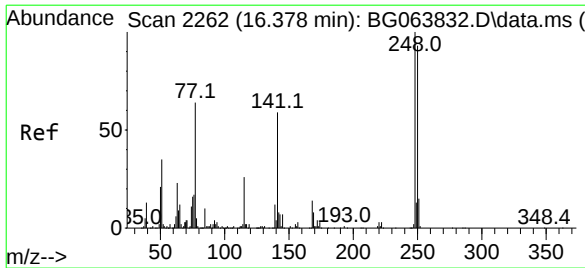
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#67
N-Nitrosodiphenylamine
Concen: 34.510 ng/ul
RT: 15.702 min Scan# 2147
Delta R.T. 0.006 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion:169 Resp: 626499
Ion Ratio Lower Upper
169 100
168 70.5 54.0 81.0
167 38.0 29.8 44.8





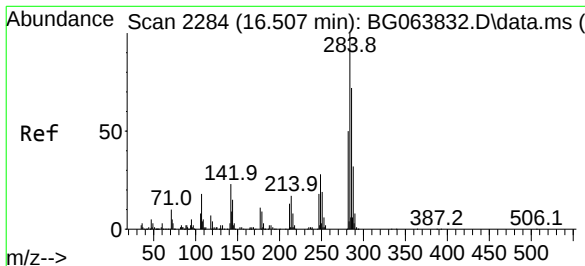
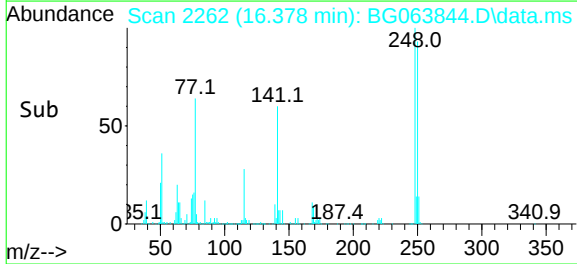
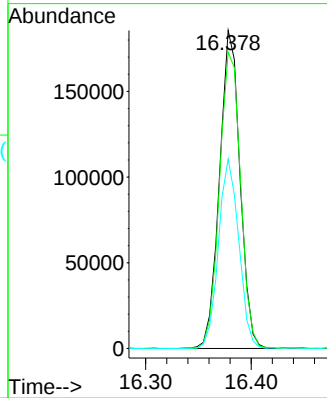
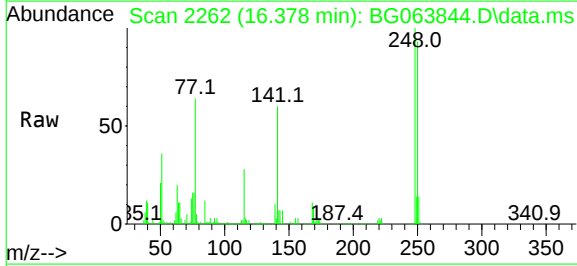
#68
4-Bromophenyl-phenylether
Concen: 32.681 ng/u1
RT: 16.378 min Scan# 2262
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Instrument :
BNA_G
ClientSampleId :
YE5X6MSD

Tgt Ion:248 Resp: 249701
Ion Ratio Lower Upper
248 100
250 93.2 76.1 114.1
141 59.6 46.0 69.0

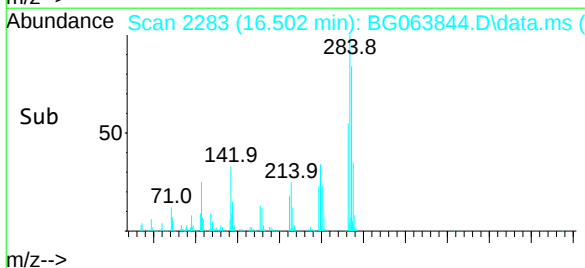
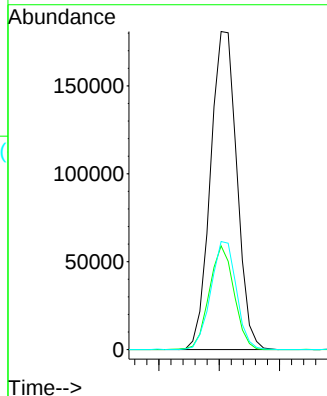
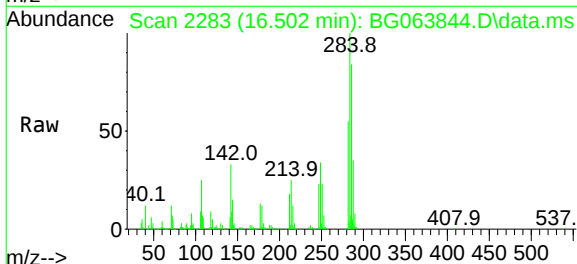
Manual Integrations
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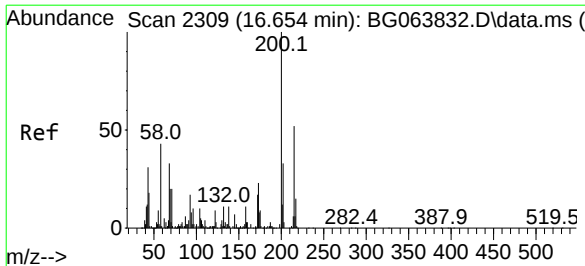
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#69
Hexachlorobenzene
Concen: 32.148 ng/u1
RT: 16.502 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion:284 Resp: 275198
Ion Ratio Lower Upper
284 100
142 32.6 23.9 35.9
249 34.0 24.6 36.8





#70

Atrazine

Concen: 33.941 ng/u1

RT: 16.654 min Scan# 2309

Delta R.T. 0.000 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Instrument :

BNA_G

ClientSampleId :

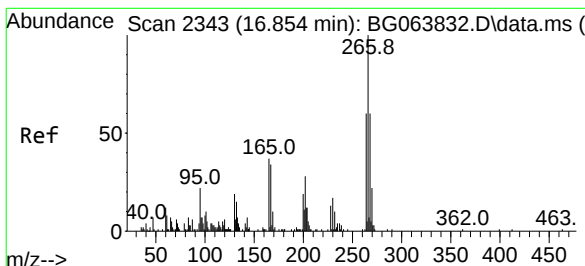
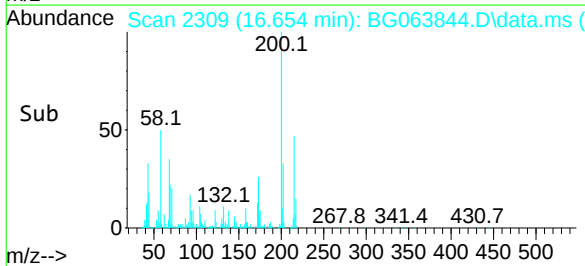
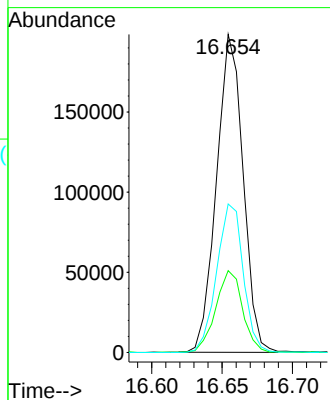
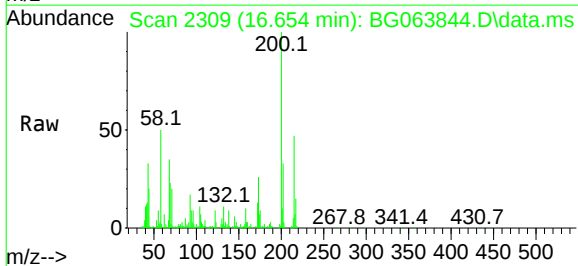
YE5X6MSD

Tgt	Ion:200	Resp:	260470
Ion	Ratio	Lower	Upper
200	100		
173	25.7	21.3	31.9
215	46.7	37.8	56.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#71

Pentachlorophenol

Concen: 27.597 ng/u1

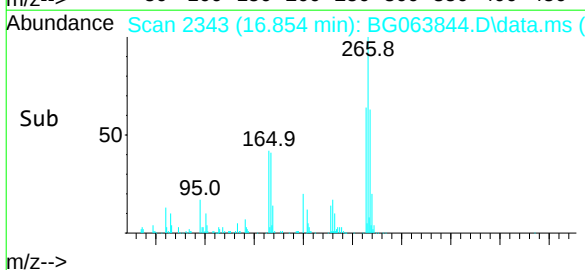
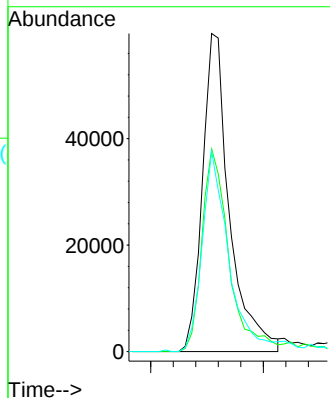
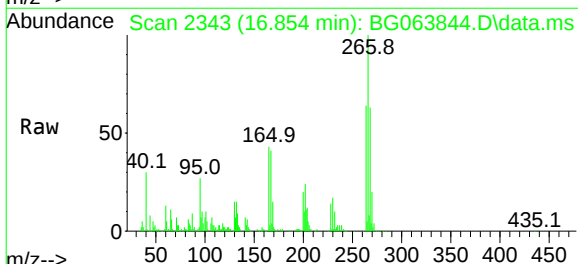
RT: 16.854 min Scan# 2343

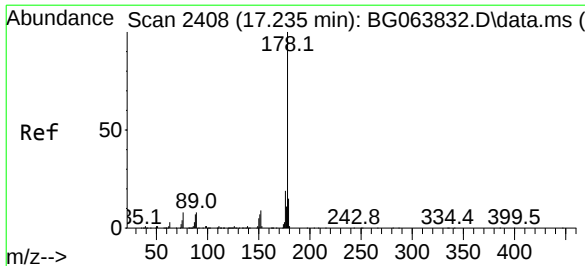
Delta R.T. 0.000 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Tgt	Ion:266	Resp:	99605
Ion	Ratio	Lower	Upper
266	100		
264	63.7	49.3	73.9
268	62.9	50.5	75.7





#72

Phenanthrene

Concen: 35.304 ng/u1

RT: 17.236 min Scan# 2408

Delta R.T. 0.006 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Instrument :

BNA_G

ClientSampleId :

YE5X6MSD

Tgt Ion:178 Resp: 1275450

Ion Ratio Lower Upper

178 100

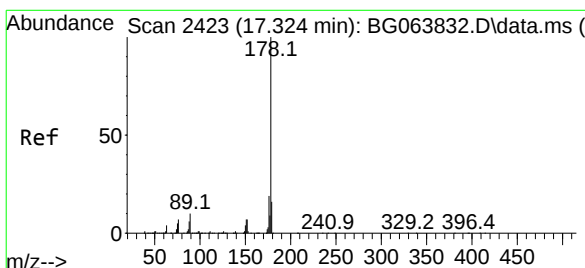
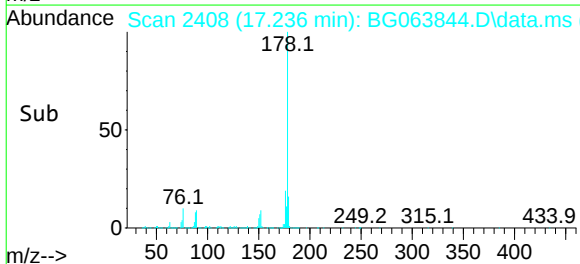
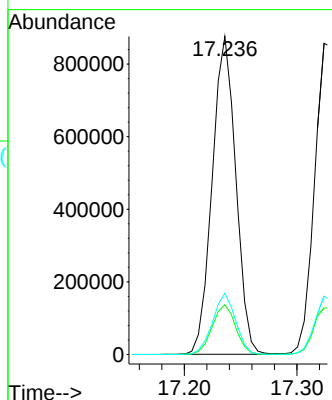
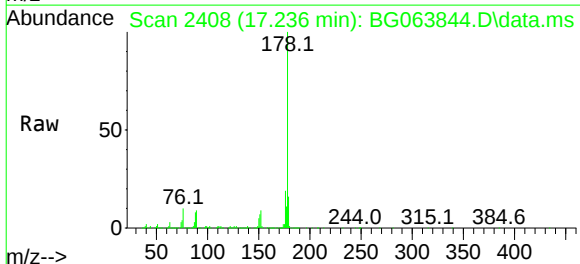
179 15.7 12.2 18.2

176 19.3 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#74

Anthracene

Concen: 35.505 ng/u1

RT: 17.324 min Scan# 2423

Delta R.T. 0.000 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

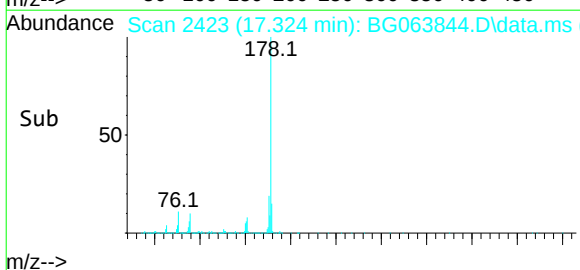
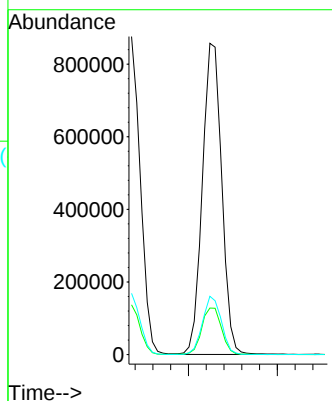
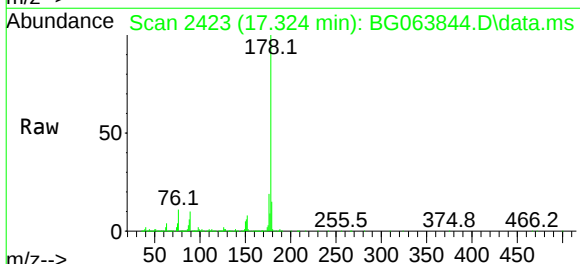
Tgt Ion:178 Resp: 1298273

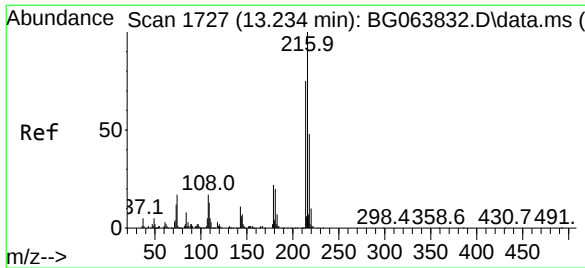
Ion Ratio Lower Upper

178 100

179 14.9 12.4 18.6

176 18.7 14.4 21.6





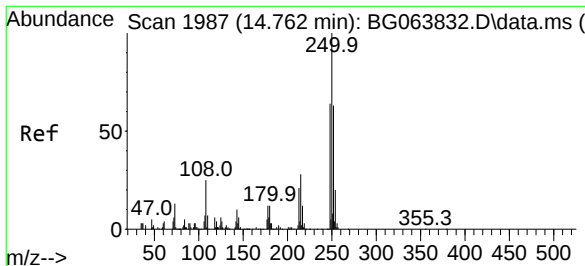
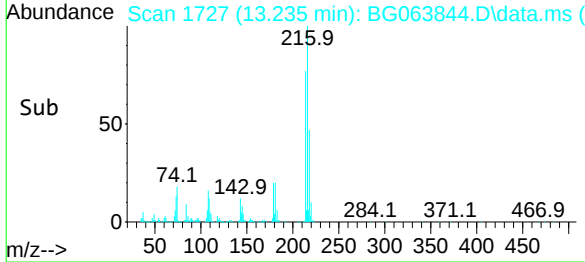
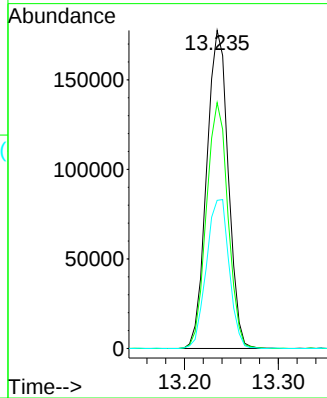
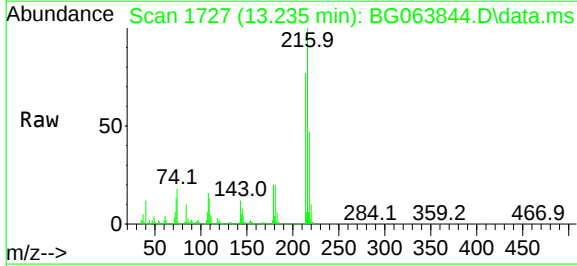
#75
1,2,3,4-Tetrachlorobenzene
Concen: 28.426 ng/u1
RT: 13.235 min Scan# 1727
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Instrument :
BNA_G
ClientSampleId :
YE5X6MSD

Tgt Ion:	216	Resp:	284338
Ion Ratio	Lower	Upper	
216	100		
214	77.3	60.2	90.4
218	46.6	37.6	56.4

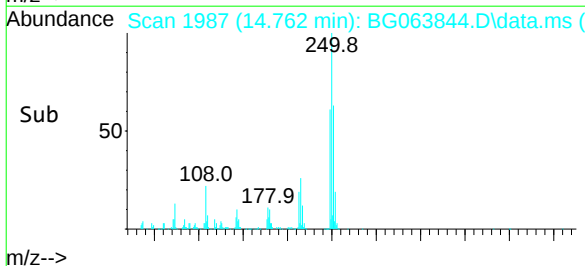
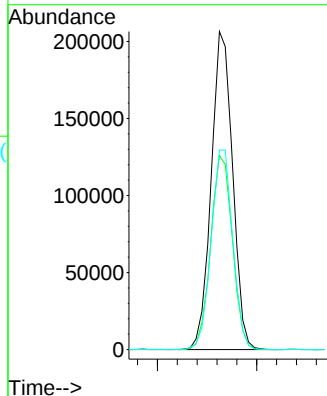
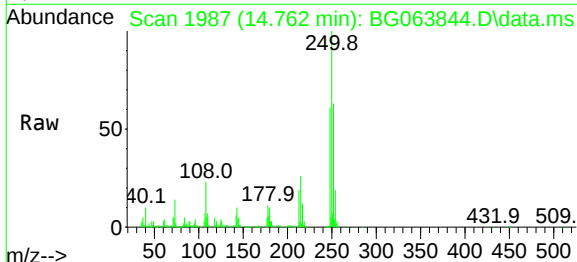
Manual Integrations
APPROVED

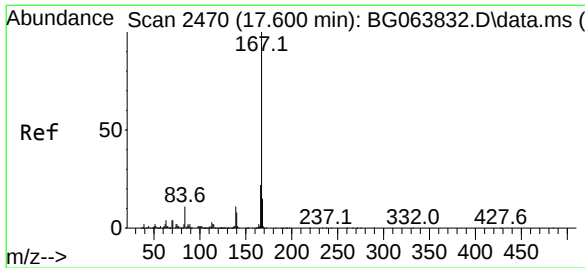
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#76
Pentachlorobenzene
Concen: 31.144 ng/u1
RT: 14.762 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion:	250	Resp:	308614
Ion Ratio	Lower	Upper	
250	100		
248	61.0	49.8	74.8
252	62.7	50.4	75.6





#77

Carbazole

Concen: 38.080 ng/ul

RT: 17.600 min Scan# 2470

Delta R.T. 0.006 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Instrument :

BNA_G

ClientSampleId :

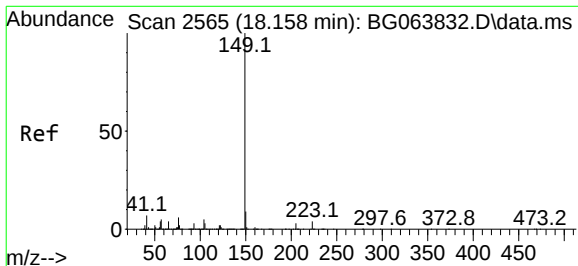
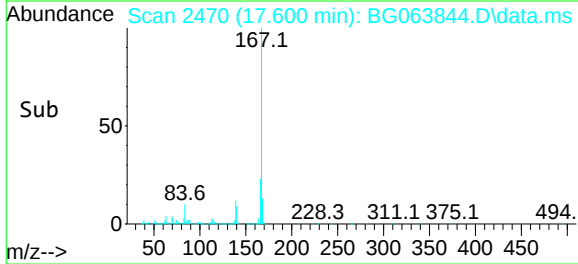
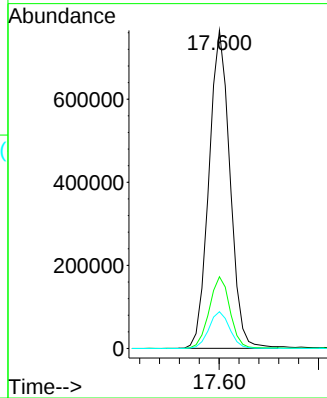
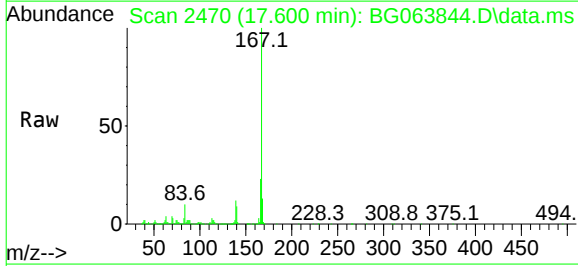
YE5X6MSD

Tgt Ion:	167	Resp:	1127141
Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.4
139	11.6	10.1	15.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#78

Di-n-butylphthalate

Concen: 35.789 ng/ul

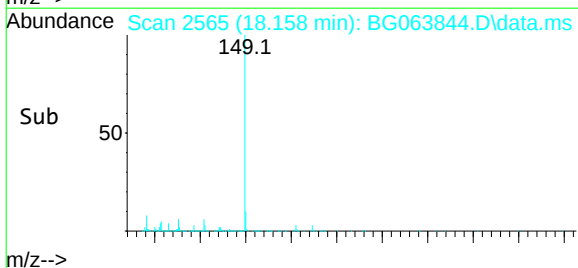
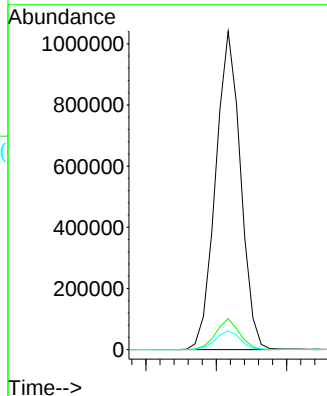
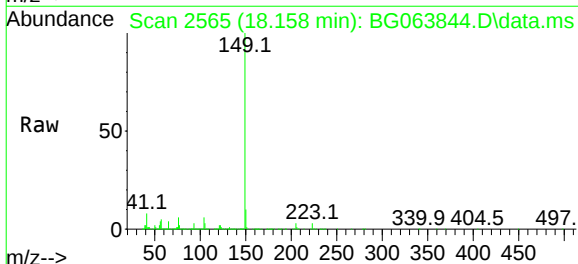
RT: 18.158 min Scan# 2565

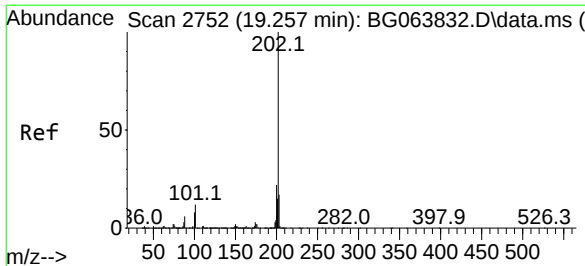
Delta R.T. 0.006 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Tgt Ion:	149	Resp:	1279348
Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.2	10.8
104	5.9	5.4	8.0





#80

Fluoranthene

Concen: 33.375 ng/u1

RT: 19.257 min Scan# 27

Delta R.T. 0.006 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Instrument :

BNA_G

ClientSampleId :

YE5X6MSD

Tgt Ion:202 Resp: 1544608

Ion Ratio Lower Upper

202 100

101 11.1 8.1 12.1

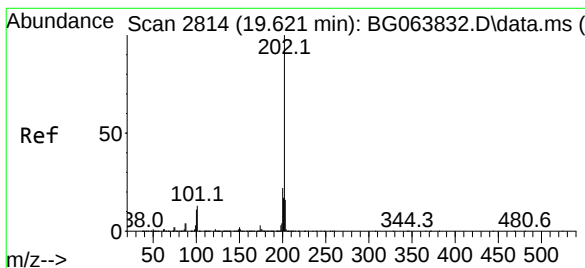
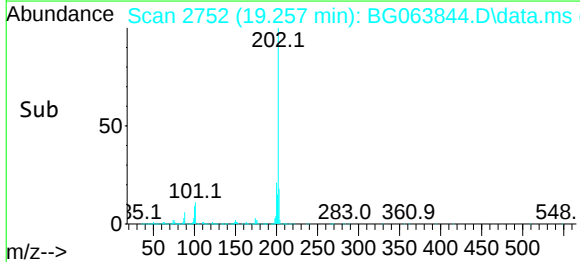
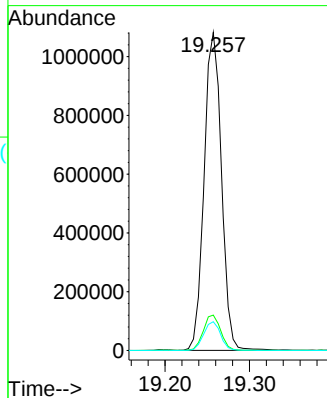
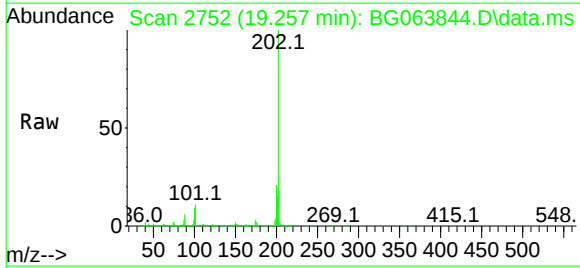
100 9.0 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024

Supervised By :mohammad ahmed 12/30/2024



#82

Pyrene

Concen: 32.881 ng/u1

RT: 19.621 min Scan# 2814

Delta R.T. 0.006 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

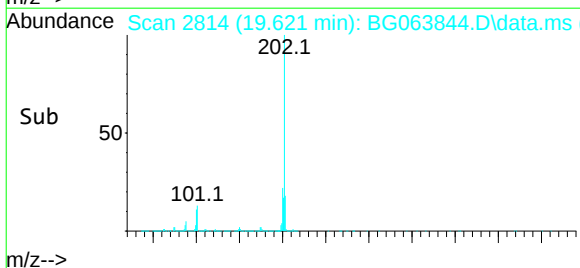
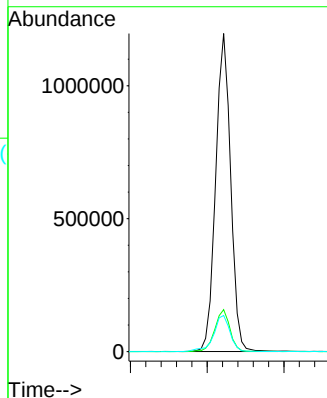
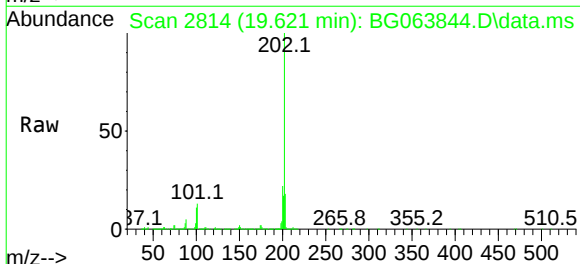
Tgt Ion:202 Resp: 1619028

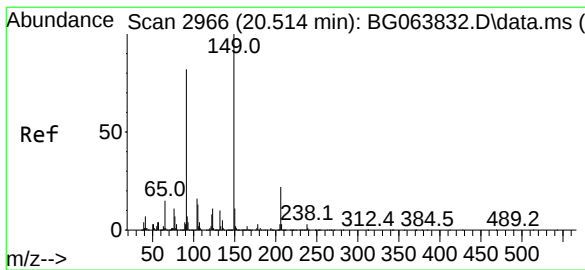
Ion Ratio Lower Upper

202 100

101 13.2 8.7 13.1#

100 11.4 7.8 11.6





#83

Butylbenzylphthalate

Concen: 37.188 ng/ul

RT: 20.514 min Scan# 29

Delta R.T. 0.006 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Instrument :

BNA_G

ClientSampleId :

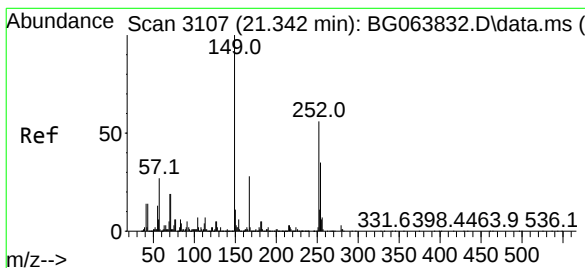
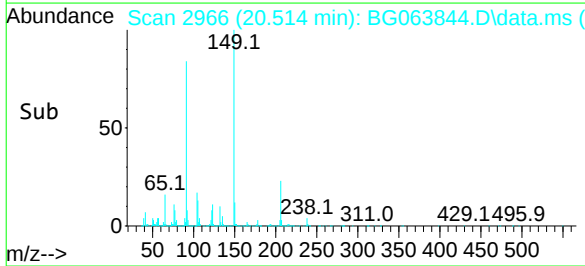
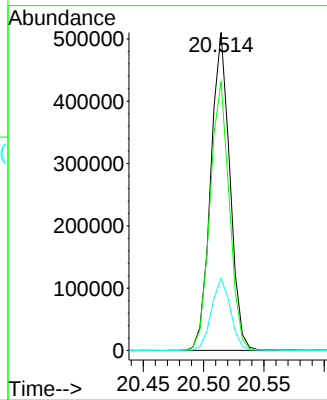
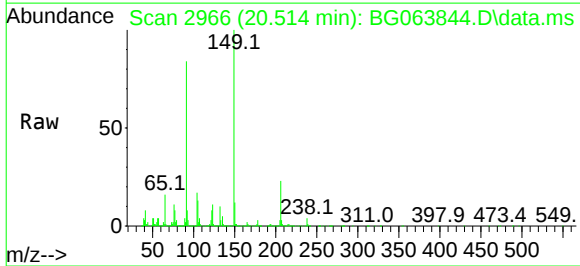
YE5X6MSD

Tgt Ion:	149	Resp:	562101
Ion Ratio	Lower	Upper	
149	100		
91	84.4	68.7	103.1
206	22.7	17.3	25.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#84

3,3'-Dichlorobenzidine

Concen: 33.281 ng/ul

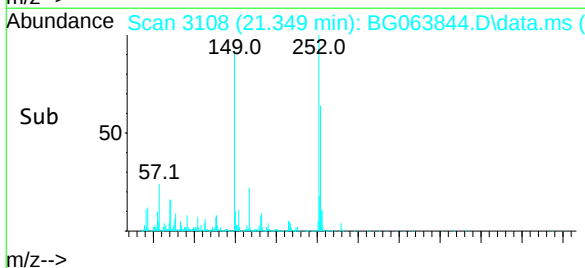
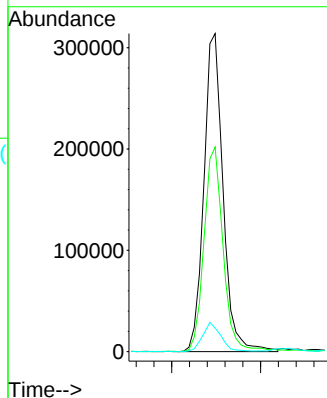
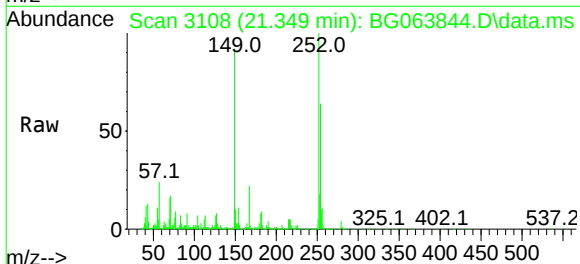
RT: 21.349 min Scan# 3108

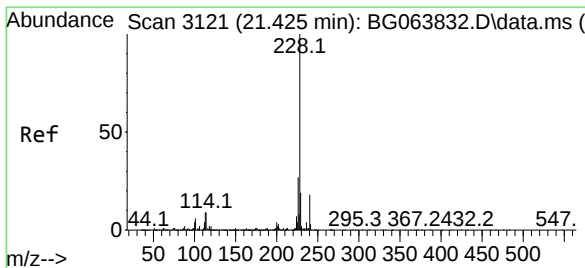
Delta R.T. 0.006 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Tgt Ion:	252	Resp:	470111
Ion Ratio	Lower	Upper	
252	100		
254	64.3	55.8	83.6
126	7.4	6.4	9.6





#85

Benzo(a)anthracene

Concen: 32.219 ng/ul

RT: 21.425 min Scan# 3121

Delta R.T. 0.006 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Instrument :

BNA_G

ClientSampleId :

YE5X6MSD

Tgt Ion:228 Resp: 1579967

Ion Ratio Lower Upper

228 100

229 19.4 15.7 23.5

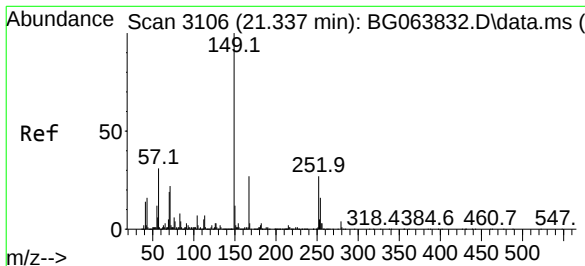
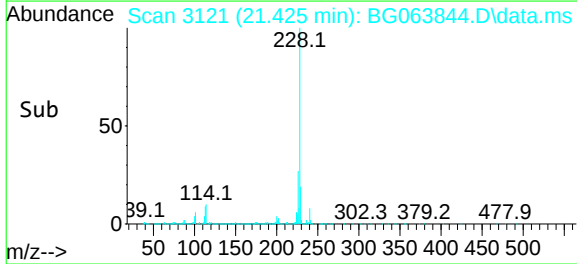
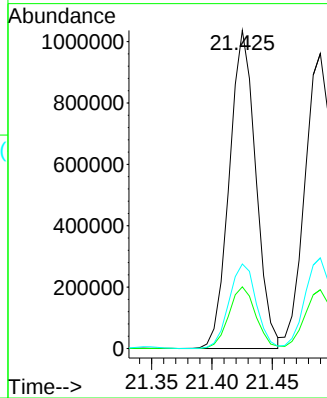
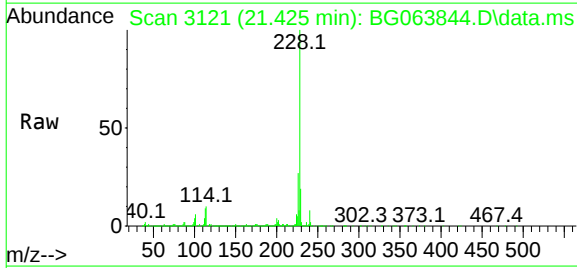
226 26.6 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024

Supervised By :mohammad ahmed 12/30/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 37.173 ng/ul

RT: 21.337 min Scan# 3106

Delta R.T. 0.006 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

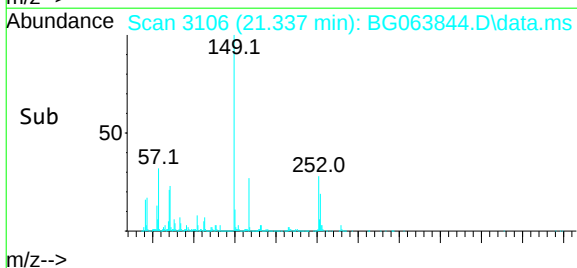
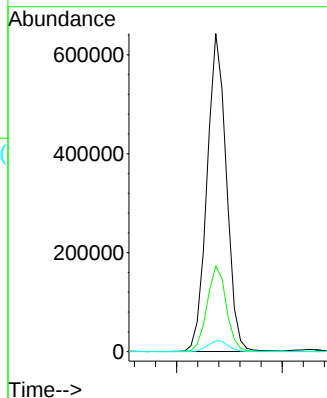
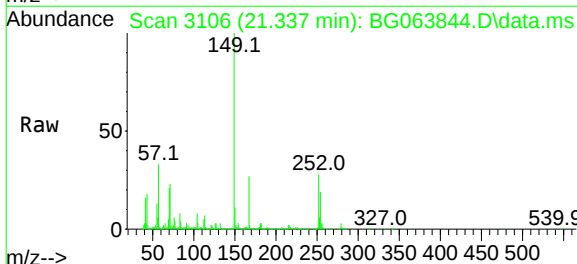
Tgt Ion:149 Resp: 817343

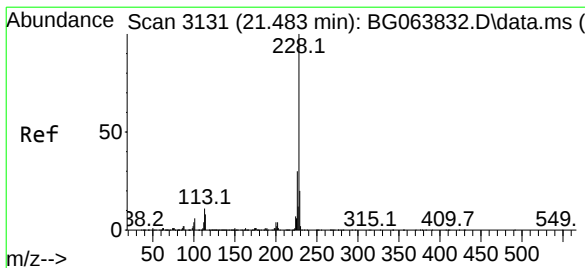
Ion Ratio Lower Upper

149 100

167 26.9 22.1 33.1

279 3.3 2.9 4.3





#87

Chrysene

Concen: 32.368 ng/u1

RT: 21.490 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Instrument :

BNA_G

ClientSampleId :

YE5X6MSD

Tgt Ion:228 Resp: 1512840

Ion Ratio Lower Upper

228 100

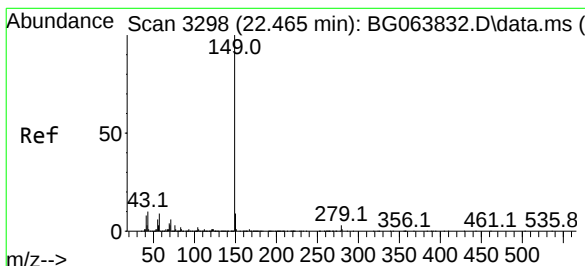
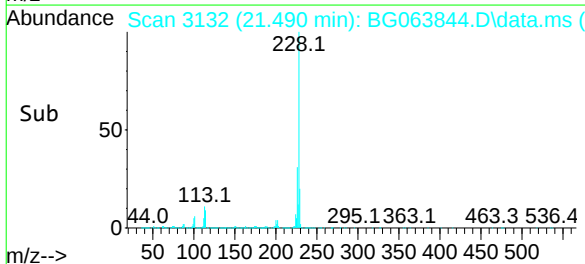
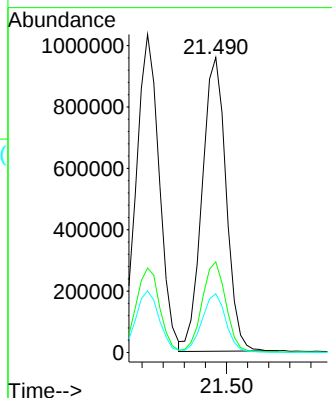
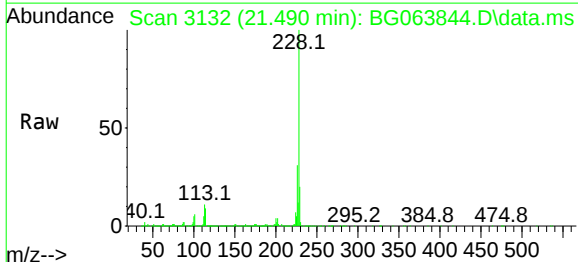
226 30.7 23.4 35.0

229 19.9 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#89

Di-n-octyl phthalate

Concen: 40.396 ng/u1

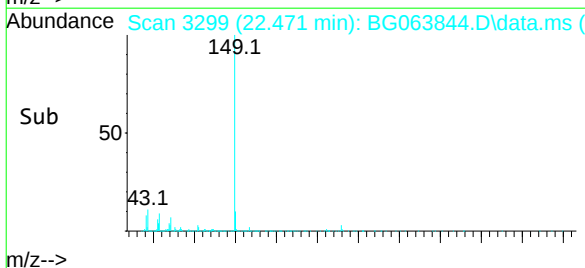
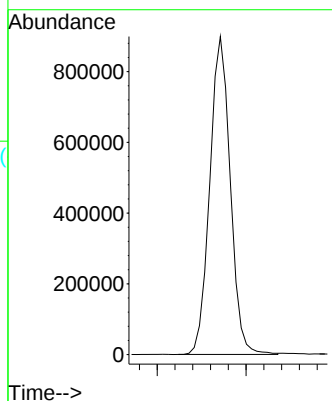
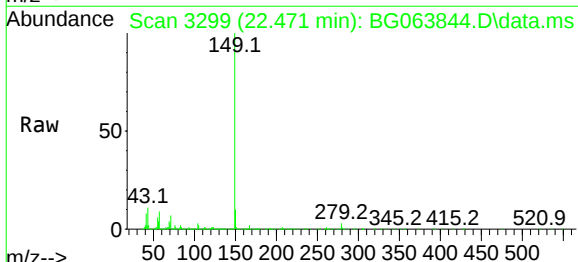
RT: 22.471 min Scan# 3299

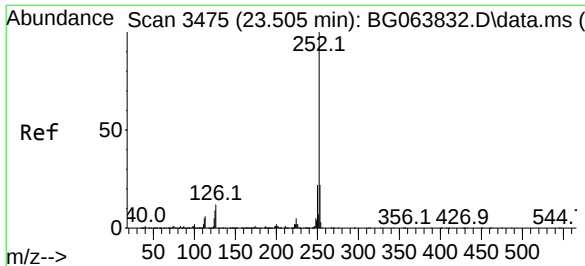
Delta R.T. 0.006 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Tgt Ion:149 Resp: 1439940





#90

Benzo(b)fluoranthene

Concen: 34.093 ng/u1

RT: 23.511 min Scan# 3475

Delta R.T. 0.012 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Instrument :

BNA_G

ClientSampleId :

YE5X6MSD

Tgt Ion:252 Resp: 1600253

Ion Ratio Lower Upper

252 100

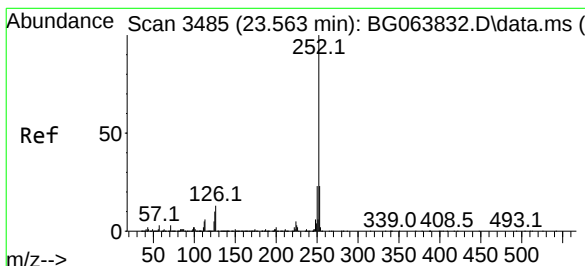
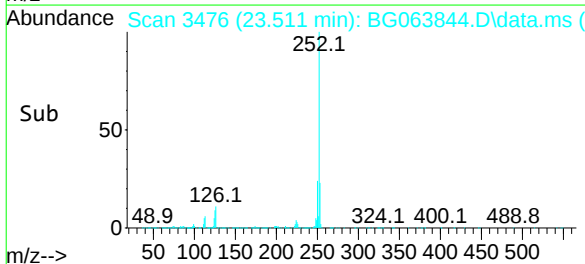
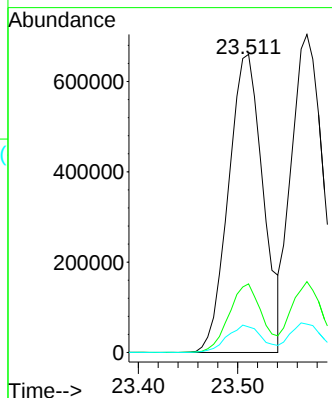
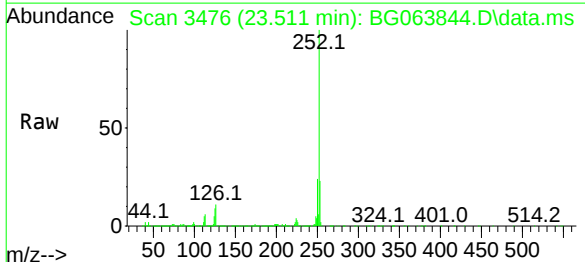
253 23.0 17.7 26.5

125 8.6 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#91

Benzo(k)fluoranthene

Concen: 33.458 ng/u1

RT: 23.570 min Scan# 3486

Delta R.T. 0.012 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

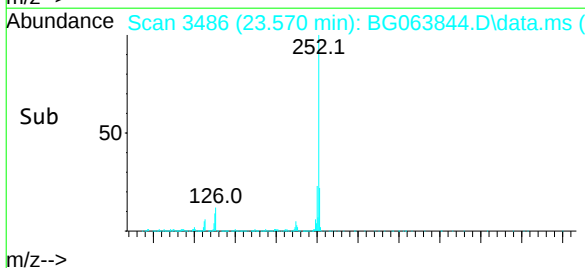
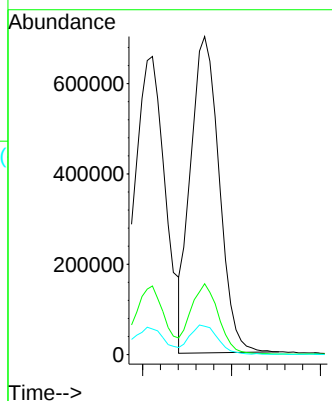
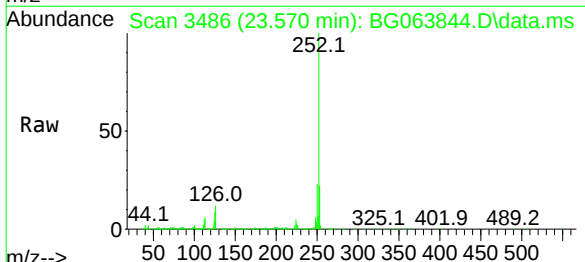
Tgt Ion:252 Resp: 1566512

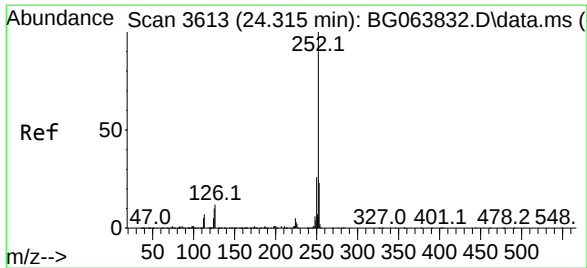
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 8.9 6.5 9.7





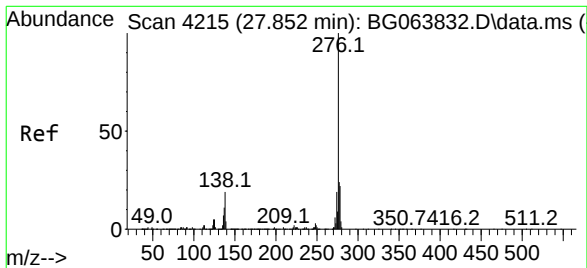
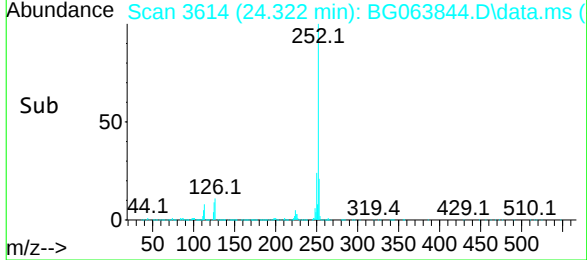
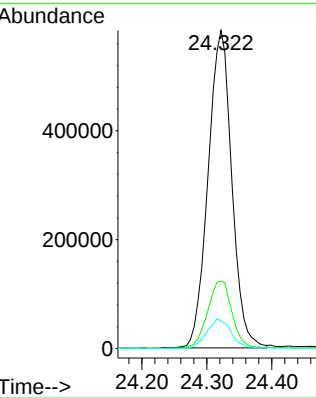
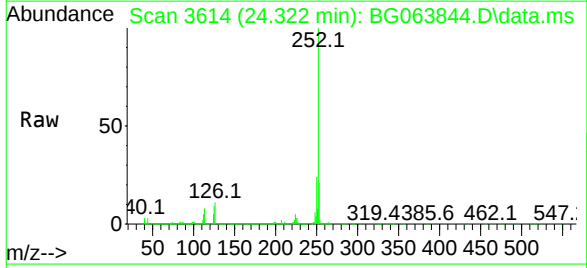
#93
Benzo(a)pyrene
Concen: 33.557 ng/u1
RT: 24.322 min Scan# 3613
Delta R.T. 0.018 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Instrument :
BNA_G
ClientSampleId :
YE5X6MSD

Tgt Ion:252 Resp: 1478452
Ion Ratio Lower Upper
252 100
253 21.2 16.6 24.8
125 8.6 8.0 12.0

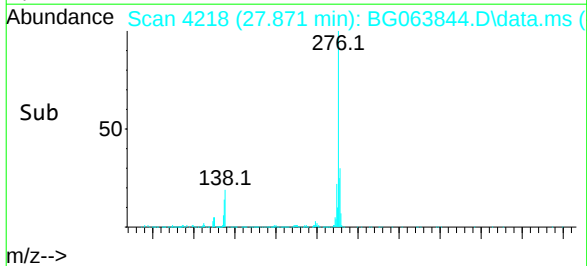
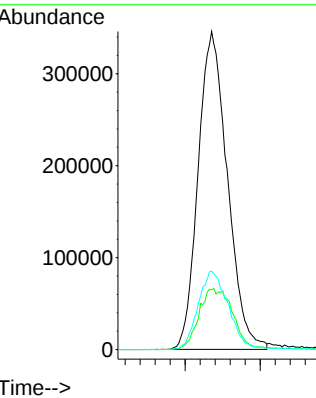
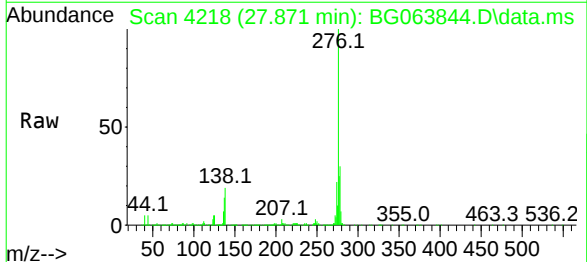
Manual Integrations
APPROVED

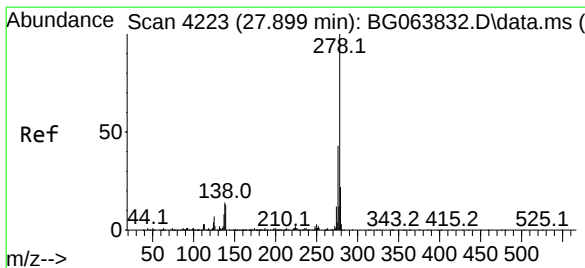
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 34.810 ng/u1
RT: 27.871 min Scan# 4218
Delta R.T. 0.024 min
Lab File: BG063844.D
Acq: 26 Dec 2024 20:47

Tgt Ion:276 Resp: 1872923
Ion Ratio Lower Upper
276 100
138 18.8 13.7 20.5
277 24.7 18.4 27.6





#95

Dibenzo(a,h)anthracene

Concen: 35.009 ng/ul

RT: 27.918 min Scan# 42

Delta R.T. 0.030 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Instrument :

BNA_G

ClientSampleId :

YE5X6MSD

Tgt Ion:278 Resp: 1507224

Ion Ratio Lower Upper

278 100

139 13.9 9.7 14.5

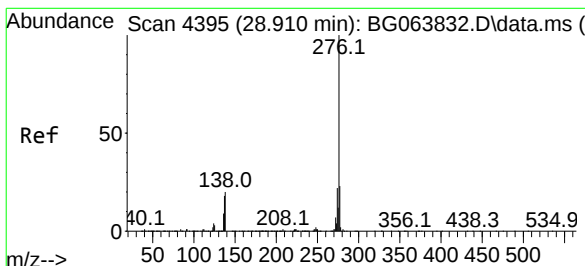
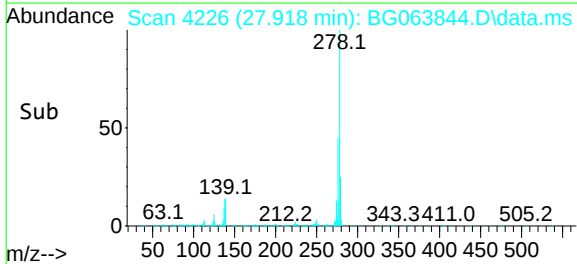
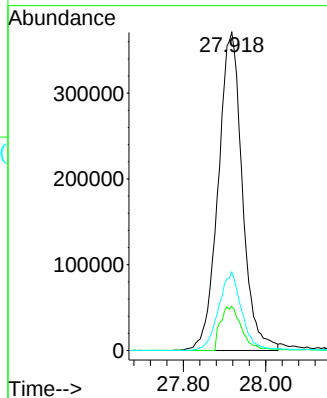
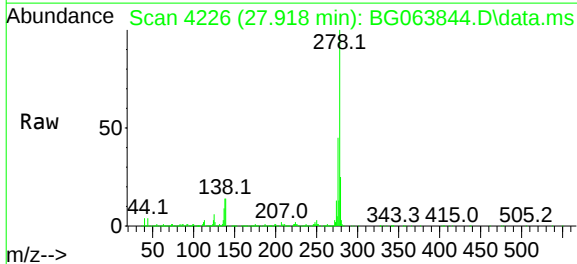
279 24.6 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024

Supervised By :mohammad ahmed 12/30/2024



#96

Benzo(g,h,i)perylene

Concen: 34.259 ng/ul

RT: 28.928 min Scan# 4398

Delta R.T. 0.030 min

Lab File: BG063844.D

Acq: 26 Dec 2024 20:47

Tgt Ion:276 Resp: 1462698

Ion Ratio Lower Upper

276 100

138 19.7 13.8 20.8

277 23.0 17.8 26.8

