

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
 Data File : BG064306.D
 Acq On : 8 Sep 2025 14:16
 Operator : RC/JU
 Sample : Q3023-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/09/2025
 Supervised By :Jagrut Upadhyay 09/09/2025

Quant Time: Sep 08 14:52:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.850	152	29936	20.000	ng	0.00
21) Naphthalene-d8	10.640	136	127733	20.000	ng	# 0.00
39) Acenaphthene-d10	14.477	164	90170	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	215376	20.000	ng	# 0.00
76) Chrysene-d12	21.451	240	242911	20.000	ng	# 0.00
86) Perylene-d12	24.454	264	273162	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.441	112	164485	98.577	ng	0.00
7) Phenol-d6	7.027	99	212868	92.860	ng	0.00
23) Nitrobenzene-d5	9.001	82	150103	65.537	ng	-0.02
42) 2,4,6-Tribromophenol	15.964	330	136717	114.471	ng	0.00
45) 2-Fluorobiphenyl	13.096	172	365060	61.796	ng	-0.02
79) Terphenyl-d14	19.836	244	735526	63.174	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.349	88	23604	33.939	ng	96
3) Pyridine	3.737	79	65263	31.878	ng	# 59
4) n-Nitrosodimethylamine	3.655	42	61470	45.394	ng	# 91
6) Aniline	7.180	93	98056	30.932	ng	98
8) 2-Chlorophenol	7.415	128	91443	44.847	ng	98
9) Benzaldehyde	6.986	77	60288	31.958	ng	98
10) Phenol	7.051	94	108719	43.017	ng	87
11) bis(2-Chloroethyl)ether	7.274	93	72126	37.978	ng	94
12) 1,3-Dichlorobenzene	7.738	146	95944	44.231	ng	99
13) 1,4-Dichlorobenzene	7.885	146	100817	46.052	ng	97
14) 1,2-Dichlorobenzene	8.202	146	99535	47.109	ng	94
15) Benzyl Alcohol	8.085	79	88596	41.881	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.373	45	140706	32.451	ng	98
17) 2-Methylphenol	8.290	107	77094	40.929	ng	93
18) Hexachloroethane	8.925	117	37246	43.585	ng	# 81
19) n-Nitroso-di-n-propyla...	8.655	70	65244	37.188	ng	90
20) 3+4-Methylphenols	8.619	107	107649	41.130	ng	98
22) Acetophenone	8.666	105	152960	47.334	ng	# 96
24) Nitrobenzene	9.048	77	107095	44.754	ng	96
25) Isophorone	9.565	82	184919	38.848	ng	98
26) 2-Nitrophenol	9.753	139	52959	51.218	ng	# 91
27) 2,4-Dimethylphenol	9.818	122	87722	48.322	ng	96
28) bis(2-Chloroethoxy)met...	10.053	93	99603	38.806	ng	97
29) 2,4-Dichlorophenol	10.288	162	92257	48.165	ng	98
30) 1,2,4-Trichlorobenzene	10.499	180	100289	49.657	ng	95
31) Naphthalene	10.688	128	287233	43.365	ng	100
32) Benzoic acid	9.982	122	68491	47.529	ng	89
33) 4-Chloroaniline	10.793	127	55611	21.662	ng	92
34) Hexachlorobutadiene	10.975	225	75683	50.696	ng	# 86
35) Caprolactam	11.557	113	29688m	40.028	ng	
36) 4-Chloro-3-methylphenol	11.927	107	108328	43.589	ng	92
37) 2-Methylnaphthalene	12.297	142	196464	39.904	ng	95
38) 1-Methylnaphthalene	12.515	142	200348	41.199	ng	99
40) 1,2,4,5-Tetrachloroben...	12.668	216	137336	52.787	ng	98
41) Hexachlorocyclopentadiene	12.650	237	174210	140.890	ng	91
43) 2,4,6-Trichlorophenol	12.908	196	80711	46.414	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

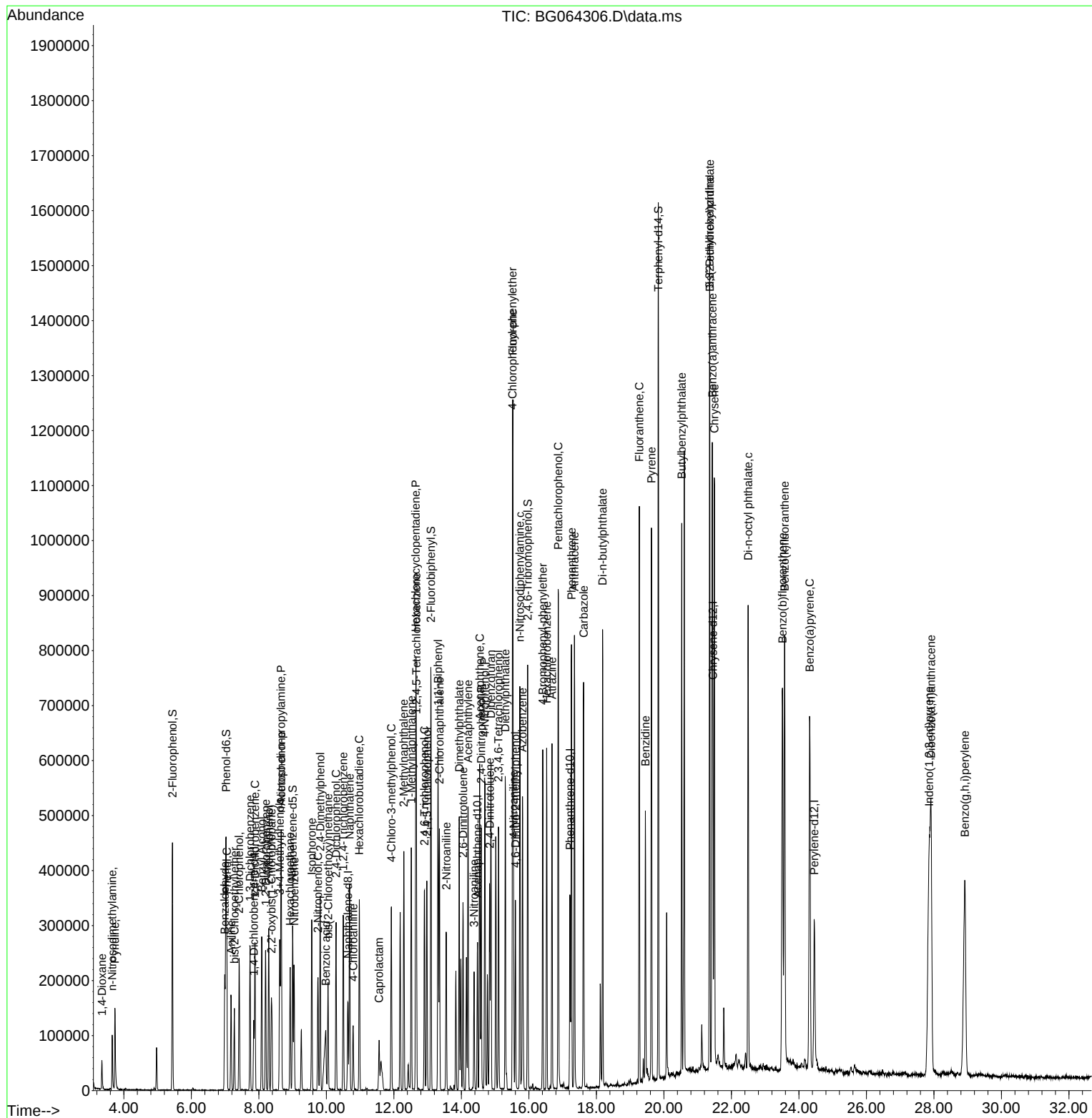
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.979	196	93226	49.422	ng	95
46) 1,1'-Biphenyl	13.308	154	318483	48.494	ng	97
47) 2-Chloronaphthalene	13.349	162	214573	43.459	ng	96
48) 2-Nitroaniline	13.555	65	78496	46.645	ng	94
49) Acenaphthylene	14.201	152	368499	50.489	ng	98
50) Dimethylphthalate	13.937	163	284762	41.723	ng	100
51) 2,6-Dinitrotoluene	14.048	165	63224	47.850	ng	99
52) Acenaphthene	14.542	154	217148	42.159	ng	98
53) 3-Nitroaniline	14.377	138	41387	29.903	ng	90
54) 2,4-Dinitrophenol	14.589	184	88140	100.539	ng	# 82
55) Dibenzofuran	14.877	168	356889	44.051	ng	99
56) 4-Nitrophenol	14.695	139	107122	94.353	ng	# 86
57) 2,4-Dinitrotoluene	14.841	165	98479	49.293	ng	96
58) Fluorene	15.523	166	299648	45.126	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.100	232	94150	51.893	ng	97
60) Diethylphthalate	15.300	149	314958	43.119	ng	99
61) 4-Chlorophenyl-phenyle...	15.517	204	151450	45.745	ng	97
62) 4-Nitroaniline	15.547	138	67555	47.833	ng	94
63) Azobenzene	15.811	77	302339	46.440	ng	94
65) 4,6-Dinitro-2-methylph...	15.605	198	65869	53.269	ng	86
66) n-Nitrosodiphenylamine	15.735	169	264435	44.632	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	107539	47.010	ng	96
68) Hexachlorobenzene	16.528	284	119896	47.198	ng	97
69) Atrazine	16.686	200	121198	48.991	ng	99
70) Pentachlorophenol	16.874	266	167917	109.016	ng	94
71) Phenanthrene	17.262	178	506527	44.590	ng	97
72) Anthracene	17.350	178	519315	44.942	ng	99
73) Carbazole	17.621	167	470409	46.212	ng	99
74) Di-n-butylphthalate	18.185	149	570352	46.636	ng	# 98
75) Fluoranthene	19.272	202	638997	47.841	ng	97
77) Benzidine	19.454	184	276302	54.071	ng	99
78) Pyrene	19.630	202	657818	42.984	ng	99
80) Butylbenzylphthalate	20.529	149	269256	46.647	ng	92
81) Benzo(a)anthracene	21.434	228	721101	46.402	ng	100
82) 3,3'-Dichlorobenzidine	21.351	252	166875	32.972	ng	99
83) Chrysene	21.492	228	673446	45.139	ng	98
84) Bis(2-ethylhexyl)phtha...	21.357	149	395607	45.650	ng	96
85) Di-n-octyl phthalate	22.497	149	680342	45.056	ng	97
87) Indeno(1,2,3-cd)pyrene	27.856	276	882645	47.315	ng	98
88) Benzo(b)fluoranthene	23.514	252	729185	47.298	ng	99
89) Benzo(k)fluoranthene	23.578	252	722979	46.031	ng	# 95
90) Benzo(a)pyrene	24.319	252	700593	48.852	ng	# 97
91) Dibenzo(a,h)anthracene	27.914	278	711075	47.475	ng	97
92) Benzo(g,h,i)perylene	28.919	276	698546	47.930	ng	# 95

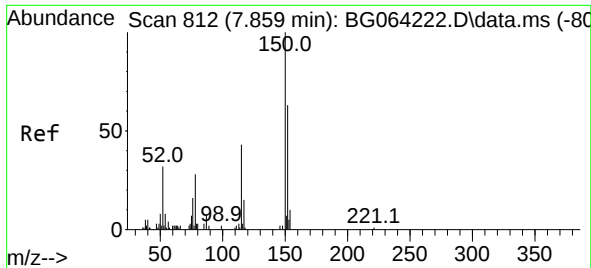
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations
APPROVED

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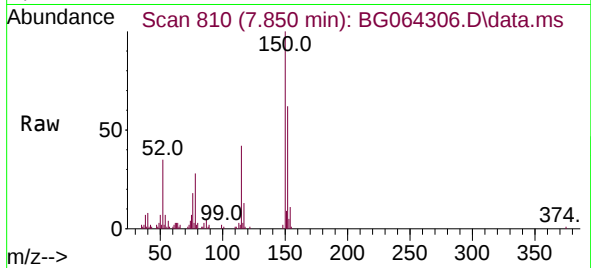
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Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.850 min Scan# 81
 Delta R.T. -0.009 min
 Lab File: BG064306.D
 Acq: 8 Sep 2025 14:16

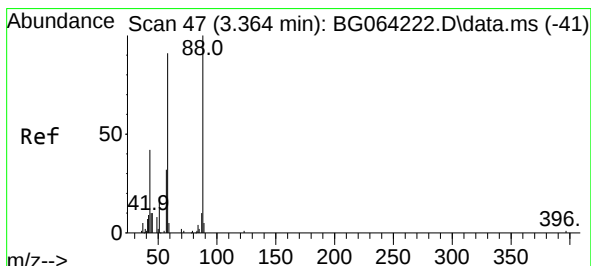
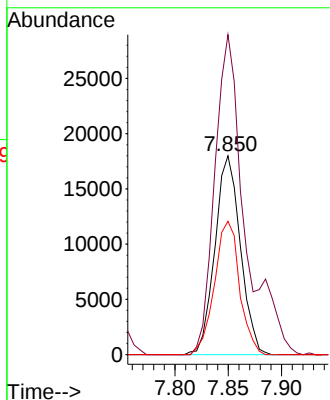
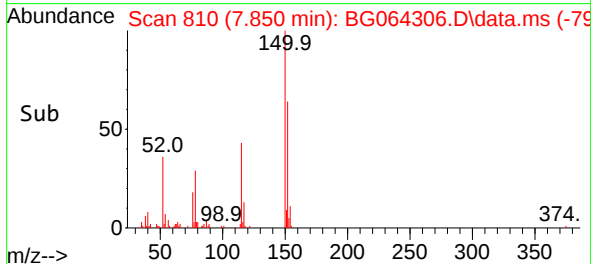
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD



Tgt Ion:152 Resp: 29936
 Ion Ratio Lower Upper
 152 100
 150 160.9 128.0 192.0
 115 67.0 55.7 83.5

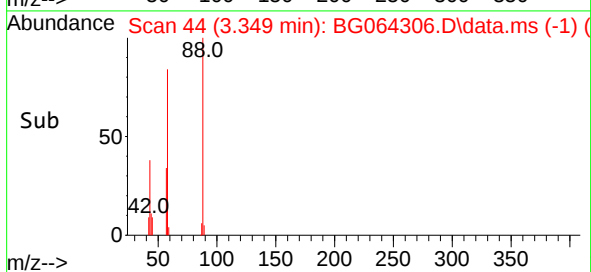
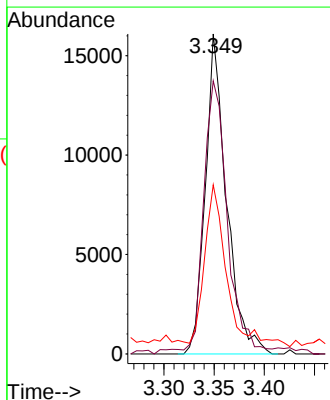
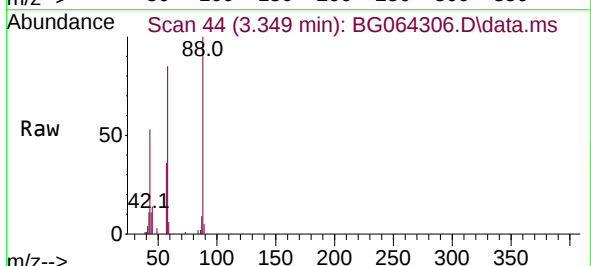
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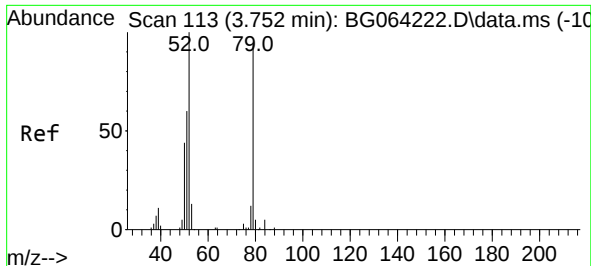
Reviewed By :Rahul Chavli 09/09/2025
 Supervised By :Jagrut Upadhyay 09/09/2025



#2
 1,4-Dioxane
 Concen: 33.939 ng
 RT: 3.349 min Scan# 44
 Delta R.T. -0.009 min
 Lab File: BG064306.D
 Acq: 8 Sep 2025 14:16

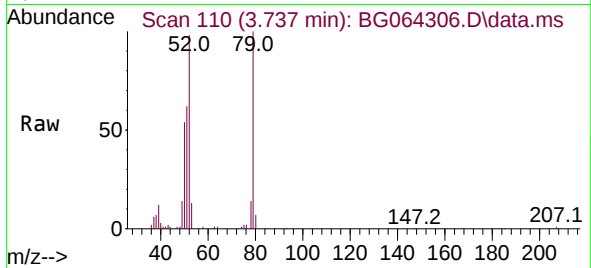
Tgt Ion: 88 Resp: 23604
 Ion Ratio Lower Upper
 88 100
 58 96.6 80.8 121.2
 43 53.1 40.3 60.5





#3
Pyridine
Concen: 31.878 ng
RT: 3.737 min Scan# 113
Delta R.T. -0.015 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

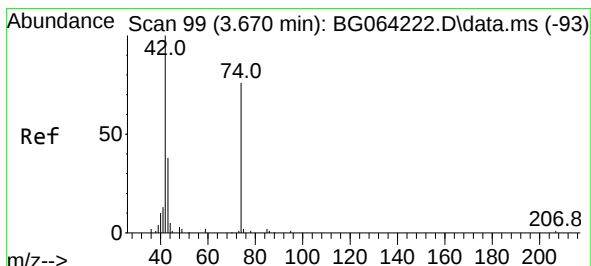
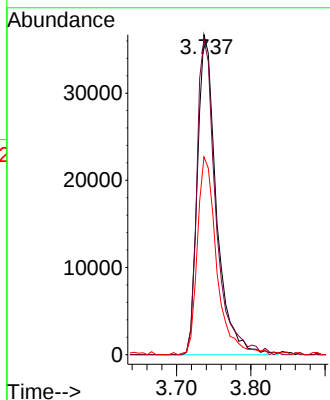
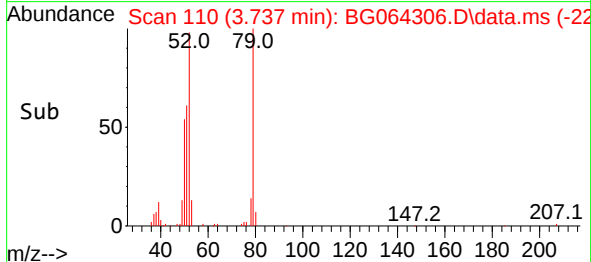
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion: 79 Resp: 65263
Ion Ratio Lower Upper
79 100
52 98.4 86.6 129.8
51 61.8 114.1 171.1

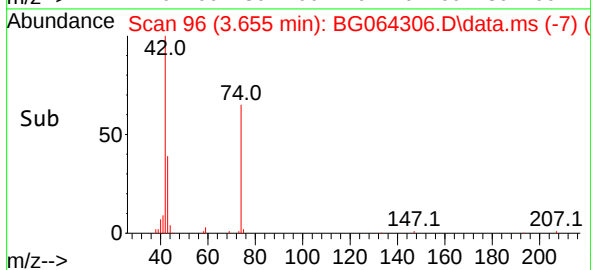
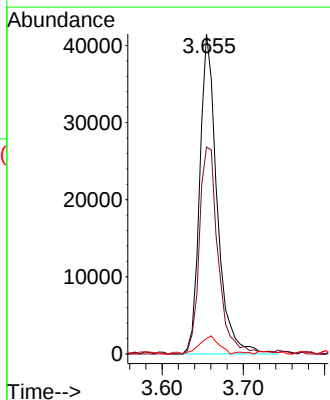
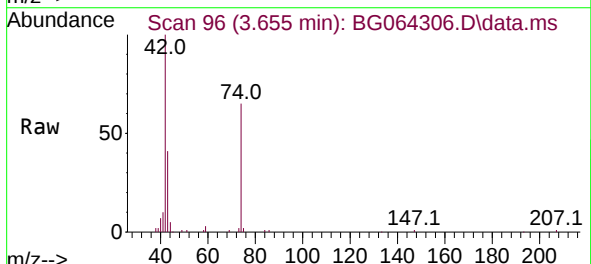
Manual Integrations
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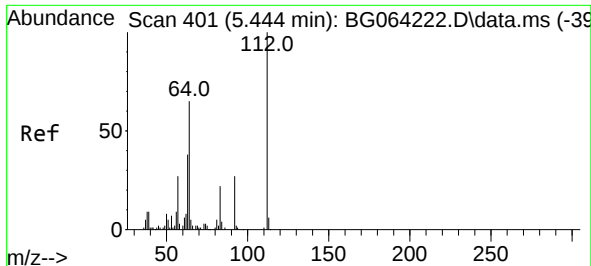
Reviewed By :Rahul Chavli 09/09/2025
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#4
n-Nitrosodimethylamine
Concen: 45.394 ng
RT: 3.655 min Scan# 96
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

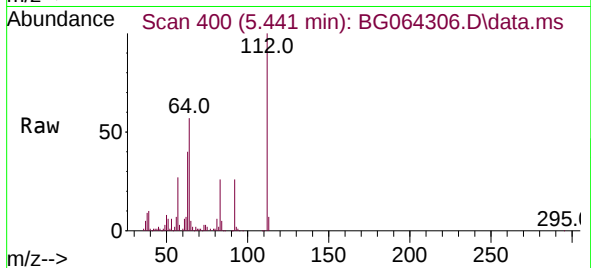
Tgt Ion: 42 Resp: 61470
Ion Ratio Lower Upper
42 100
74 64.6 58.0 87.0
44 4.8 5.5 8.3





#5
2-Fluorophenol
Concen: 98.577 ng
RT: 5.441 min Scan# 401
Delta R.T. -0.004 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

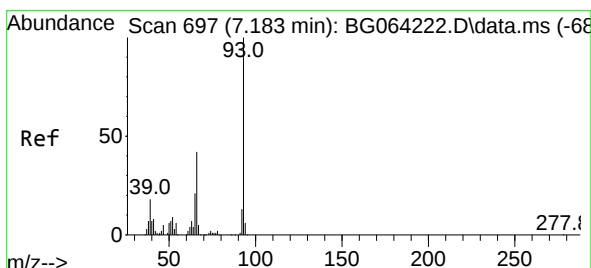
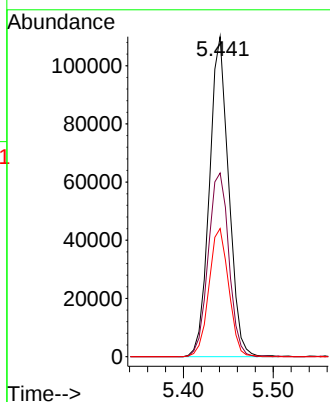
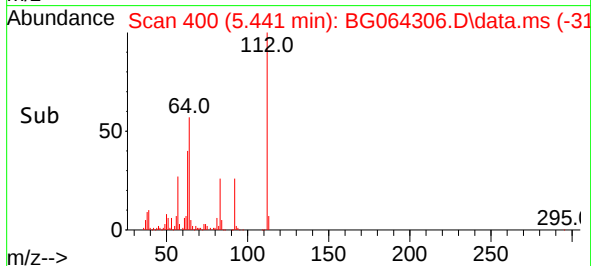
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



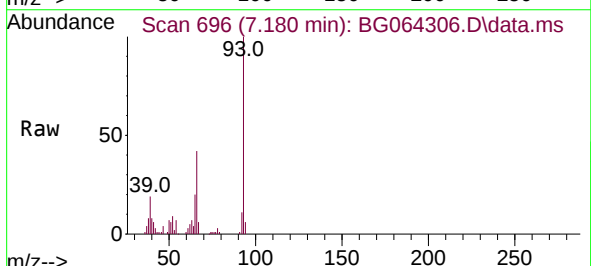
Tgt Ion: 112 Resp: 164485
Ion Ratio Lower Upper
112 100
64 57.4 51.8 77.6
63 40.0 30.6 45.8

Manual Integrations
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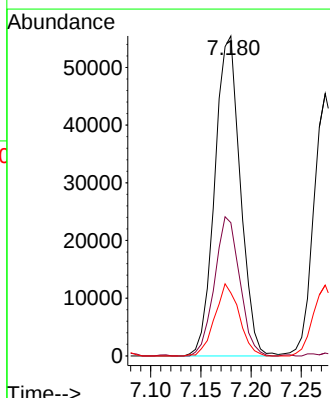
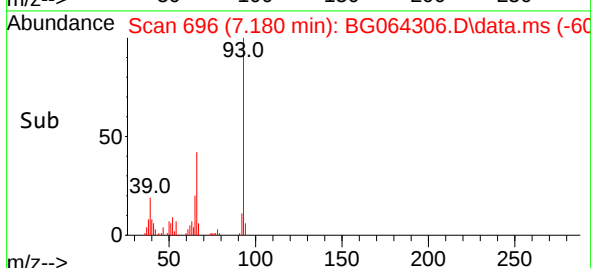
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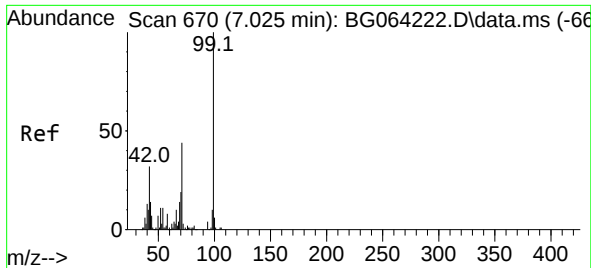


#6
Aniline
Concen: 30.932 ng
RT: 7.180 min Scan# 696
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16



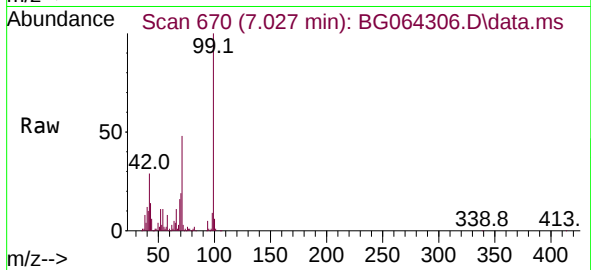
Tgt Ion: 93 Resp: 98056
Ion Ratio Lower Upper
93 100
66 41.6 33.8 50.8
65 19.7 16.9 25.3





#7
Phenol-d6
Concen: 92.860 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

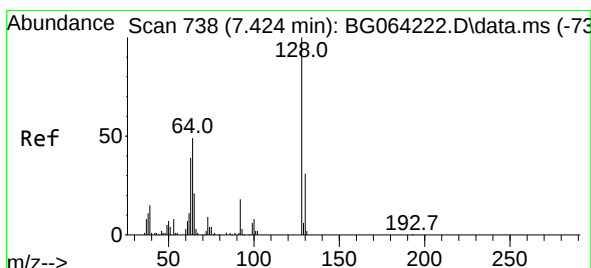
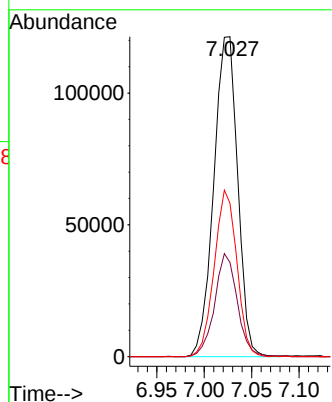
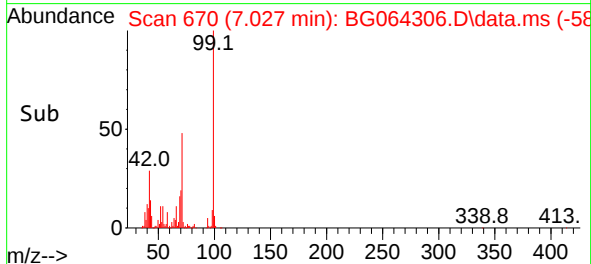
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion: 99 Resp: 212868
Ion Ratio Lower Upper
99 100
42 29.4 25.8 38.8
71 47.9 35.2 52.8

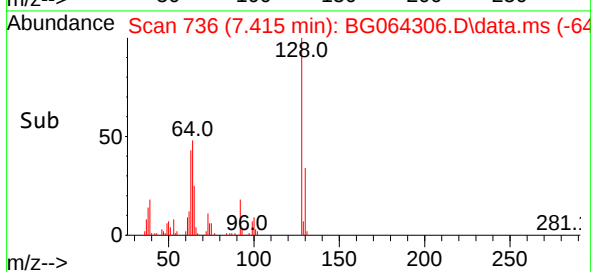
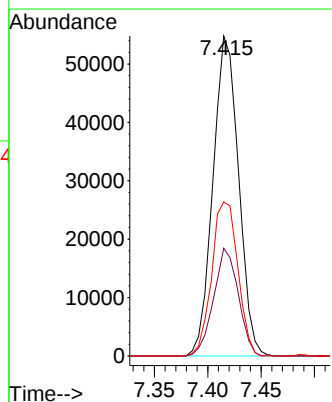
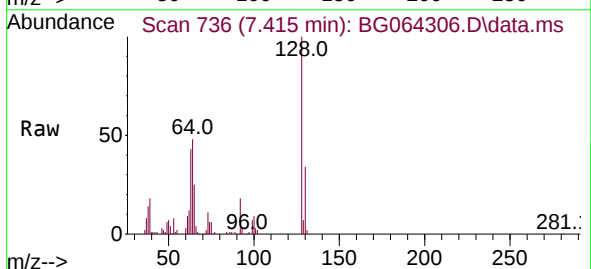
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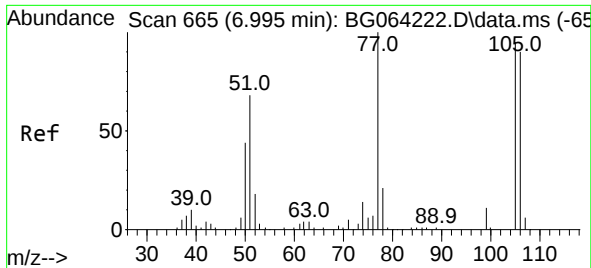
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#8
2-Chlorophenol
Concen: 44.847 ng
RT: 7.415 min Scan# 736
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

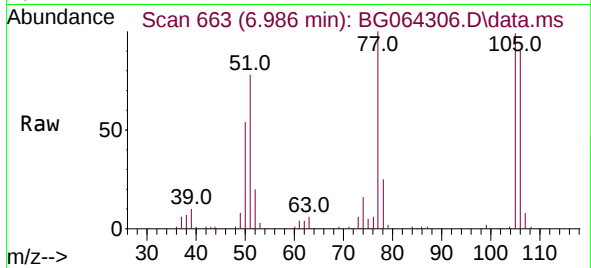
Tgt Ion:128 Resp: 91443
Ion Ratio Lower Upper
128 100
130 33.6 10.9 50.9
64 48.1 28.7 68.7





#9
Benzaldehyde
Concen: 31.958 ng
RT: 6.986 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

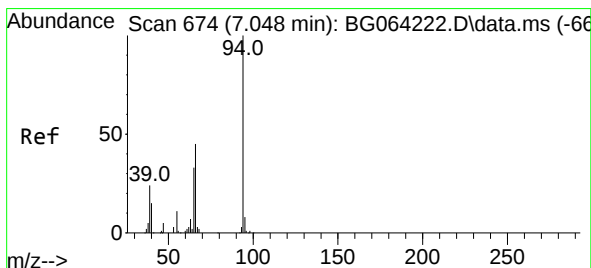
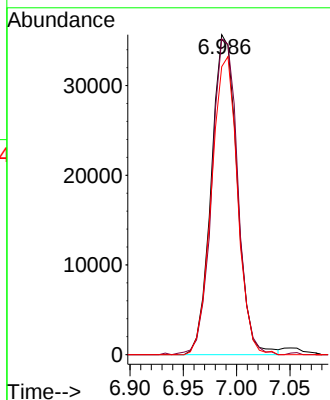
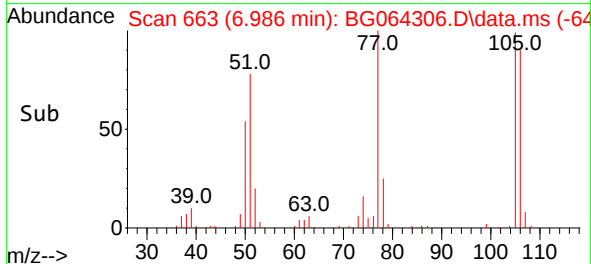
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion: 77 Resp: 60288
Ion Ratio Lower Upper
77 100
105 98.7 75.2 115.2
106 90.0 69.6 109.6

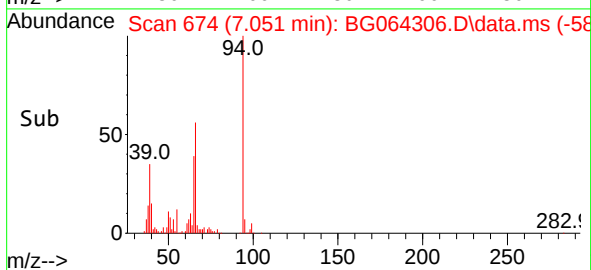
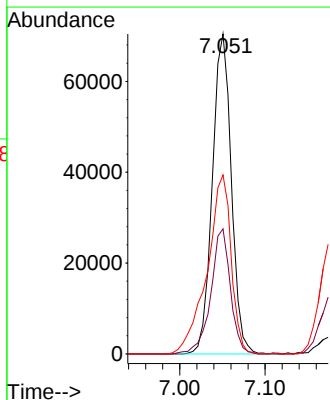
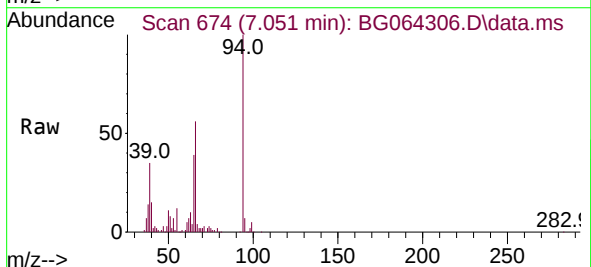
Manual Integrations
APPROVED

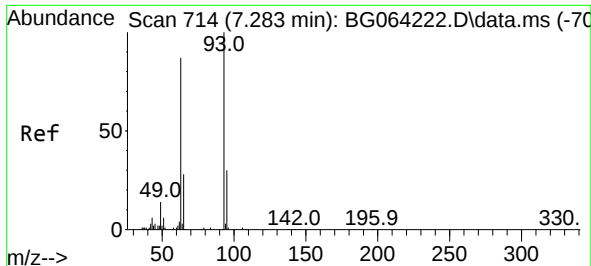
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#10
Phenol
Concen: 43.017 ng
RT: 7.051 min Scan# 674
Delta R.T. -0.004 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

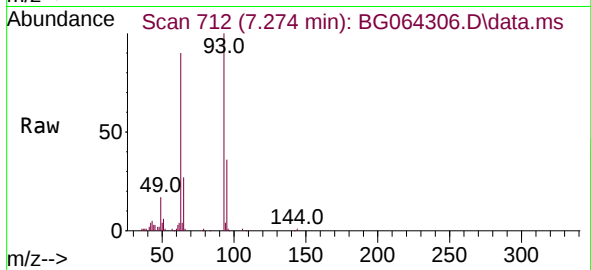
Tgt Ion: 94 Resp: 108719
Ion Ratio Lower Upper
94 100
65 39.1 13.5 53.5
66 55.9 26.2 66.2





#11
bis(2-Chloroethyl)ether
Concen: 37.978 ng
RT: 7.274 min Scan# 714
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

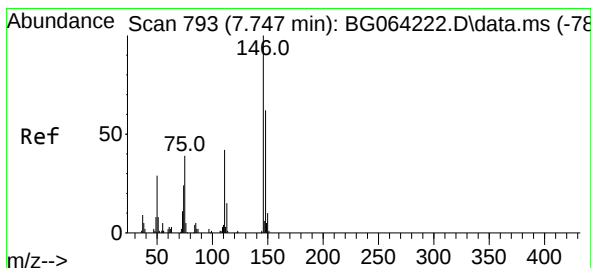
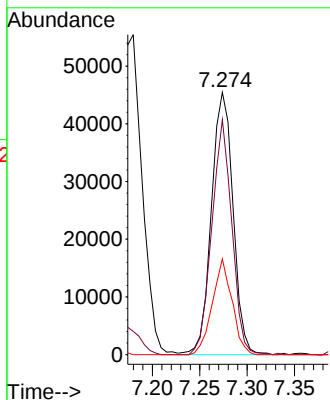
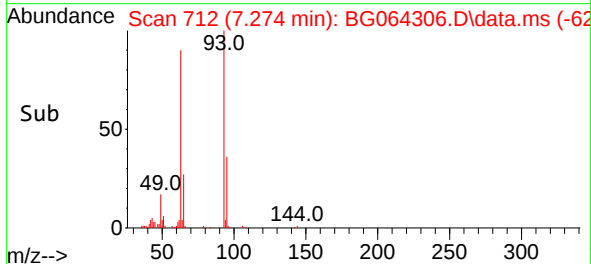
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion: 93 Resp: 72126
Ion Ratio Lower Upper
93 100
63 89.6 66.2 106.2
95 36.5 9.8 49.8

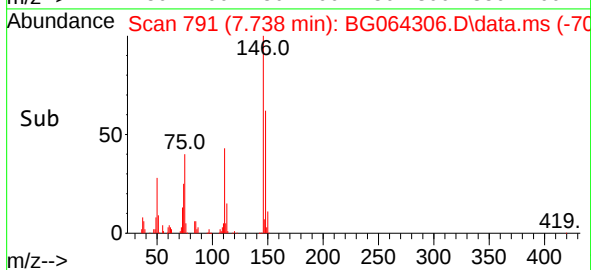
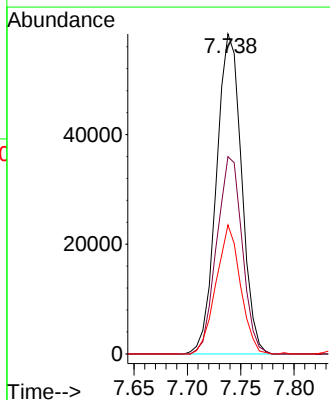
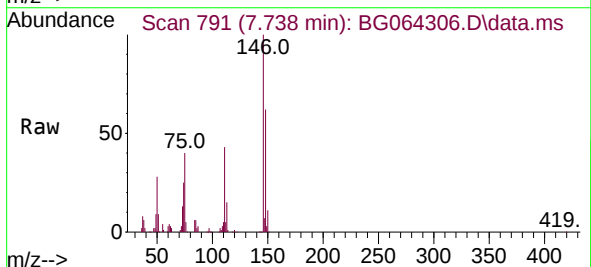
Manual Integrations
APPROVED

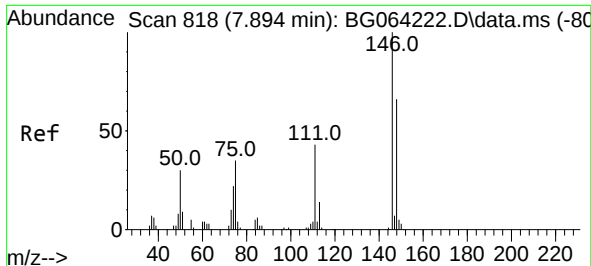
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#12
1,3-Dichlorobenzene
Concen: 44.231 ng
RT: 7.738 min Scan# 791
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

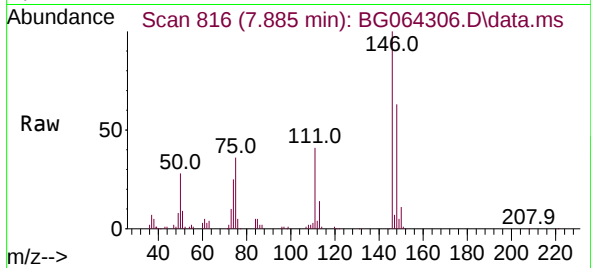
Tgt Ion:146 Resp: 95944
Ion Ratio Lower Upper
146 100
148 61.6 49.6 74.4
75 40.3 31.0 46.6





#13
1,4-Dichlorobenzene
Concen: 46.052 ng
RT: 7.885 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

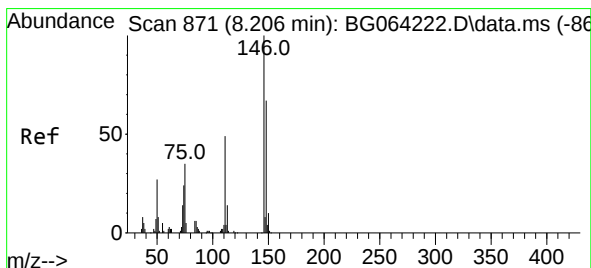
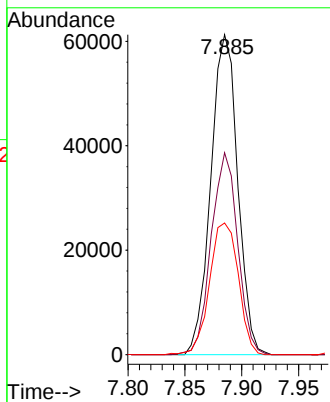
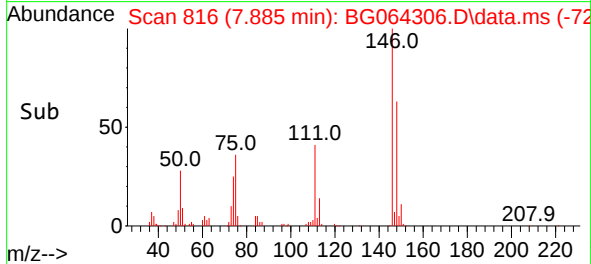
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:146 Resp: 10081
Ion Ratio Lower Upper
146 100
148 63.1 52.8 79.2
111 41.1 34.1 51.1

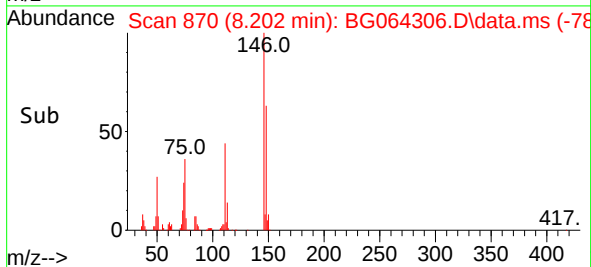
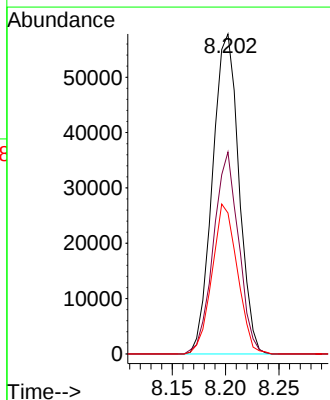
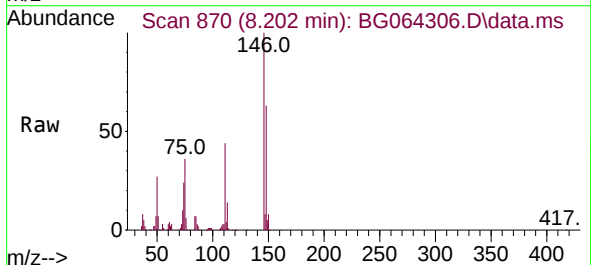
Manual Integrations
APPROVED

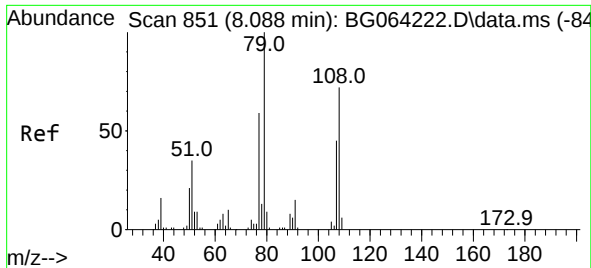
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#14
1,2-Dichlorobenzene
Concen: 47.109 ng
RT: 8.202 min Scan# 870
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

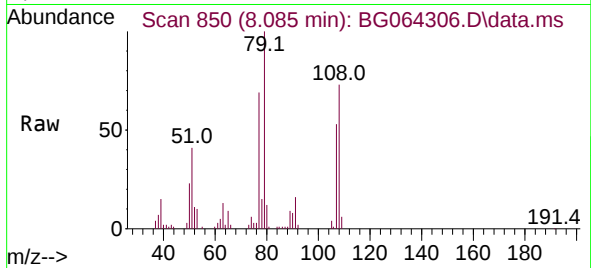
Tgt Ion:146 Resp: 99535
Ion Ratio Lower Upper
146 100
148 63.1 53.4 80.0
111 44.0 39.1 58.7





#15
Benzyl Alcohol
Concen: 41.881 ng
RT: 8.085 min Scan# 851
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

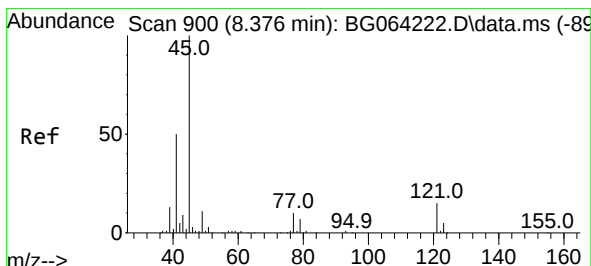
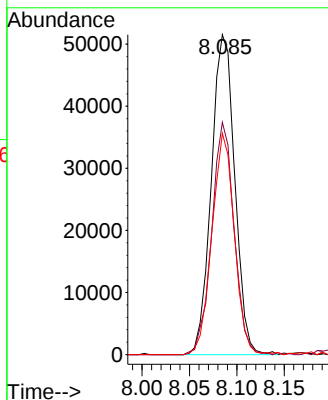
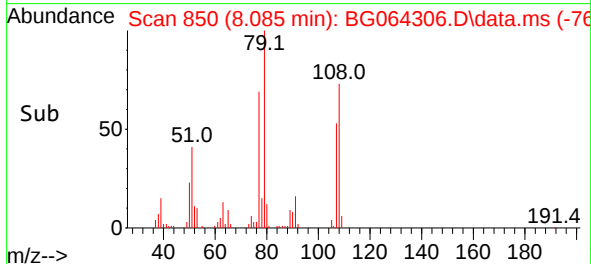
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



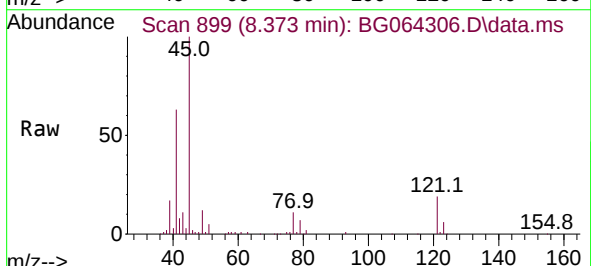
Tgt Ion: 79 Resp: 88596
Ion Ratio Lower Upper
79 100
108 72.6 57.4 86.0
77 69.1 47.2 70.8

Manual Integrations
APPROVED

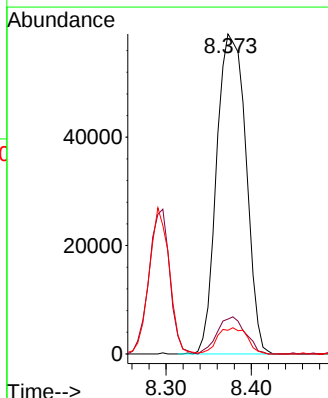
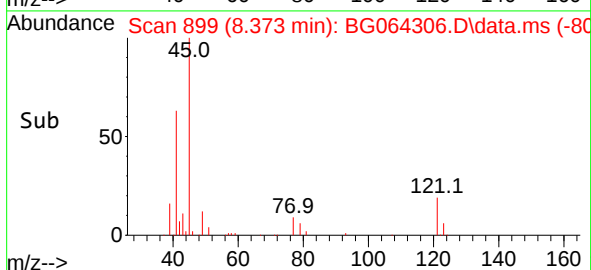
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025

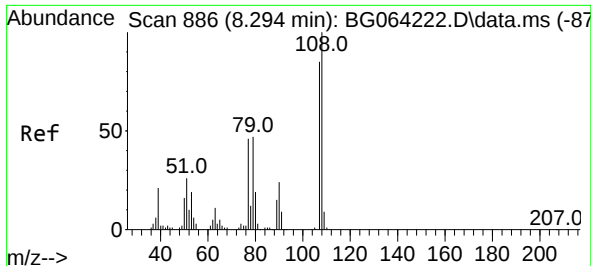


#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.451 ng
RT: 8.373 min Scan# 899
Delta R.T. -0.004 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16



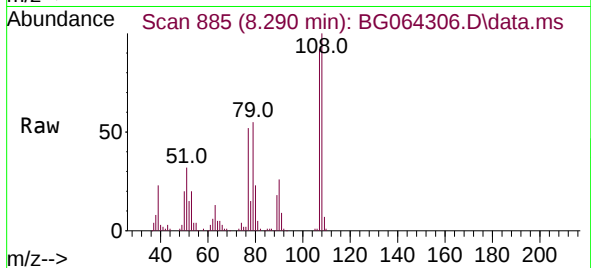
Tgt Ion: 45 Resp: 140706
Ion Ratio Lower Upper
45 100
77 10.9 0.0 30.0
79 7.4 0.0 27.9





#17
2-Methylphenol
Concen: 40.929 ng
RT: 8.290 min Scan# 886
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

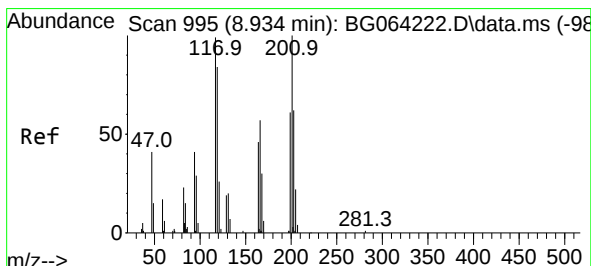
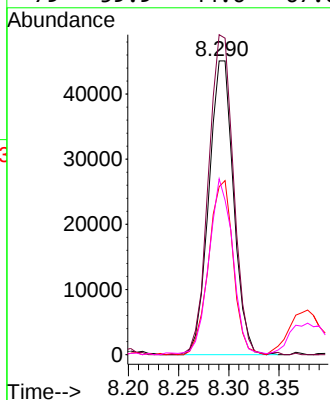
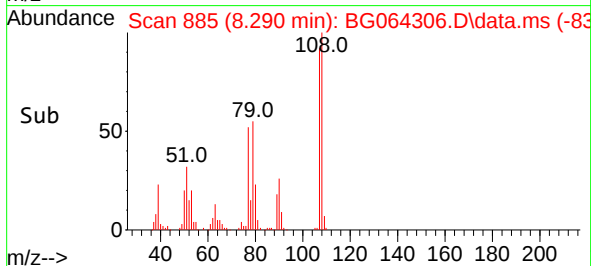
Instrument :
BNA_G
Client SampleId :
TP-1MSD



Tgt Ion:	107	Resp:	77094
Ion	Ratio	Lower	Upper
107	100		
108	109.0	94.6	141.8
77	57.2	43.7	65.5
79	59.9	44.6	67.0

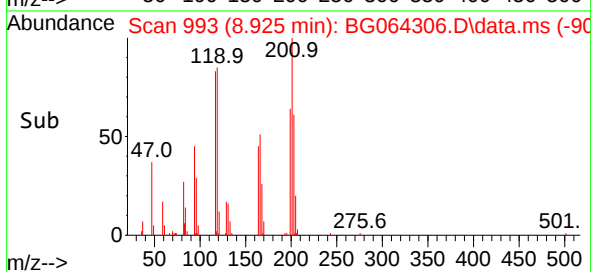
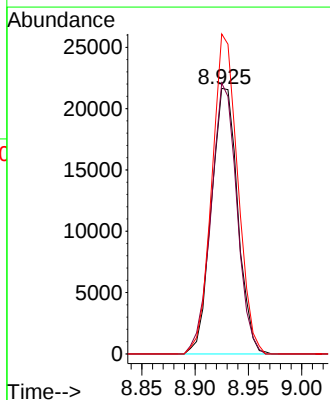
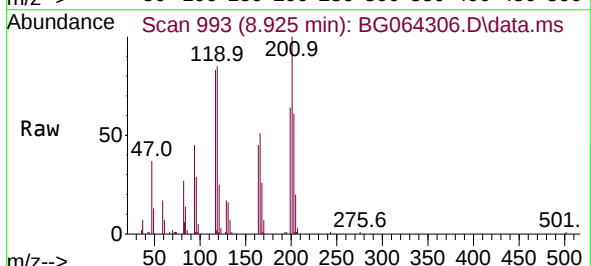
Manual Integrations
APPROVED

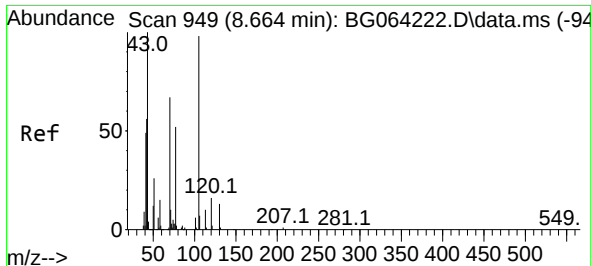
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#18
Hexachloroethane
Concen: 43.585 ng
RT: 8.925 min Scan# 993
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

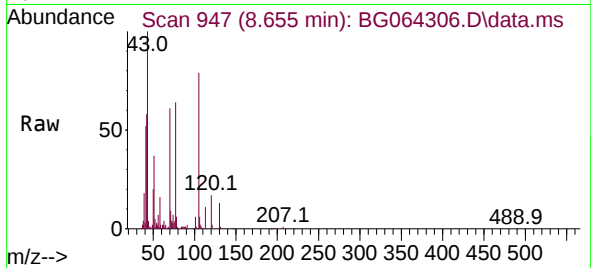
Tgt Ion:	117	Resp:	37246
Ion	Ratio	Lower	Upper
117	100		
119	102.0	67.9	101.9#
201	120.5	80.5	120.7





#19
n-Nitroso-di-n-propylamine
Concen: 37.188 ng
RT: 8.655 min Scan# 94
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

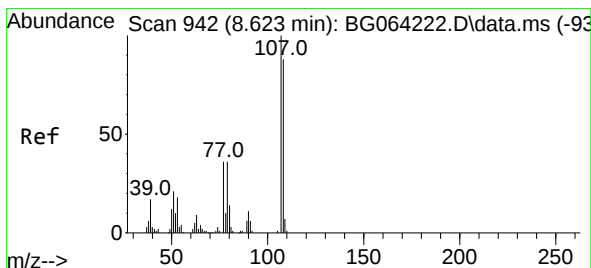
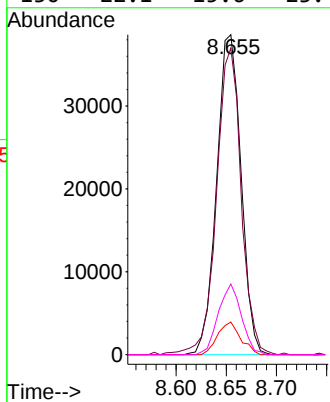
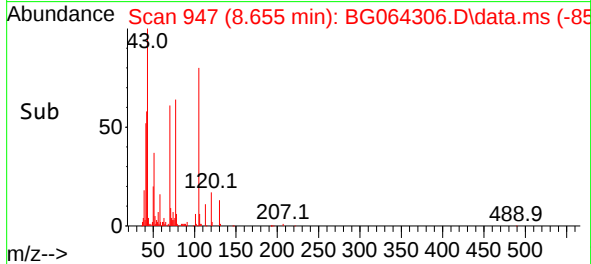
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion: 70 Resp: 65244
Ion Ratio Lower Upper
70 100
42 95.8 67.9 101.9
101 10.2 7.3 10.9
130 22.1 15.6 23.4

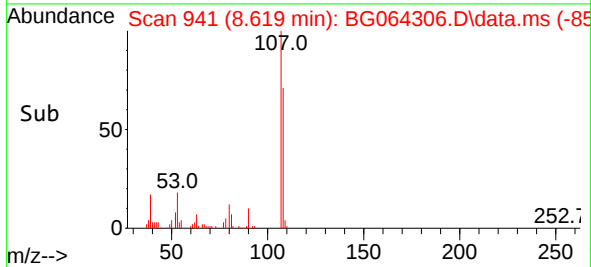
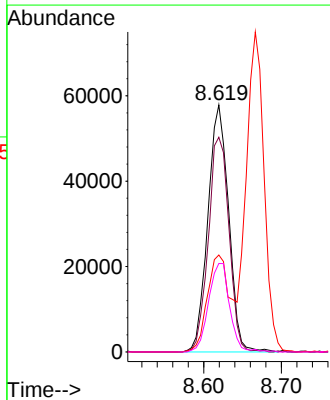
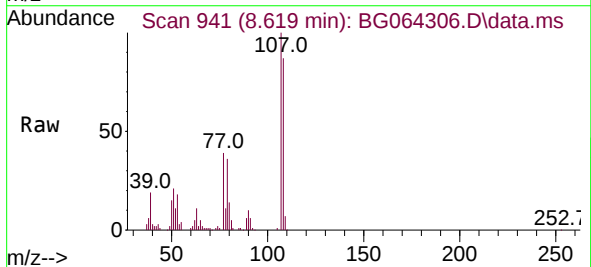
Manual Integrations
APPROVED

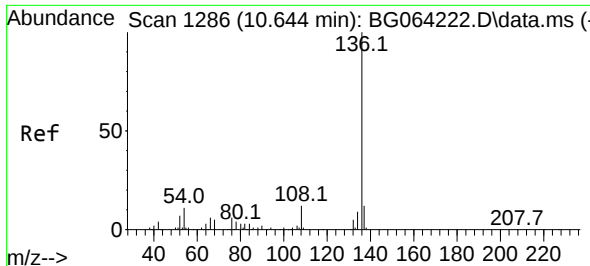
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#20
3+4-Methylphenols
Concen: 41.130 ng
RT: 8.619 min Scan# 941
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

Tgt Ion:107 Resp: 107649
Ion Ratio Lower Upper
107 100
108 86.9 68.1 108.1
77 39.2 15.9 55.9
79 35.8 16.0 56.0





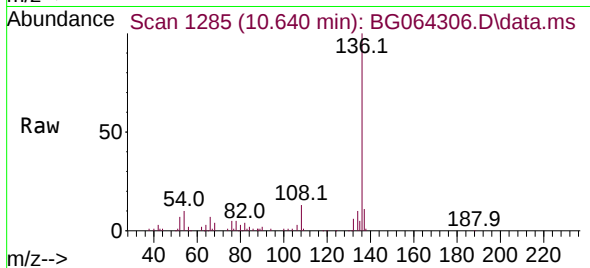
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.640 min Scan# 1286
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

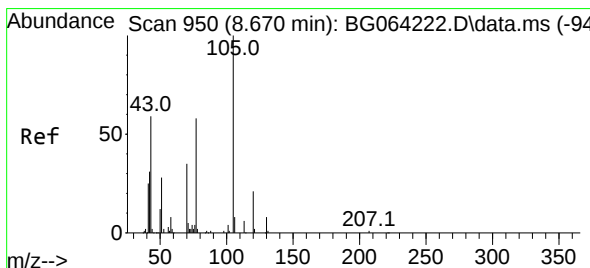
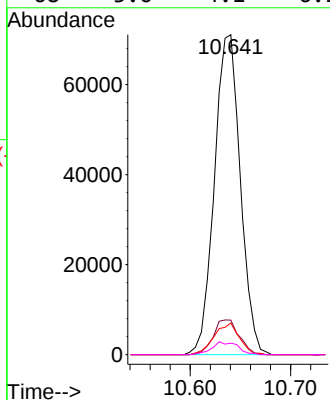
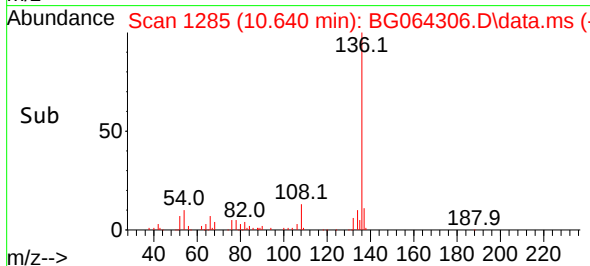


Tgt Ion:136 Resp: 127733
Ion Ratio Lower Upper
136 100
137 10.8 9.6 14.4
54 9.9 8.8 13.2
68 3.6 4.1 6.1#

Manual Integrations

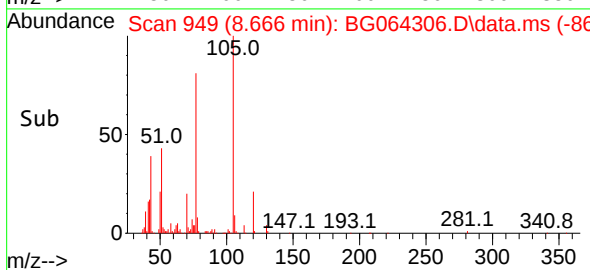
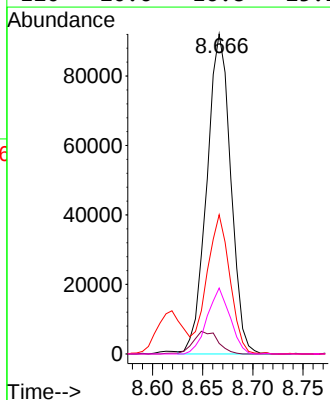
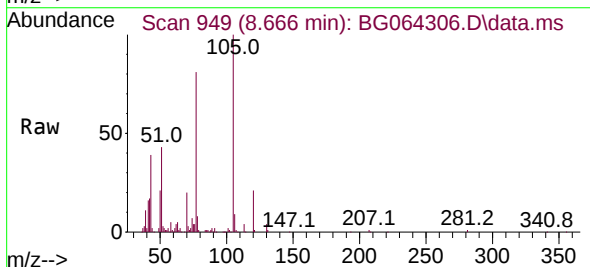
APPROVED

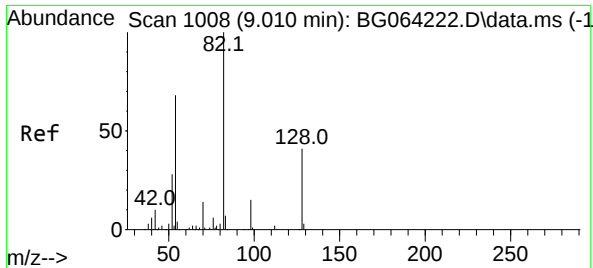
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#22
Acetophenone
Concen: 47.334 ng
RT: 8.666 min Scan# 949
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

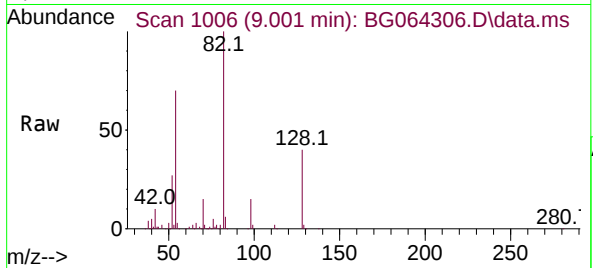
Tgt Ion:105 Resp: 152960
Ion Ratio Lower Upper
105 100
71 3.3 4.3 6.5#
51 43.5 32.4 48.6
120 20.6 16.8 25.2





#23
Nitrobenzene-d5
Concen: 65.537 ng
RT: 9.001 min Scan# 1006
Delta R.T. -0.015 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

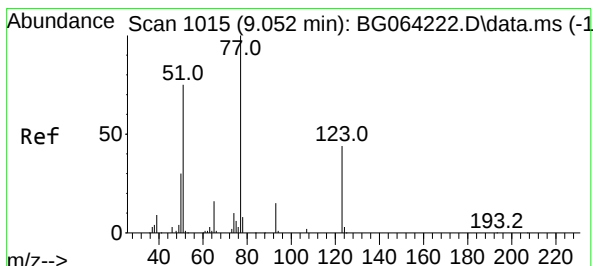
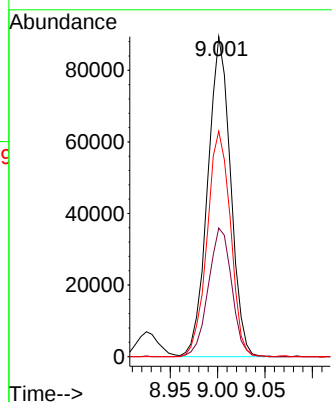
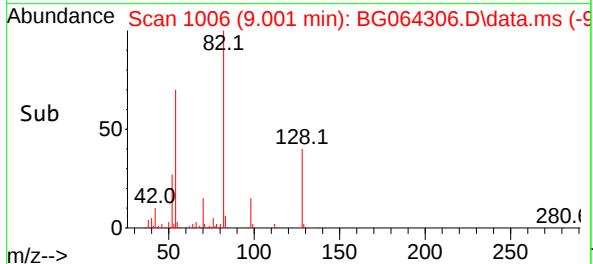
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



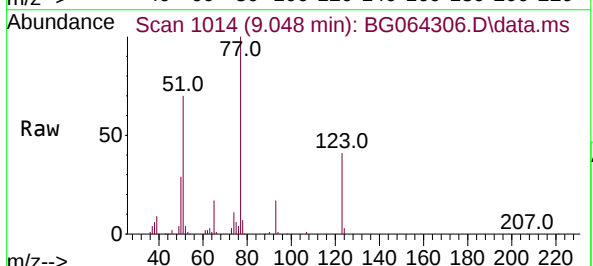
Tgt Ion: 82 Resp: 150103
Ion Ratio Lower Upper
82 100
128 40.2 32.6 48.8
54 70.4 54.7 82.1

Manual Integrations
APPROVED

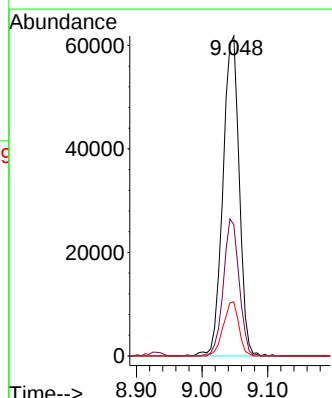
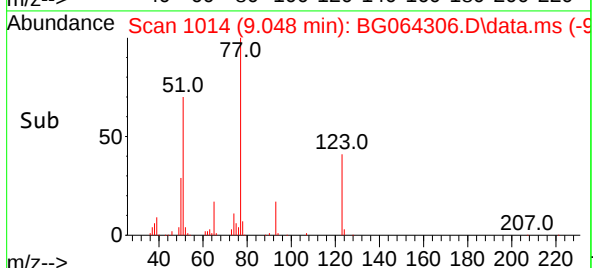
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025

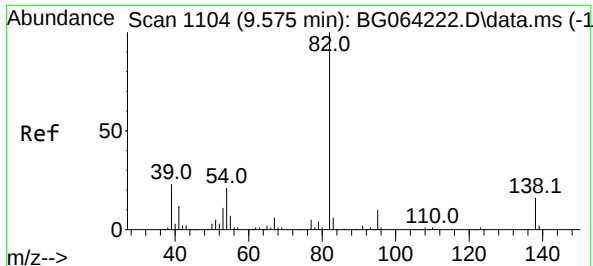


#24
Nitrobenzene
Concen: 44.754 ng
RT: 9.048 min Scan# 1014
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16



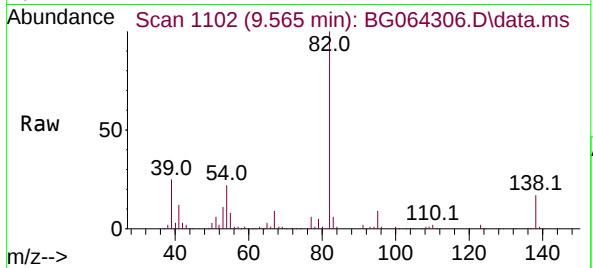
Tgt Ion: 77 Resp: 107095
Ion Ratio Lower Upper
77 100
123 41.0 35.2 52.8
65 16.9 12.6 19.0





#25
Isophorone
Concen: 38.848 ng
RT: 9.565 min Scan# 1102
Delta R.T. -0.021 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

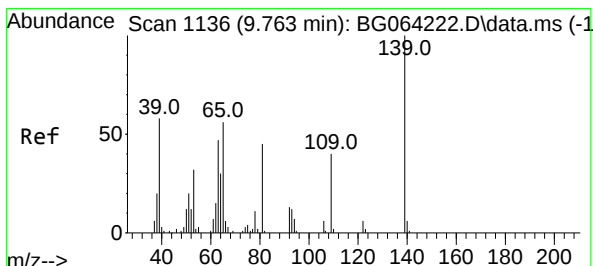
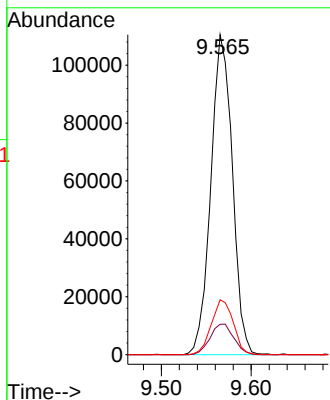
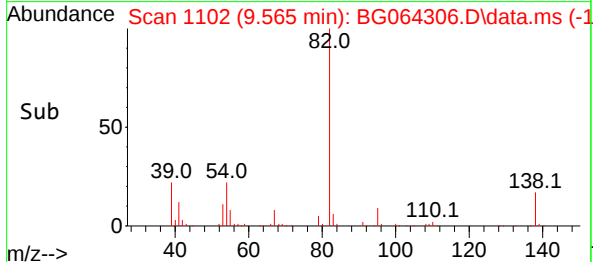
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion: 82 Resp: 184919
Ion Ratio Lower Upper
82 100
95 9.5 7.9 11.9
138 17.1 13.0 19.4

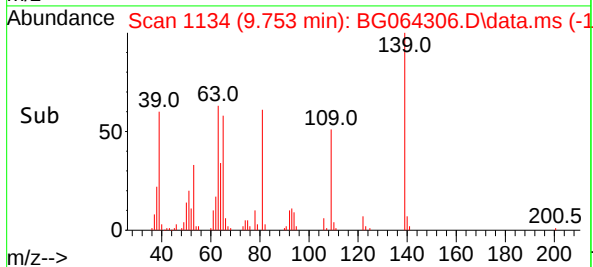
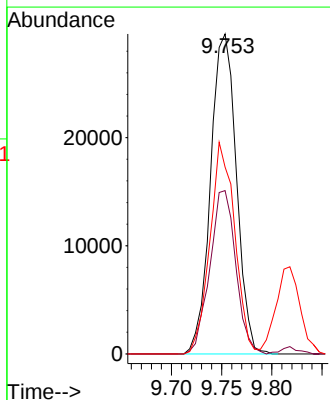
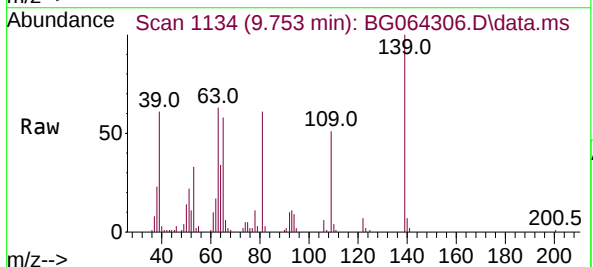
Manual Integrations
APPROVED

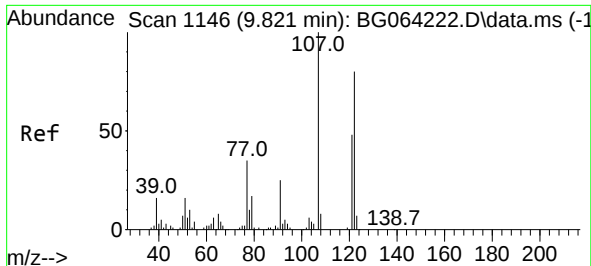
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#26
2-Nitrophenol
Concen: 51.218 ng
RT: 9.753 min Scan# 1134
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

Tgt Ion:139 Resp: 52959
Ion Ratio Lower Upper
139 100
109 51.0 32.4 48.6#
65 58.4 44.6 67.0





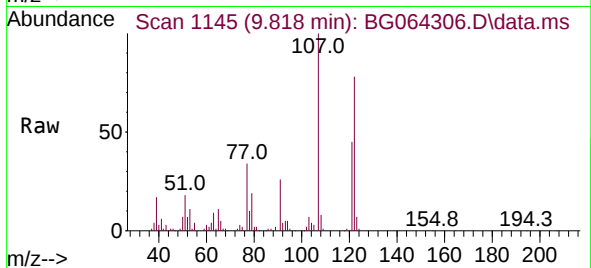
#27
2,4-Dimethylphenol
Concen: 48.322 ng
RT: 9.818 min Scan# 1145
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

Instrument :

BNA_G

ClientSampleId :

TP-1MSD



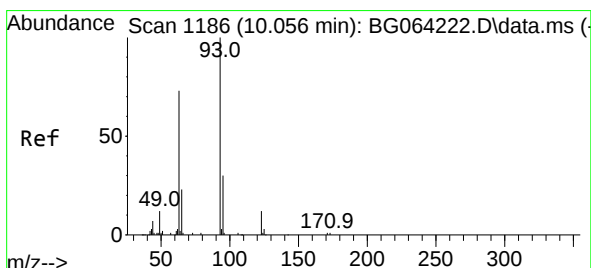
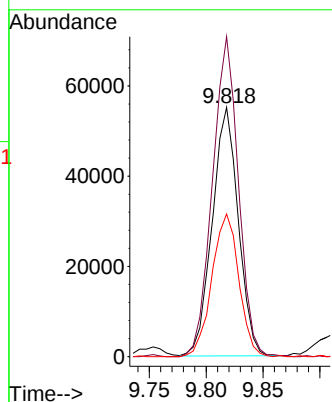
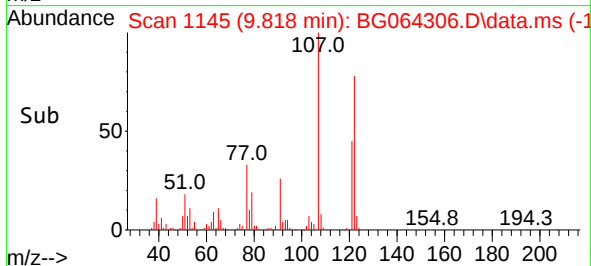
Tgt Ion:122 Resp: 87722
Ion Ratio Lower Upper
122 100
107 128.4 99.9 149.9
121 57.2 48.6 72.8

Manual Integrations

APPROVED

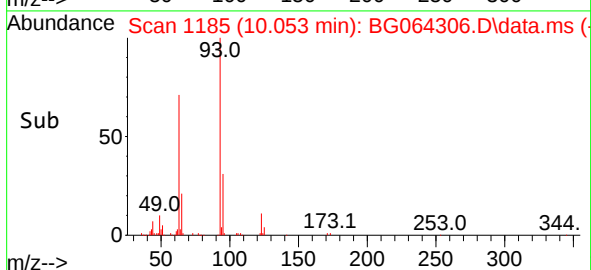
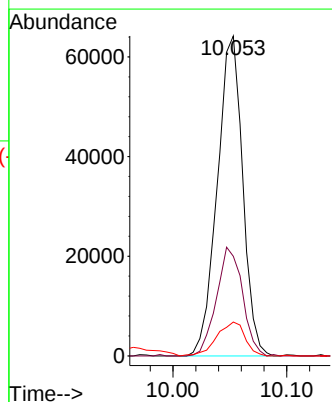
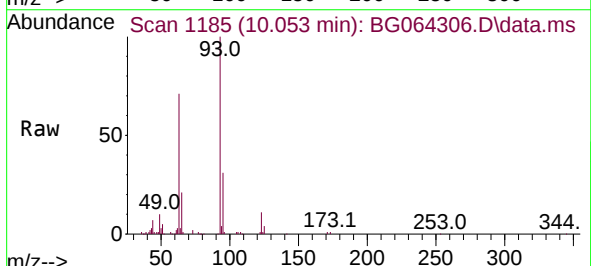
Reviewed By :Rahul Chavli 09/09/2025

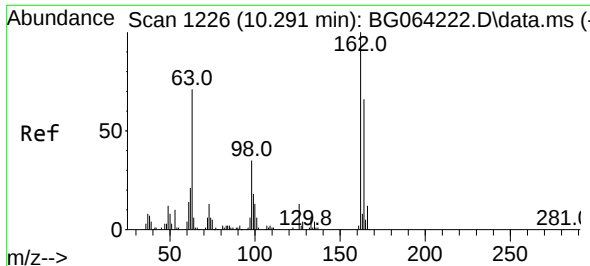
Supervised By :Jagrut Upadhyay 09/09/2025



#28
bis(2-Chloroethoxy)methane
Concen: 38.806 ng
RT: 10.053 min Scan# 1185
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

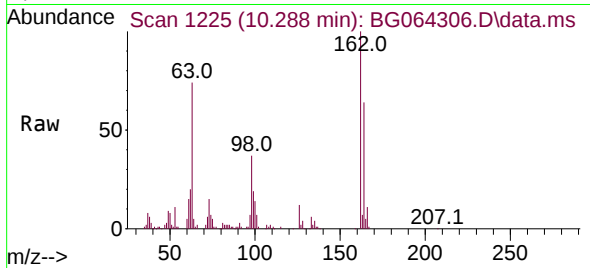
Tgt Ion: 93 Resp: 99603
Ion Ratio Lower Upper
93 100
95 31.2 23.9 35.9
123 10.6 9.6 14.4





#29
2,4-Dichlorophenol
Concen: 48.165 ng
RT: 10.288 min Scan# 1225
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

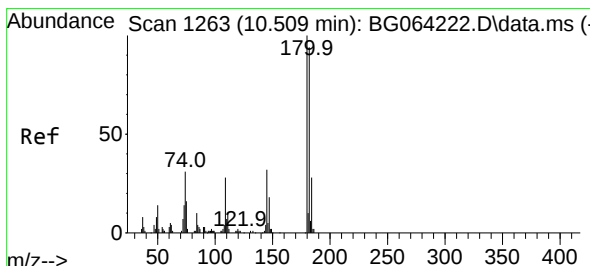
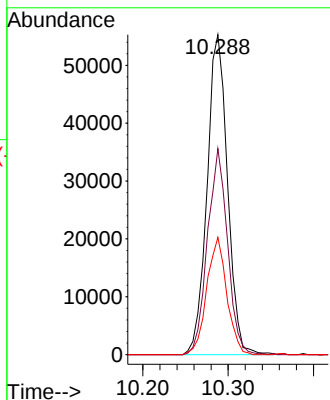
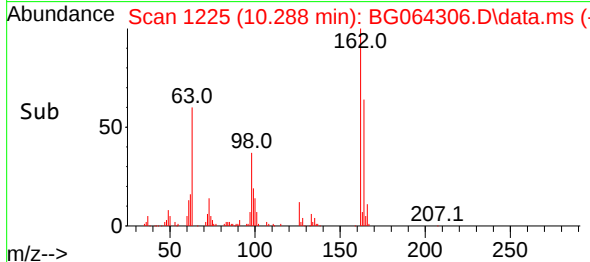
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:162 Resp: 9225
Ion Ratio Lower Upper
162 100
164 64.4 45.8 85.8
98 36.6 15.2 55.2

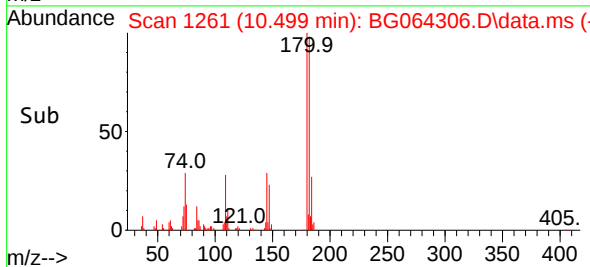
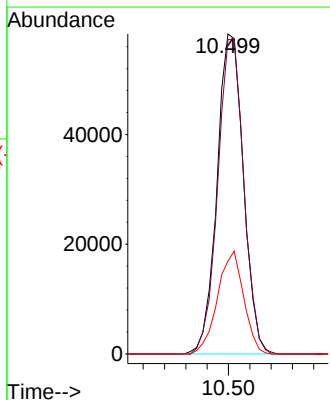
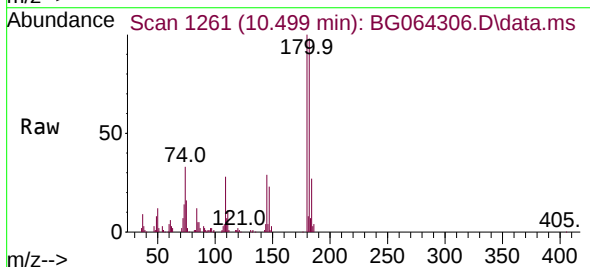
Manual Integrations
APPROVED

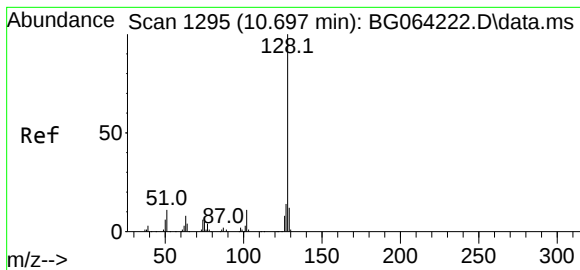
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#30
1,2,4-Trichlorobenzene
Concen: 49.657 ng
RT: 10.499 min Scan# 1261
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

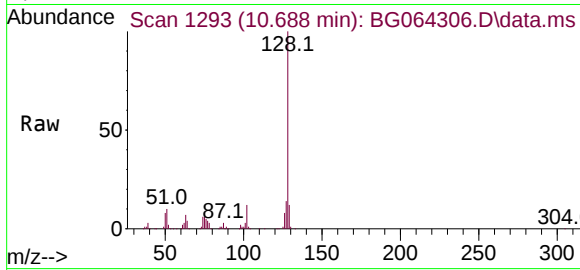
Tgt Ion:180 Resp: 100289
Ion Ratio Lower Upper
180 100
182 98.2 75.0 112.6
145 29.0 25.4 38.0





#31
Naphthalene
Concen: 43.365 ng
RT: 10.688 min Scan# 1173
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

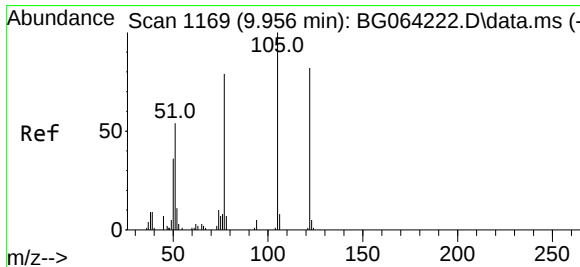
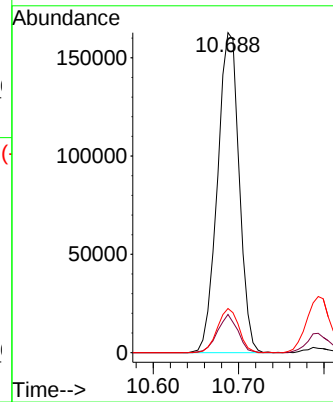
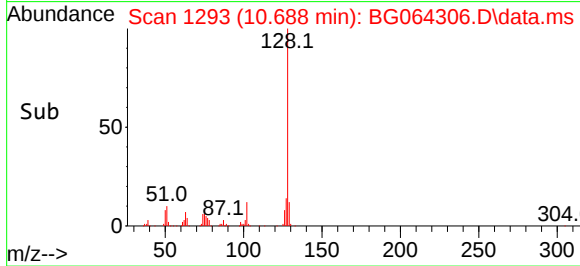
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:128 Resp: 287233
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.2
127 13.8 10.9 16.3

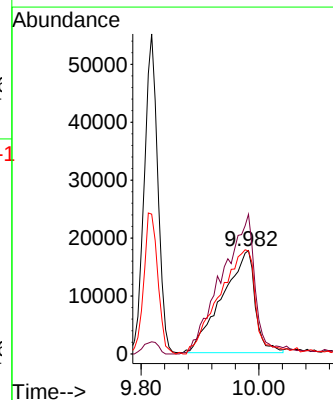
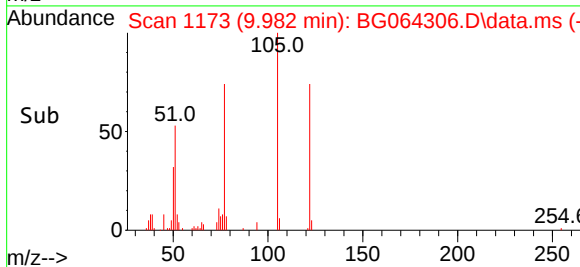
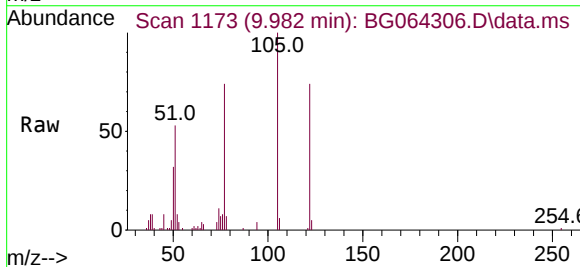
Manual Integrations
APPROVED

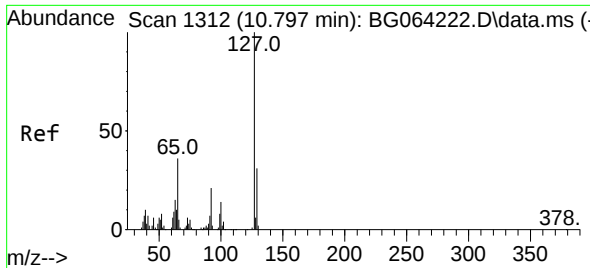
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#32
Benzoic acid
Concen: 47.529 ng
RT: 9.982 min Scan# 1173
Delta R.T. -0.033 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

Tgt Ion:122 Resp: 68491
Ion Ratio Lower Upper
122 100
105 135.1 98.5 138.5
77 99.7 74.6 114.6





#33
4-Chloroaniline
Concen: 21.662 ng
RT: 10.793 min Scan# 1311
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

Instrument :

BNA_G

ClientSampleId :

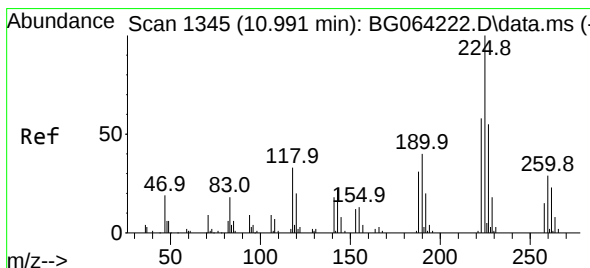
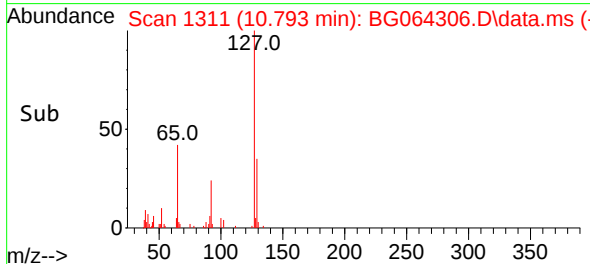
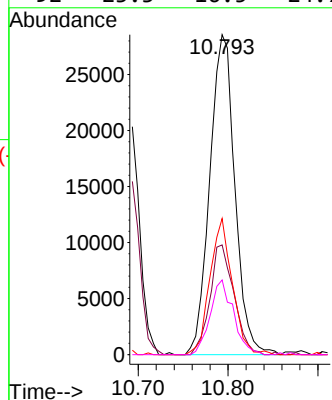
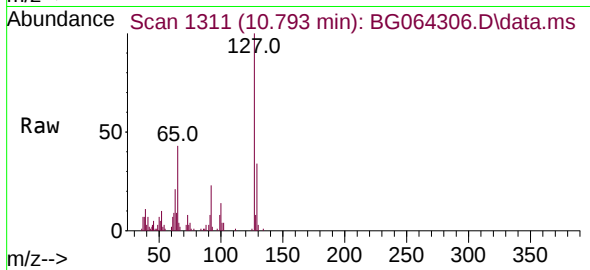
TP-1MSD

Tgt Ion:127 Resp: 5561
Ion Ratio Lower Upper
127 100
129 34.3 25.0 37.4
65 42.5 28.7 43.1
92 23.3 16.5 24.7

Manual Integrations

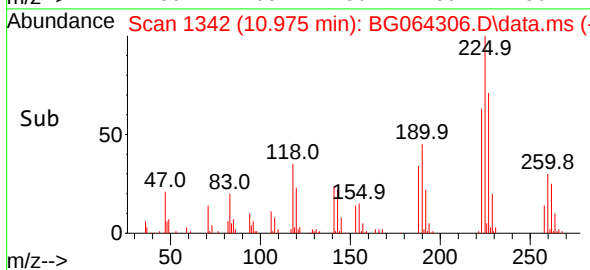
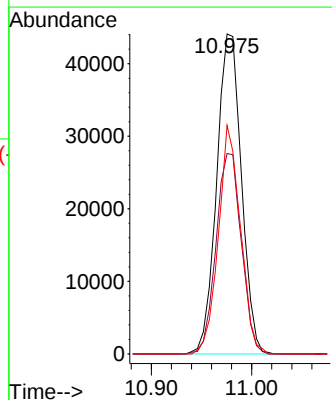
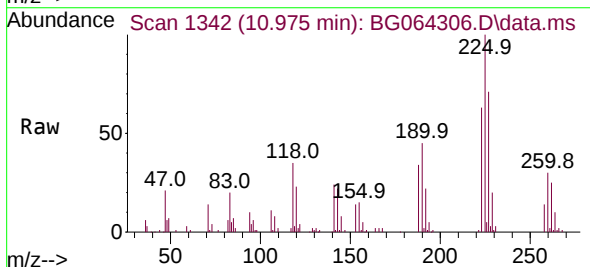
APPROVED

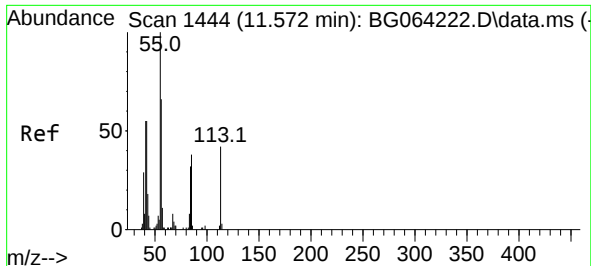
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#34
Hexachlorobutadiene
Concen: 50.696 ng
RT: 10.975 min Scan# 1342
Delta R.T. -0.015 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

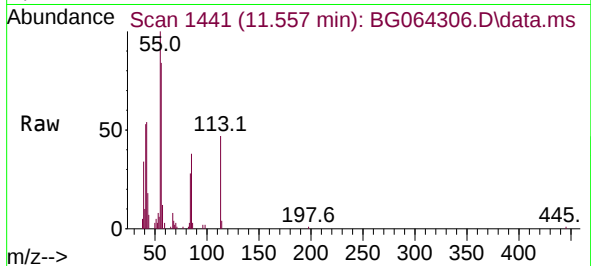
Tgt Ion:225 Resp: 75683
Ion Ratio Lower Upper
225 100
223 62.6 46.5 69.7
227 71.4 44.1 66.1#





#35
Caprolactam
Concen: 40.028 ng m
RT: 11.557 min Scan# 14
Delta R.T. -0.045 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

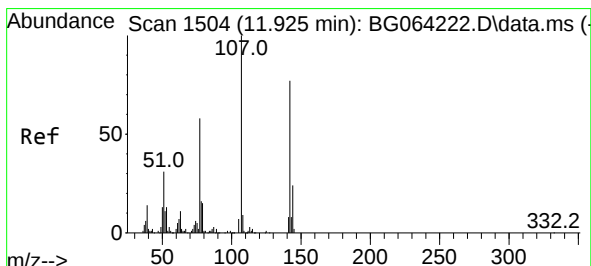
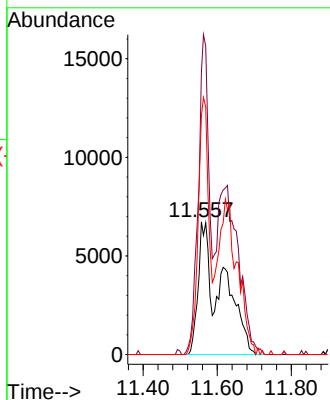
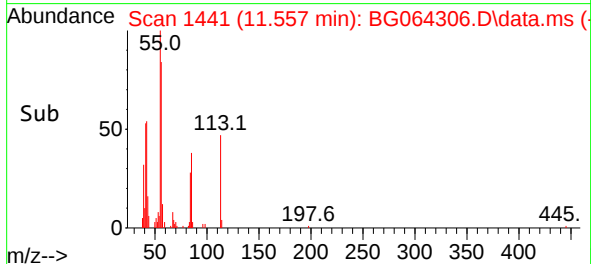
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:113 Resp: 29688
Ion Ratio Lower Upper
113 100
55 212.7 218.5 258.5
56 179.7 138.5 178.5

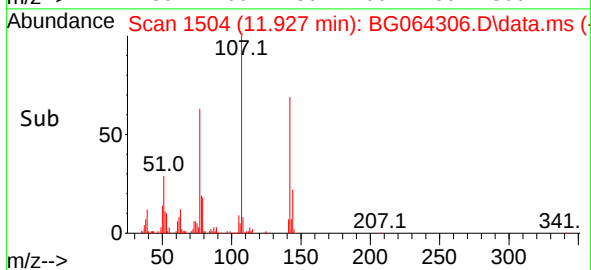
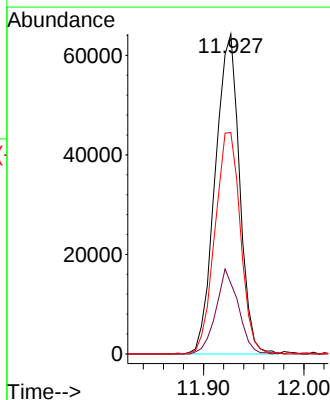
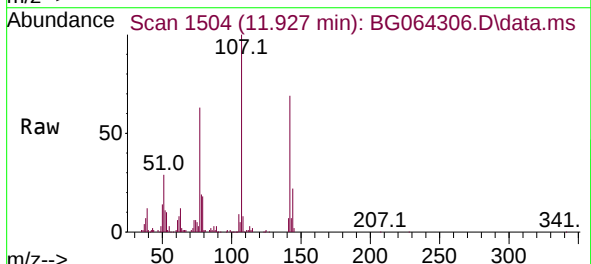
Manual Integrations
APPROVED

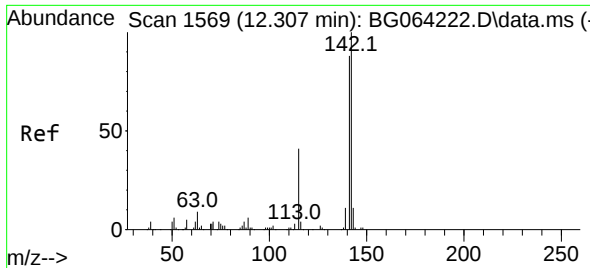
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#36
4-Chloro-3-methylphenol
Concen: 43.589 ng
RT: 11.927 min Scan# 1504
Delta R.T. -0.004 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

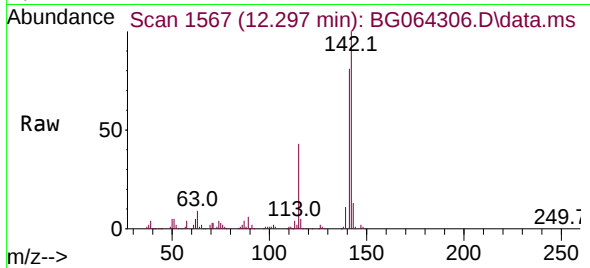
Tgt Ion:107 Resp: 108328
Ion Ratio Lower Upper
107 100
144 22.0 19.5 29.3
142 69.2 62.0 93.0





#37
2-Methylnaphthalene
Concen: 39.904 ng
RT: 12.297 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

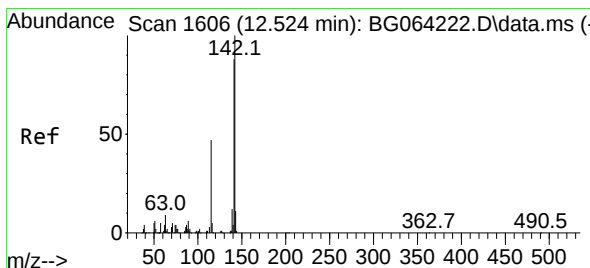
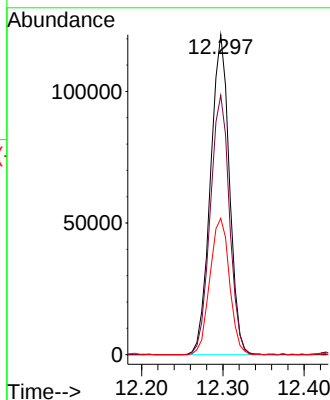
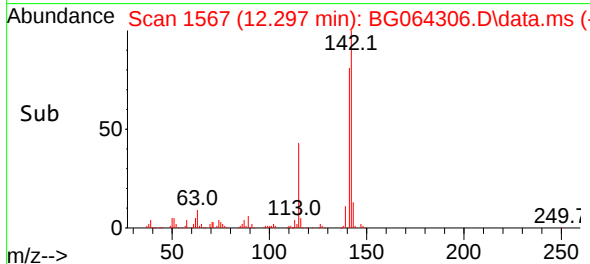
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:142 Resp: 196464
Ion Ratio Lower Upper
142 100
141 81.0 70.1 105.1
115 42.6 33.1 49.7

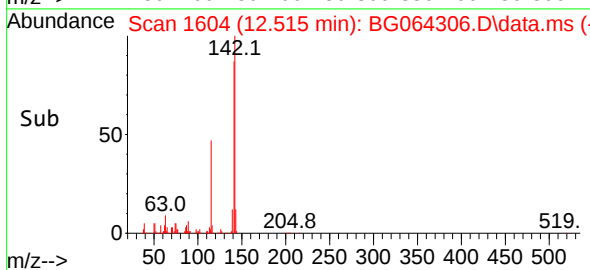
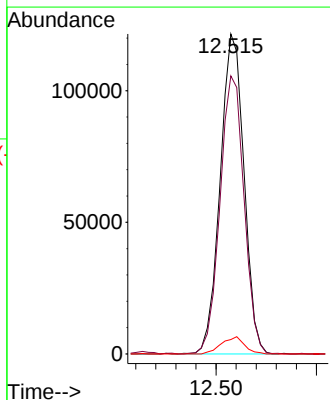
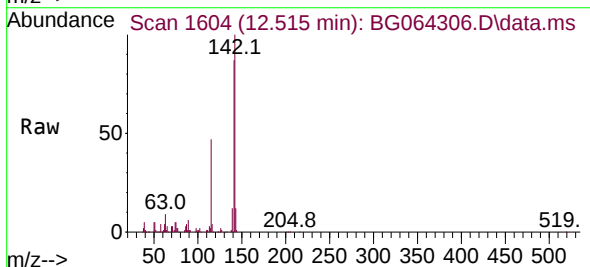
Manual Integrations
APPROVED

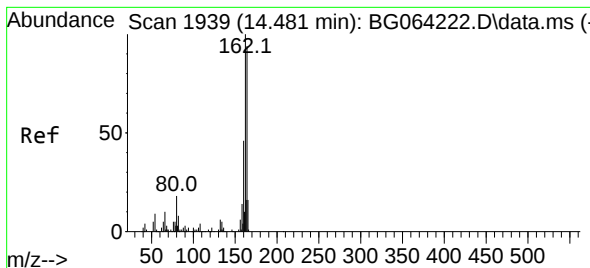
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#38
1-Methylnaphthalene
Concen: 41.199 ng
RT: 12.515 min Scan# 1604
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

Tgt Ion:142 Resp: 200348
Ion Ratio Lower Upper
142 100
141 86.9 70.3 105.5
116 4.5 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.477 min Scan# 1939

Delta R.T. -0.004 min

Lab File: BG064306.D

Acq: 8 Sep 2025 14:16

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:164 Resp: 90170

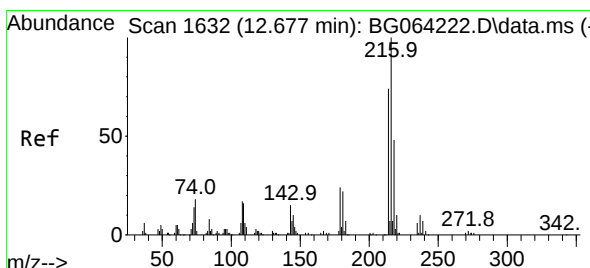
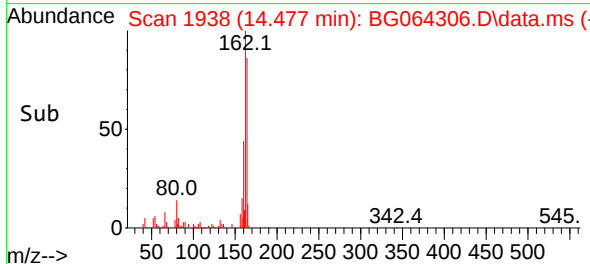
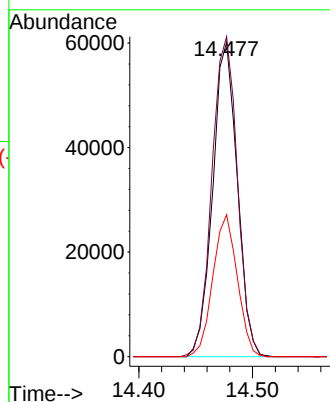
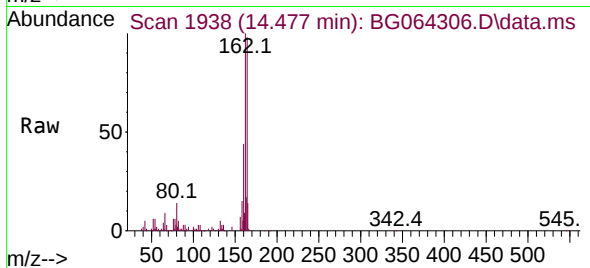
Ion	Ratio	Lower	Upper
164	100		
162	101.8	85.4	128.0
160	45.1	39.2	58.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/09/2025

Supervised By :Jagrut Upadhyay 09/09/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.787 ng

RT: 12.668 min Scan# 1630

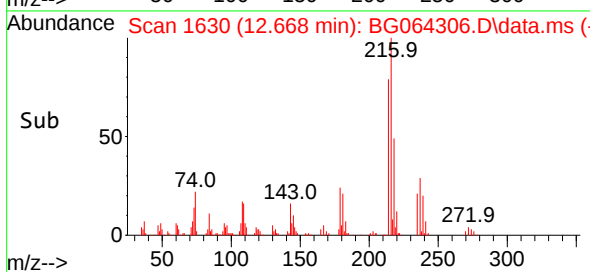
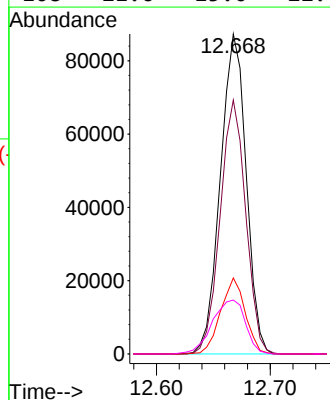
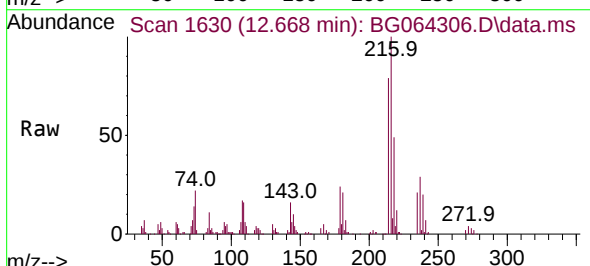
Delta R.T. -0.009 min

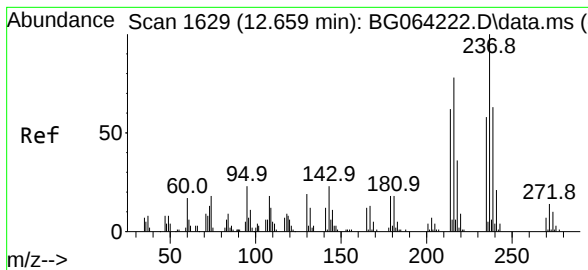
Lab File: BG064306.D

Acq: 8 Sep 2025 14:16

Tgt Ion:216 Resp: 137336

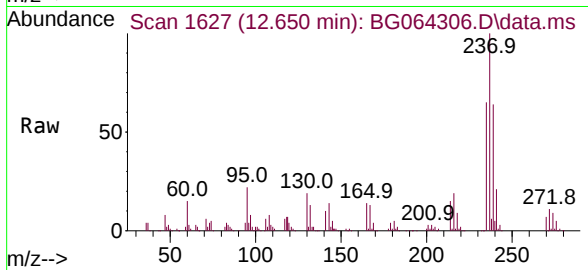
Ion	Ratio	Lower	Upper
216	100		
214	78.5	61.9	92.9
179	22.6	17.9	26.9
108	21.6	15.0	22.4





#41
Hexachlorocyclopentadiene
Concen: 140.890 ng
RT: 12.650 min Scan# 1627
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

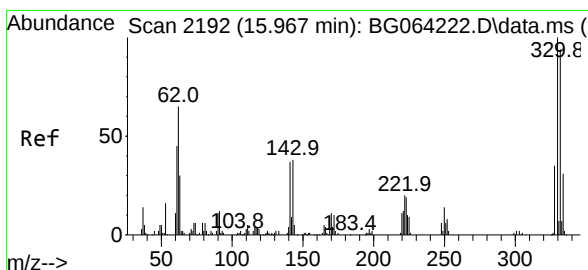
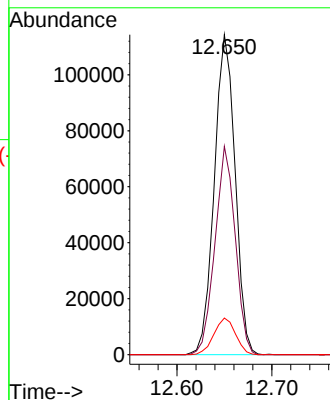
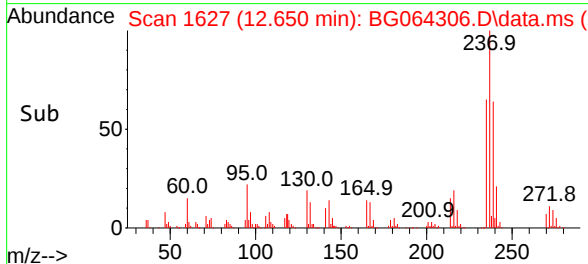
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



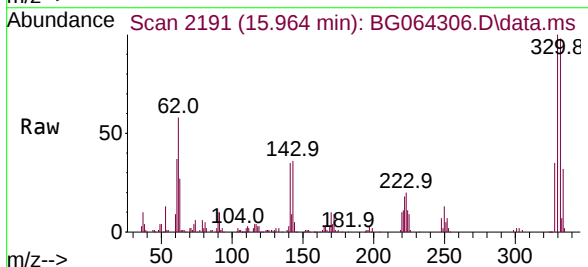
Tgt Ion:237 Resp: 174210
Ion Ratio Lower Upper
237 100
235 65.1 37.9 77.9
272 11.4 0.0 33.8

Manual Integrations
APPROVED

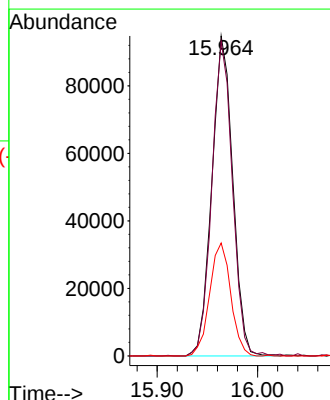
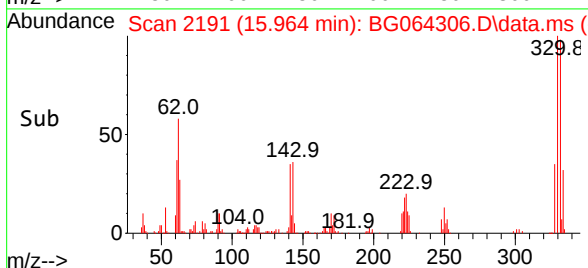
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025

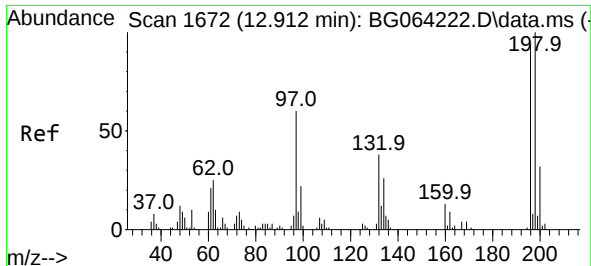


#42
2,4,6-Tribromophenol
Concen: 114.471 ng
RT: 15.964 min Scan# 2191
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16



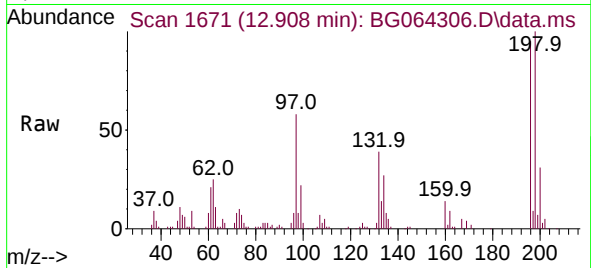
Tgt Ion:330 Resp: 136717
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 35.7 29.8 44.6





#43
2,4,6-Trichlorophenol
Concen: 46.414 ng
RT: 12.908 min Scan# 1671
Delta R.T. -0.004 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

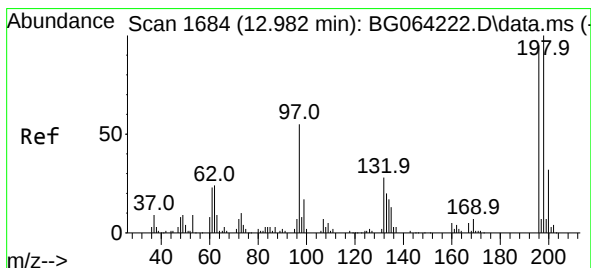
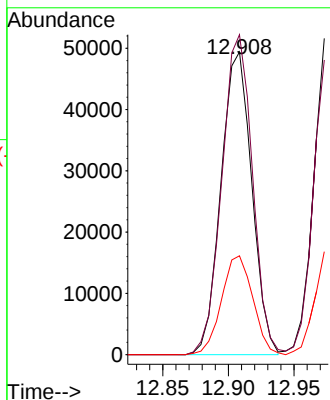
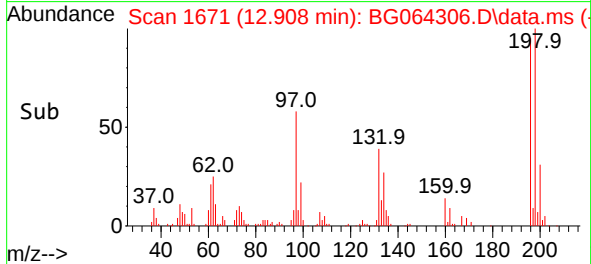
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



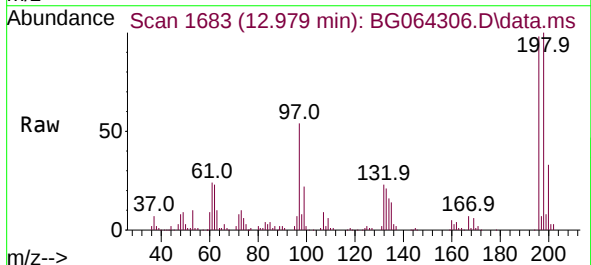
Tgt Ion:196 Resp: 80711
Ion Ratio Lower Upper
196 100
198 105.7 85.4 128.2
200 32.7 27.3 40.9

Manual Integrations
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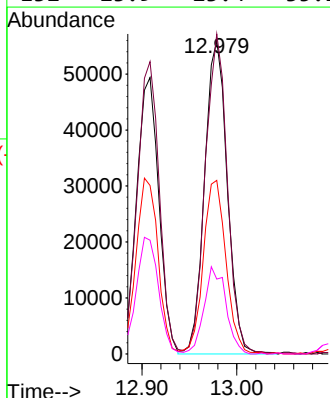
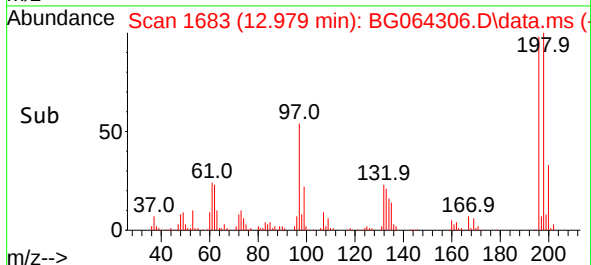
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025

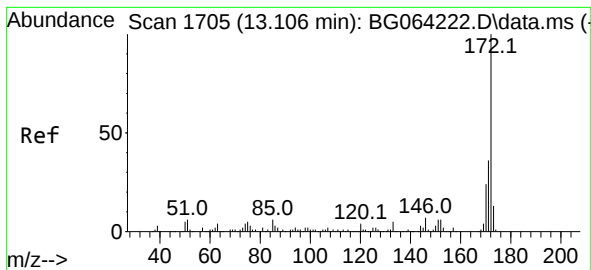


#44
2,4,5-Trichlorophenol
Concen: 49.422 ng
RT: 12.979 min Scan# 1683
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16



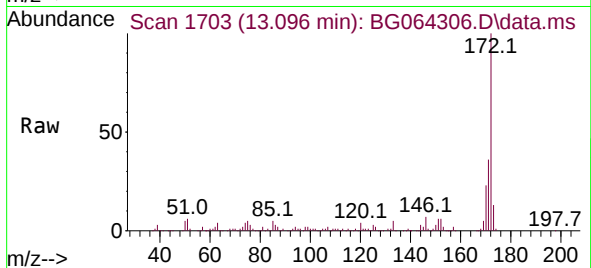
Tgt Ion:196 Resp: 93226
Ion Ratio Lower Upper
196 100
198 102.2 84.5 126.7
97 55.4 46.8 70.2
132 23.9 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 61.796 ng
RT: 13.096 min Scan# 1705
Delta R.T. -0.015 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

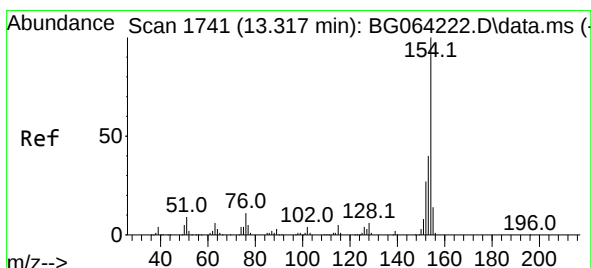
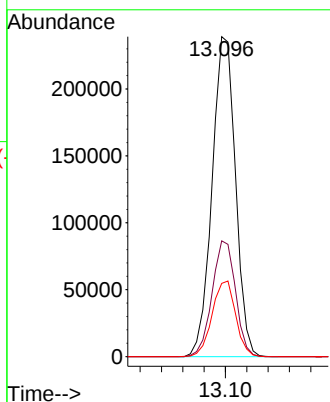
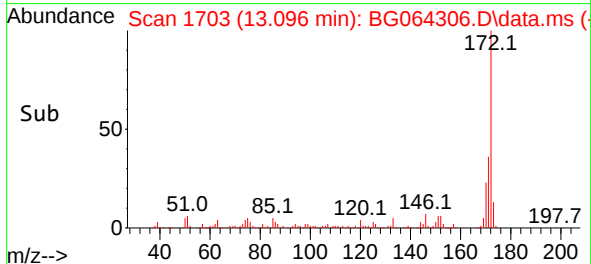
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



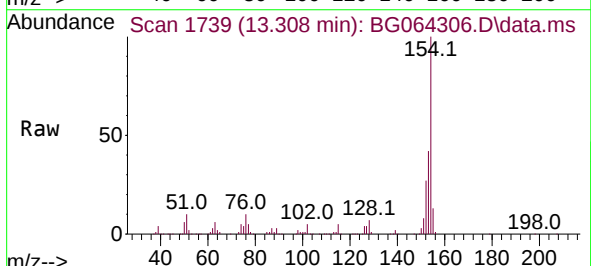
Tgt Ion:172 Resp: 365060
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 22.9 19.0 28.6

Manual Integrations
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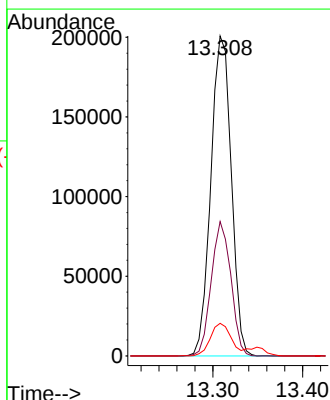
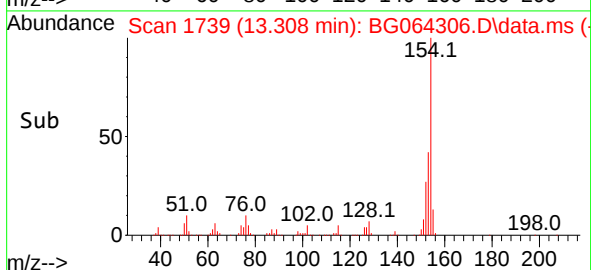
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025

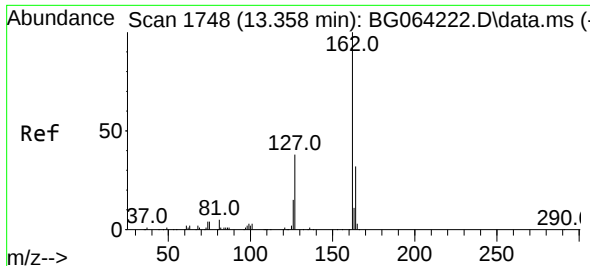


#46
1,1'-Biphenyl
Concen: 48.494 ng
RT: 13.308 min Scan# 1739
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16



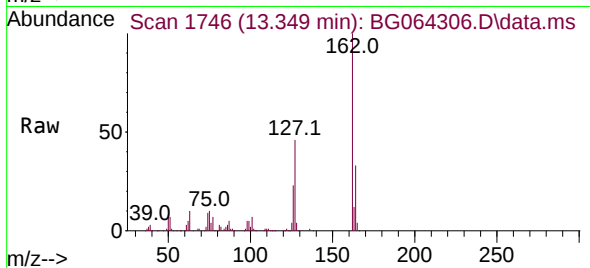
Tgt Ion:154 Resp: 318483
Ion Ratio Lower Upper
154 100
153 42.0 19.9 59.9
76 10.2 0.0 30.9





#47
2-Chloronaphthalene
Concen: 43.459 ng
RT: 13.349 min Scan# 1746
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

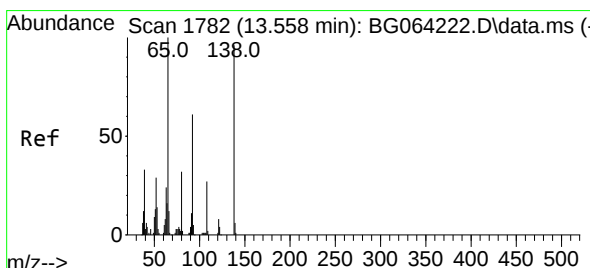
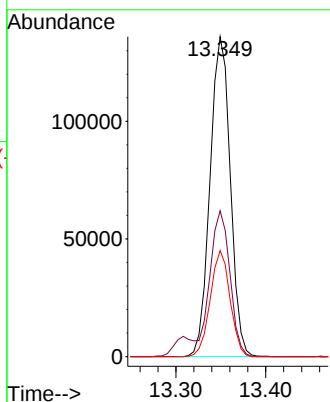
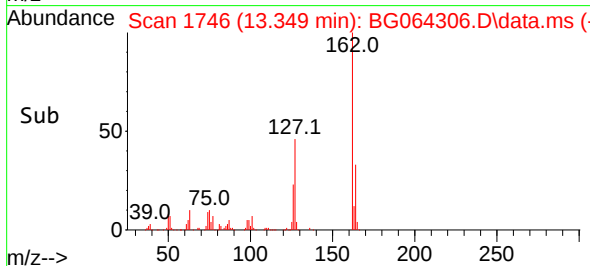
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:162 Resp: 214573
Ion Ratio Lower Upper
162 100
127 45.6 33.9 50.9
164 33.1 25.4 38.2

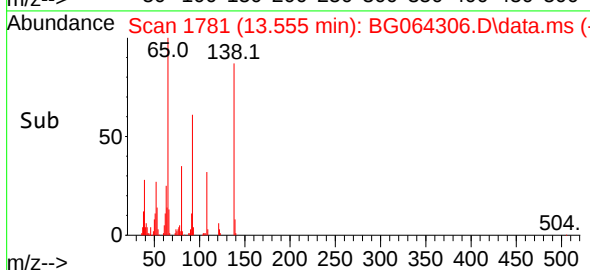
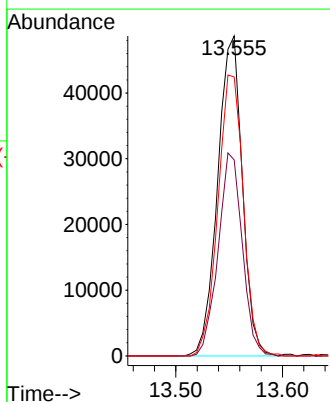
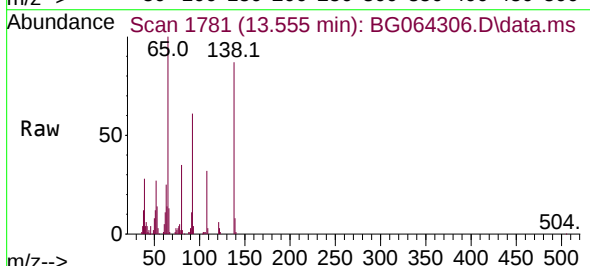
Manual Integrations
APPROVED

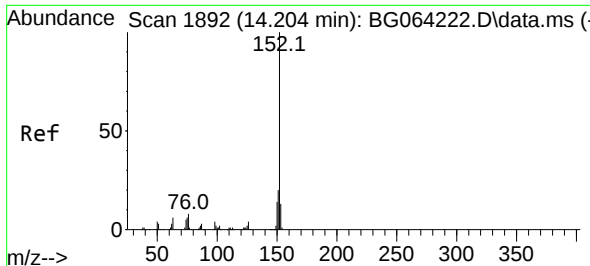
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#48
2-Nitroaniline
Concen: 46.645 ng
RT: 13.555 min Scan# 1781
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

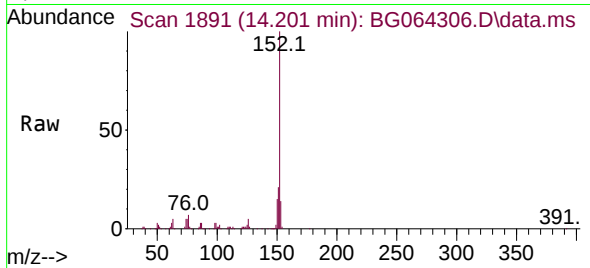
Tgt Ion: 65 Resp: 78496
Ion Ratio Lower Upper
65 100
92 61.2 49.2 73.8
138 87.2 76.8 115.2





#49
Acenaphthylene
Concen: 50.489 ng
RT: 14.201 min Scan# 1891
Delta R.T. -0.004 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

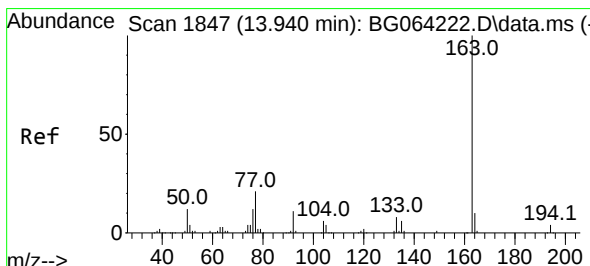
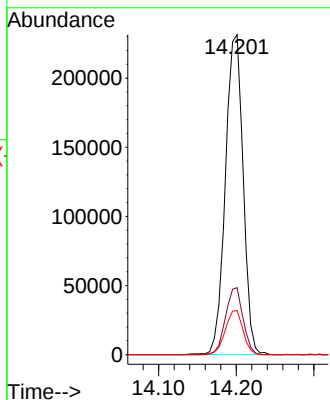
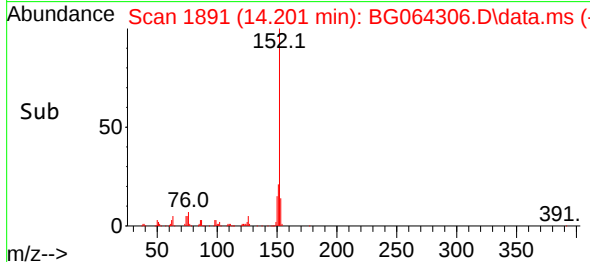
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:152 Resp: 368499
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.2
153 13.8 10.1 15.1

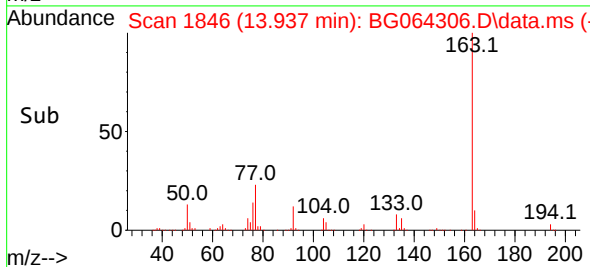
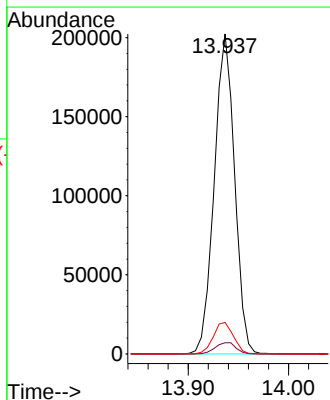
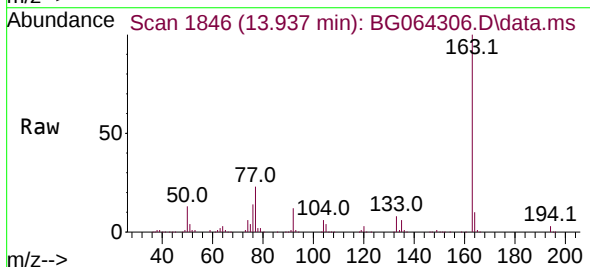
Manual Integrations
APPROVED

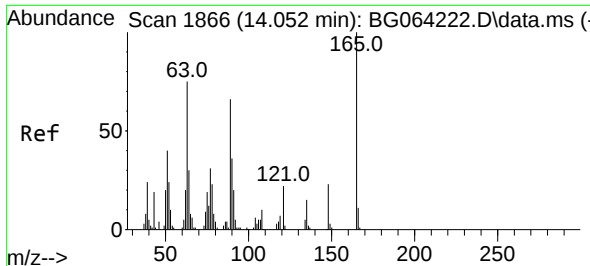
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#50
Dimethylphthalate
Concen: 41.723 ng
RT: 13.937 min Scan# 1846
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

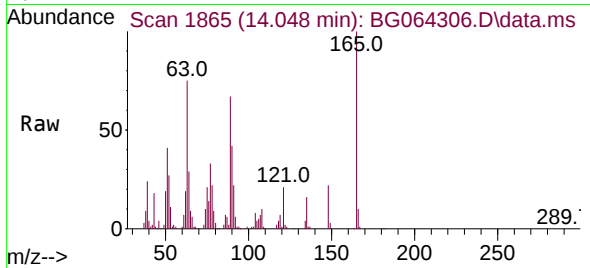
Tgt Ion:163 Resp: 284762
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 9.8 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 47.850 ng
RT: 14.048 min Scan# 1866
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

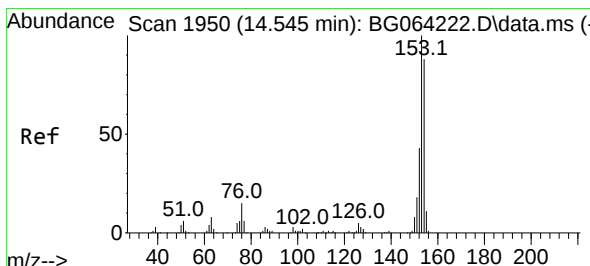
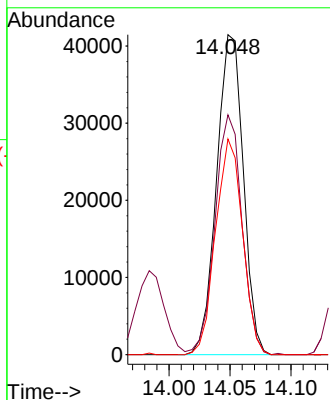
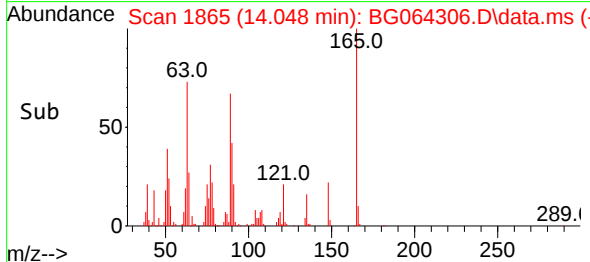
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



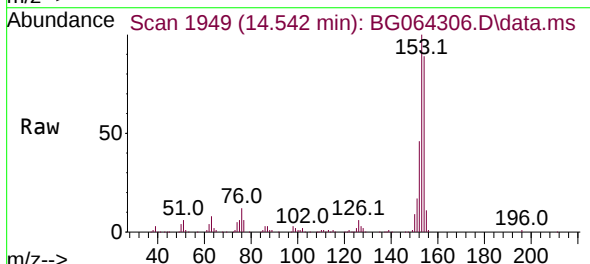
Tgt Ion:165 Resp: 63224
Ion Ratio Lower Upper
165 100
63 74.9 60.3 90.5
89 67.4 52.9 79.3

Manual Integrations
APPROVED

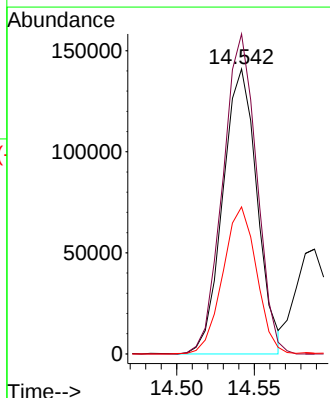
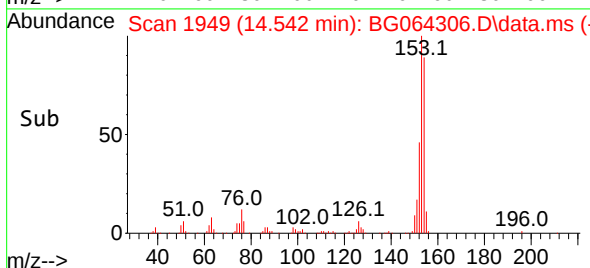
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025

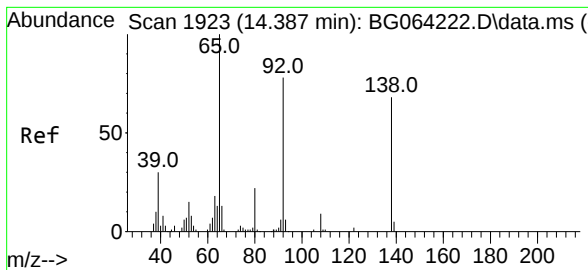


#52
Acenaphthene
Concen: 42.159 ng
RT: 14.542 min Scan# 1949
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16



Tgt Ion:154 Resp: 217148
Ion Ratio Lower Upper
154 100
153 112.4 91.1 136.7
152 51.6 39.6 59.4





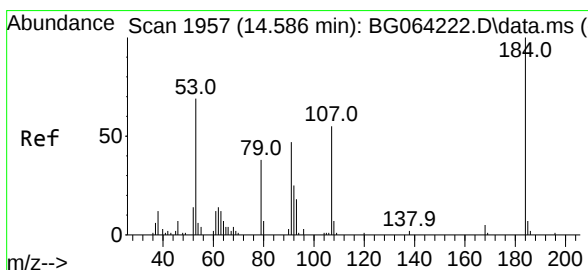
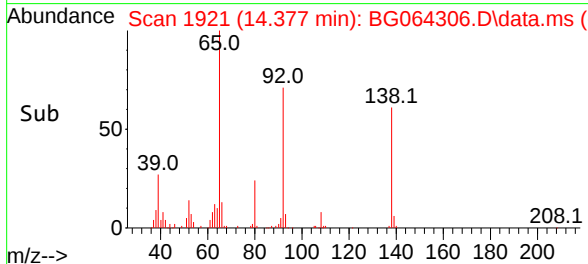
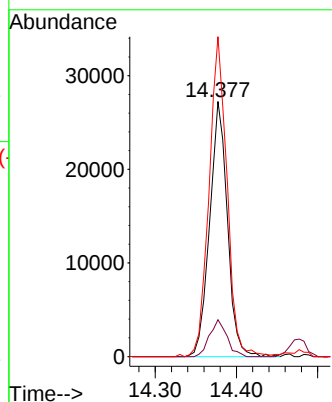
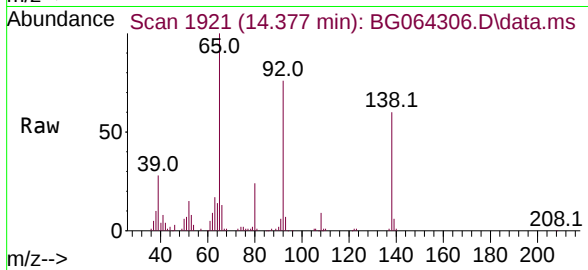
#53
3-Nitroaniline
Concen: 29.903 ng
RT: 14.377 min Scan# 1923
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion:138 Resp: 4138
Ion Ratio Lower Upper
138 100
108 15.1 11.0 16.6
92 125.4 91.4 137.0

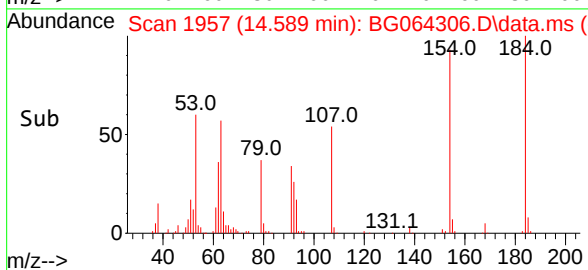
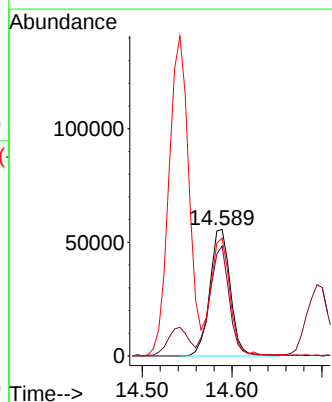
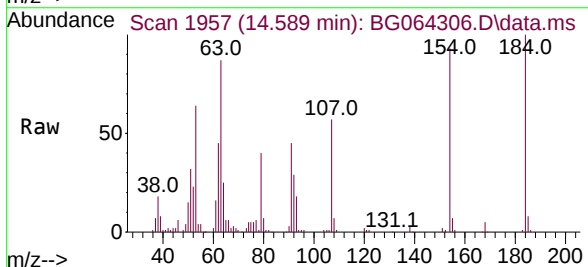
Manual Integrations
APPROVED

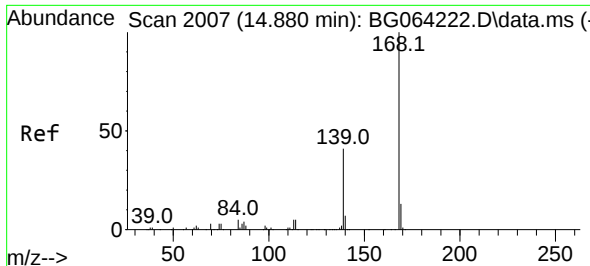
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#54
2,4-Dinitrophenol
Concen: 100.539 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.003 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

Tgt Ion:184 Resp: 88140
Ion Ratio Lower Upper
184 100
63 86.9 60.1 90.1
154 93.1 59.8 89.8#





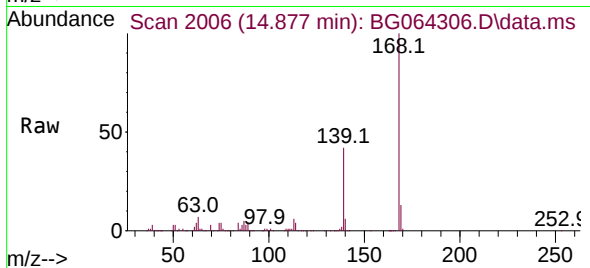
#55
Dibenzofuran
Concen: 44.051 ng
RT: 14.877 min Scan# 2007
Delta R.T. -0.004 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

Instrument :

BNA_G

ClientSampleId :

TP-1MSD



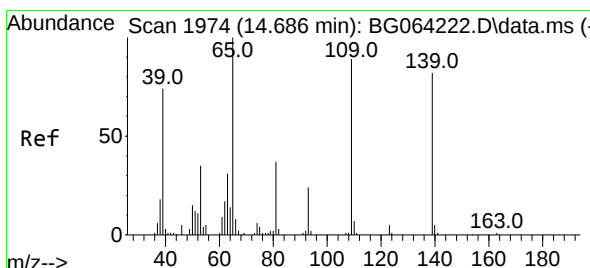
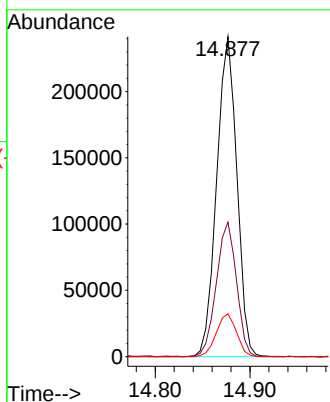
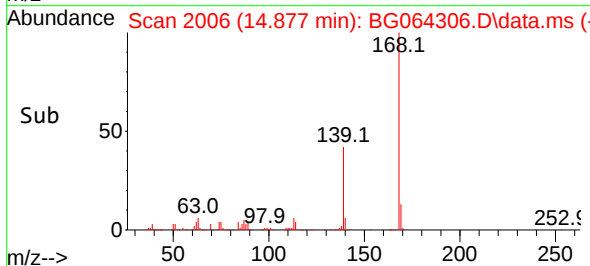
Tgt Ion:168 Resp: 356889
Ion Ratio Lower Upper
168 100
139 42.0 33.2 49.8
169 13.4 10.4 15.6

Manual Integrations

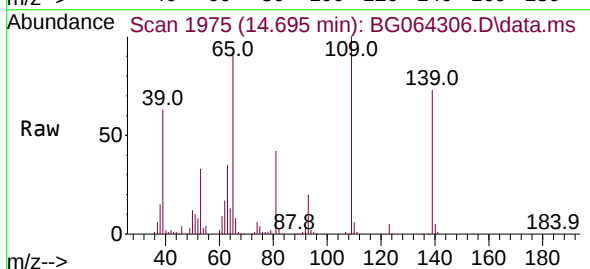
APPROVED

Reviewed By :Rahul Chavli 09/09/2025

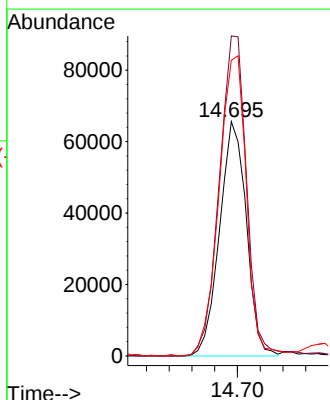
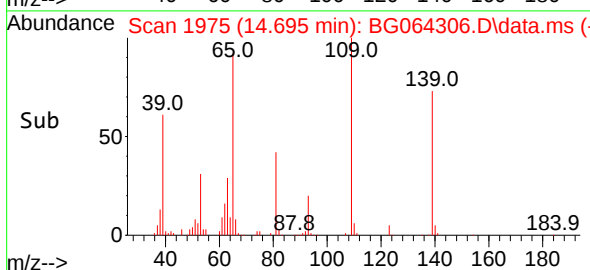
Supervised By :Jagrut Upadhyay 09/09/2025

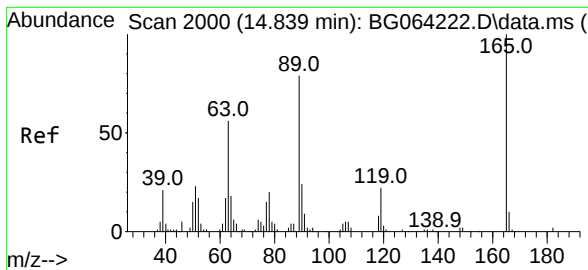


#56
4-Nitrophenol
Concen: 94.353 ng
RT: 14.695 min Scan# 1975
Delta R.T. -0.004 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16



Tgt Ion:139 Resp: 107122
Ion Ratio Lower Upper
139 100
109 136.6 89.1 129.1#
65 126.2 102.9 142.9





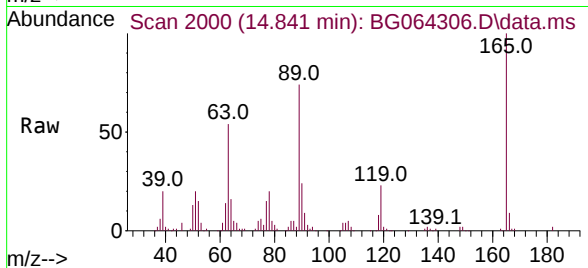
#57
2,4-Dinitrotoluene
Concen: 49.293 ng
RT: 14.841 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

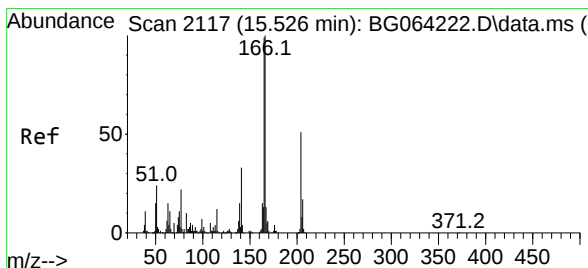
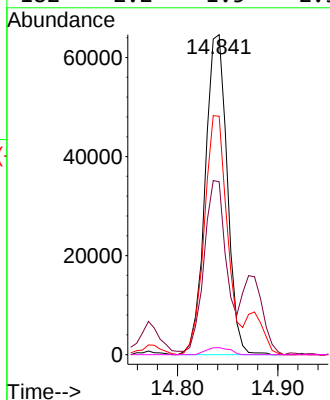
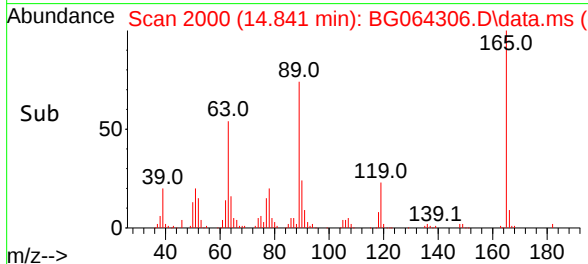


Tgt Ion:165 Resp: 98479
Ion Ratio Lower Upper
165 100
63 54.0 44.6 67.0
89 74.5 63.0 94.4
182 2.2 1.5 2.3

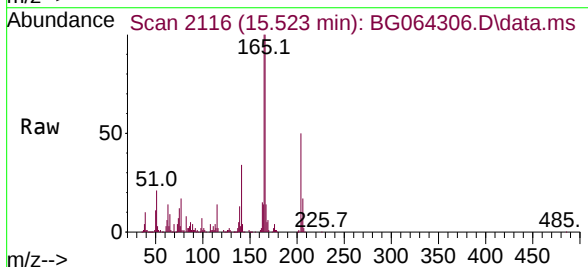
Manual Integrations

APPROVED

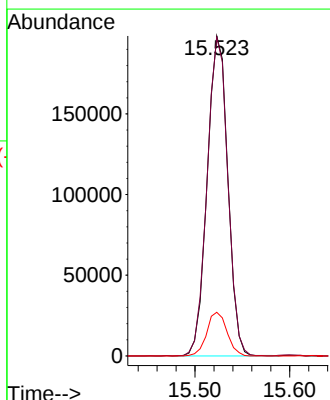
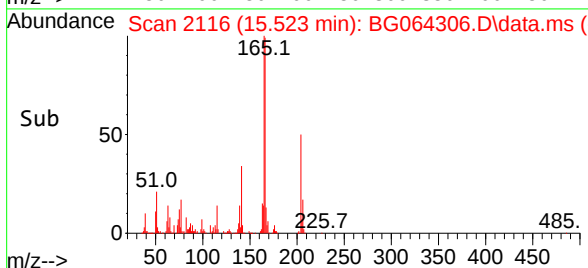
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025

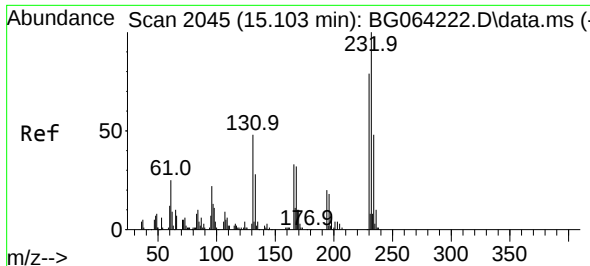


#58
Fluorene
Concen: 45.126 ng
RT: 15.523 min Scan# 2116
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16



Tgt Ion:166 Resp: 299648
Ion Ratio Lower Upper
166 100
165 99.6 79.1 118.7
167 13.6 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.893 ng
RT: 15.100 min Scan# 2044
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

Instrument :

BNA_G

ClientSampleId :

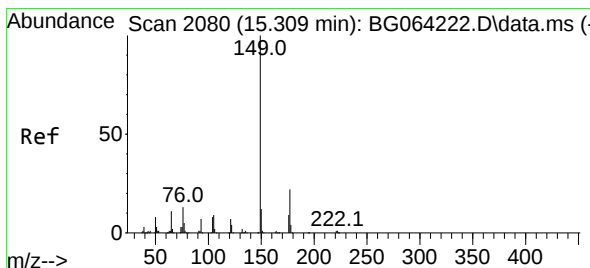
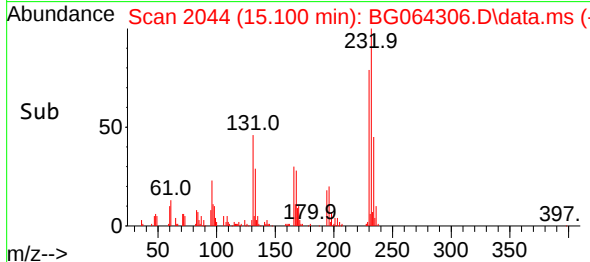
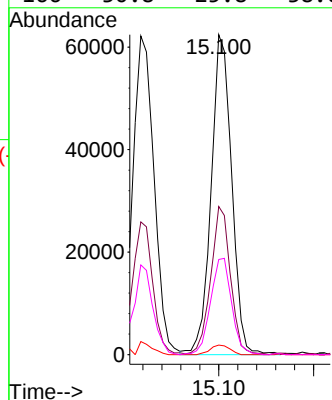
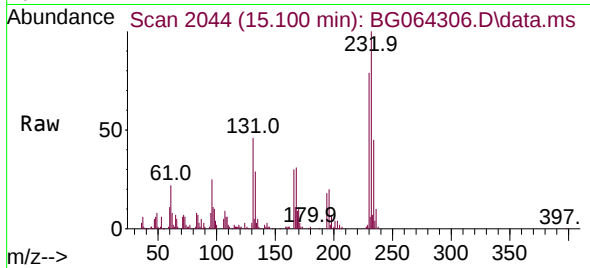
TP-1MSD

Tgt Ion:232 Resp: 94150
Ion Ratio Lower Upper
232 100
131 44.3 37.1 55.7
130 2.8 2.6 3.8
166 30.8 25.8 38.6

Manual Integrations

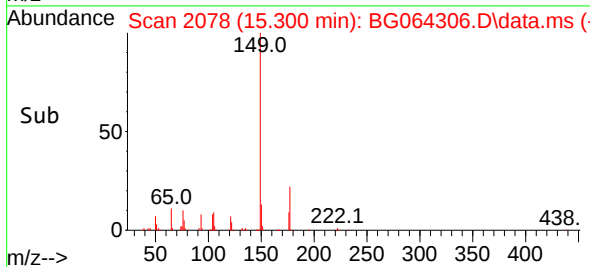
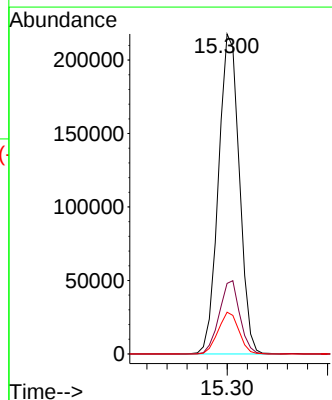
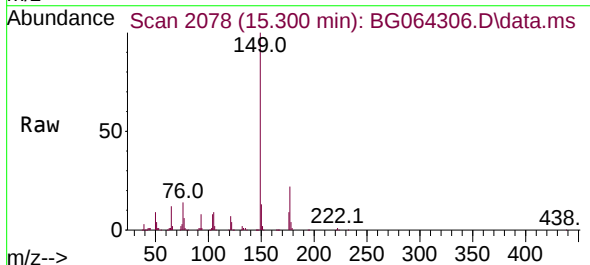
APPROVED

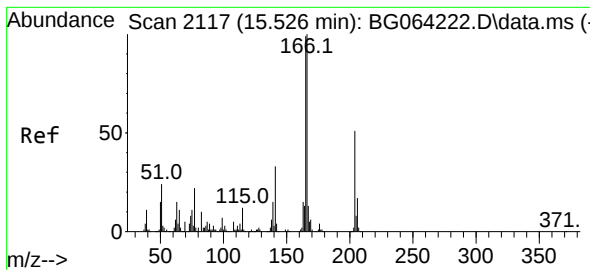
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#60
Diethylphthalate
Concen: 43.119 ng
RT: 15.300 min Scan# 2078
Delta R.T. -0.015 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

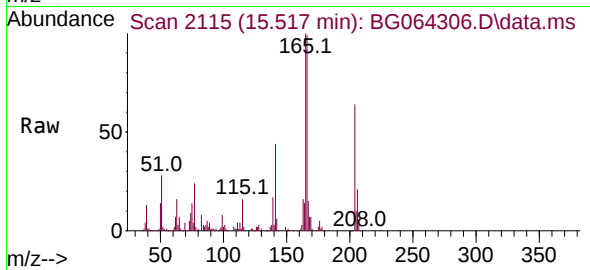
Tgt Ion:149 Resp: 314958
Ion Ratio Lower Upper
149 100
177 22.0 17.5 26.3
150 13.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 45.745 ng
RT: 15.517 min Scan# 2115
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

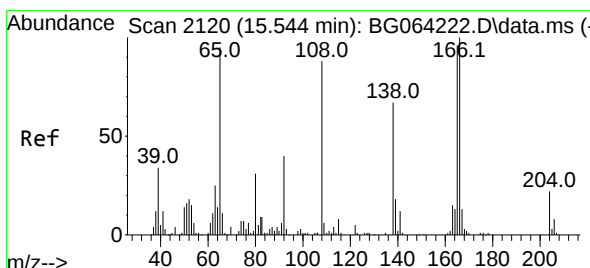
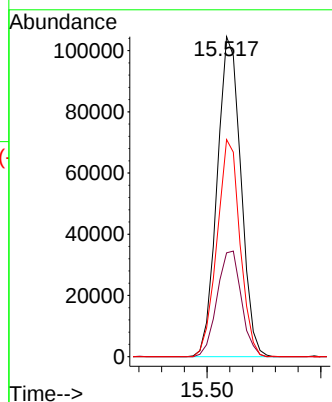
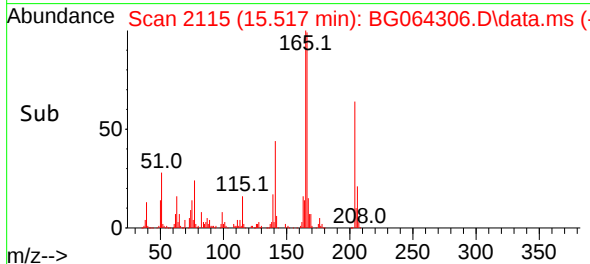
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:204 Resp: 151456
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.4
141 67.8 51.9 77.9

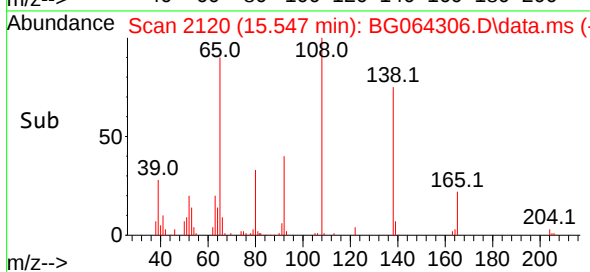
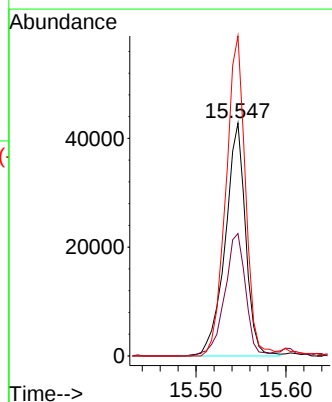
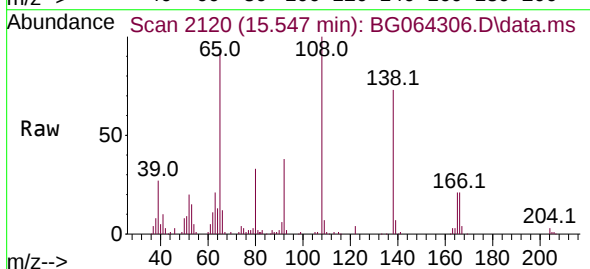
Manual Integrations
APPROVED

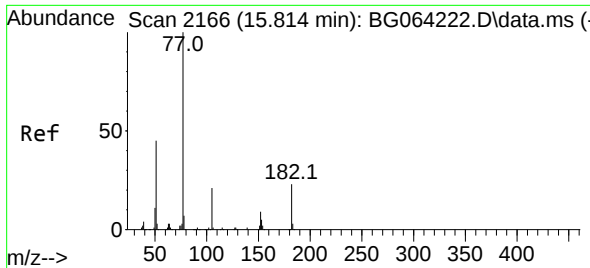
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#62
4-Nitroaniline
Concen: 47.833 ng
RT: 15.547 min Scan# 2120
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

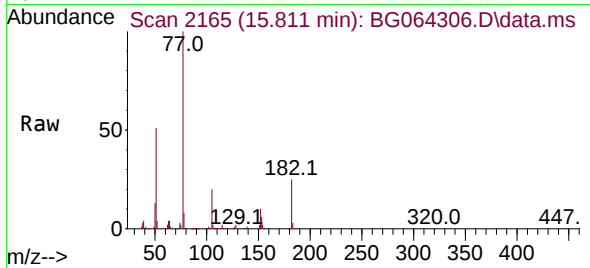
Tgt Ion:138 Resp: 67555
Ion Ratio Lower Upper
138 100
92 52.6 39.1 79.1
108 137.5 111.3 151.3





#63
Azobenzene
Concen: 46.440 ng
RT: 15.811 min Scan# 2165
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

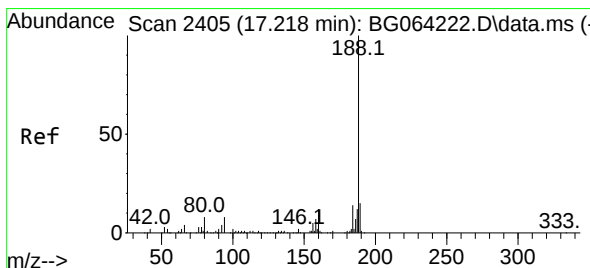
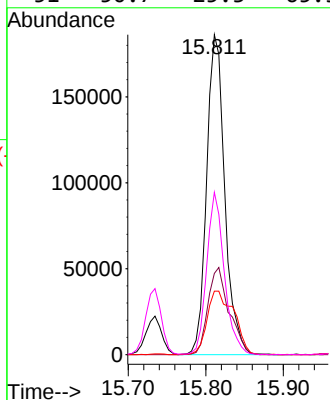
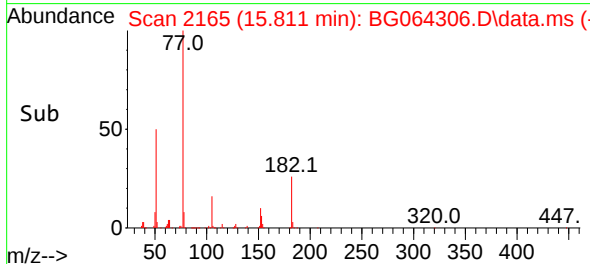
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion: 77 Resp: 302339
Ion Ratio Lower Upper
77 100
182 25.4 3.3 43.3
105 19.8 0.6 40.6
51 50.7 25.3 65.3

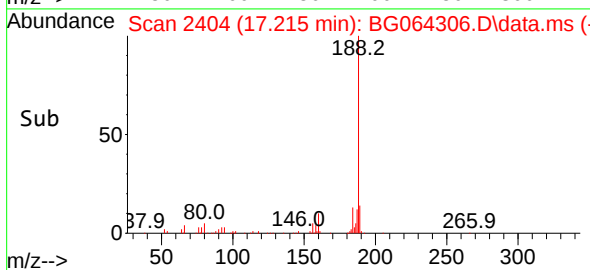
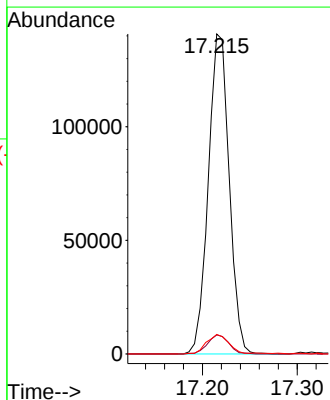
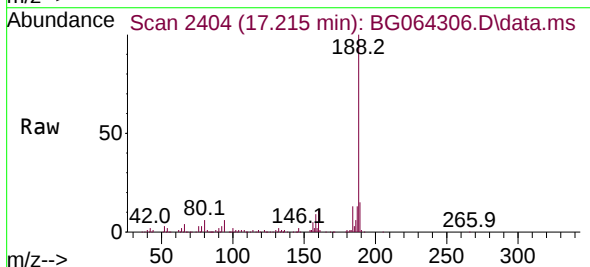
Manual Integrations
APPROVED

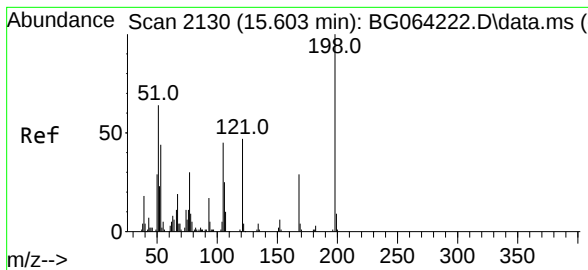
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

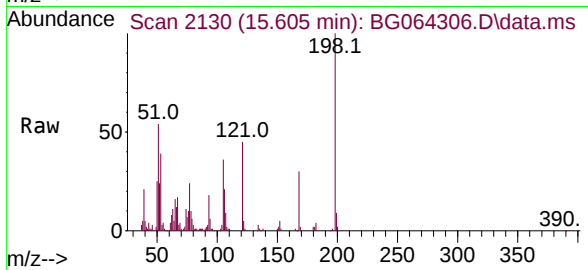
Tgt Ion:188 Resp: 215376
Ion Ratio Lower Upper
188 100
94 5.9 6.2 9.4#
80 6.1 6.8 10.2#





#65
4,6-Dinitro-2-methylphenol
Concen: 53.269 ng
RT: 15.605 min Scan# 2130
Delta R.T. -0.004 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

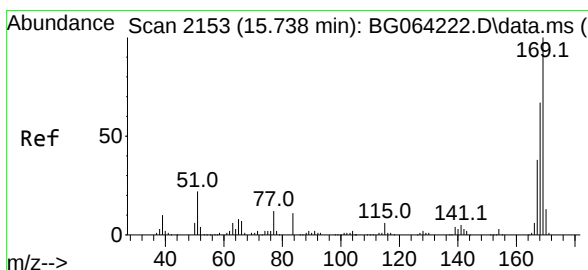
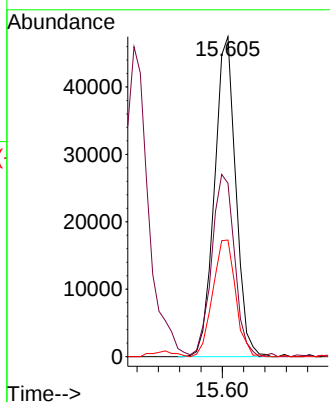
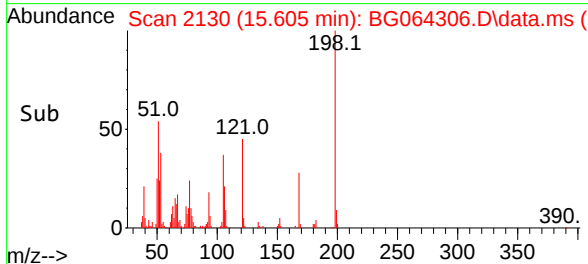
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



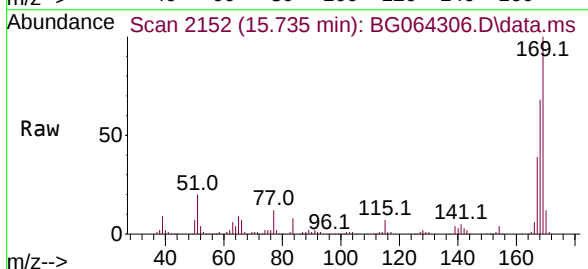
Tgt Ion:198 Resp: 65869
Ion Ratio Lower Upper
198 100
51 54.2 46.2 86.2
105 36.4 25.0 65.0

Manual Integrations
APPROVED

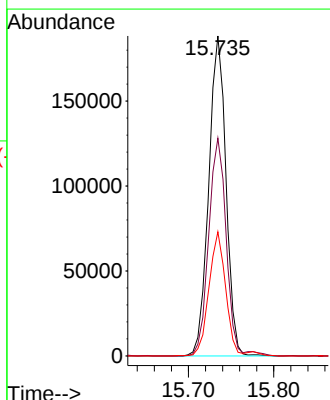
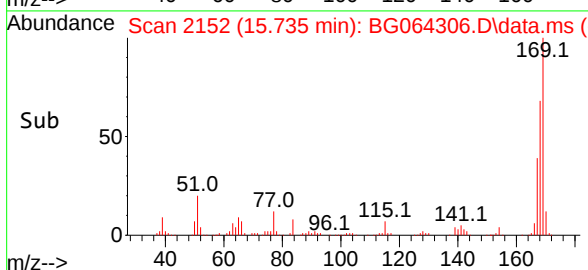
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025

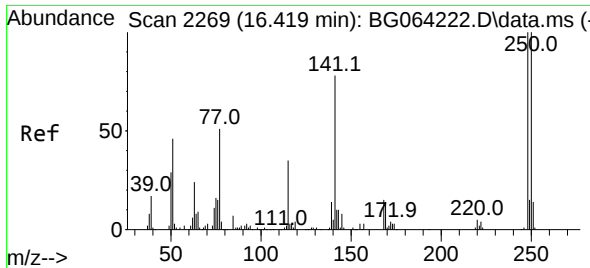


#66
n-Nitrosodiphenylamine
Concen: 44.632 ng
RT: 15.735 min Scan# 2152
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16



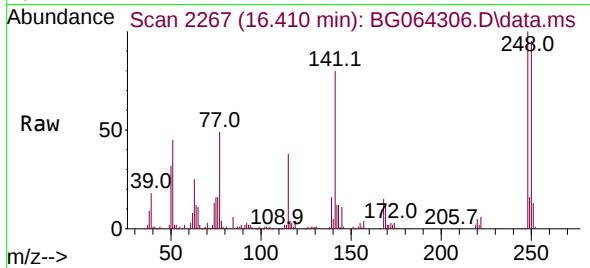
Tgt Ion:169 Resp: 264435
Ion Ratio Lower Upper
169 100
168 68.0 53.8 80.8
167 38.8 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 47.010 ng
RT: 16.410 min Scan# 2267
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

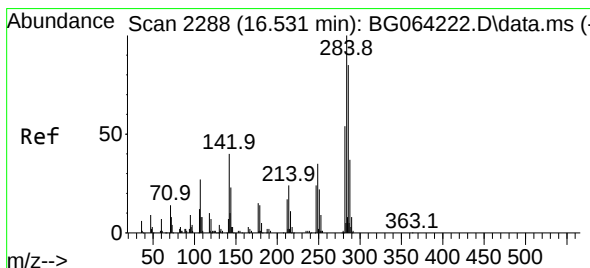
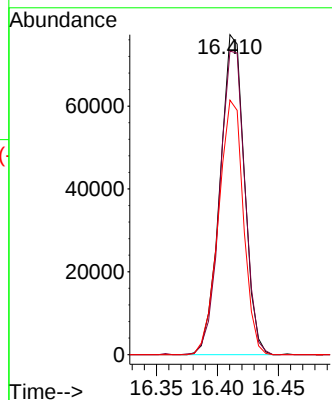
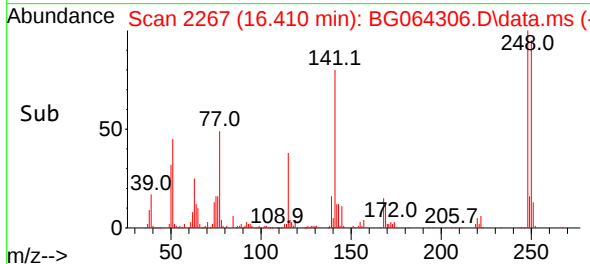
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:248 Resp: 107539
Ion Ratio Lower Upper
248 100
250 94.8 80.2 120.4
141 79.5 62.4 93.6

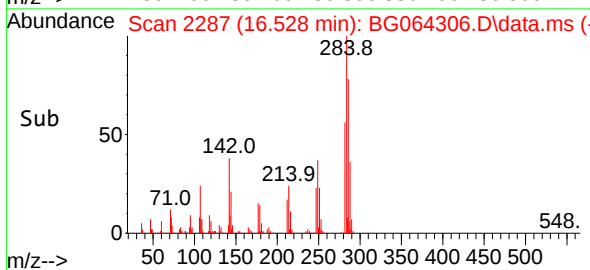
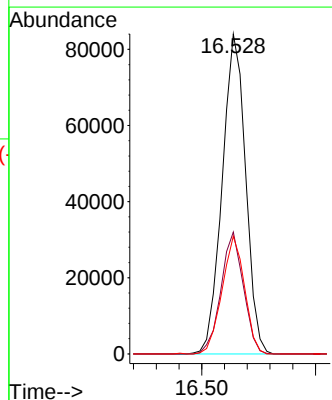
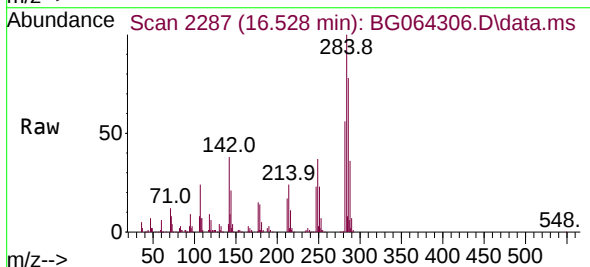
Manual Integrations
APPROVED

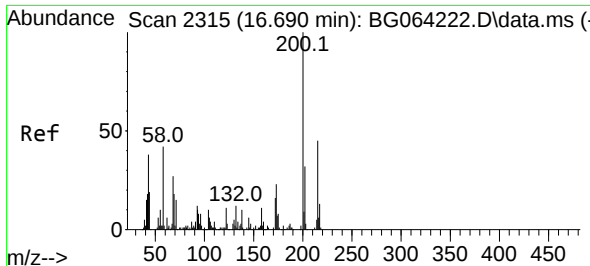
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#68
Hexachlorobenzene
Concen: 47.198 ng
RT: 16.528 min Scan# 2287
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

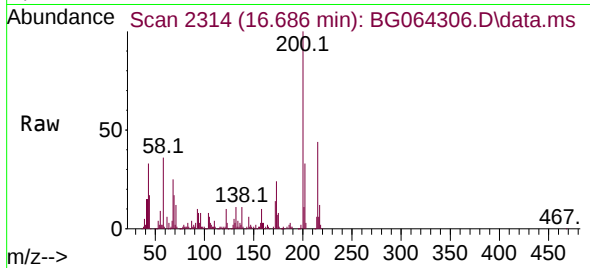
Tgt Ion:284 Resp: 119896
Ion Ratio Lower Upper
284 100
142 38.1 32.1 48.1
249 36.8 28.3 42.5





#69
 Atrazine
 Concen: 48.991 ng
 RT: 16.686 min Scan# 2315
 Delta R.T. -0.009 min
 Lab File: BG064306.D
 Acq: 8 Sep 2025 14:16

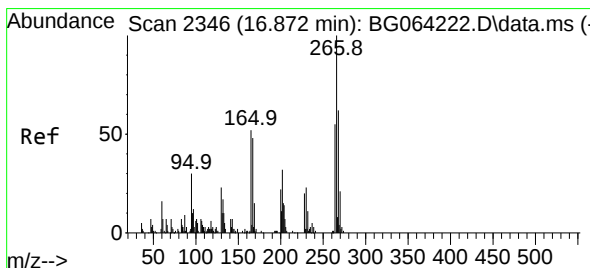
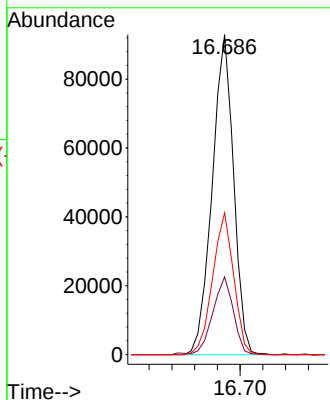
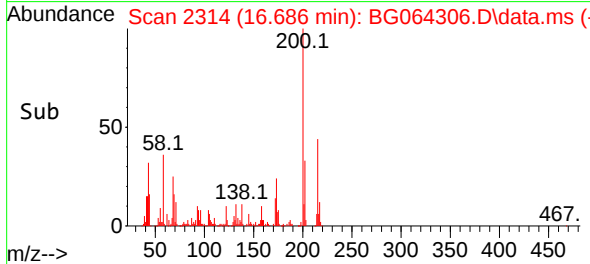
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD



Tgt Ion:200 Resp: 121198
 Ion Ratio Lower Upper
 200 100
 173 24.3 3.5 43.5
 215 44.3 24.8 64.8

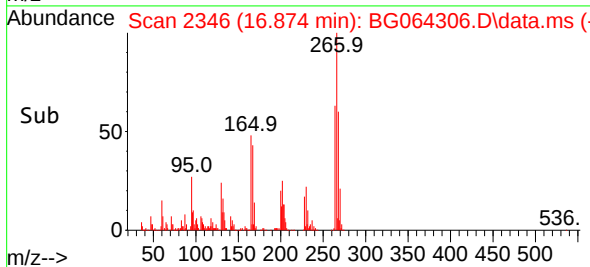
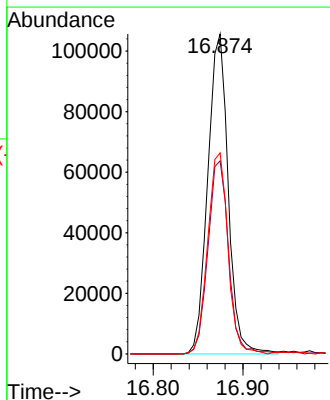
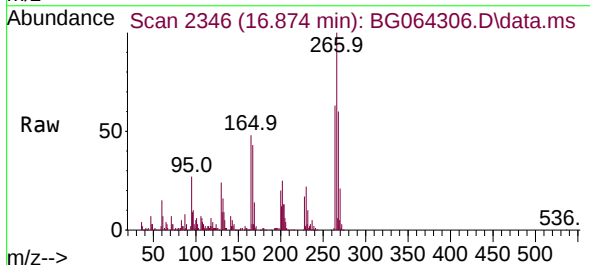
Manual Integrations
 APPROVED

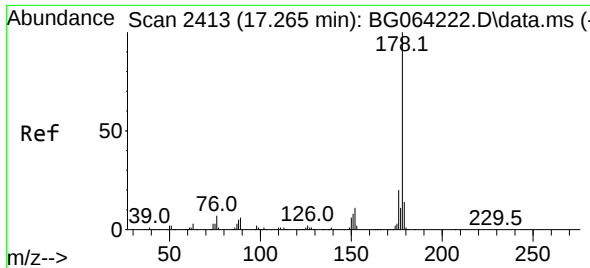
Reviewed By :Rahul Chavli 09/09/2025
 Supervised By :Jagrut Upadhyay 09/09/2025



#70
 Pentachlorophenol
 Concen: 109.016 ng
 RT: 16.874 min Scan# 2346
 Delta R.T. -0.004 min
 Lab File: BG064306.D
 Acq: 8 Sep 2025 14:16

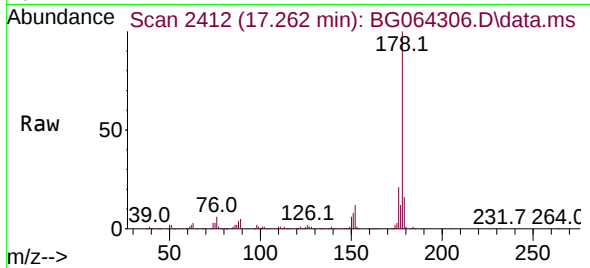
Tgt Ion:266 Resp: 167917
 Ion Ratio Lower Upper
 266 100
 268 60.3 49.4 74.0
 264 62.8 44.3 66.5





#71
Phenanthrene
Concen: 44.590 ng
RT: 17.262 min Scan# 2413
Delta R.T. -0.004 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

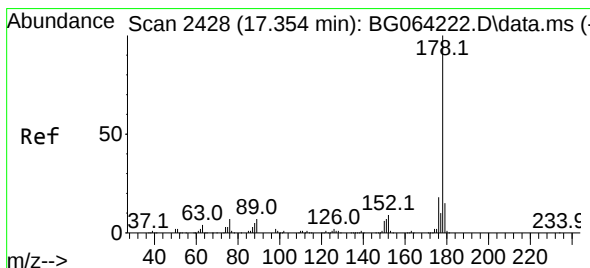
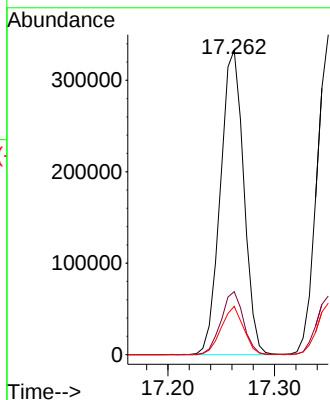
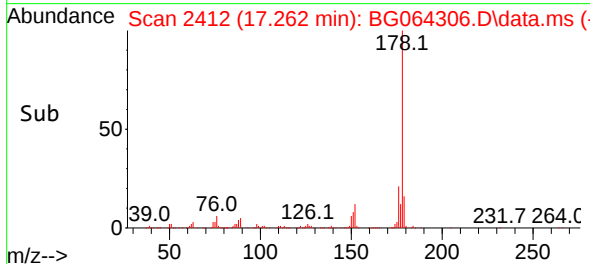
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



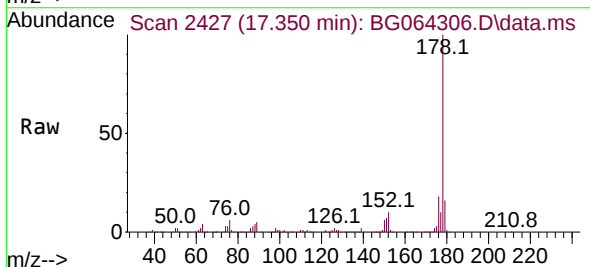
Tgt Ion:178 Resp: 50652
Ion Ratio Lower Upper
178 100
176 20.7 15.9 23.9
179 15.9 11.4 17.2

Manual Integrations
APPROVED

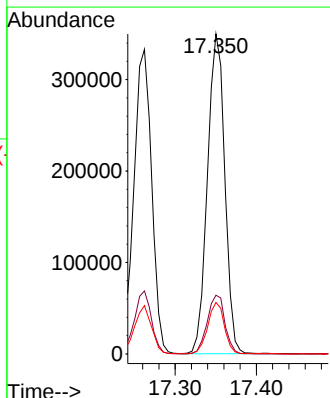
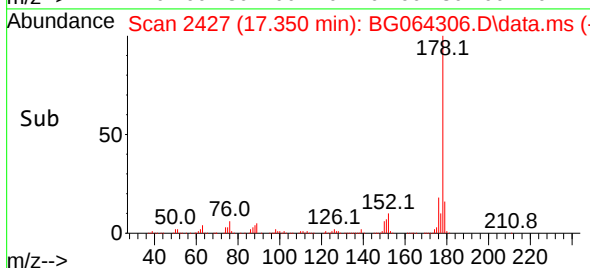
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025

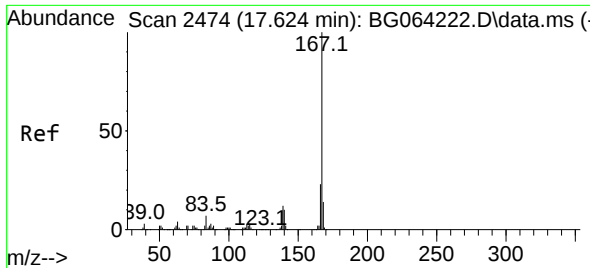


#72
Anthracene
Concen: 44.942 ng
RT: 17.350 min Scan# 2427
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16



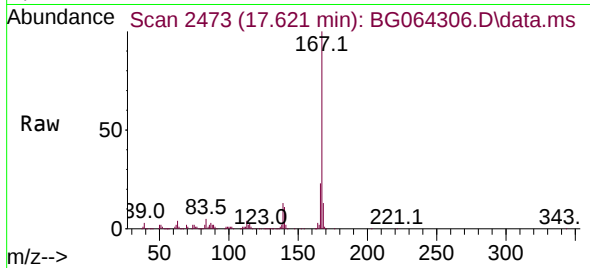
Tgt Ion:178 Resp: 519315
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 16.1 12.1 18.1





#73
 Carbazole
 Concen: 46.212 ng
 RT: 17.621 min Scan# 2474
 Delta R.T. -0.004 min
 Lab File: BG064306.D
 Acq: 8 Sep 2025 14:16

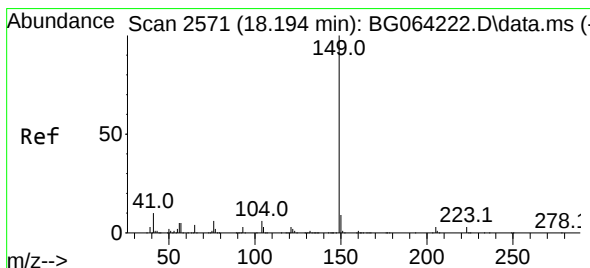
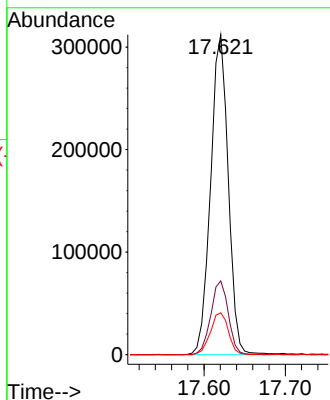
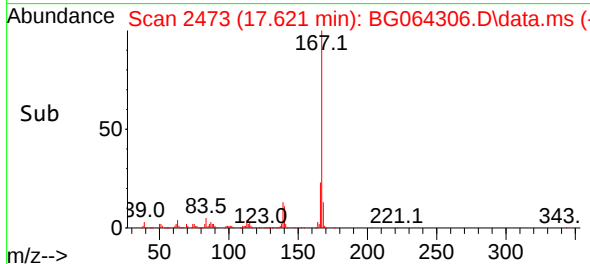
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD



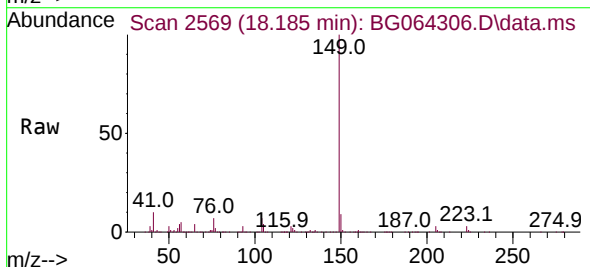
Tgt Ion:167 Resp: 470409
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.2 27.2
 139 13.1 9.8 14.6

Manual Integrations
 APPROVED

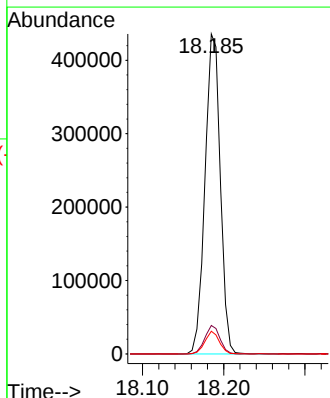
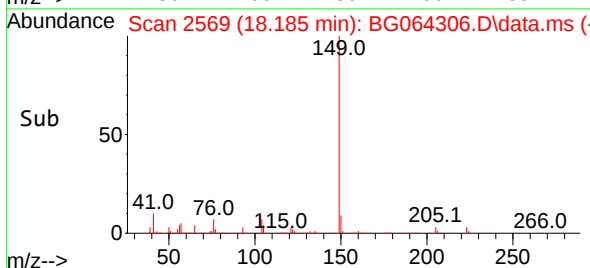
Reviewed By :Rahul Chavli 09/09/2025
 Supervised By :Jagrut Upadhyay 09/09/2025

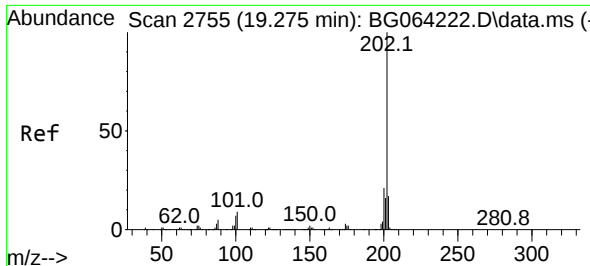


#74
 Di-n-butylphthalate
 Concen: 46.636 ng
 RT: 18.185 min Scan# 2569
 Delta R.T. -0.009 min
 Lab File: BG064306.D
 Acq: 8 Sep 2025 14:16



Tgt Ion:149 Resp: 570352
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.5 11.3
 104 7.1 4.6 7.0#





#75
Fluoranthene
Concen: 47.841 ng
RT: 19.272 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

Instrument :

BNA_G

ClientSampleId :

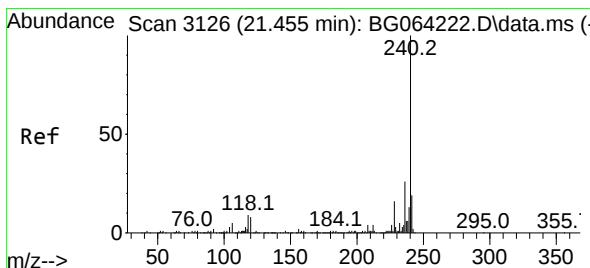
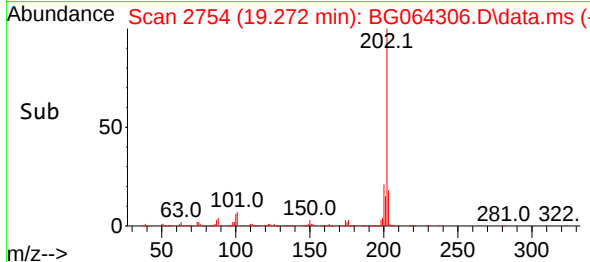
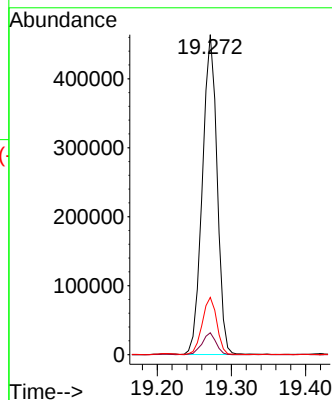
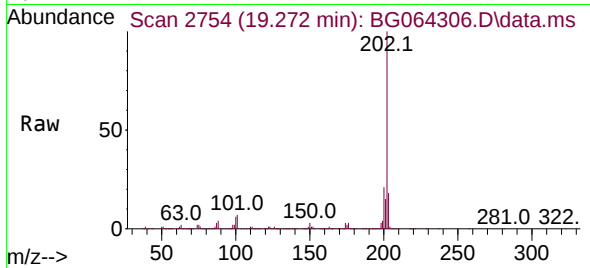
TP-1MSD

Tgt Ion:202 Resp: 638997
Ion Ratio Lower Upper
202 100
101 6.8 0.0 28.7
203 17.9 0.0 36.9

Manual Integrations

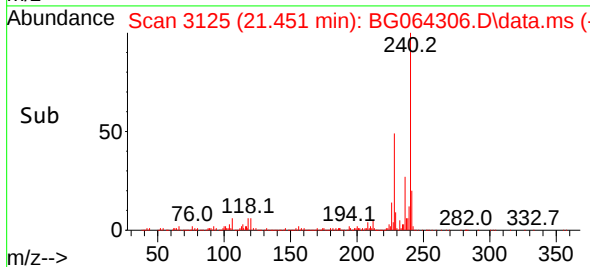
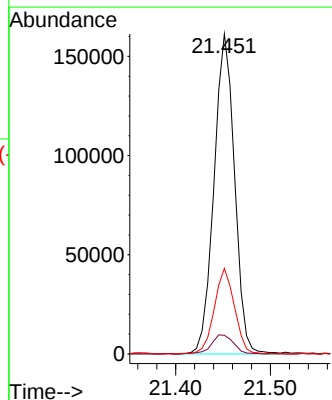
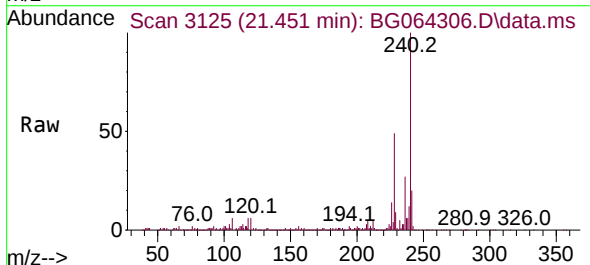
APPROVED

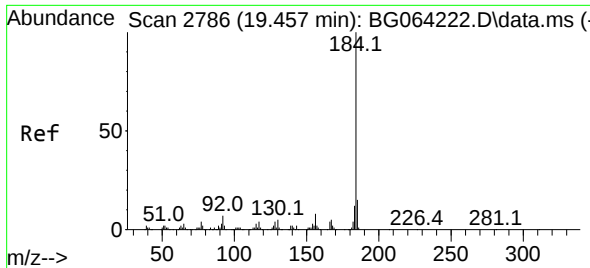
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3125
Delta R.T. -0.004 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

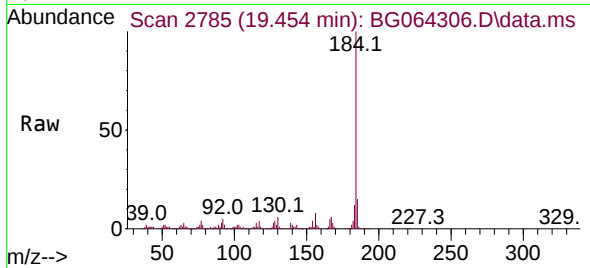
Tgt Ion:240 Resp: 242911
Ion Ratio Lower Upper
240 100
120 5.8 6.2 9.4#
236 26.7 20.5 30.7





#77
Benzidine
Concen: 54.071 ng
RT: 19.454 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

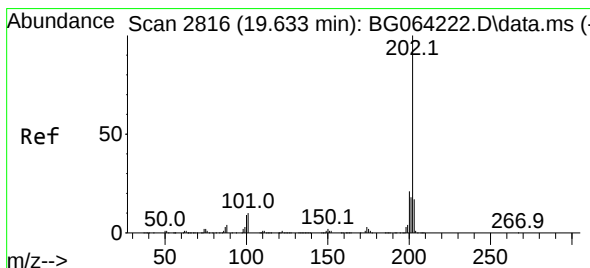
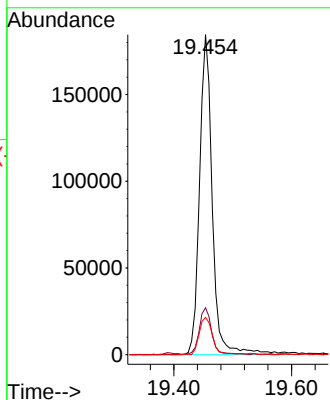
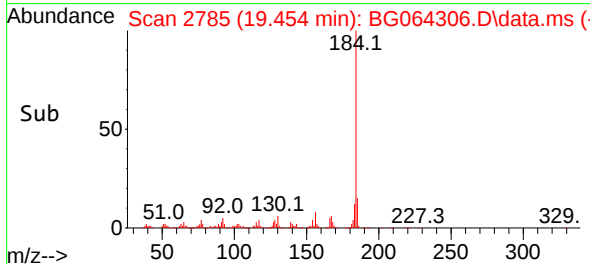
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:184 Resp: 276302
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 11.7 9.7 14.5

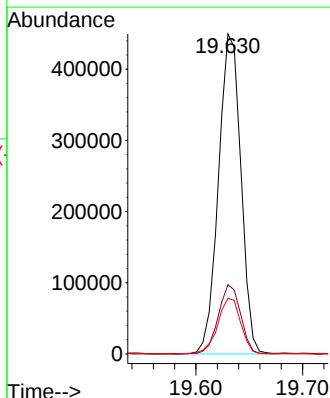
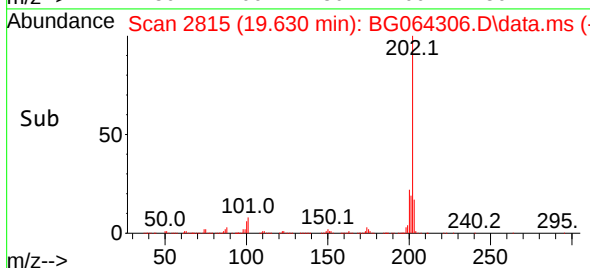
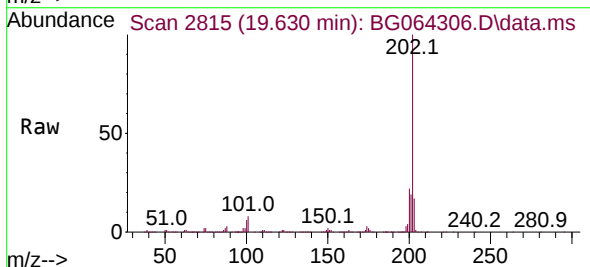
Manual Integrations
APPROVED

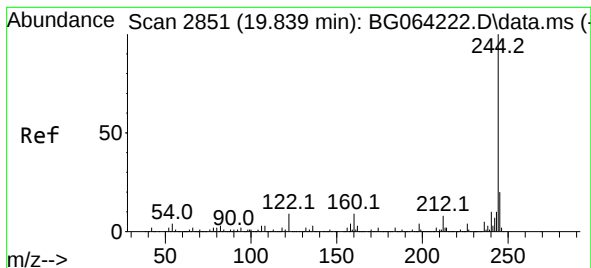
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#78
Pyrene
Concen: 42.984 ng
RT: 19.630 min Scan# 2815
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

Tgt Ion:202 Resp: 657818
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 17.4 13.8 20.8





#79

Terphenyl-d14

Concen: 63.174 ng

RT: 19.836 min Scan# 2851

Delta R.T. -0.009 min

Lab File: BG064306.D

Acq: 8 Sep 2025 14:16

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:244 Resp: 735526

Ion Ratio Lower Upper

244 100

212 8.5 6.6 10.0

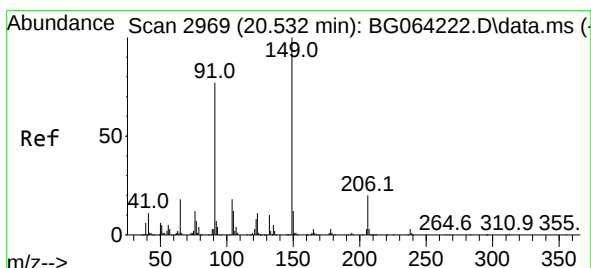
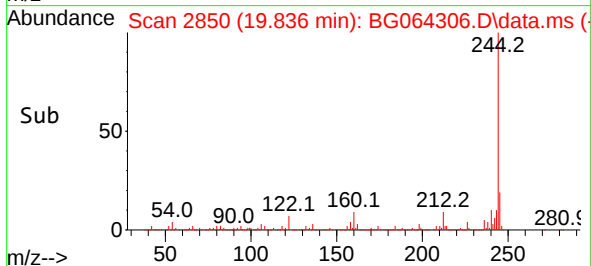
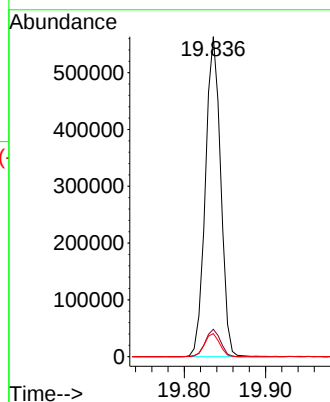
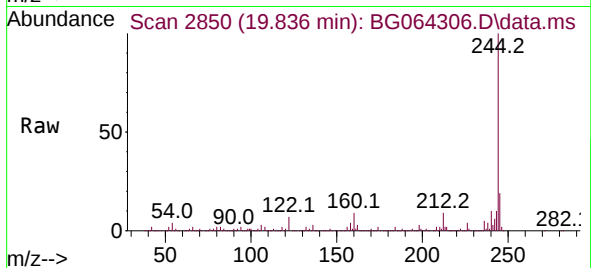
122 7.2 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/09/2025

Supervised By :Jagrut Upadhyay 09/09/2025



#80

Butylbenzylphthalate

Concen: 46.647 ng

RT: 20.529 min Scan# 2968

Delta R.T. -0.004 min

Lab File: BG064306.D

Acq: 8 Sep 2025 14:16

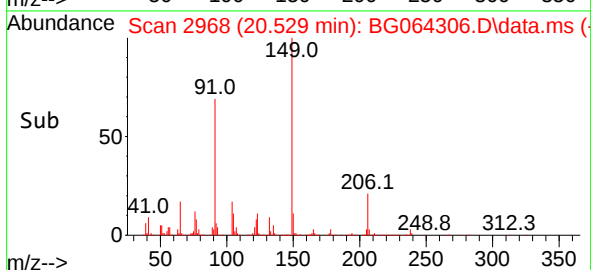
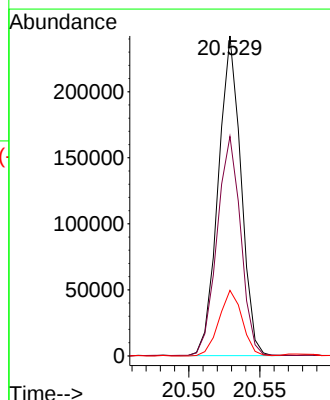
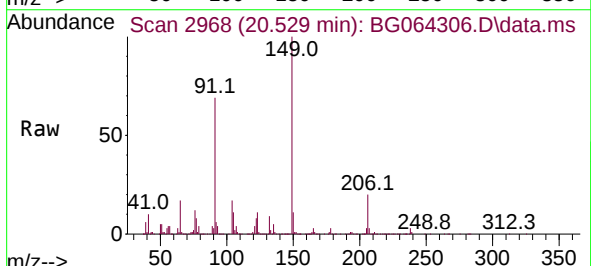
Tgt Ion:149 Resp: 269256

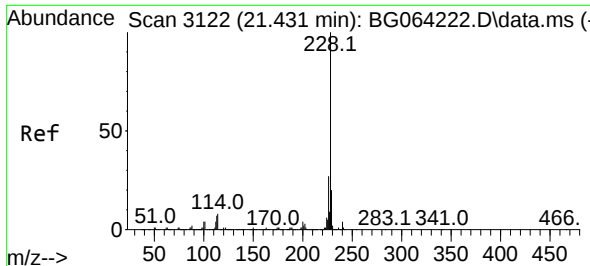
Ion Ratio Lower Upper

149 100

91 68.6 61.4 92.0

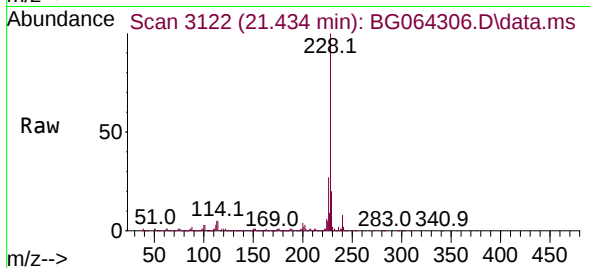
206 20.5 15.8 23.6





#81
Benzo(a)anthracene
Concen: 46.402 ng
RT: 21.434 min Scan# 3122
Delta R.T. -0.004 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

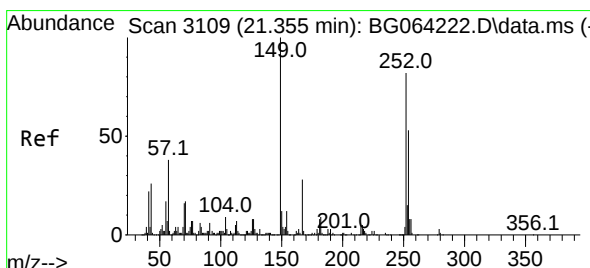
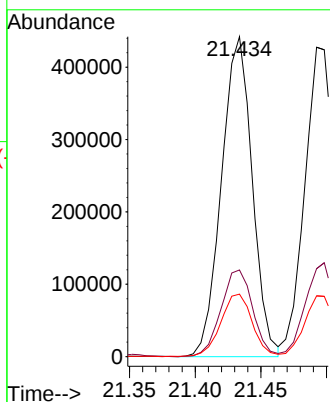
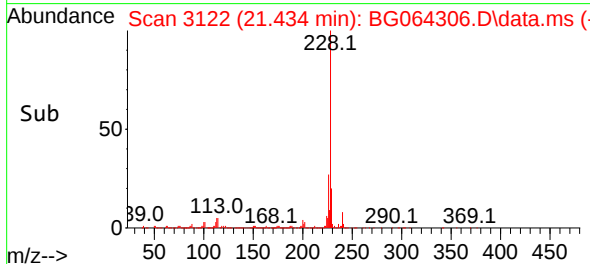
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:228 Resp: 721101
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.5 15.9 23.9

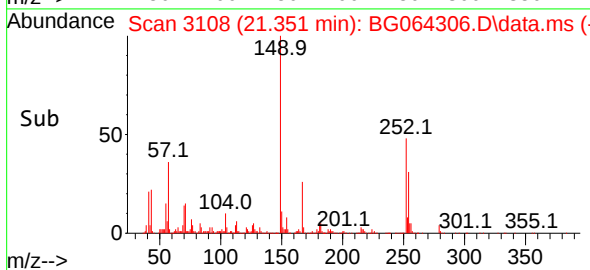
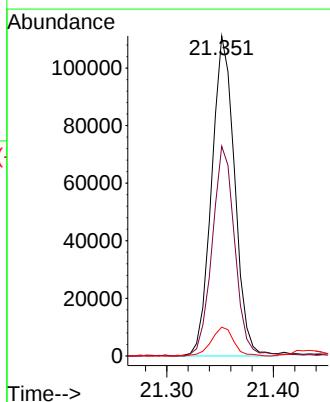
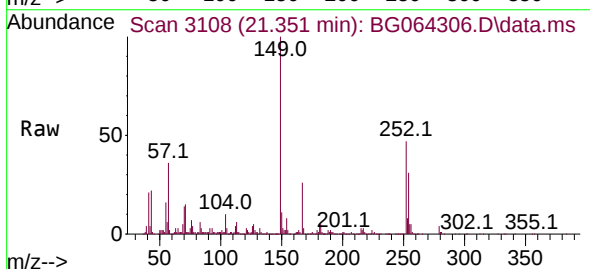
Manual Integrations
APPROVED

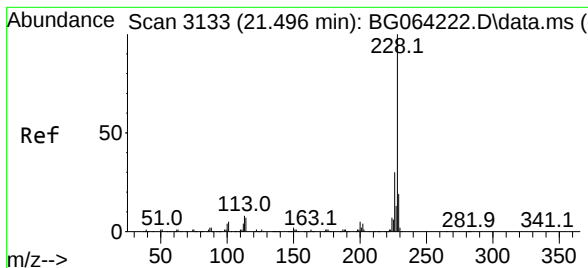
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#82
3,3'-Dichlorobenzidine
Concen: 32.972 ng
RT: 21.351 min Scan# 3108
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

Tgt Ion:252 Resp: 166875
Ion Ratio Lower Upper
252 100
254 65.5 51.9 77.9
126 9.0 7.6 11.4





#83

Chrysene

Concen: 45.139 ng

RT: 21.492 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG064306.D

Acq: 8 Sep 2025 14:16

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:228 Resp: 673446

Ion Ratio Lower Upper

228 100

226 28.4 24.2 36.2

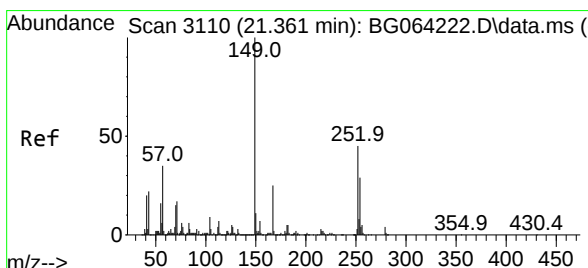
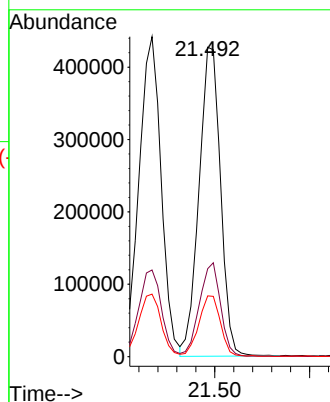
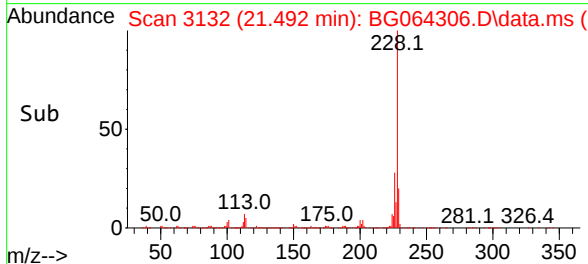
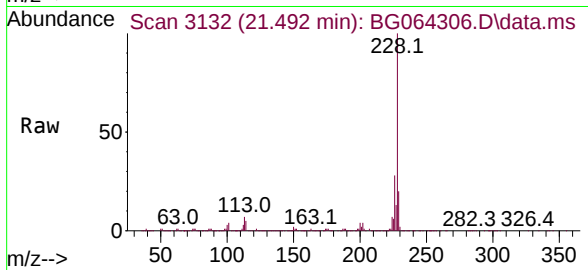
229 19.6 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/09/2025

Supervised By :Jagrut Upadhyay 09/09/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.650 ng

RT: 21.357 min Scan# 3109

Delta R.T. -0.009 min

Lab File: BG064306.D

Acq: 8 Sep 2025 14:16

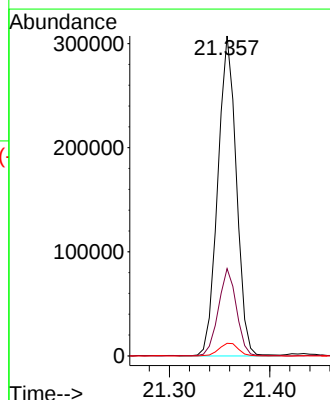
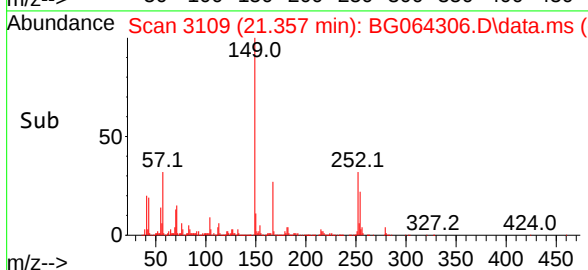
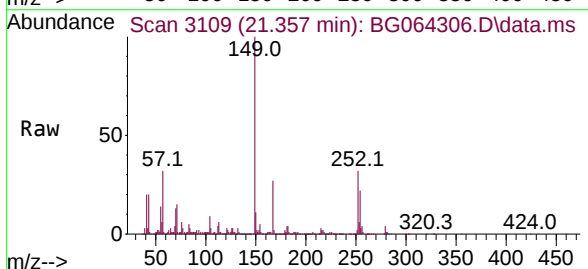
Tgt Ion:149 Resp: 395607

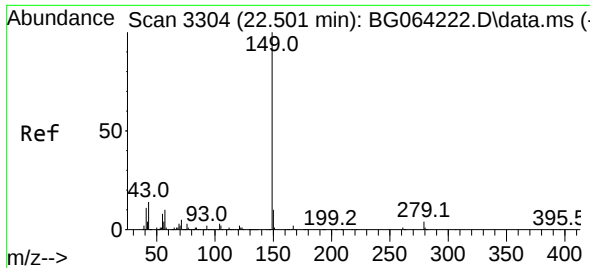
Ion Ratio Lower Upper

149 100

167 27.3 20.0 30.0

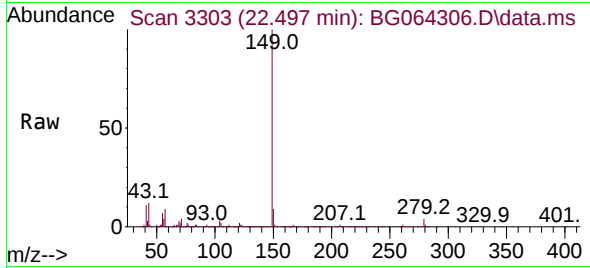
279 3.9 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 45.056 ng
RT: 22.497 min Scan# 3304
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

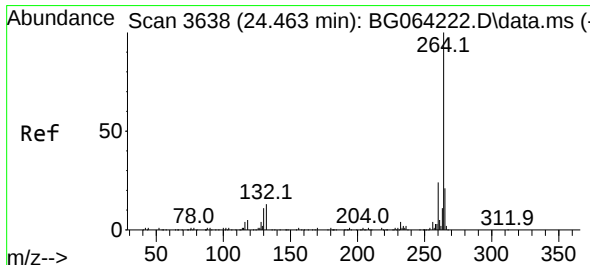
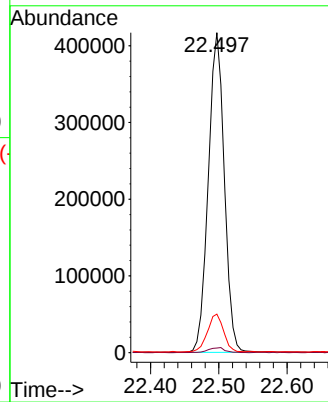
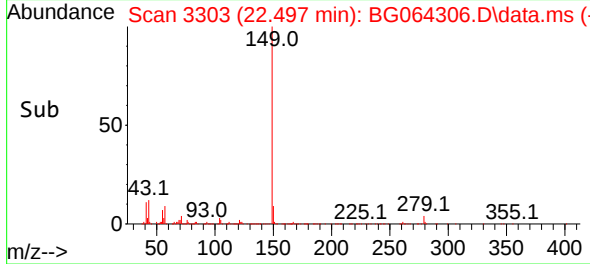
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



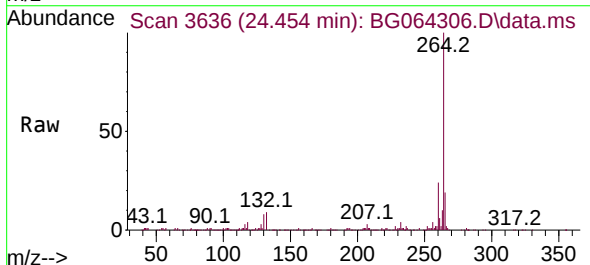
Tgt Ion:149 Resp: 680342
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.9 10.8 16.2

Manual Integrations
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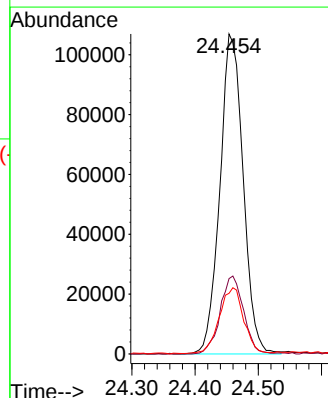
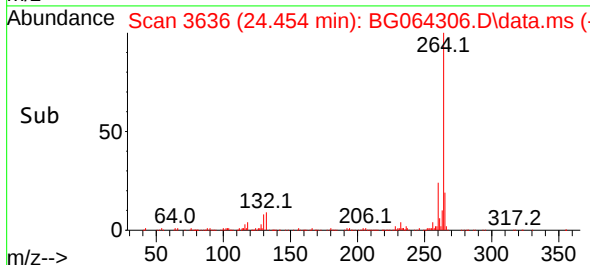
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025

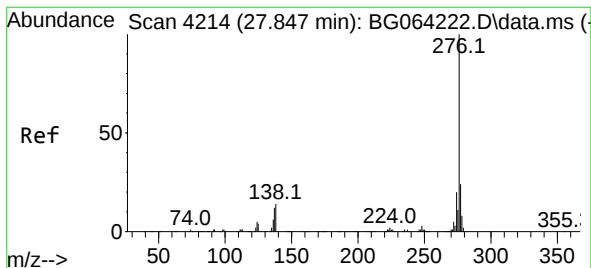


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.454 min Scan# 3636
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16



Tgt Ion:264 Resp: 273162
Ion Ratio Lower Upper
264 100
260 23.5 18.9 28.3
265 18.9 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.315 ng

RT: 27.856 min Scan# 4215

Delta R.T. -0.015 min

Lab File: BG064306.D

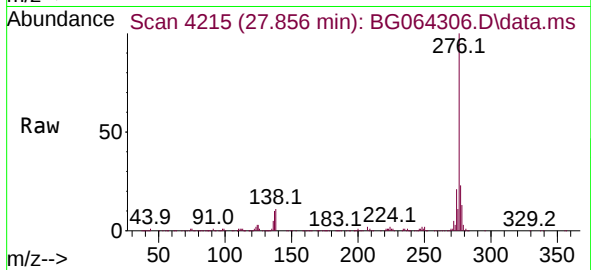
Acq: 8 Sep 2025 14:16

Instrument :

BNA_G

ClientSampleId :

TP-1MSD



Tgt Ion:276 Resp: 882645

Ion Ratio Lower Upper

276 100

138 10.5 7.4 11.0

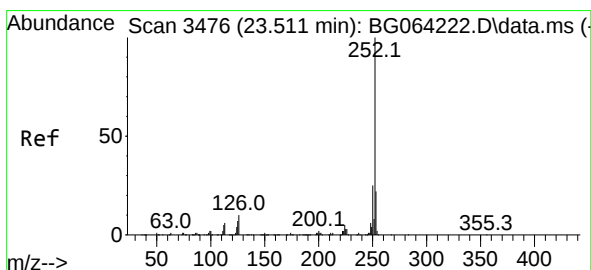
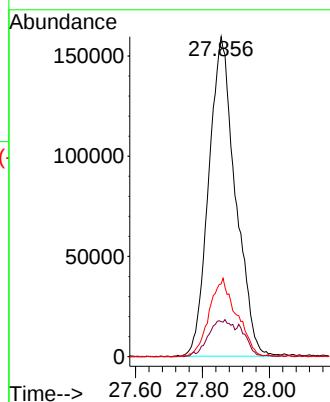
277 25.2 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/09/2025

Supervised By :Jagrut Upadhyay 09/09/2025



#88

Benzo(b)fluoranthene

Concen: 47.298 ng

RT: 23.514 min Scan# 3476

Delta R.T. -0.004 min

Lab File: BG064306.D

Acq: 8 Sep 2025 14:16

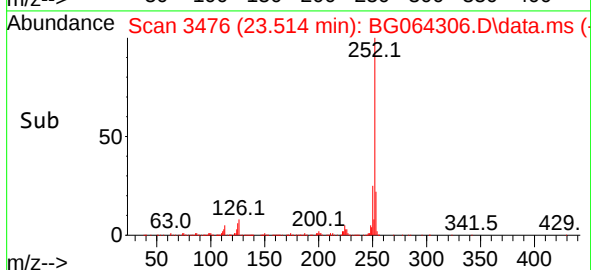
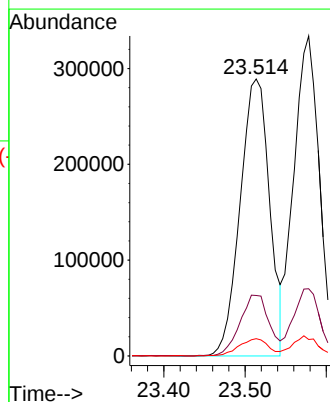
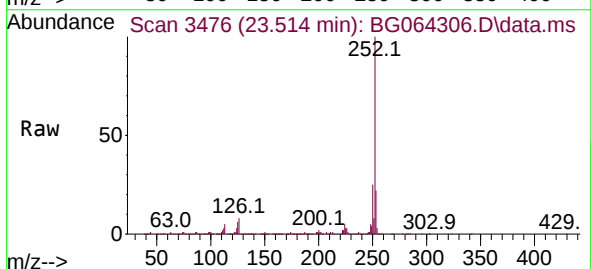
Tgt Ion:252 Resp: 729185

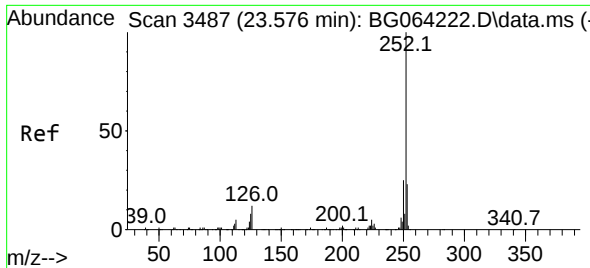
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

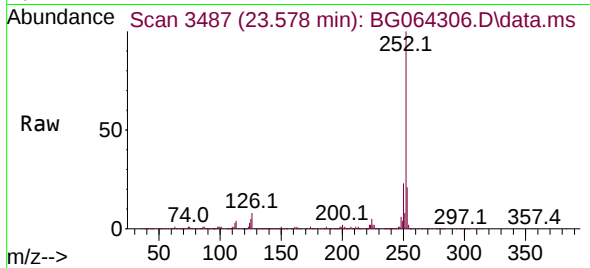
125 6.2 5.9 8.9





#89
Benzo(k)fluoranthene
Concen: 46.031 ng
RT: 23.578 min Scan# 3487
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

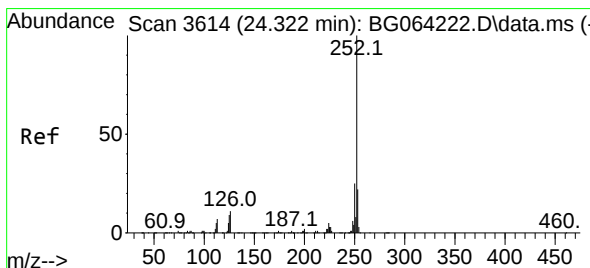
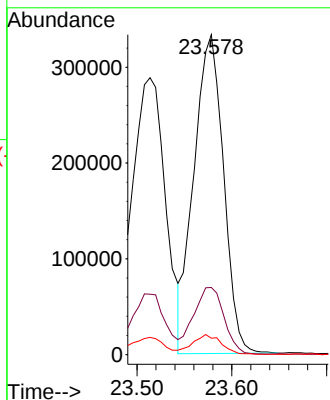
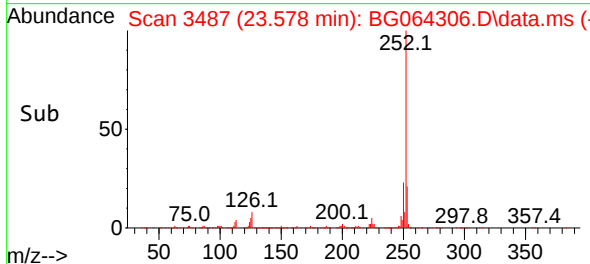
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:252 Resp: 722979
Ion Ratio Lower Upper
252 100
253 21.0 18.2 27.4
125 5.1 7.0 10.4

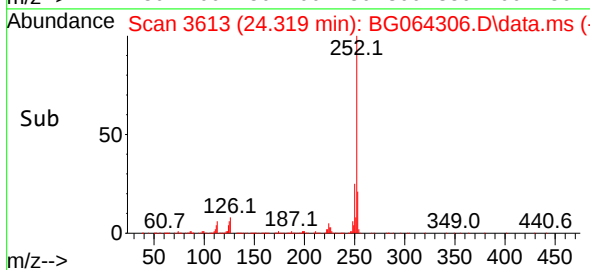
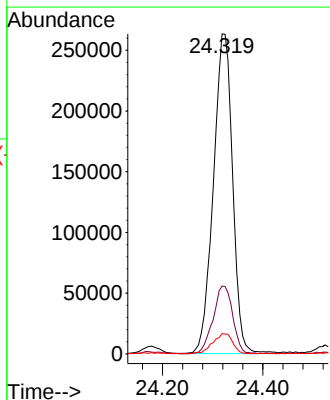
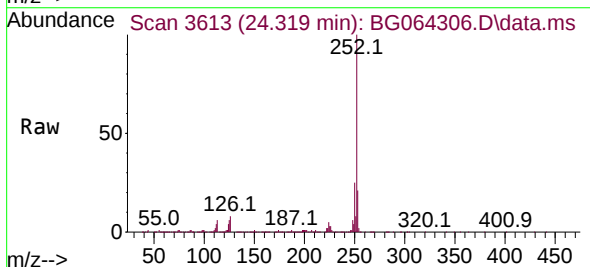
Manual Integrations
APPROVED

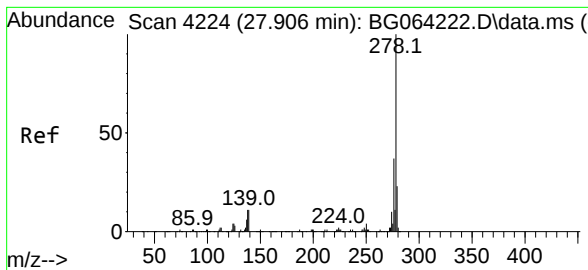
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#90
Benzo(a)pyrene
Concen: 48.852 ng
RT: 24.319 min Scan# 3613
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

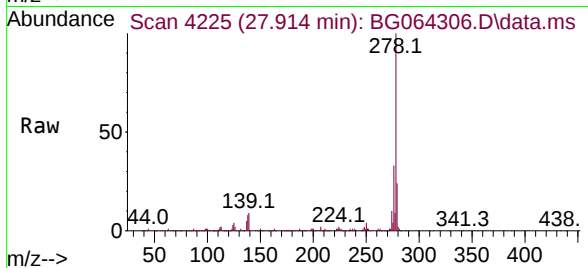
Tgt Ion:252 Resp: 700593
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.2
125 6.3 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 47.475 ng
RT: 27.914 min Scan# 4225
Delta R.T. -0.009 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16

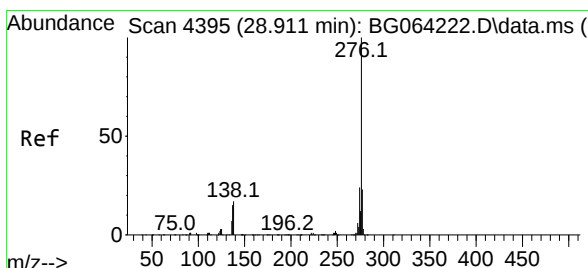
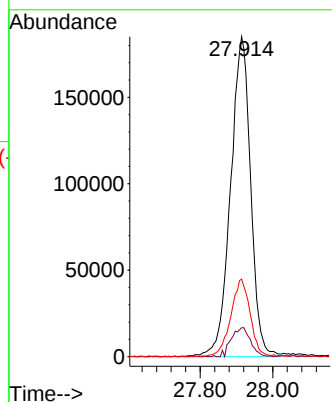
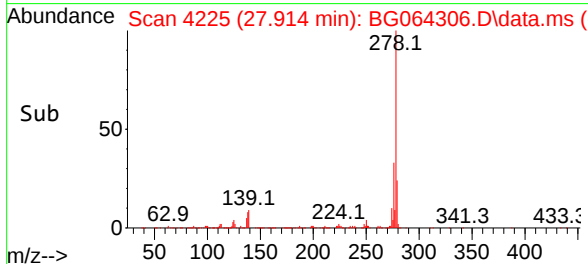
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



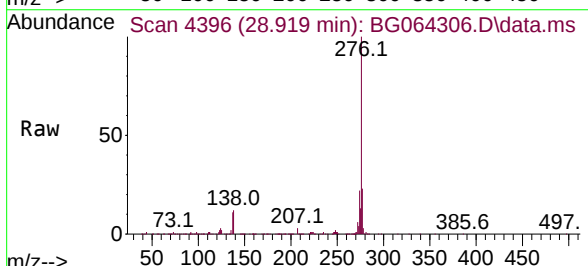
Tgt Ion:278 Resp: 711075
Ion Ratio Lower Upper
278 100
139 9.0 9.0 13.4
279 24.2 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#92
Benzo(g,h,i)perylene
Concen: 47.930 ng
RT: 28.919 min Scan# 4396
Delta R.T. -0.015 min
Lab File: BG064306.D
Acq: 8 Sep 2025 14:16



Tgt Ion:276 Resp: 698546
Ion Ratio Lower Upper
276 100
277 22.9 18.2 27.4
138 11.6 13.3 19.9#

