

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090925\
 Data File : BG064322.D
 Acq On : 9 Sep 2025 13:40
 Operator : RC/JU
 Sample : PB169604BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169604BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025

Quant Time: Sep 09 14:16:03 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	7.846	152	21474	20.000	ng	-0.01
21) Naphthalene-d8	10.637	136	93606	20.000	ng	#-0.01
39) Acenaphthene-d10	14.480	164	72258	20.000	ng	0.00
64) Phenanthrene-d10	17.218	188	176640	20.000	ng	# 0.00
76) Chrysene-d12	21.448	240	183219	20.000	ng	# 0.00
86) Perylene-d12	24.451	264	199718	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.443	112	150620	125.839	ng	0.00
7) Phenol-d6	7.024	99	207143	125.971	ng	0.00
23) Nitrobenzene-d5	9.004	82	147576	87.926	ng	-0.01
42) 2,4,6-Tribromophenol	15.966	330	149937	156.659	ng	0.00
45) 2-Fluorobiphenyl	13.099	172	402958	85.119	ng	-0.01
79) Terphenyl-d14	19.838	244	798039	90.874	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	15419	30.906	ng	98
3) Pyridine	3.740	79	44924	30.591	ng	# 57
4) n-Nitrosodimethylamine	3.657	42	41840	43.074	ng	94
6) Aniline	7.177	93	75950	33.400	ng	98
8) 2-Chlorophenol	7.418	128	66022	45.140	ng	97
9) Benzaldehyde	6.989	77	26257	19.403	ng	92
10) Phenol	7.047	94	82577	45.549	ng	91
11) bis(2-Chloroethyl)ether	7.277	93	51582	37.863	ng	97
12) 1,3-Dichlorobenzene	7.741	146	71195	45.755	ng	97
13) 1,4-Dichlorobenzene	7.888	146	70267	44.745	ng	95
14) 1,2-Dichlorobenzene	8.199	146	68032	44.887	ng	94
15) Benzyl Alcohol	8.087	79	68999	45.470	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.375	45	95687	30.764	ng	96
17) 2-Methylphenol	8.293	107	57355	42.449	ng	95
18) Hexachloroethane	8.928	117	27461	44.798	ng	89
19) n-Nitroso-di-n-propyla...	8.651	70	50559	40.174	ng	97
20) 3+4-Methylphenols	8.622	107	79215	42.193	ng	93
22) Acetophenone	8.663	105	103798	43.831	ng	95
24) Nitrobenzene	9.045	77	76564	43.660	ng	94
25) Isophorone	9.568	82	139861	40.094	ng	# 95
26) 2-Nitrophenol	9.750	139	36797	48.562	ng	# 79
27) 2,4-Dimethylphenol	9.821	122	68215	51.276	ng	97
28) bis(2-Chloroethoxy)met...	10.050	93	76172	40.497	ng	92
29) 2,4-Dichlorophenol	10.285	162	71578	50.993	ng	95
30) 1,2,4-Trichlorobenzene	10.502	180	72705	49.124	ng	98
31) Naphthalene	10.690	128	210616	43.390	ng	99
32) Benzoic acid	9.962	122	48706	46.122	ng	95
33) 4-Chloroaniline	10.790	127	53787	28.590	ng	# 92
34) Hexachlorobutadiene	10.978	225	55839	51.040	ng	95
35) Caprolactam	11.560	113	24516m	45.106	ng	
36) 4-Chloro-3-methylphenol	11.924	107	87287	47.928	ng	91
37) 2-Methylnaphthalene	12.300	142	147418	40.859	ng	94
38) 1-Methylnaphthalene	12.517	142	155926	43.754	ng	98
40) 1,2,4,5-Tetrachloroben...	12.670	216	96644	46.355	ng	98
41) Hexachlorocyclopentadiene	12.653	237	140917	142.215	ng	97
43) 2,4,6-Trichlorophenol	12.905	196	66362	47.623	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.982	196	76644	50.703	ng	94
46) 1,1'-Biphenyl	13.311	154	232619	44.200	ng	99
47) 2-Chloronaphthalene	13.352	162	170869	43.186	ng	95
48) 2-Nitroaniline	13.552	65	65720	48.734	ng	92
49) Acenaphthylene	14.198	152	291850	49.899	ng	98
50) Dimethylphthalate	13.939	163	248247	45.389	ng	99
51) 2,6-Dinitrotoluene	14.051	165	53463	50.493	ng	96
52) Acenaphthene	14.544	154	173054	41.927	ng	98
53) 3-Nitroaniline	14.380	138	41130	37.084	ng	95
54) 2,4-Dinitrophenol	14.591	184	74027	105.101	ng	# 88
55) Dibenzofuran	14.874	168	293253	45.170	ng	97
56) 4-Nitrophenol	14.697	139	86054	94.585	ng	# 81
57) 2,4-Dinitrotoluene	14.838	165	82746	51.685	ng	# 97
58) Fluorene	15.526	166	249023	46.798	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.103	232	79371	54.592	ng	96
60) Diethylphthalate	15.302	149	269832	46.099	ng	98
61) 4-Chlorophenyl-phenyle...	15.520	204	130320	49.120	ng	97
62) 4-Nitroaniline	15.543	138	55137	48.718	ng	94
63) Azobenzene	15.814	77	230031	44.092	ng	95
65) 4,6-Dinitro-2-methylph...	15.608	198	56354	55.568	ng	86
66) n-Nitrosodiphenylamine	15.731	169	221791	45.644	ng	99
67) 4-Bromophenyl-phenylether	16.413	248	91098	48.556	ng	98
68) Hexachlorobenzene	16.530	284	102708	49.298	ng	95
69) Atrazine	16.689	200	98632	48.613	ng	98
70) Pentachlorophenol	16.877	266	134063	106.124	ng	96
71) Phenanthrene	17.265	178	418801	44.952	ng	100
72) Anthracene	17.353	178	433438	45.736	ng	99
73) Carbazole	17.617	167	381786	45.730	ng	98
74) Di-n-butylphthalate	18.187	149	446206	44.486	ng	98
75) Fluoranthene	19.268	202	503912	46.000	ng	96
77) Benzidine	19.451	184	158989	41.250	ng	97
78) Pyrene	19.633	202	513788	44.511	ng	99
80) Butylbenzylphthalate	20.532	149	203249	46.684	ng	91
81) Benzo(a)anthracene	21.431	228	544236	46.430	ng	99
82) 3,3'-Dichlorobenzidine	21.354	252	128318	33.613	ng	97
83) Chrysene	21.495	228	505020	44.878	ng	99
84) Bis(2-ethylhexyl)phtha...	21.360	149	290304	44.413	ng	98
85) Di-n-octyl phthalate	22.494	149	499684	43.873	ng	97
87) Indeno(1,2,3-cd)pyrene	27.852	276	648539	47.550	ng	100
88) Benzo(b)fluoranthene	23.510	252	527362	46.786	ng	97
89) Benzo(k)fluoranthene	23.575	252	538536	46.897	ng	97
90) Benzo(a)pyrene	24.321	252	517233	49.329	ng	# 98
91) Dibenzo(a,h)anthracene	27.905	278	530551	48.448	ng	95
92) Benzo(g,h,i)perylene	28.904	276	516034	48.427	ng	# 95

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

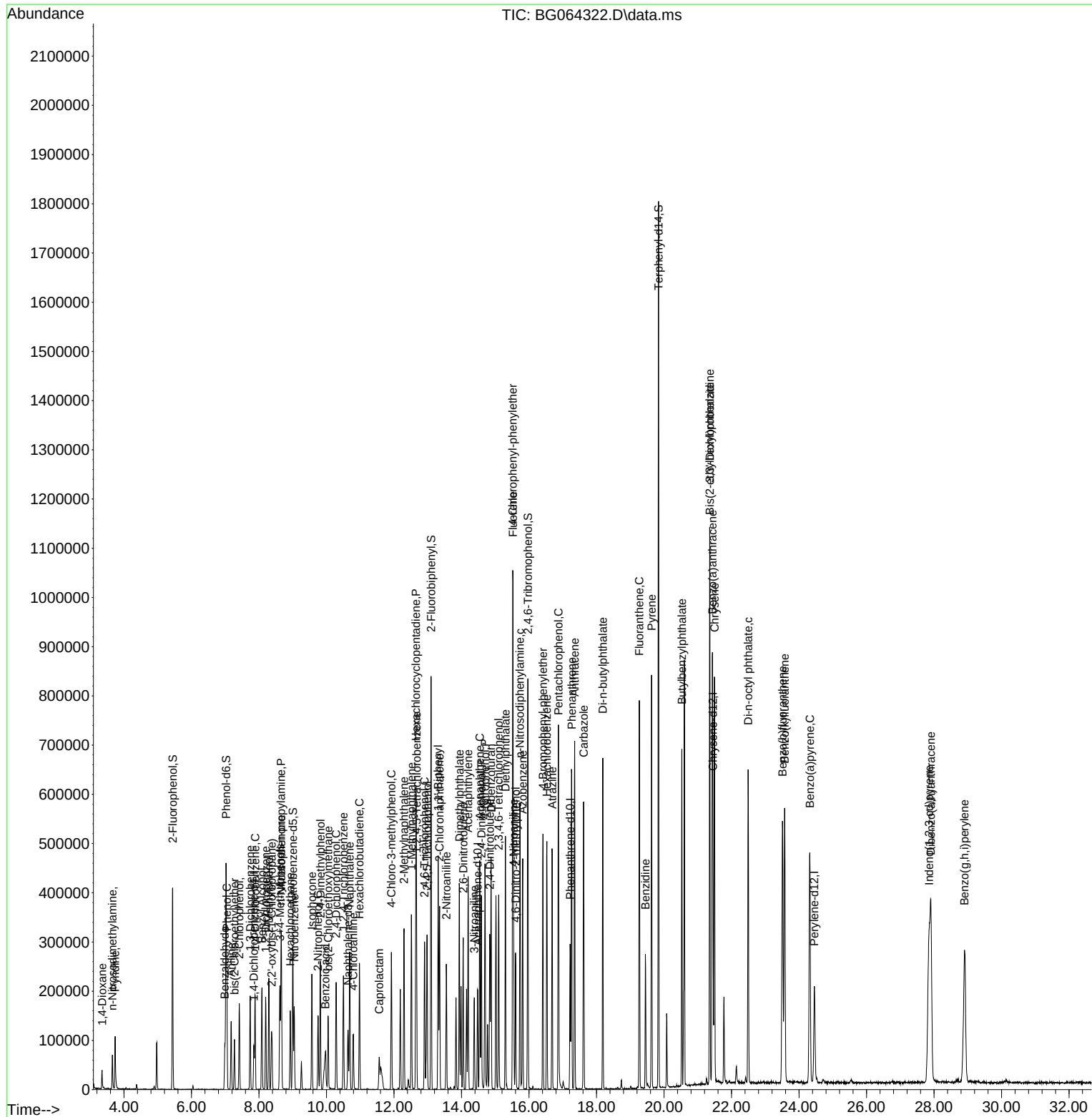
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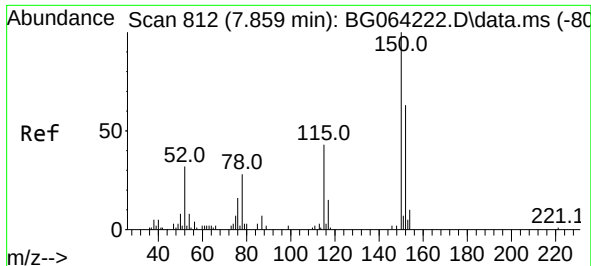
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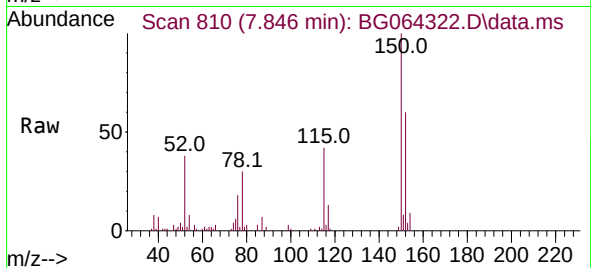
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.846 min Scan# 81
 Delta R.T. -0.013 min
 Lab File: BG064322.D
 Acq: 9 Sep 2025 13:40

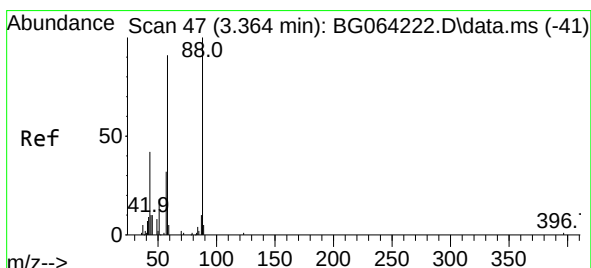
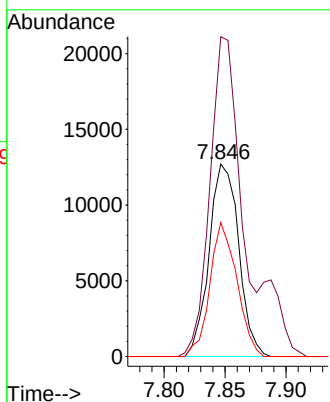
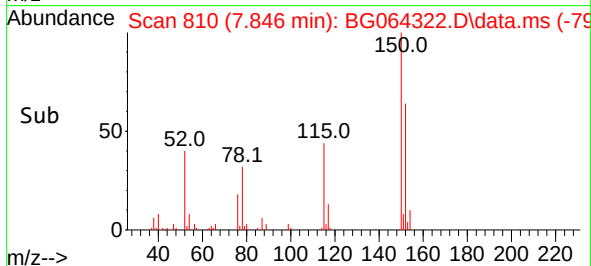
Instrument :
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 ClientSampleId :
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Tgt Ion: 152 Resp: 21474
 Ion Ratio Lower Upper
 152 100
 150 166.1 128.0 192.0
 115 69.6 55.7 83.5

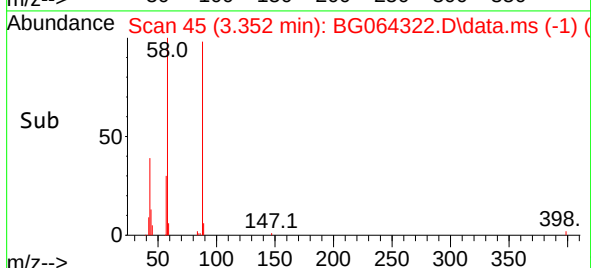
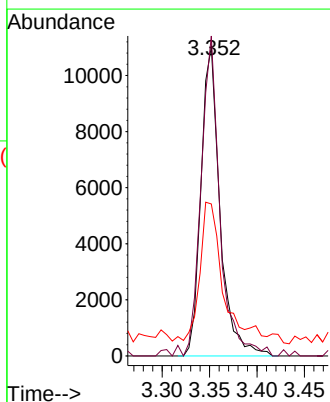
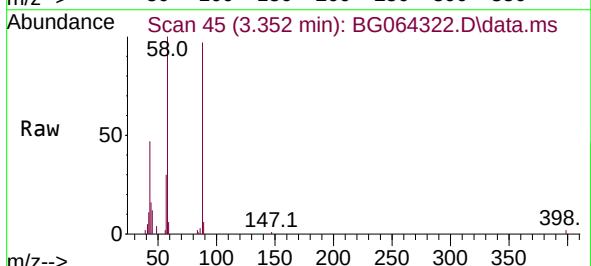
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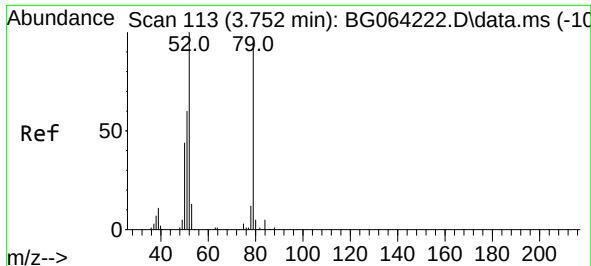
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#2
 1,4-Dioxane
 Concen: 30.906 ng
 RT: 3.352 min Scan# 45
 Delta R.T. -0.007 min
 Lab File: BG064322.D
 Acq: 9 Sep 2025 13:40

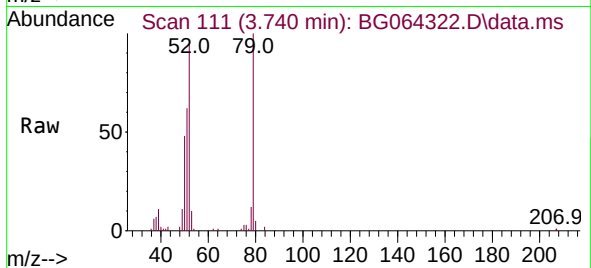
Tgt Ion: 88 Resp: 15419
 Ion Ratio Lower Upper
 88 100
 58 103.3 80.8 121.2
 43 52.2 40.3 60.5





#3
Pyridine
Concen: 30.591 ng
RT: 3.740 min Scan# 113
Delta R.T. -0.013 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

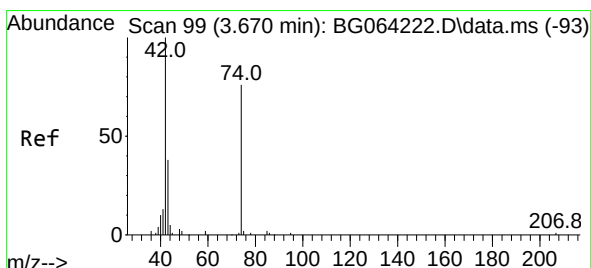
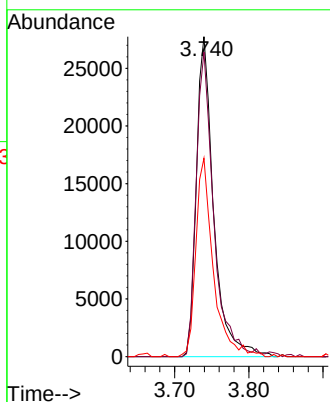
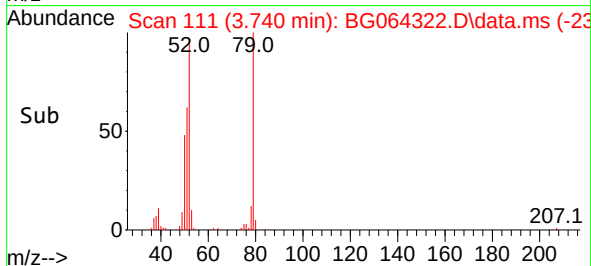
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Tgt Ion: 79 Resp: 44924
Ion Ratio Lower Upper
79 100
52 95.2 86.6 129.8
51 62.0 114.1 171.1

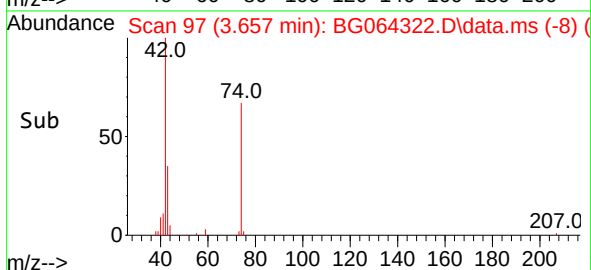
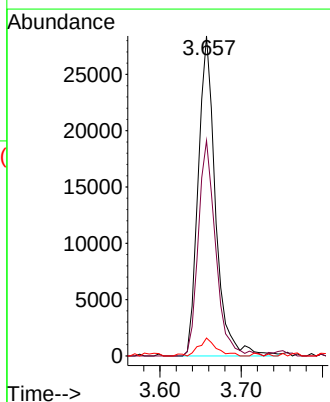
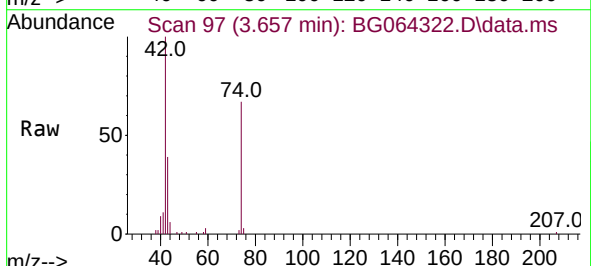
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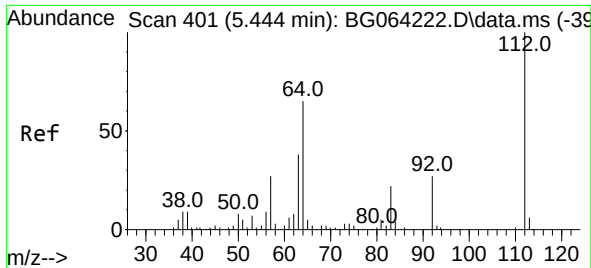
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#4
n-Nitrosodimethylamine
Concen: 43.074 ng
RT: 3.657 min Scan# 97
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

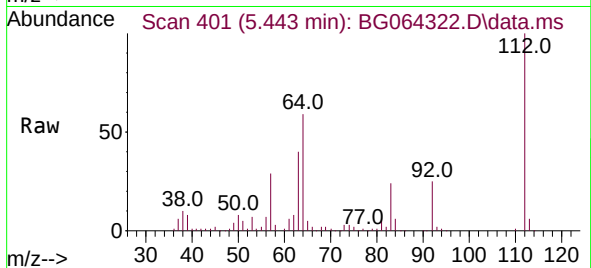
Tgt Ion: 42 Resp: 41840
Ion Ratio Lower Upper
42 100
74 67.3 58.0 87.0
44 5.6 5.5 8.3





#5
2-Fluorophenol
Concen: 125.839 ng
RT: 5.443 min Scan# 401
Delta R.T. -0.001 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

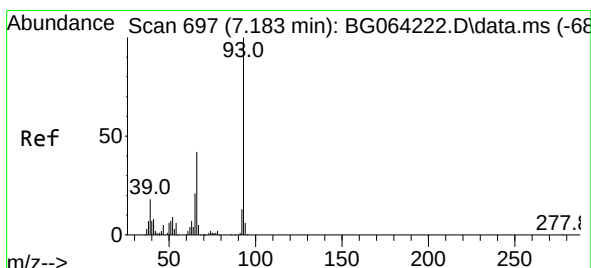
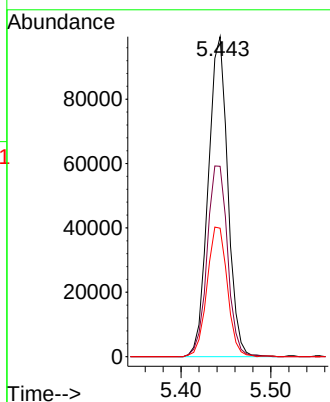
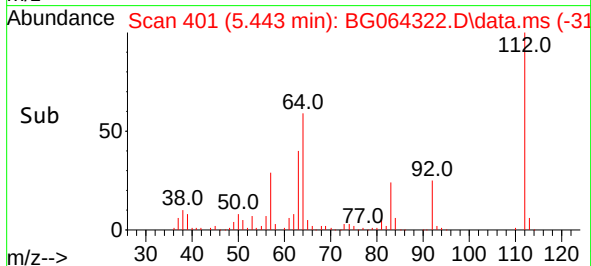
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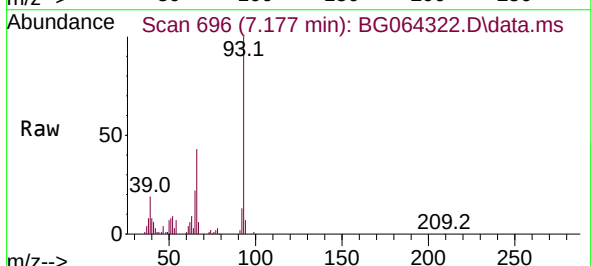
Tgt Ion:112 Resp: 150620
Ion Ratio Lower Upper
112 100
64 59.5 51.8 77.6
63 40.1 30.6 45.8

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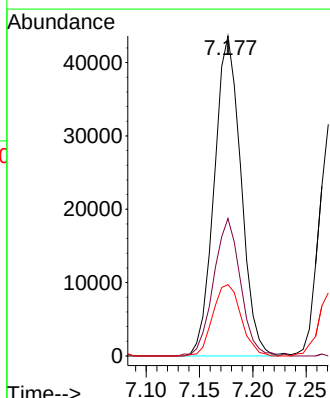
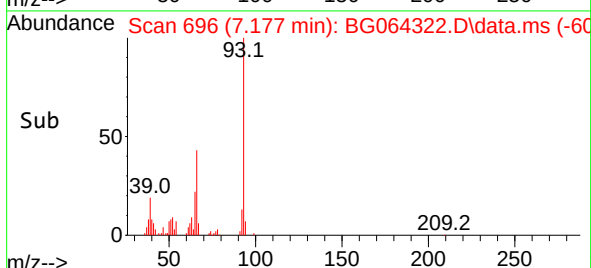
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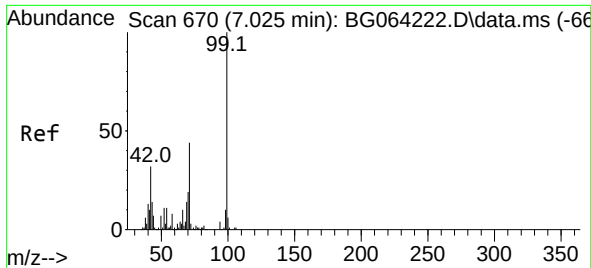


#6
Aniline
Concen: 33.400 ng
RT: 7.177 min Scan# 696
Delta R.T. -0.013 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40



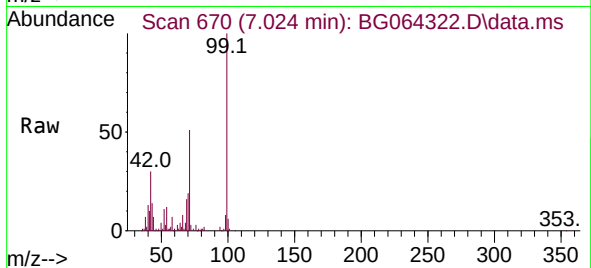
Tgt Ion: 93 Resp: 75950
Ion Ratio Lower Upper
93 100
66 43.0 33.8 50.8
65 22.3 16.9 25.3





#7
Phenol-d6
Concen: 125.971 ng
RT: 7.024 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

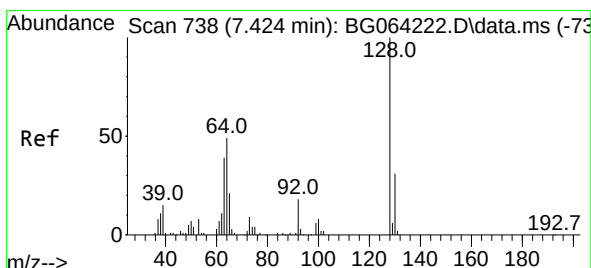
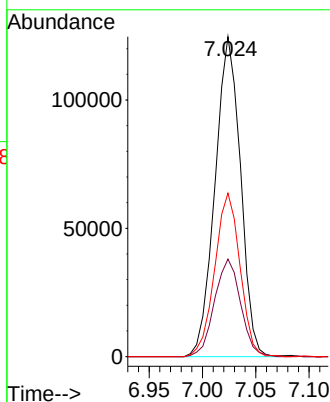
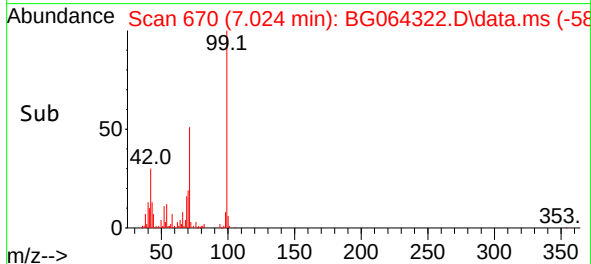
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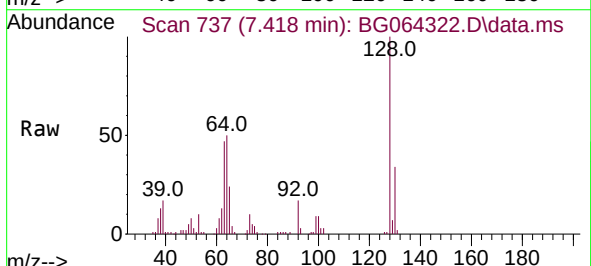
Tgt Ion: 99 Resp: 207143
Ion Ratio Lower Upper
99 100
42 30.5 25.8 38.8
71 51.1 35.2 52.8

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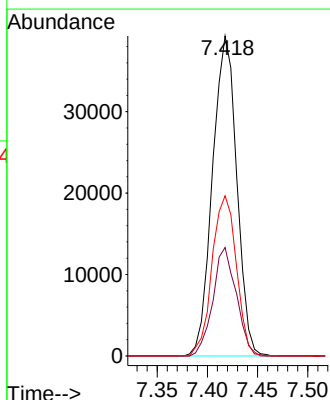
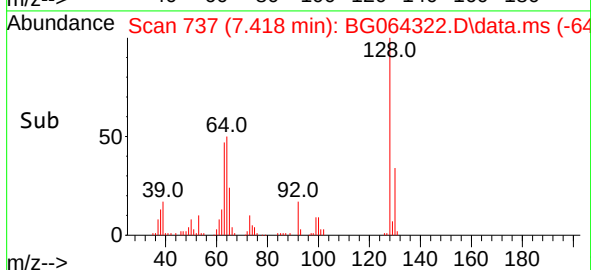
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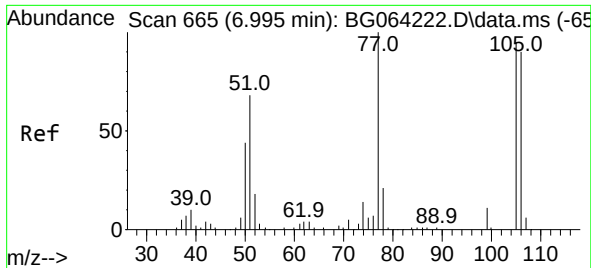


#8
2-Chlorophenol
Concen: 45.140 ng
RT: 7.418 min Scan# 737
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40



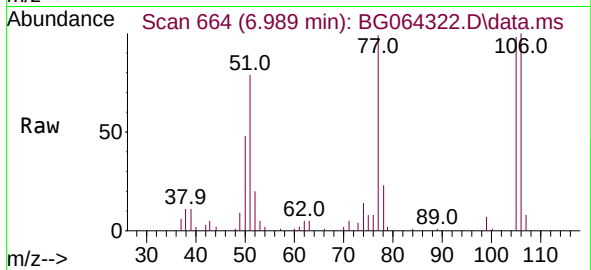
Tgt Ion:128 Resp: 66022
Ion Ratio Lower Upper
128 100
130 33.9 10.9 50.9
64 50.0 28.7 68.7





#9
Benzaldehyde
Concen: 19.403 ng
RT: 6.989 min Scan# 665
Delta R.T. -0.006 min
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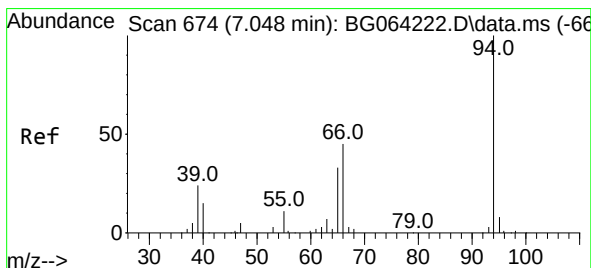
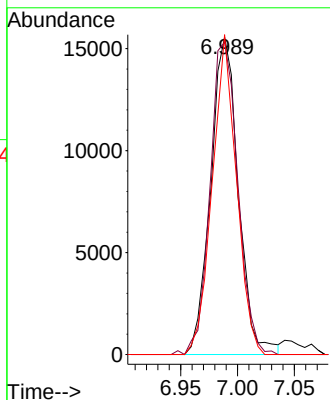
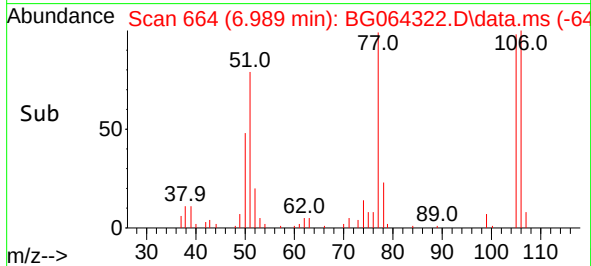
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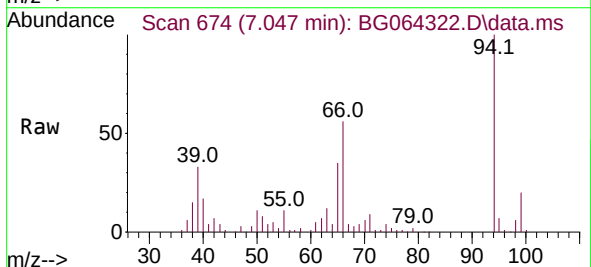
Tgt Ion: 77 Resp: 2625
Ion Ratio Lower Upper
77 100
105 98.5 75.2 115.2
106 100.8 69.6 109.6

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APPROVED

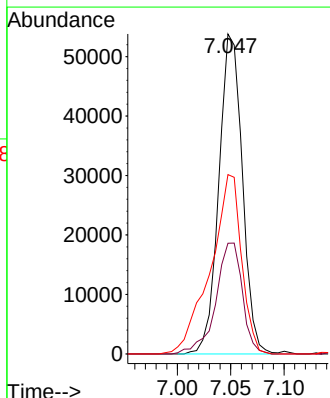
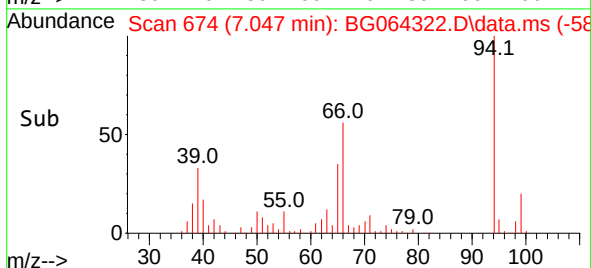
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

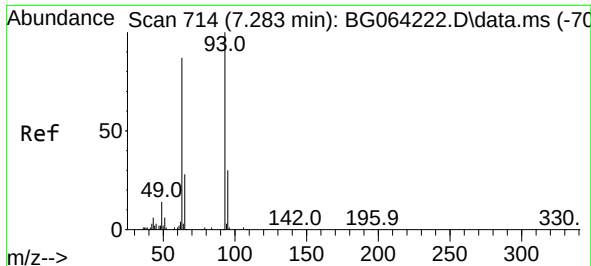


#10
Phenol
Concen: 45.549 ng
RT: 7.047 min Scan# 674
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40



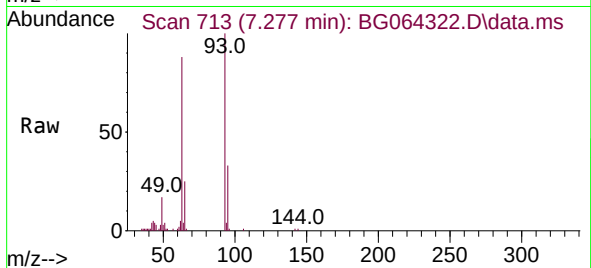
Tgt Ion: 94 Resp: 82577
Ion Ratio Lower Upper
94 100
65 34.6 13.5 53.5
66 56.0 26.2 66.2





#11
bis(2-Chloroethyl)ether
Concen: 37.863 ng
RT: 7.277 min Scan# 714
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

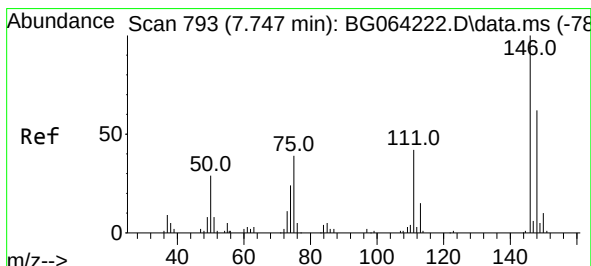
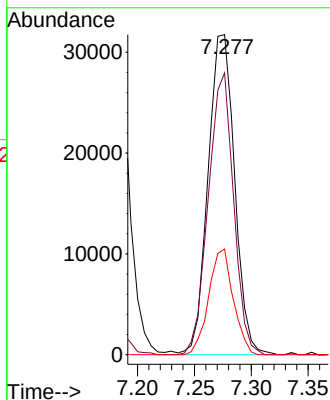
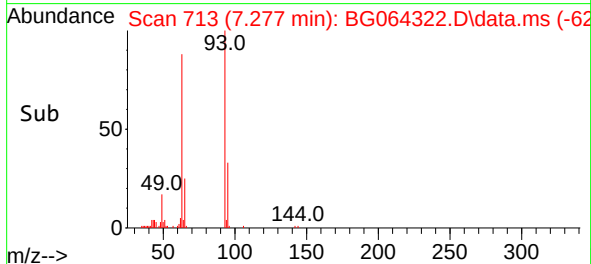
Instrument :
BNA_G
ClientSampleId :
PB169604BSD



Tgt Ion: 93 Resp: 51582
Ion Ratio Lower Upper
93 100
63 88.0 66.2 106.2
95 33.0 9.8 49.8

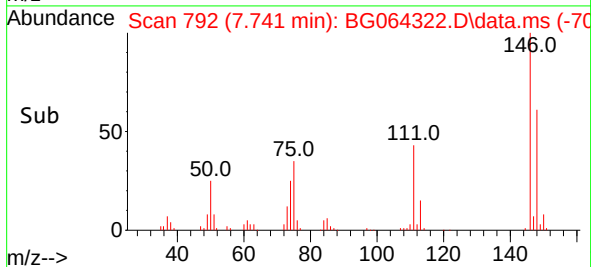
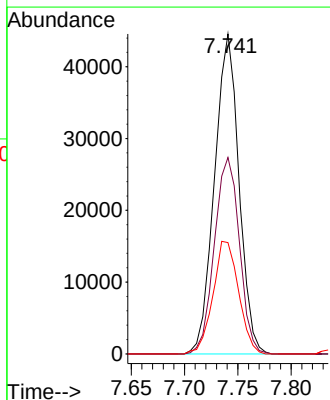
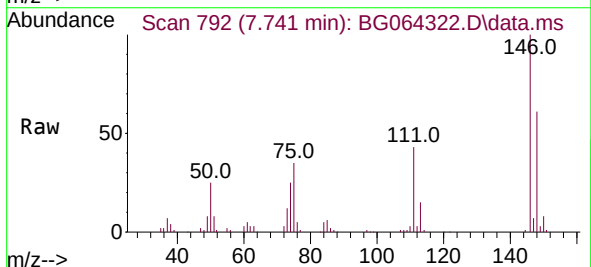
Manual Integrations
APPROVED

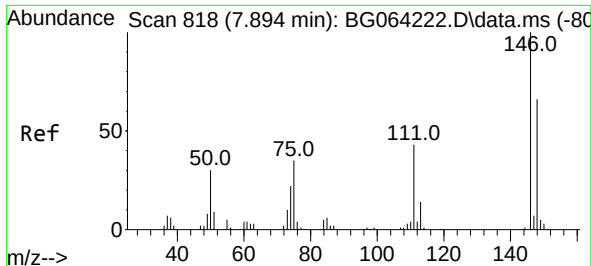
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#12
1,3-Dichlorobenzene
Concen: 45.755 ng
RT: 7.741 min Scan# 792
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

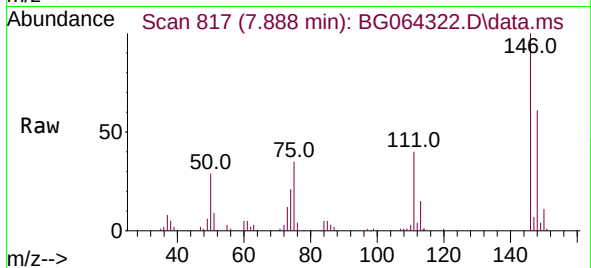
Tgt Ion:146 Resp: 71195
Ion Ratio Lower Upper
146 100
148 61.4 49.6 74.4
75 34.8 31.0 46.6





#13
1,4-Dichlorobenzene
Concen: 44.745 ng
RT: 7.888 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

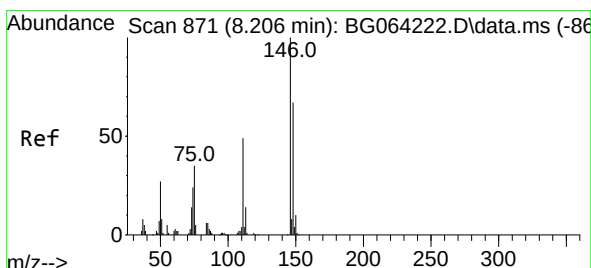
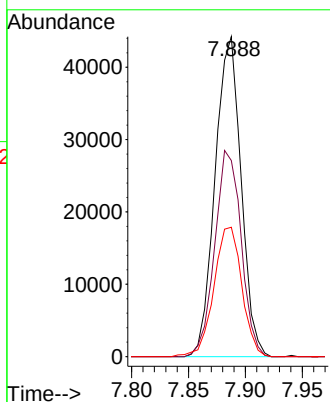
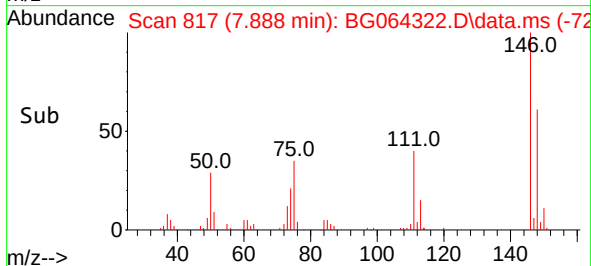
Instrument :
BNA_G
ClientSampleId :
PB169604BSD



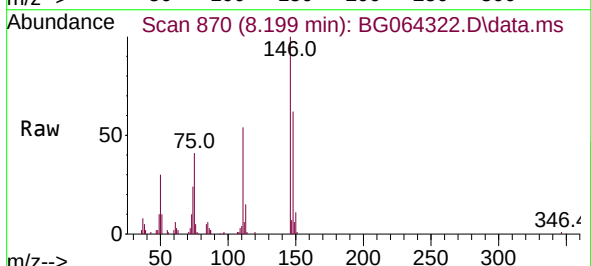
Tgt Ion:146 Resp: 7026
Ion Ratio Lower Upper
146 100
148 61.3 52.8 79.2
111 40.4 34.1 51.1

Manual Integrations
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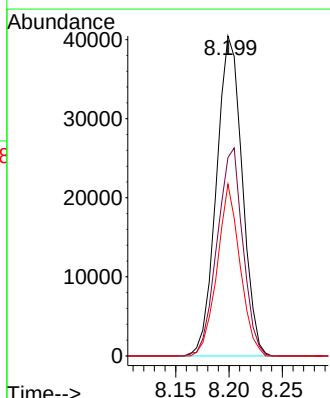
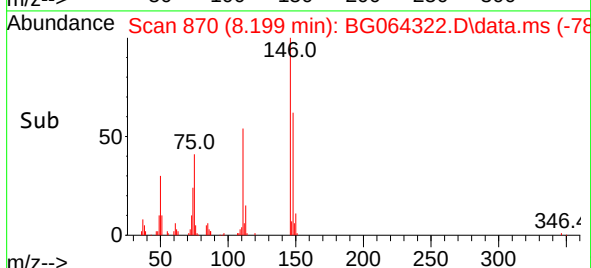
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

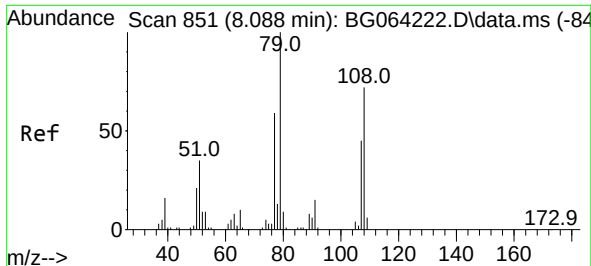


#14
1,2-Dichlorobenzene
Concen: 44.887 ng
RT: 8.199 min Scan# 870
Delta R.T. -0.013 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40



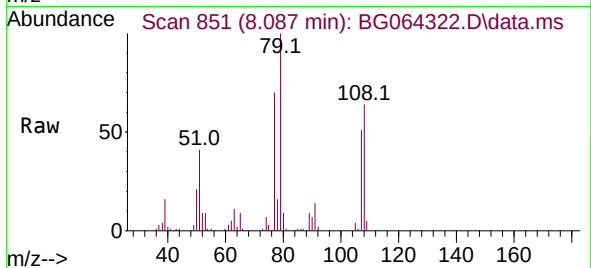
Tgt Ion:146 Resp: 68032
Ion Ratio Lower Upper
146 100
148 62.0 53.4 80.0
111 53.7 39.1 58.7





#15
Benzyl Alcohol
Concen: 45.470 ng
RT: 8.087 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

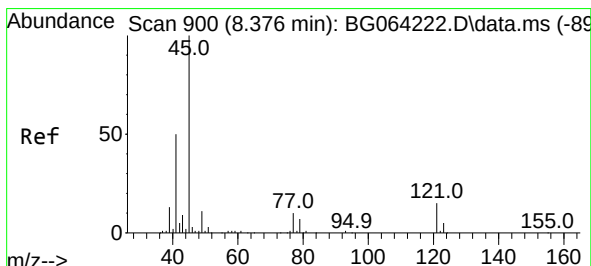
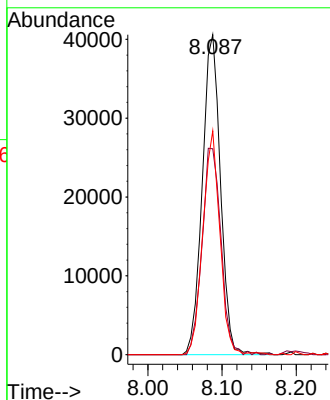
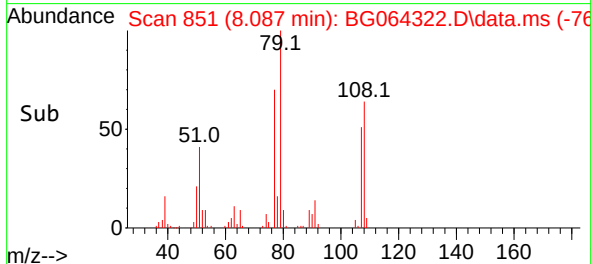
Instrument :
BNA_G
ClientSampleId :
PB169604BSD



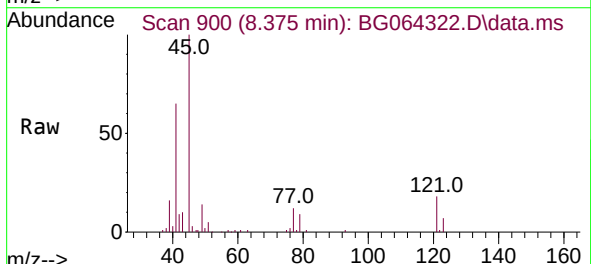
Tgt Ion: 79 Resp: 68999
Ion Ratio Lower Upper
79 100
108 64.3 57.4 86.0
77 69.9 47.2 70.8

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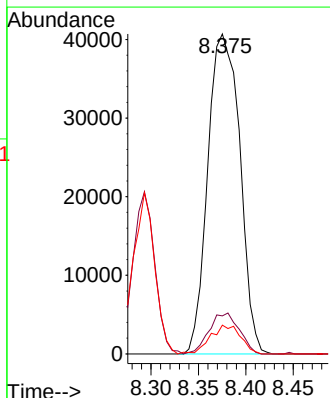
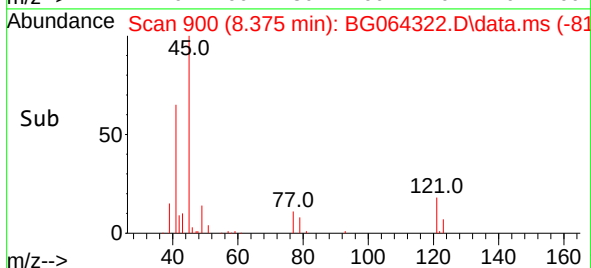
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

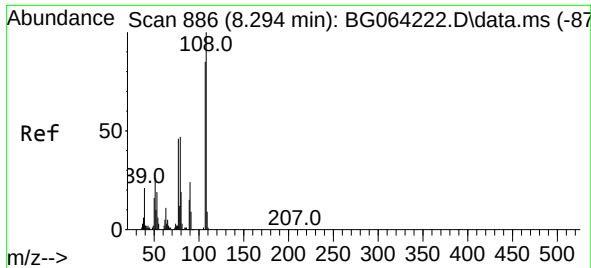


#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.764 ng
RT: 8.375 min Scan# 900
Delta R.T. -0.001 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40



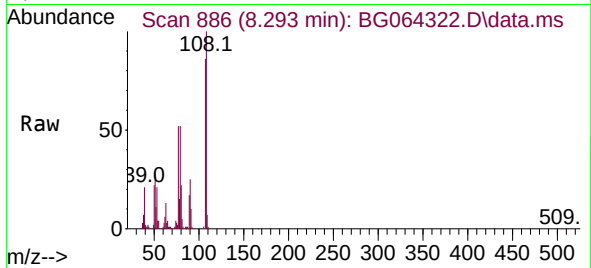
Tgt Ion: 45 Resp: 95687
Ion Ratio Lower Upper
45 100
77 11.9 0.0 30.0
79 9.0 0.0 27.9





#17
2-Methylphenol
Concen: 42.449 ng
RT: 8.293 min Scan# 886
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

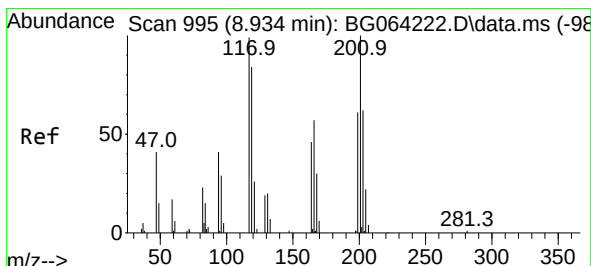
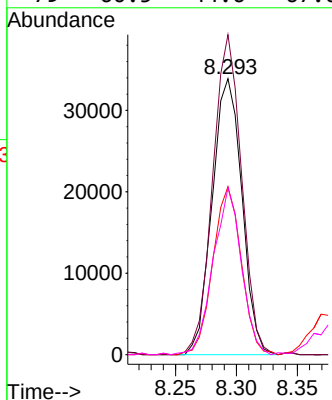
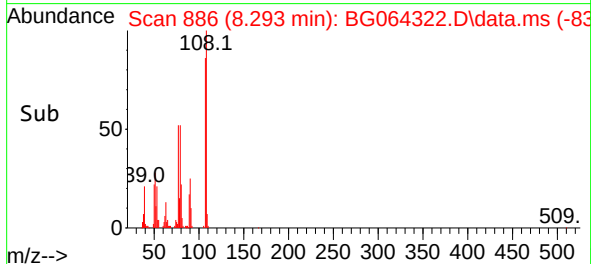
Instrument :
BNA_G
ClientSampleId :
PB169604BSD



Tgt Ion:107 Resp: 5735
Ion Ratio Lower Upper
107 100
108 116.0 94.6 141.8
77 60.8 43.7 65.5
79 60.5 44.6 67.0

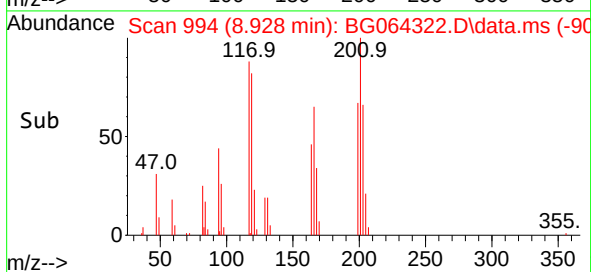
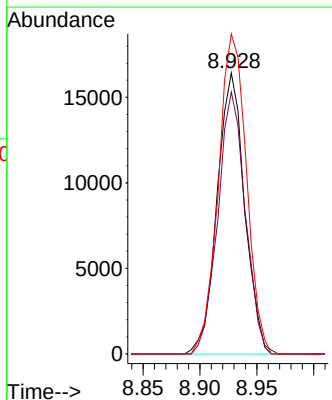
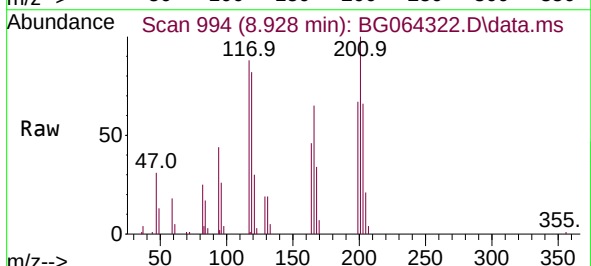
Manual Integrations
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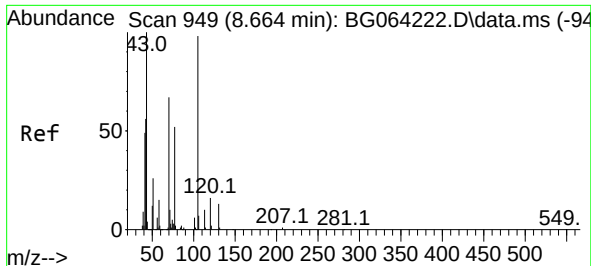
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#18
Hexachloroethane
Concen: 44.798 ng
RT: 8.928 min Scan# 994
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

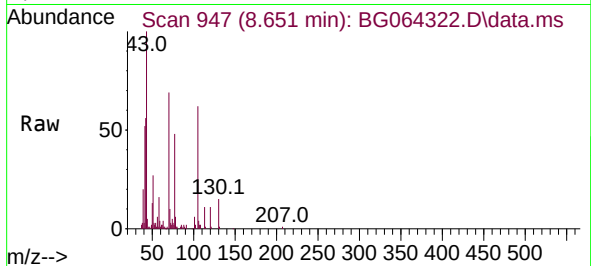
Tgt Ion:117 Resp: 27461
Ion Ratio Lower Upper
117 100
119 93.2 67.9 101.9
201 113.9 80.5 120.7





#19
n-Nitroso-di-n-propylamine
Concen: 40.174 ng
RT: 8.651 min Scan# 94
Delta R.T. -0.013 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

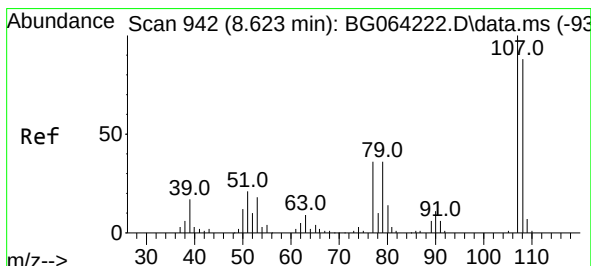
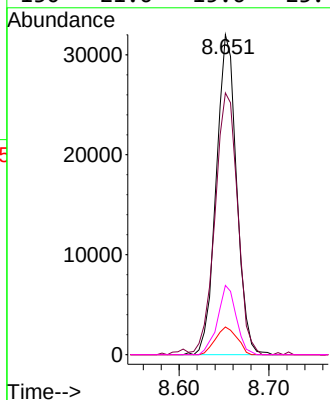
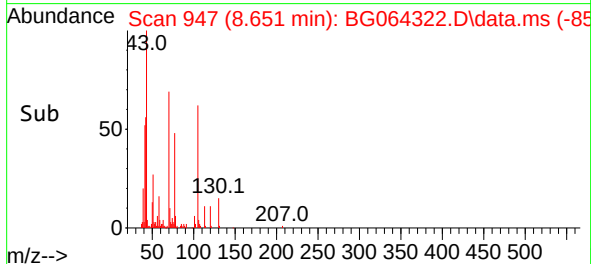
Instrument :
BNA_G
ClientSampleId :
PB169604BSD



Tgt Ion: 70 Resp: 50559
Ion Ratio Lower Upper
70 100
42 81.8 67.9 101.9
101 8.6 7.3 10.9
130 21.6 15.6 23.4

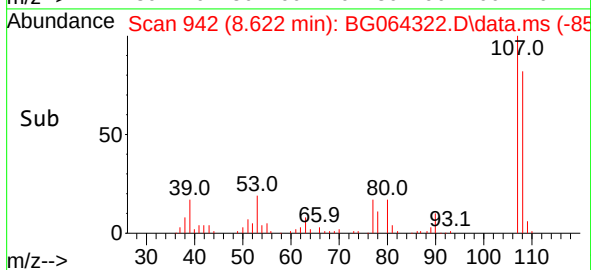
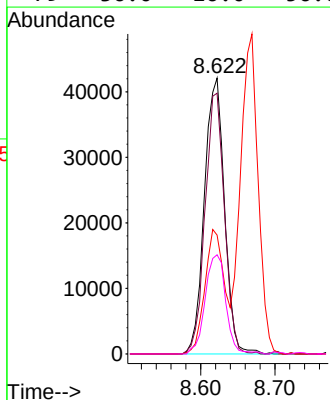
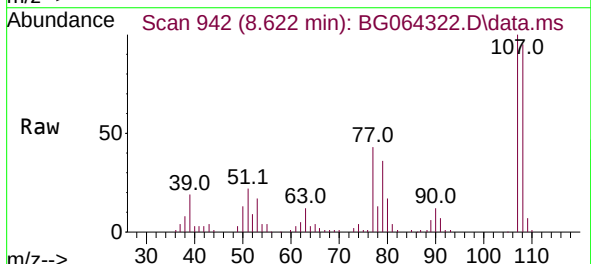
Manual Integrations
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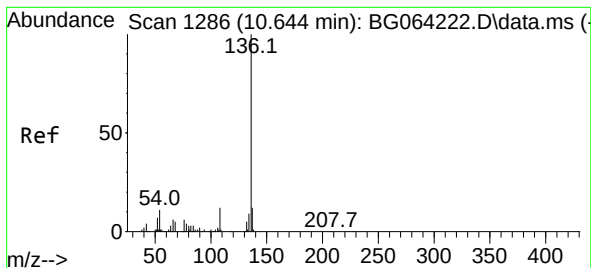
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#20
3+4-Methylphenols
Concen: 42.193 ng
RT: 8.622 min Scan# 942
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

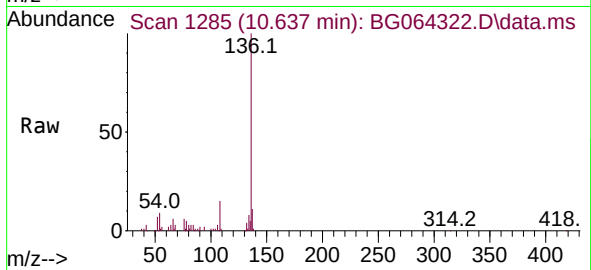
Tgt Ion:107 Resp: 79215
Ion Ratio Lower Upper
107 100
108 94.6 68.1 108.1
77 43.1 15.9 55.9
79 36.0 16.0 56.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.637 min Scan# 1285
Delta R.T. -0.013 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

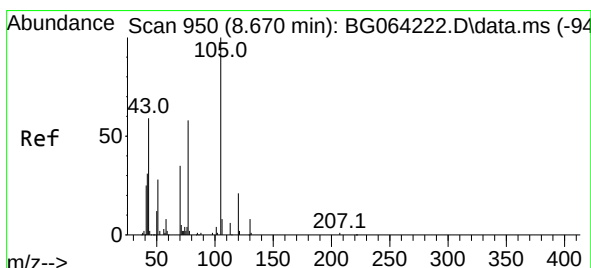
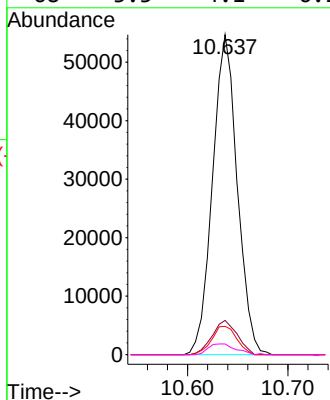
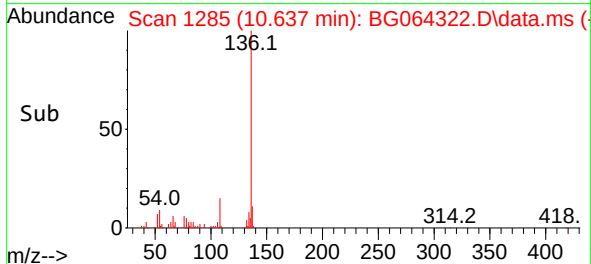
Instrument :
BNA_G
ClientSampleId :
PB169604BSD



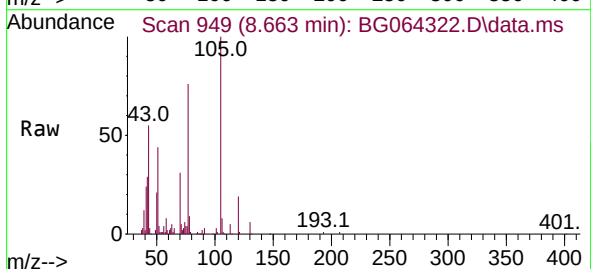
Tgt Ion:136 Resp: 93600
Ion Ratio Lower Upper
136 100
137 10.7 9.6 14.4
54 9.5 8.8 13.2
68 3.3 4.1 6.1#

Manual Integrations
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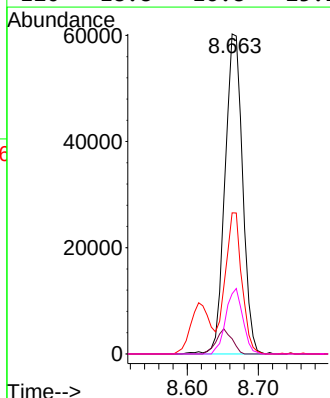
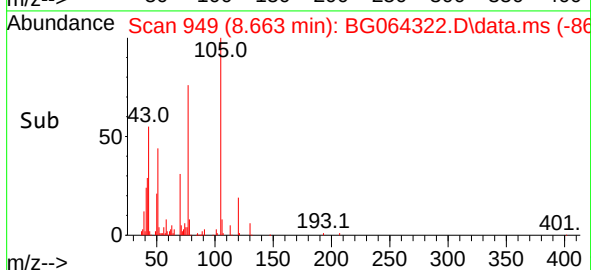
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

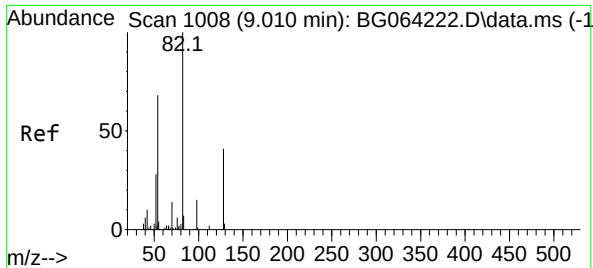


#22
Acetophenone
Concen: 43.831 ng
RT: 8.663 min Scan# 949
Delta R.T. -0.013 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40



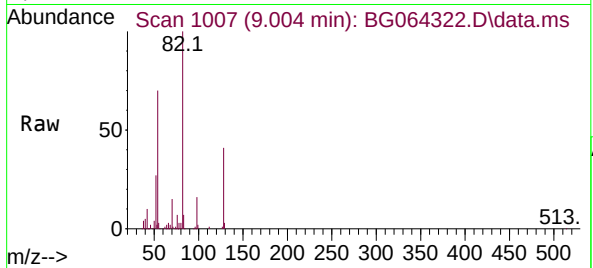
Tgt Ion:105 Resp: 103798
Ion Ratio Lower Upper
105 100
71 4.8 4.3 6.5
51 44.1 32.4 48.6
120 18.8 16.8 25.2





#23
Nitrobenzene-d5
Concen: 87.926 ng
RT: 9.004 min Scan# 1007
Delta R.T. -0.013 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

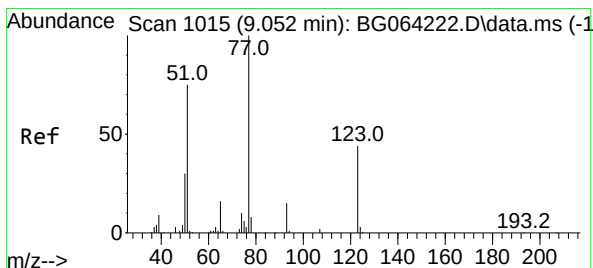
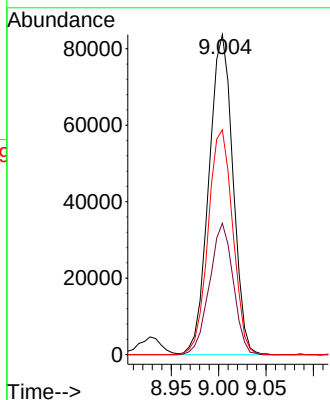
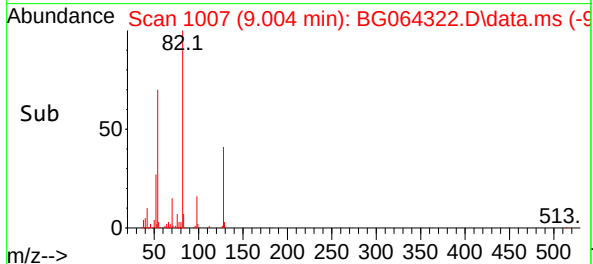
Instrument :
BNA_G
ClientSampleId :
PB169604BSD



Tgt Ion: 82 Resp: 147576
Ion Ratio Lower Upper
82 100
128 41.0 32.6 48.8
54 70.2 54.7 82.1

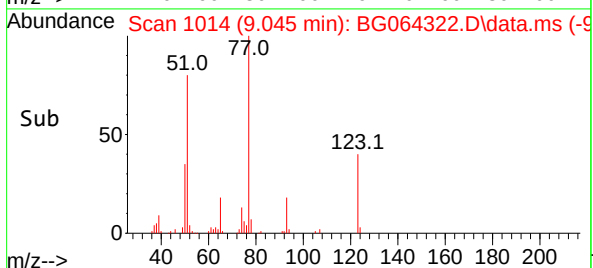
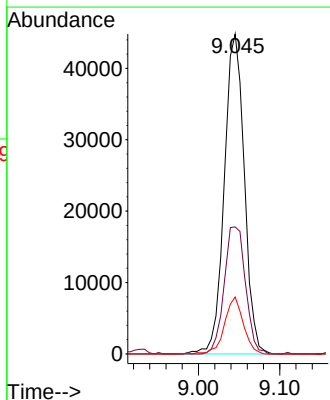
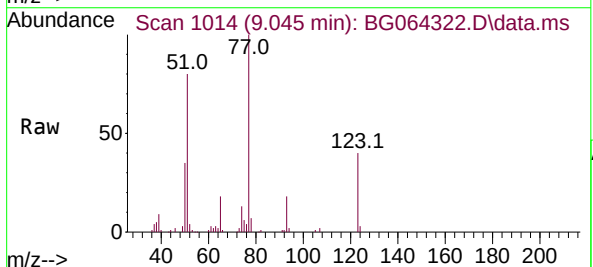
Manual Integrations
APPROVED

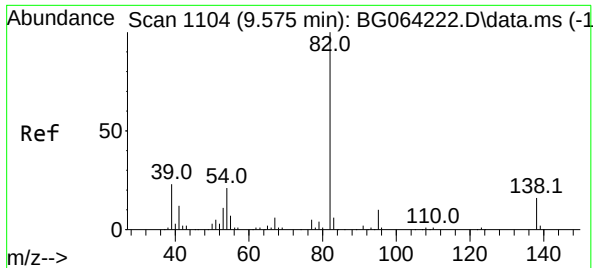
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#24
Nitrobenzene
Concen: 43.660 ng
RT: 9.045 min Scan# 1014
Delta R.T. -0.013 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

Tgt Ion: 77 Resp: 76564
Ion Ratio Lower Upper
77 100
123 39.7 35.2 52.8
65 17.8 12.6 19.0





#25
Isophorone
Concen: 40.094 ng
RT: 9.568 min Scan# 1103
Delta R.T. -0.019 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

Instrument :

BNA_G

ClientSampleId :

PB169604BSD

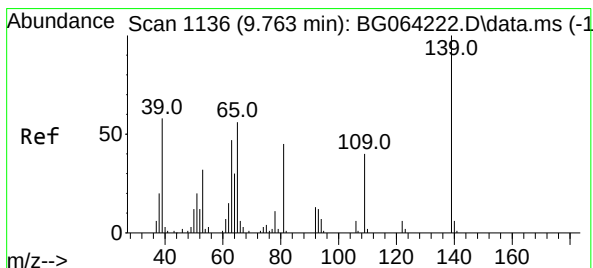
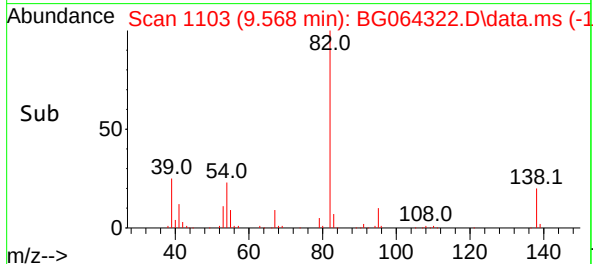
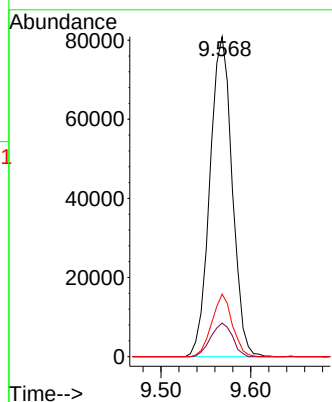
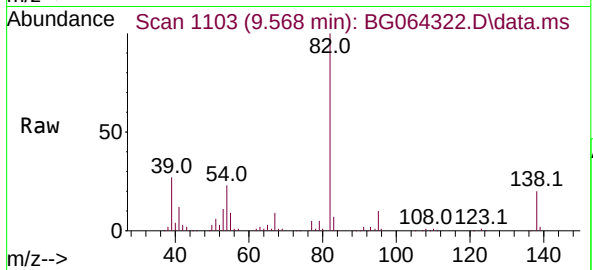
Tgt Ion: 82 Resp: 13986
Ion Ratio Lower Upper
82 100
95 10.5 7.9 11.9
138 19.5 13.0 19.4

Manual Integrations

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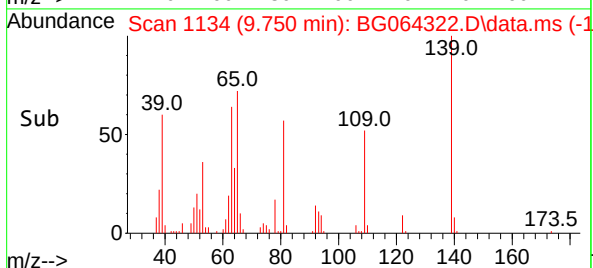
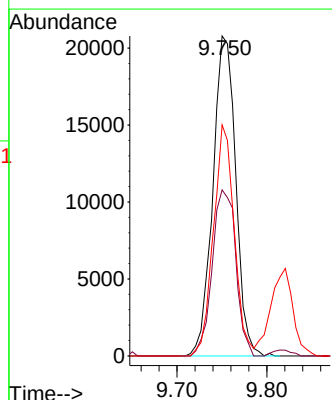
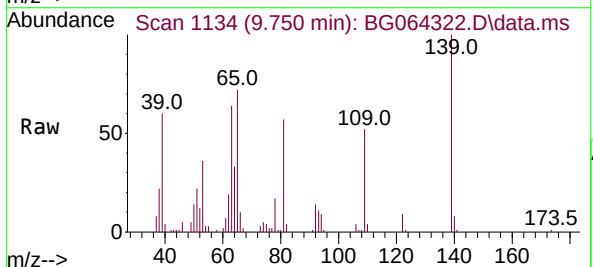
Reviewed By :Rahul Chavli 09/10/2025

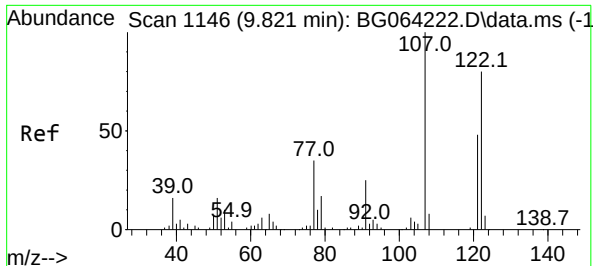
Supervised By :Jagrut Upadhyay 09/10/2025



#26
2-Nitrophenol
Concen: 48.562 ng
RT: 9.750 min Scan# 1134
Delta R.T. -0.013 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

Tgt Ion:139 Resp: 36797
Ion Ratio Lower Upper
139 100
109 51.9 32.4 48.6#
65 72.2 44.6 67.0#





#27
2,4-Dimethylphenol
Concen: 51.276 ng
RT: 9.821 min Scan# 1146
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

Instrument :

BNA_G

ClientSampleId :

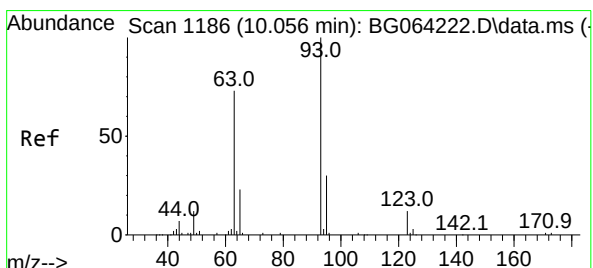
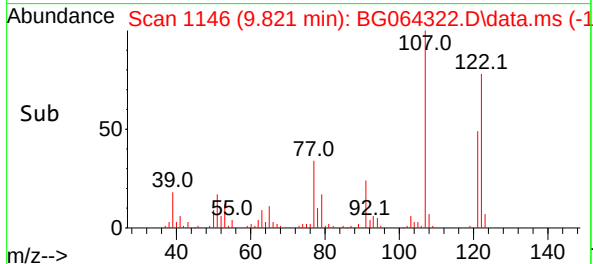
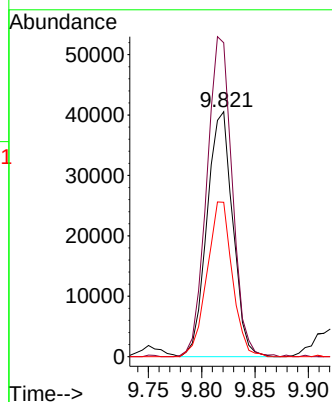
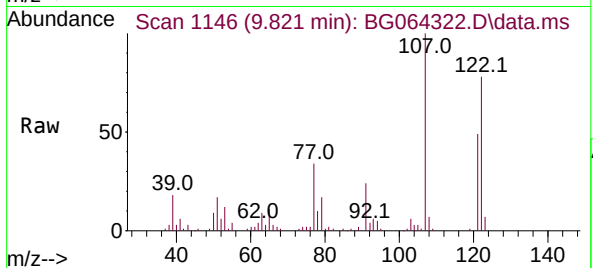
PB169604BSD

Tgt Ion:122 Resp: 68215
Ion Ratio Lower Upper
122 100
107 128.1 99.9 149.9
121 63.0 48.6 72.8

Manual Integrations

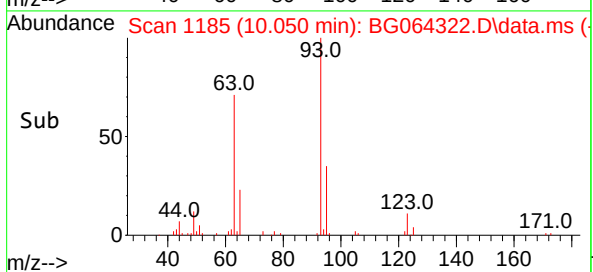
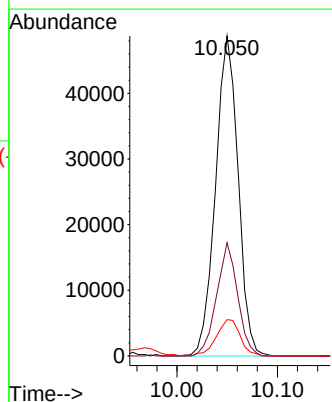
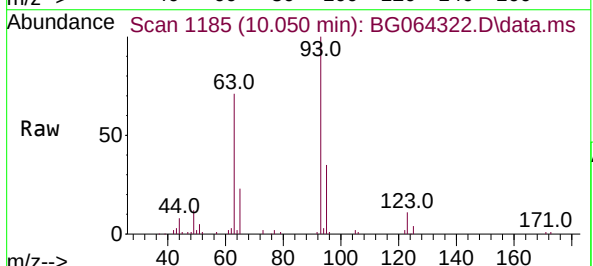
APPROVED

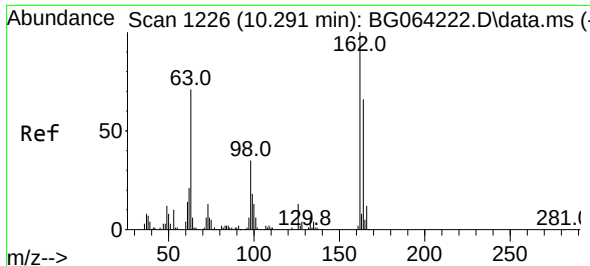
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#28
bis(2-Chloroethoxy)methane
Concen: 40.497 ng
RT: 10.050 min Scan# 1185
Delta R.T. -0.013 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

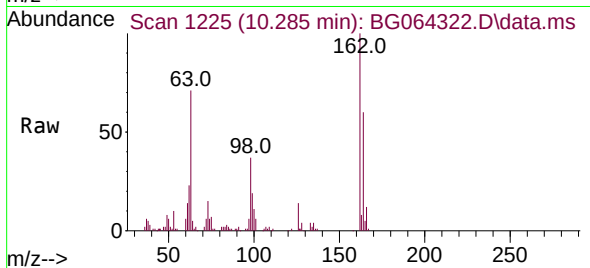
Tgt Ion: 93 Resp: 76172
Ion Ratio Lower Upper
93 100
95 35.3 23.9 35.9
123 11.3 9.6 14.4





#29
2,4-Dichlorophenol
Concen: 50.993 ng
RT: 10.285 min Scan# 1225
Delta R.T. -0.013 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

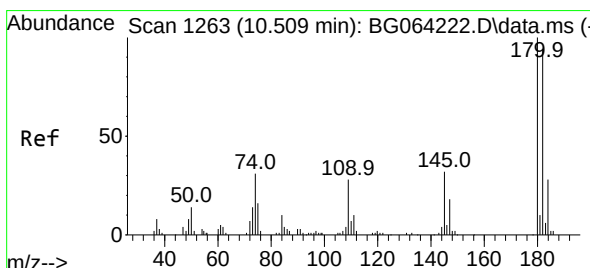
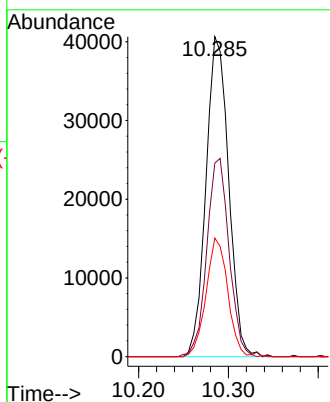
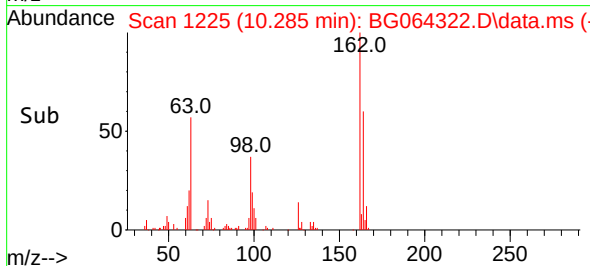
Instrument :
BNA_G
ClientSampleId :
PB169604BSD



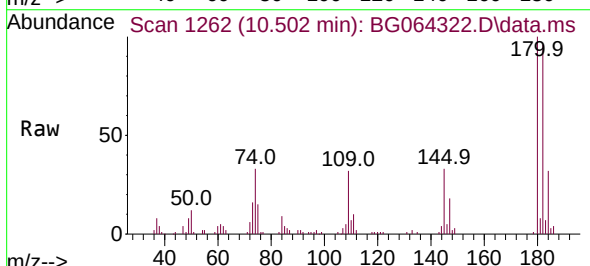
Tgt Ion:162 Resp: 71578
Ion Ratio Lower Upper
162 100
164 60.5 45.8 85.8
98 37.0 15.2 55.2

Manual Integrations
APPROVED

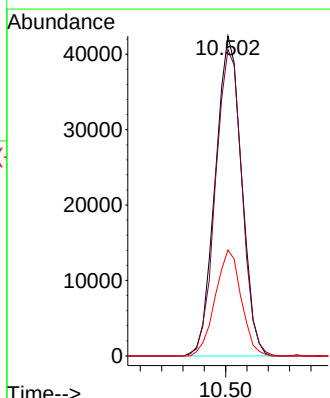
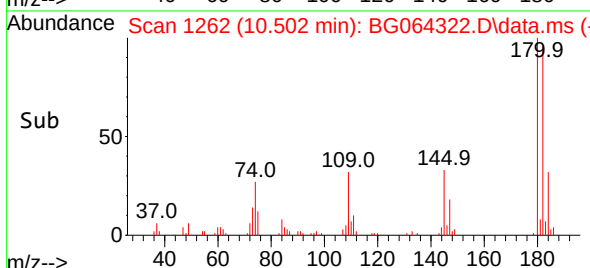
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

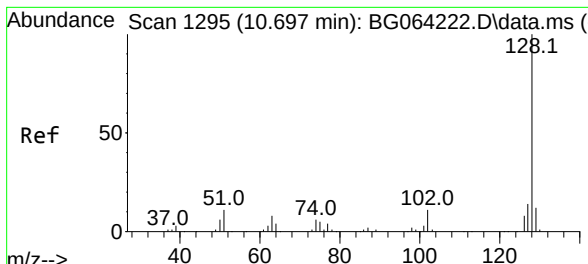


#30
1,2,4-Trichlorobenzene
Concen: 49.124 ng
RT: 10.502 min Scan# 1262
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40



Tgt Ion:180 Resp: 72705
Ion Ratio Lower Upper
180 100
182 95.8 75.0 112.6
145 33.1 25.4 38.0





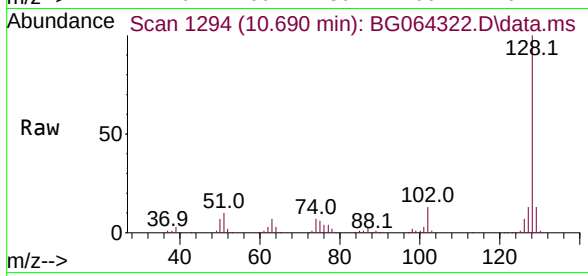
#31
Naphthalene
Concen: 43.390 ng
RT: 10.690 min Scan# 1170
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

Instrument :

BNA_G

ClientSampleId :

PB169604BSD



Tgt Ion:128 Resp: 210616

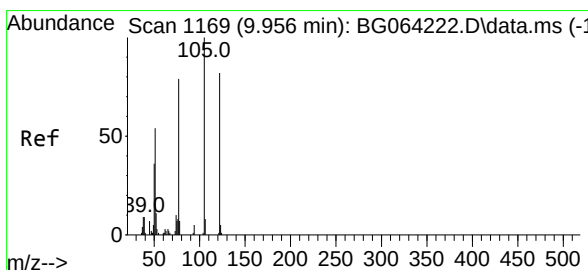
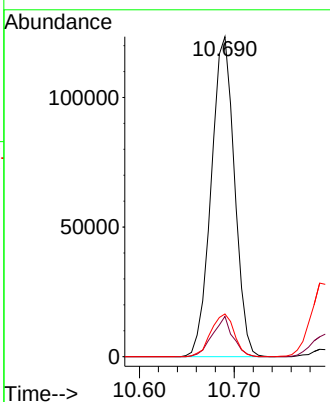
Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.4	14.2
127	13.3	10.9	16.3

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

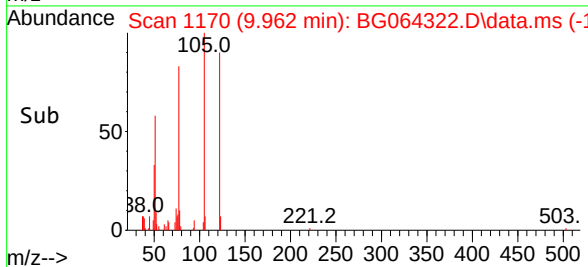
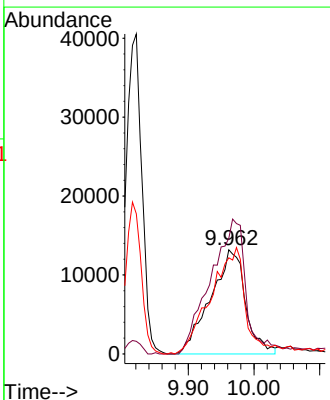
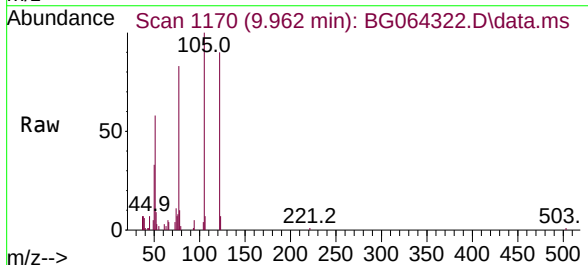
Supervised By :Jagrut Upadhyay 09/10/2025

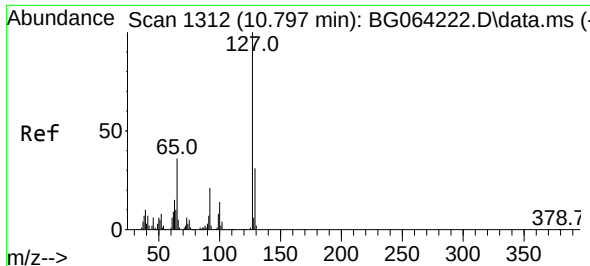


#32
Benzoic acid
Concen: 46.122 ng
RT: 9.962 min Scan# 1170
Delta R.T. -0.054 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

Tgt Ion:122 Resp: 48706

Ion	Ratio	Lower	Upper
122	100		
105	111.1	98.5	138.5
77	92.4	74.6	114.6





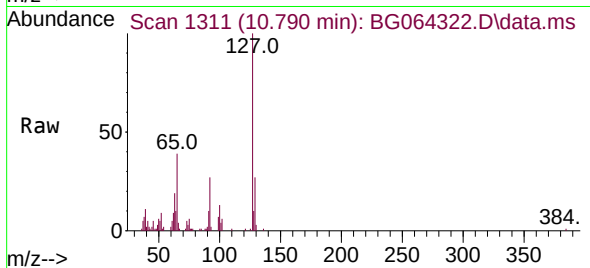
#33
4-Chloroaniline
Concen: 28.590 ng
RT: 10.790 min Scan# 1312
Delta R.T. -0.013 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

Instrument :

BNA_G

ClientSampleId :

PB169604BSD

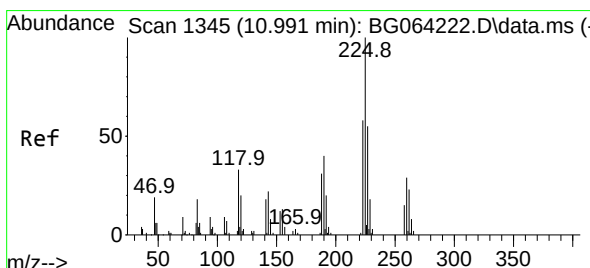
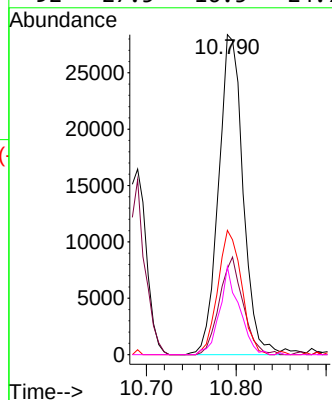
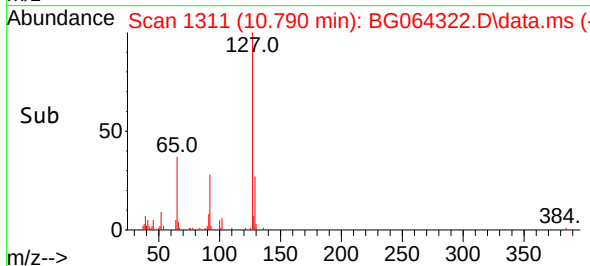


Tgt Ion:127 Resp: 5378
Ion Ratio Lower Upper
127 100
129 26.9 25.0 37.4
65 38.8 28.7 43.1
92 27.5 16.5 24.7#

Manual Integrations

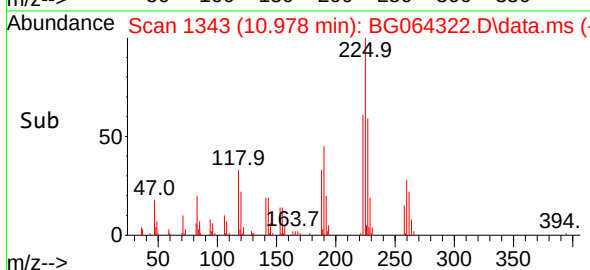
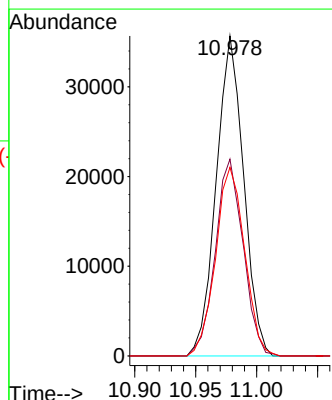
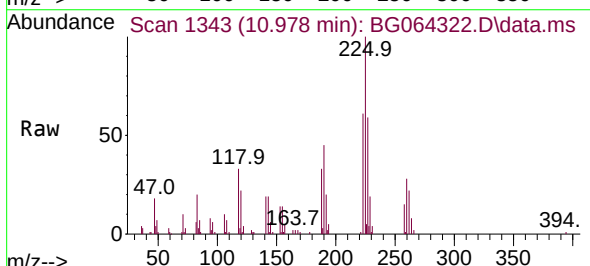
APPROVED

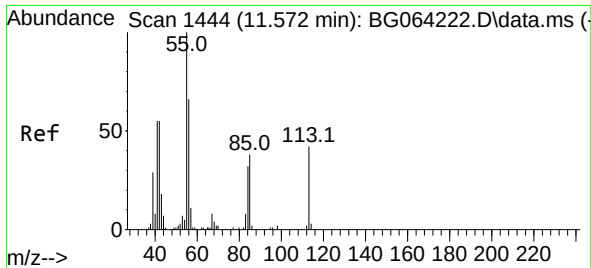
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#34
Hexachlorobutadiene
Concen: 51.040 ng
RT: 10.978 min Scan# 1343
Delta R.T. -0.013 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

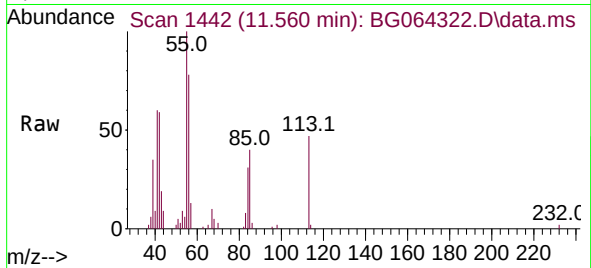
Tgt Ion:225 Resp: 55839
Ion Ratio Lower Upper
225 100
223 61.5 46.5 69.7
227 58.9 44.1 66.1





#35
Caprolactam
Concen: 45.106 ng m
RT: 11.560 min Scan# 1444
Delta R.T. -0.042 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

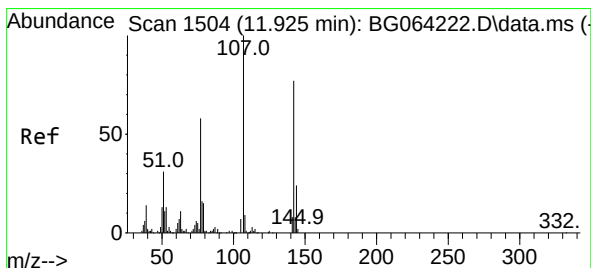
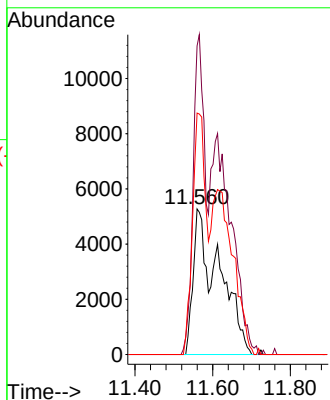
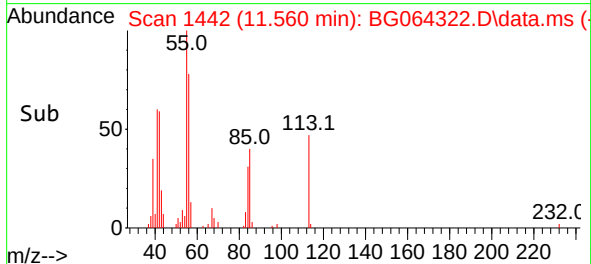
Instrument :
BNA_G
ClientSampleId :
PB169604BSD



Tgt Ion:113 Resp: 24516
Ion Ratio Lower Upper
113 100
55 211.9 218.5 258.5
56 165.7 138.5 178.5

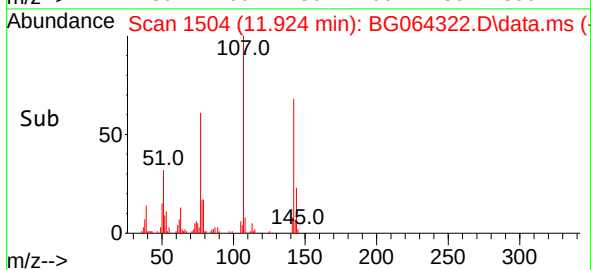
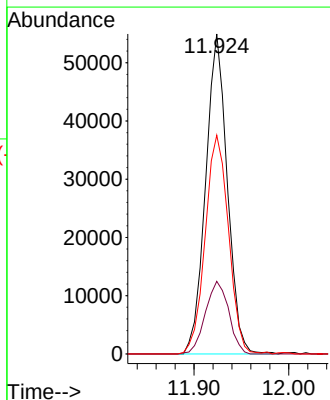
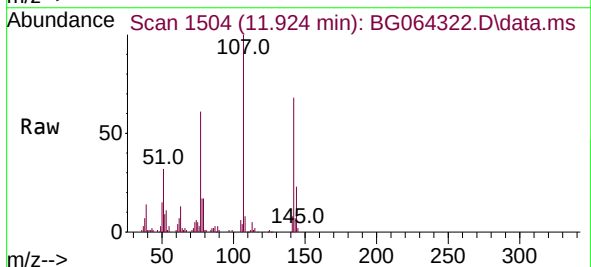
Manual Integrations
APPROVED

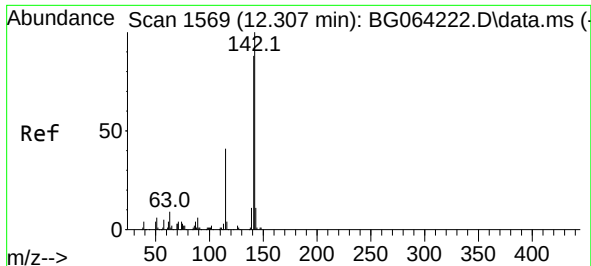
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#36
4-Chloro-3-methylphenol
Concen: 47.928 ng
RT: 11.924 min Scan# 1504
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

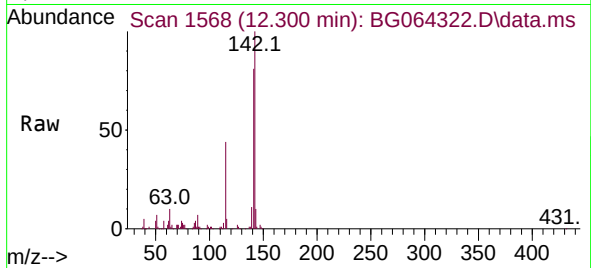
Tgt Ion:107 Resp: 87287
Ion Ratio Lower Upper
107 100
144 22.7 19.5 29.3
142 68.4 62.0 93.0





#37
2-Methylnaphthalene
Concen: 40.859 ng
RT: 12.300 min Scan# 1569
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

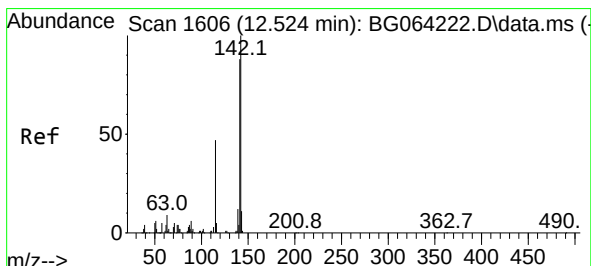
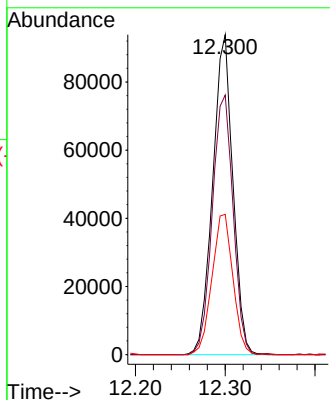
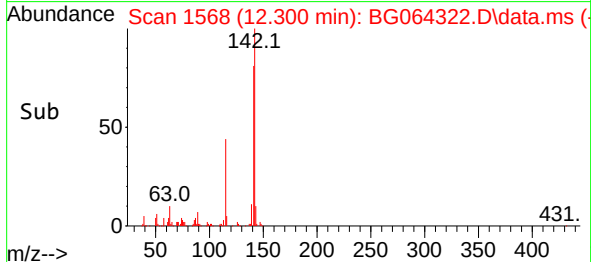
Instrument :
BNA_G
ClientSampleId :
PB169604BSD



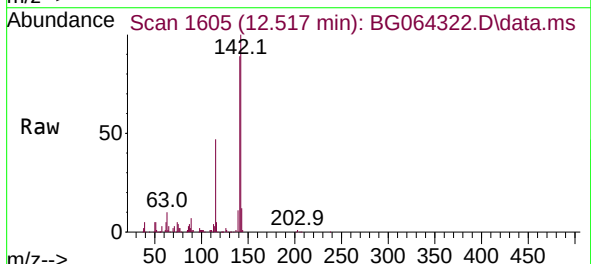
Tgt Ion:142 Resp: 147418
Ion Ratio Lower Upper
142 100
141 81.1 70.1 105.1
115 43.8 33.1 49.7

Manual Integrations
APPROVED

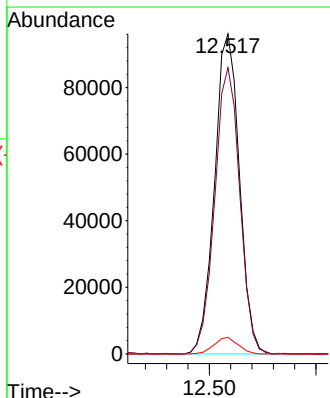
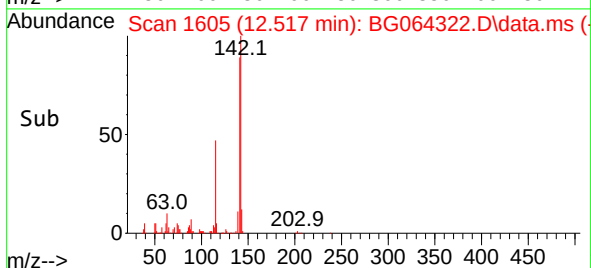
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

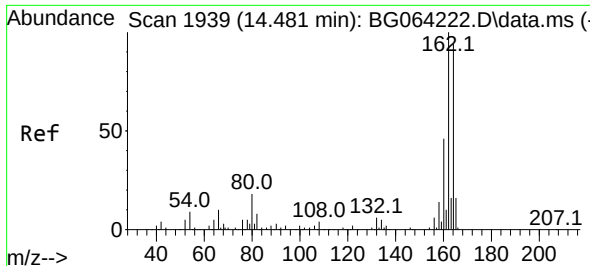


#38
1-Methylnaphthalene
Concen: 43.754 ng
RT: 12.517 min Scan# 1605
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40



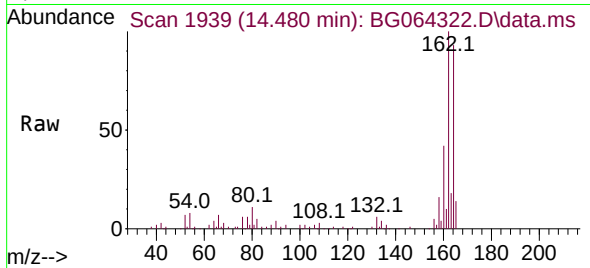
Tgt Ion:142 Resp: 155926
Ion Ratio Lower Upper
142 100
141 89.4 70.3 105.5
116 5.2 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1939
Delta R.T. -0.001 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

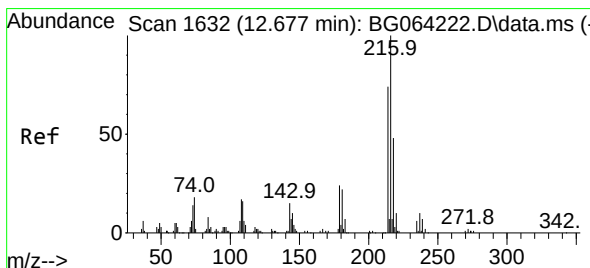
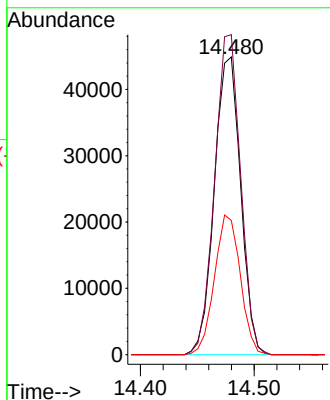
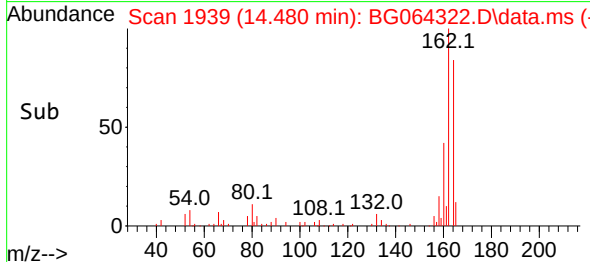
Instrument :
BNA_G
ClientSampleId :
PB169604BSD



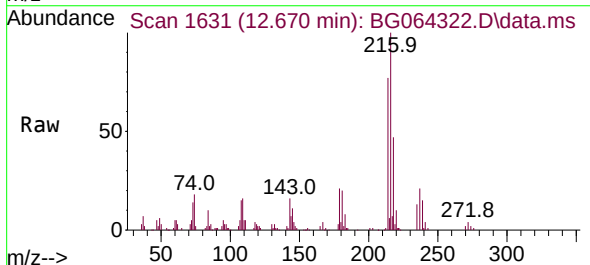
Tgt Ion:164 Resp: 72258
Ion Ratio Lower Upper
164 100
162 107.5 85.4 128.0
160 45.1 39.2 58.8

Manual Integrations
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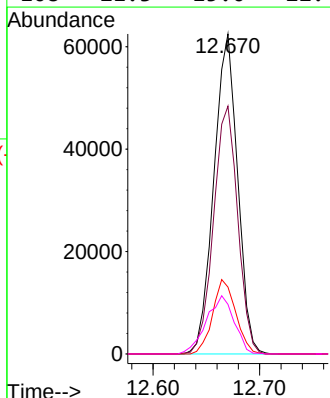
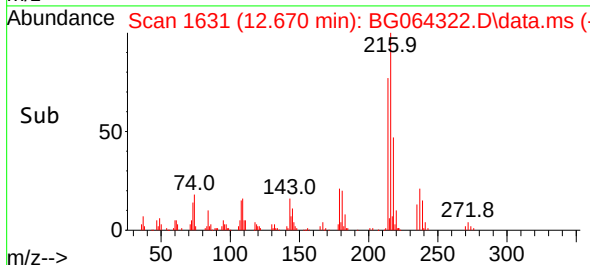
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

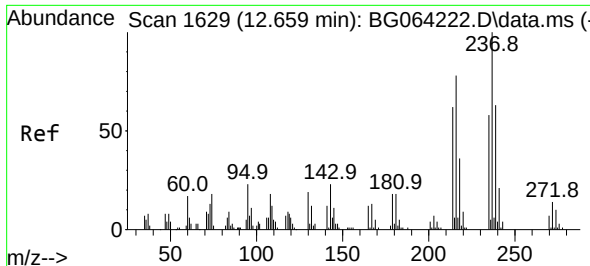


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.355 ng
RT: 12.670 min Scan# 1631
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40



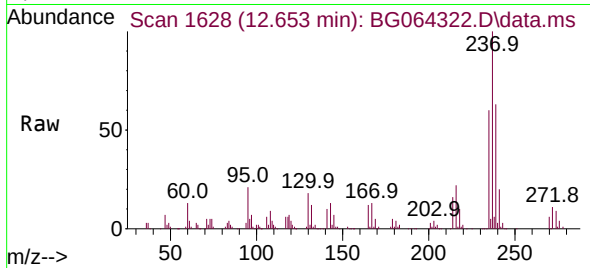
Tgt Ion:216 Resp: 96644
Ion Ratio Lower Upper
216 100
214 78.7 61.9 92.9
179 22.7 17.9 26.9
108 21.3 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 142.215 ng
RT: 12.653 min Scan# 1629
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

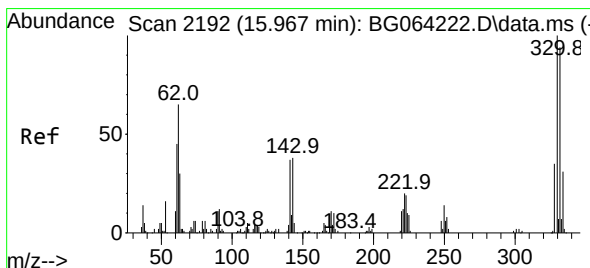
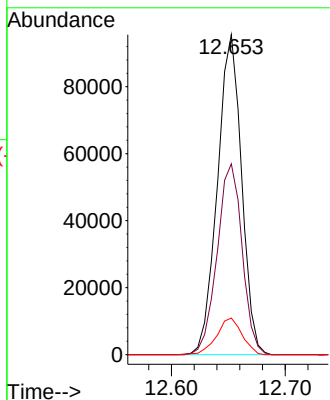
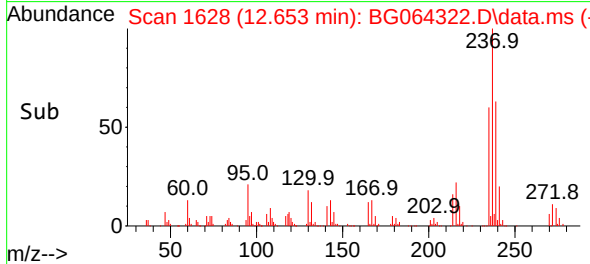
Instrument :
BNA_G
ClientSampleId :
PB169604BSD



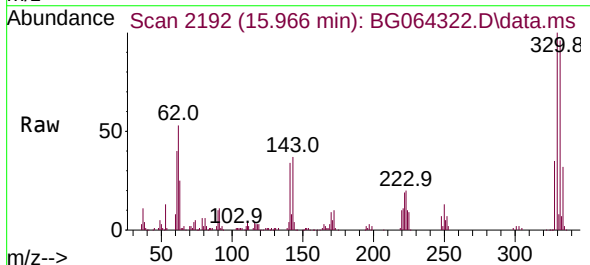
Tgt Ion: 237 Resp: 140917
Ion Ratio Lower Upper
237 100
235 59.6 37.9 77.9
272 11.4 0.0 33.8

Manual Integrations
APPROVED

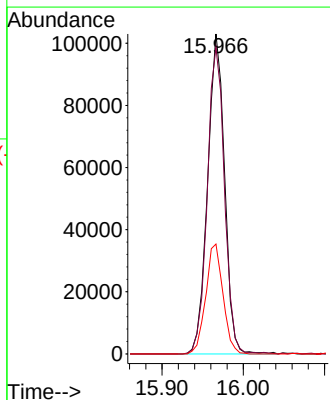
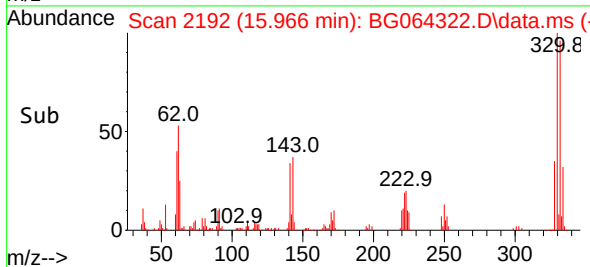
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

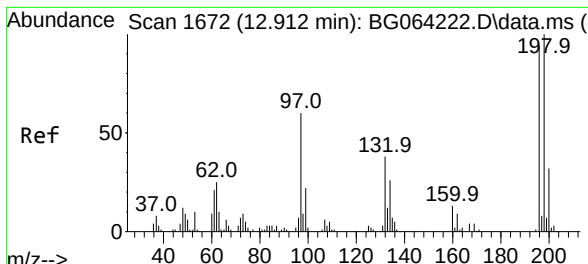


#42
2,4,6-Tribromophenol
Concen: 156.659 ng
RT: 15.966 min Scan# 2192
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40



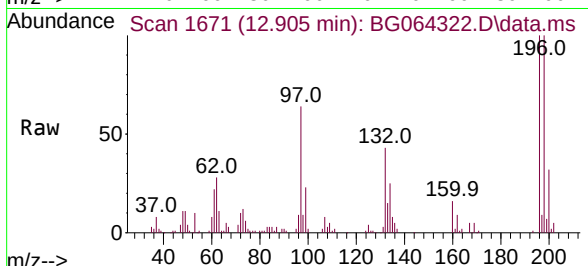
Tgt Ion: 330 Resp: 149937
Ion Ratio Lower Upper
330 100
332 96.9 77.6 116.4
141 34.8 29.8 44.6





#43
2,4,6-Trichlorophenol
Concen: 47.623 ng
RT: 12.905 min Scan# 1671
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

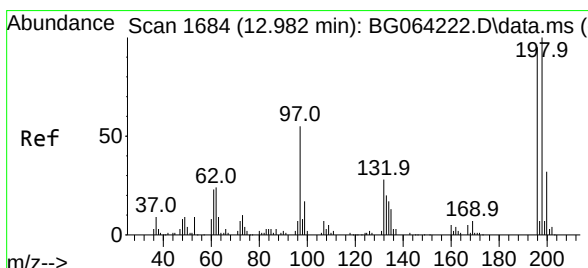
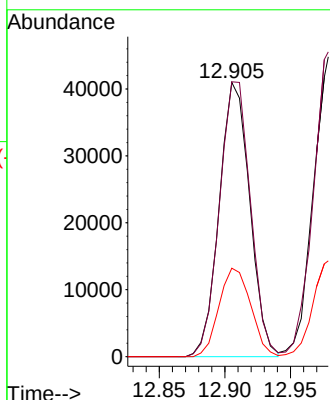
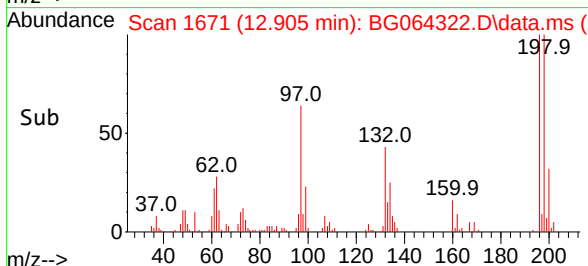
Instrument :
BNA_G
ClientSampleId :
PB169604BSD



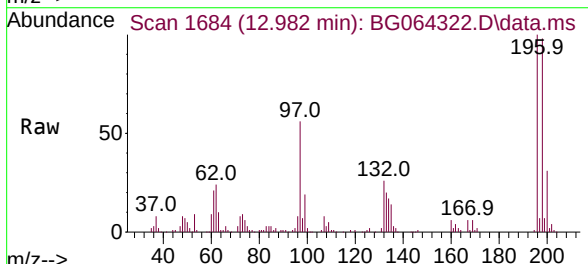
Tgt Ion:196 Resp: 66362
Ion Ratio Lower Upper
196 100
198 100.2 85.4 128.2
200 32.2 27.3 40.9

Manual Integrations
APPROVED

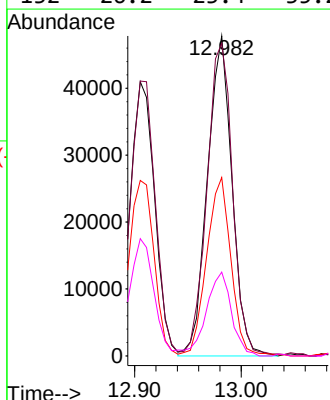
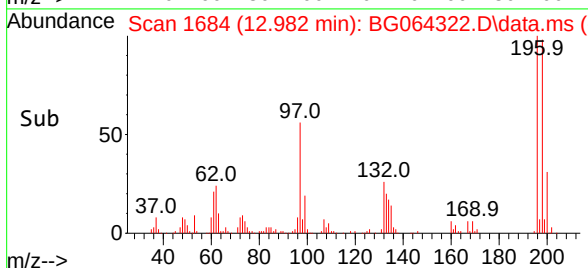
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

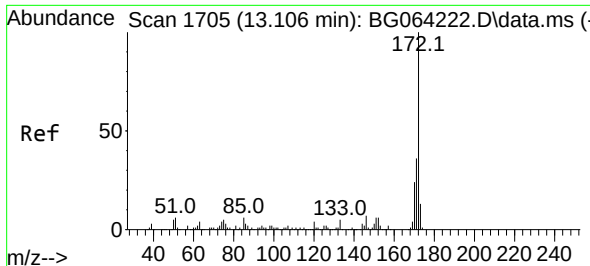


#44
2,4,5-Trichlorophenol
Concen: 50.703 ng
RT: 12.982 min Scan# 1684
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40



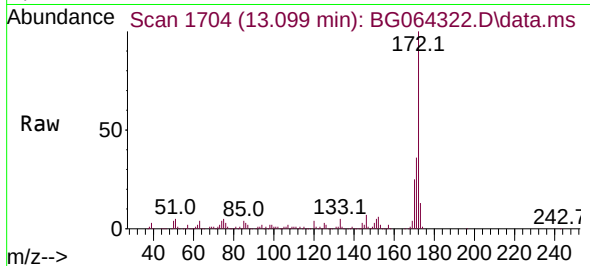
Tgt Ion:196 Resp: 76644
Ion Ratio Lower Upper
196 100
198 97.7 84.5 126.7
97 55.7 46.8 70.2
132 26.2 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 85.119 ng
RT: 13.099 min Scan# 1704
Delta R.T. -0.013 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

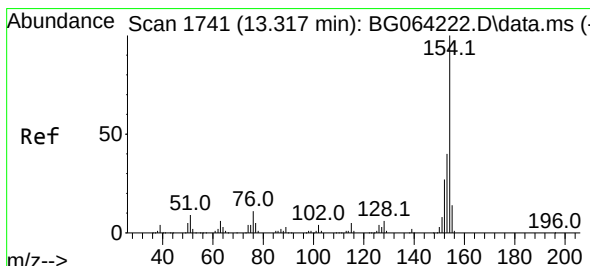
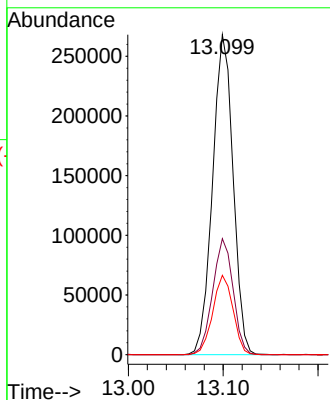
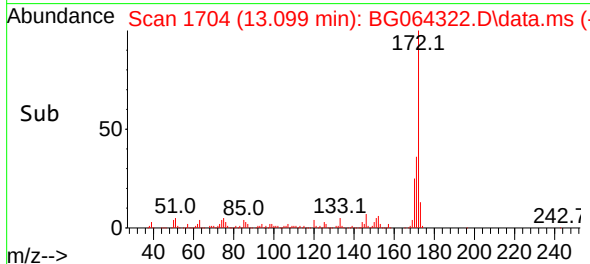
Instrument :
BNA_G
ClientSampleId :
PB169604BSD



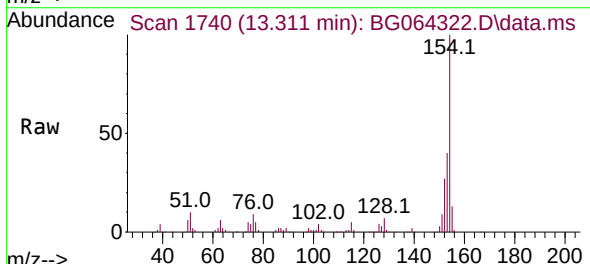
Tgt Ion:172 Resp: 402958
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 24.8 19.0 28.6

Manual Integrations
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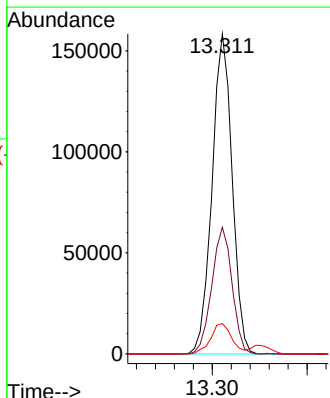
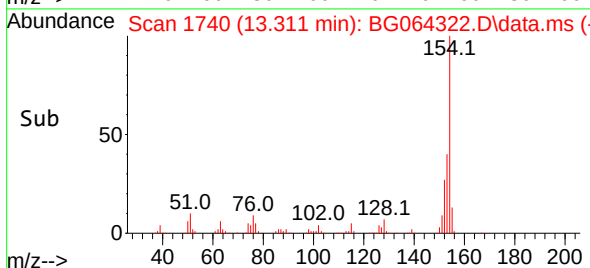
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

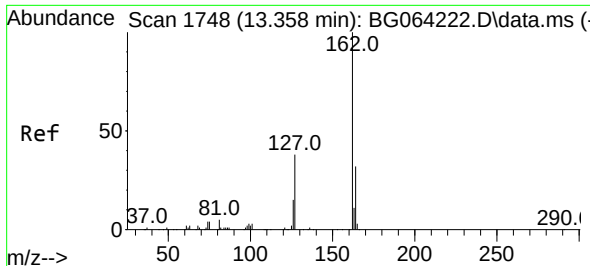


#46
1,1'-Biphenyl
Concen: 44.200 ng
RT: 13.311 min Scan# 1740
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40



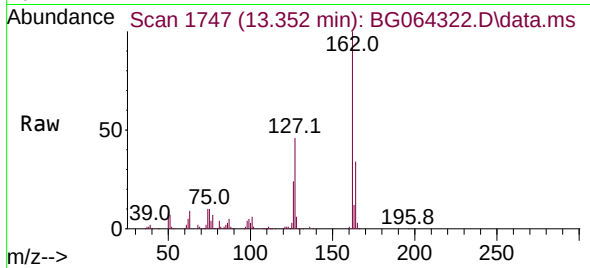
Tgt Ion:154 Resp: 232619
Ion Ratio Lower Upper
154 100
153 39.6 19.9 59.9
76 9.5 0.0 30.9





#47
2-Chloronaphthalene
Concen: 43.186 ng
RT: 13.352 min Scan# 1747
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

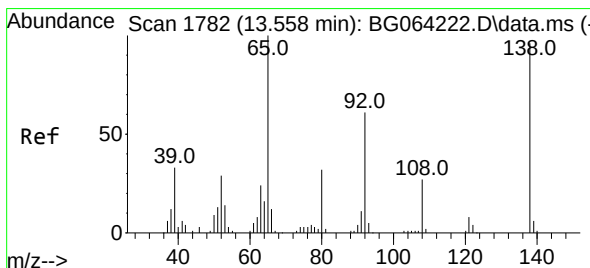
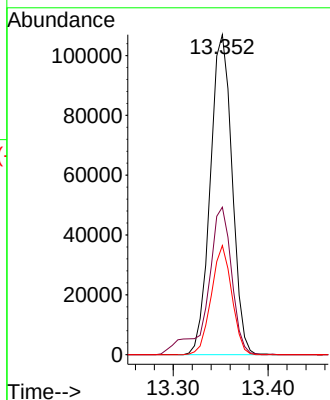
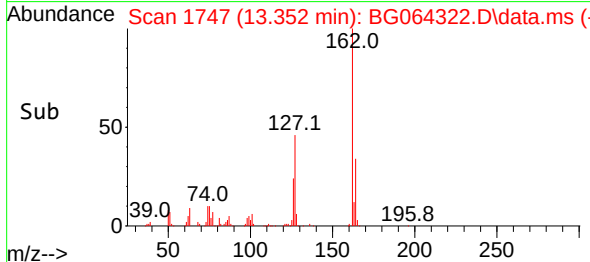
Instrument :
BNA_G
ClientSampleId :
PB169604BSD



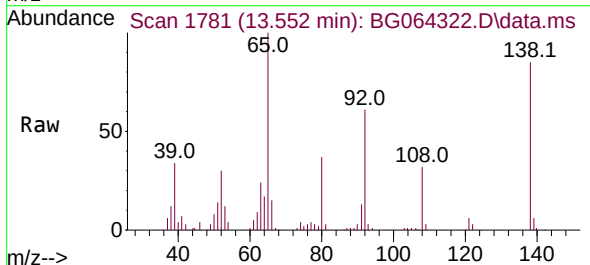
Tgt Ion:162 Resp: 170869
Ion Ratio Lower Upper
162 100
127 46.1 33.9 50.9
164 34.1 25.4 38.2

Manual Integrations
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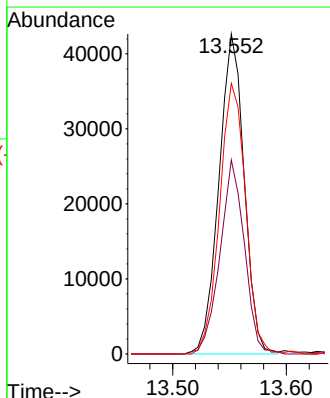
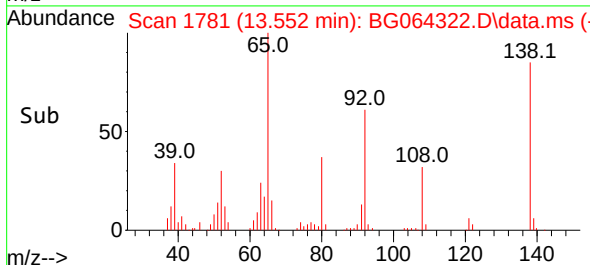
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

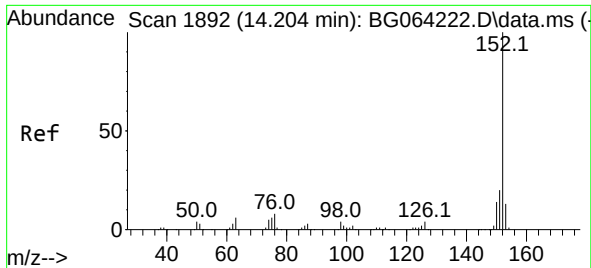


#48
2-Nitroaniline
Concen: 48.734 ng
RT: 13.552 min Scan# 1781
Delta R.T. -0.013 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40



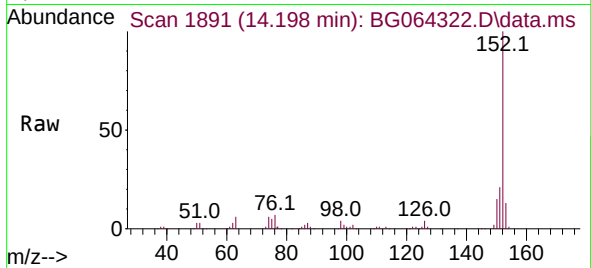
Tgt Ion: 65 Resp: 65720
Ion Ratio Lower Upper
65 100
92 60.6 49.2 73.8
138 84.5 76.8 115.2





#49
Acenaphthylene
Concen: 49.899 ng
RT: 14.198 min Scan# 1891
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

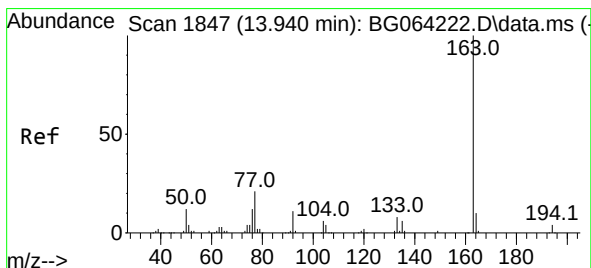
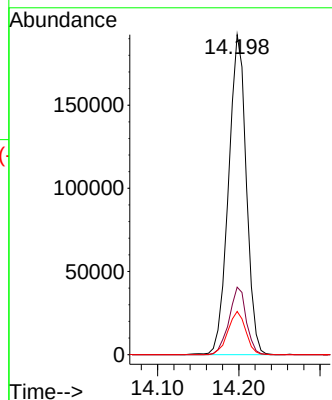
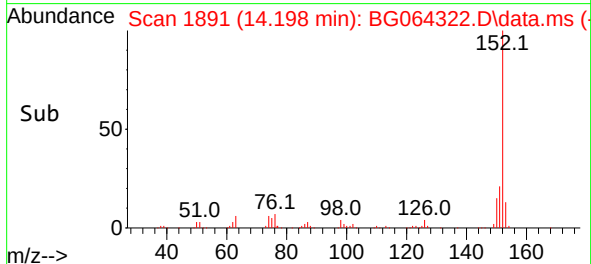
Instrument :
BNA_G
ClientSampleId :
PB169604BSD



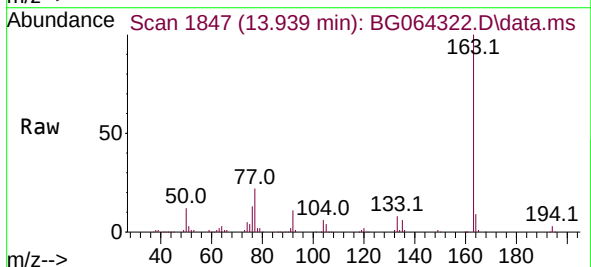
Tgt Ion:152 Resp: 291850
Ion Ratio Lower Upper
152 100
151 21.1 16.2 24.2
153 13.5 10.1 15.1

Manual Integrations
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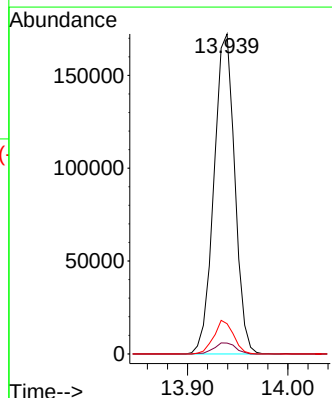
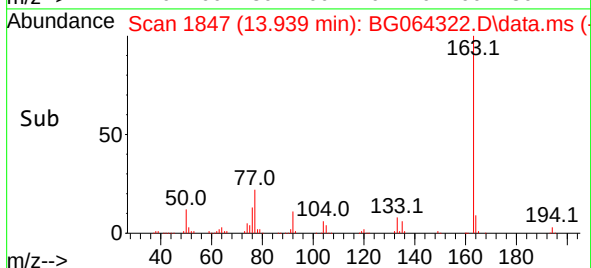
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

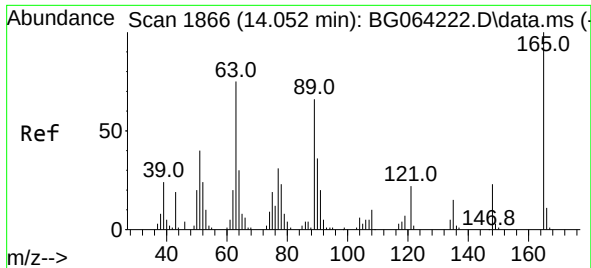


#50
Dimethylphthalate
Concen: 45.389 ng
RT: 13.939 min Scan# 1847
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40



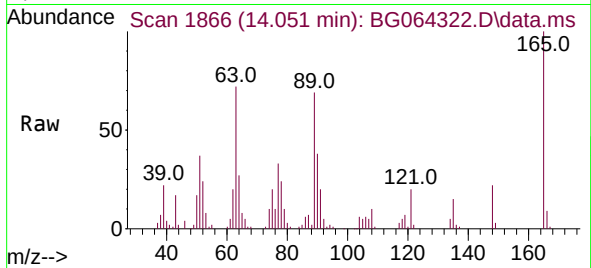
Tgt Ion:163 Resp: 248247
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 9.4 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 50.493 ng
RT: 14.051 min Scan# 1866
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

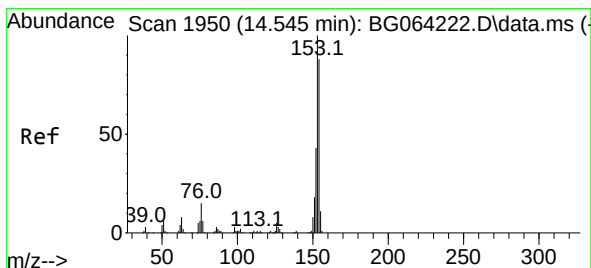
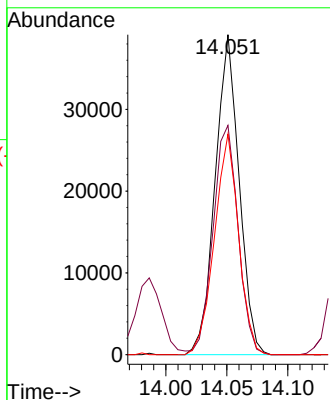
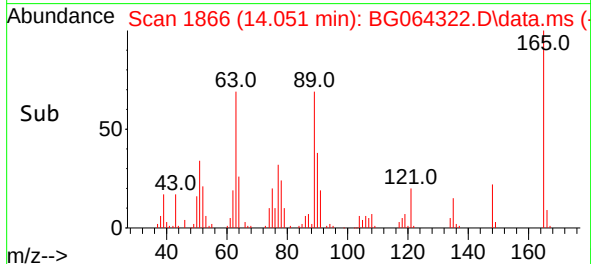
Instrument :
BNA_G
ClientSampleId :
PB169604BSD



Tgt Ion:165 Resp: 53463
Ion Ratio Lower Upper
165 100
63 71.6 60.3 90.5
89 68.9 52.9 79.3

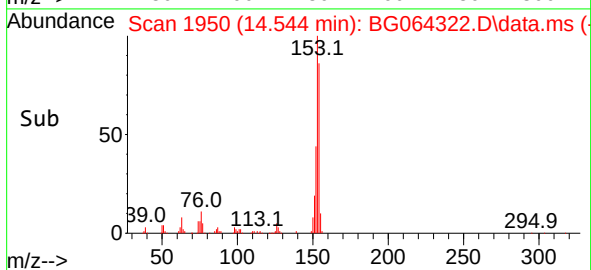
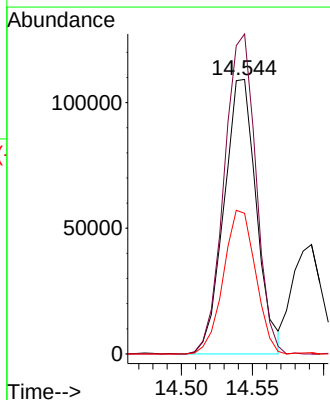
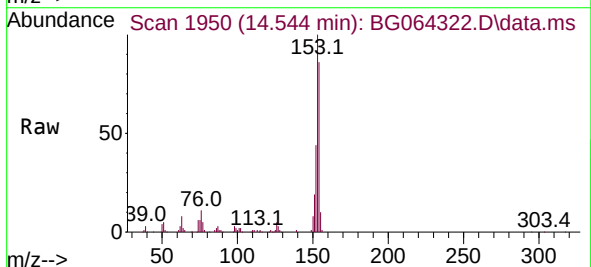
Manual Integrations
APPROVED

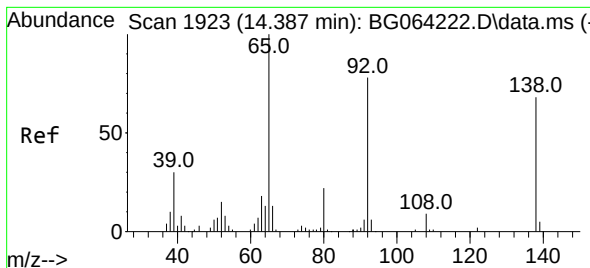
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#52
Acenaphthene
Concen: 41.927 ng
RT: 14.544 min Scan# 1950
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

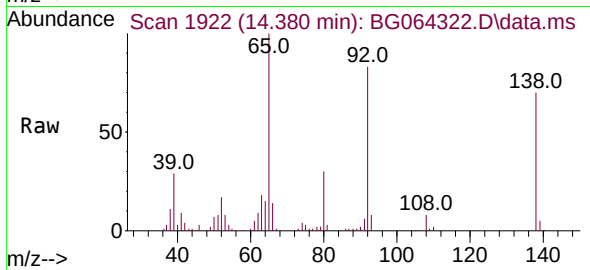
Tgt Ion:154 Resp: 173054
Ion Ratio Lower Upper
154 100
153 116.6 91.1 136.7
152 51.2 39.6 59.4





#53
3-Nitroaniline
Concen: 37.084 ng
RT: 14.380 min Scan# 1923
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

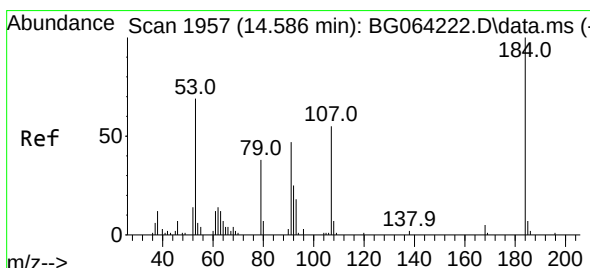
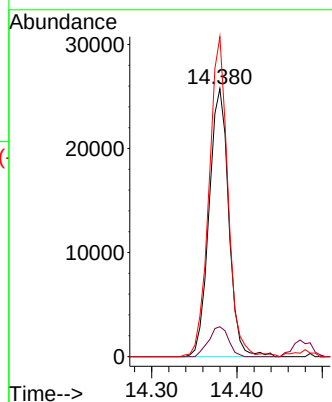
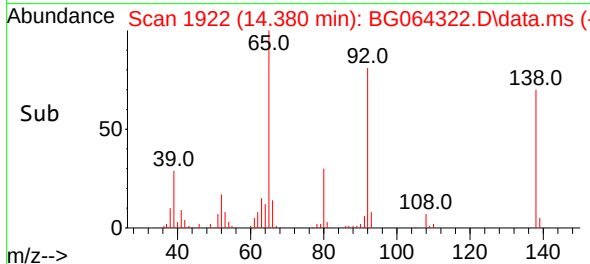
Instrument :
BNA_G
ClientSampleId :
PB169604BSD



Tgt Ion:138 Resp: 41130
Ion Ratio Lower Upper
138 100
108 11.2 11.0 16.6
92 119.4 91.4 137.0

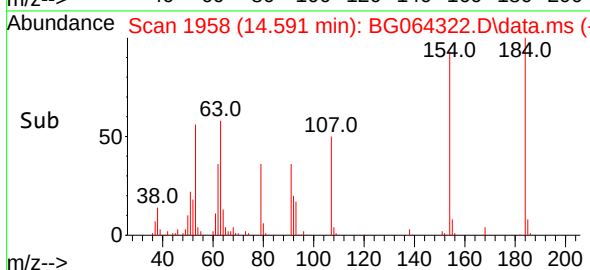
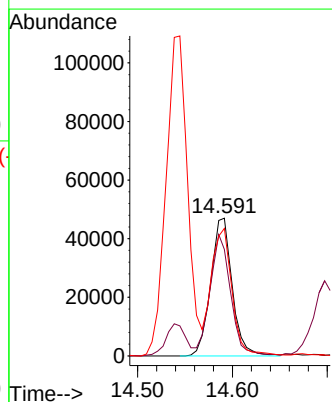
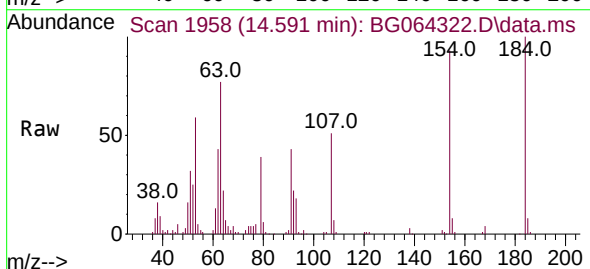
Manual Integrations
APPROVED

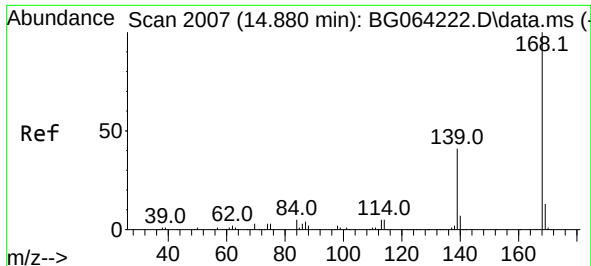
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#54
2,4-Dinitrophenol
Concen: 105.101 ng
RT: 14.591 min Scan# 1958
Delta R.T. -0.001 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

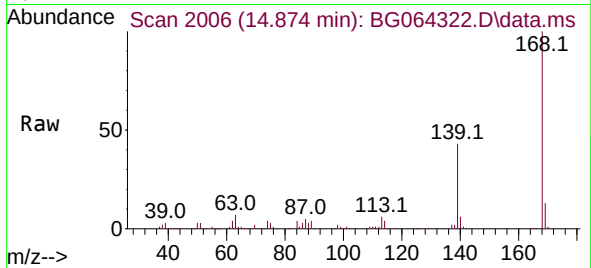
Tgt Ion:184 Resp: 74027
Ion Ratio Lower Upper
184 100
63 77.4 60.1 90.1
154 92.6 59.8 89.8#





#55
Dibenzofuran
Concen: 45.170 ng
RT: 14.874 min Scan# 2007
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

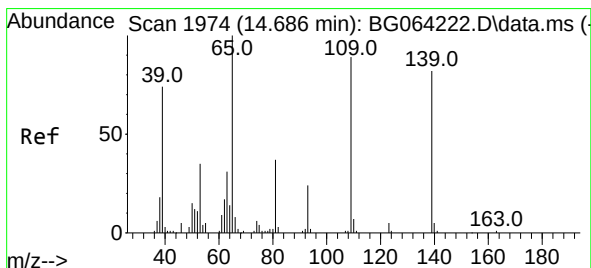
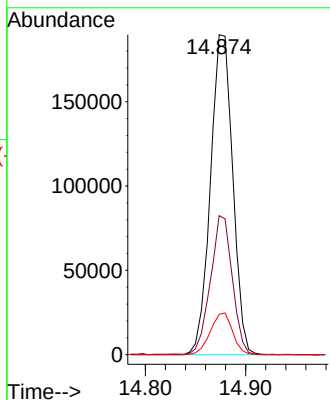
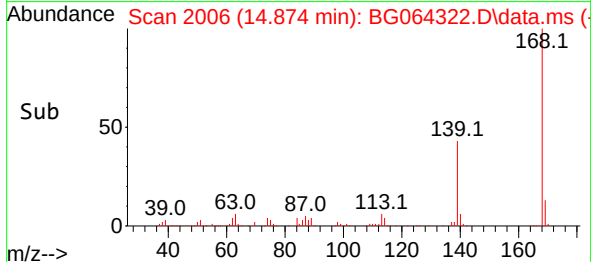
Instrument :
BNA_G
ClientSampleId :
PB169604BSD



Tgt Ion:168 Resp: 293253
Ion Ratio Lower Upper
168 100
139 43.4 33.2 49.8
169 12.6 10.4 15.6

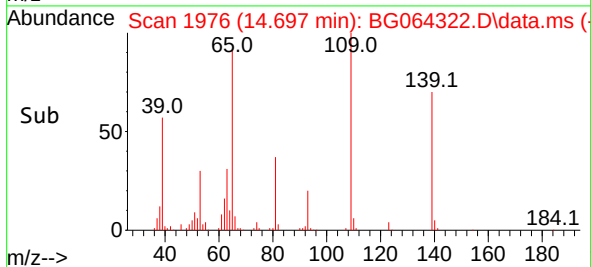
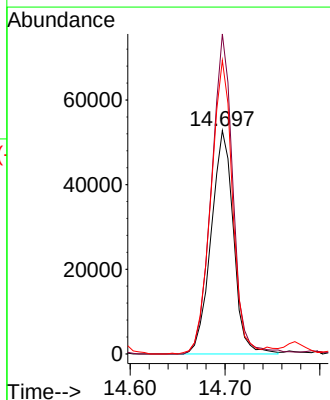
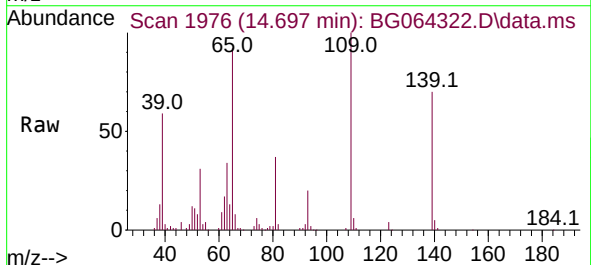
Manual Integrations
APPROVED

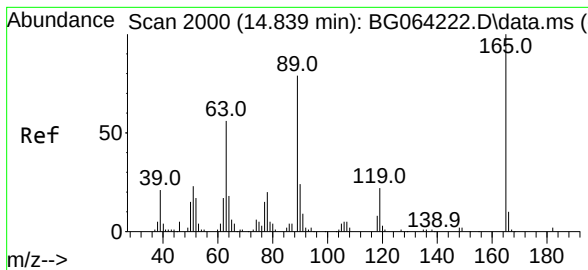
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#56
4-Nitrophenol
Concen: 94.585 ng
RT: 14.697 min Scan# 1976
Delta R.T. -0.001 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

Tgt Ion:139 Resp: 86054
Ion Ratio Lower Upper
139 100
109 143.4 89.1 129.1#
65 131.5 102.9 142.9





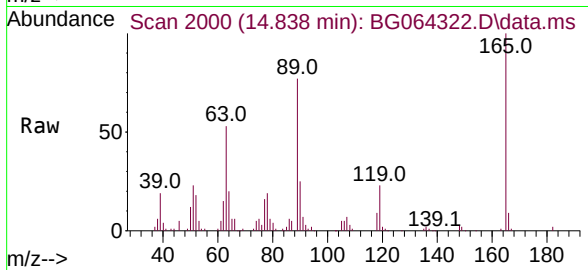
#57
2,4-Dinitrotoluene
Concen: 51.685 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

Instrument :

BNA_G

ClientSampleId :

PB169604BSD

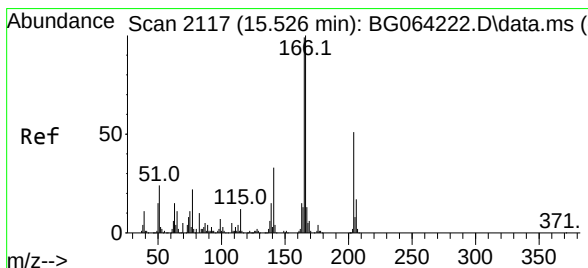
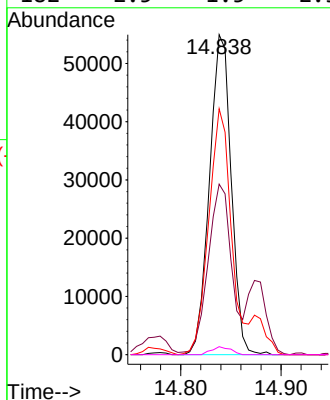
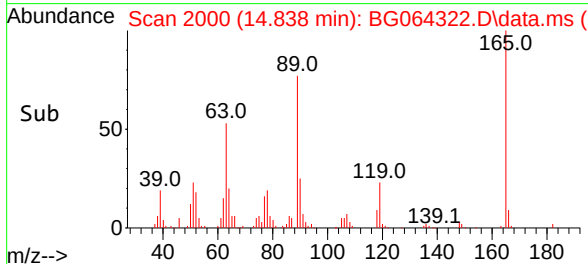


Tgt Ion:165 Resp: 82746
Ion Ratio Lower Upper
165 100
63 53.3 44.6 67.0
89 76.8 63.0 94.4
182 2.5 1.5 2.3#

Manual Integrations

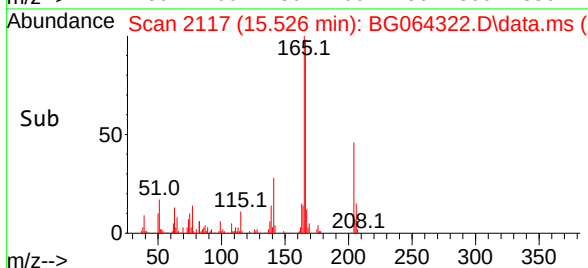
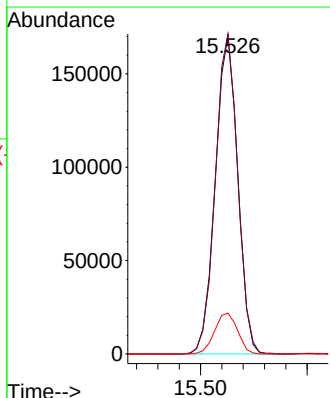
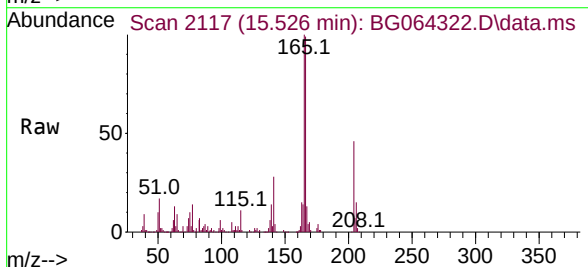
APPROVED

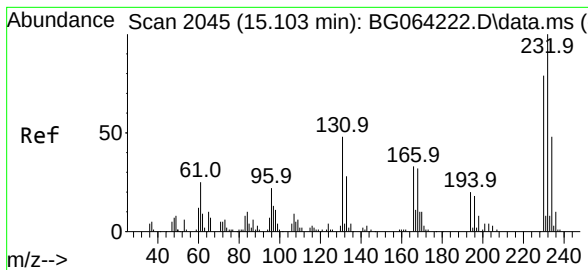
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#58
Fluorene
Concen: 46.798 ng
RT: 15.526 min Scan# 2117
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

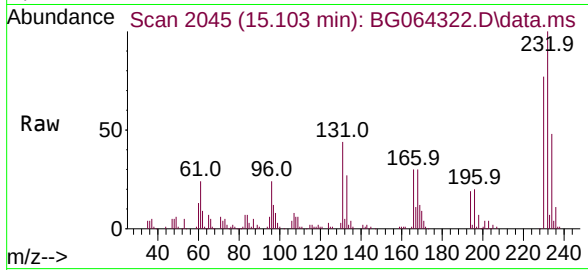
Tgt Ion:166 Resp: 249023
Ion Ratio Lower Upper
166 100
165 100.5 79.1 118.7
167 12.8 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.592 ng
RT: 15.103 min Scan# 2045
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

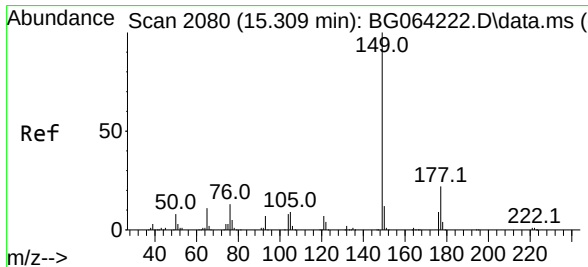
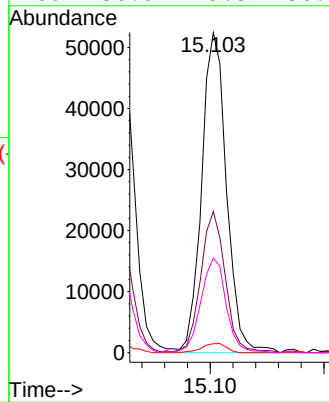
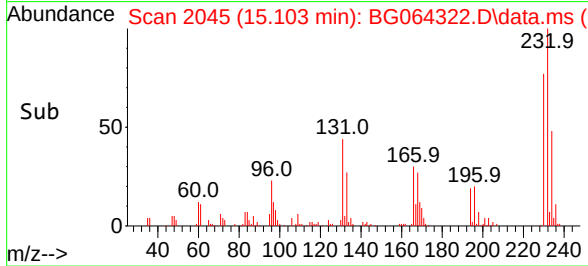
Instrument :
BNA_G
ClientSampleId :
PB169604BSD



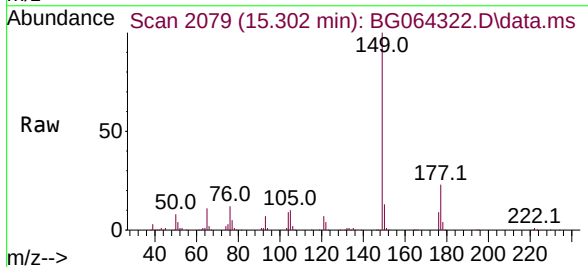
Tgt Ion:232 Resp: 79371
Ion Ratio Lower Upper
232 100
131 43.6 37.1 55.7
130 2.8 2.6 3.8
166 30.0 25.8 38.6

Manual Integrations
APPROVED

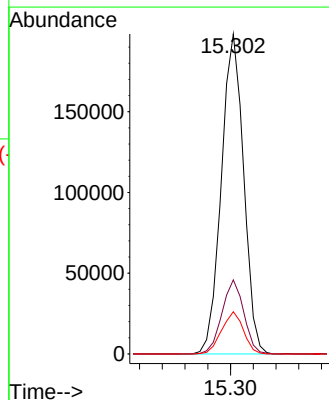
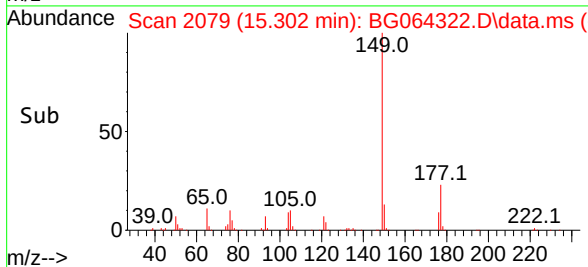
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

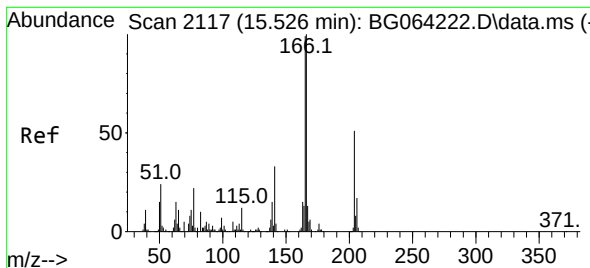


#60
Diethylphthalate
Concen: 46.099 ng
RT: 15.302 min Scan# 2079
Delta R.T. -0.013 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40



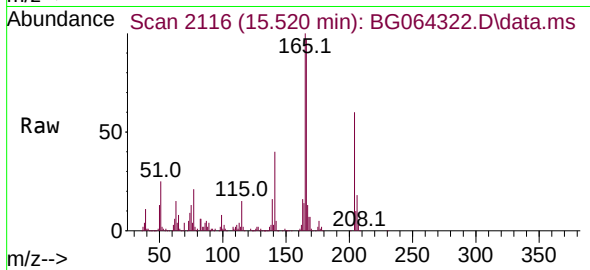
Tgt Ion:149 Resp: 269832
Ion Ratio Lower Upper
149 100
177 23.1 17.5 26.3
150 13.2 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 49.120 ng
RT: 15.520 min Scan# 2117
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

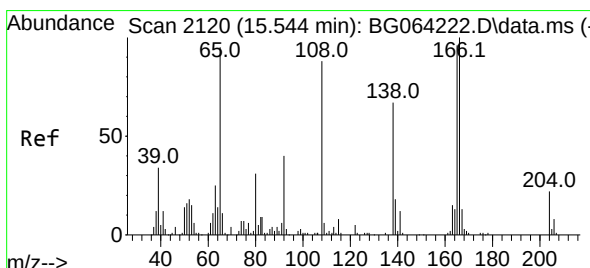
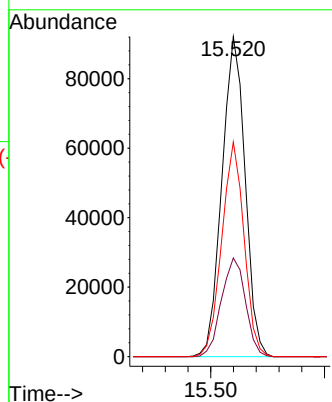
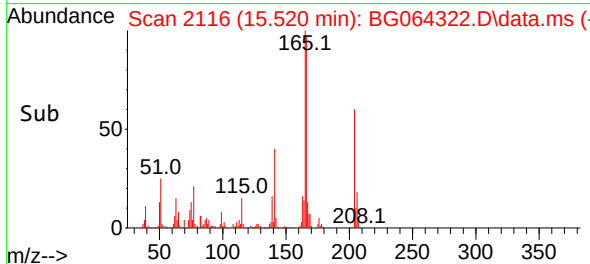
Instrument :
BNA_G
ClientSampleId :
PB169604BSD



Tgt Ion:204 Resp: 130320
Ion Ratio Lower Upper
204 100
206 30.8 26.2 39.4
141 67.1 51.9 77.9

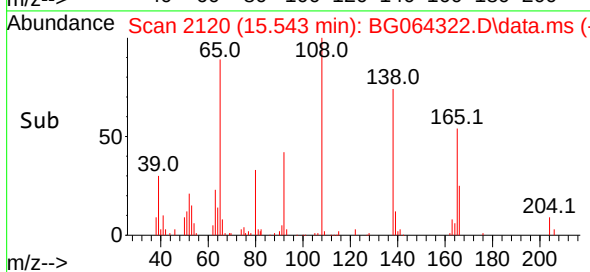
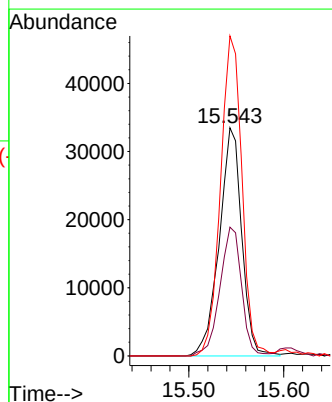
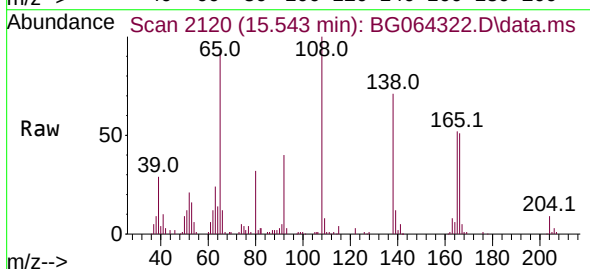
Manual Integrations
APPROVED

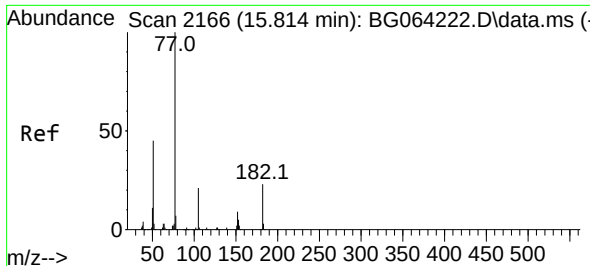
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#62
4-Nitroaniline
Concen: 48.718 ng
RT: 15.543 min Scan# 2120
Delta R.T. -0.013 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

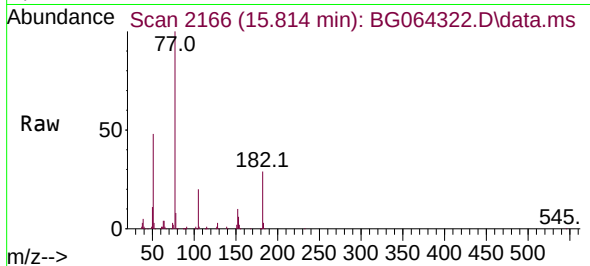
Tgt Ion:138 Resp: 55137
Ion Ratio Lower Upper
138 100
92 56.5 39.1 79.1
108 140.3 111.3 151.3





#63
Azobenzene
Concen: 44.092 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

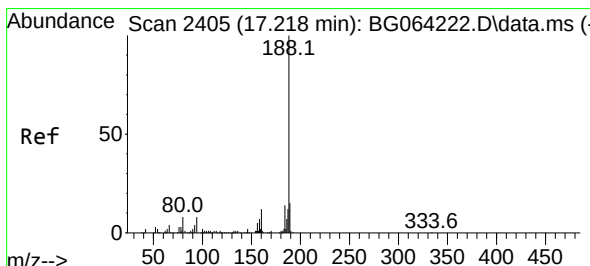
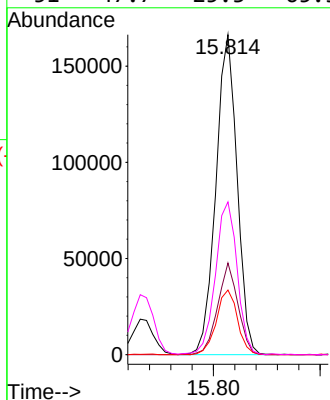
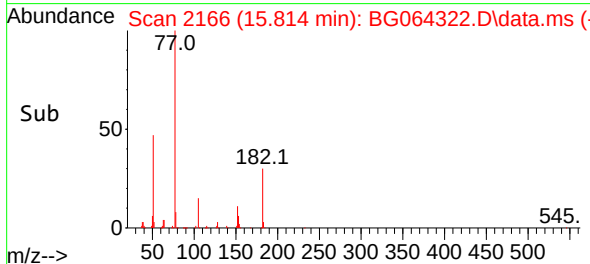
Instrument :
BNA_G
ClientSampleId :
PB169604BSD



Tgt Ion: 77 Resp: 230031
Ion Ratio Lower Upper
77 100
182 28.6 3.3 43.3
105 20.2 0.6 40.6
51 47.7 25.3 65.3

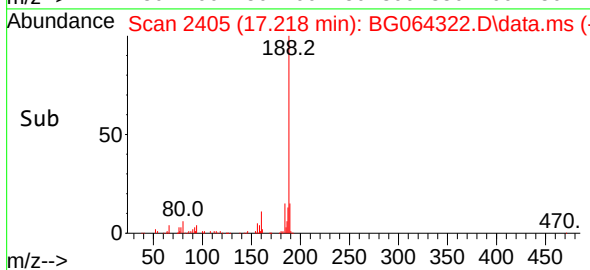
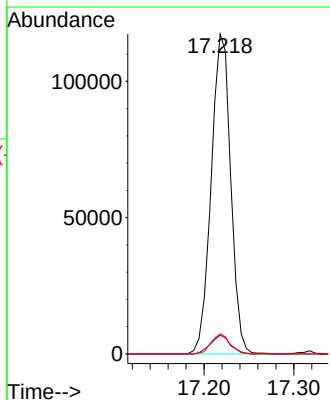
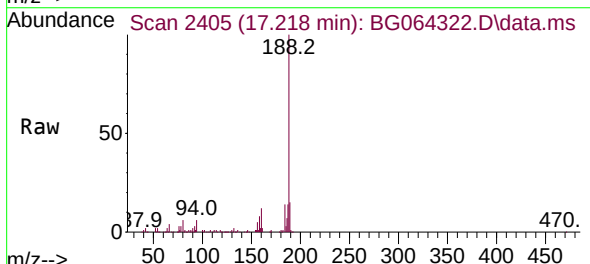
Manual Integrations
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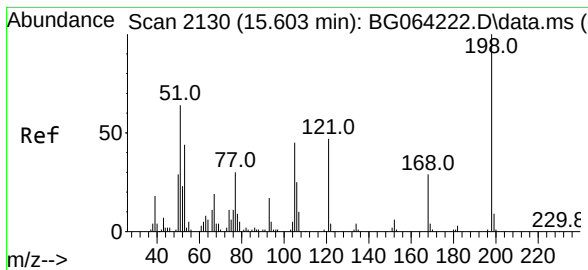
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.218 min Scan# 2405
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

Tgt Ion:188 Resp: 176640
Ion Ratio Lower Upper
188 100
94 5.8 6.2 9.4#
80 6.2 6.8 10.2#





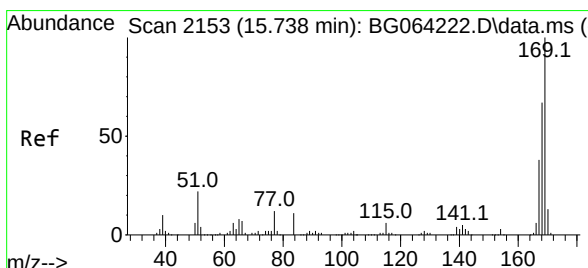
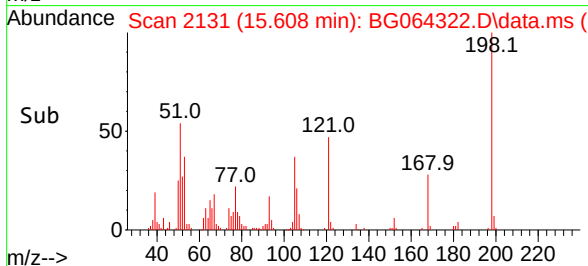
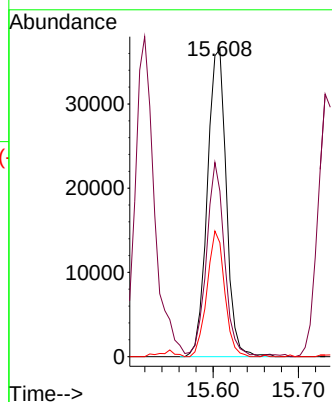
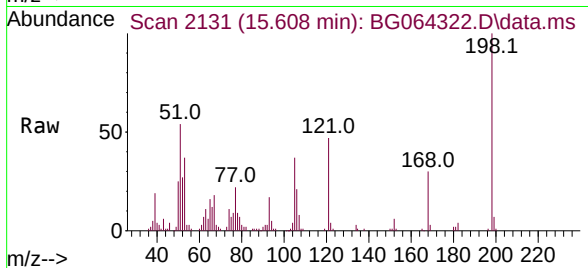
#65
4,6-Dinitro-2-methylphenol
Concen: 55.568 ng
RT: 15.608 min Scan# 2130
Delta R.T. -0.001 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

Instrument :
BNA_G
ClientSampleId :
PB169604BSD

Tgt Ion:198 Resp: 56354
Ion Ratio Lower Upper
198 100
51 53.9 46.2 86.2
105 37.1 25.0 65.0

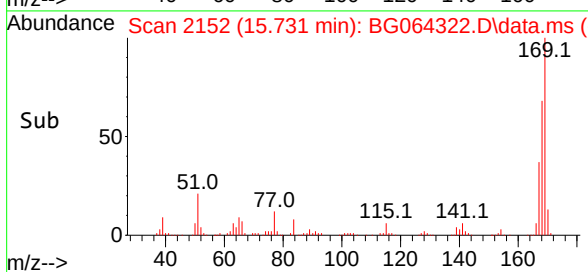
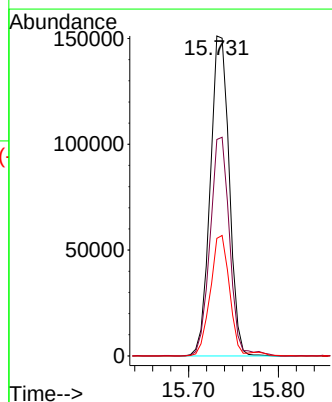
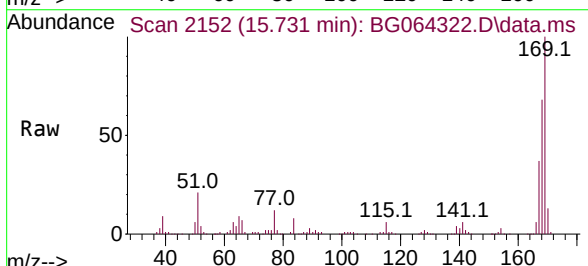
Manual Integrations
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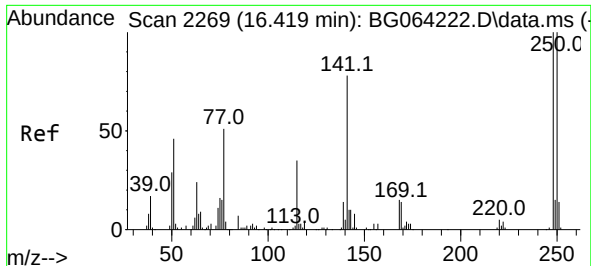
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#66
n-Nitrosodiphenylamine
Concen: 45.644 ng
RT: 15.731 min Scan# 2152
Delta R.T. -0.013 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

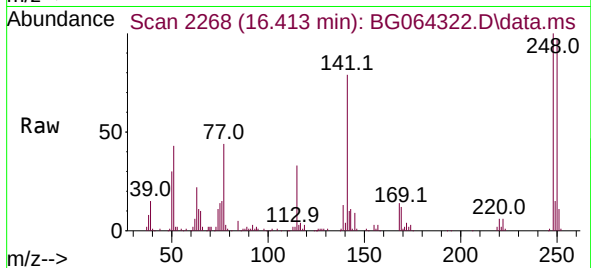
Tgt Ion:169 Resp: 221791
Ion Ratio Lower Upper
169 100
168 67.6 53.8 80.8
167 36.7 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 48.556 ng
RT: 16.413 min Scan# 2268
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

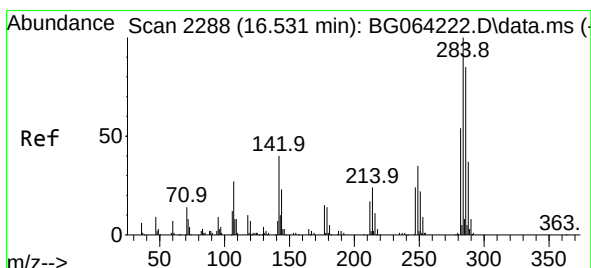
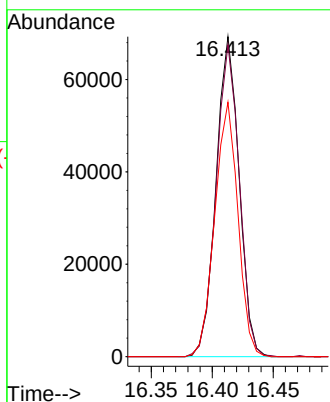
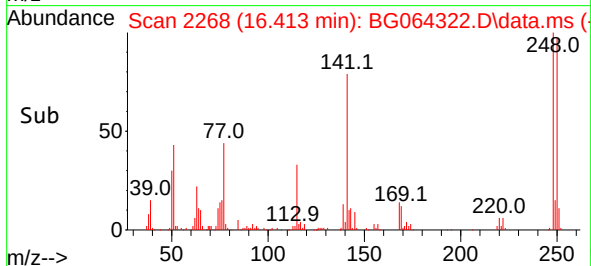
Instrument :
BNA_G
ClientSampleId :
PB169604BSD



Tgt Ion:248 Resp: 91098
Ion Ratio Lower Upper
248 100
250 97.4 80.2 120.4
141 79.5 62.4 93.6

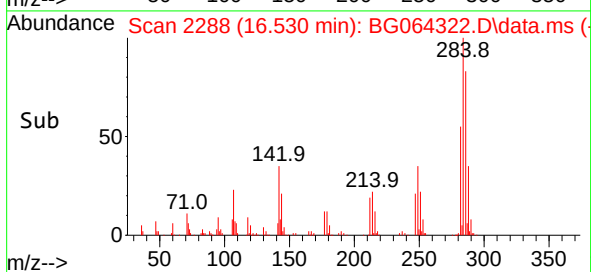
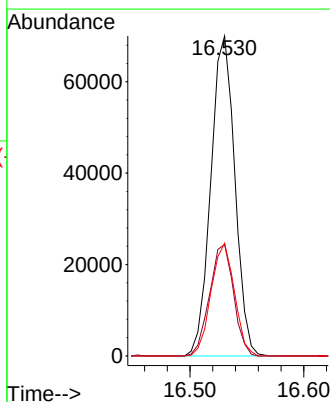
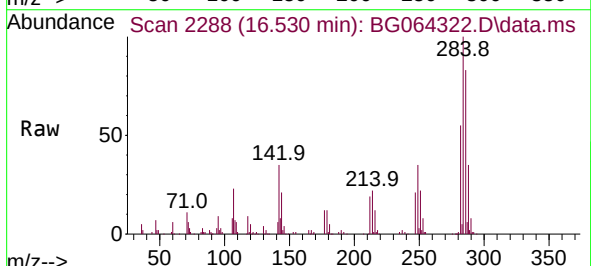
Manual Integrations
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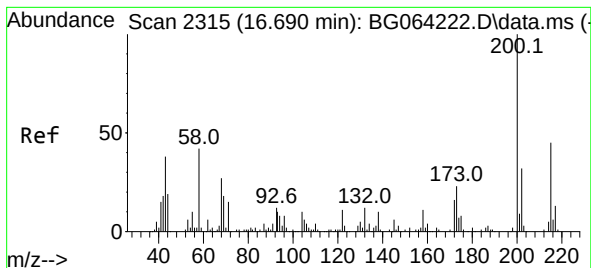
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#68
Hexachlorobenzene
Concen: 49.298 ng
RT: 16.530 min Scan# 2288
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

Tgt Ion:284 Resp: 102708
Ion Ratio Lower Upper
284 100
142 34.8 32.1 48.1
249 35.2 28.3 42.5





#69

Atrazine

Concen: 48.613 ng

RT: 16.689 min Scan# 2315

Delta R.T. -0.007 min

Lab File: BG064322.D

Acq: 9 Sep 2025 13:40

Instrument :

BNA_G

ClientSampleId :

PB169604BSD

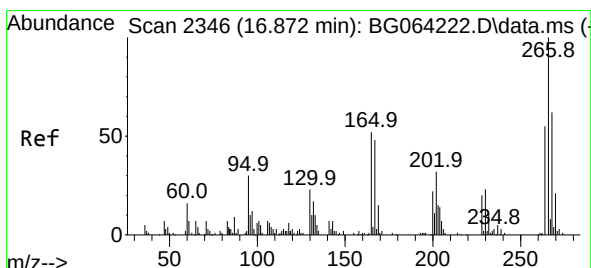
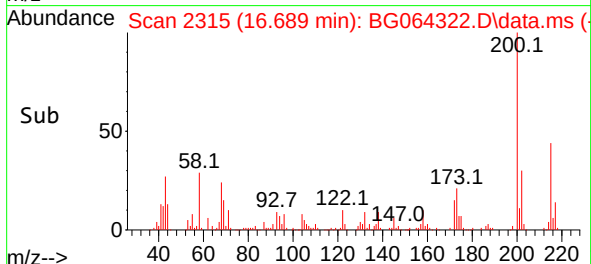
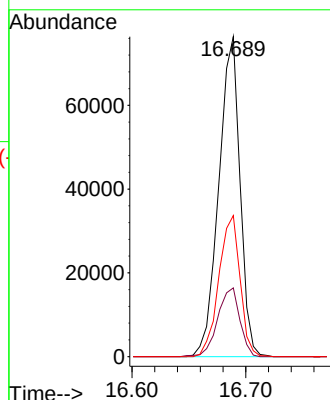
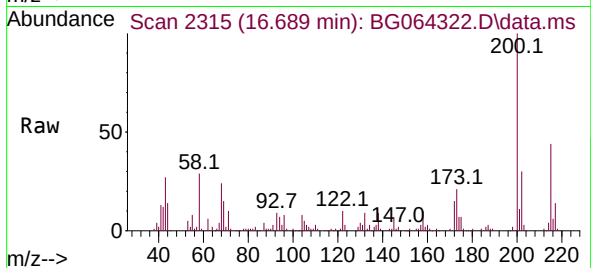
Tgt Ion:200 Resp: 98632
 Ion Ratio Lower Upper
 200 100
 173 21.5 3.5 43.5
 215 44.1 24.8 64.8

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#70

Pentachlorophenol

Concen: 106.124 ng

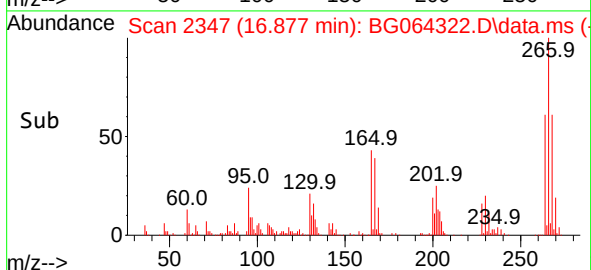
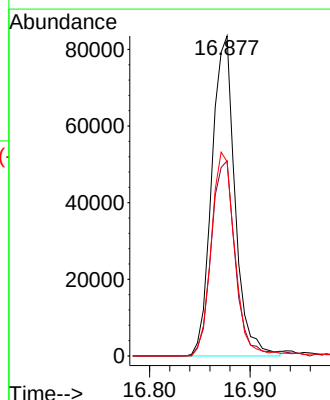
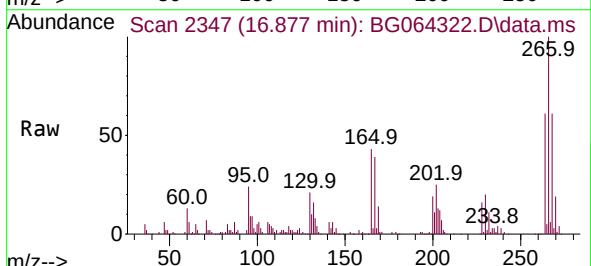
RT: 16.877 min Scan# 2347

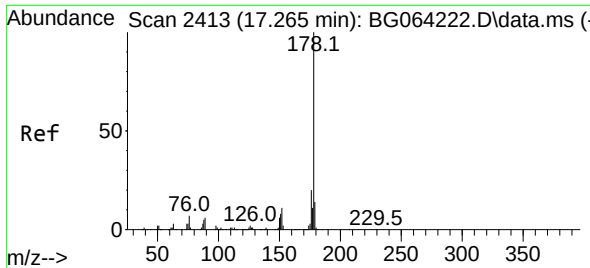
Delta R.T. -0.001 min

Lab File: BG064322.D

Acq: 9 Sep 2025 13:40

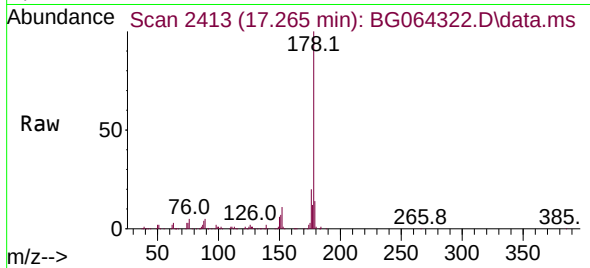
Tgt Ion:266 Resp: 134063
 Ion Ratio Lower Upper
 266 100
 268 60.9 49.4 74.0
 264 60.7 44.3 66.5





#71
Phenanthrene
Concen: 44.952 ng
RT: 17.265 min Scan# 2413
Delta R.T. -0.001 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

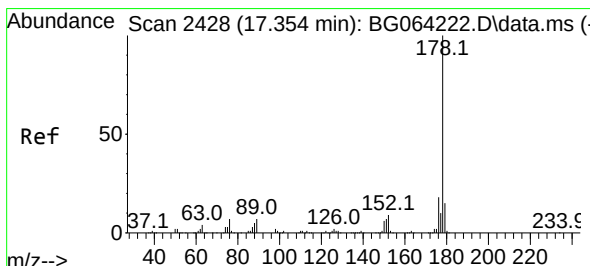
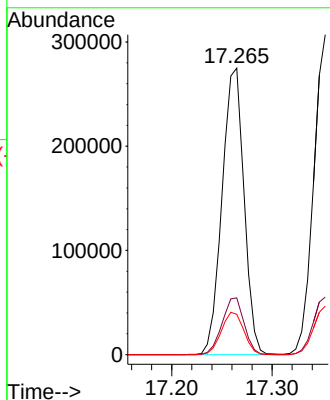
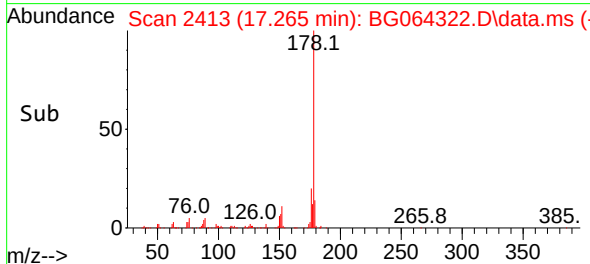
Instrument :
BNA_G
ClientSampleId :
PB169604BSD



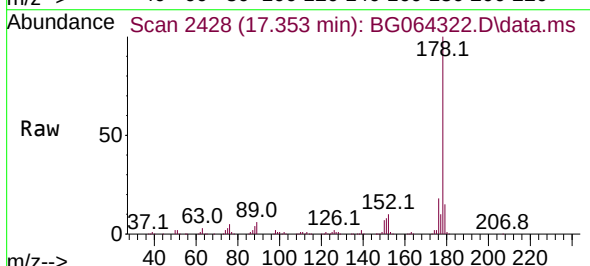
Tgt Ion:178 Resp: 418801
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 14.0 11.4 17.2

Manual Integrations
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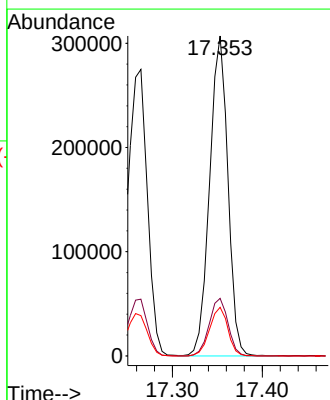
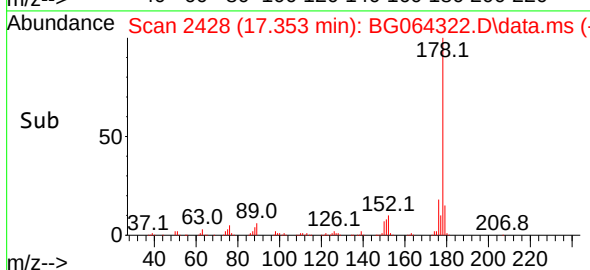
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

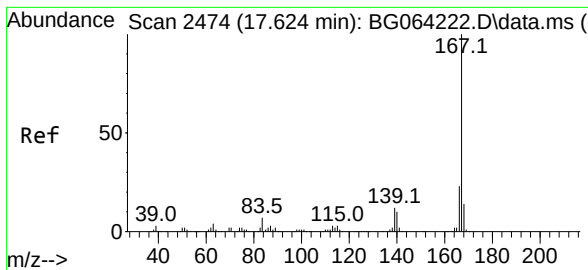


#72
Anthracene
Concen: 45.736 ng
RT: 17.353 min Scan# 2428
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40



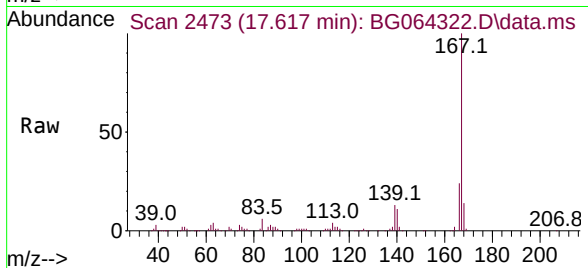
Tgt Ion:178 Resp: 433438
Ion Ratio Lower Upper
178 100
176 18.0 14.7 22.1
179 15.2 12.1 18.1





#73
 Carbazole
 Concen: 45.730 ng
 RT: 17.617 min Scan# 2473
 Delta R.T. -0.007 min
 Lab File: BG064322.D
 Acq: 9 Sep 2025 13:40

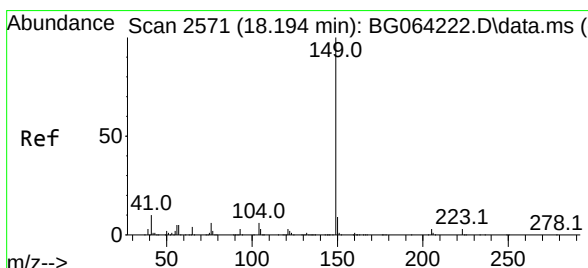
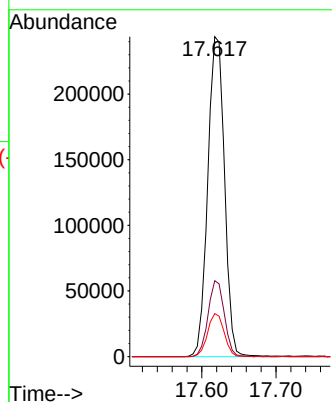
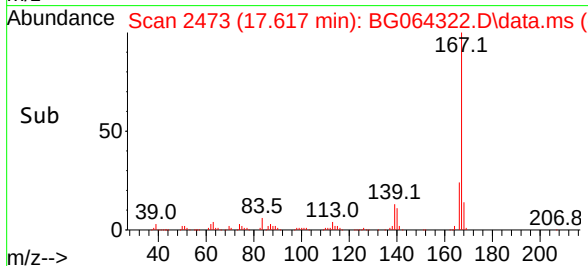
Instrument :
 BNA_G
 ClientSampleId :
 PB169604BSD



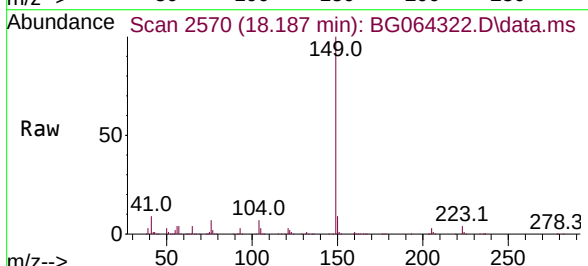
Tgt Ion:167 Resp: 381786
 Ion Ratio Lower Upper
 167 100
 166 23.7 18.2 27.2
 139 13.4 9.8 14.6

Manual Integrations
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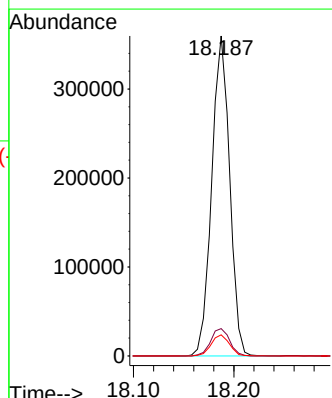
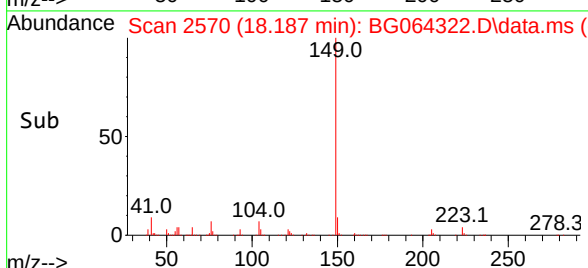
Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025

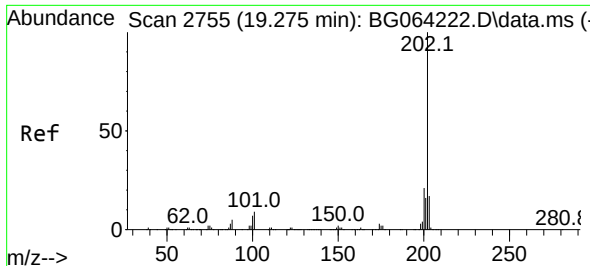


#74
 Di-n-butylphthalate
 Concen: 44.486 ng
 RT: 18.187 min Scan# 2570
 Delta R.T. -0.007 min
 Lab File: BG064322.D
 Acq: 9 Sep 2025 13:40



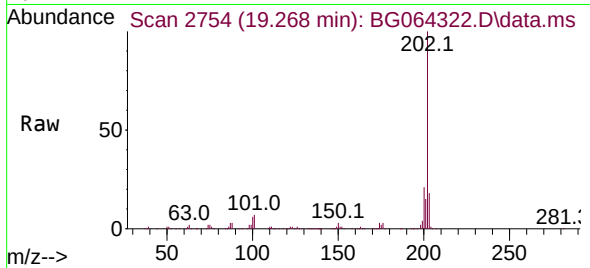
Tgt Ion:149 Resp: 446206
 Ion Ratio Lower Upper
 149 100
 150 8.5 7.5 11.3
 104 6.6 4.6 7.0





#75
Fluoranthene
Concen: 46.000 ng
RT: 19.268 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

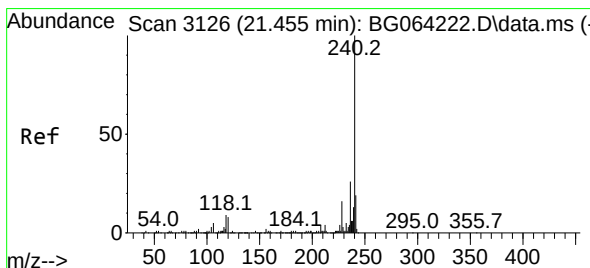
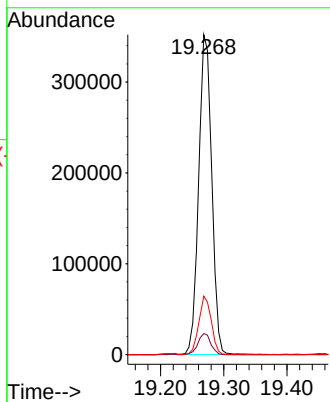
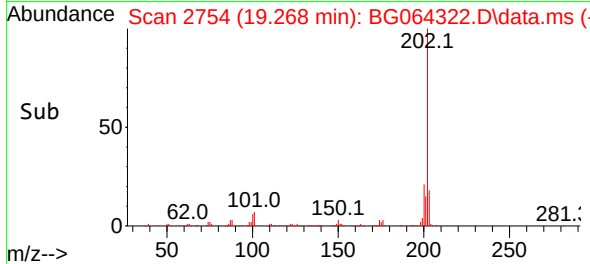
Instrument :
BNA_G
ClientSampleId :
PB169604BSD



Tgt Ion:202 Resp: 503912
Ion Ratio Lower Upper
202 100
101 6.6 0.0 28.7
203 18.3 0.0 36.9

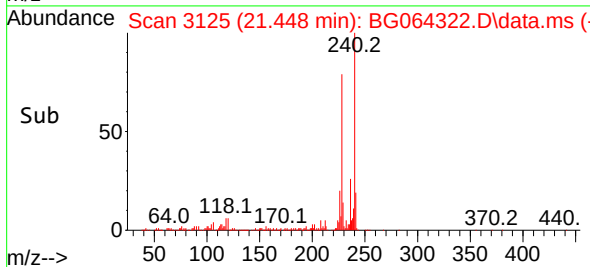
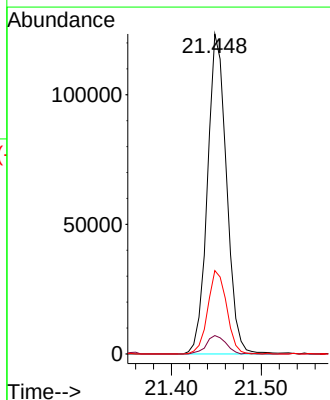
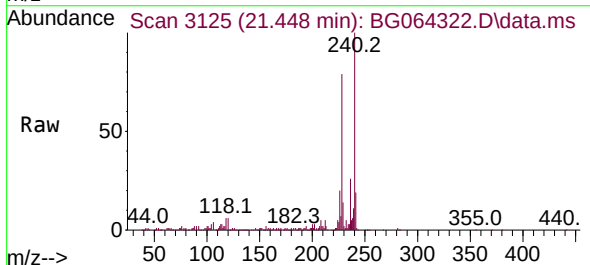
Manual Integrations
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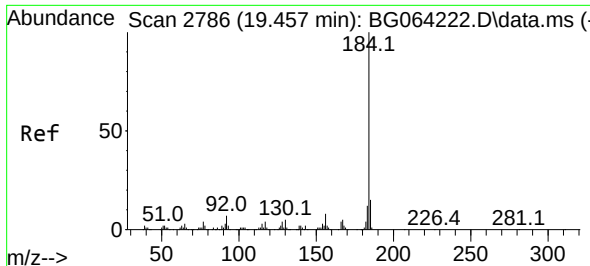
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

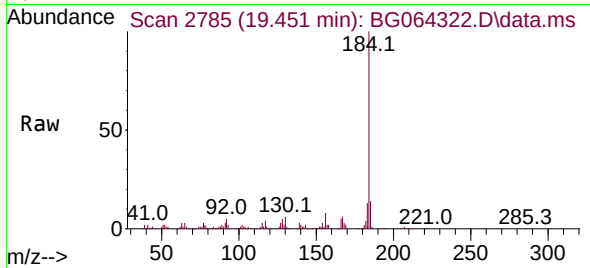
Tgt Ion:240 Resp: 183219
Ion Ratio Lower Upper
240 100
120 5.7 6.2 9.4#
236 26.0 20.5 30.7





#77
Benzidine
Concen: 41.250 ng
RT: 19.451 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

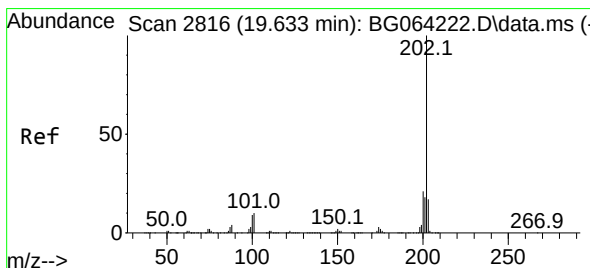
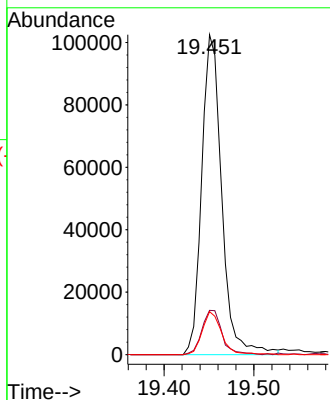
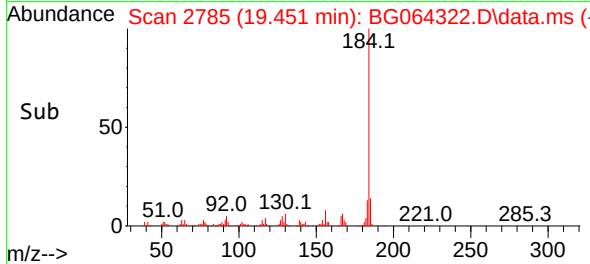
Instrument :
BNA_G
ClientSampleId :
PB169604BSD



Tgt Ion:184 Resp: 158989
Ion Ratio Lower Upper
184 100
185 13.8 11.7 17.5
183 13.4 9.7 14.5

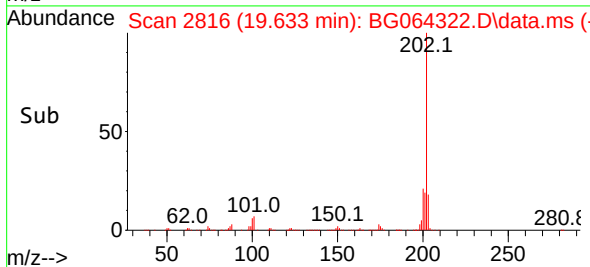
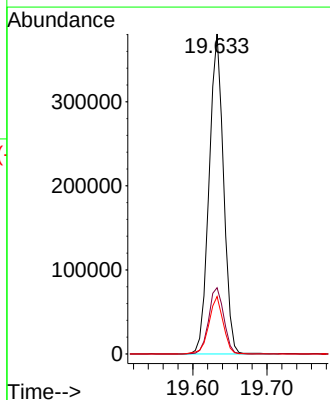
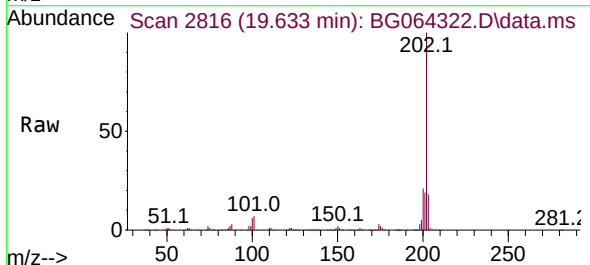
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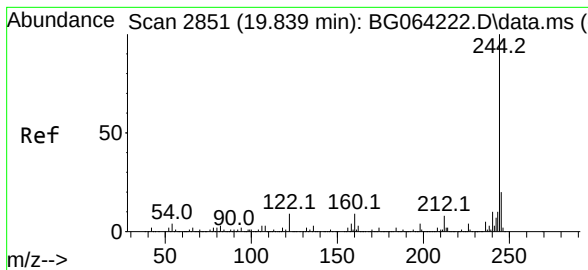
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#78
Pyrene
Concen: 44.511 ng
RT: 19.633 min Scan# 2816
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

Tgt Ion:202 Resp: 513788
Ion Ratio Lower Upper
202 100
200 20.7 16.9 25.3
203 17.9 13.8 20.8





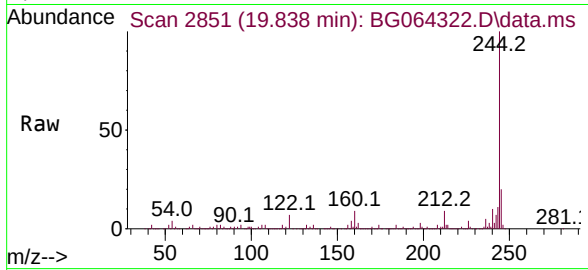
#79
 Terphenyl-d14
 Concen: 90.874 ng
 RT: 19.838 min Scan# 2851
 Delta R.T. -0.007 min
 Lab File: BG064322.D
 Acq: 9 Sep 2025 13:40

Instrument :

BNA_G

ClientSampleId :

PB169604BSD



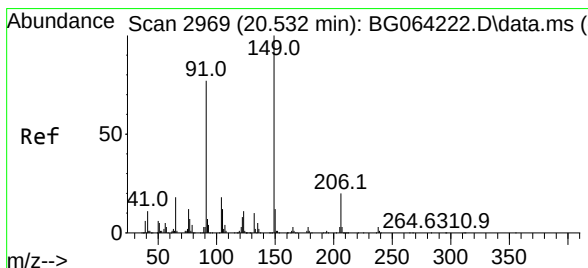
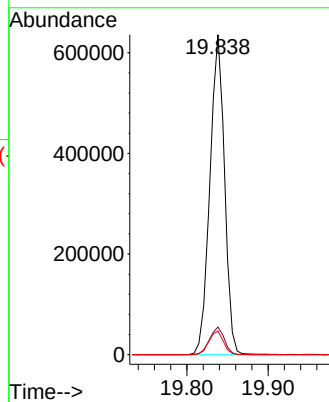
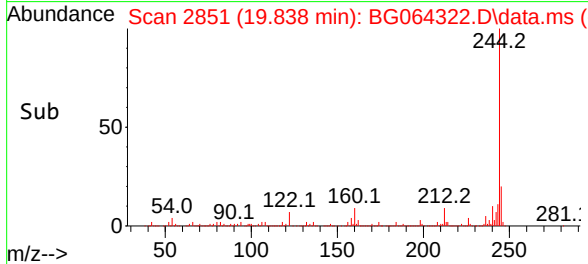
Tgt Ion:244 Resp: 798039
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.6 10.0
 122 7.4 7.0 10.6

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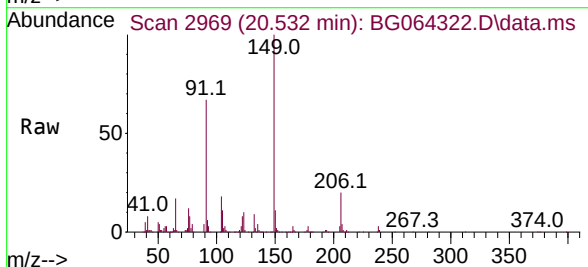
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Reviewed By :Rahul Chavli 09/10/2025

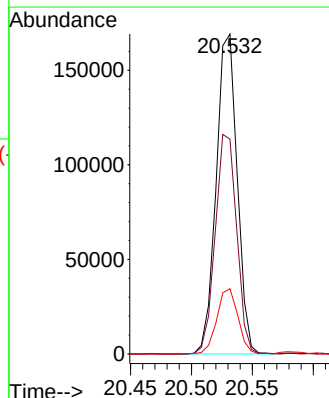
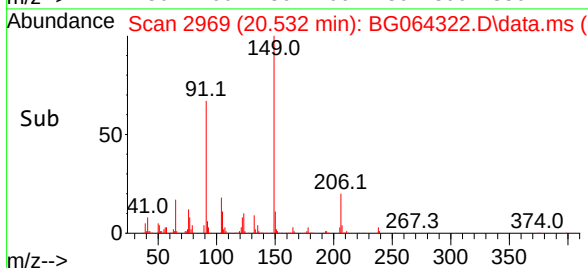
Supervised By :Jagrut Upadhyay 09/10/2025

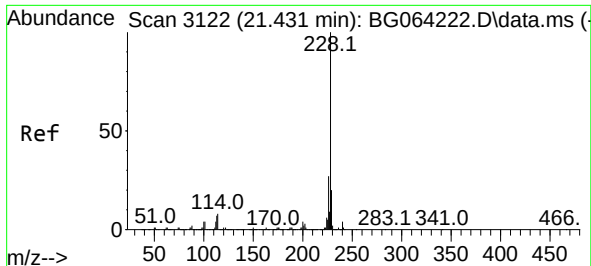


#80
 Butylbenzylphthalate
 Concen: 46.684 ng
 RT: 20.532 min Scan# 2969
 Delta R.T. -0.001 min
 Lab File: BG064322.D
 Acq: 9 Sep 2025 13:40



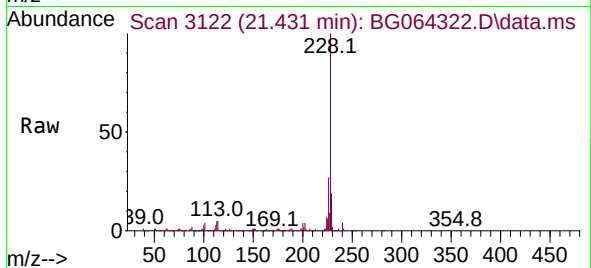
Tgt Ion:149 Resp: 203249
 Ion Ratio Lower Upper
 149 100
 91 67.1 61.4 92.0
 206 20.4 15.8 23.6





#81
Benzo(a)anthracene
Concen: 46.430 ng
RT: 21.431 min Scan# 3122
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

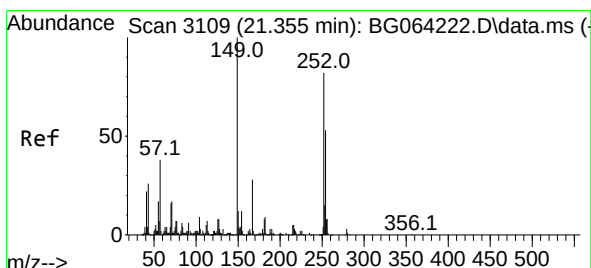
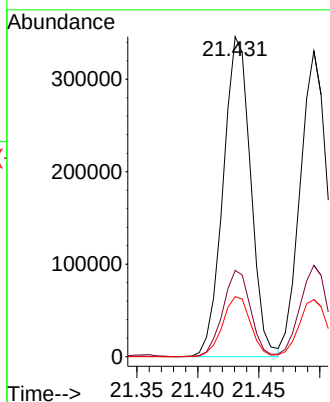
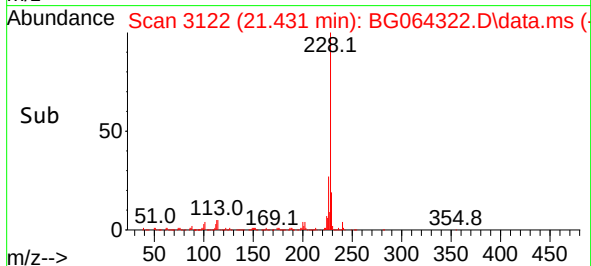
Instrument :
BNA_G
ClientSampleId :
PB169604BSD



Tgt Ion:228 Resp: 544236
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 18.7 15.9 23.9

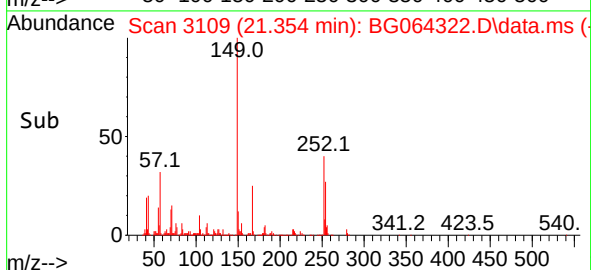
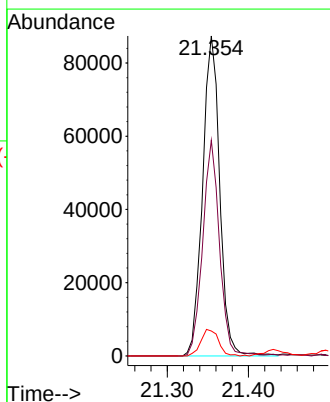
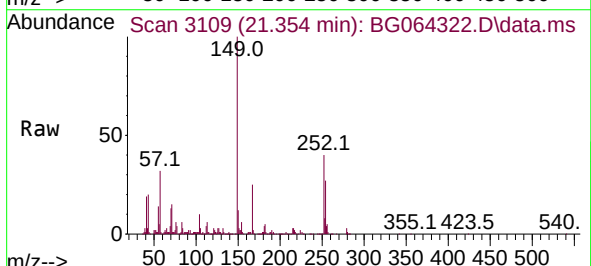
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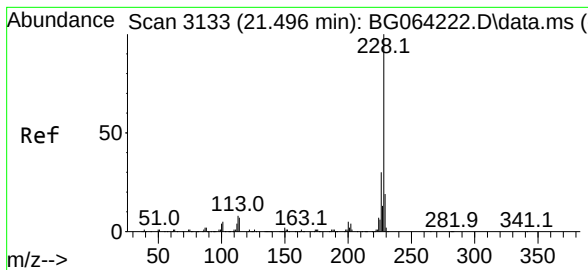
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#82
3,3'-Dichlorobenzidine
Concen: 33.613 ng
RT: 21.354 min Scan# 3109
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

Tgt Ion:252 Resp: 128318
Ion Ratio Lower Upper
252 100
254 67.4 51.9 77.9
126 7.8 7.6 11.4





#83

Chrysene

Concen: 44.878 ng

RT: 21.495 min Scan# 3110

Delta R.T. -0.007 min

Lab File: BG064322.D

Acq: 9 Sep 2025 13:40

Instrument :

BNA_G

ClientSampleId :

PB169604BSD

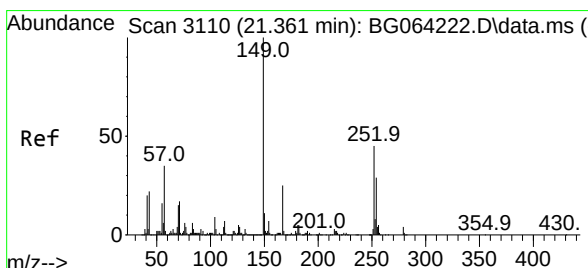
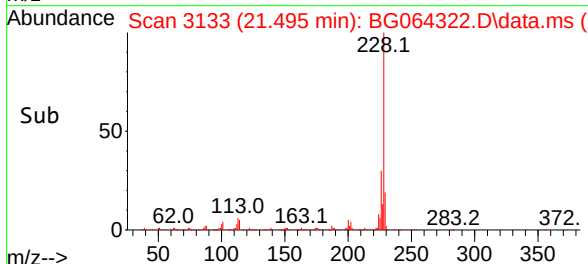
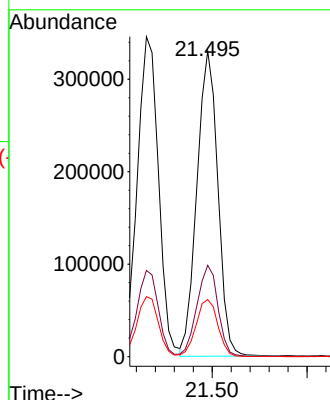
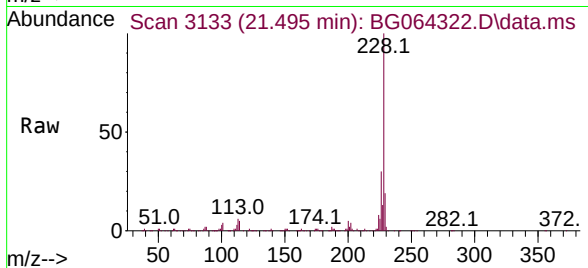
Tgt Ion:	228	Resp:	505020
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.2	36.2
229	18.7	15.4	23.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.413 ng

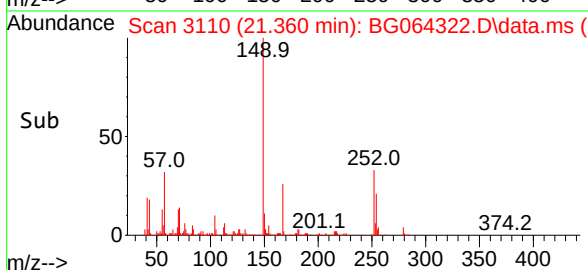
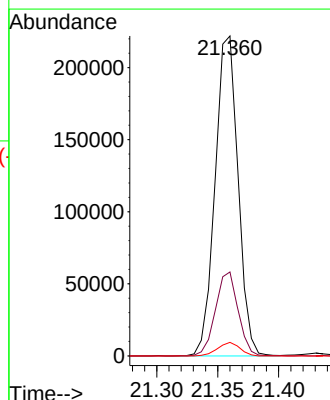
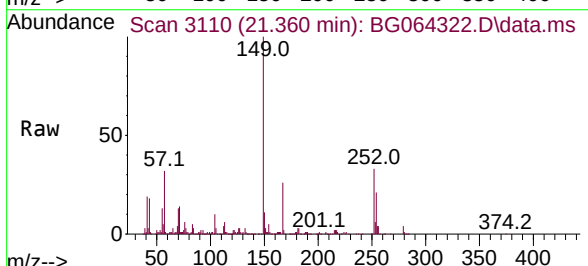
RT: 21.360 min Scan# 3110

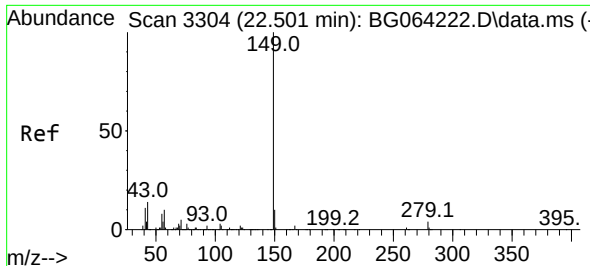
Delta R.T. -0.007 min

Lab File: BG064322.D

Acq: 9 Sep 2025 13:40

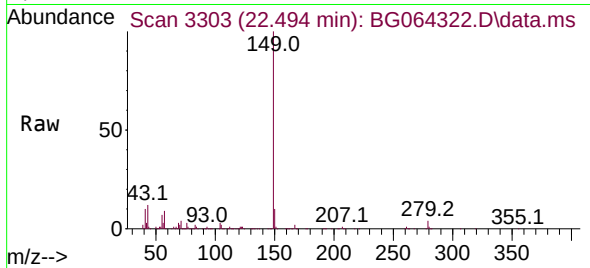
Tgt Ion:	149	Resp:	290304
Ion Ratio	Lower	Upper	
149	100		
167	26.2	20.0	30.0
279	4.2	3.0	4.4





#85
Di-n-octyl phthalate
Concen: 43.873 ng
RT: 22.494 min Scan# 3304
Delta R.T. -0.013 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

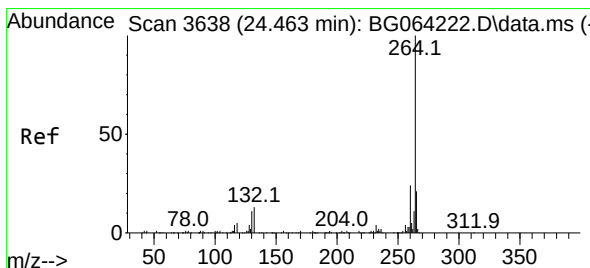
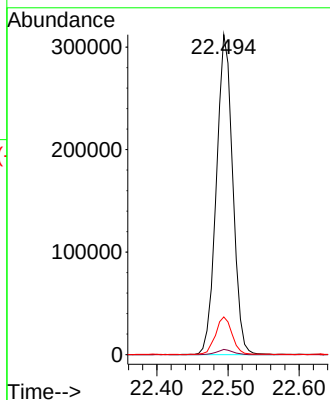
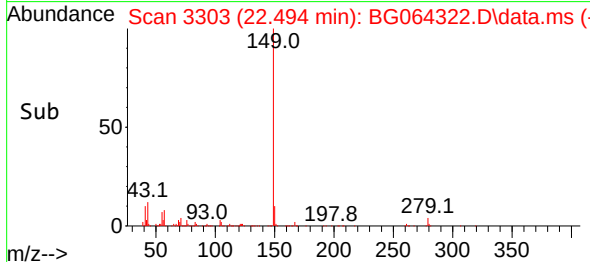
Instrument :
BNA_G
ClientSampleId :
PB169604BSD



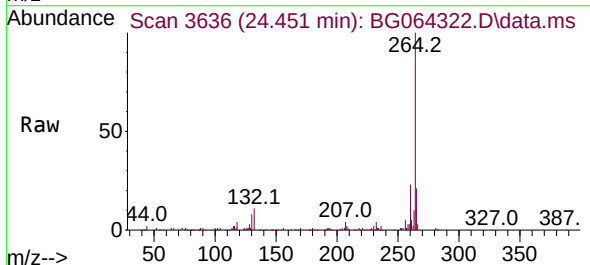
Tgt Ion:149 Resp: 499684
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.2 10.8 16.2

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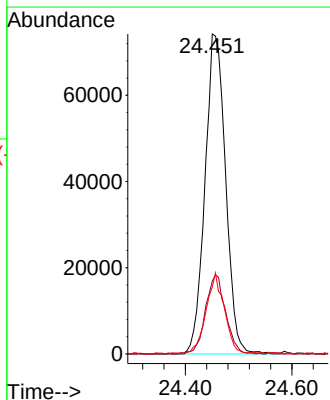
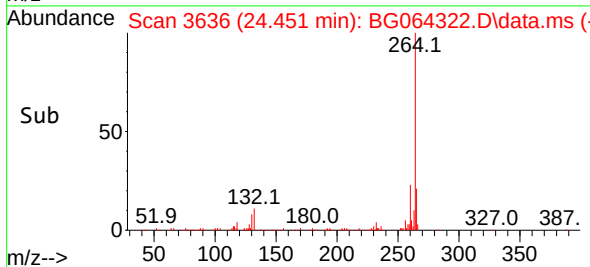
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

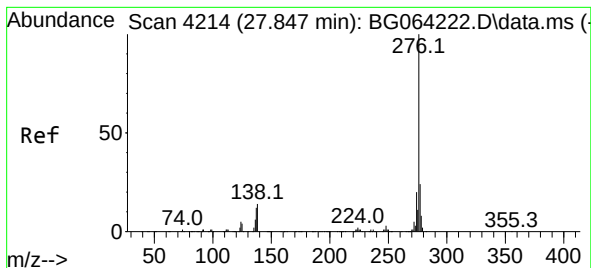


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.451 min Scan# 3636
Delta R.T. -0.013 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40



Tgt Ion:264 Resp: 199718
Ion Ratio Lower Upper
264 100
260 22.7 18.9 28.3
265 20.9 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.550 ng

RT: 27.852 min Scan# 4215

Delta R.T. -0.019 min

Lab File: BG064322.D

Acq: 9 Sep 2025 13:40

Instrument :

BNA_G

ClientSampleId :

PB169604BSD

Tgt Ion:276 Resp: 648539

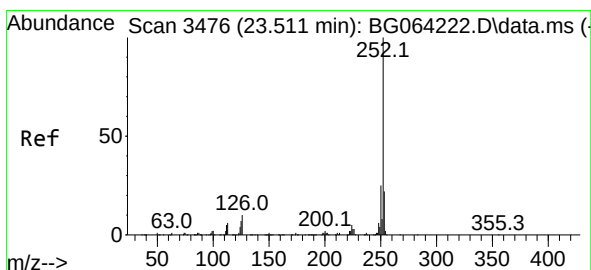
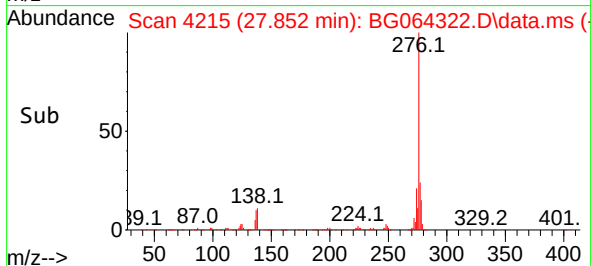
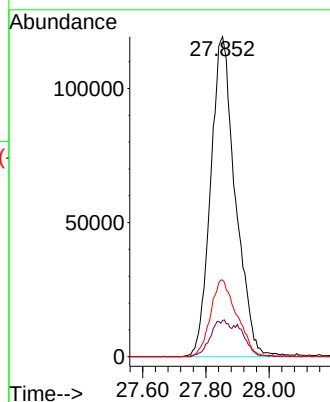
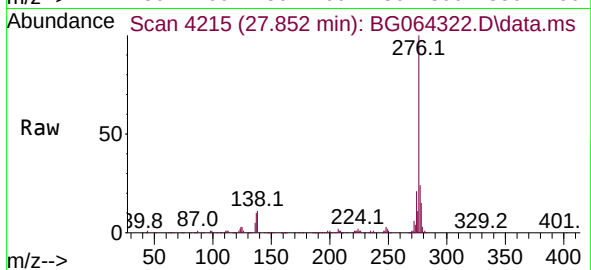
Ion	Ratio	Lower	Upper
276	100		
138	9.1	7.4	11.0
277	25.5	20.5	30.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#88

Benzo(b)fluoranthene

Concen: 46.786 ng

RT: 23.510 min Scan# 3476

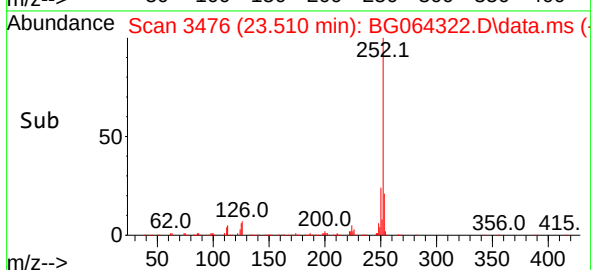
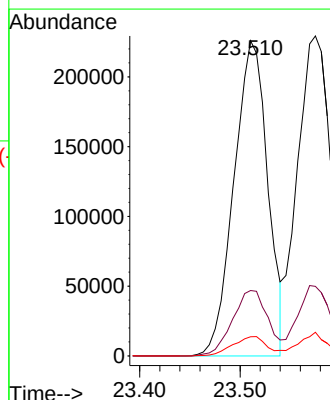
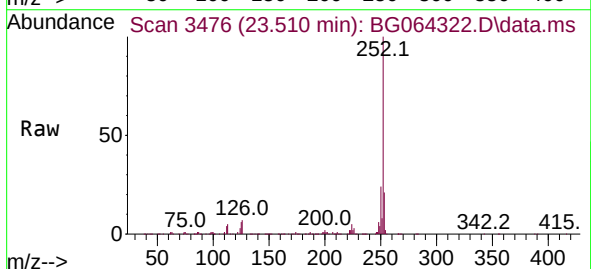
Delta R.T. -0.007 min

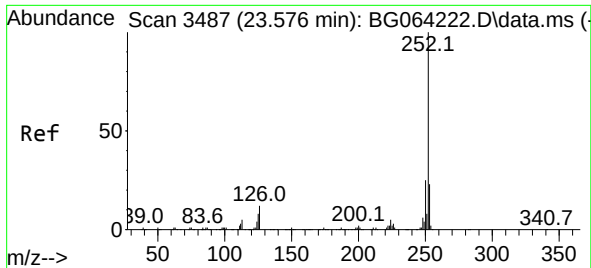
Lab File: BG064322.D

Acq: 9 Sep 2025 13:40

Tgt Ion:252 Resp: 527362

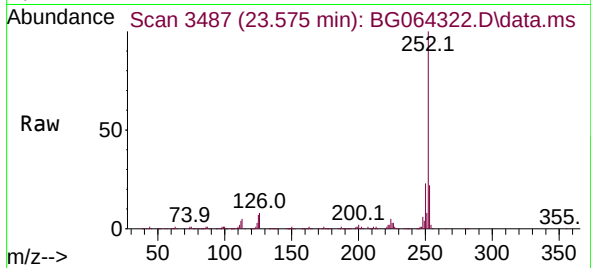
Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.5	26.3
125	6.0	5.9	8.9





#89
Benzo(k)fluoranthene
Concen: 46.897 ng
RT: 23.575 min Scan# 3487
Delta R.T. -0.013 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

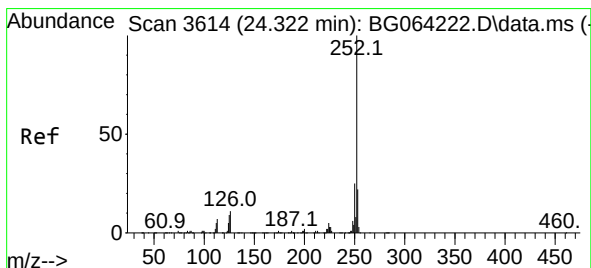
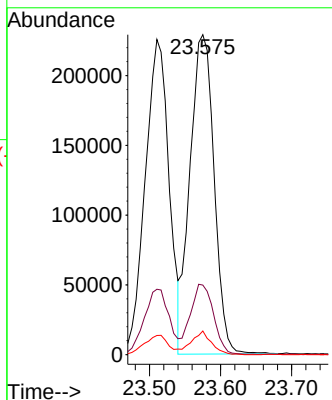
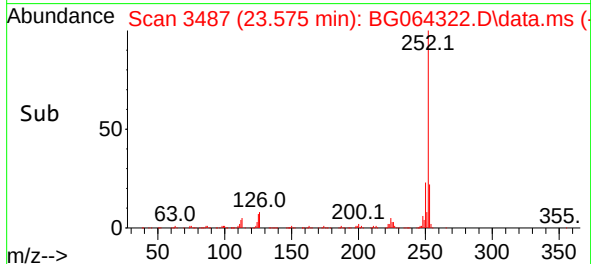
Instrument :
BNA_G
ClientSampleId :
PB169604BSD



Tgt Ion:252 Resp: 538536
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.4
125 7.4 7.0 10.4

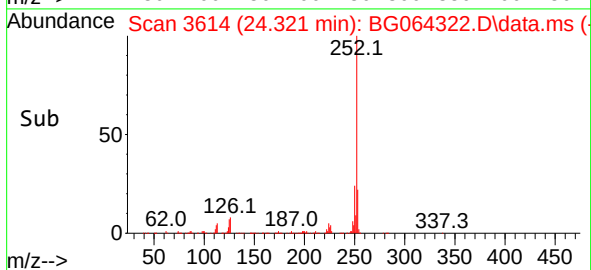
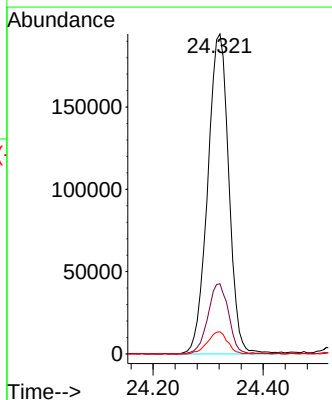
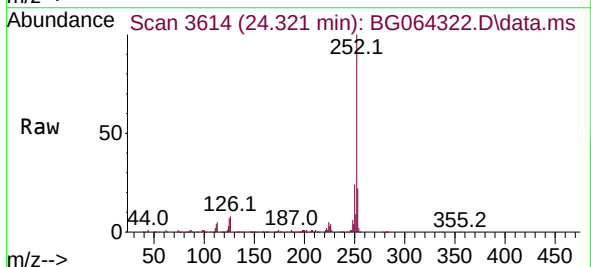
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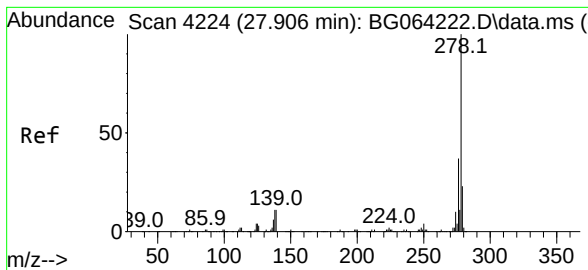
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#90
Benzo(a)pyrene
Concen: 49.329 ng
RT: 24.321 min Scan# 3614
Delta R.T. -0.007 min
Lab File: BG064322.D
Acq: 9 Sep 2025 13:40

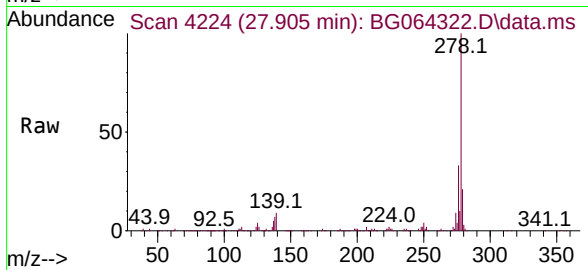
Tgt Ion:252 Resp: 517233
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 6.9 7.0 10.6





#91
 Dibenzo(a,h)anthracene
 Concen: 48.448 ng
 RT: 27.905 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: BG064322.D
 Acq: 9 Sep 2025 13:40

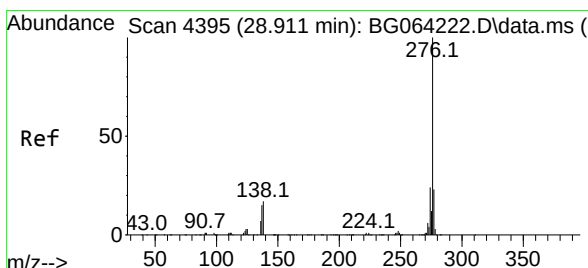
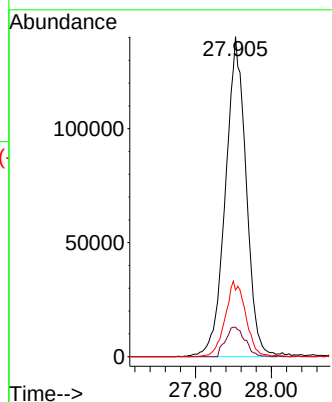
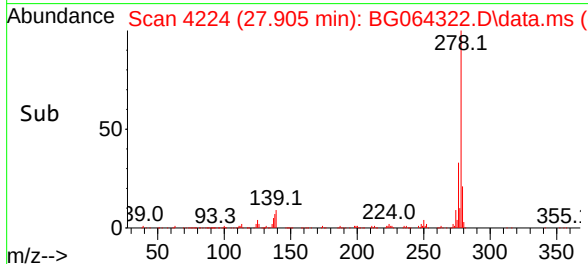
Instrument :
 BNA_G
 ClientSampleId :
 PB169604BSD



Tgt Ion:278 Resp: 53055
 Ion Ratio Lower Upper
 278 100
 139 9.2 9.0 13.4
 279 20.8 18.8 28.2

Manual Integrations
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Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025



#92
 Benzo(g,h,i)perylene
 Concen: 48.427 ng
 RT: 28.904 min Scan# 4394
 Delta R.T. -0.030 min
 Lab File: BG064322.D
 Acq: 9 Sep 2025 13:40

Tgt Ion:276 Resp: 516034
 Ion Ratio Lower Upper
 276 100
 277 22.2 18.2 27.4
 138 12.1 13.3 19.9#

