

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111725\
 Data File : BG064797.D
 Acq On : 17 Nov 2025 23:31
 Operator : RC/JU
 Sample : Q3649-08MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B3-0.0-0.5-20251114MSD

Quant Time: Nov 18 00:25:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay

11/18/2025
 Supervised By :Sohil
 Jodhani

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	39734	20.000	ng	0.00
21) Naphthalene-d8	10.978	136	157606	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	130879	20.000	ng	0.00
64) Phenanthrene-d10	17.500	188	316710	20.000	ng	0.00
76) Chrysene-d12	21.754	240	371983	20.000	ng	0.00
86) Perylene-d12	25.009	264	376972	20.000	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	242473	106.561	ng	0.00
7) Phenol-d6	7.312	99	335412	110.828	ng	0.00
23) Nitrobenzene-d5	9.327	82	219027	68.711	ng	0.00
42) 2,4,6-Tribromophenol	16.248	330	264438	103.598	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	601736	64.153	ng	0.00
79) Terphenyl-d14	20.091	244	1364576	72.160	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.528	88	32904	37.353	ng 93
3) Pyridine	3.933	79	93203	35.510	ng 97
4) n-Nitrosodimethylamine	3.845	42	55812	41.779	ng 82
6) Aniline	7.476	93	92542	22.941	ng 99
8) 2-Chlorophenol	7.723	128	116122	46.477	ng 99
9) Benzaldehyde	7.288	77	61058	30.820	ng 97
10) Phenol	7.335	94	161413	49.019	ng 98
11) bis(2-Chloroethyl)ether	7.570	93	104673	44.671	ng 96
12) 1,3-Dichlorobenzene	8.052	146	127073	44.200	ng 100
13) 1,4-Dichlorobenzene	8.199	146	133138	45.479	ng 97
14) 1,2-Dichlorobenzene	8.522	146	128179	45.157	ng 97
15) Benzyl Alcohol	8.393	79	117628	47.351	ng 98
16) 2,2'-oxybis(1-Chloropr...	8.687	45	225270	40.617	ng 97
17) 2-Methylphenol	8.598	107	109252	46.891	ng 96
18) Hexachloroethane	9.262	117	47878	43.181	ng 99
19) n-Nitroso-di-n-propyla...	8.969	70	91499	44.714	ng 91
20) 3+4-Methylphenols	8.927	107	147994	46.366	ng 93
22) Acetophenone	8.986	105	190455	44.355	ng 99
24) Nitrobenzene	9.368	77	141359	43.889	ng 96
25) Isophorone	9.897	82	260037	42.838	ng 99
26) 2-Nitrophenol	10.085	139	68781	47.477	ng 96
27) 2,4-Dimethylphenol	10.138	122	116963	45.445	ng 98
28) bis(2-Chloroethoxy)met...	10.373	93	149556	44.877	ng 99
29) 2,4-Dichlorophenol	10.620	162	134228	48.577	ng 97
30) 1,2,4-Trichlorobenzene	10.843	180	153051	45.870	ng 99
31) Naphthalene	11.031	128	384335	43.018	ng 100
32) Benzoic acid	10.273	122	79110	44.097	ng 99
33) 4-Chloroaniline	11.125	127	37251	10.423	ng 96
34) Hexachlorobutadiene	11.319	225	119748	41.828	ng 97
35) Caprolactam	11.895	113	39250m	47.491	ng
36) 4-Chloro-3-methylphenol	12.235	107	141639	46.053	ng 97
37) 2-Methylnaphthalene	12.623	142	263299	39.382	ng 97
38) 1-Methylnaphthalene	12.840	142	275084	41.420	ng 97
40) 1,2,4,5-Tetrachloroben...	12.987	216	217214	42.646	ng 98
41) Hexachlorocyclopentadiene	12.970	237	292272	80.056	ng 96
43) 2,4,6-Trichlorophenol	13.217	196	138889	46.460	ng 98

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Manual Integrations
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Reviewed By :Jagrut
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 Supervised By :Sohil
 Jodhani

Quant Time: Nov 18 00:25:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	155253	46.305	ng	99
46) 1,1'-Biphenyl	13.616	154	412233	43.854	ng	98
47) 2-Chloronaphthalene	13.657	162	317228	42.836	ng	100
48) 2-Nitroaniline	13.851	65	107396	45.087	ng	99
49) Acenaphthylene	14.497	152	555917	43.939	ng	99
50) Dimethylphthalate	14.221	163	445893	43.129	ng	98
51) 2,6-Dinitrotoluene	14.333	165	95233	47.870	ng	95
52) Acenaphthene	14.838	154	380997	50.224	ng	99
53) 3-Nitroaniline	14.662	138	39171	19.950	ng	88
54) 2,4-Dinitrophenol	14.868	184	127379	92.027	ng	98
55) Dibenzofuran	15.167	168	535479	42.697	ng	97
56) 4-Nitrophenol	14.962	139	151190	97.051	ng	94
57) 2,4-Dinitrotoluene	15.120	165	136738	45.847	ng	97
58) Fluorene	15.813	166	419937	42.693	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.390	232	163314	49.368	ng	96
60) Diethylphthalate	15.573	149	428865	43.303	ng	100
61) 4-Chlorophenyl-phenyle...	15.802	204	250106	42.369	ng	99
62) 4-Nitroaniline	15.819	138	87679	43.104	ng	90
63) Azobenzene	16.090	77	401300	48.715	ng	97
65) 4,6-Dinitro-2-methylph...	15.878	198	92402	52.548	ng	96
66) n-Nitrosodiphenylamine	16.013	169	385312	46.447	ng	98
67) 4-Bromophenyl-phenylether	16.689	248	187577	45.100	ng	98
68) Hexachlorobenzene	16.812	284	222617	44.179	ng	95
69) Atrazine	16.947	200	178444	44.615	ng	99
70) Pentachlorophenol	17.153	266	282935	93.741	ng	99
71) Phenanthrene	17.547	178	762183	43.985	ng	99
72) Anthracene	17.635	178	774717	43.846	ng	98
73) Carbazole	17.893	167	668855	44.034	ng	99
74) Di-n-butylphthalate	18.446	149	753338	44.454	ng	99
75) Fluoranthene	19.539	202	986166	41.618	ng	99
77) Benzidine	19.709	184	404443	36.305	ng	98
78) Pyrene	19.897	202	1015709	48.720	ng	99
80) Butylbenzylphthalate	20.766	149	347928	47.447	ng	97
81) Benzo(a)anthracene	21.736	228	1103366	43.623	ng	99
82) 3,3'-Dichlorobenzidine	21.642	252	172582	18.538	ng	96
83) Chrysene	21.801	228	1035528	43.425	ng	99
84) Bis(2-ethylhexyl)phtha...	21.630	149	488553	45.593	ng	99
85) Di-n-octyl phthalate	22.858	149	815867	44.047	ng	98
87) Indeno(1,2,3-cd)pyrene	28.745	276	1231434	47.547	ng	# 98
88) Benzo(b)fluoranthene	23.980	252	1062278	44.280	ng	99
89) Benzo(k)fluoranthene	24.045	252	1078196	44.736	ng	100
90) Benzo(a)pyrene	24.862	252	1007629	45.279	ng	99
91) Dibenzo(a,h)anthracene	28.810	278	1015062	47.842	ng	96
92) Benzo(g,h,i)perylene	29.915	276	974807	47.739	ng	99

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

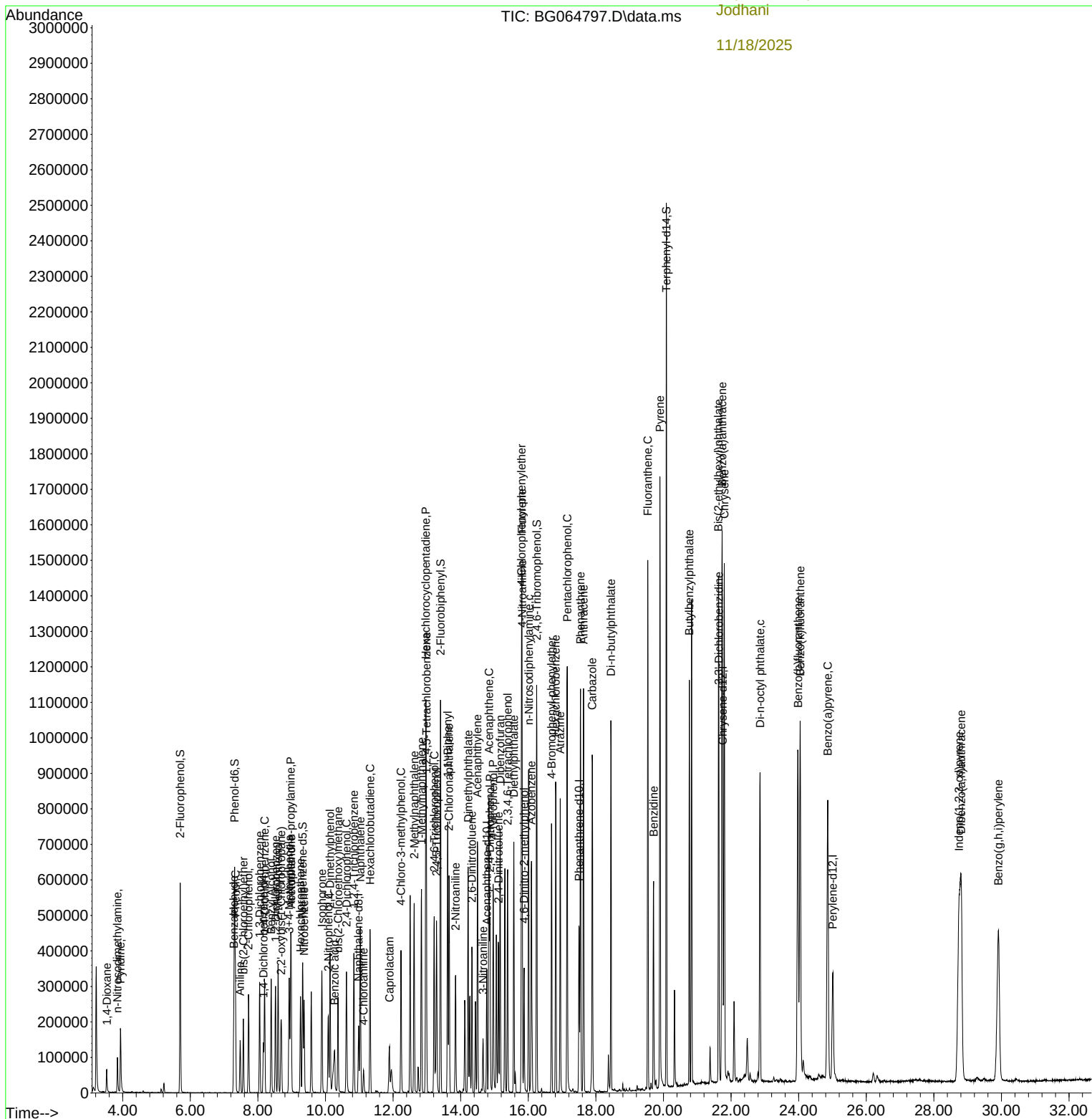
Manual Integrations APPROVED

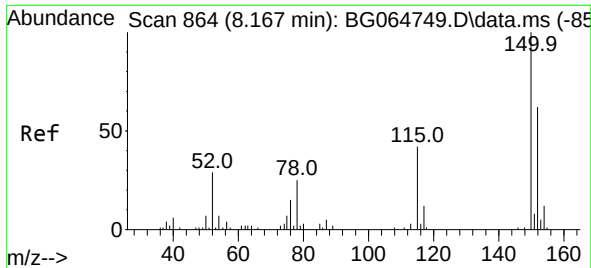
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Jodhani

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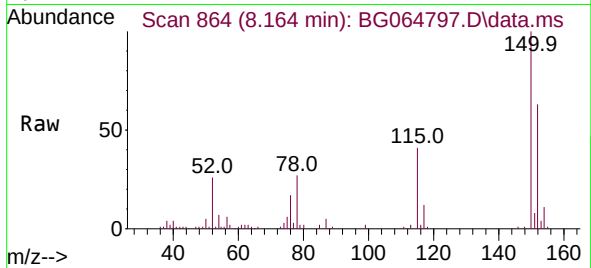
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



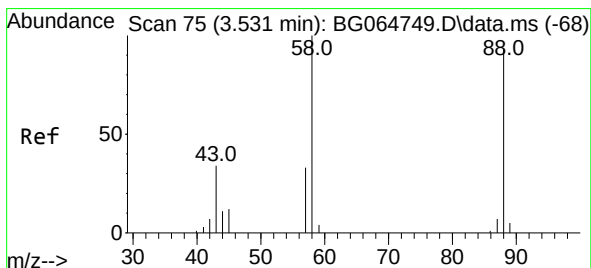
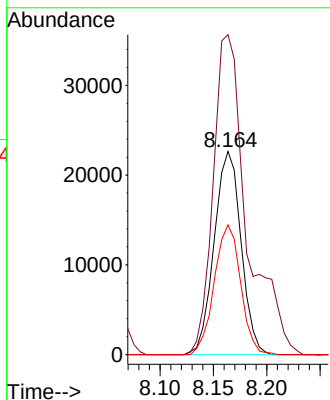
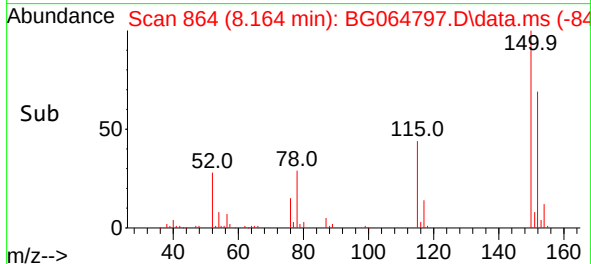
Tgt Ion:152 Resp: 39734
Ion Ratio Lower Upper
152 100
150 157.5 129.2 193.8
115 63.8 53.7 80.5

Manual Integrations
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Upadhyay

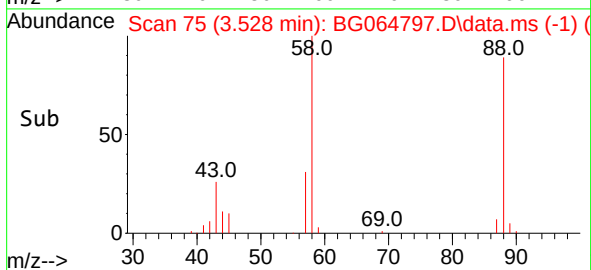
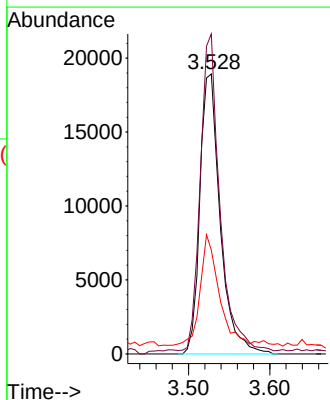
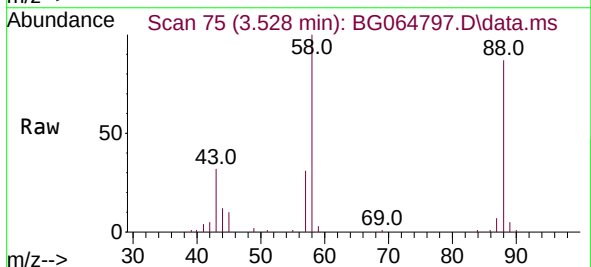
11/18/2025
Supervised By :Sohil
Jodhani

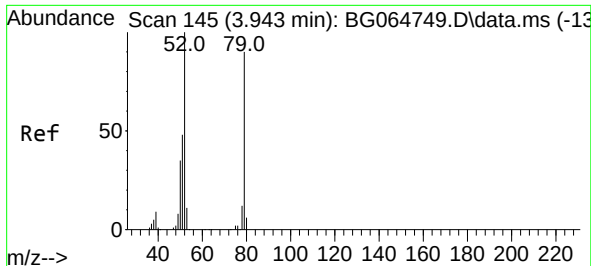
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#2
1,4-Dioxane
Concen: 37.353 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

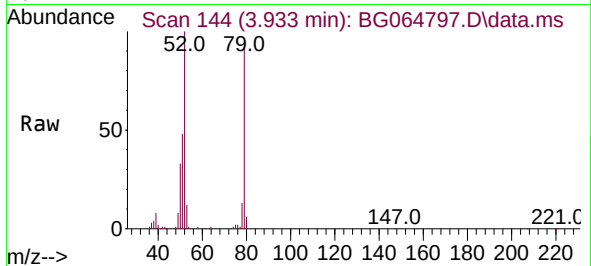
Tgt Ion: 88 Resp: 32904
Ion Ratio Lower Upper
88 100
58 114.8 84.6 126.8
43 36.4 30.0 45.0





#3
Pyridine
Concen: 35.510 ng
RT: 3.933 min Scan# 145
Delta R.T. -0.010 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



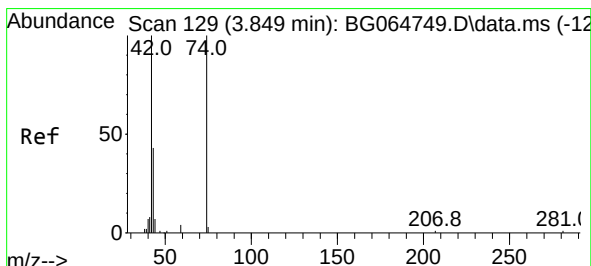
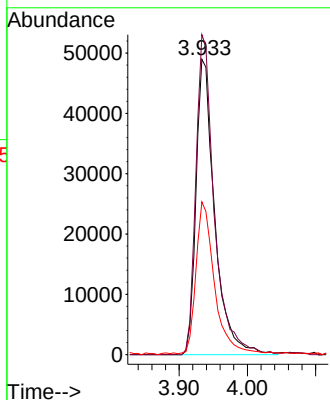
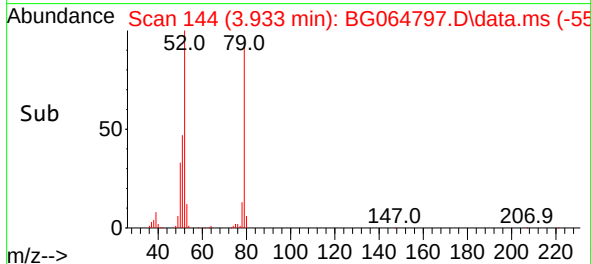
Tgt Ion: 79 Resp: 93203
Ion Ratio Lower Upper
79 100
52 108.3 89.0 133.4
51 51.7 43.4 65.0

Manual Integrations
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Upadhyay

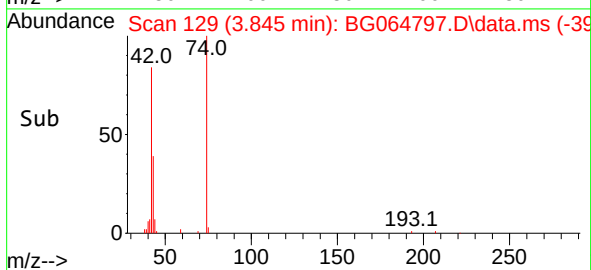
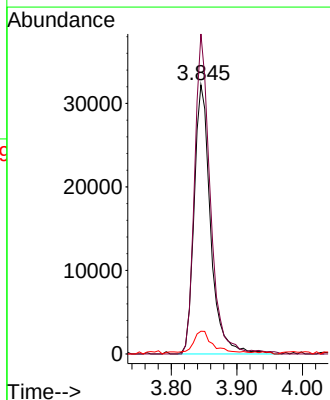
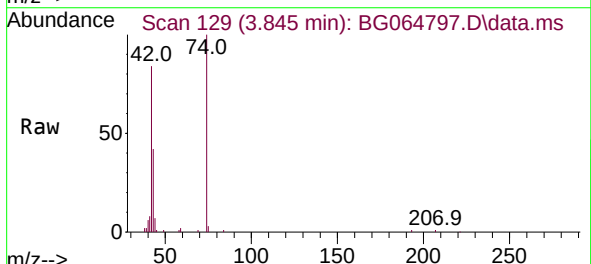
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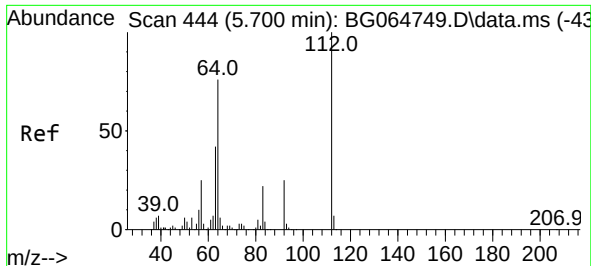
11/18/2025



#4
n-Nitrosodimethylamine
Concen: 41.779 ng
RT: 3.845 min Scan# 129
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

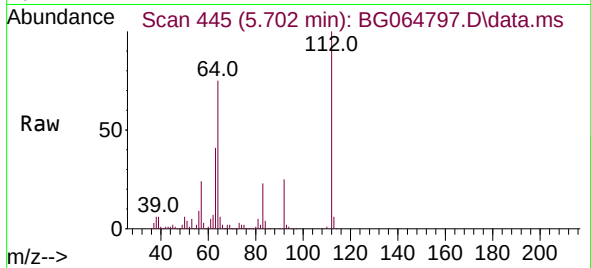
Tgt Ion: 42 Resp: 55812
Ion Ratio Lower Upper
42 100
74 119.0 79.8 119.6
44 8.4 5.9 8.9





#5
2-Fluorophenol
Concen: 106.561 ng
RT: 5.702 min Scan# 444
Delta R.T. 0.002 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



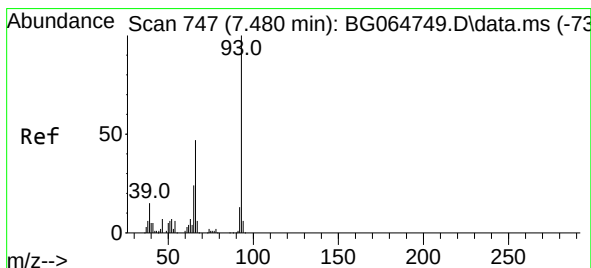
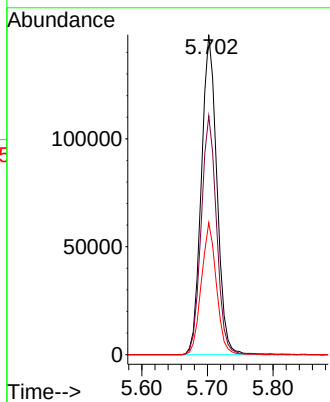
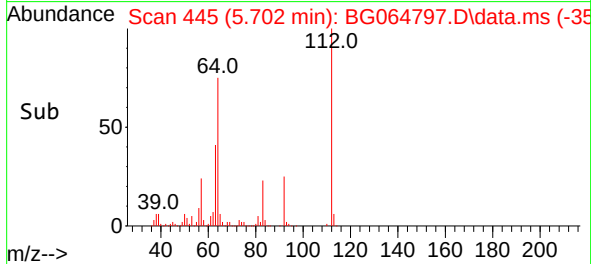
Tgt Ion: 112 Resp: 242473
Ion Ratio Lower Upper
112 100
64 74.6 61.0 91.4
63 41.2 33.3 49.9

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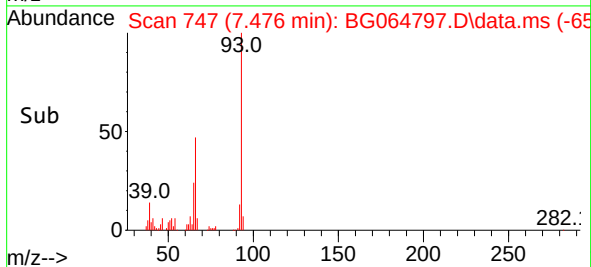
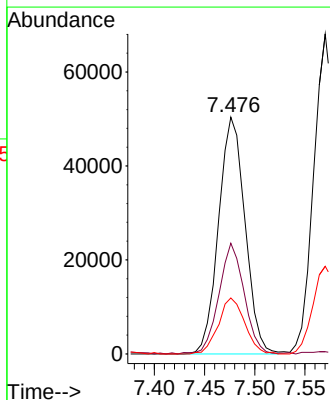
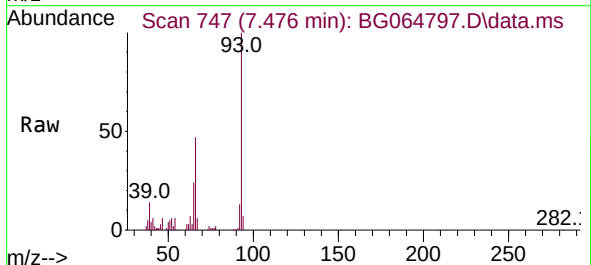
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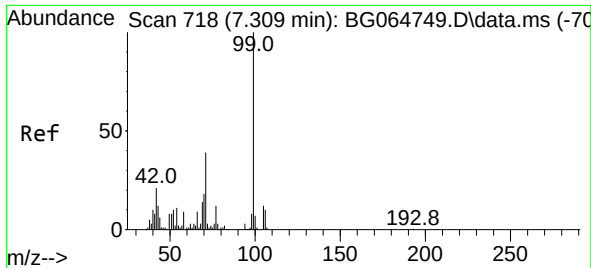
11/18/2025



#6
Aniline
Concen: 22.941 ng
RT: 7.476 min Scan# 747
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

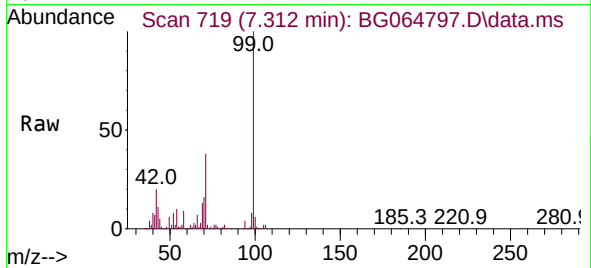
Tgt Ion: 93 Resp: 92542
Ion Ratio Lower Upper
93 100
66 46.8 37.7 56.5
65 23.6 19.1 28.7





#7
Phenol-d6
Concen: 110.828 ng
RT: 7.312 min Scan# 718
Delta R.T. 0.002 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
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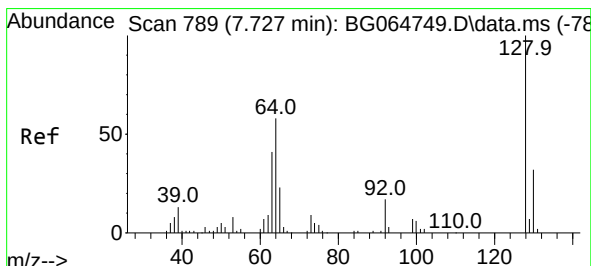
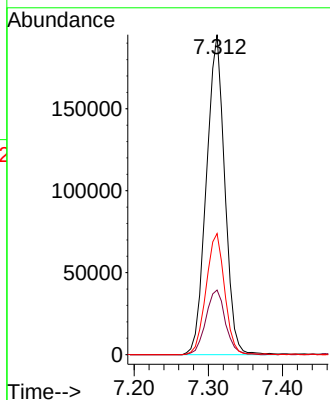
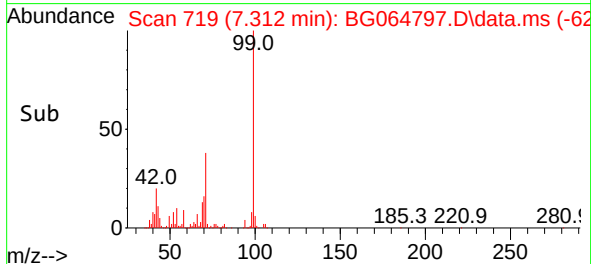
Tgt Ion: 99 Resp: 335412
Ion Ratio Lower Upper
99 100
42 20.2 16.8 25.2
71 37.8 31.1 46.7

Manual Integrations
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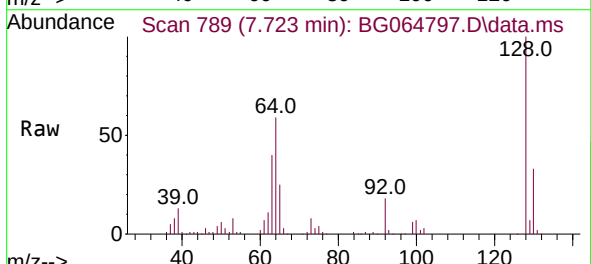
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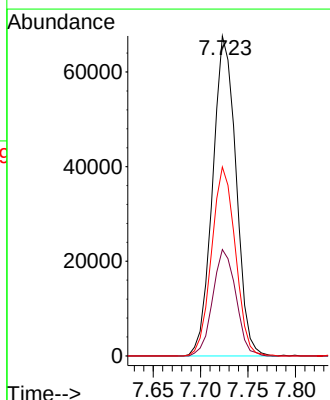
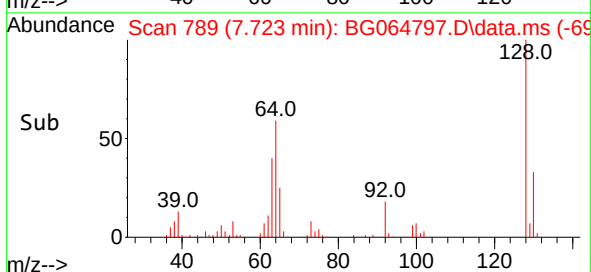
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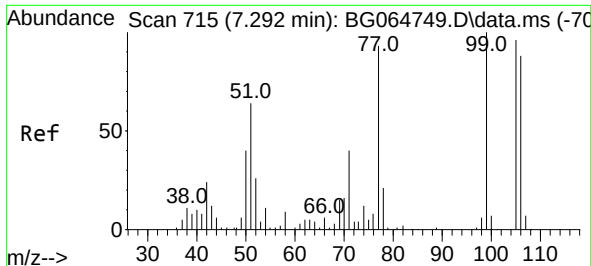


#8
2-Chlorophenol
Concen: 46.477 ng
RT: 7.723 min Scan# 789
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31



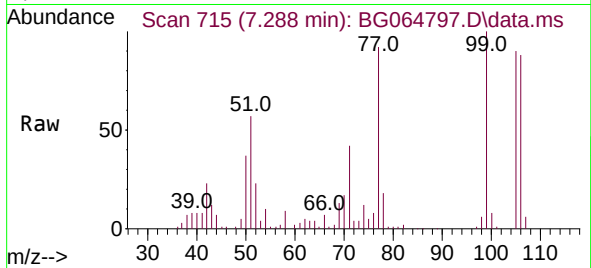
Tgt Ion:128 Resp: 116122
Ion Ratio Lower Upper
128 100
130 33.2 11.9 51.9
64 59.0 38.4 78.4





#9
Benzaldehyde
Concen: 30.820 ng
RT: 7.288 min Scan# 715
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
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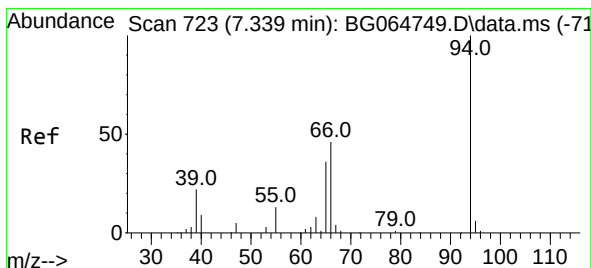
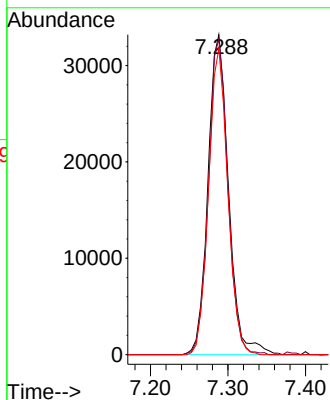
Tgt Ion: 77 Resp: 61058
Ion Ratio Lower Upper
77 100
105 98.6 83.8 123.8
106 95.7 74.3 114.3

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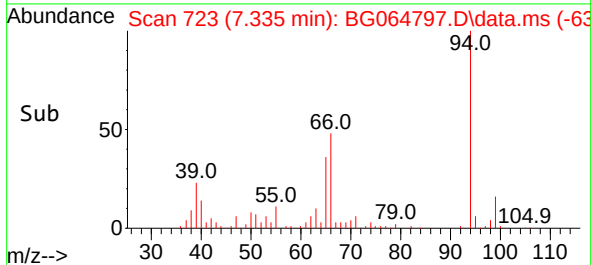
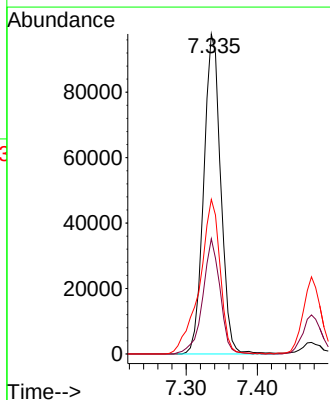
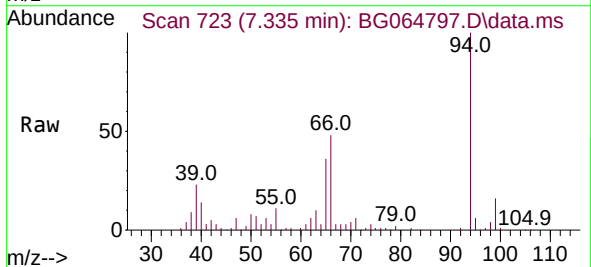
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Supervised By :Sohil
Jodhani

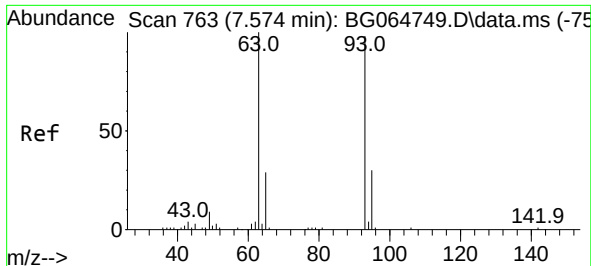
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#10
Phenol
Concen: 49.019 ng
RT: 7.335 min Scan# 723
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

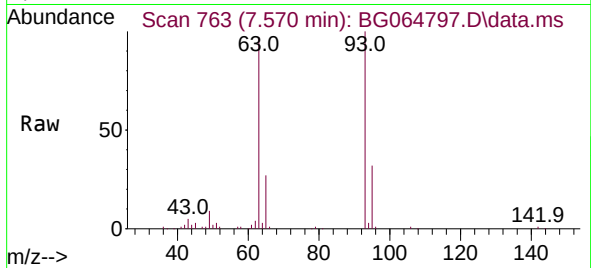
Tgt Ion: 94 Resp: 161413
Ion Ratio Lower Upper
94 100
65 36.0 17.0 57.0
66 48.3 29.8 69.8





#11
bis(2-Chloroethyl)ether
Concen: 44.671 ng
RT: 7.570 min Scan# 763
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



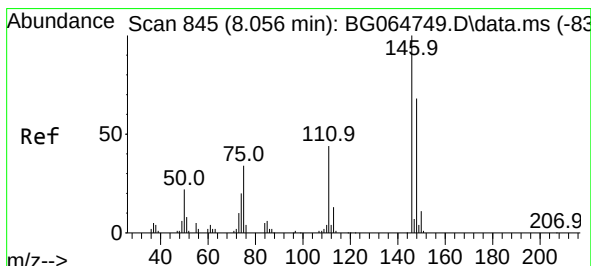
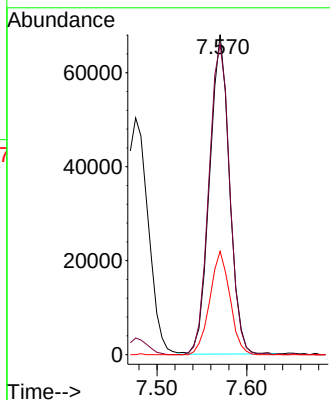
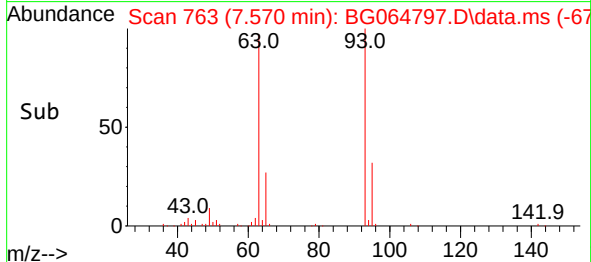
Tgt Ion: 93 Resp: 104673
Ion Ratio Lower Upper
93 100
63 97.0 81.8 121.8
95 32.3 10.3 50.3

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Upadhyay

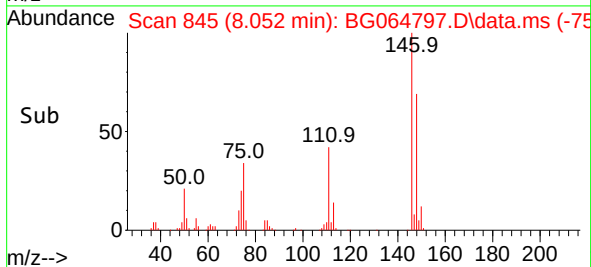
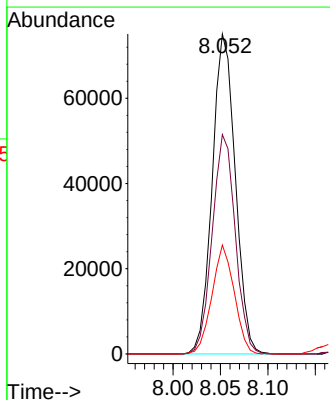
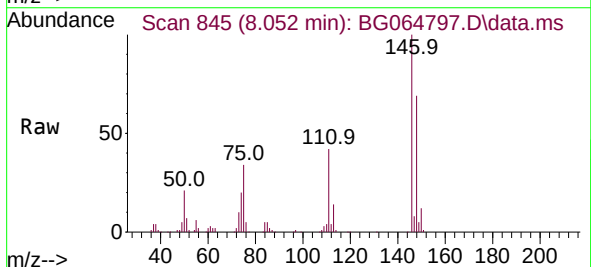
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Jodhani

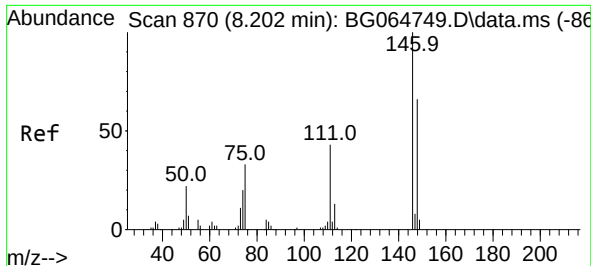
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#12
1,3-Dichlorobenzene
Concen: 44.200 ng
RT: 8.052 min Scan# 845
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion:146 Resp: 127073
Ion Ratio Lower Upper
146 100
148 68.5 54.6 82.0
75 34.0 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 45.479 ng

RT: 8.199 min Scan# 81

Delta R.T. -0.004 min

Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MSD

Tgt Ion:146 Resp: 133138

Ion	Ratio	Lower	Upper
146	100		
148	68.8	53.1	79.7
111	40.4	34.1	51.1

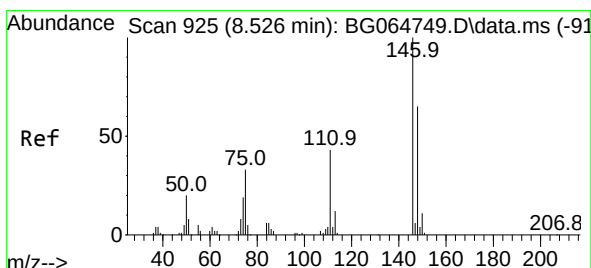
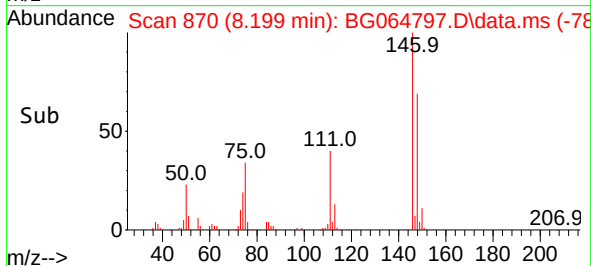
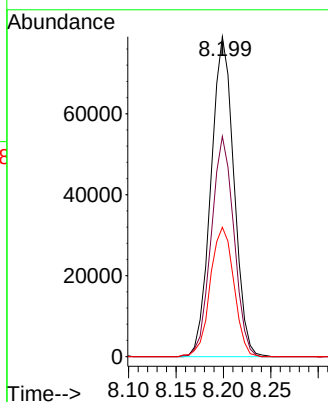
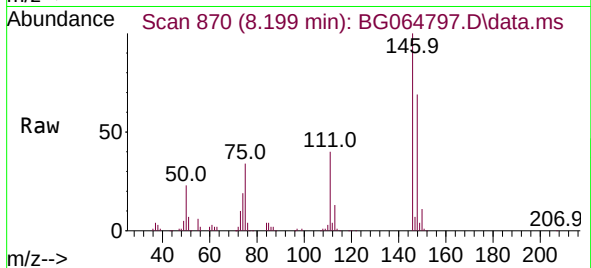
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#14

1,2-Dichlorobenzene

Concen: 45.157 ng

RT: 8.522 min Scan# 925

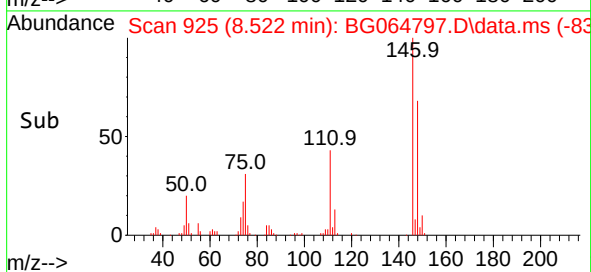
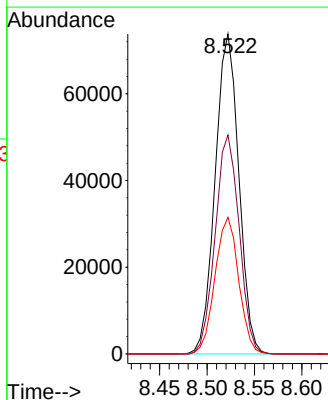
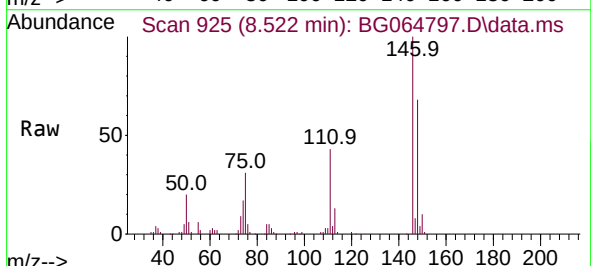
Delta R.T. -0.004 min

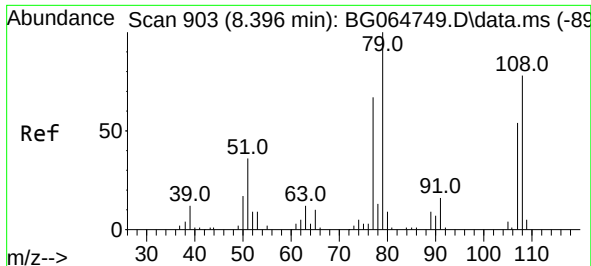
Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

Tgt Ion:146 Resp: 128179

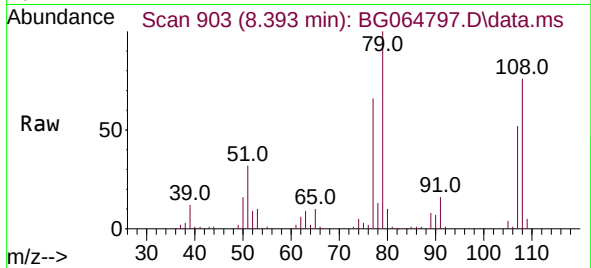
Ion	Ratio	Lower	Upper
146	100		
148	68.4	52.0	78.0
111	42.7	34.7	52.1





#15
Benzyl Alcohol
Concen: 47.351 ng
RT: 8.393 min Scan# 90
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



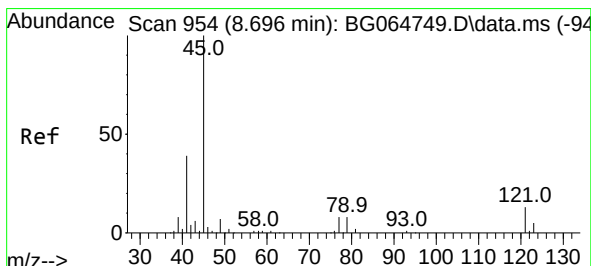
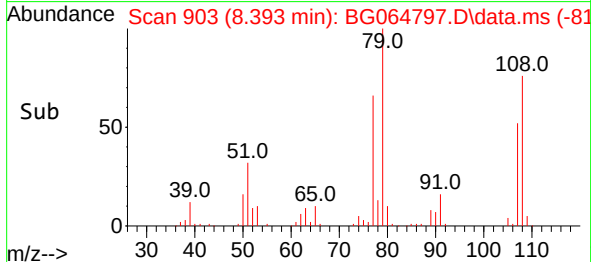
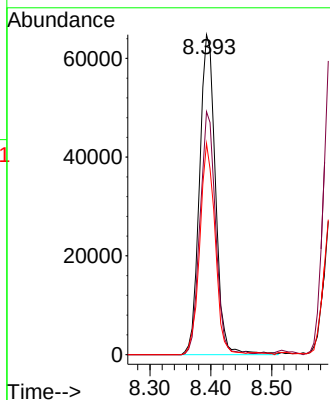
Tgt Ion: 79 Resp: 117628
Ion Ratio Lower Upper
79 100
108 75.9 62.3 93.5
77 66.0 53.5 80.3

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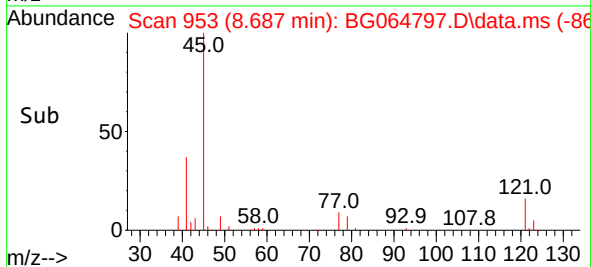
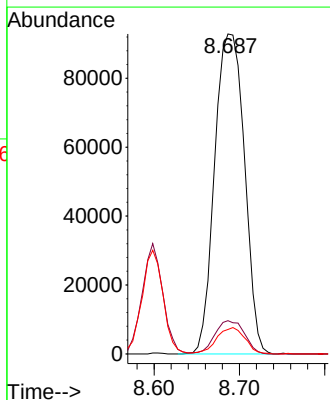
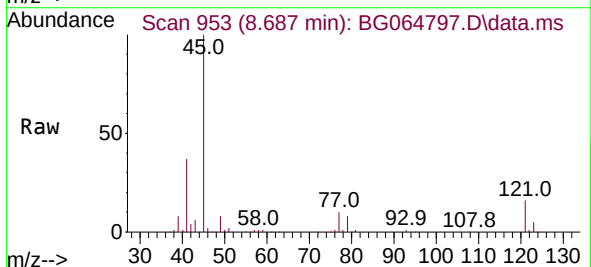
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Supervised By :Sohil
Jodhani

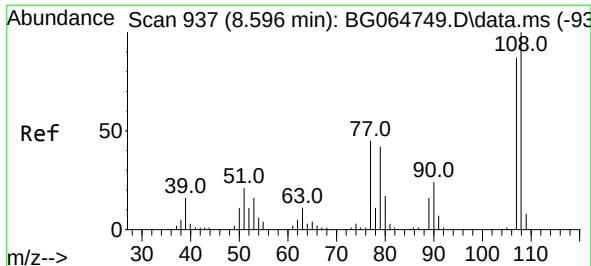
11/18/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.617 ng
RT: 8.687 min Scan# 953
Delta R.T. -0.010 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

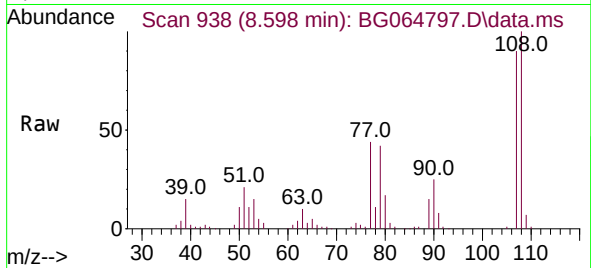
Tgt Ion: 45 Resp: 225270
Ion Ratio Lower Upper
45 100
77 10.4 0.0 28.8
79 7.6 0.0 28.1





#17
2-Methylphenol
Concen: 46.891 ng
RT: 8.598 min Scan# 937
Delta R.T. 0.002 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



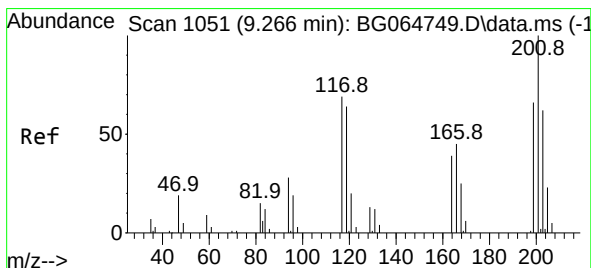
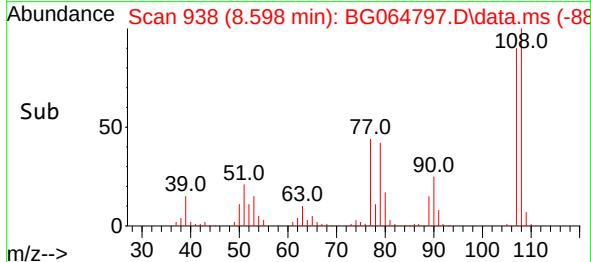
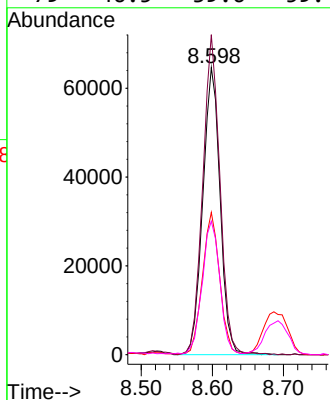
Tgt Ion:107 Resp: 109252
Ion Ratio Lower Upper
107 100
108 111.5 92.6 138.8
77 49.5 41.2 61.8
79 46.5 39.6 59.4

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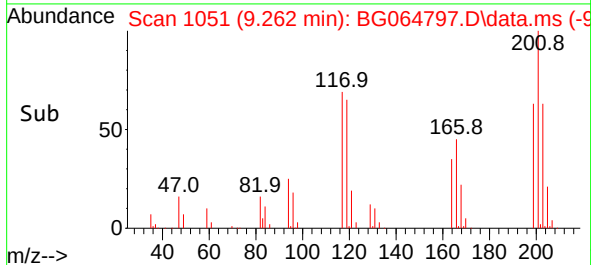
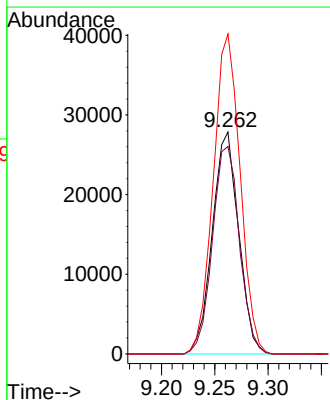
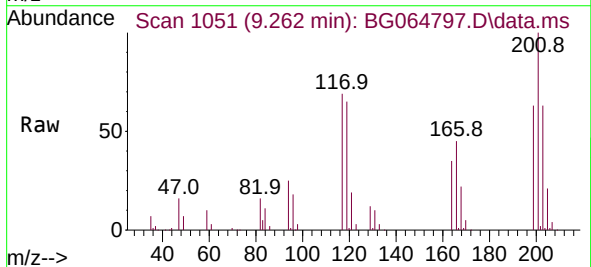
11/18/2025
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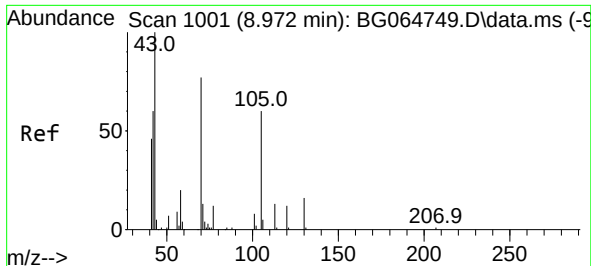
11/18/2025



#18
Hexachloroethane
Concen: 43.181 ng
RT: 9.262 min Scan# 1051
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion:117 Resp: 47878
Ion Ratio Lower Upper
117 100
119 93.5 74.4 111.6
201 144.3 116.5 174.7





#19

n-Nitroso-di-n-propylamine

Concen: 44.714 ng

RT: 8.969 min Scan# 1001

Delta R.T. -0.004 min

Lab File: BG064797.D

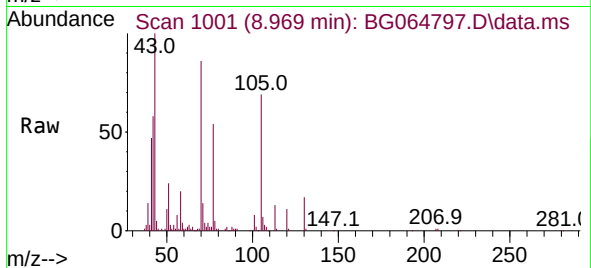
Acq: 17 Nov 2025 23:31

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MSD



Tgt Ion: 70 Resp: 91499

Ion Ratio Lower Upper

70 100

42 67.3 62.6 93.8

101 9.1 8.0 12.0

130 20.1 16.5 24.7

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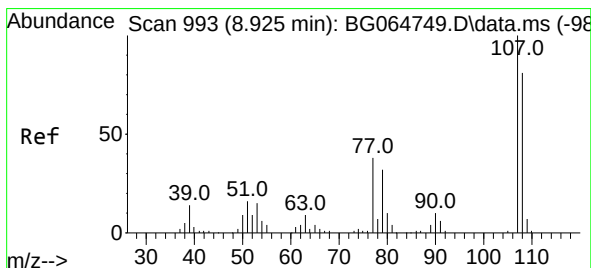
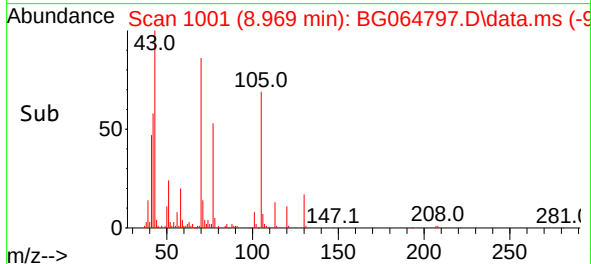
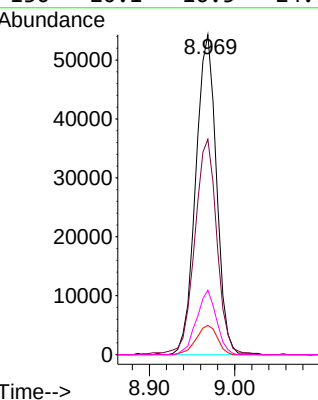
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#20

3+4-Methylphenols

Concen: 46.366 ng

RT: 8.927 min Scan# 994

Delta R.T. 0.002 min

Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

Tgt Ion:107 Resp: 147994

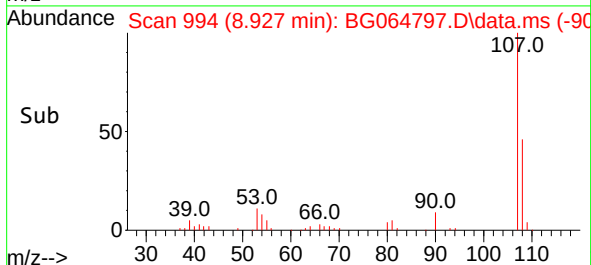
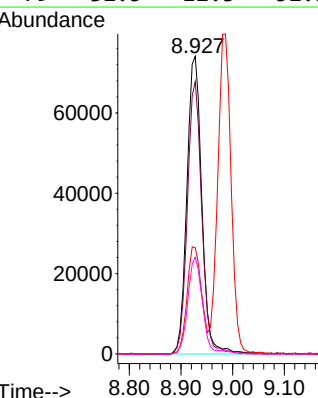
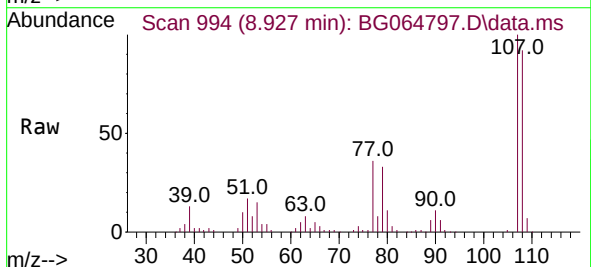
Ion Ratio Lower Upper

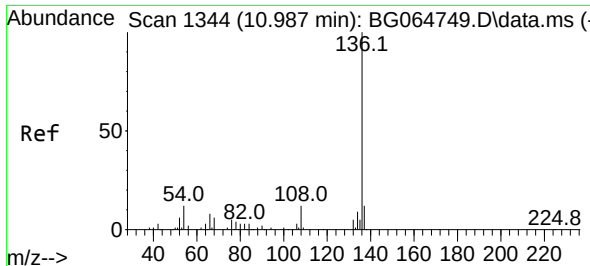
107 100

108 91.5 61.0 101.0

77 35.7 17.6 57.6

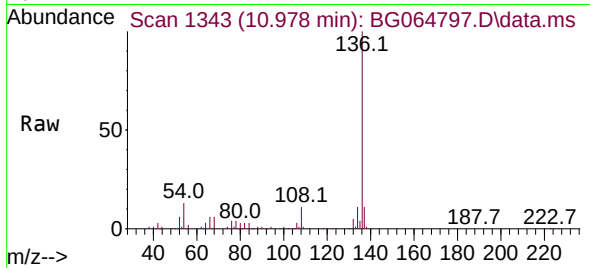
79 32.5 12.3 52.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.978 min Scan# 1344
Delta R.T. -0.009 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



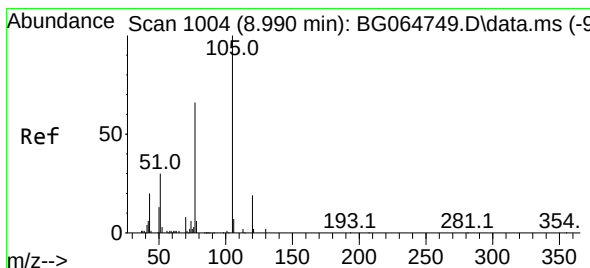
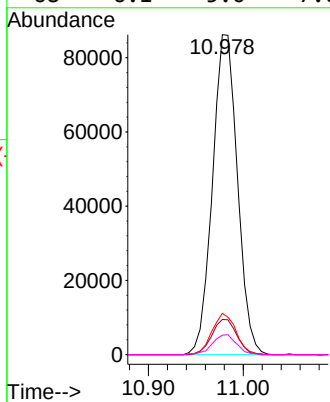
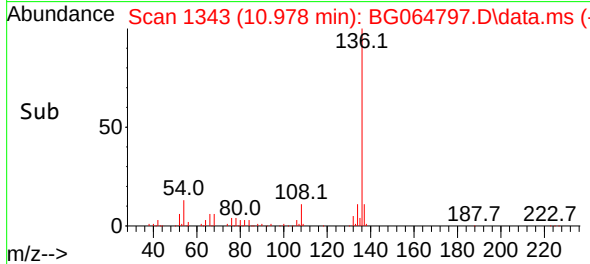
Tgt Ion:136 Resp: 157606
Ion Ratio Lower Upper
136 100
137 11.0 9.3 13.9
54 12.9 9.3 13.9
68 6.1 5.0 7.6

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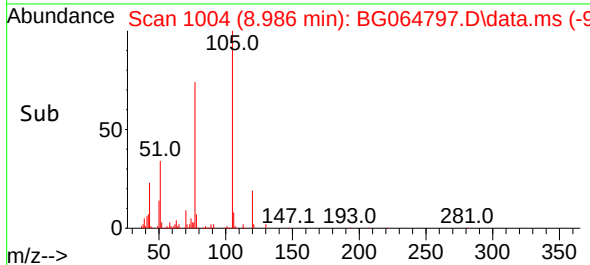
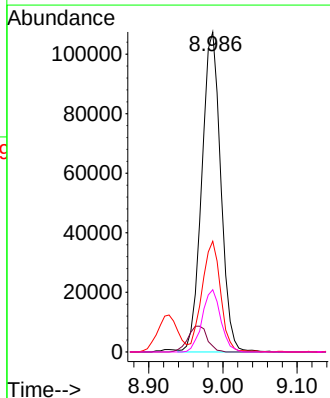
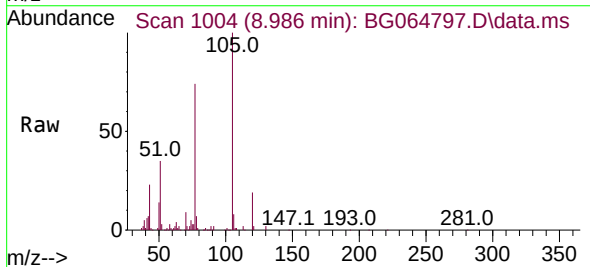
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Jodhani

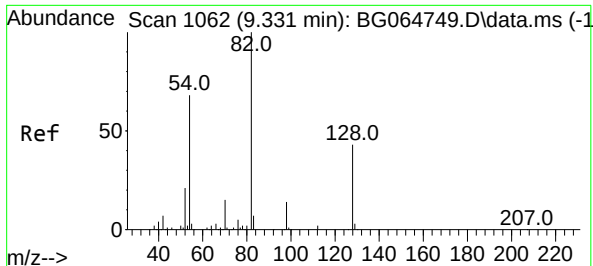
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#22
Acetophenone
Concen: 44.355 ng
RT: 8.986 min Scan# 1004
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion:105 Resp: 190455
Ion Ratio Lower Upper
105 100
71 1.8 1.3 1.9
51 34.6 27.9 41.9
120 19.4 15.3 22.9





#23

Nitrobenzene-d5

Concen: 68.711 ng

RT: 9.327 min Scan# 1062

Delta R.T. -0.004 min

Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MSD

Tgt Ion: 82 Resp: 21902

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.1	51.1
54	63.3	54.3	81.5

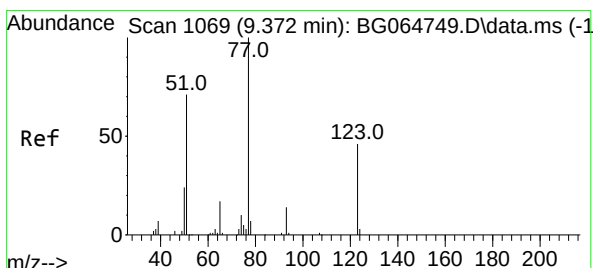
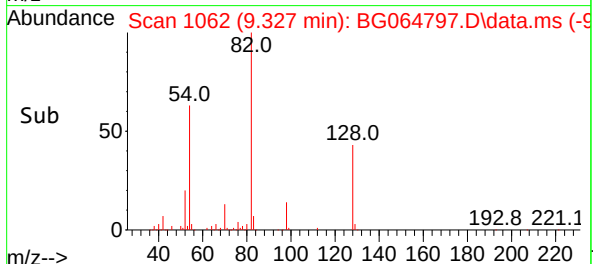
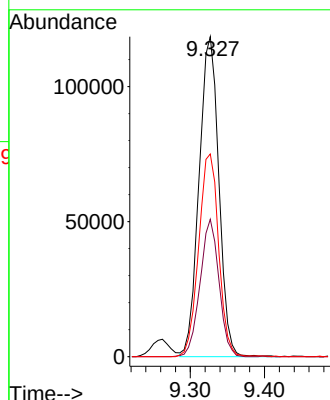
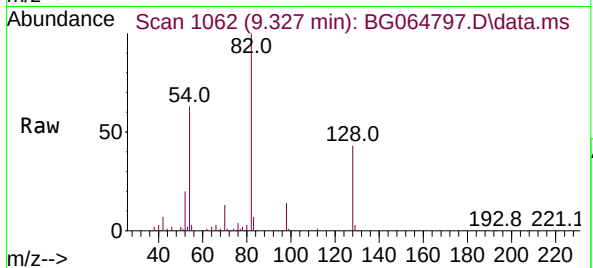
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Upadhyay

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Jodhani

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#24

Nitrobenzene

Concen: 43.889 ng

RT: 9.368 min Scan# 1069

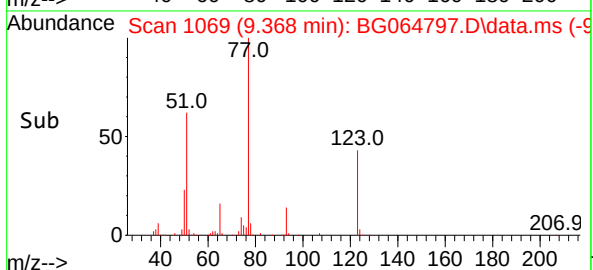
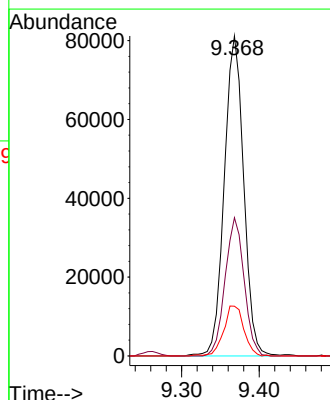
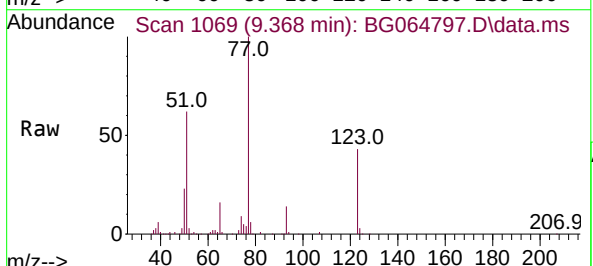
Delta R.T. -0.004 min

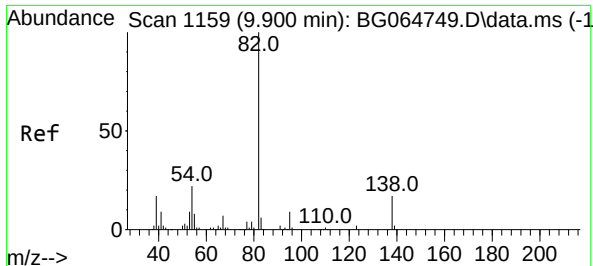
Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

Tgt Ion: 77 Resp: 141359

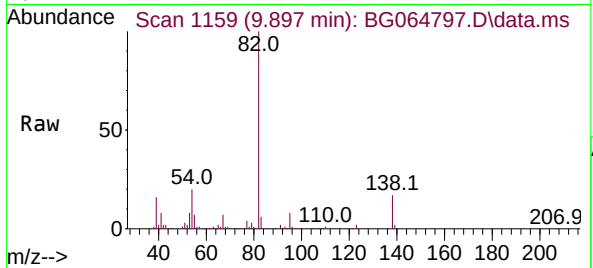
Ion	Ratio	Lower	Upper
77	100		
123	43.2	36.5	54.7
65	15.5	13.5	20.3





#25
Isophorone
Concen: 42.838 ng
RT: 9.897 min Scan# 1159
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



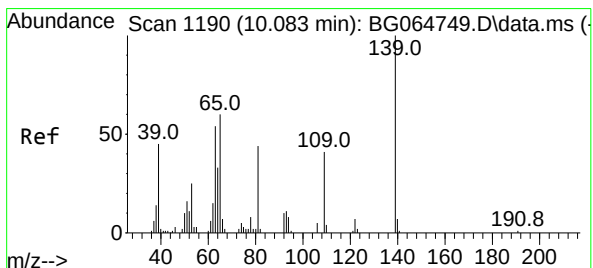
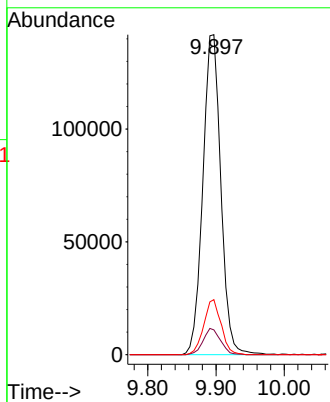
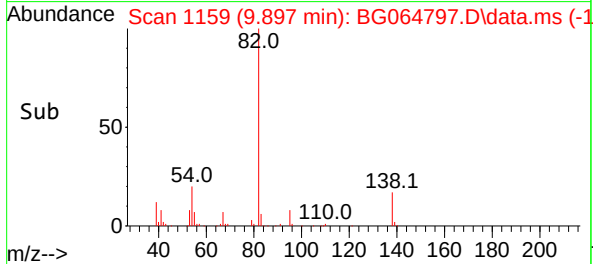
Tgt Ion: 82 Resp: 26003
Ion Ratio Lower Upper
82 100
95 7.7 6.9 10.3
138 17.2 13.9 20.9

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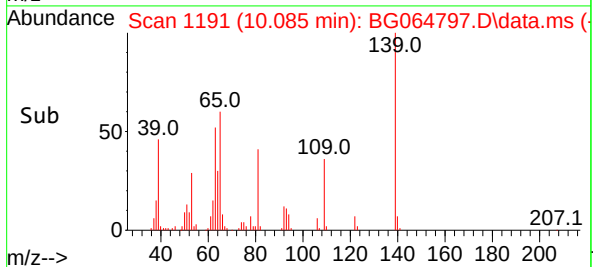
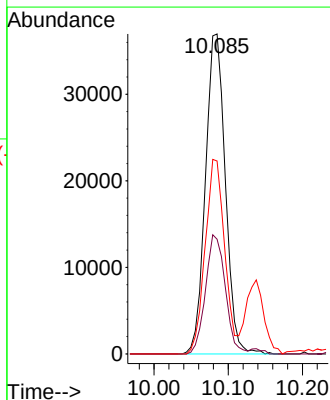
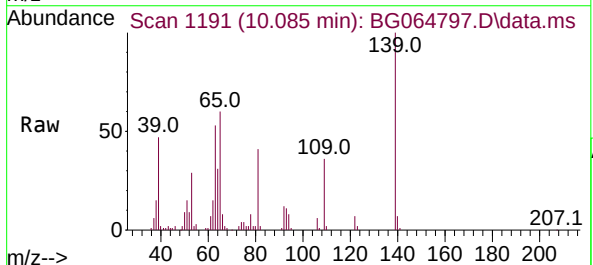
11/18/2025
Supervised By :Sohil
Jodhani

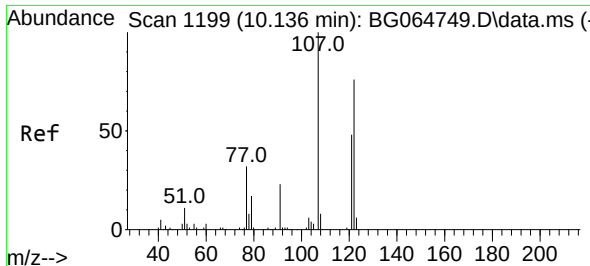
11/18/2025



#26
2-Nitrophenol
Concen: 47.477 ng
RT: 10.085 min Scan# 1191
Delta R.T. 0.002 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

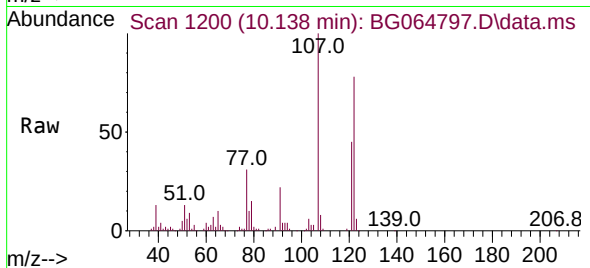
Tgt Ion:139 Resp: 68781
Ion Ratio Lower Upper
139 100
109 35.8 32.5 48.7
65 60.3 47.6 71.4





#27
2,4-Dimethylphenol
Concen: 45.445 ng
RT: 10.138 min Scan# 1199
Delta R.T. 0.002 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



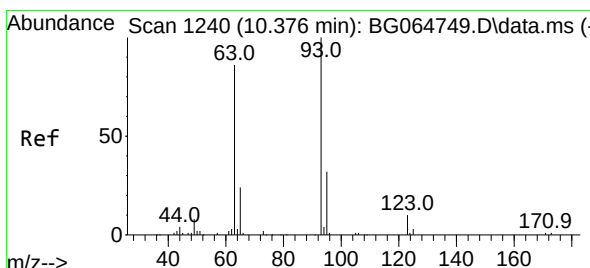
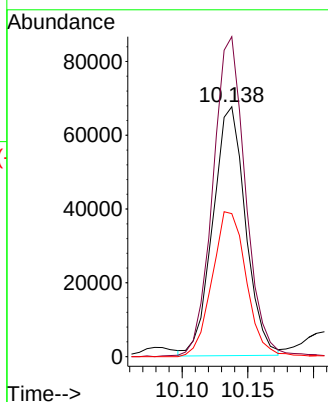
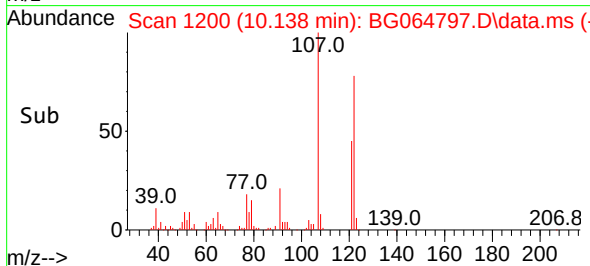
Tgt Ion:122 Resp: 116963
Ion Ratio Lower Upper
122 100
107 128.1 102.5 153.7
121 57.2 49.0 73.6

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Reviewed By :Jagrut
Upadhyay

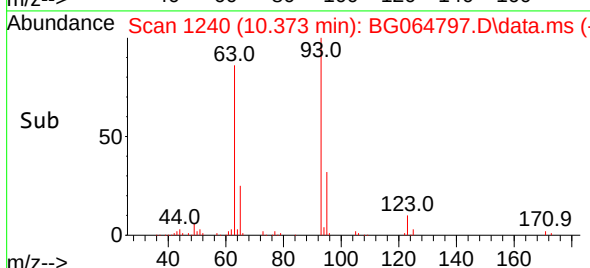
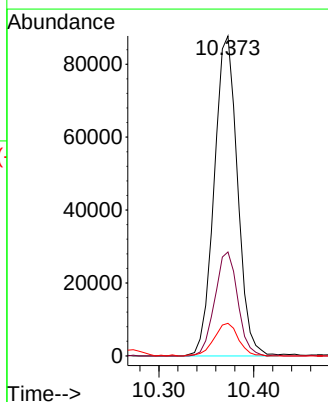
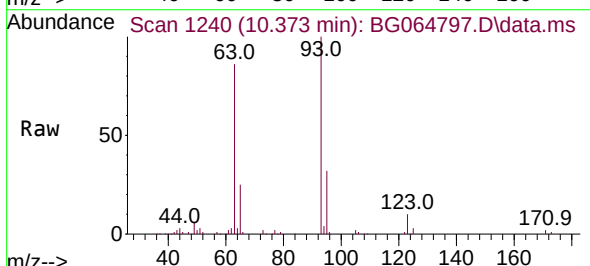
11/18/2025
Supervised By :Sohil
Jodhani

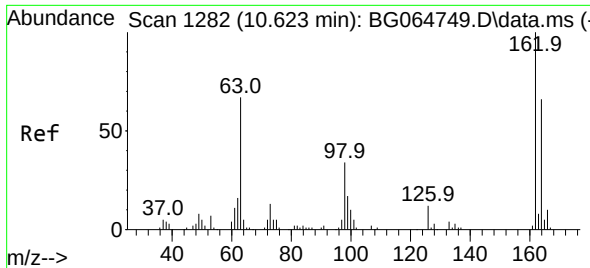
11/18/2025



#28
bis(2-Chloroethoxy)methane
Concen: 44.877 ng
RT: 10.373 min Scan# 1240
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

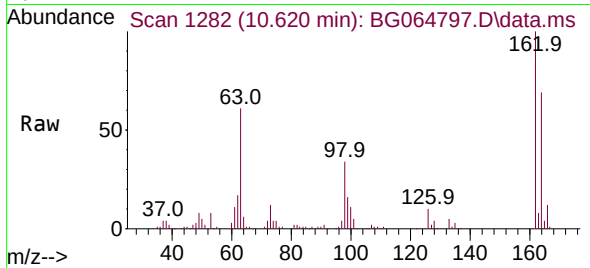
Tgt Ion: 93 Resp: 149556
Ion Ratio Lower Upper
93 100
95 32.5 25.4 38.2
123 10.2 8.1 12.1





#29
2,4-Dichlorophenol
Concen: 48.577 ng
RT: 10.620 min Scan# 1282
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



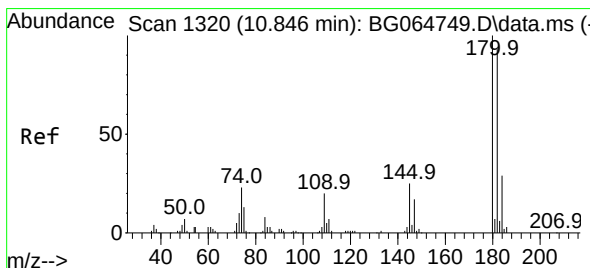
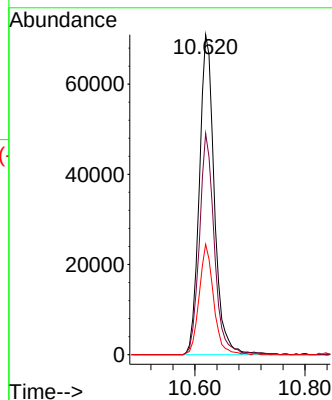
Tgt Ion:162 Resp: 134228
Ion Ratio Lower Upper
162 100
164 69.1 46.0 86.0
98 34.5 14.2 54.2

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Reviewed By :Jagrut
Upadhyay

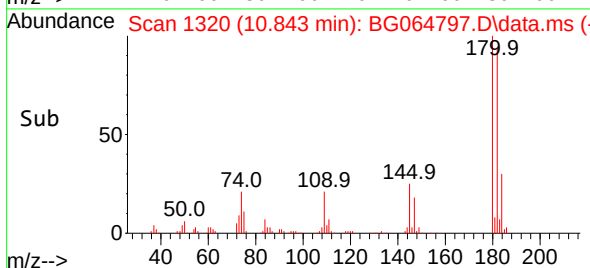
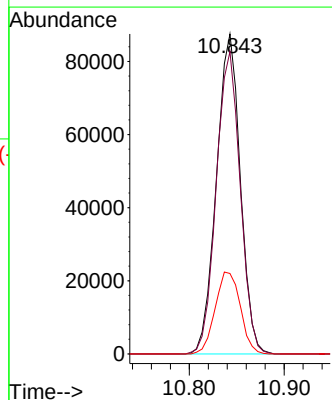
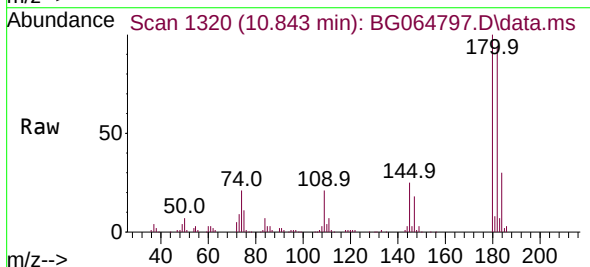
11/18/2025
Supervised By :Sohil
Jodhani

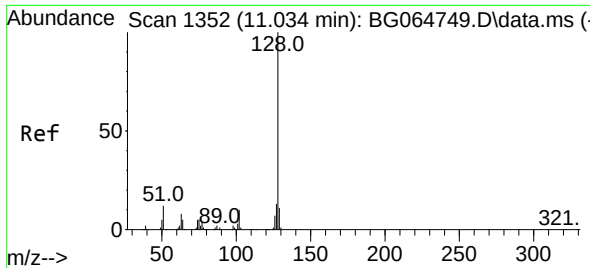
11/18/2025



#30
1,2,4-Trichlorobenzene
Concen: 45.870 ng
RT: 10.843 min Scan# 1320
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

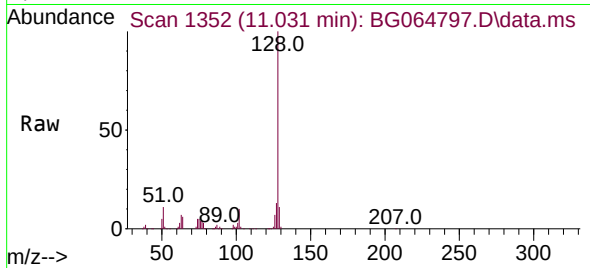
Tgt Ion:180 Resp: 153051
Ion Ratio Lower Upper
180 100
182 94.5 74.2 111.4
145 25.1 20.0 30.0





#31
Naphthalene
Concen: 43.018 ng
RT: 11.031 min Scan# 1352
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



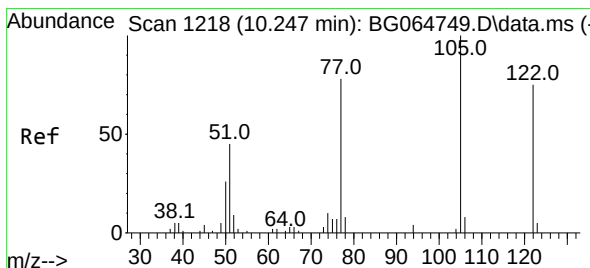
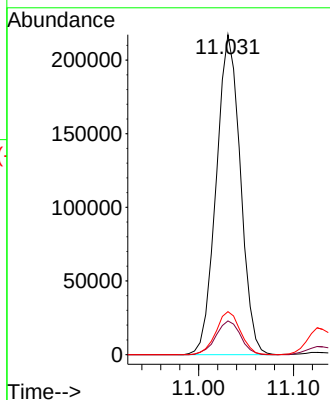
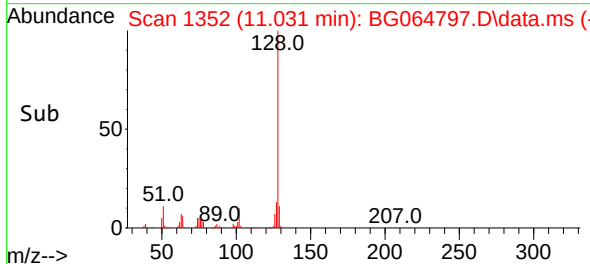
Tgt Ion:128 Resp: 384335
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 13.4 10.6 16.0

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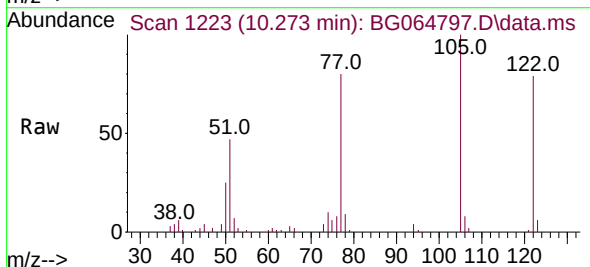
Reviewed By :Jagrut
Upadhyay

11/18/2025
Supervised By :Sohil
Jodhani

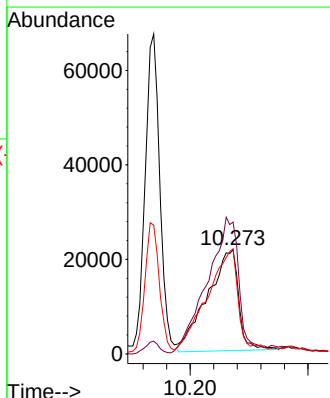
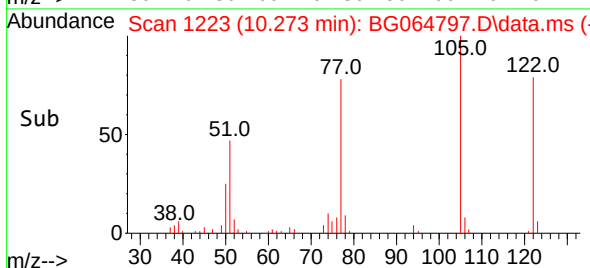
11/18/2025

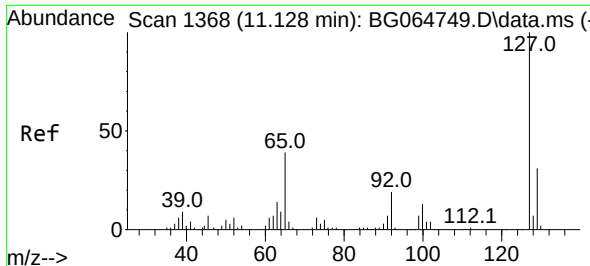


#32
Benzoic acid
Concen: 44.097 ng
RT: 10.273 min Scan# 1223
Delta R.T. 0.026 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31



Tgt Ion:122 Resp: 79110
Ion Ratio Lower Upper
122 100
105 126.6 107.6 147.6
77 100.8 82.5 122.5





#33

4-Chloroaniline

Concen: 10.423 ng

RT: 11.125 min Scan# 1368

Delta R.T. -0.004 min

Lab File: BG064797.D

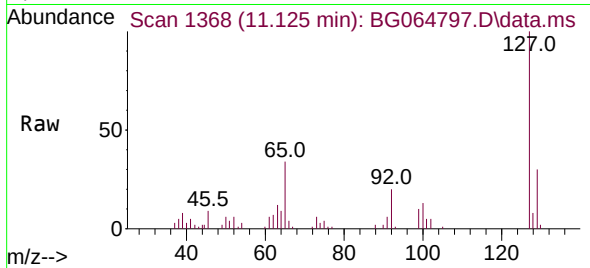
Acq: 17 Nov 2025 23:31

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MSD



Tgt Ion:127 Resp: 3725

Ion Ratio Lower Upper

127 100

129 30.1 24.9 37.3

65 33.8 30.9 46.3

92 19.7 15.1 22.7

Manual Integrations

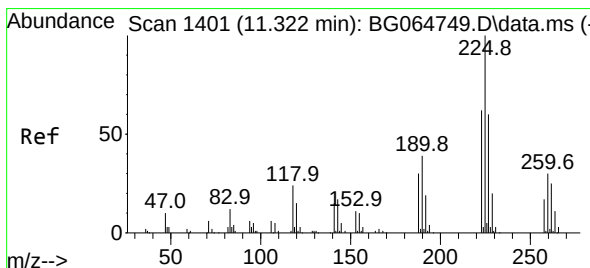
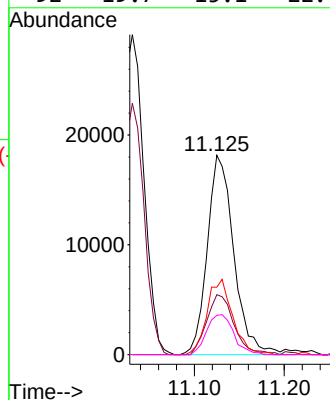
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Reviewed By :Jagrut
Upadhyay

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Supervised By :Sohil
Jodhani

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#34

Hexachlorobutadiene

Concen: 41.828 ng

RT: 11.319 min Scan# 1401

Delta R.T. -0.004 min

Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

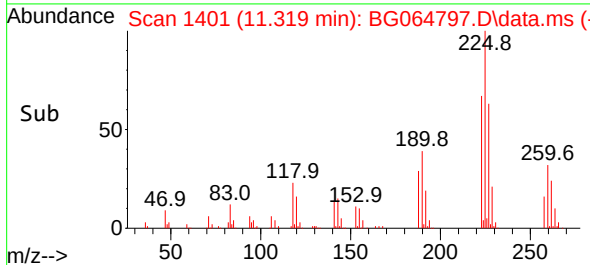
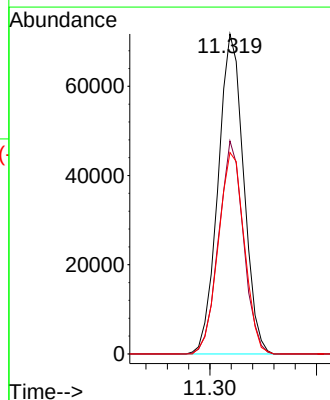
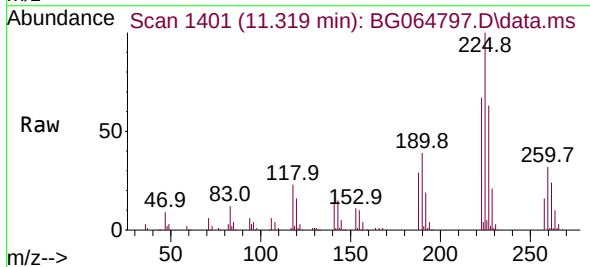
Tgt Ion:225 Resp: 119748

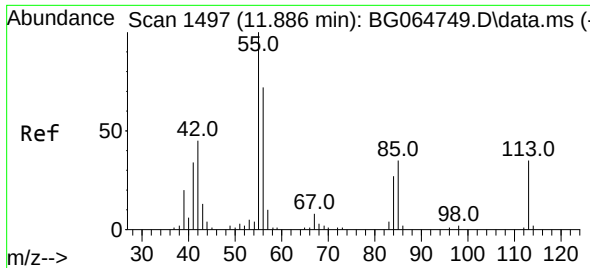
Ion Ratio Lower Upper

225 100

223 66.5 49.9 74.9

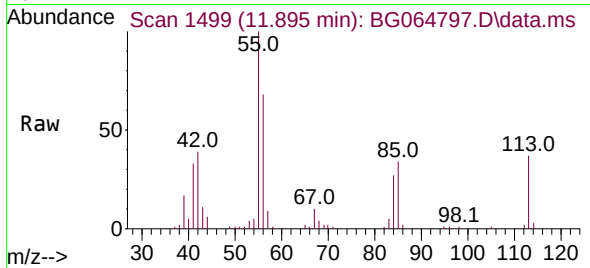
227 62.9 50.6 75.8





#35
Caprolactam
Concen: 47.491 ng m
RT: 11.895 min Scan# 1499
Delta R.T. 0.008 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



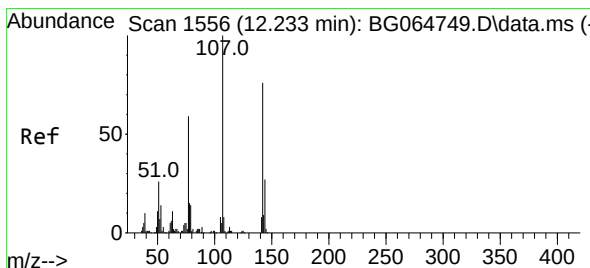
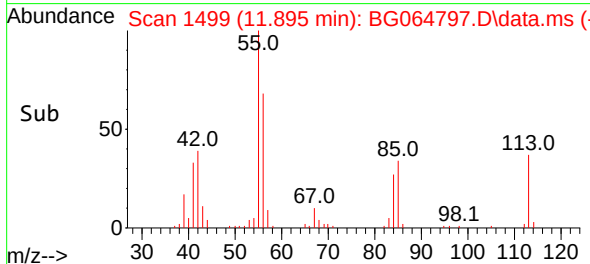
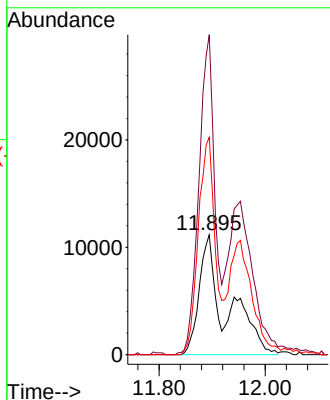
Tgt Ion:113 Resp: 39250
Ion Ratio Lower Upper
113 100
55 267.1 263.7 303.7
56 181.4 184.0 224.0

Manual Integrations
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Reviewed By :Jagrut
Upadhyay

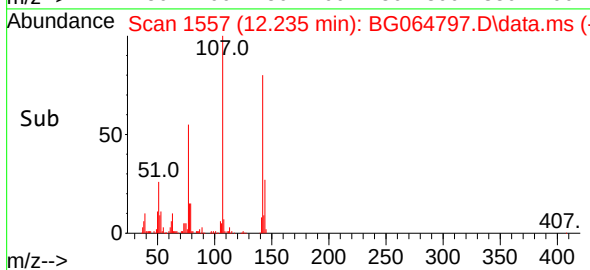
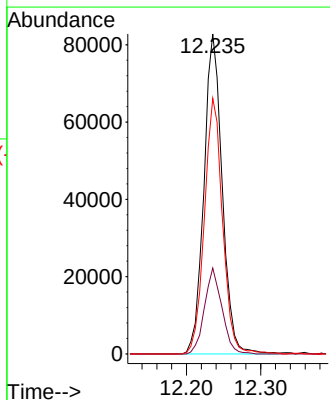
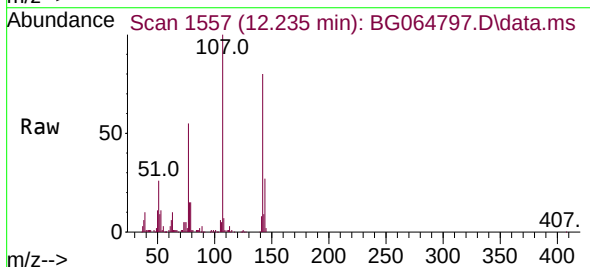
11/18/2025
Supervised By :Sohil
Jodhani

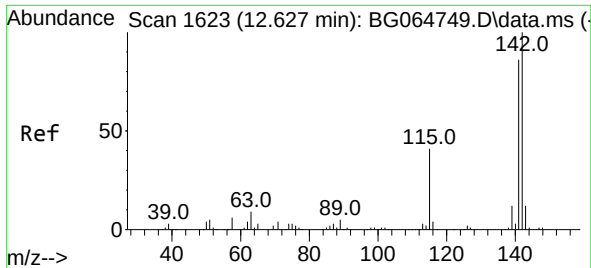
11/18/2025



#36
4-Chloro-3-methylphenol
Concen: 46.053 ng
RT: 12.235 min Scan# 1557
Delta R.T. 0.002 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

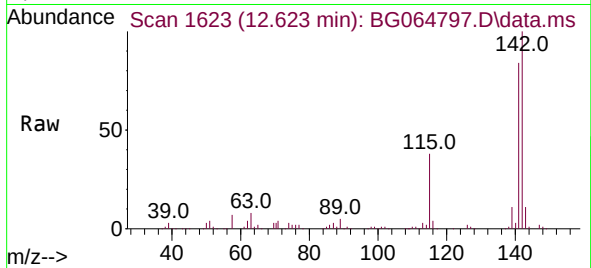
Tgt Ion:107 Resp: 141639
Ion Ratio Lower Upper
107 100
144 26.8 21.7 32.5
142 79.9 60.8 91.2





#37
2-Methylnaphthalene
Concen: 39.382 ng
RT: 12.623 min Scan# 1623
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



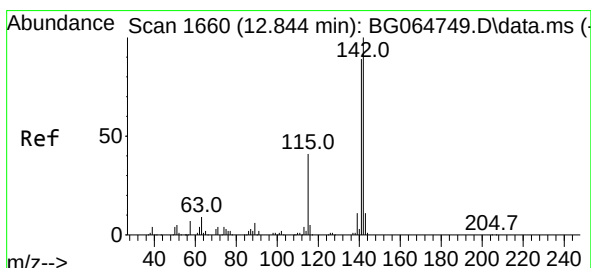
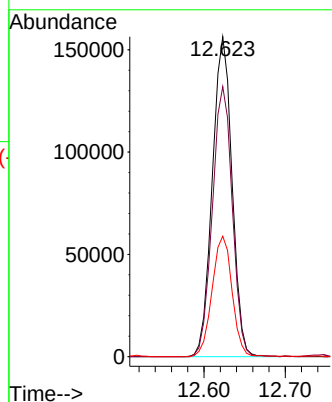
Tgt Ion:142 Resp: 263299
Ion Ratio Lower Upper
142 100
141 84.4 69.1 103.7
115 37.6 32.9 49.3

Manual Integrations
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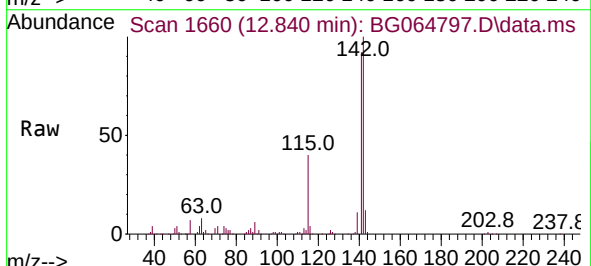
Reviewed By :Jagrut
Upadhyay

11/18/2025
Supervised By :Sohil
Jodhani

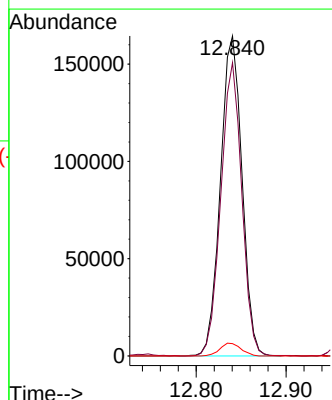
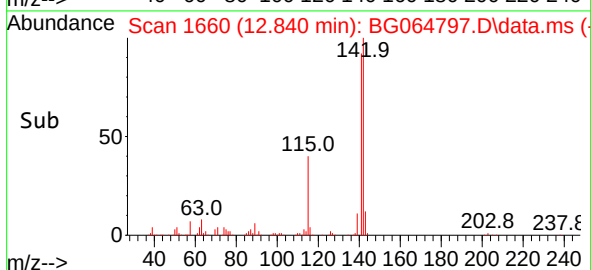
11/18/2025

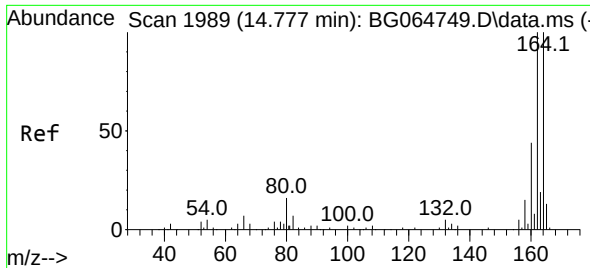


#38
1-Methylnaphthalene
Concen: 41.420 ng
RT: 12.840 min Scan# 1660
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31



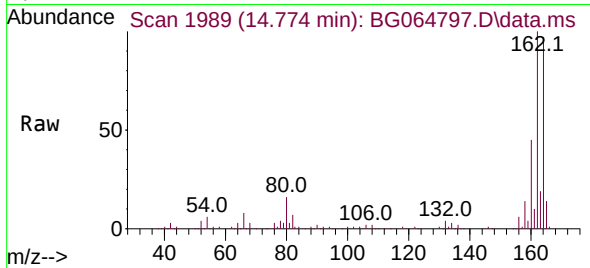
Tgt Ion:142 Resp: 275084
Ion Ratio Lower Upper
142 100
141 91.6 70.8 106.2
116 3.8 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 1989
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



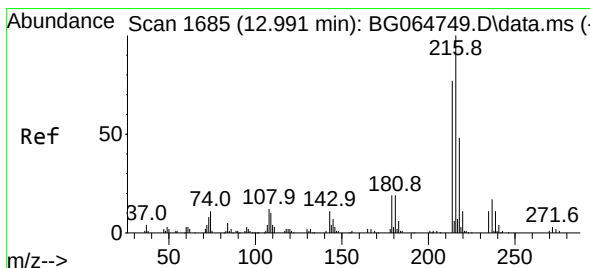
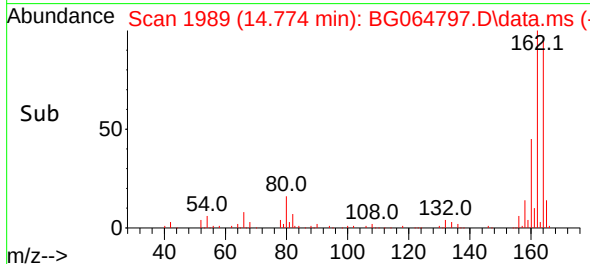
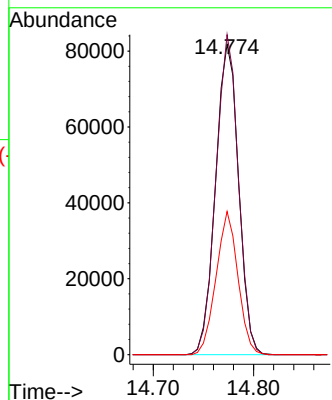
Tgt Ion:164 Resp: 130879
Ion Ratio Lower Upper
164 100
162 103.1 79.8 119.6
160 46.1 34.9 52.3

Manual Integrations
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Reviewed By :Jagrut
Upadhyay

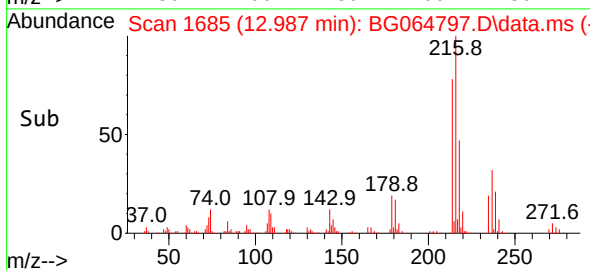
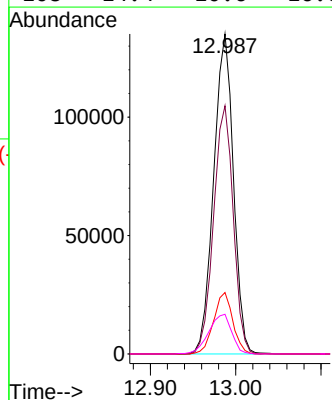
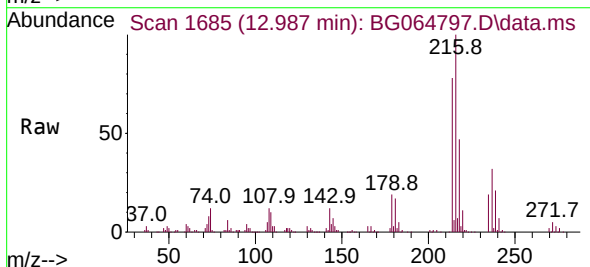
11/18/2025
Supervised By :Sohil
Jodhani

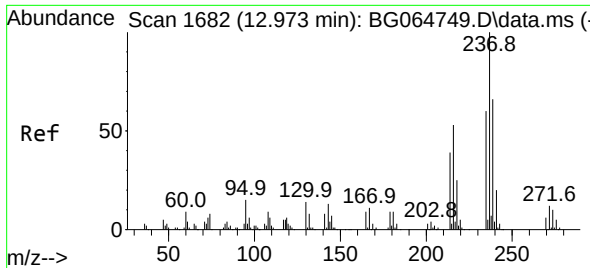
11/18/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.646 ng
RT: 12.987 min Scan# 1685
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

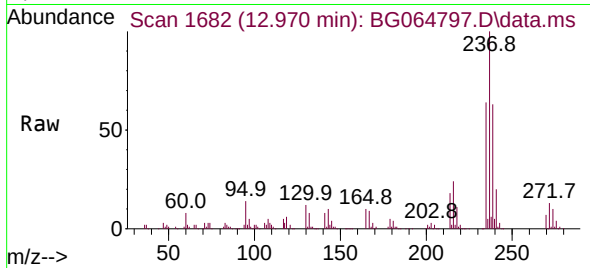
Tgt Ion:216 Resp: 217214
Ion Ratio Lower Upper
216 100
214 77.1 60.5 90.7
179 18.6 14.7 22.1
108 14.4 10.6 16.0





#41
Hexachlorocyclopentadiene
Concen: 80.056 ng
RT: 12.970 min Scan# 1682
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



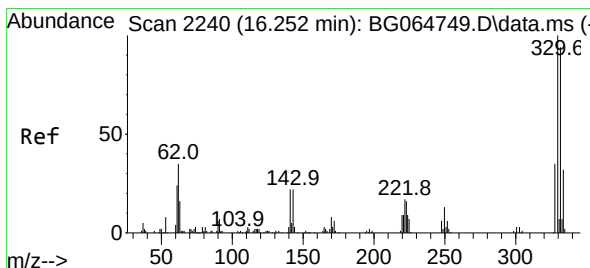
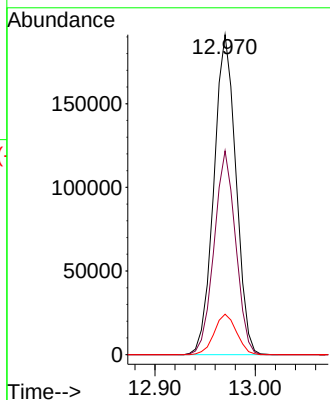
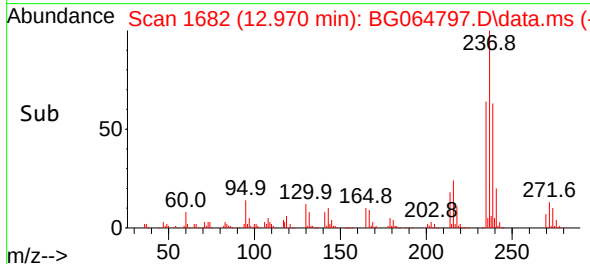
Tgt Ion:237 Resp: 292272
Ion Ratio Lower Upper
237 100
235 63.7 40.2 80.2
272 12.6 0.0 31.9

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Upadhyay

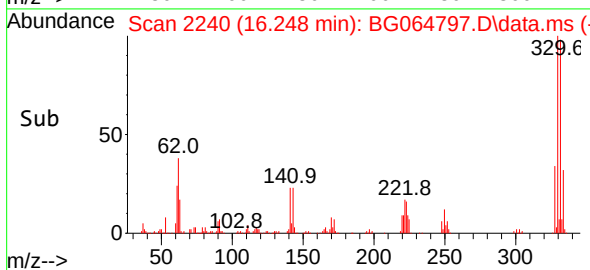
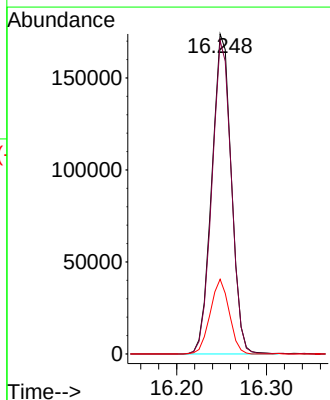
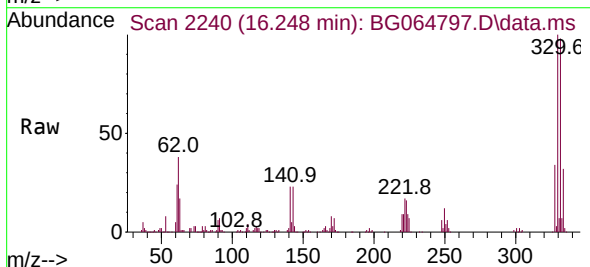
11/18/2025
Supervised By :Sohil
Jodhani

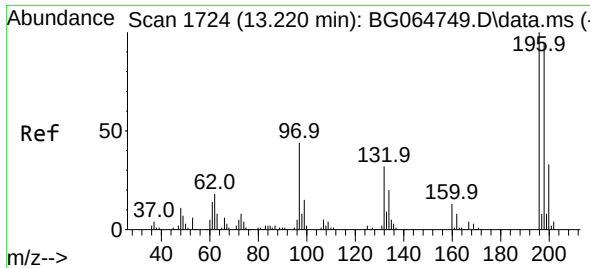
11/18/2025



#42
2,4,6-Tribromophenol
Concen: 103.598 ng
RT: 16.248 min Scan# 2240
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

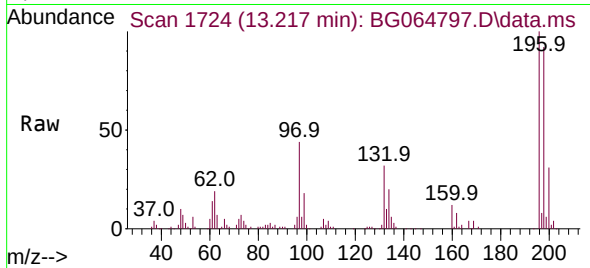
Tgt Ion:330 Resp: 264438
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 22.6 18.2 27.2





#43
2,4,6-Trichlorophenol
Concen: 46.460 ng
RT: 13.217 min Scan# 1724
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



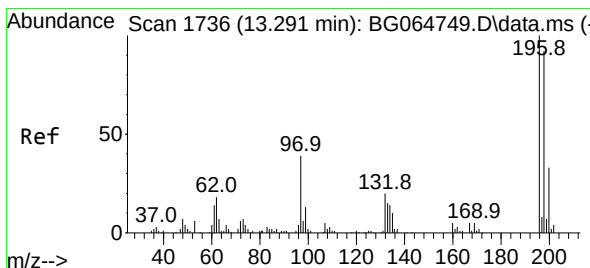
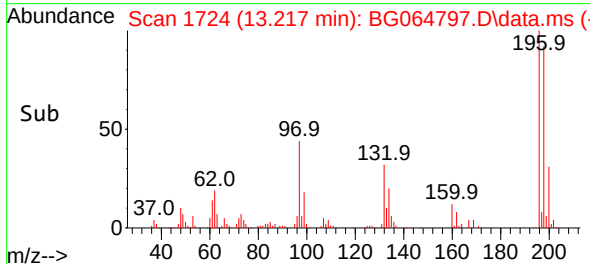
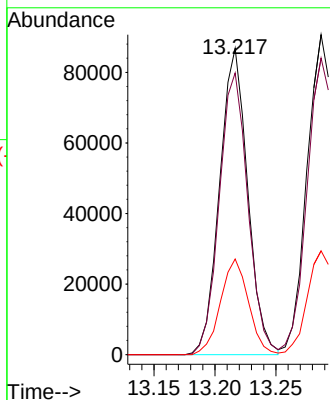
Tgt Ion:196 Resp: 138889
Ion Ratio Lower Upper
196 100
198 92.0 75.3 112.9
200 31.2 26.2 39.2

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Reviewed By :Jagrut
Upadhyay

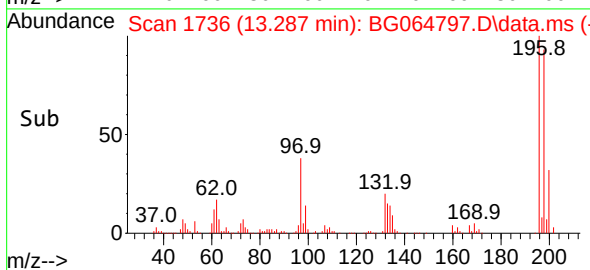
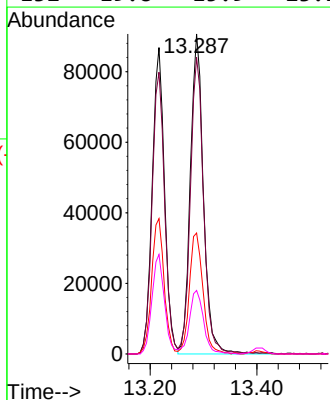
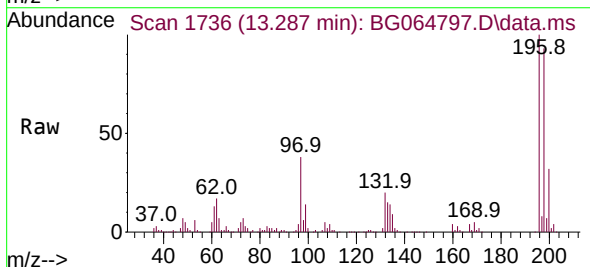
11/18/2025
Supervised By :Sohil
Jodhani

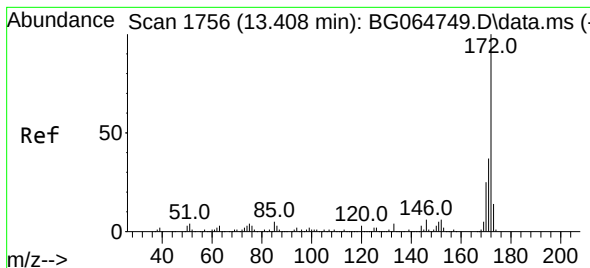
11/18/2025



#44
2,4,5-Trichlorophenol
Concen: 46.305 ng
RT: 13.287 min Scan# 1736
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

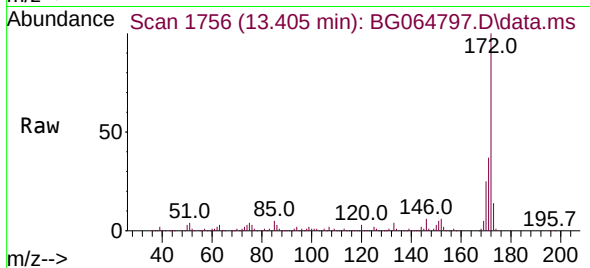
Tgt Ion:196 Resp: 155253
Ion Ratio Lower Upper
196 100
198 92.7 73.2 109.8
97 37.8 31.4 47.0
132 19.8 15.9 23.9





#45
2-Fluorobiphenyl
Concen: 64.153 ng
RT: 13.405 min Scan# 1756
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



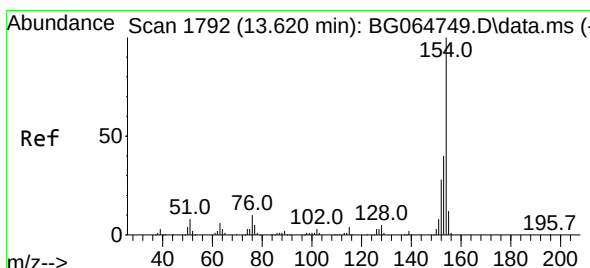
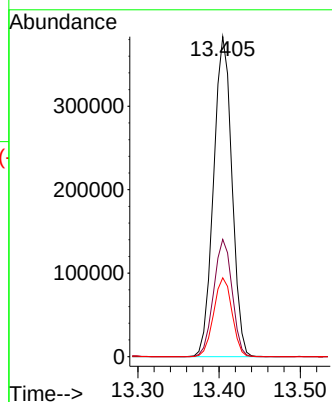
Tgt Ion:172 Resp: 601736
Ion Ratio Lower Upper
172 100
171 36.6 29.9 44.9
170 24.6 19.8 29.6

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Reviewed By :Jagrut
Upadhyay

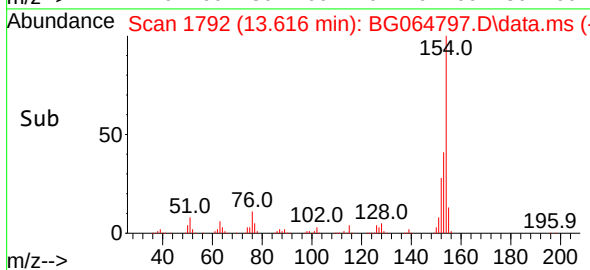
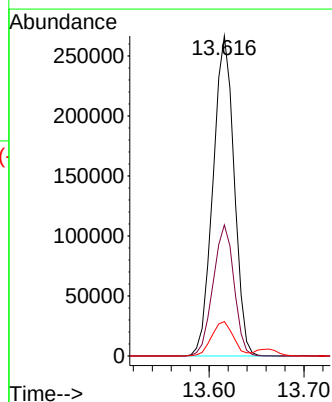
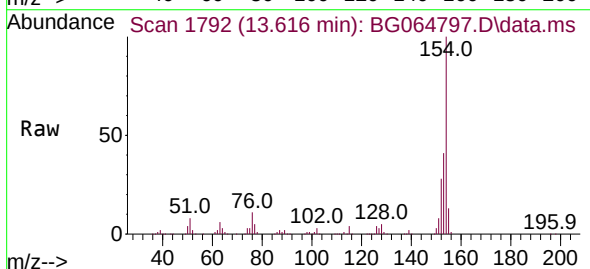
11/18/2025
Supervised By :Sohil
Jodhani

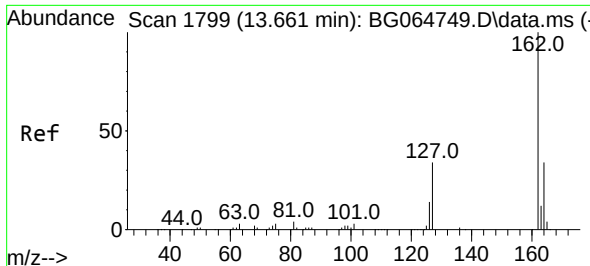
11/18/2025



#46
1,1'-Biphenyl
Concen: 43.854 ng
RT: 13.616 min Scan# 1792
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

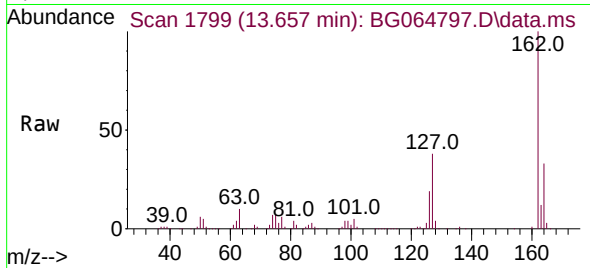
Tgt Ion:154 Resp: 412233
Ion Ratio Lower Upper
154 100
153 40.9 19.8 59.8
76 10.7 0.0 30.0





#47
2-Chloronaphthalene
Concen: 42.836 ng
RT: 13.657 min Scan# 1799
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



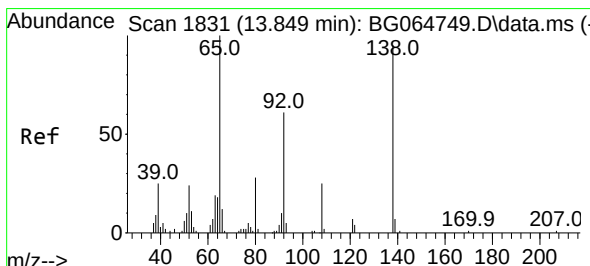
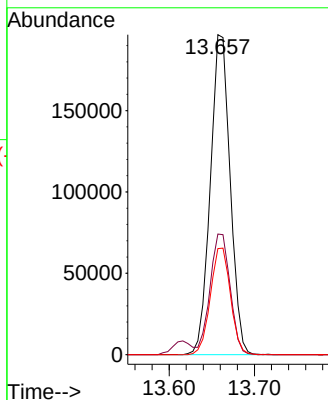
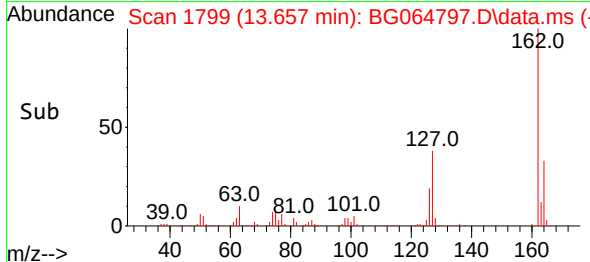
Tgt Ion:162 Resp: 317228
Ion Ratio Lower Upper
162 100
127 37.7 30.3 45.5
164 33.2 26.8 40.2

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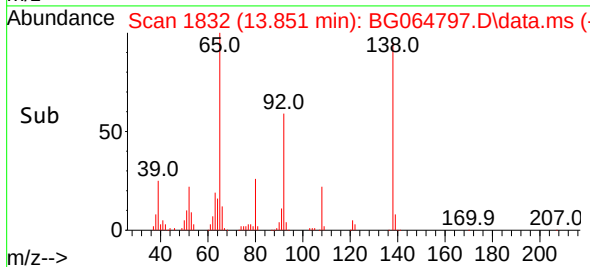
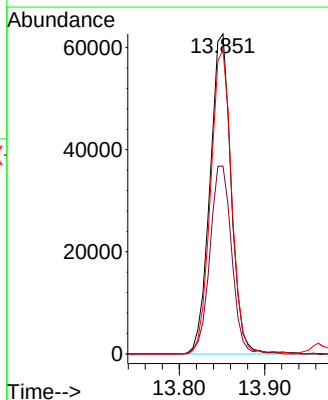
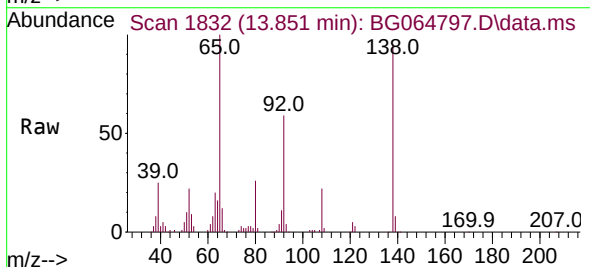
11/18/2025
Supervised By :Sohil
Jodhani

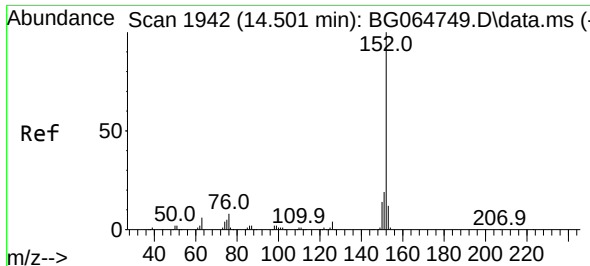
11/18/2025



#48
2-Nitroaniline
Concen: 45.087 ng
RT: 13.851 min Scan# 1832
Delta R.T. 0.002 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

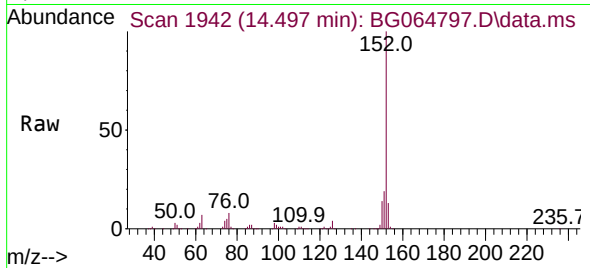
Tgt Ion: 65 Resp: 107396
Ion Ratio Lower Upper
65 100
92 58.7 48.6 73.0
138 95.2 76.4 114.6





#49
Acenaphthylene
Concen: 43.939 ng
RT: 14.497 min Scan# 1942
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



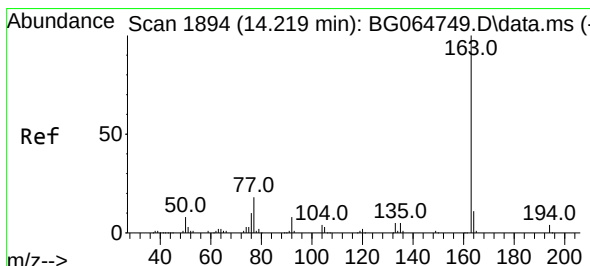
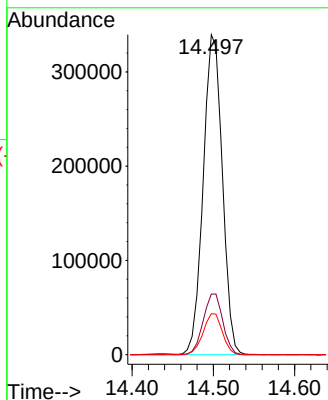
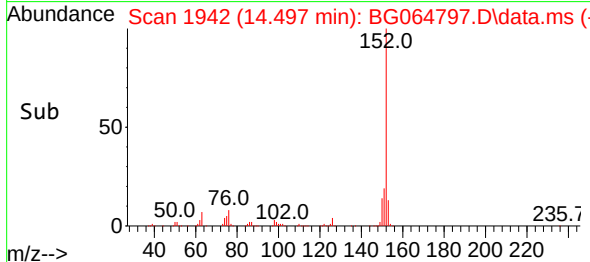
Tgt Ion:152 Resp: 555917
Ion Ratio Lower Upper
152 100
151 18.9 15.0 22.4
153 12.8 9.9 14.9

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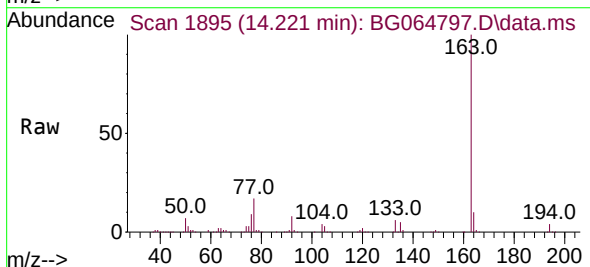
Reviewed By :Jagrut
Upadhyay

11/18/2025
Supervised By :Sohil
Jodhani

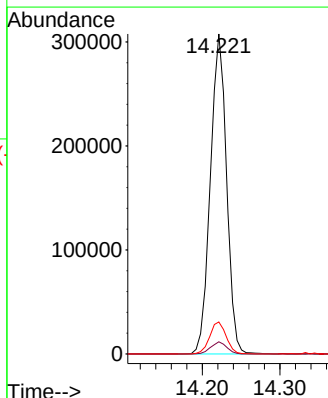
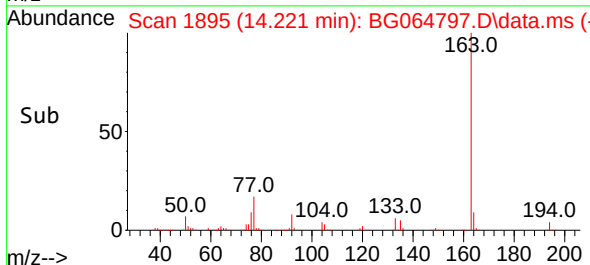
11/18/2025

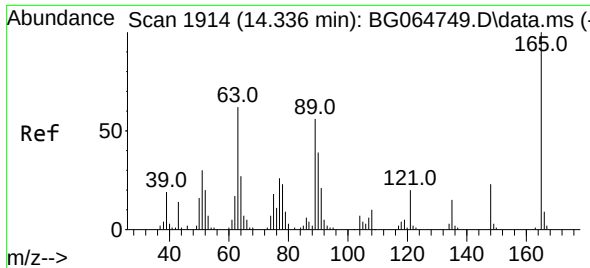


#50
Dimethylphthalate
Concen: 43.129 ng
RT: 14.221 min Scan# 1895
Delta R.T. 0.002 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31



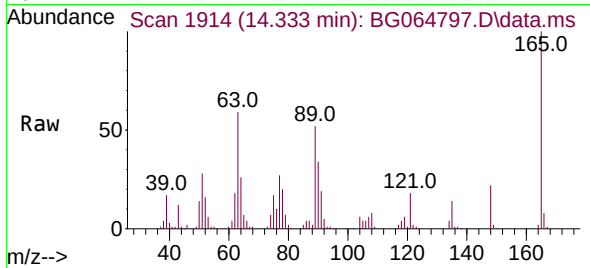
Tgt Ion:163 Resp: 445893
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.0 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 47.870 ng
RT: 14.333 min Scan# 1914
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



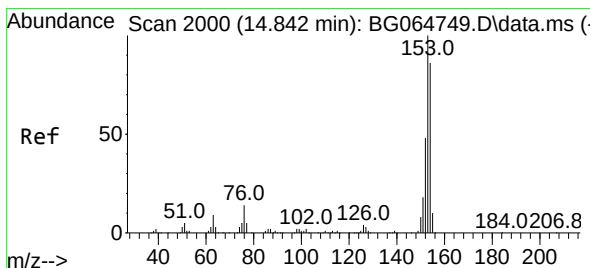
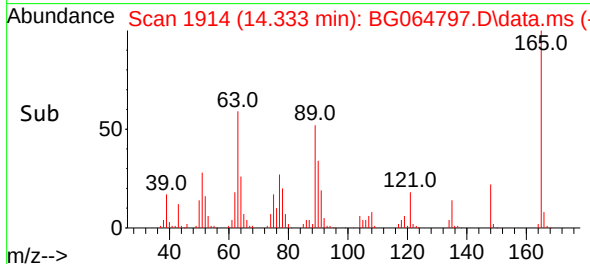
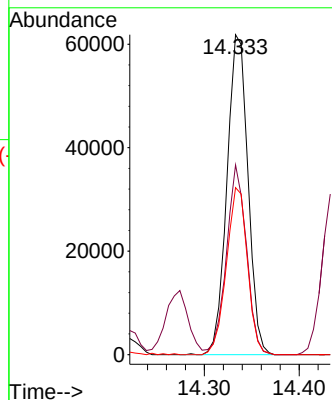
Tgt Ion:165 Resp: 95233
Ion Ratio Lower Upper
165 100
63 59.3 49.8 74.8
89 52.2 45.0 67.4

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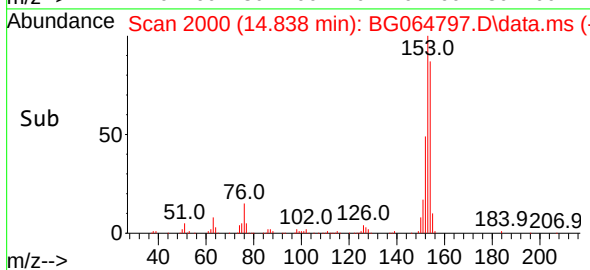
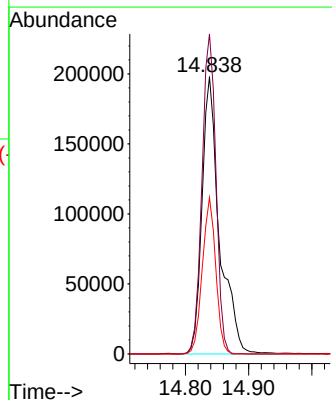
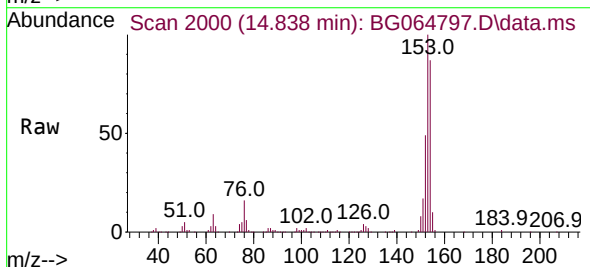
11/18/2025
Supervised By :Sohil
Jodhani

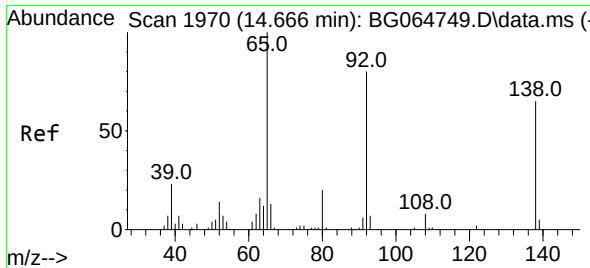
11/18/2025



#52
Acenaphthene
Concen: 50.224 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

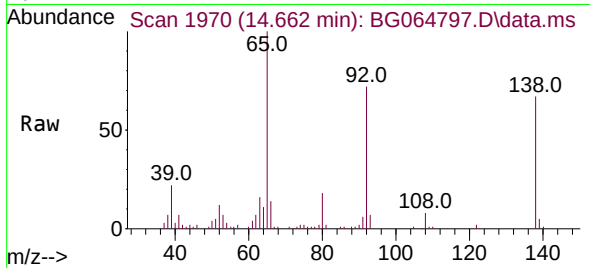
Tgt Ion:154 Resp: 380997
Ion Ratio Lower Upper
154 100
153 115.4 93.0 139.4
152 56.4 44.4 66.6





#53
3-Nitroaniline
Concen: 19.950 ng
RT: 14.662 min Scan# 1970
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



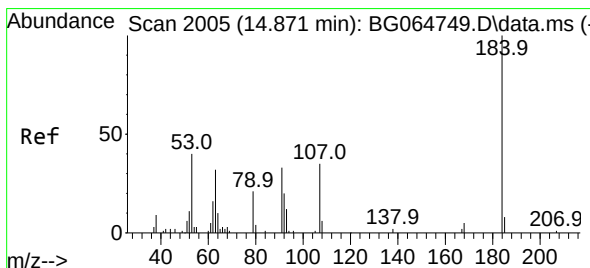
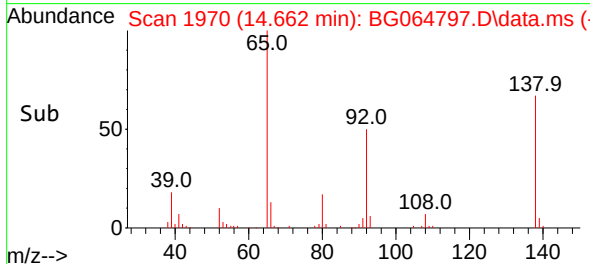
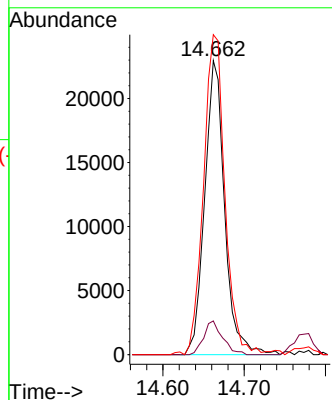
Tgt Ion:138 Resp: 3917
Ion Ratio Lower Upper
138 100
108 11.4 9.5 14.3
92 108.8 99.0 148.4

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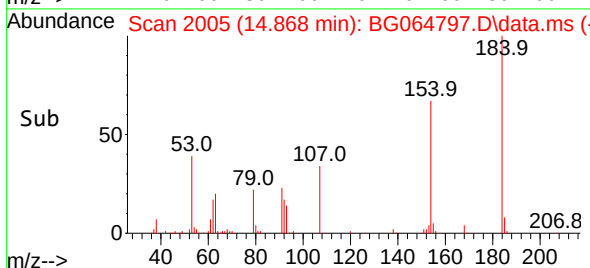
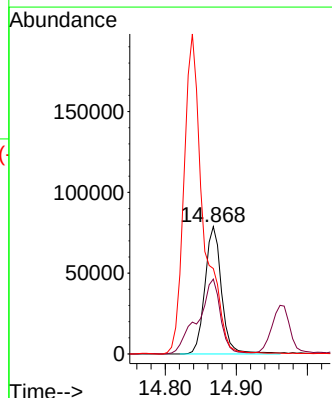
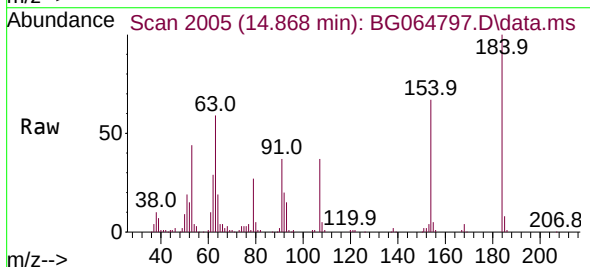
11/18/2025
Supervised By :Sohil
Jodhani

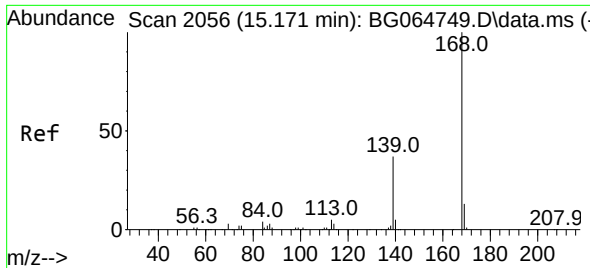
11/18/2025



#54
2,4-Dinitrophenol
Concen: 92.027 ng
RT: 14.868 min Scan# 2005
Delta R.T. -0.003 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

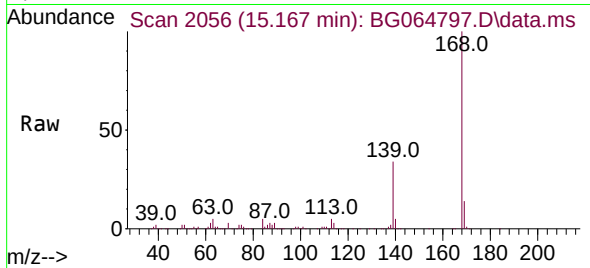
Tgt Ion:184 Resp: 127379
Ion Ratio Lower Upper
184 100
63 58.8 45.8 68.6
154 67.1 52.6 78.8





#55
Dibenzenofuran
Concen: 42.697 ng
RT: 15.167 min Scan# 2056
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



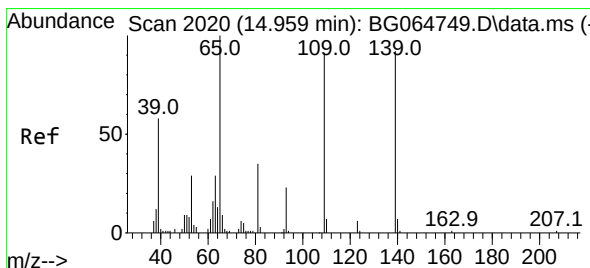
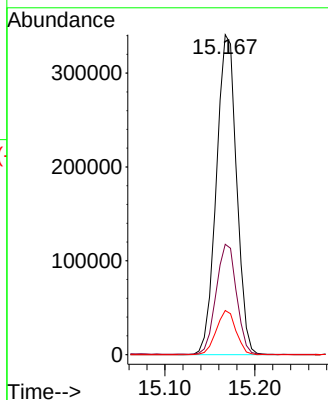
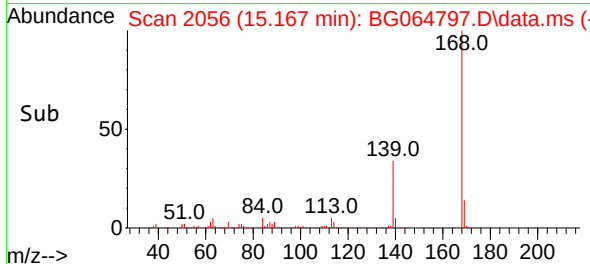
Tgt Ion:168 Resp: 535479
Ion Ratio Lower Upper
168 100
139 34.5 29.5 44.3
169 13.8 10.4 15.6

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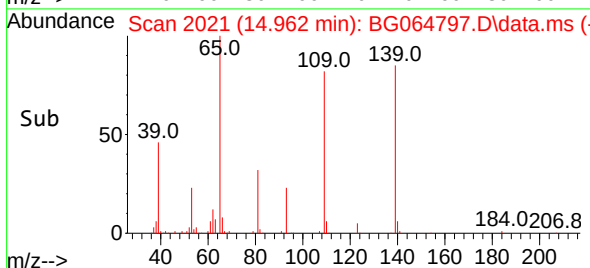
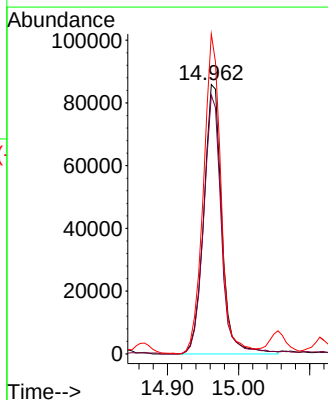
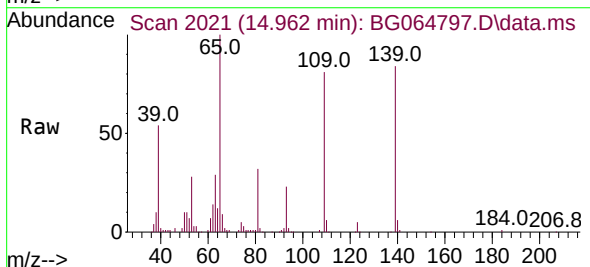
11/18/2025
Supervised By :Sohil
Jodhani

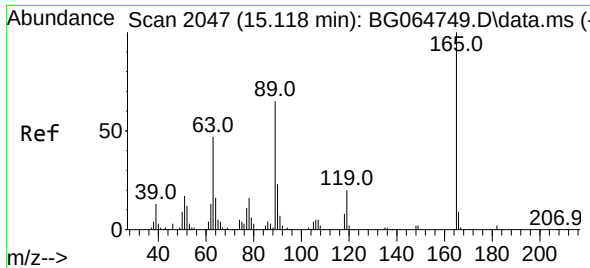
11/18/2025



#56
4-Nitrophenol
Concen: 97.051 ng
RT: 14.962 min Scan# 2021
Delta R.T. 0.002 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

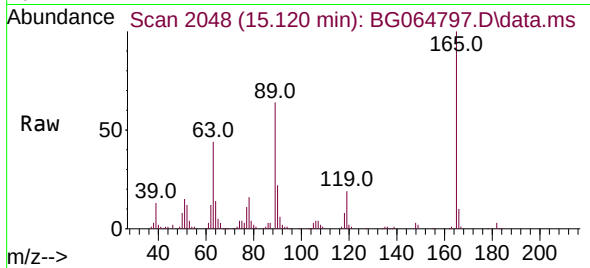
Tgt Ion:139 Resp: 151190
Ion Ratio Lower Upper
139 100
109 96.1 79.7 119.7
65 118.8 89.9 129.9





#57
2,4-Dinitrotoluene
Concen: 45.847 ng
RT: 15.120 min Scan# 2048
Delta R.T. 0.002 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



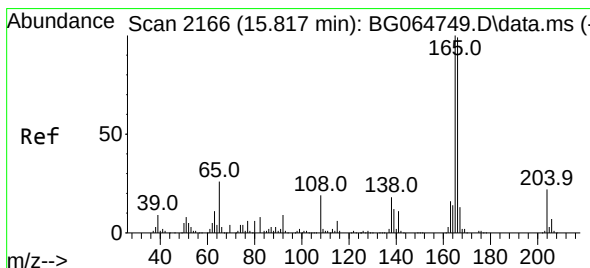
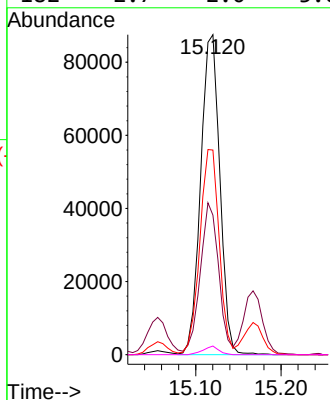
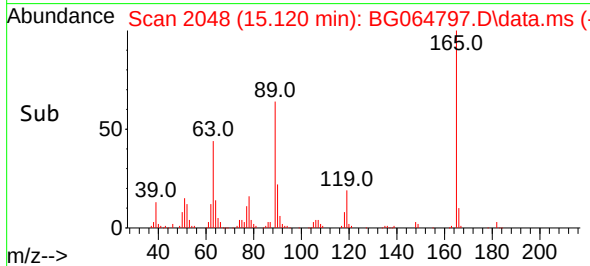
Tgt Ion:165 Resp: 136738
Ion Ratio Lower Upper
165 100
63 43.6 37.8 56.6
89 63.9 51.6 77.4
182 2.7 2.0 3.0

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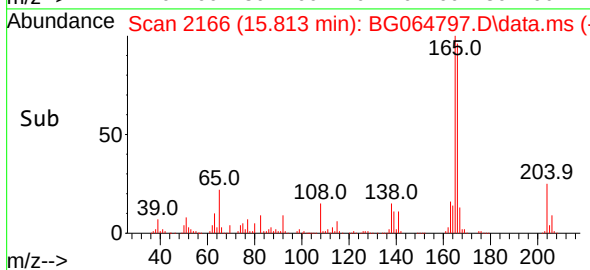
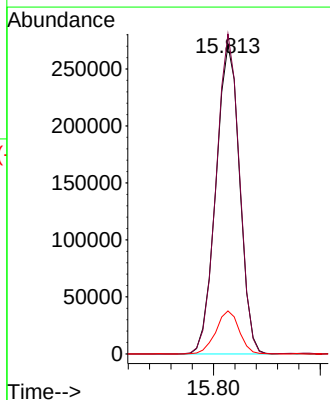
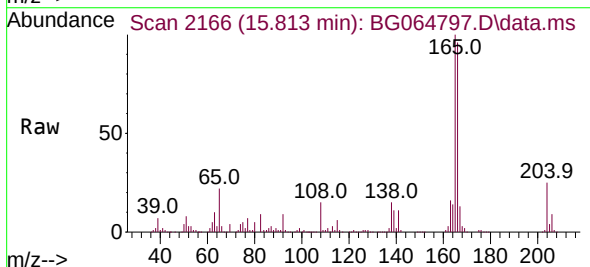
11/18/2025
Supervised By :Sohil
Jodhani

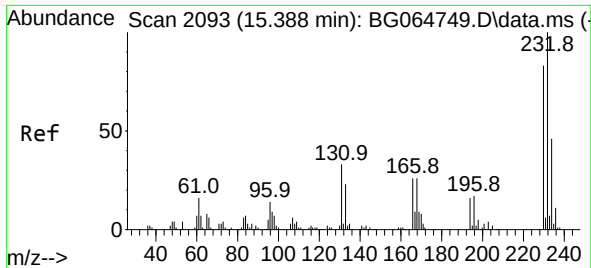
11/18/2025



#58
Fluorene
Concen: 42.693 ng
RT: 15.813 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

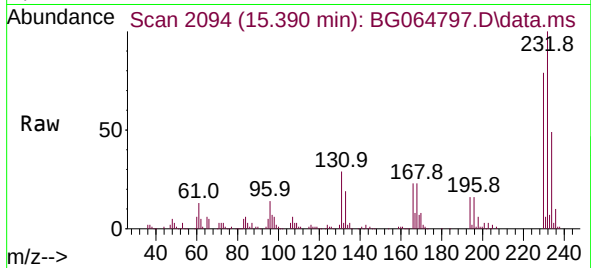
Tgt Ion:166 Resp: 419937
Ion Ratio Lower Upper
166 100
165 103.7 80.5 120.7
167 13.9 10.3 15.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.368 ng
RT: 15.390 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



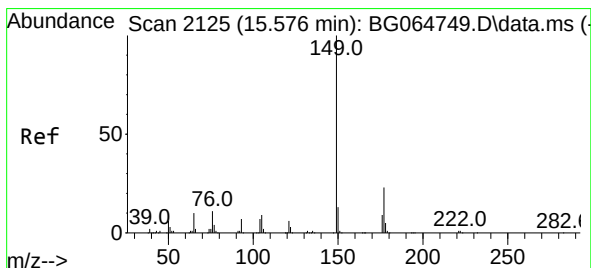
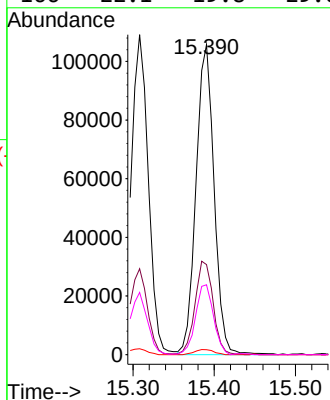
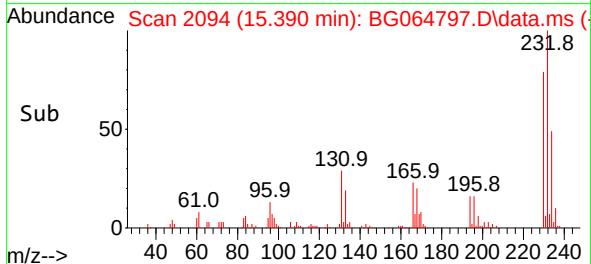
Tgt Ion:232 Resp: 163314
Ion Ratio Lower Upper
232 100
131 30.2 26.0 39.0
130 1.7 1.6 2.4
166 22.1 19.8 29.6

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Upadhyay

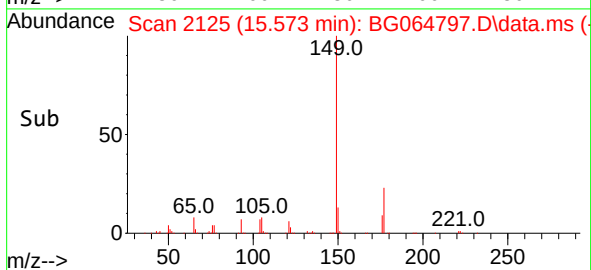
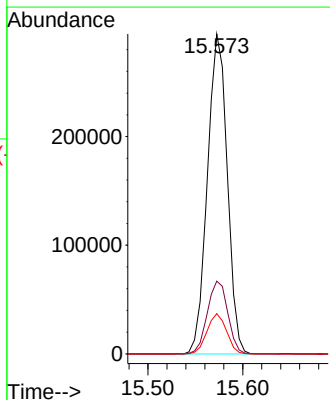
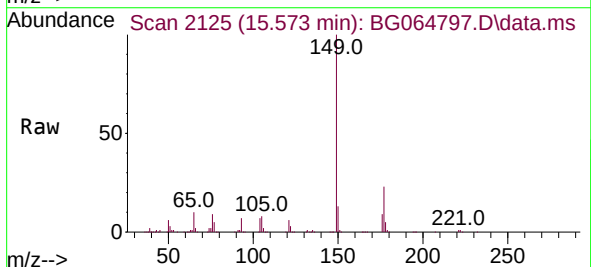
11/18/2025
Supervised By :Sohil
Jodhani

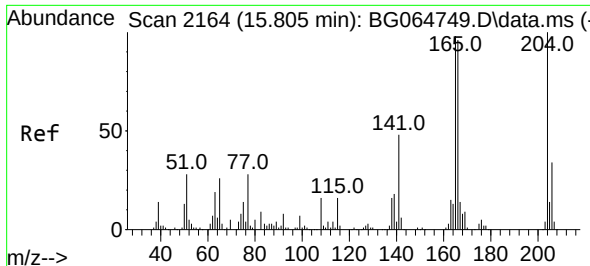
11/18/2025



#60
Diethylphthalate
Concen: 43.303 ng
RT: 15.573 min Scan# 2125
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

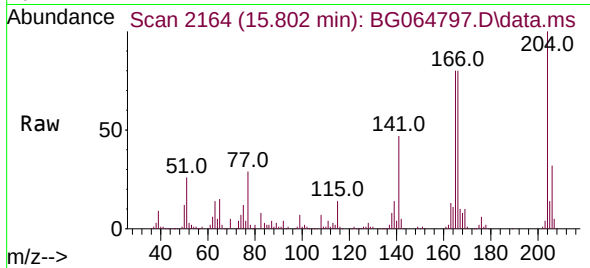
Tgt Ion:149 Resp: 428865
Ion Ratio Lower Upper
149 100
177 22.7 18.4 27.6
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.369 ng
RT: 15.802 min Scan# 2164
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



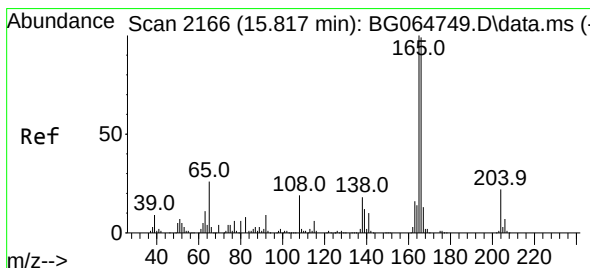
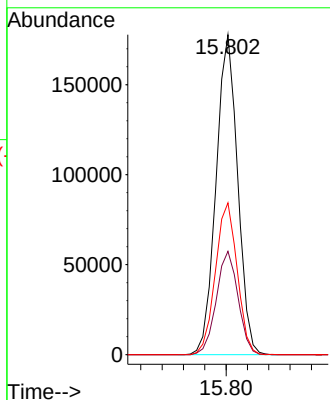
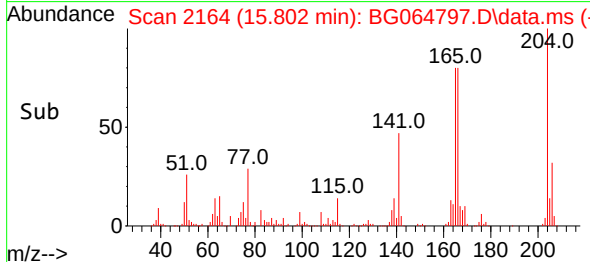
Tgt Ion:204 Resp: 250106
Ion Ratio Lower Upper
204 100
206 32.3 26.9 40.3
141 47.4 38.1 57.1

Manual Integrations
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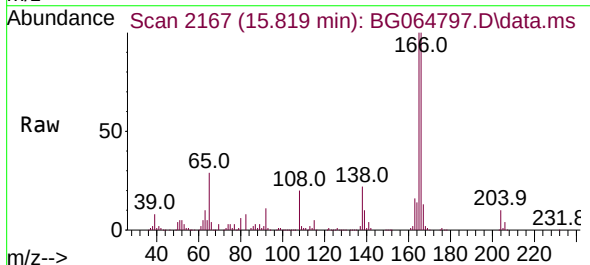
Reviewed By :Jagrut
Upadhyay

11/18/2025
Supervised By :Sohil
Jodhani

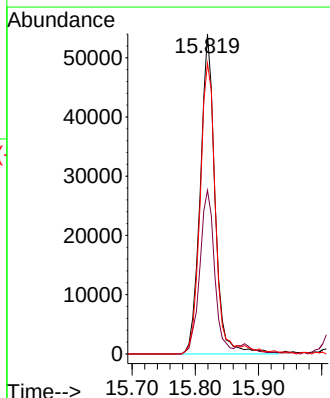
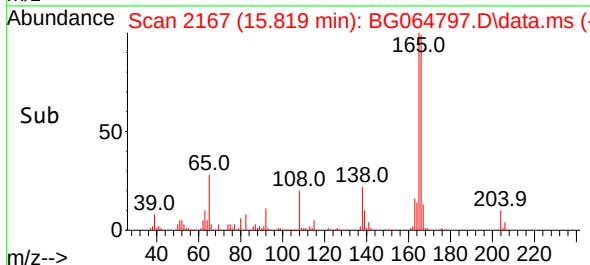
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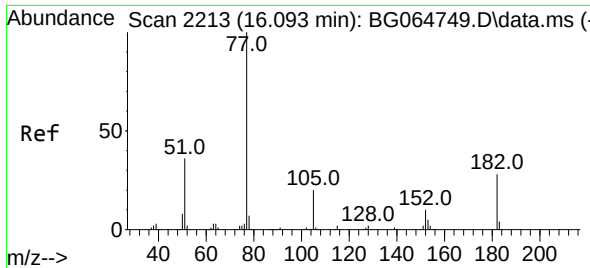


#62
4-Nitroaniline
Concen: 43.104 ng
RT: 15.819 min Scan# 2167
Delta R.T. 0.002 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31



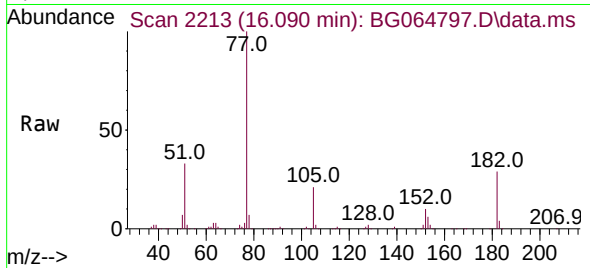
Tgt Ion:138 Resp: 87679
Ion Ratio Lower Upper
138 100
92 51.1 30.7 70.7
108 90.8 85.7 125.7





#63
Azobenzene
Concen: 48.715 ng
RT: 16.090 min Scan# 2213
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



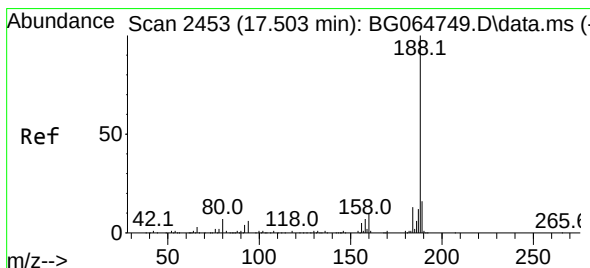
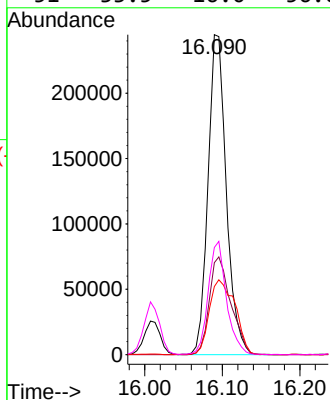
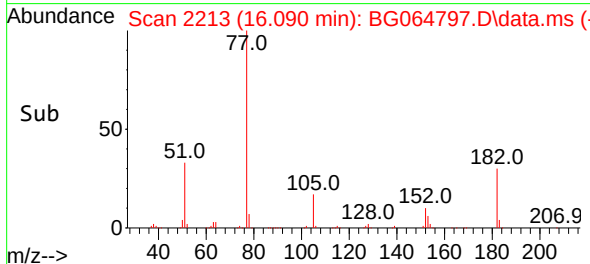
Tgt Ion: 77 Resp: 401300
Ion Ratio Lower Upper
77 100
182 28.7 8.1 48.1
105 21.3 0.1 40.1
51 33.5 16.0 56.0

Manual Integrations
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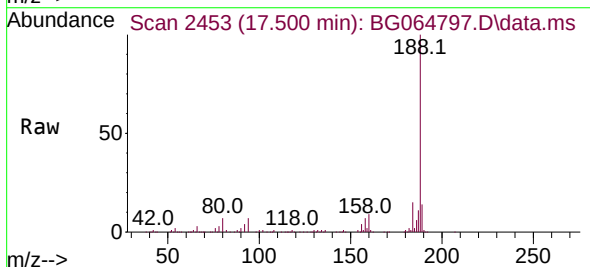
Reviewed By :Jagrut
Upadhyay

11/18/2025
Supervised By :Sohil
Jodhani

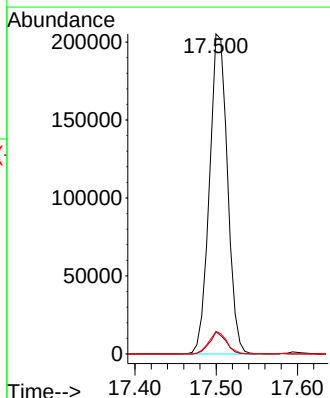
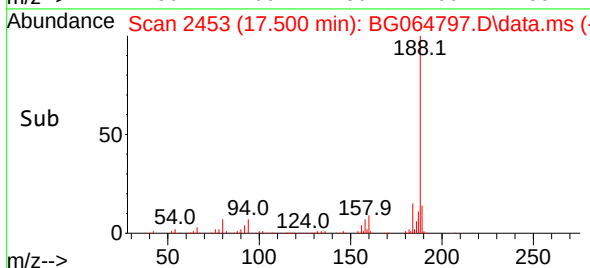
11/18/2025

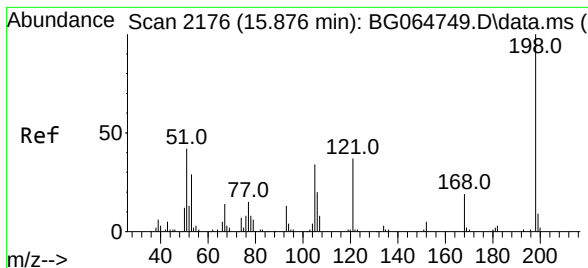


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.500 min Scan# 2453
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31



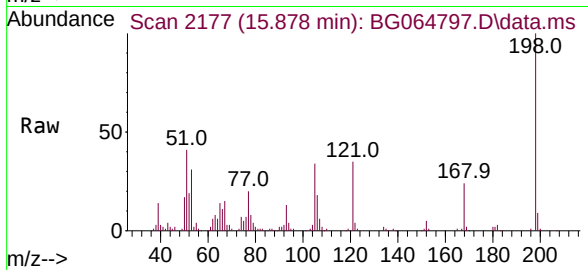
Tgt Ion:188 Resp: 316710
Ion Ratio Lower Upper
188 100
94 6.8 4.7 7.1
80 7.0 5.4 8.2





#65
4,6-Dinitro-2-methylphenol
Concen: 52.548 ng
RT: 15.878 min Scan# 2176
Delta R.T. 0.002 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



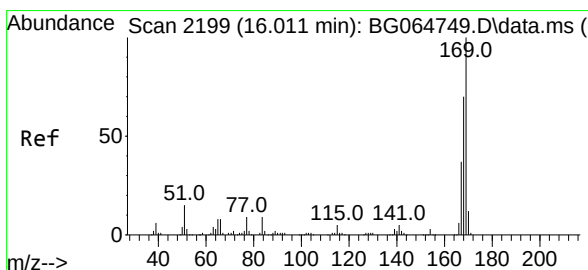
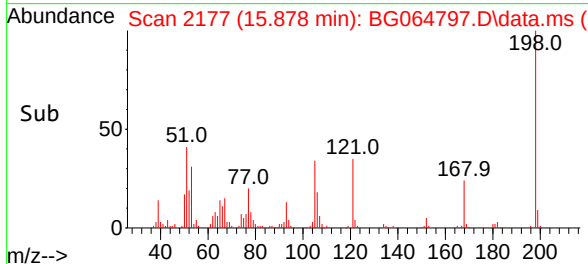
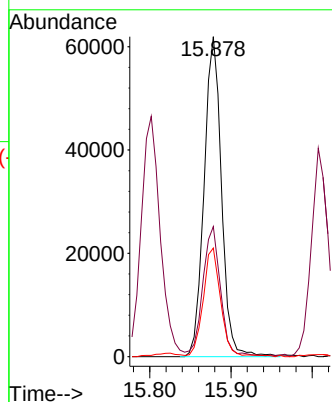
Tgt Ion:198 Resp: 92402
Ion Ratio Lower Upper
198 100
51 40.6 25.2 65.2
105 33.9 14.2 54.2

Manual Integrations
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Reviewed By :Jagrut
Upadhyay

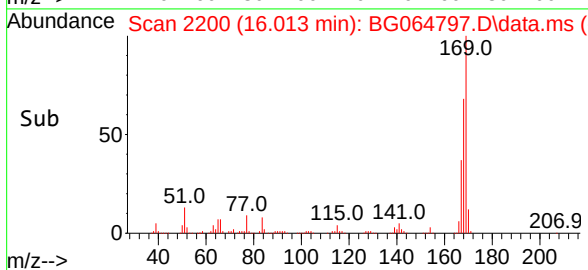
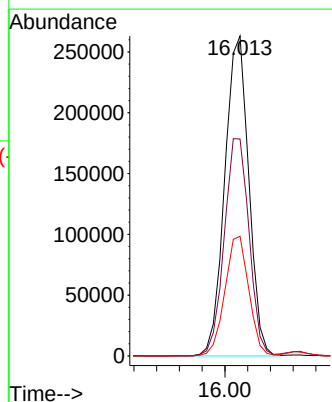
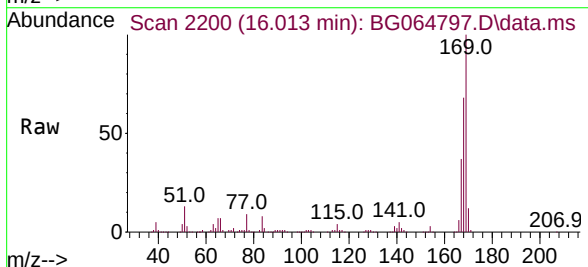
11/18/2025
Supervised By :Sohil
Jodhani

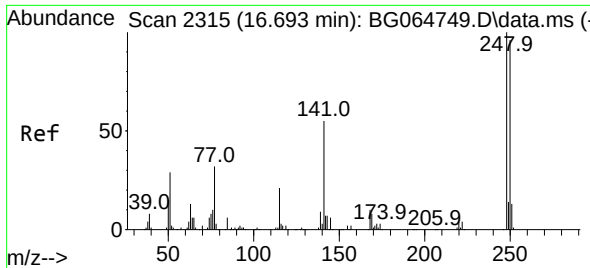
11/18/2025



#66
n-Nitrosodiphenylamine
Concen: 46.447 ng
RT: 16.013 min Scan# 2200
Delta R.T. 0.002 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

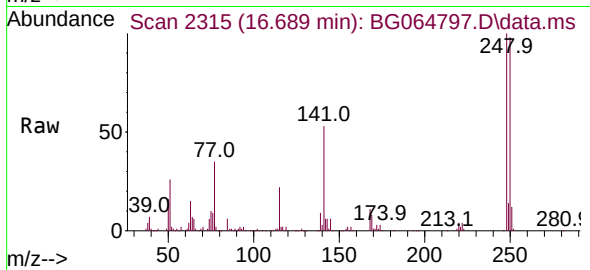
Tgt Ion:169 Resp: 385312
Ion Ratio Lower Upper
169 100
168 67.8 55.9 83.9
167 37.4 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 45.100 ng
RT: 16.689 min Scan# 2315
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



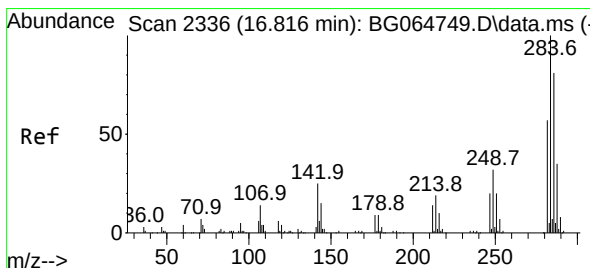
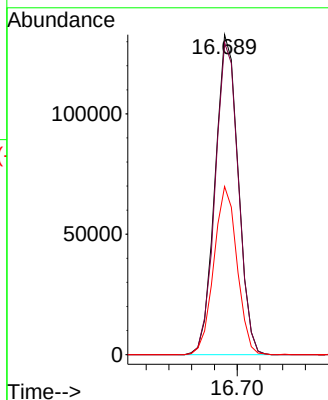
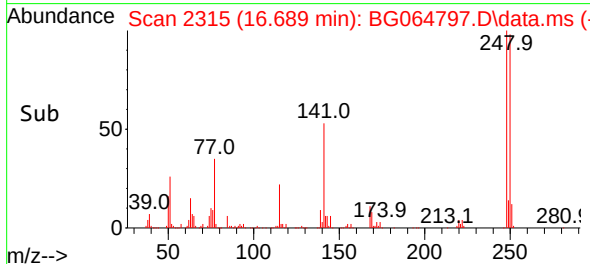
Tgt Ion:248 Resp: 187572
Ion Ratio Lower Upper
248 100
250 97.5 77.0 115.6
141 52.5 43.7 65.5

Manual Integrations
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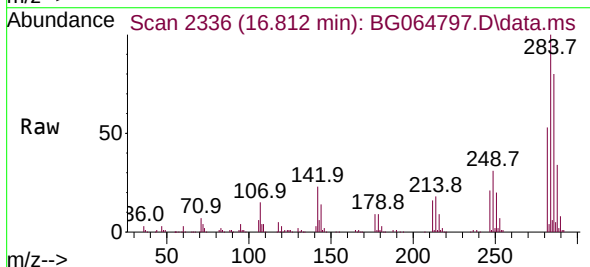
Reviewed By :Jagrut
Upadhyay

11/18/2025
Supervised By :Sohil
Jodhani

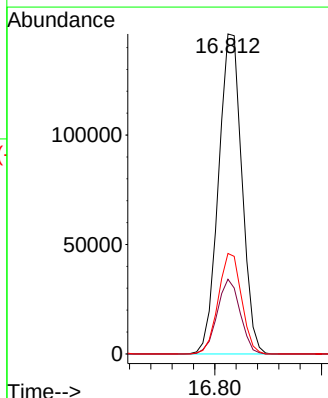
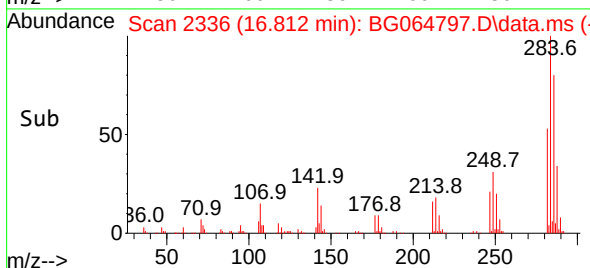
11/18/2025

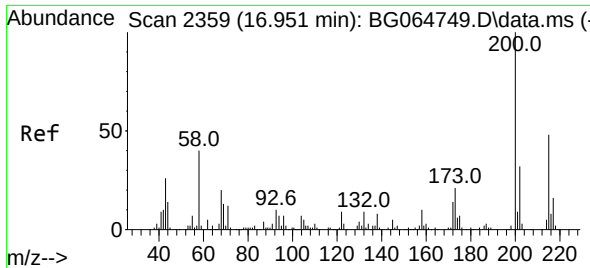


#68
Hexachlorobenzene
Concen: 44.179 ng
RT: 16.812 min Scan# 2336
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31



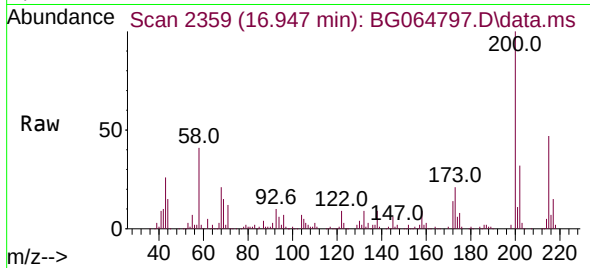
Tgt Ion:284 Resp: 222617
Ion Ratio Lower Upper
284 100
142 23.3 19.7 29.5
249 31.4 28.1 42.1





#69
 Atrazine
 Concen: 44.615 ng
 RT: 16.947 min Scan# 2359
 Delta R.T. -0.004 min
 Lab File: BG064797.D
 Acq: 17 Nov 2025 23:31

Instrument :
 BNA_G
 ClientSampleId :
 B3-0.0-0.5-20251114MSD



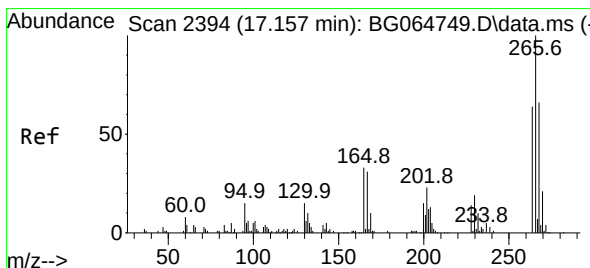
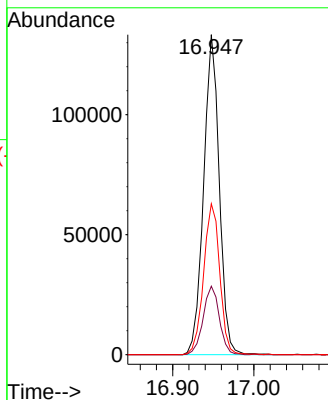
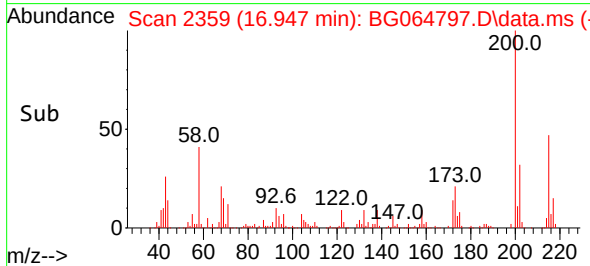
Tgt Ion:200 Resp: 17844
 Ion Ratio Lower Upper
 200 100
 173 21.4 0.9 40.9
 215 47.1 27.5 67.5

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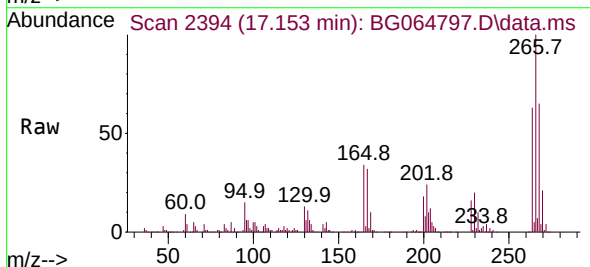
Reviewed By :Jagrut
 Upadhyay

11/18/2025
 Supervised By :Sohil
 Jodhani

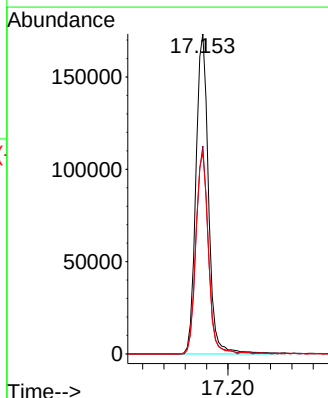
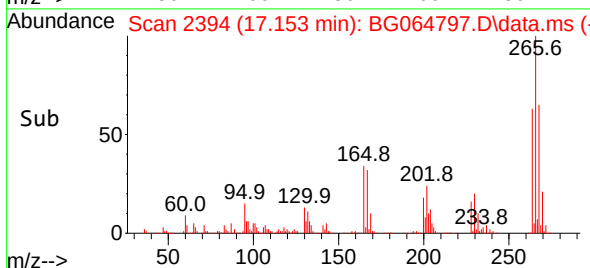
11/18/2025

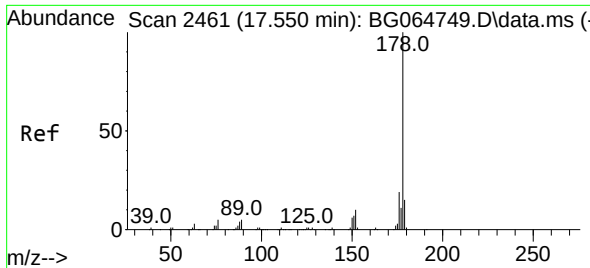


#70
 Pentachlorophenol
 Concen: 93.741 ng
 RT: 17.153 min Scan# 2394
 Delta R.T. -0.004 min
 Lab File: BG064797.D
 Acq: 17 Nov 2025 23:31



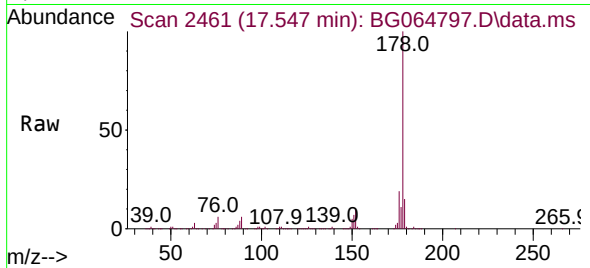
Tgt Ion:266 Resp: 282935
 Ion Ratio Lower Upper
 266 100
 268 69.5 56.1 84.1
 264 62.8 51.2 76.8





#71
Phenanthrene
Concen: 43.985 ng
RT: 17.547 min Scan# 2461
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



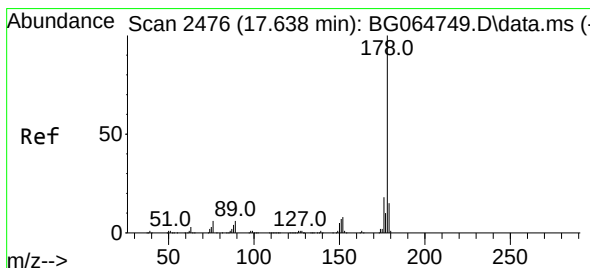
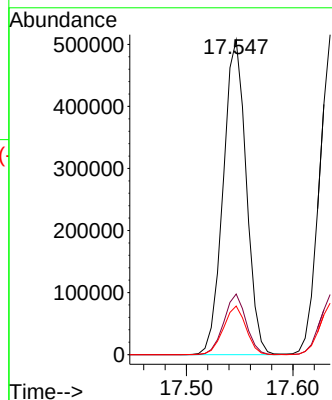
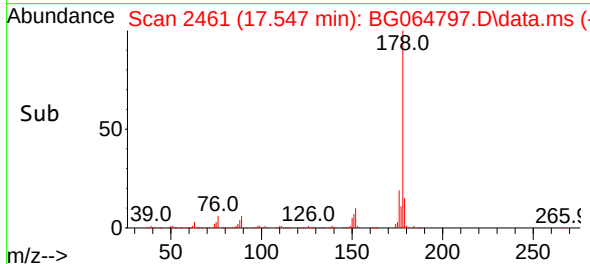
Tgt Ion:178 Resp: 762183
Ion Ratio Lower Upper
178 100
176 19.3 14.8 22.2
179 15.4 12.2 18.4

Manual Integrations
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Reviewed By :Jagrut
Upadhyay

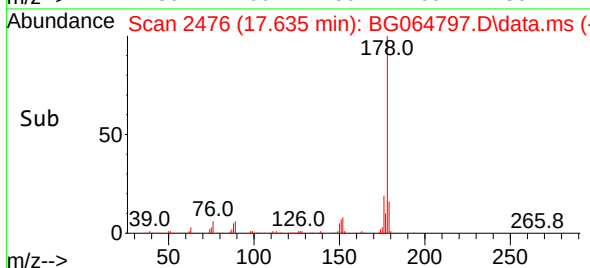
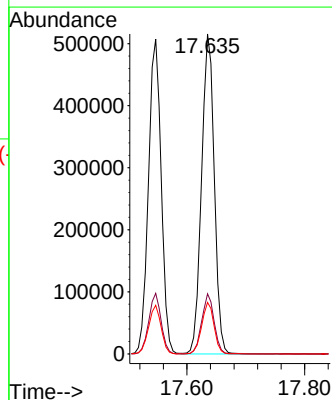
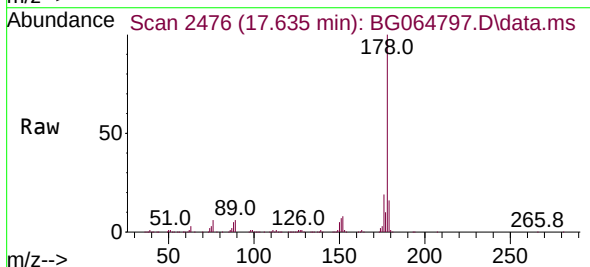
11/18/2025
Supervised By :Sohil
Jodhani

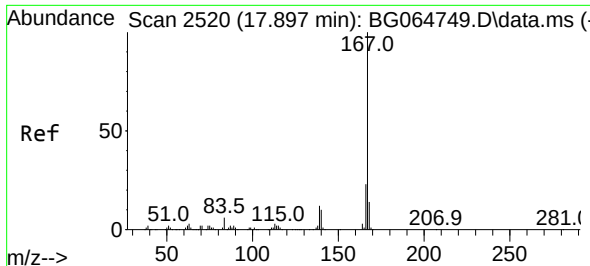
11/18/2025



#72
Anthracene
Concen: 43.846 ng
RT: 17.635 min Scan# 2476
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

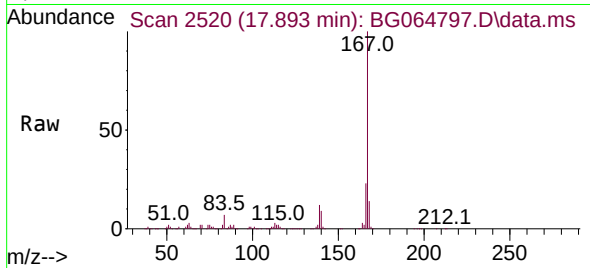
Tgt Ion:178 Resp: 774717
Ion Ratio Lower Upper
178 100
176 18.8 14.5 21.7
179 16.1 12.2 18.4





#73
 Carbazole
 Concen: 44.034 ng
 RT: 17.893 min Scan# 2520
 Delta R.T. -0.004 min
 Lab File: BG064797.D
 Acq: 17 Nov 2025 23:31

Instrument :
 BNA_G
 ClientSampleId :
 B3-0.0-0.5-20251114MSD



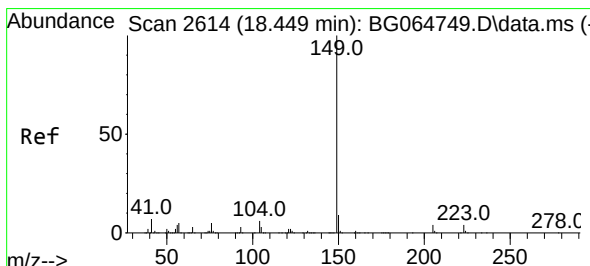
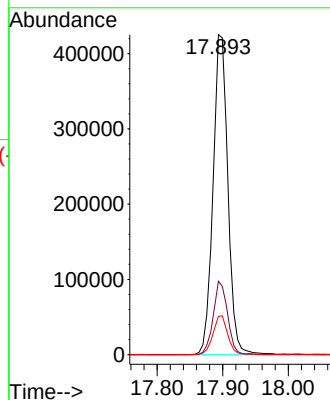
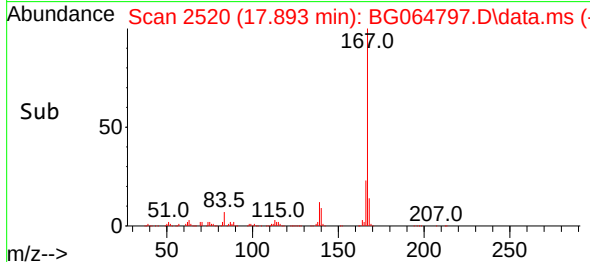
Tgt Ion:167 Resp: 66885
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.0 27.0
 139 12.0 9.7 14.5

Manual Integrations
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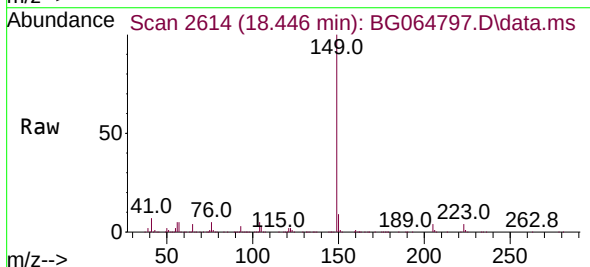
Reviewed By :Jagrut
 Upadhyay

11/18/2025
 Supervised By :Sohil
 Jodhani

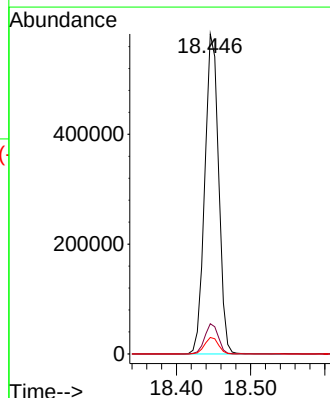
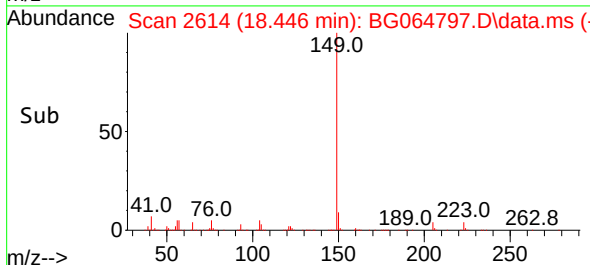
11/18/2025

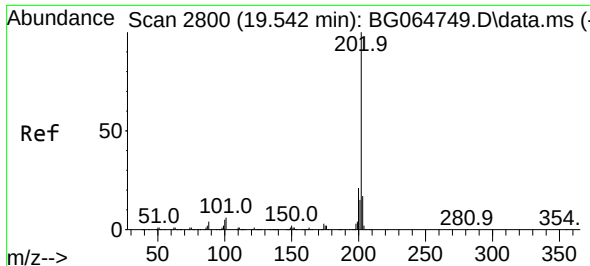


#74
 Di-n-butylphthalate
 Concen: 44.454 ng
 RT: 18.446 min Scan# 2614
 Delta R.T. -0.004 min
 Lab File: BG064797.D
 Acq: 17 Nov 2025 23:31



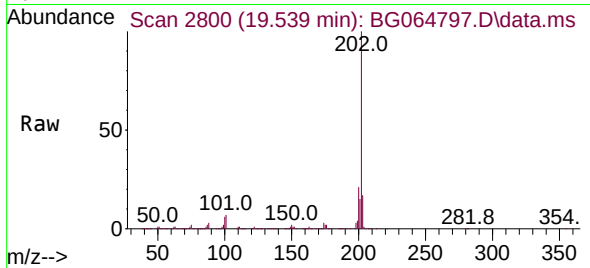
Tgt Ion:149 Resp: 753338
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.1 4.4 6.6





#75
Fluoranthene
Concen: 41.618 ng
RT: 19.539 min Scan# 2800
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



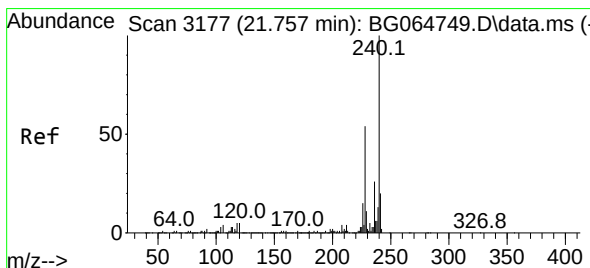
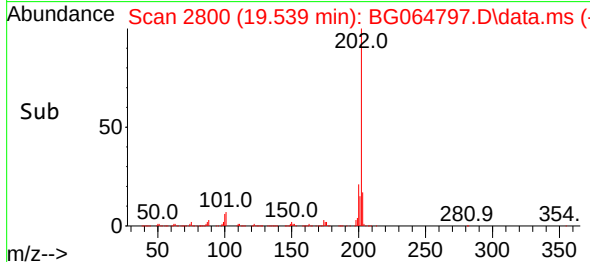
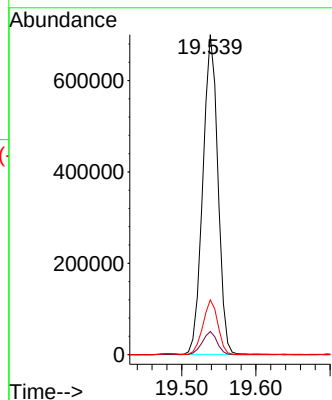
Tgt Ion:202 Resp: 986166
Ion Ratio Lower Upper
202 100
101 7.2 0.0 26.4
203 17.1 0.0 37.5

Manual Integrations
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Reviewed By :Jagrut
Upadhyay

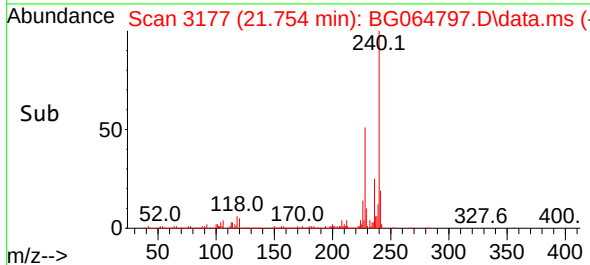
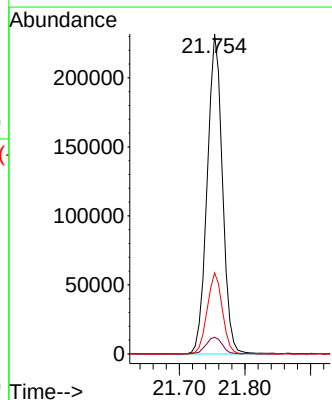
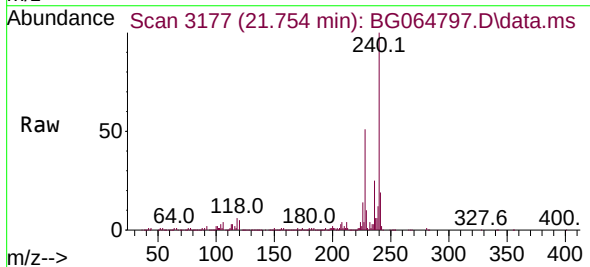
11/18/2025
Supervised By :Sohil
Jodhani

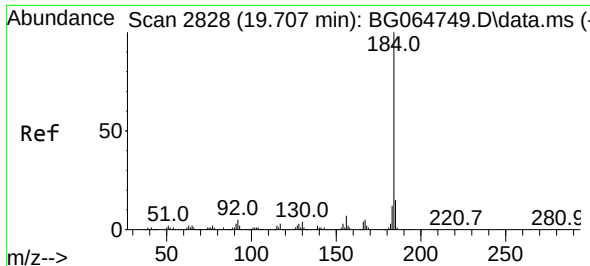
11/18/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.754 min Scan# 3177
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

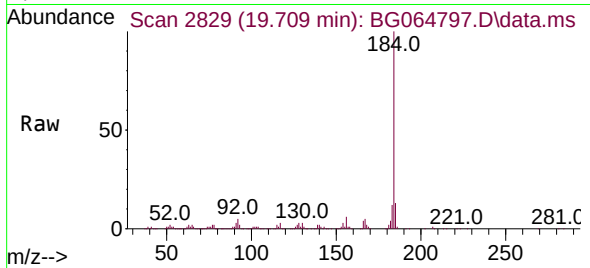
Tgt Ion:240 Resp: 371983
Ion Ratio Lower Upper
240 100
120 5.2 4.2 6.4
236 25.3 20.8 31.2





#77
Benzidine
Concen: 36.305 ng
RT: 19.709 min Scan# 2828
Delta R.T. 0.002 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



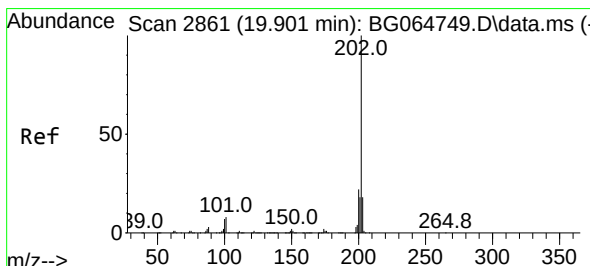
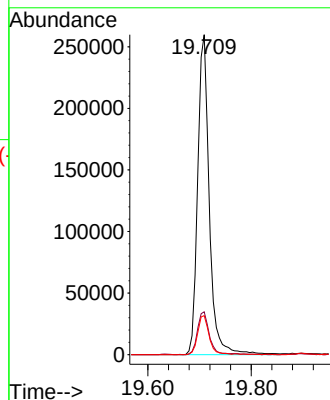
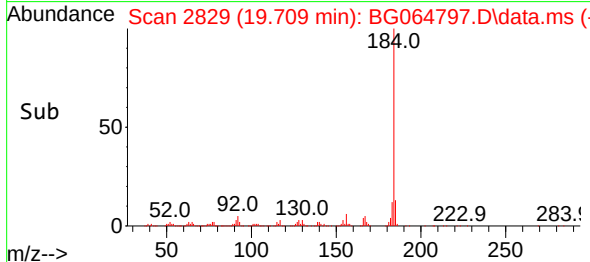
Tgt Ion:184 Resp: 404443
Ion Ratio Lower Upper
184 100
185 13.4 11.8 17.6
183 12.2 9.8 14.6

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Reviewed By :Jagrut
Upadhyay

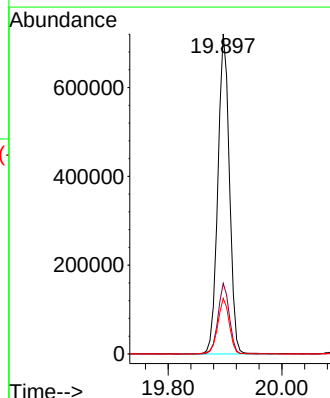
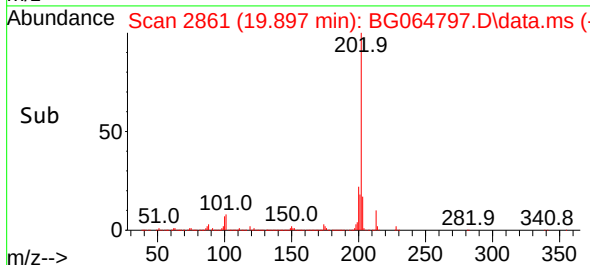
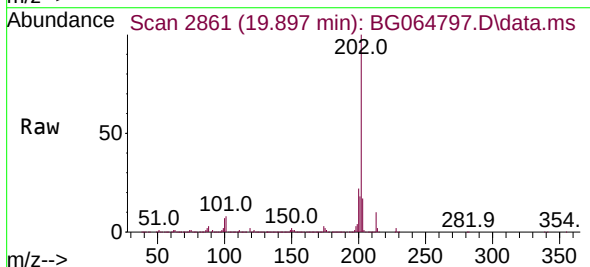
11/18/2025
Supervised By :Sohil
Jodhani

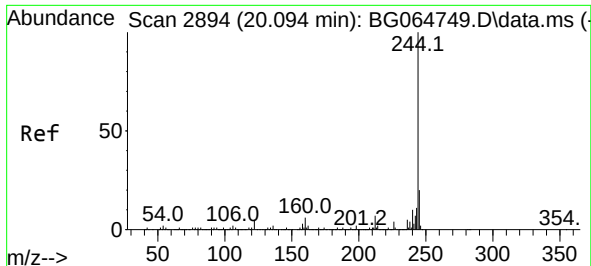
11/18/2025



#78
Pyrene
Concen: 48.720 ng
RT: 19.897 min Scan# 2861
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

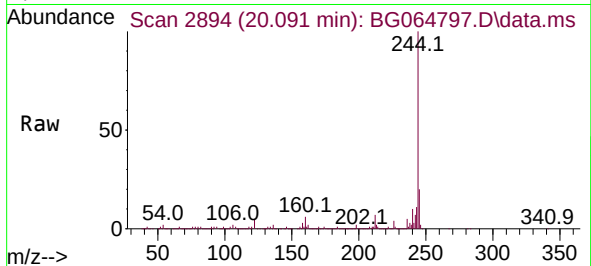
Tgt Ion:202 Resp: 1015709
Ion Ratio Lower Upper
202 100
200 22.0 17.9 26.9
203 17.3 14.0 21.0





#79
 Terphenyl-d14
 Concen: 72.160 ng
 RT: 20.091 min Scan# 2894
 Delta R.T. -0.004 min
 Lab File: BG064797.D
 Acq: 17 Nov 2025 23:31

Instrument :
 BNA_G
 ClientSampleId :
 B3-0.0-0.5-20251114MSD



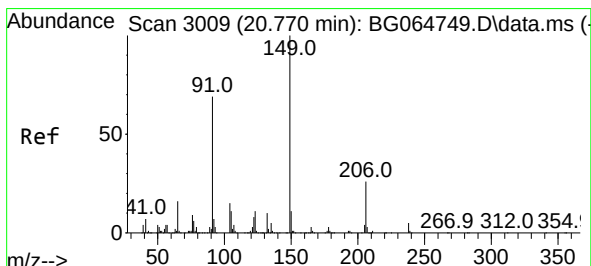
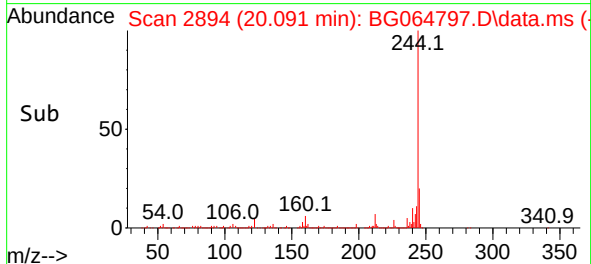
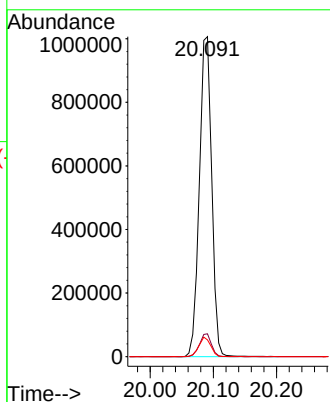
Tgt Ion:244 Resp: 1364576
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 5.2 4.3 6.5

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 Upadhyay

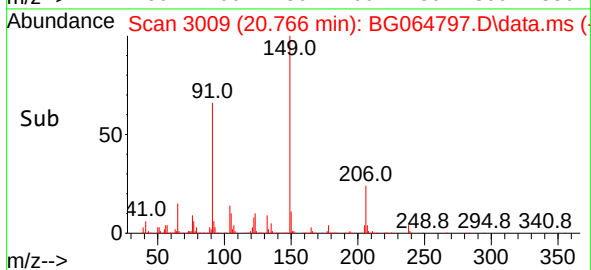
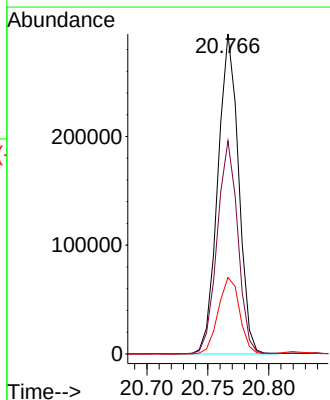
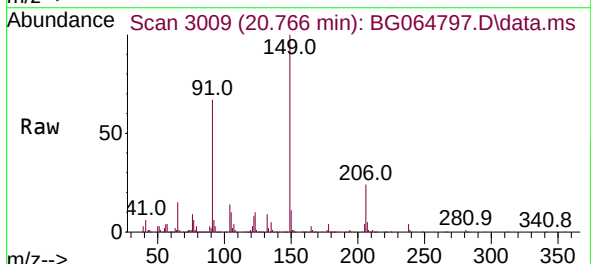
11/18/2025
 Supervised By :Sohil
 Jodhani

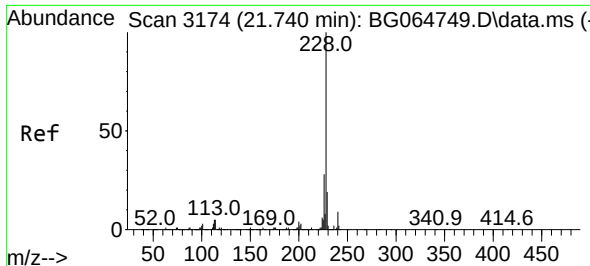
11/18/2025



#80
 Butylbenzylphthalate
 Concen: 47.447 ng
 RT: 20.766 min Scan# 3009
 Delta R.T. -0.004 min
 Lab File: BG064797.D
 Acq: 17 Nov 2025 23:31

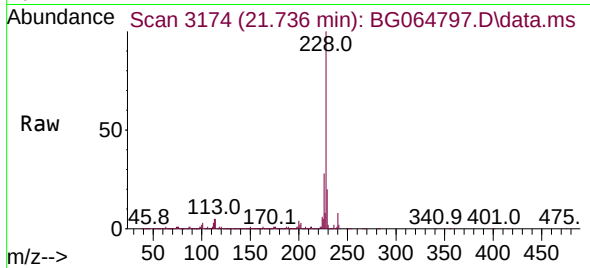
Tgt Ion:149 Resp: 347928
 Ion Ratio Lower Upper
 149 100
 91 66.6 54.9 82.3
 206 23.9 21.2 31.8





#81
Benzo(a)anthracene
Concen: 43.623 ng
RT: 21.736 min Scan# 3174
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



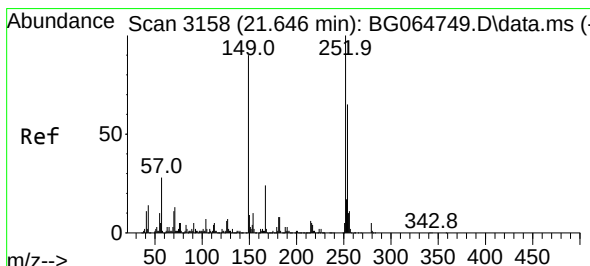
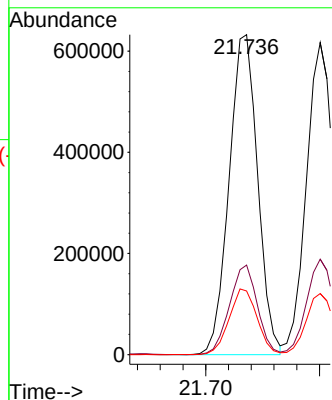
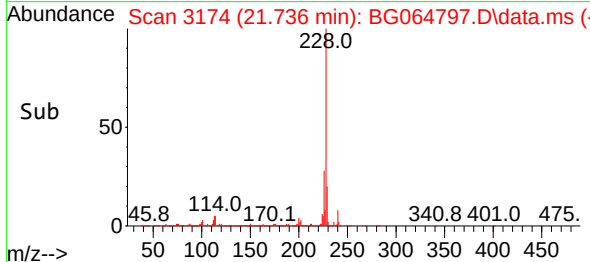
Tgt Ion:228 Resp: 1103366
Ion Ratio Lower Upper
228 100
226 28.0 22.1 33.1
229 19.9 15.5 23.3

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Upadhyay

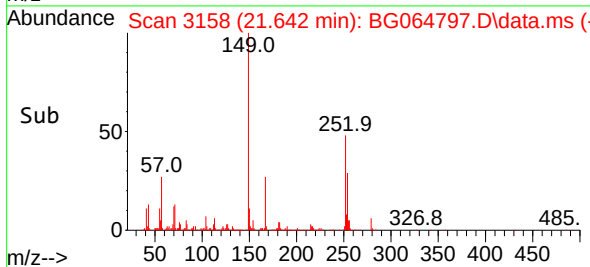
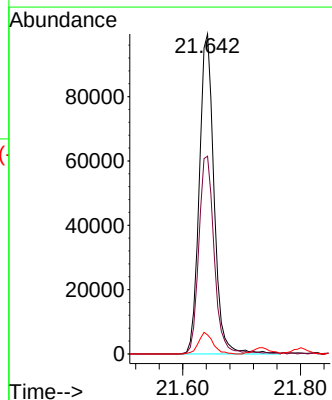
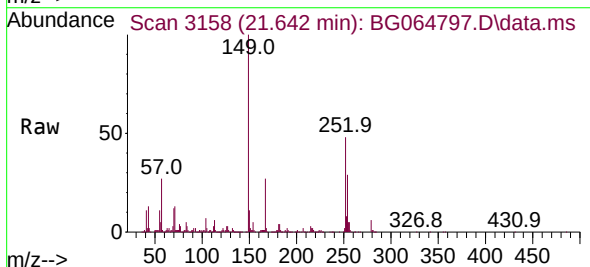
11/18/2025
Supervised By :Sohil
Jodhani

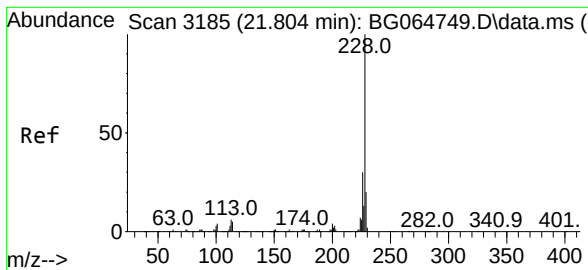
11/18/2025



#82
3,3'-Dichlorobenzidine
Concen: 18.538 ng
RT: 21.642 min Scan# 3158
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion:252 Resp: 172582
Ion Ratio Lower Upper
252 100
254 61.8 51.8 77.8
126 5.9 4.7 7.1





#83

Chrysene

Concen: 43.425 ng

RT: 21.801 min Scan# 3185

Delta R.T. -0.004 min

Lab File: BG064797.D

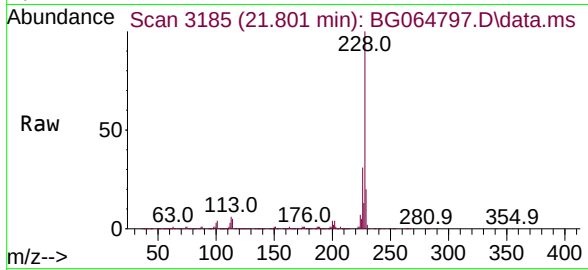
Acq: 17 Nov 2025 23:31

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MSD



Tgt Ion:228 Resp: 1035528

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.2

229 19.6 16.0 24.0

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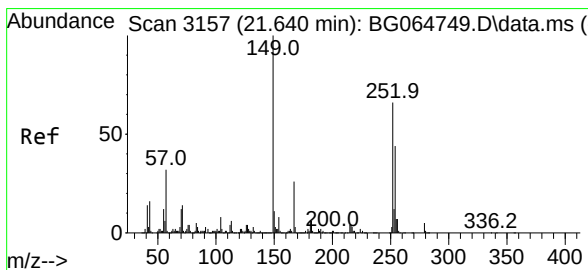
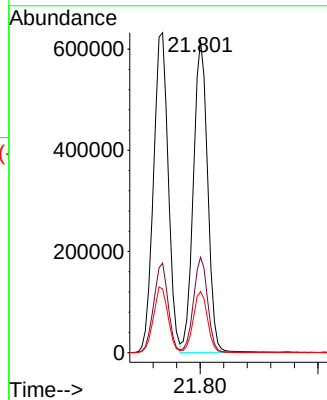
Reviewed By :Jagrut

Upadhyay

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Supervised By :Sohil
Jodhani

11/18/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.593 ng

RT: 21.630 min Scan# 3156

Delta R.T. -0.009 min

Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

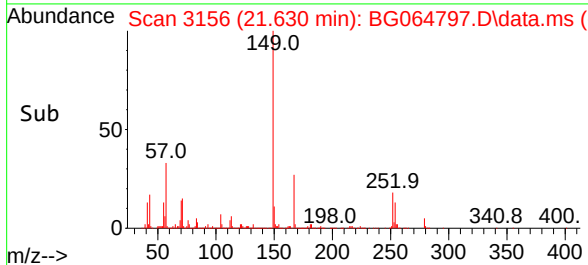
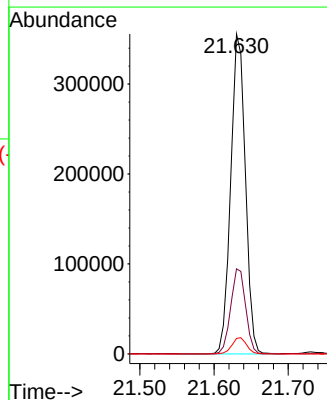
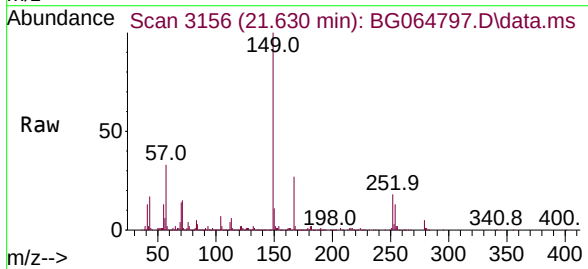
Tgt Ion:149 Resp: 488553

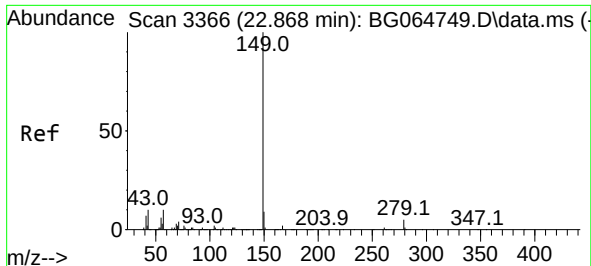
Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

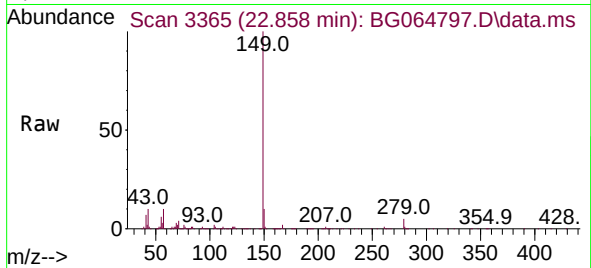
279 4.8 4.1 6.1





#85
Di-n-octyl phthalate
Concen: 44.047 ng
RT: 22.858 min Scan# 3366
Delta R.T. -0.010 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



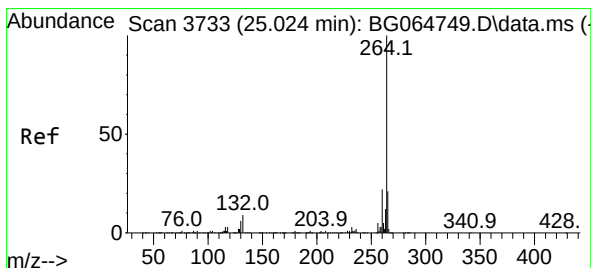
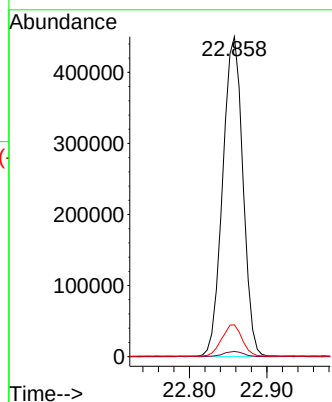
Tgt Ion:149 Resp: 815862
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.8 8.3 12.5

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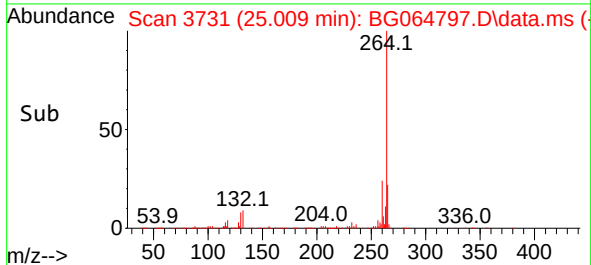
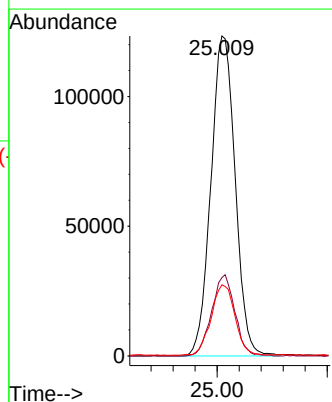
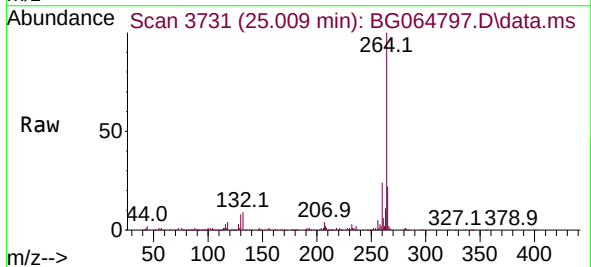
11/18/2025
Supervised By :Sohil
Jodhani

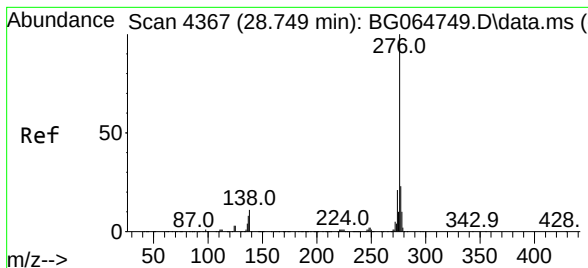
11/18/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.009 min Scan# 3731
Delta R.T. -0.015 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion:264 Resp: 376972
Ion Ratio Lower Upper
264 100
260 24.5 17.2 25.8
265 22.2 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.547 ng

RT: 28.745 min Scan# 4367

Delta R.T. -0.004 min

Lab File: BG064797.D

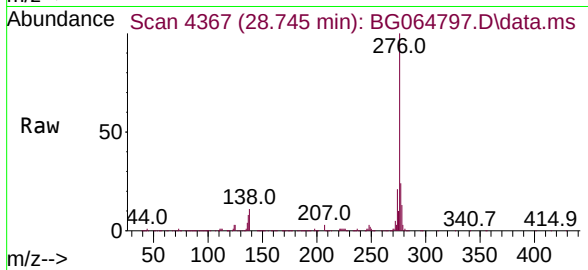
Acq: 17 Nov 2025 23:31

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MSD



Tgt Ion:276 Resp: 1231434

Ion Ratio Lower Upper

276 100

138 9.2 4.5 6.7

277 25.3 20.0 30.0

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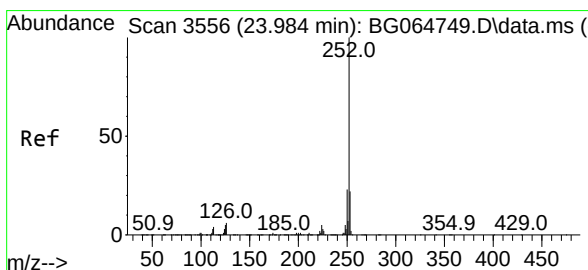
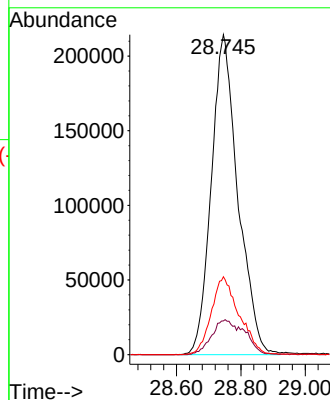
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Reviewed By :Jagrut
Upadhyay

11/18/2025

Supervised By :Sohil
Jodhani

11/18/2025



#88

Benzo(b)fluoranthene

Concen: 44.280 ng

RT: 23.980 min Scan# 3556

Delta R.T. -0.004 min

Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

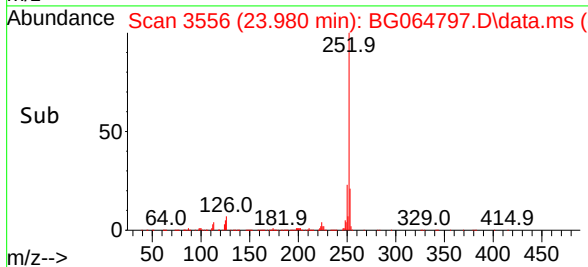
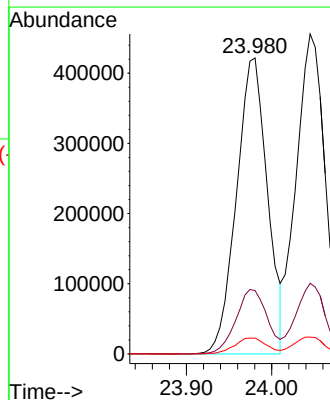
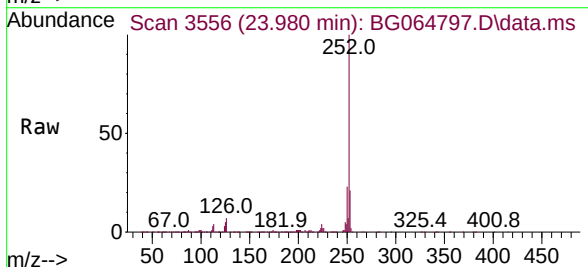
Tgt Ion:252 Resp: 1062278

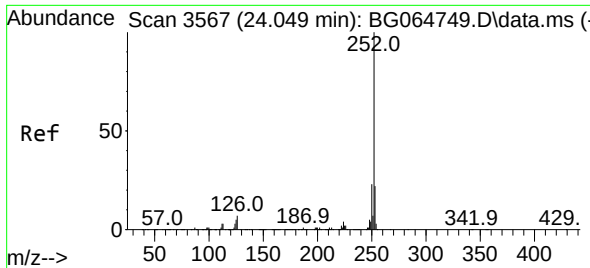
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

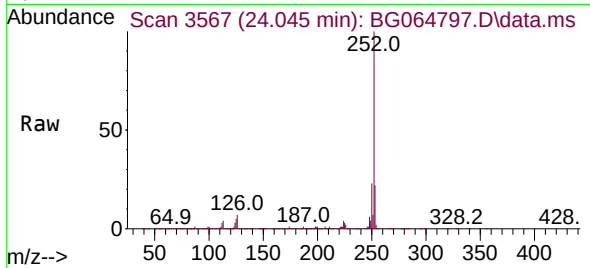
125 5.4 4.2 6.2





#89
Benzo(k)fluoranthene
Concen: 44.736 ng
RT: 24.045 min Scan# 3567
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



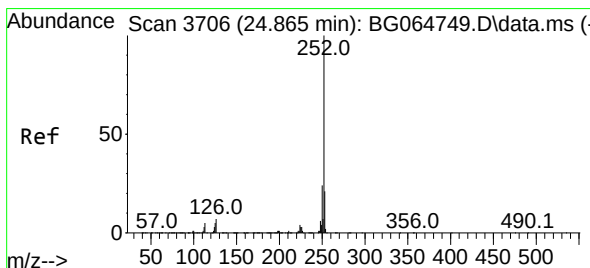
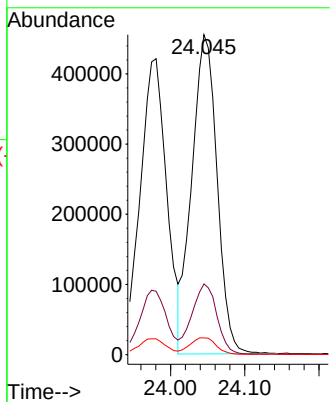
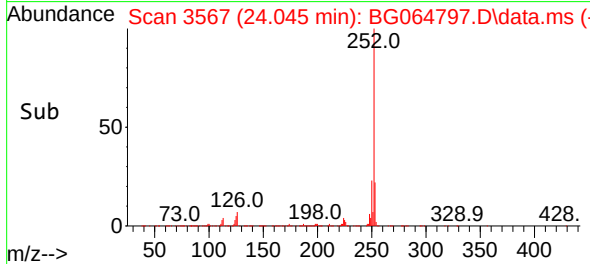
Tgt Ion:252 Resp: 1078196
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 5.2 4.1 6.1

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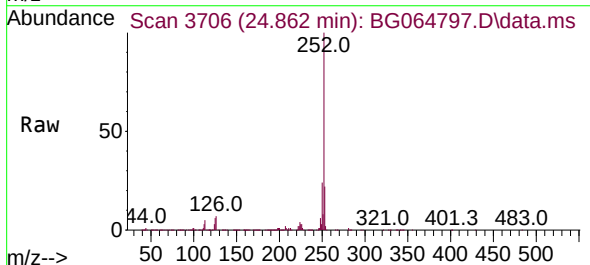
Reviewed By :Jagrut
Upadhyay

11/18/2025
Supervised By :Sohil
Jodhani

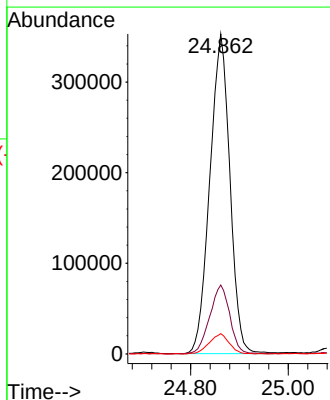
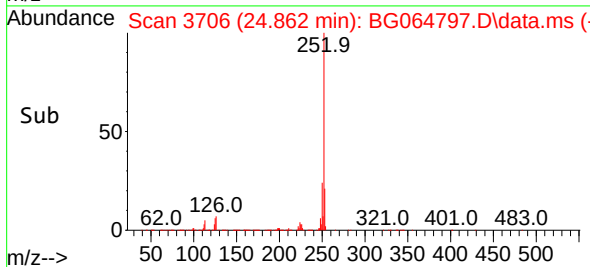
11/18/2025

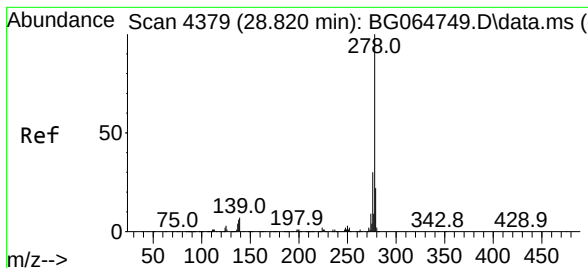


#90
Benzo(a)pyrene
Concen: 45.279 ng
RT: 24.862 min Scan# 3706
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31



Tgt Ion:252 Resp: 1007629
Ion Ratio Lower Upper
252 100
253 21.5 16.9 25.3
125 6.3 4.2 6.4





#91

Dibenzo(a,h)anthracene

Concen: 47.842 ng

RT: 28.810 min Scan# 4379

Delta R.T. -0.009 min

Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MSD

Tgt Ion:278 Resp: 1015062

Ion Ratio Lower Upper

278 100

139 8.6 5.8 8.8

279 23.5 17.3 25.9

Manual Integrations

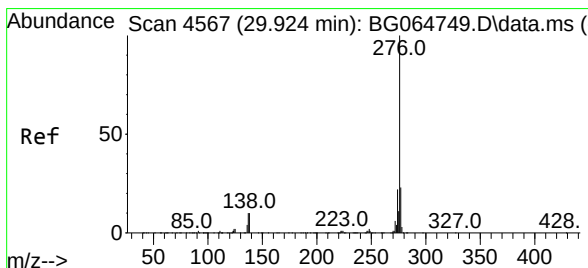
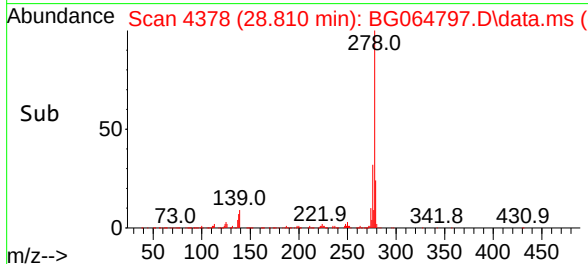
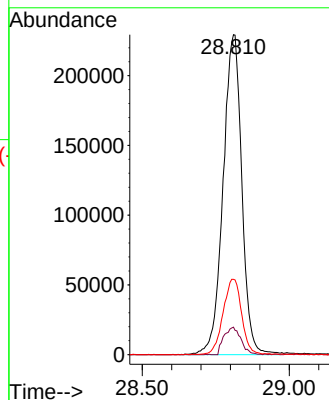
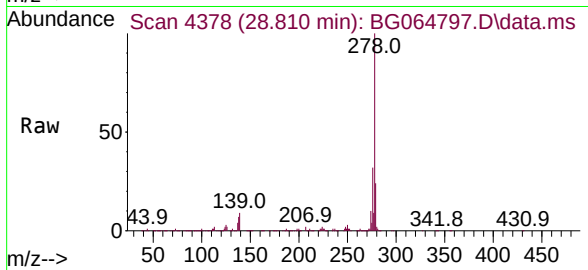
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Reviewed By :Jagrut
Upadhyay

11/18/2025

Supervised By :Sohil
Jodhani

11/18/2025



#92

Benzo(g,h,i)perylene

Concen: 47.739 ng

RT: 29.915 min Scan# 4566

Delta R.T. -0.009 min

Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

Tgt Ion:276 Resp: 974807

Ion Ratio Lower Upper

276 100

277 22.8 18.0 27.0

138 11.4 8.2 12.2

