

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111725\
 Data File : BG064786.D
 Acq On : 17 Nov 2025 15:58
 Operator : RC/JU
 Sample : PB170586BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB170586BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/18/2025
 Supervised By :Sohil Jodhani 11/18/2025

Supervised By :Sohil
 Jodhani
 11/18/2025

Quant Time: Nov 17 16:40:56 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)
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Internal Standards

1) 1,4-Dichlorobenzene-d4	8.160	152	36431	20.000	ng	0.00
21) Naphthalene-d8	10.981	136	142522	20.000	ng	0.00
39) Acenaphthene-d10	14.776	164	114088	20.000	ng	0.00
64) Phenanthrene-d10	17.502	188	287923	20.000	ng	0.00
76) Chrysene-d12	21.756	240	397605	20.000	ng	0.00
86) Perylene-d12	25.017	264	387188	20.000	ng	0.00

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 Jodhani

System Monitoring Compounds

5) 2-Fluorophenol	5.699	112	275364	131.988	ng	0.00
7) Phenol-d6	7.308	99	364435	131.335	ng	0.00
23) Nitrobenzene-d5	9.330	82	235347	81.645	ng	0.00
42) 2,4,6-Tribromophenol	16.251	330	283809	127.551	ng	0.00
45) 2-Fluorobiphenyl	13.407	172	648712	79.340	ng	0.00
79) Terphenyl-d14	20.093	244	1652775	81.769	ng	0.00

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Target Compounds

Compound	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.525	88	28513	35.303	ng	95
3) Pyridine	3.936	79	84336	35.045	ng	95
4) n-Nitrosodimethylamine	3.842	42	54046	44.125	ng	90
6) Aniline	7.479	93	117597	31.795	ng	98
8) 2-Chlorophenol	7.726	128	113733	49.648	ng	95
9) Benzaldehyde	7.285	77	48925	26.935	ng	98
10) Phenol	7.338	94	145531	48.203	ng	98
11) bis(2-Chloroethyl)ether	7.567	93	97597	45.428	ng	100
12) 1,3-Dichlorobenzene	8.055	146	119695	45.408	ng	98
13) 1,4-Dichlorobenzene	8.202	146	123878	46.152	ng	99
14) 1,2-Dichlorobenzene	8.525	146	121068	46.519	ng	98
15) Benzyl Alcohol	8.395	79	109045	47.876	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.689	45	211209	41.534	ng	97
17) 2-Methylphenol	8.601	107	101237	47.390	ng	99
18) Hexachloroethane	9.259	117	42964	42.262	ng	96
19) n-Nitroso-di-n-propyla...	8.965	70	82892	44.181	ng	93
20) 3+4-Methylphenols	8.924	107	139650	47.719	ng	95
22) Acetophenone	8.983	105	193702	49.886	ng	# 98
24) Nitrobenzene	9.371	77	129745	44.546	ng	97
25) Isophorone	9.894	82	237798	43.320	ng	97
26) 2-Nitrophenol	10.082	139	62517	47.721	ng	98
27) 2,4-Dimethylphenol	10.135	122	107834	46.332	ng	95
28) bis(2-Chloroethoxy)met...	10.370	93	137175	45.519	ng	99
29) 2,4-Dichlorophenol	10.622	162	121666	48.691	ng	98
30) 1,2,4-Trichlorobenzene	10.845	180	142705	47.296	ng	98
31) Naphthalene	11.034	128	357413	44.238	ng	99
32) Benzoic acid	10.270	122	69164m	42.828	ng	
33) 4-Chloroaniline	11.128	127	60843	18.826	ng	97
34) Hexachlorobutadiene	11.321	225	108562	41.934	ng	99
35) Caprolactam	11.891	113	36790m	49.226	ng	
36) 4-Chloro-3-methylphenol	12.238	107	132269	47.558	ng	97
37) 2-Methylnaphthalene	12.626	142	237489	39.281	ng	99
38) 1-Methylnaphthalene	12.843	142	248354	41.353	ng	98
40) 1,2,4,5-Tetrachloroben...	12.990	216	217151	48.908	ng	99
41) Hexachlorocyclopentadiene	12.972	237	256447	80.581	ng	97
43) 2,4,6-Trichlorophenol	13.219	196	122285	46.927	ng	99

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Manual Integrations

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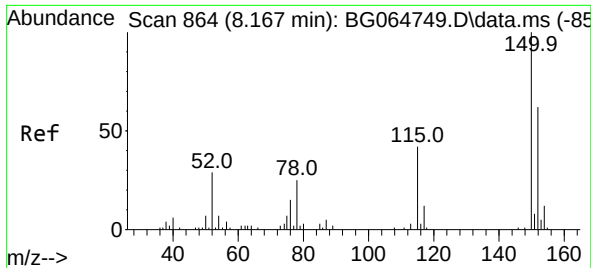
Reviewed By :Jagrut Upadhyay 11/18/2025
 Supervised By :Sohil Jodhani 11/18/2025

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.290	196	139846	47.849	ng	99
46) 1,1'-Biphenyl	13.619	154	400034	48.819	ng	99
47) 2-Chloronaphthalene	13.660	162	288916	44.754	ng	99
48) 2-Nitroaniline	13.848	65	101052	48.667	ng	97
49) Acenaphthylene	14.500	152	502909	45.600	ng	99
50) Dimethylphthalate	14.224	163	405699	45.017	ng	98
51) 2,6-Dinitrotoluene	14.336	165	85166	49.111	ng	99
52) Acenaphthene	14.841	154	341253	51.606	ng	99
53) 3-Nitroaniline	14.665	138	54409	31.789	ng	96
54) 2,4-Dinitrophenol	14.870	184	109403	90.799	ng	95
55) Dibenzofuran	15.170	168	495164	45.293	ng	99
56) 4-Nitrophenol	14.964	139	144474	106.389	ng	96
57) 2,4-Dinitrotoluene	15.117	165	127486	49.036	ng	96
58) Fluorene	15.816	166	383133	44.684	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.387	232	146792	50.905	ng	97
60) Diethylphthalate	15.575	149	394940	45.746	ng	99
61) 4-Chlorophenyl-phenyle...	15.804	204	226853	44.085	ng	97
62) 4-Nitroaniline	15.822	138	85962	48.480	ng	94
63) Azobenzene	16.092	77	334815	46.626	ng	99
65) 4,6-Dinitro-2-methylph...	15.881	198	83634	52.317	ng	94
66) n-Nitrosodiphenylamine	16.010	169	359722	47.698	ng	98
67) 4-Bromophenyl-phenylether	16.692	248	171438	45.341	ng	99
68) Hexachlorobenzene	16.815	284	205406	44.839	ng	95
69) Atrazine	16.950	200	171725	47.228	ng	97
70) Pentachlorophenol	17.156	266	253863	92.598	ng	99
71) Phenanthrene	17.549	178	730968	46.401	ng	99
72) Anthracene	17.638	178	739278	46.023	ng	100
73) Carbazole	17.902	167	668028	48.377	ng	99
74) Di-n-butylphthalate	18.448	149	720652	46.777	ng	100
75) Fluoranthene	19.541	202	990231	45.968	ng	100
77) Benzidine	19.712	184	356154	29.910	ng	99
78) Pyrene	19.900	202	1044943	46.892	ng	98
80) Butylbenzylphthalate	20.769	149	366693	46.783	ng	96
81) Benzo(a)anthracene	21.739	228	1223717	45.263	ng	100
82) 3,3'-Dichlorobenzidine	21.645	252	262847	26.414	ng	100
83) Chrysene	21.809	228	1156526	45.374	ng	99
84) Bis(2-ethylhexyl)phtha...	21.633	149	510700	44.589	ng	100
85) Di-n-octyl phthalate	22.861	149	887291	44.816	ng	98
87) Indeno(1,2,3-cd)pyrene	28.760	276	1306911	49.130	ng	# 95
88) Benzo(b)fluoranthene	23.983	252	1205044	48.906	ng	100
89) Benzo(k)fluoranthene	24.054	252	1208878	48.834	ng	99
90) Benzo(a)pyrene	24.870	252	1118512	48.936	ng	100
91) Dibenzo(a,h)anthracene	28.819	278	1084914	49.785	ng	97
92) Benzo(g,h,i)perylene	29.917	276	1044876	49.820	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.160 min Scan# 80
Delta R.T. -0.007 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :

BNA_G

ClientSampleId :

PB170586BS

Tgt Ion:152 Resp: 3643
Ion Ratio Lower Upper
152 100
150 147.8 129.2 193.8
115 63.1 53.7 80.5

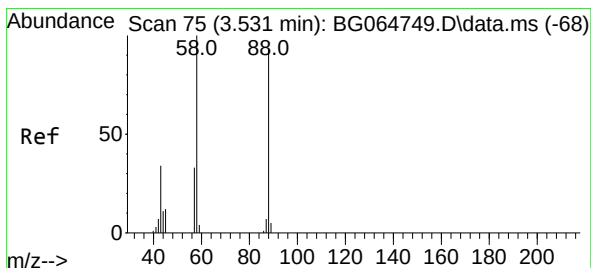
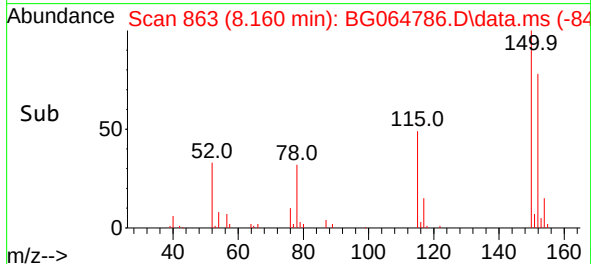
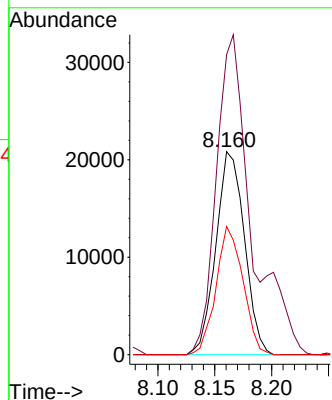
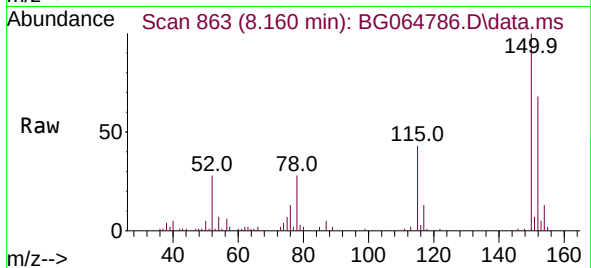
Manual Integrations
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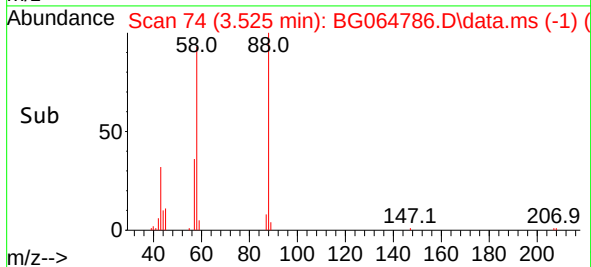
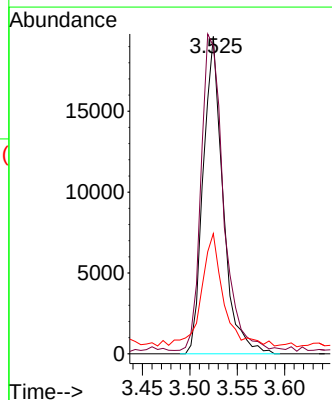
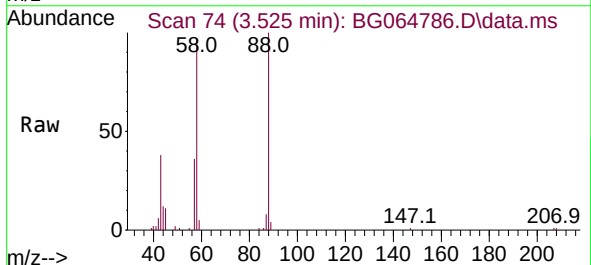
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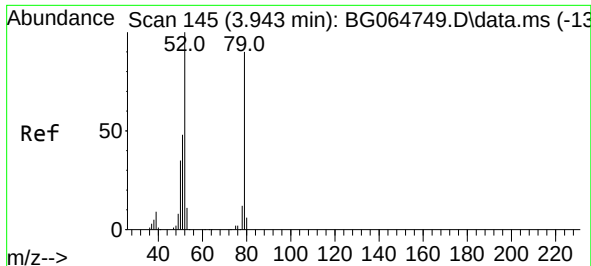
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#2
1,4-Dioxane
Concen: 35.303 ng
RT: 3.525 min Scan# 74
Delta R.T. -0.007 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

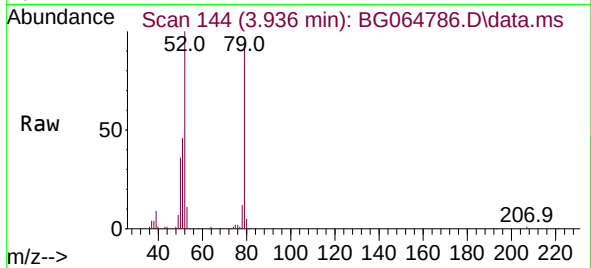
Tgt Ion: 88 Resp: 28513
Ion Ratio Lower Upper
88 100
58 111.9 84.6 126.8
43 39.3 30.0 45.0





#3
Pyridine
Concen: 35.045 ng
RT: 3.936 min Scan# 145
Delta R.T. -0.007 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :
BNA_G
ClientSampleId :
PB170586BS



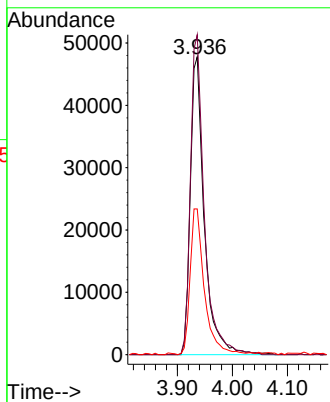
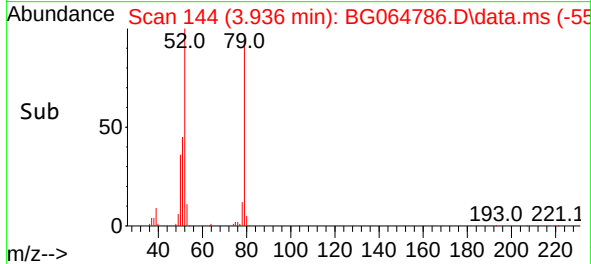
Tgt Ion: 79 Resp: 84336
Ion Ratio Lower Upper
79 100
52 107.5 89.0 133.4
51 48.9 43.4 65.0

Manual Integrations
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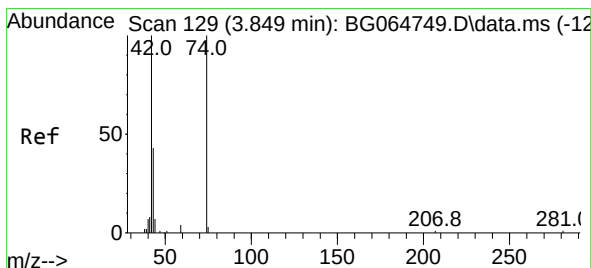
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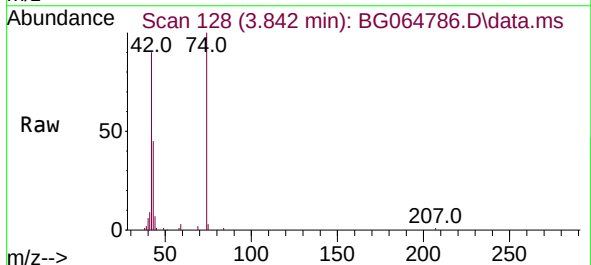
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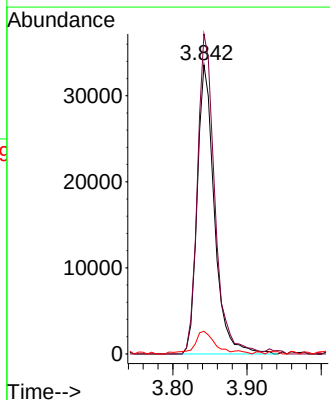
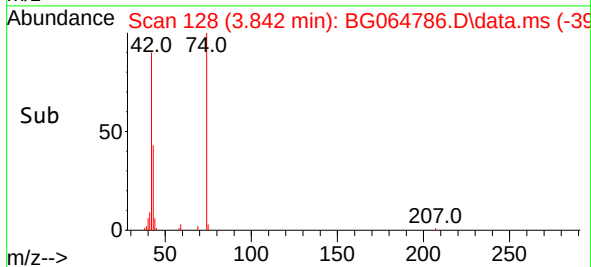
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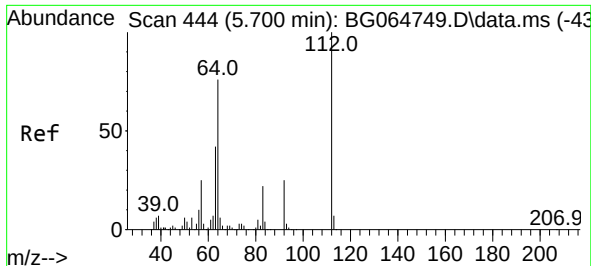


#4
n-Nitrosodimethylamine
Concen: 44.125 ng
RT: 3.842 min Scan# 128
Delta R.T. -0.007 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58



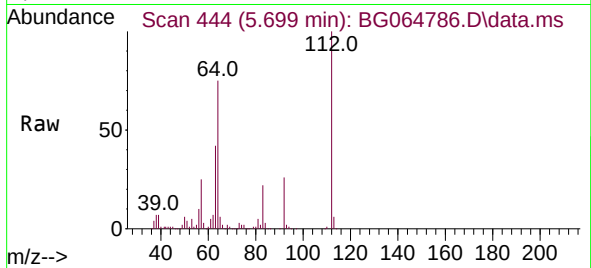
Tgt Ion: 42 Resp: 54046
Ion Ratio Lower Upper
42 100
74 110.7 79.8 119.6
44 7.8 5.9 8.9





#5
2-Fluorophenol
Concen: 131.988 ng
RT: 5.699 min Scan# 444
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :
BNA_G
ClientSampleId :
PB170586BS



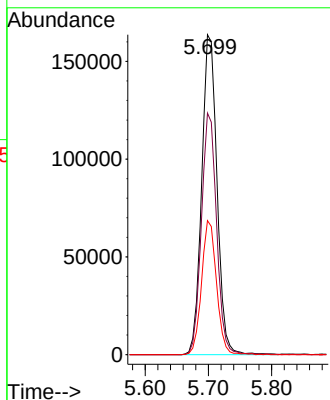
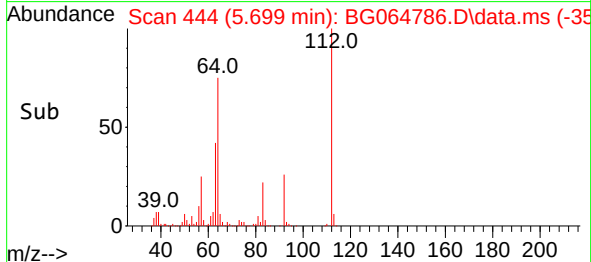
Tgt Ion:112 Resp: 275364
Ion Ratio Lower Upper
112 100
64 75.5 61.0 91.4
63 41.9 33.3 49.9

Manual Integrations
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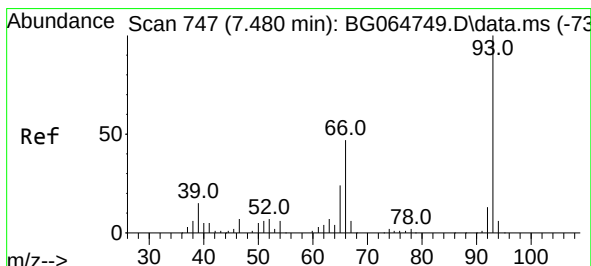
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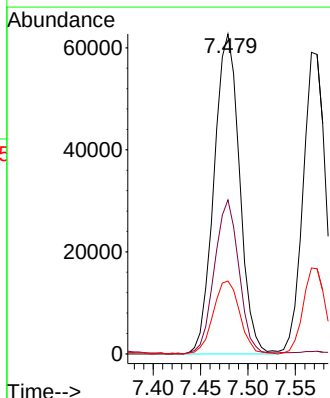
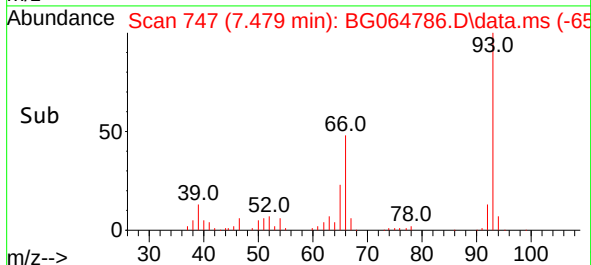
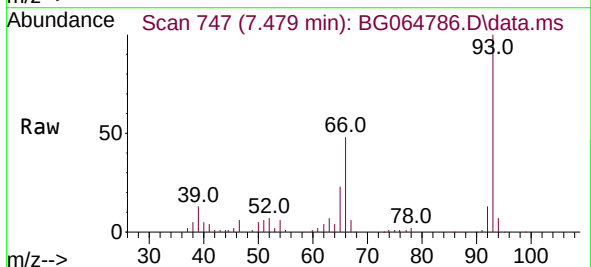


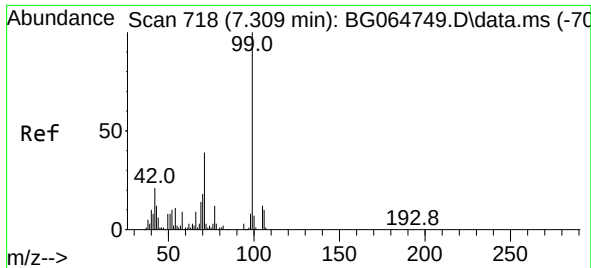
11/18/2025



#6
Aniline
Concen: 31.795 ng
RT: 7.479 min Scan# 747
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

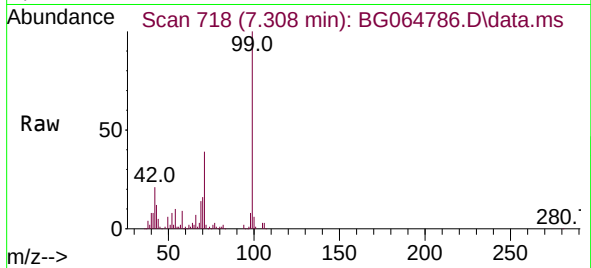
Tgt Ion: 93 Resp: 117597
Ion Ratio Lower Upper
93 100
66 48.1 37.7 56.5
65 22.8 19.1 28.7





#7
Phenol-d6
Concen: 131.335 ng
RT: 7.308 min Scan# 718
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :
BNA_G
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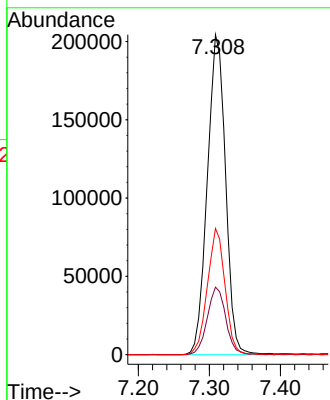
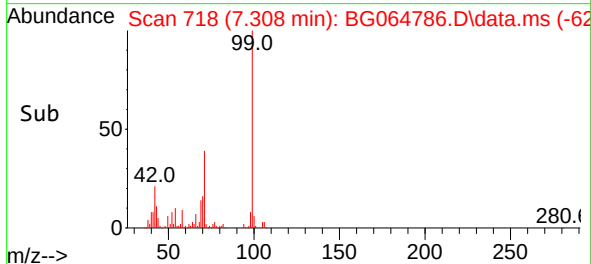
Tgt Ion: 99 Resp: 364435
Ion Ratio Lower Upper
99 100
42 21.1 16.8 25.2
71 39.4 31.1 46.7

Manual Integrations
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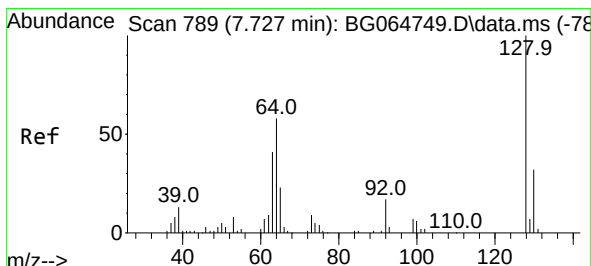
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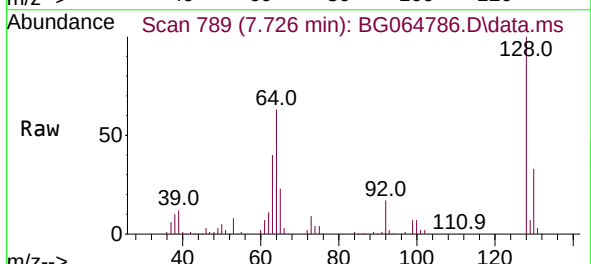
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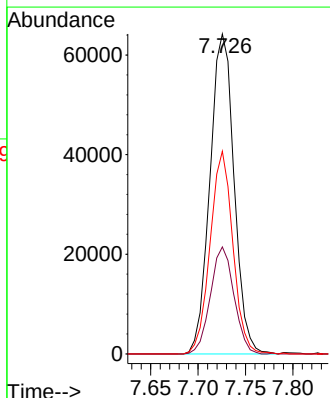
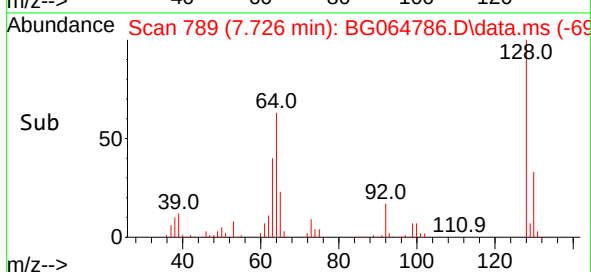
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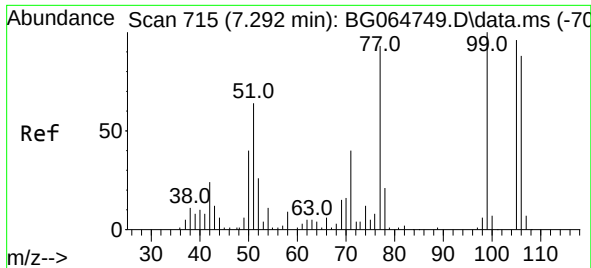


#8
2-Chlorophenol
Concen: 49.648 ng
RT: 7.726 min Scan# 789
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58



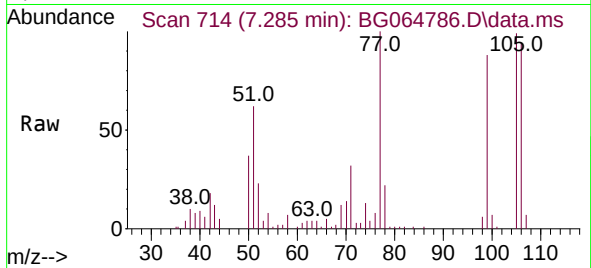
Tgt Ion:128 Resp: 113733
Ion Ratio Lower Upper
128 100
130 33.4 11.9 51.9
64 63.3 38.4 78.4





#9
Benzaldehyde
Concen: 26.935 ng
RT: 7.285 min Scan# 715
Delta R.T. -0.007 min
Lab File: BG064786.D
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Instrument :
BNA_G
ClientSampleId :
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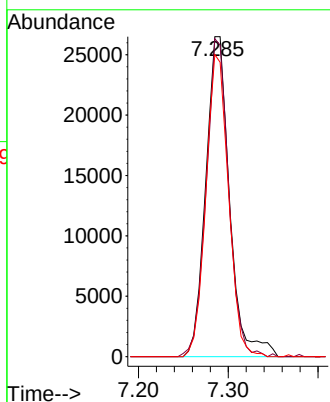
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Ion Ratio Lower Upper
77 100
105 99.3 83.8 123.8
106 94.4 74.3 114.3

Manual Integrations
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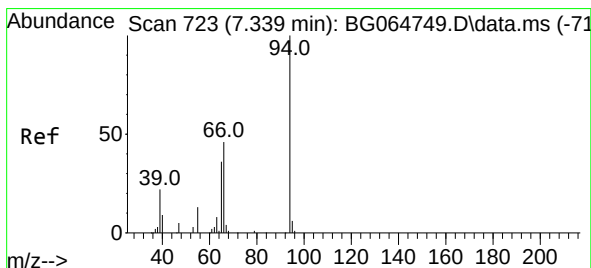
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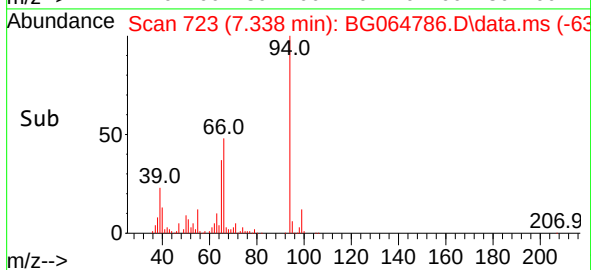
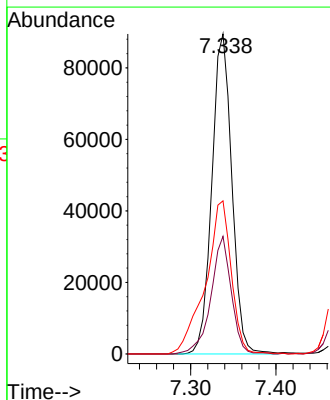
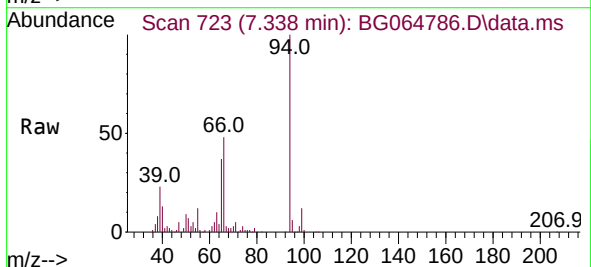


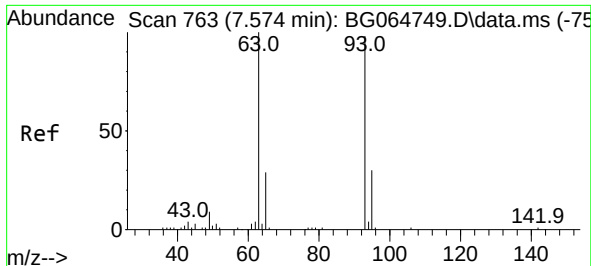
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#10
Phenol
Concen: 48.203 ng
RT: 7.338 min Scan# 723
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Tgt Ion: 94 Resp: 145531
Ion Ratio Lower Upper
94 100
65 36.7 17.0 57.0
66 47.8 29.8 69.8





#11
bis(2-Chloroethyl)ether
Concen: 45.428 ng
RT: 7.567 min Scan# 762
Delta R.T. -0.007 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :

BNA_G

ClientSampleId :

PB170586BS

Tgt Ion: 93 Resp: 9759
Ion Ratio Lower Upper
93 100
63 101.3 81.8 121.8
95 30.3 10.3 50.3

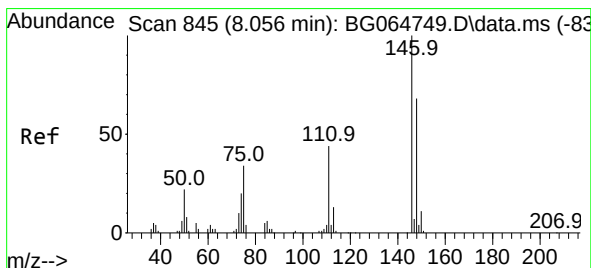
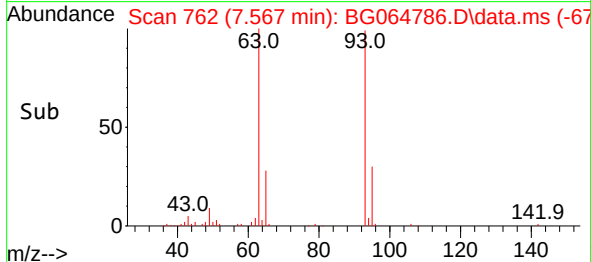
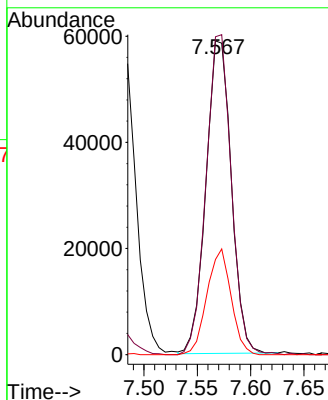
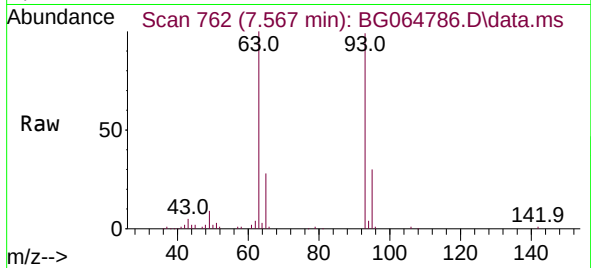
Manual Integrations
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Supervised By :Sohil Jodhani 11/18/2025

Supervised By :Sohil
Jodhani
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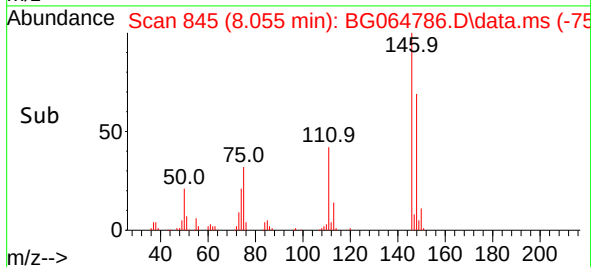
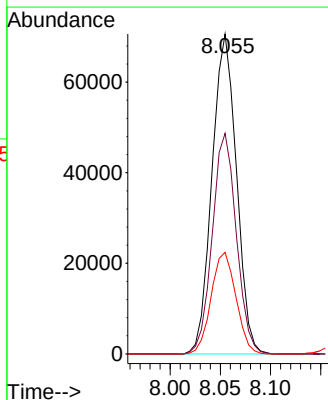
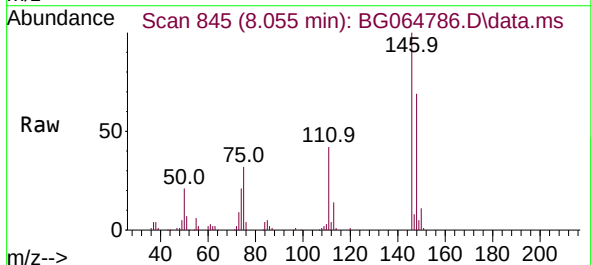
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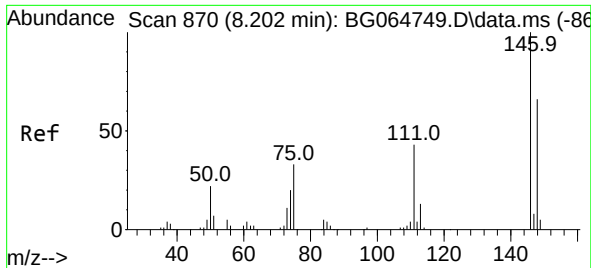
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#12
1,3-Dichlorobenzene
Concen: 45.408 ng
RT: 8.055 min Scan# 845
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

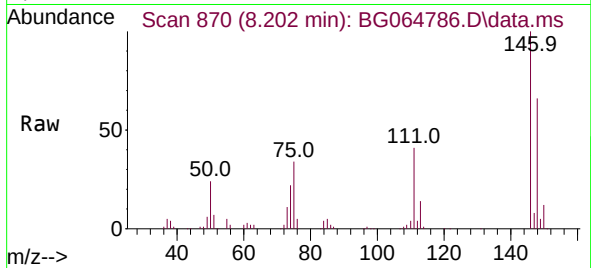
Tgt Ion:146 Resp: 119695
Ion Ratio Lower Upper
146 100
148 68.9 54.6 82.0
75 31.7 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 46.152 ng
RT: 8.202 min Scan# 870
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :
BNA_G
ClientSampleId :
PB170586BS



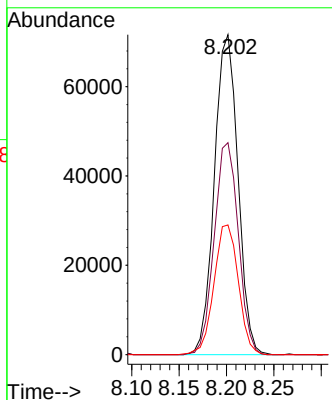
Tgt Ion:146 Resp: 123878
Ion Ratio Lower Upper
146 100
148 66.2 53.1 79.7
111 40.5 34.1 51.1

Manual Integrations
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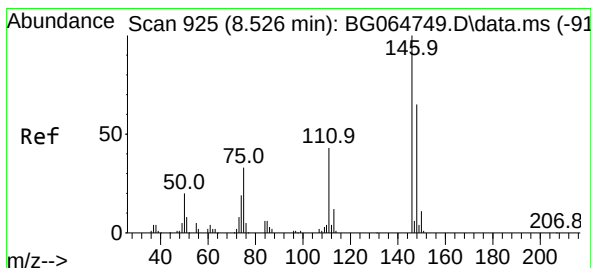
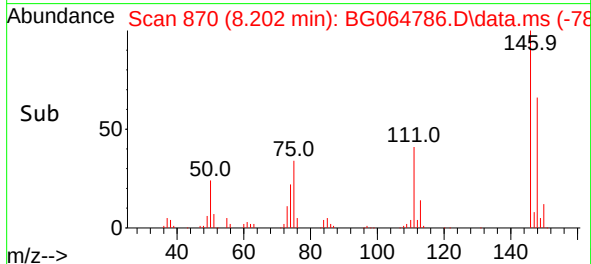
Reviewed By :Jagrut Upadhyay 11/18/2025
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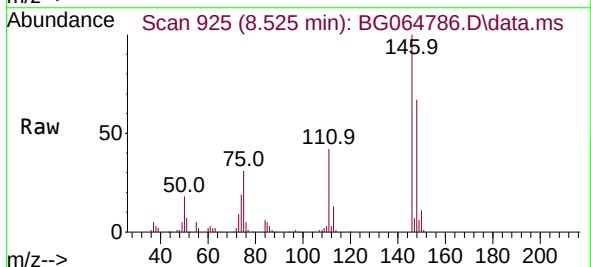
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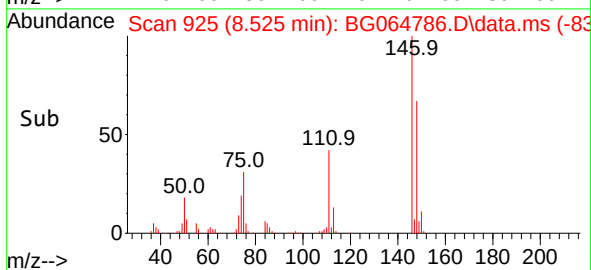
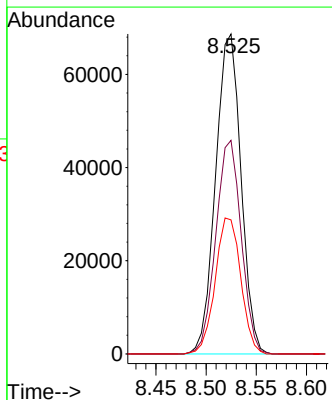
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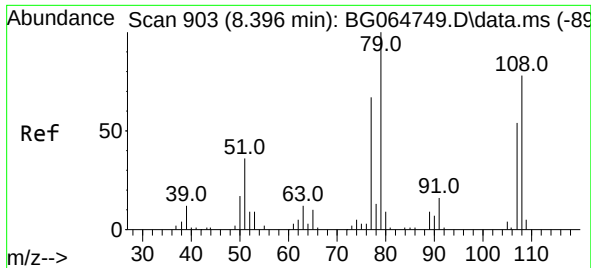


#14
1,2-Dichlorobenzene
Concen: 46.519 ng
RT: 8.525 min Scan# 925
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58



Tgt Ion:146 Resp: 121068
Ion Ratio Lower Upper
146 100
148 66.7 52.0 78.0
111 41.9 34.7 52.1





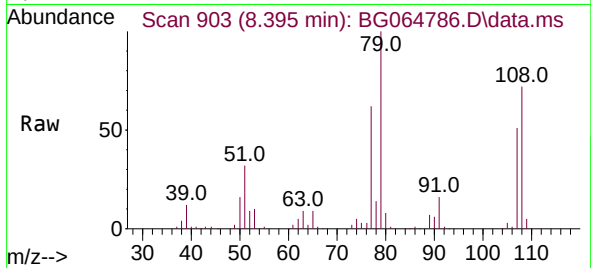
#15
Benzyl Alcohol
Concen: 47.876 ng
RT: 8.395 min Scan# 903
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :

BNA_G

ClientSampleId :

PB170586BS



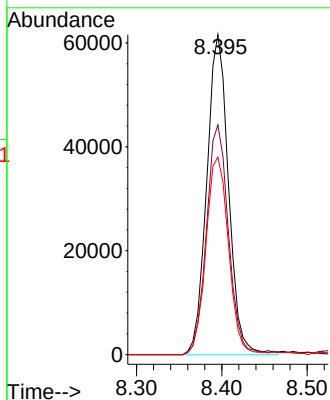
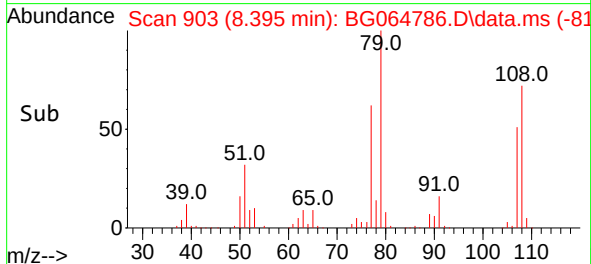
Tgt Ion: 79 Resp: 109045
Ion Ratio Lower Upper
79 100
108 71.8 62.3 93.5
77 61.7 53.5 80.3

Manual Integrations
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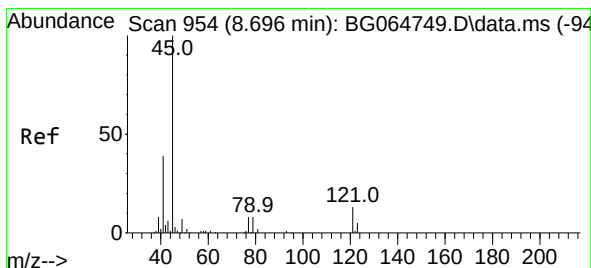
Reviewed By :Jagrut Upadhyay 11/18/2025
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Supervised By :Sohil
Jodhani

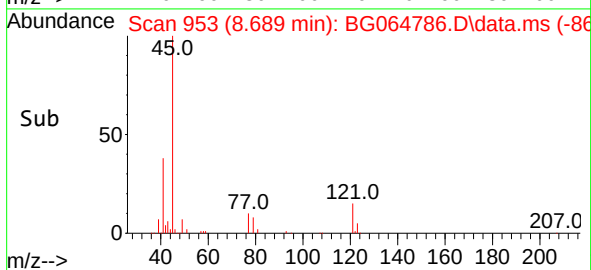
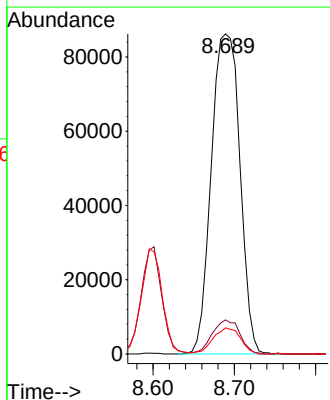
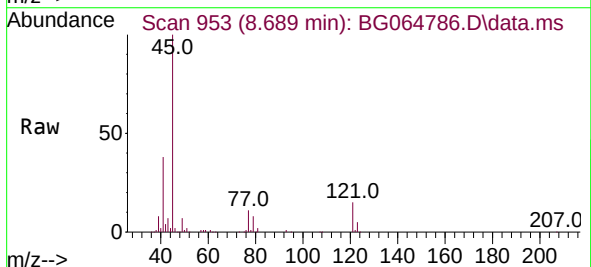


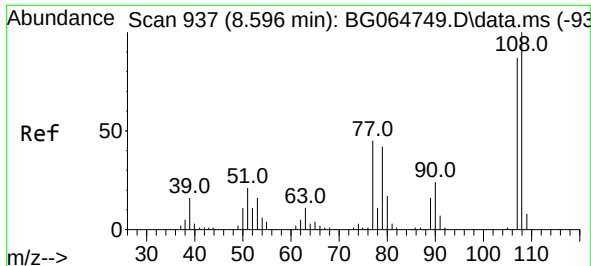
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.534 ng
RT: 8.689 min Scan# 953
Delta R.T. -0.007 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

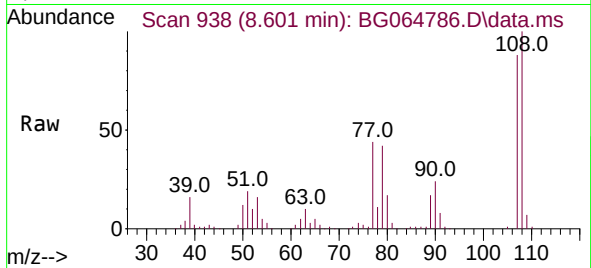
Tgt Ion: 45 Resp: 211209
Ion Ratio Lower Upper
45 100
77 10.6 0.0 28.8
79 8.2 0.0 28.1





#17
2-Methylphenol
Concen: 47.390 ng
RT: 8.601 min Scan# 937
Delta R.T. 0.005 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :
BNA_G
ClientSampleId :
PB170586BS



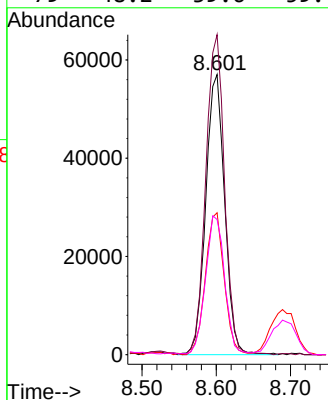
Tgt Ion:107 Resp: 101237
Ion Ratio Lower Upper
107 100
108 114.2 92.6 138.8
77 50.6 41.2 61.8
79 48.2 39.6 59.4

Manual Integrations
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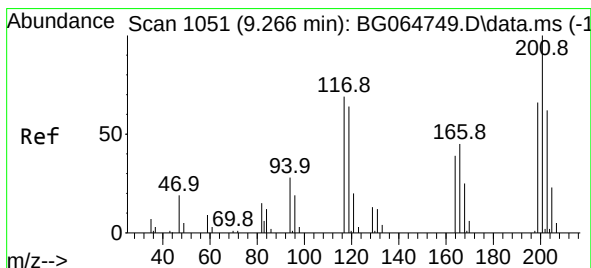
Reviewed By :Jagrut Upadhyay 11/18/2025
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Supervised By :Sohil
Jodhani

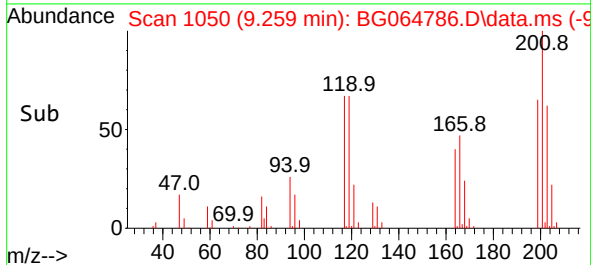
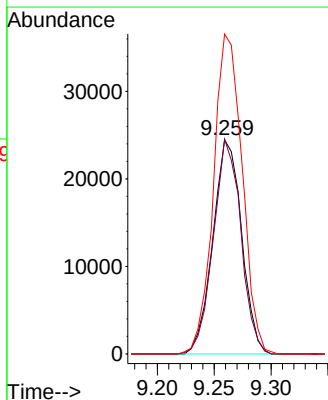
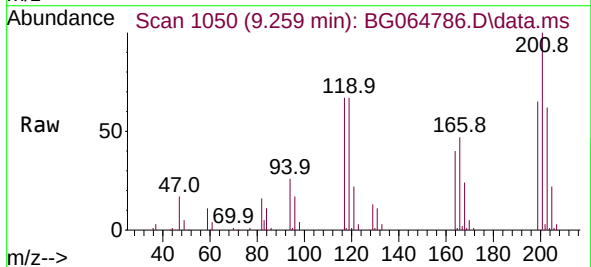


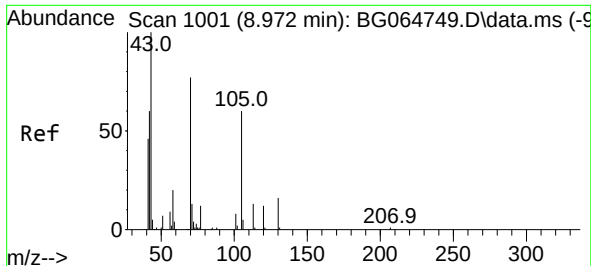
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#18
Hexachloroethane
Concen: 42.262 ng
RT: 9.259 min Scan# 1050
Delta R.T. -0.007 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Tgt Ion:117 Resp: 42964
Ion Ratio Lower Upper
117 100
119 99.4 74.4 111.6
201 148.0 116.5 174.7





#19

n-Nitroso-di-n-propylamine

Concen: 44.181 ng

RT: 8.965 min Scan# 1000

Delta R.T. -0.007 min

Lab File: BG064786.D

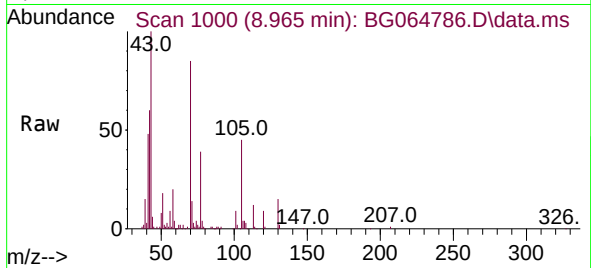
Acq: 17 Nov 2025 15:58

Instrument :

BNA_G

ClientSampleId :

PB170586BS



Tgt Ion: 70 Resp: 82892

Ion Ratio Lower Upper

70 100

42 71.5 62.6 93.8

101 10.3 8.0 12.0

130 18.0 16.5 24.7

Manual Integrations

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Supervised By :Sohil

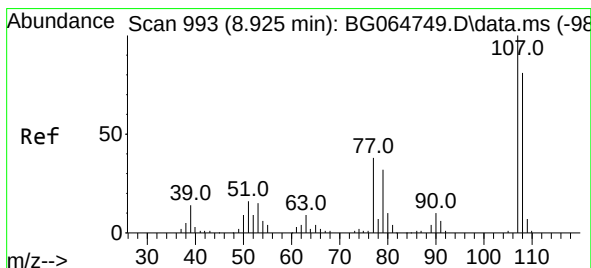
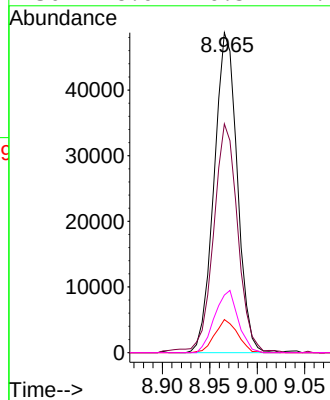
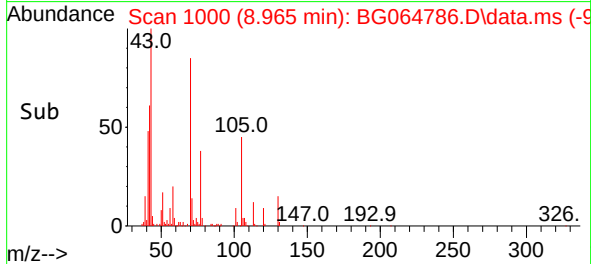
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#20

3+4-Methylphenols

Concen: 47.719 ng

RT: 8.924 min Scan# 993

Delta R.T. -0.001 min

Lab File: BG064786.D

Acq: 17 Nov 2025 15:58

Tgt Ion:107 Resp: 139650

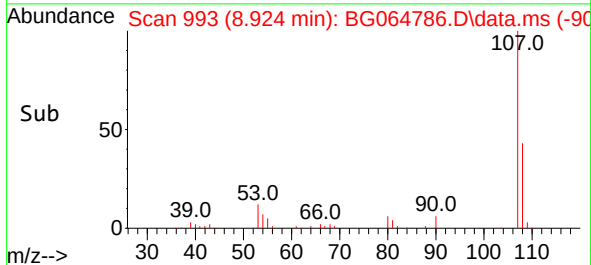
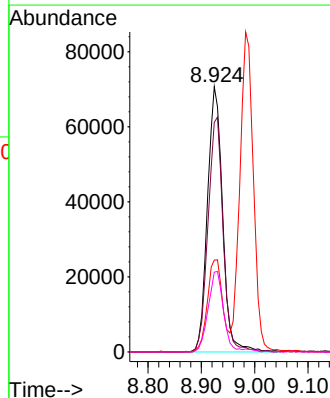
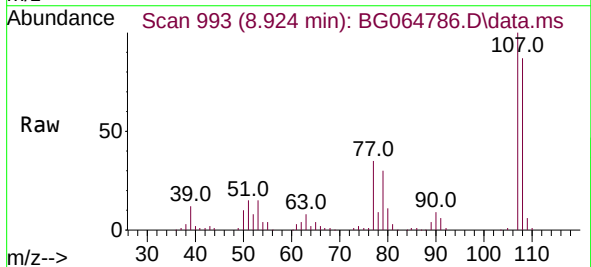
Ion Ratio Lower Upper

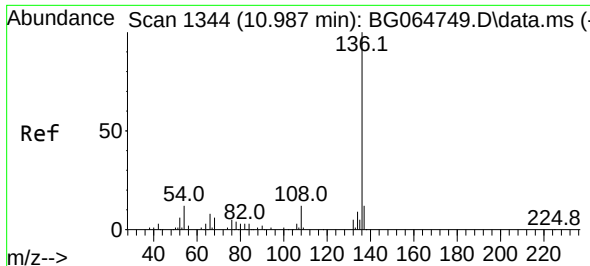
107 100

108 86.6 61.0 101.0

77 34.6 17.6 57.6

79 30.0 12.3 52.3





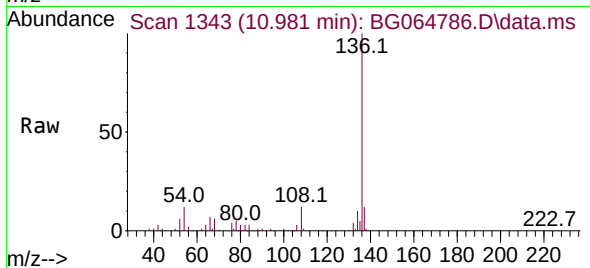
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.981 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :

BNA_G

ClientSampleId :

PB170586BS



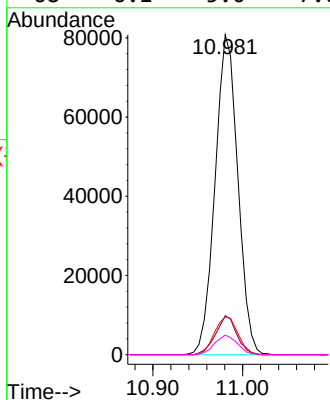
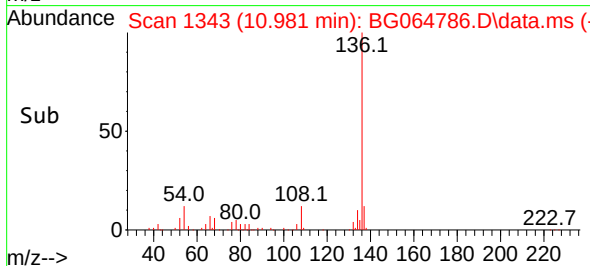
Tgt Ion:136 Resp: 142522
Ion Ratio Lower Upper
136 100
137 12.2 9.3 13.9
54 11.8 9.3 13.9
68 6.1 5.0 7.6

Manual Integrations
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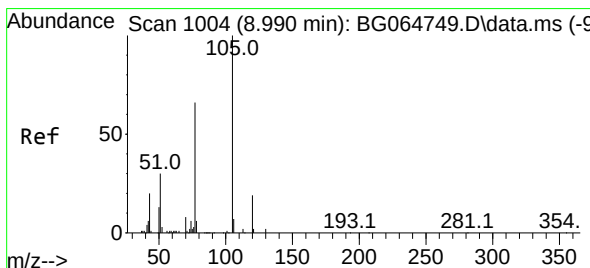
Reviewed By :Jagrut Upadhyay 11/18/2025
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Jodhani

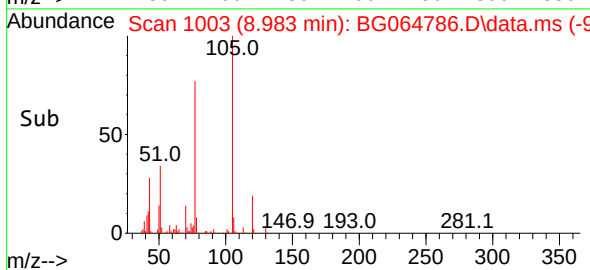
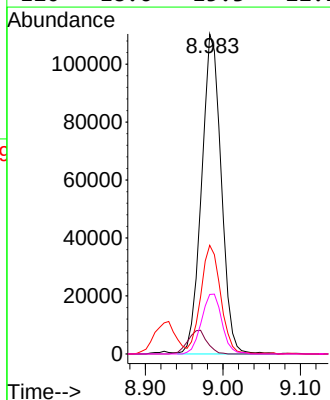
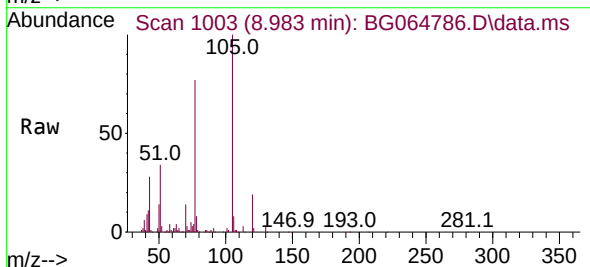


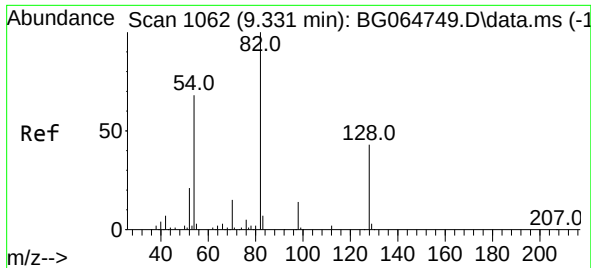
11/18/2025



#22
Acetophenone
Concen: 49.886 ng
RT: 8.983 min Scan# 1003
Delta R.T. -0.007 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Tgt Ion:105 Resp: 193702
Ion Ratio Lower Upper
105 100
71 2.6 1.3 1.9#
51 33.9 27.9 41.9
120 18.6 15.3 22.9





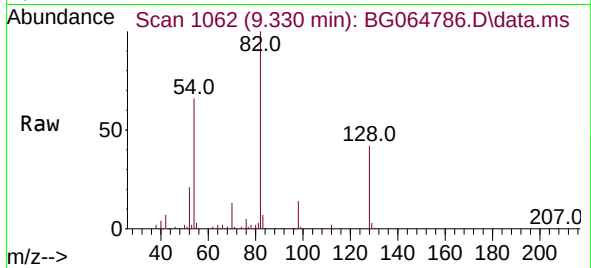
#23
Nitrobenzene-d5
Concen: 81.645 ng
RT: 9.330 min Scan# 1062
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :

BNA_G

ClientSampleId :

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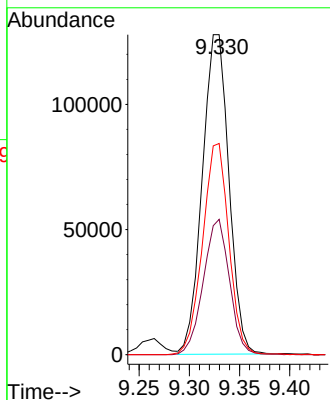
Tgt Ion: 82 Resp: 23534
Ion Ratio Lower Upper
82 100
128 42.3 34.1 51.1
54 66.0 54.3 81.5

Manual Integrations
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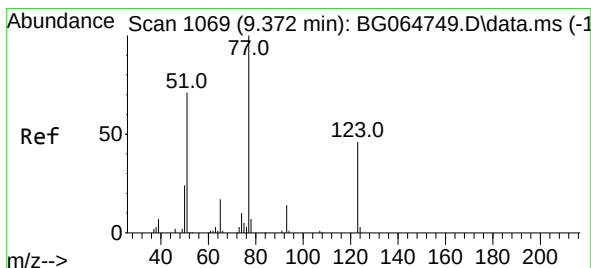
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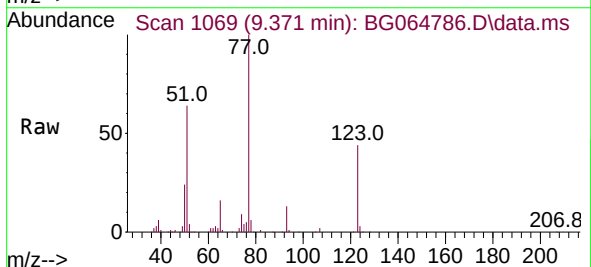
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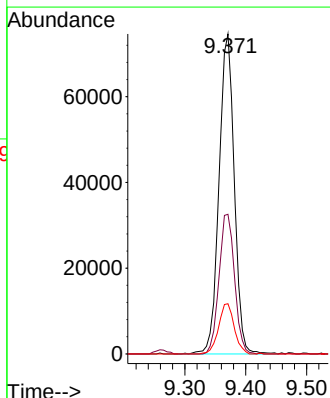
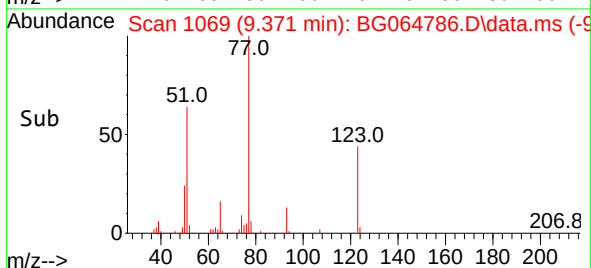
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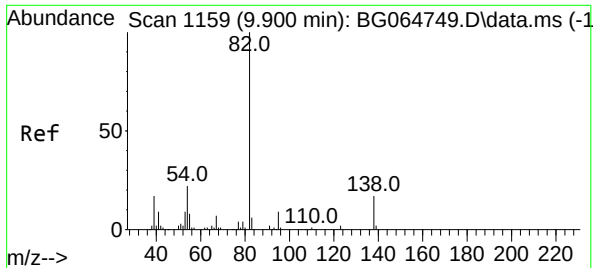


#24
Nitrobenzene
Concen: 44.546 ng
RT: 9.371 min Scan# 1069
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58



Tgt Ion: 77 Resp: 129745
Ion Ratio Lower Upper
77 100
123 43.6 36.5 54.7
65 15.7 13.5 20.3





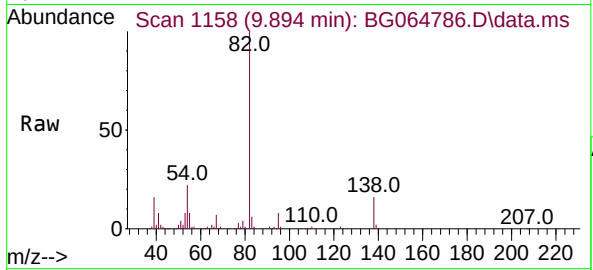
#25
Isophorone
Concen: 43.320 ng
RT: 9.894 min Scan# 1158
Delta R.T. -0.007 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :

BNA_G

ClientSampleId :

PB170586BS



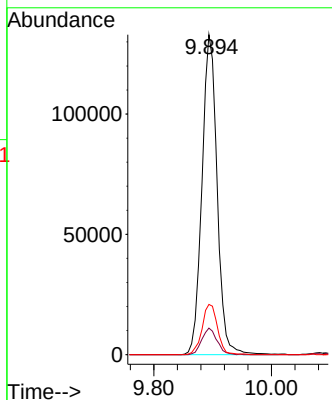
Tgt Ion: 82 Resp: 237798
Ion Ratio Lower Upper
82 100
95 8.3 6.9 10.3
138 15.7 13.9 20.9

Manual Integrations
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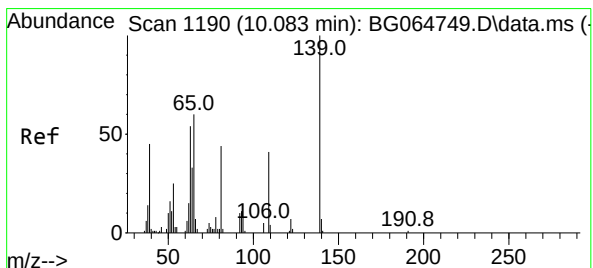
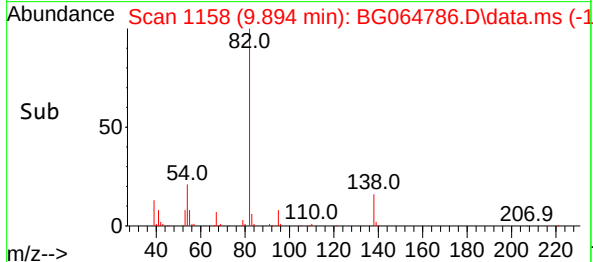
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

Supervised By :Sohil
Jodhani
11/18/2025

11/18/2025
Supervised By :Sohil
Jodhani

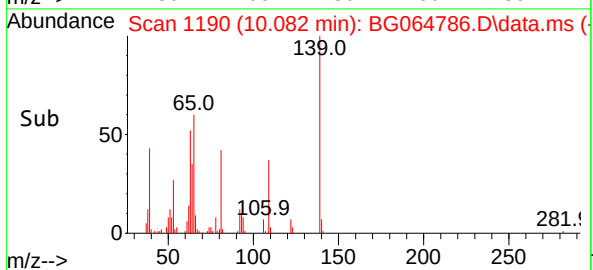
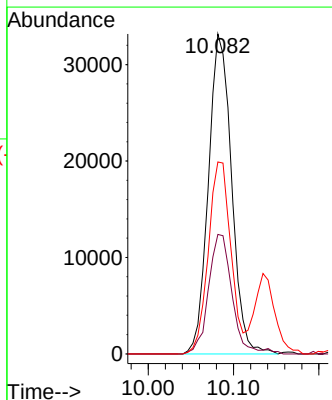
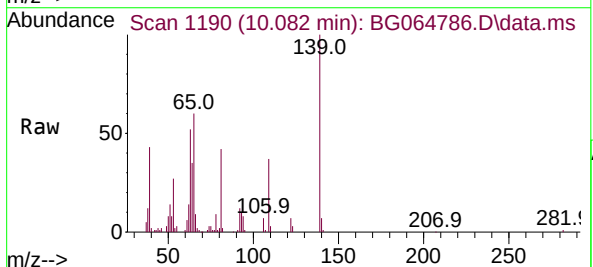


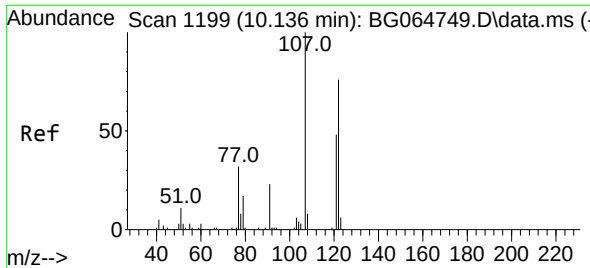
11/18/2025



#26
2-Nitrophenol
Concen: 47.721 ng
RT: 10.082 min Scan# 1190
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Tgt Ion:139 Resp: 62517
Ion Ratio Lower Upper
139 100
109 37.3 32.5 48.7
65 60.0 47.6 71.4





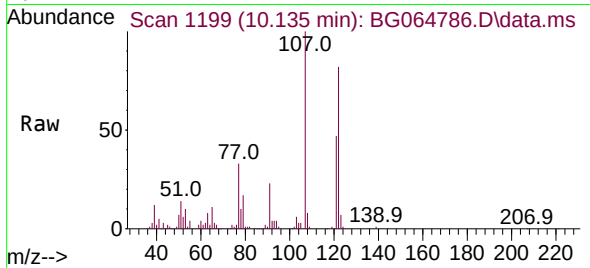
#27
2,4-Dimethylphenol
Concen: 46.332 ng
RT: 10.135 min Scan# 1199
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :

BNA_G

ClientSampleId :

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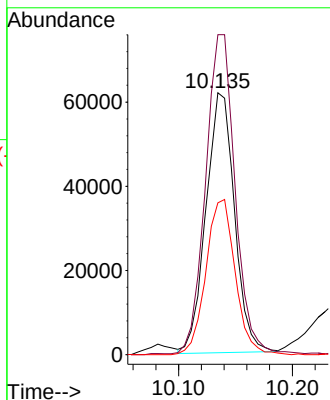
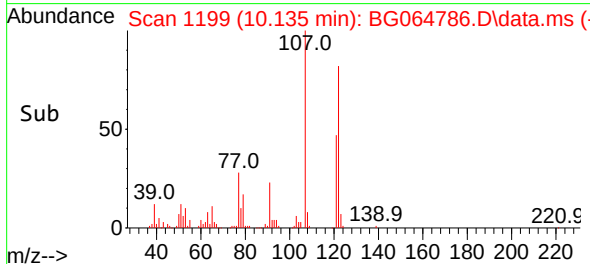
Tgt Ion:122 Resp: 107834
Ion Ratio Lower Upper
122 100
107 122.2 102.5 153.7
121 57.9 49.0 73.6

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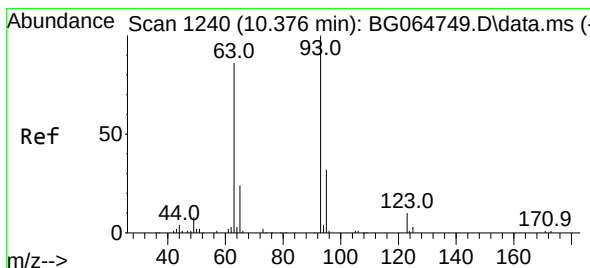
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

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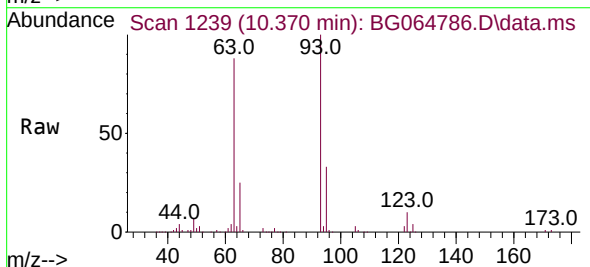
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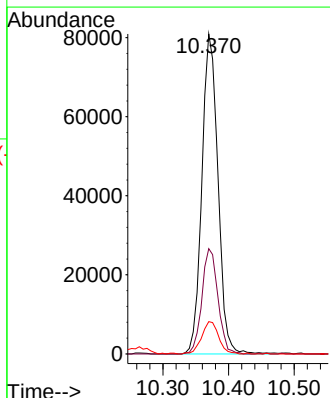
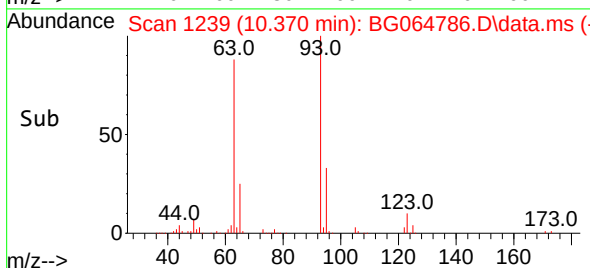
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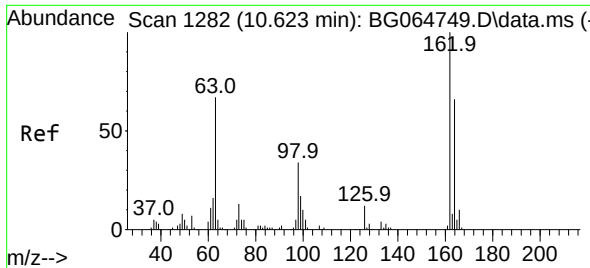


#28
bis(2-Chloroethoxy)methane
Concen: 45.519 ng
RT: 10.370 min Scan# 1239
Delta R.T. -0.007 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58



Tgt Ion: 93 Resp: 137175
Ion Ratio Lower Upper
93 100
95 32.9 25.4 38.2
123 10.1 8.1 12.1





#29
2,4-Dichlorophenol
Concen: 48.691 ng
RT: 10.622 min Scan# 1282
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :

BNA_G

ClientSampleId :

PB170586BS

Tgt Ion:162 Resp: 121666
Ion Ratio Lower Upper
162 100
164 66.7 46.0 86.0
98 31.1 14.2 54.2

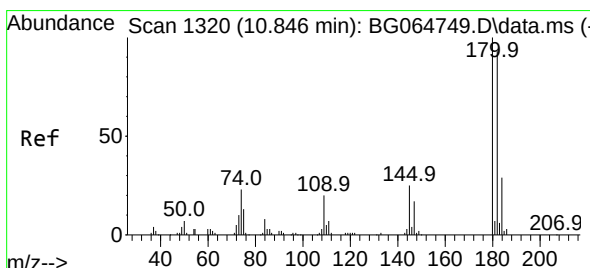
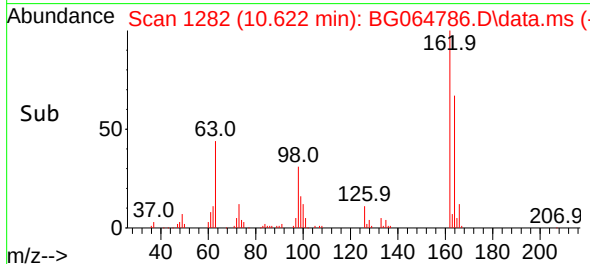
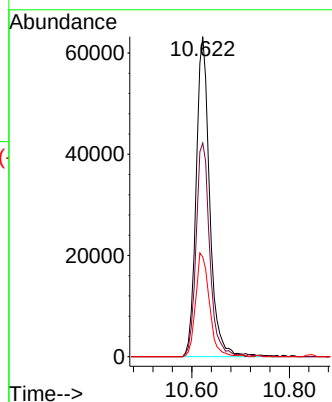
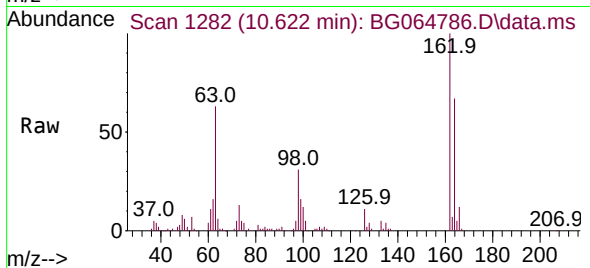
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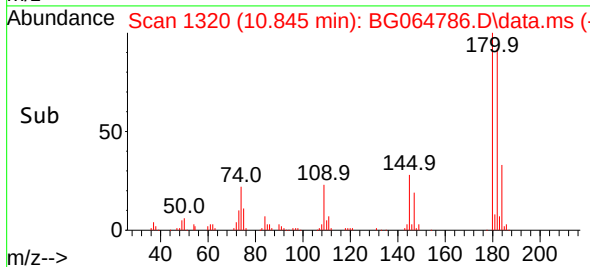
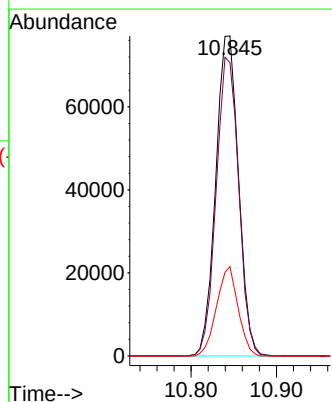
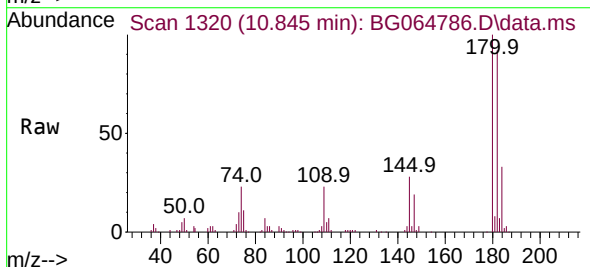
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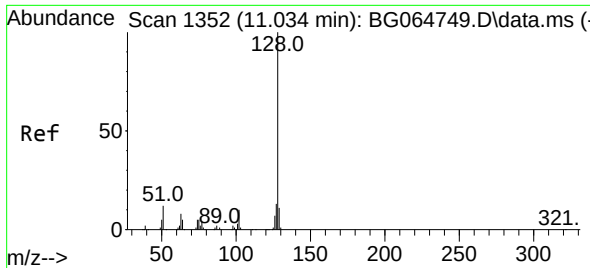
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#30
1,2,4-Trichlorobenzene
Concen: 47.296 ng
RT: 10.845 min Scan# 1320
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Tgt Ion:180 Resp: 142705
Ion Ratio Lower Upper
180 100
182 91.6 74.2 111.4
145 27.9 20.0 30.0





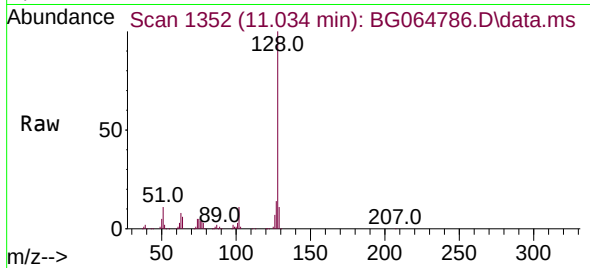
#31
Naphthalene
Concen: 44.238 ng
RT: 11.034 min Scan# 1352
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :

BNA_G

ClientSampleId :

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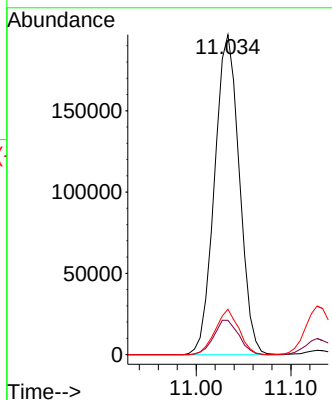
Tgt Ion:128 Resp: 357413
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 14.2 10.6 16.0

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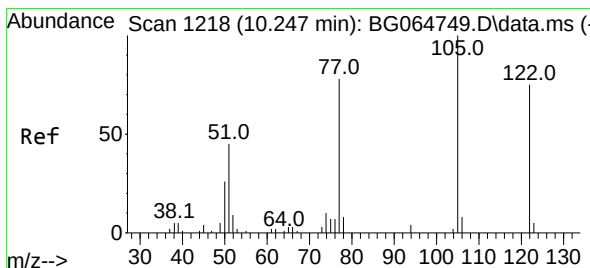
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

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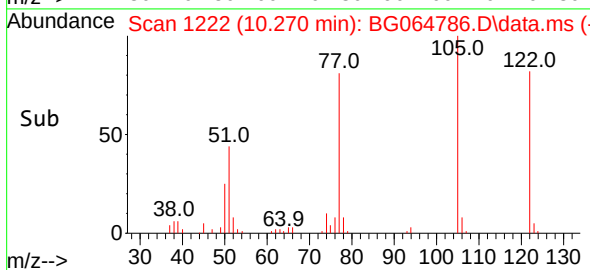
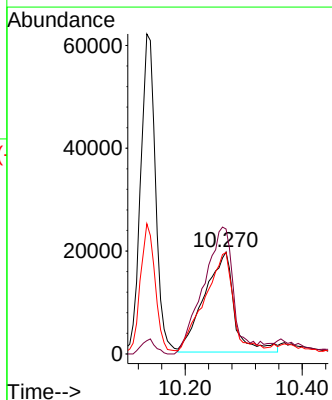
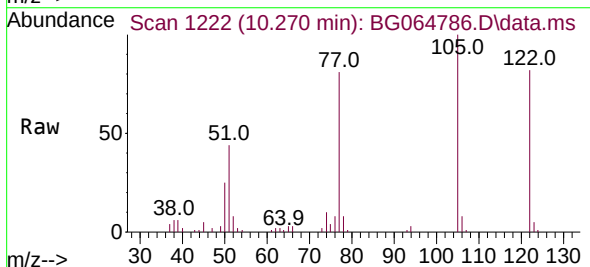


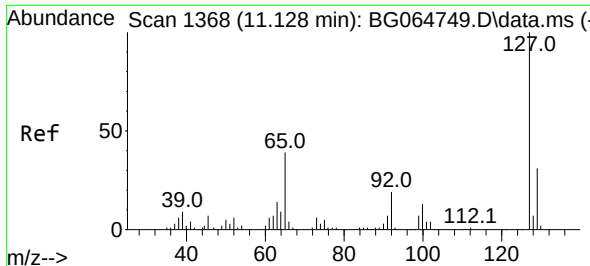
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#32
Benzoic acid
Concen: 42.828 ng m
RT: 10.270 min Scan# 1222
Delta R.T. 0.023 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Tgt Ion:122 Resp: 69164
Ion Ratio Lower Upper
122 100
105 122.5 107.6 147.6
77 99.7 82.5 122.5





#33
4-Chloroaniline
Concen: 18.826 ng
RT: 11.128 min Scan# 1368
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :

BNA_G

ClientSampleId :

PB170586BS

Tgt Ion:	127	Resp:	60843
Ion Ratio	Lower	Upper	
127	100		
129	33.0	24.9	37.3
65	40.3	30.9	46.3
92	20.5	15.1	22.7

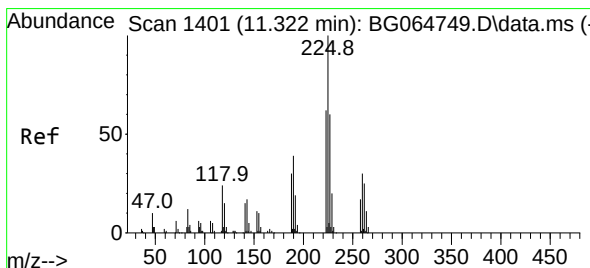
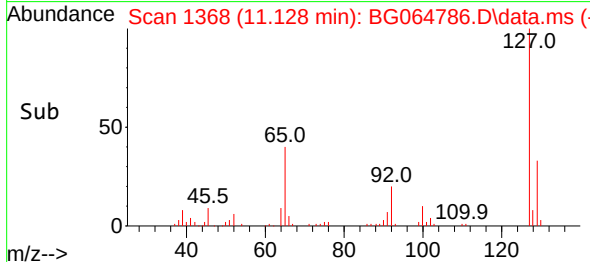
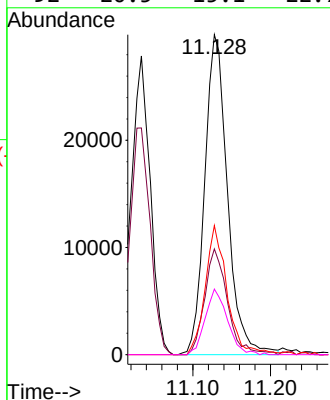
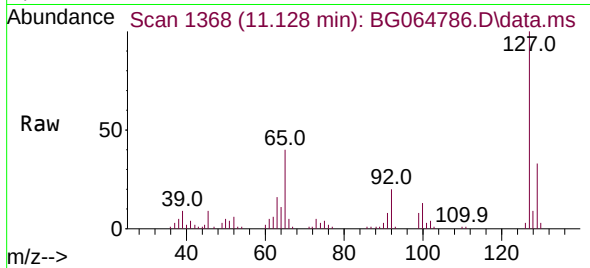
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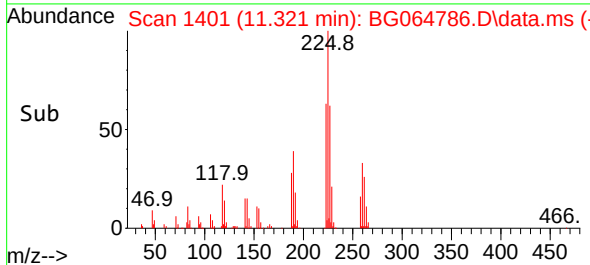
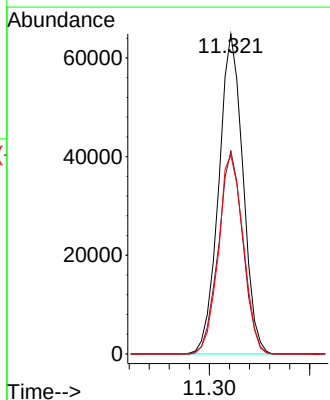
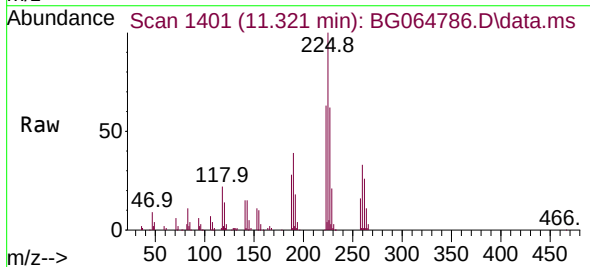
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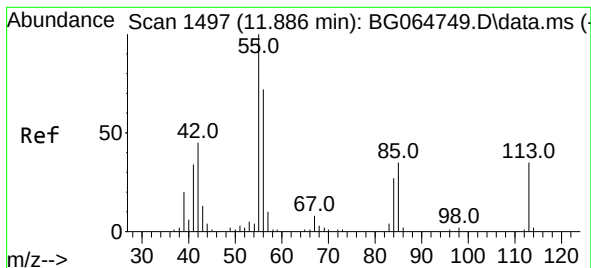
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#34
Hexachlorobutadiene
Concen: 41.934 ng
RT: 11.321 min Scan# 1401
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Tgt Ion:	225	Resp:	108562
Ion Ratio	Lower	Upper	
225	100		
223	63.4	49.9	74.9
227	62.1	50.6	75.8





#35
Caprolactam
Concen: 49.226 ng m
RT: 11.891 min Scan# 1497
Delta R.T. 0.005 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :

BNA_G

ClientSampleId :

PB170586BS

Tgt Ion:113 Resp: 36790
Ion Ratio Lower Upper
113 100
55 266.2 263.7 303.7
56 177.6 184.0 224.0

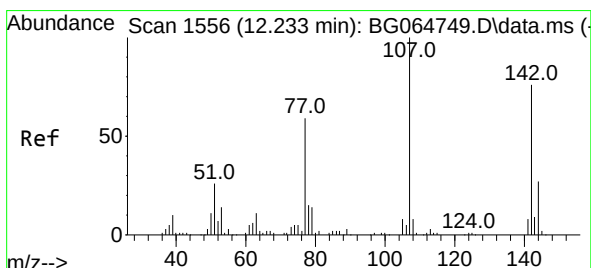
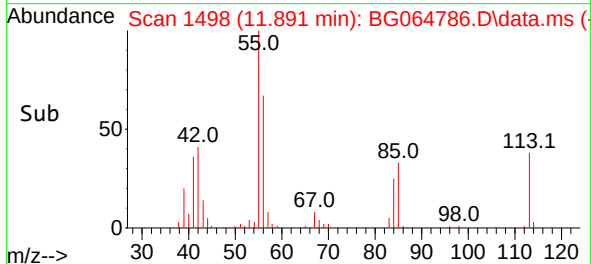
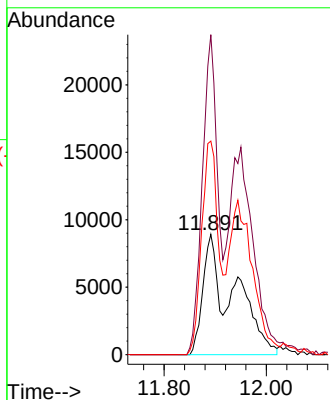
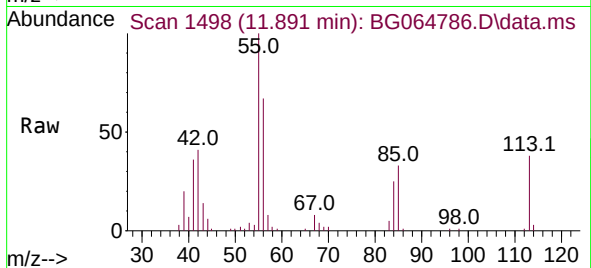
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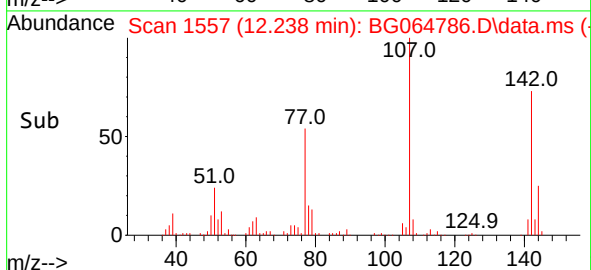
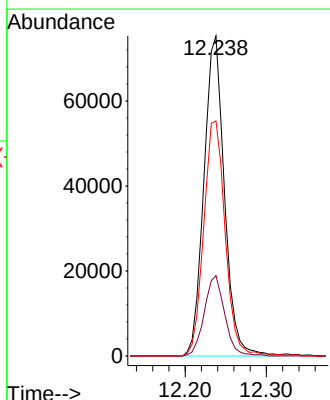
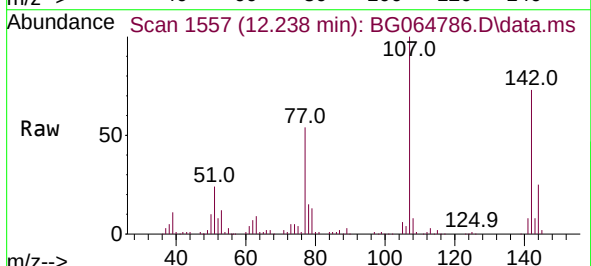
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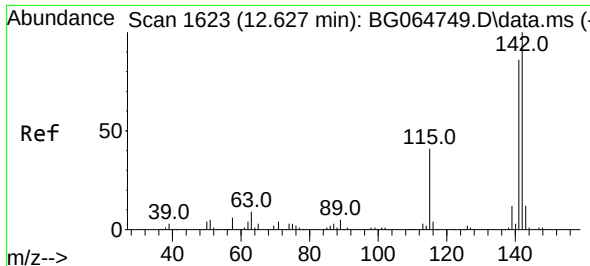
11/18/2025



#36
4-Chloro-3-methylphenol
Concen: 47.558 ng
RT: 12.238 min Scan# 1557
Delta R.T. 0.005 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Tgt Ion:107 Resp: 132269
Ion Ratio Lower Upper
107 100
144 25.1 21.7 32.5
142 73.4 60.8 91.2





#37
2-Methylnaphthalene
Concen: 39.281 ng
RT: 12.626 min Scan# 1623
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :

BNA_G

ClientSampleId :

PB170586BS

Tgt Ion:142 Resp: 237489
Ion Ratio Lower Upper
142 100
141 86.8 69.1 103.7
115 38.9 32.9 49.3

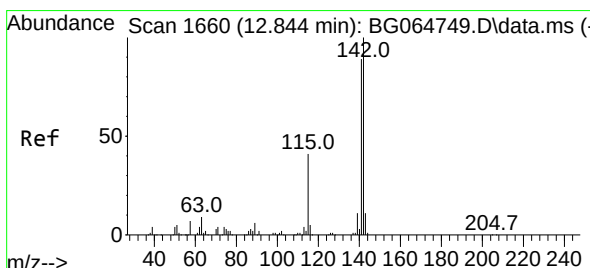
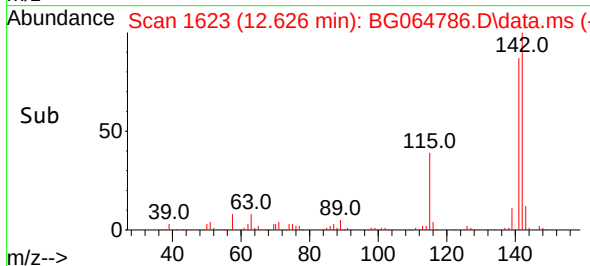
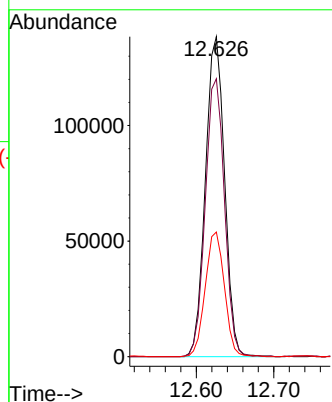
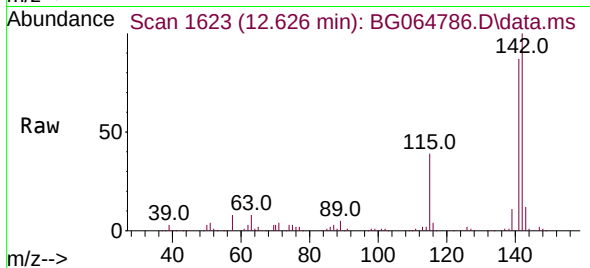
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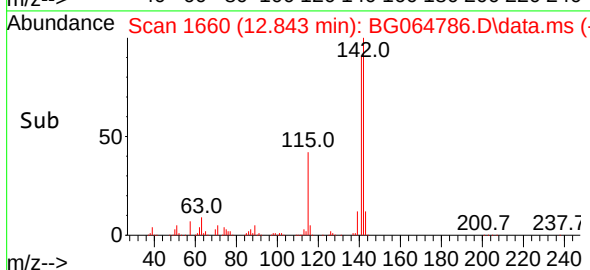
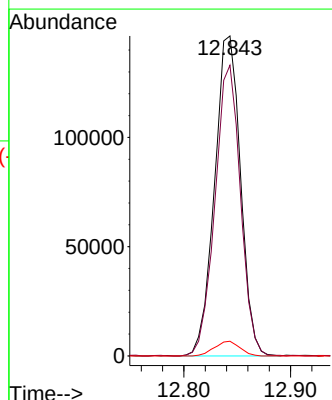
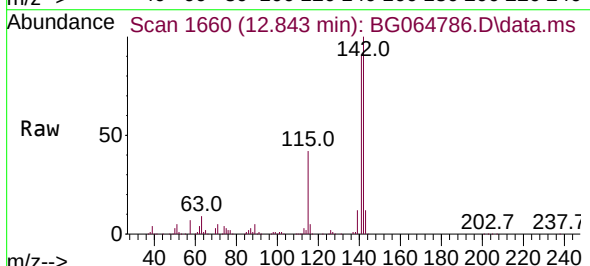
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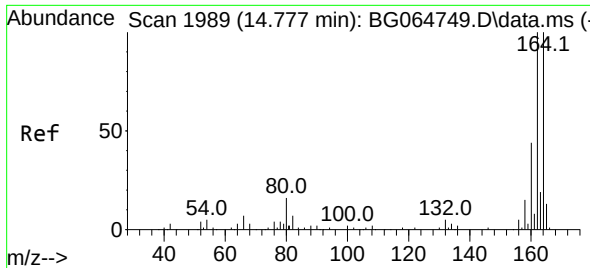
11/18/2025



#38
1-Methylnaphthalene
Concen: 41.353 ng
RT: 12.843 min Scan# 1660
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Tgt Ion:142 Resp: 248354
Ion Ratio Lower Upper
142 100
141 90.8 70.8 106.2
116 4.6 3.7 5.5





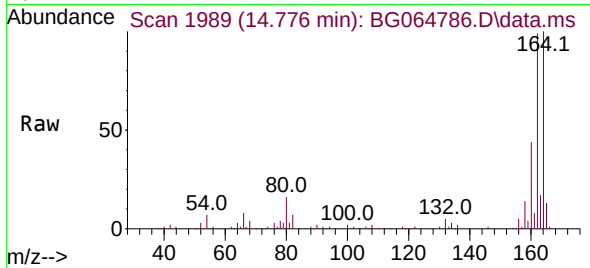
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.776 min Scan# 1989
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :

BNA_G

ClientSampleId :

PB170586BS



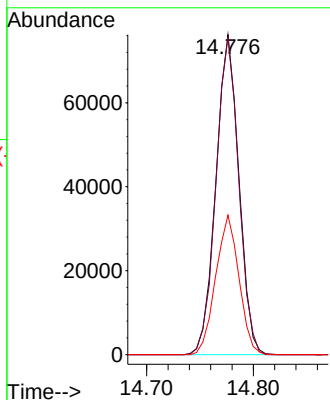
Tgt Ion:164 Resp: 114088
Ion Ratio Lower Upper
164 100
162 99.0 79.8 119.6
160 43.6 34.9 52.3

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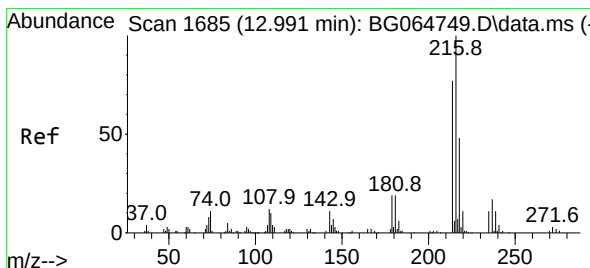
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

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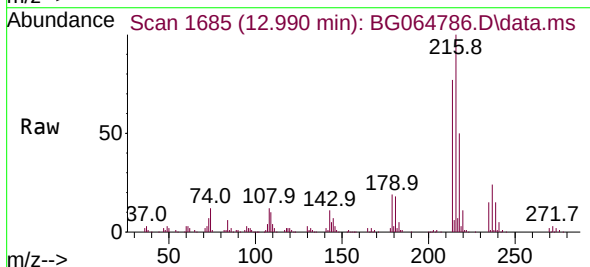
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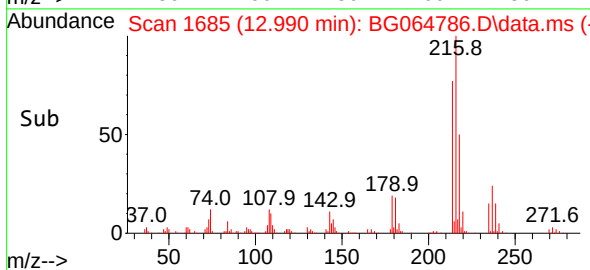
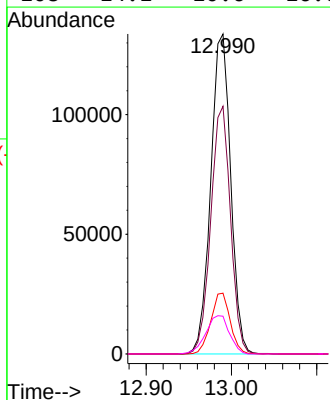
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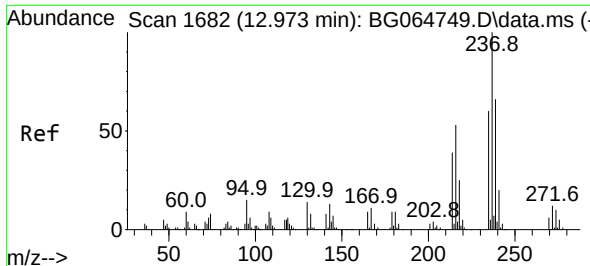


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.908 ng
RT: 12.990 min Scan# 1685
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58



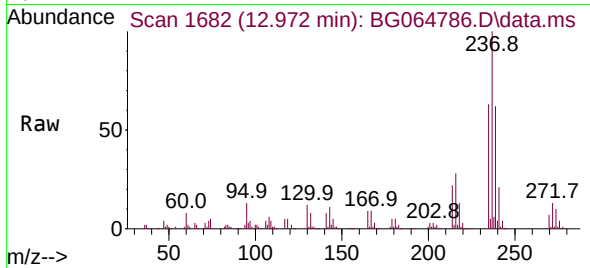
Tgt Ion:216 Resp: 217151
Ion Ratio Lower Upper
216 100
214 76.4 60.5 90.7
179 18.4 14.7 22.1
108 14.1 10.6 16.0





#41
Hexachlorocyclopentadiene
Concen: 80.581 ng
RT: 12.972 min Scan# 1682
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :
BNA_G
ClientSampleId :
PB170586BS



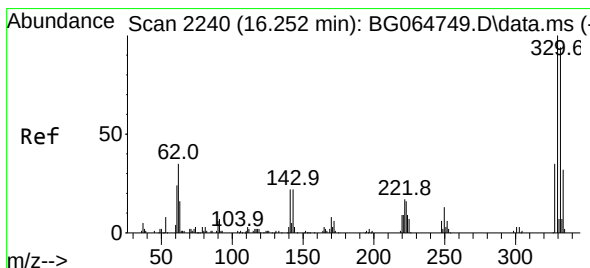
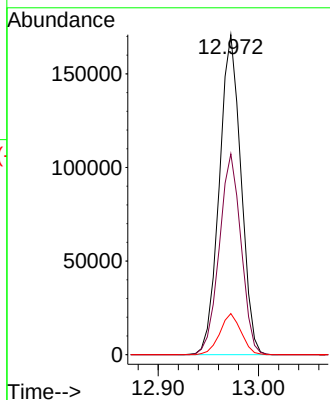
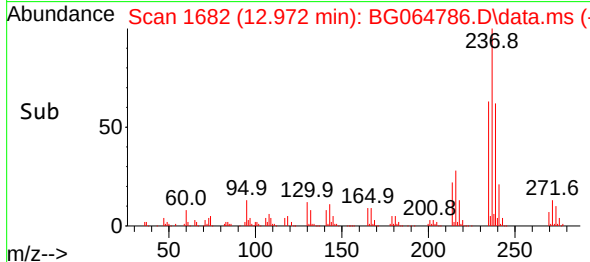
Tgt Ion:237 Resp: 256447
Ion Ratio Lower Upper
237 100
235 62.7 40.2 80.2
272 12.8 0.0 31.9

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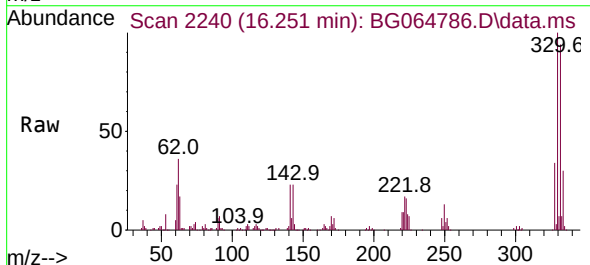
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

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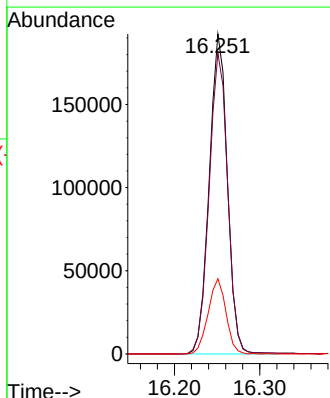
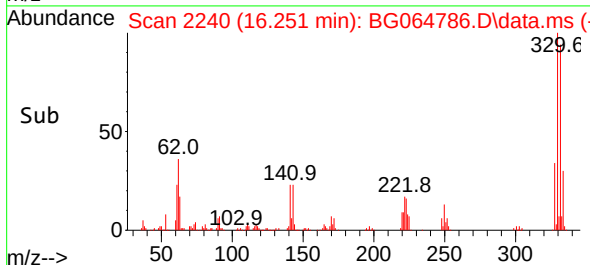
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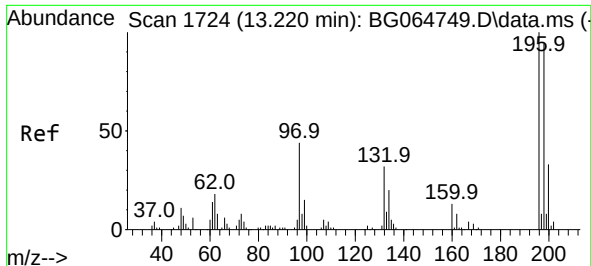


#42
2,4,6-Tribromophenol
Concen: 127.551 ng
RT: 16.251 min Scan# 2240
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58



Tgt Ion:330 Resp: 283809
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 23.0 18.2 27.2





#43
2,4,6-Trichlorophenol
Concen: 46.927 ng
RT: 13.219 min Scan# 1724
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :

BNA_G

ClientSampleId :

PB170586BS

Tgt Ion:196 Resp: 122285
Ion Ratio Lower Upper
196 100
198 94.3 75.3 112.9
200 30.8 26.2 39.2

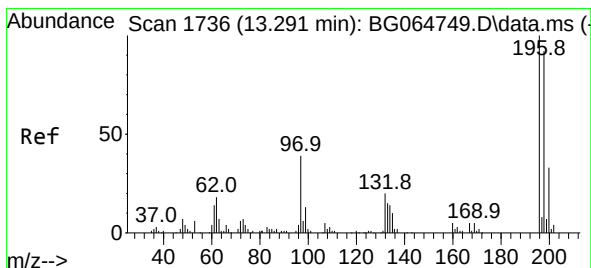
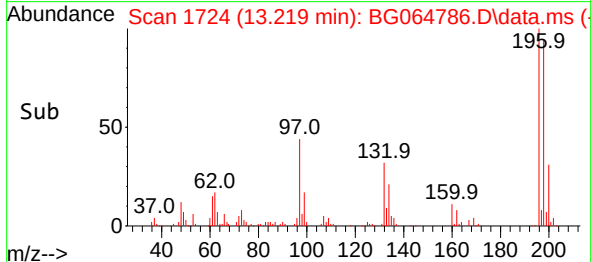
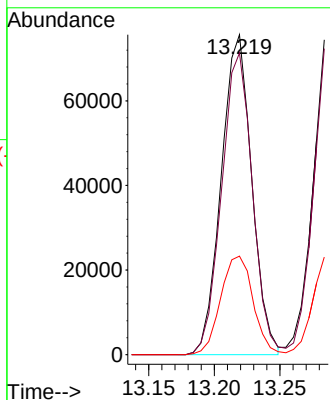
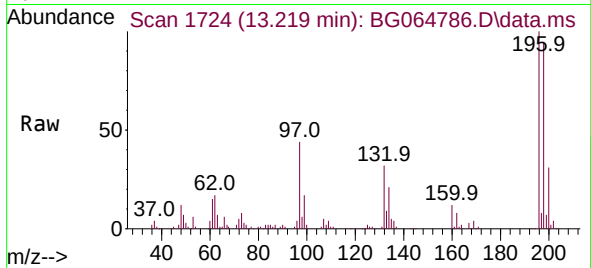
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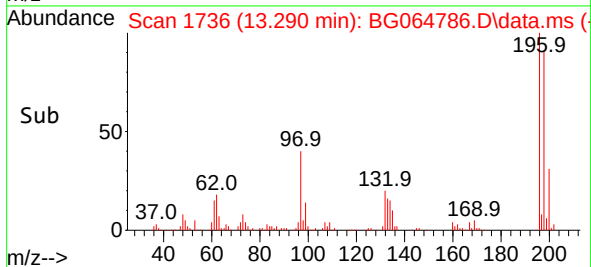
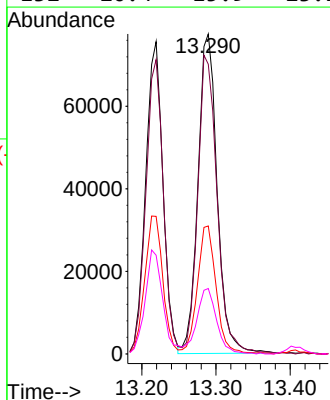
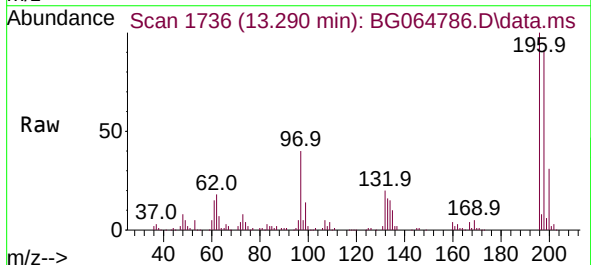
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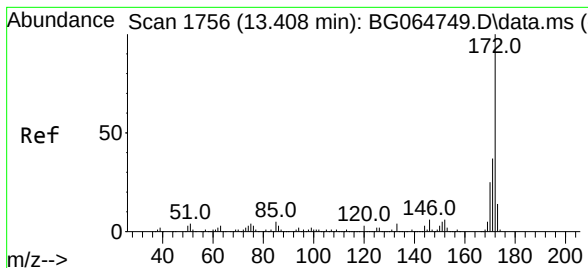
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#44
2,4,5-Trichlorophenol
Concen: 47.849 ng
RT: 13.290 min Scan# 1736
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

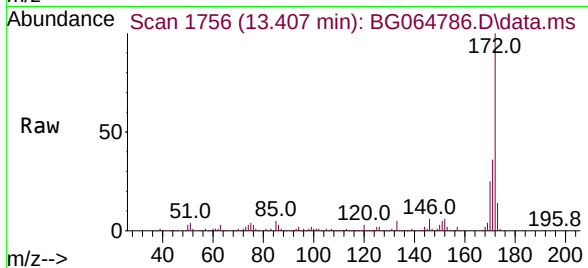
Tgt Ion:196 Resp: 139846
Ion Ratio Lower Upper
196 100
198 90.5 73.2 109.8
97 40.0 31.4 47.0
132 20.4 15.9 23.9





#45
2-Fluorobiphenyl
Concen: 79.340 ng
RT: 13.407 min Scan# 1756
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :
BNA_G
ClientSampleId :
PB170586BS



Tgt Ion:172 Resp: 648712
Ion Ratio Lower Upper
172 100
171 35.8 29.9 44.9
170 25.1 19.8 29.6

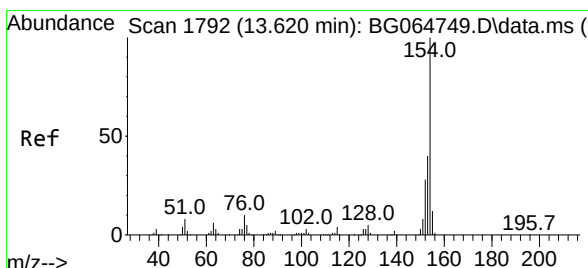
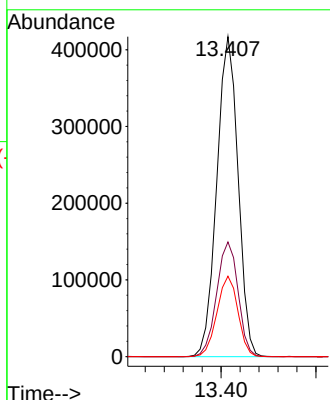
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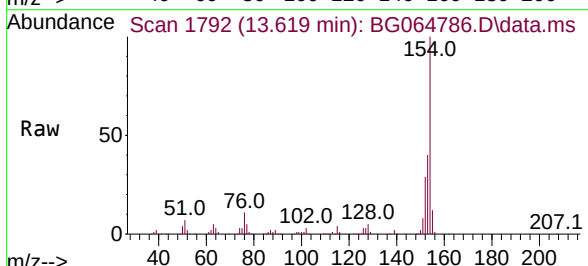
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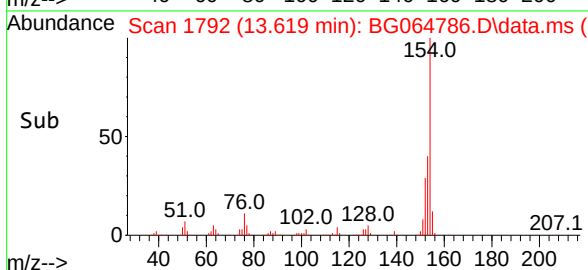
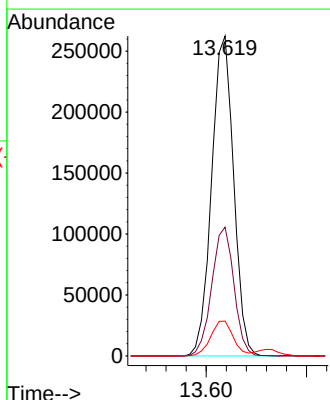
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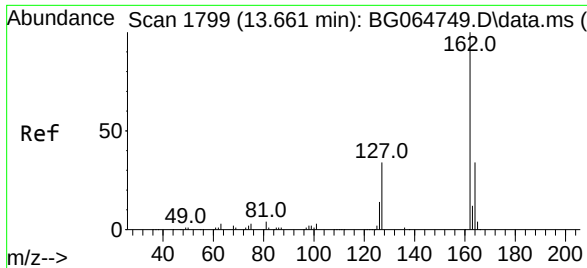


#46
1,1'-Biphenyl
Concen: 48.819 ng
RT: 13.619 min Scan# 1792
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58



Tgt Ion:154 Resp: 400034
Ion Ratio Lower Upper
154 100
153 40.2 19.8 59.8
76 10.9 0.0 30.0





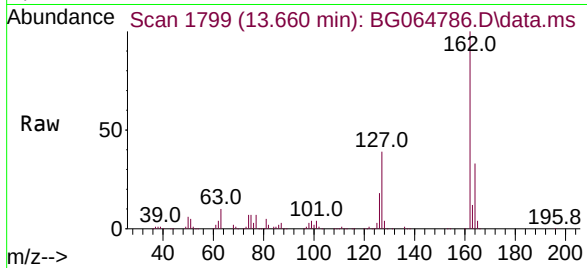
#47
2-Chloronaphthalene
Concen: 44.754 ng
RT: 13.660 min Scan# 1799
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :

BNA_G

ClientSampleId :

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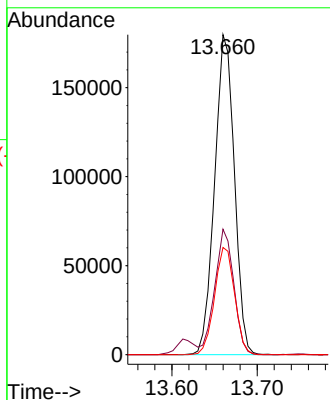
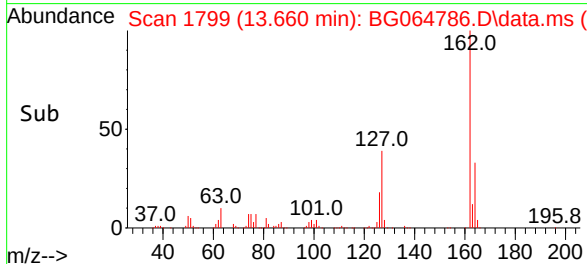
Tgt Ion:162 Resp: 288916
Ion Ratio Lower Upper
162 100
127 39.2 30.3 45.5
164 33.5 26.8 40.2

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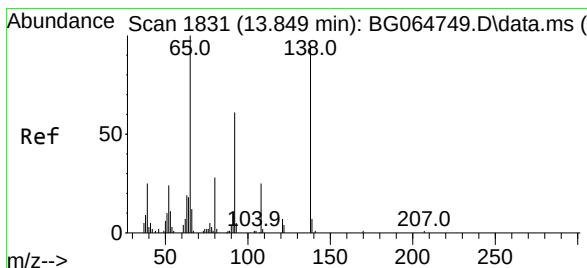
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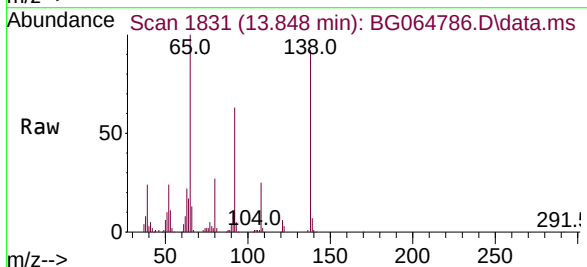
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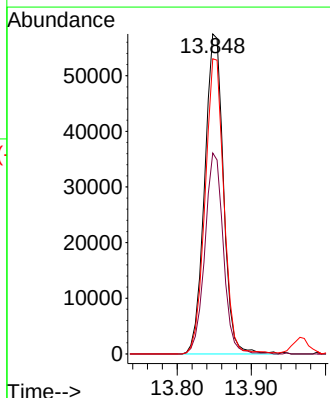
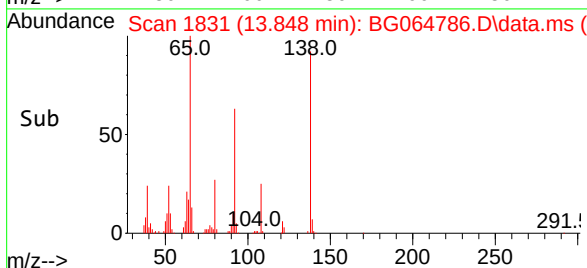
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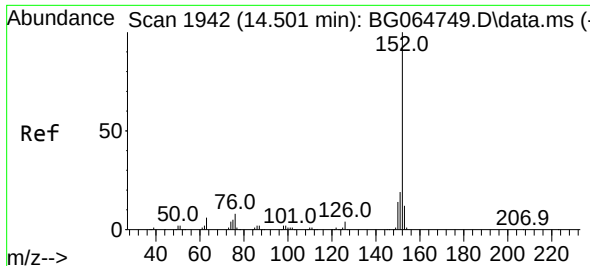


#48
2-Nitroaniline
Concen: 48.667 ng
RT: 13.848 min Scan# 1831
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58



Tgt Ion: 65 Resp: 101052
Ion Ratio Lower Upper
65 100
92 62.8 48.6 73.0
138 92.2 76.4 114.6





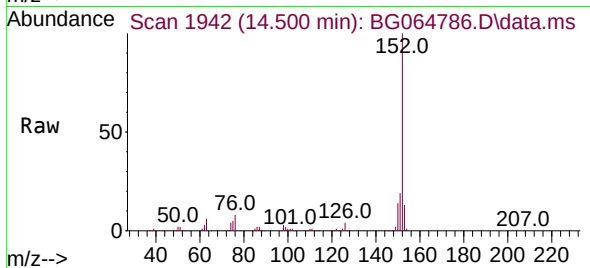
#49
Acenaphthylene
Concen: 45.600 ng
RT: 14.500 min Scan# 1942
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :

BNA_G

ClientSampleId :

PB170586BS



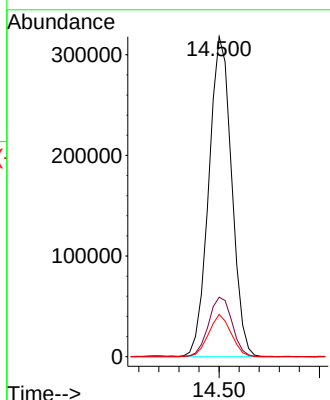
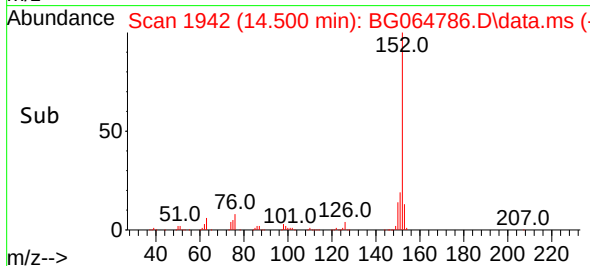
Tgt Ion:152 Resp: 502909
Ion Ratio Lower Upper
152 100
151 18.6 15.0 22.4
153 13.2 9.9 14.9

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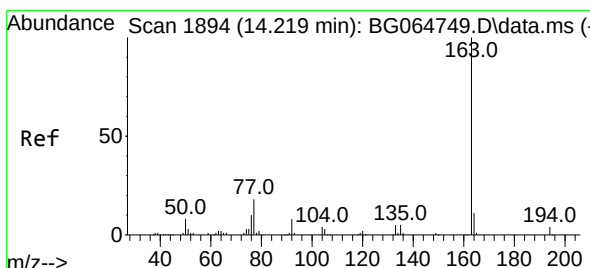
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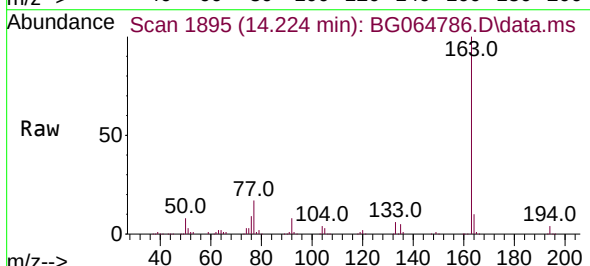
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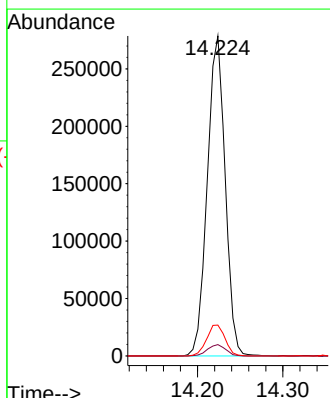
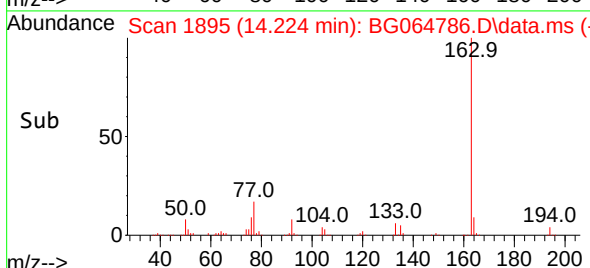
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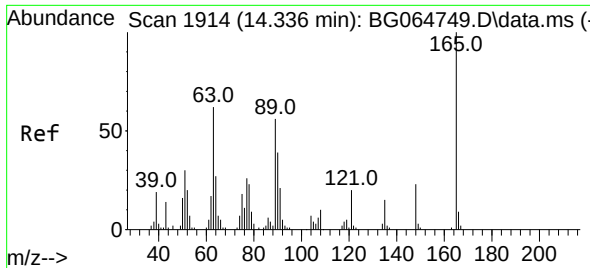


#50
Dimethylphthalate
Concen: 45.017 ng
RT: 14.224 min Scan# 1895
Delta R.T. 0.005 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58



Tgt Ion:163 Resp: 405699
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 9.6 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 49.111 ng
RT: 14.336 min Scan# 1914
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :

BNA_G

ClientSampleId :

PB170586BS

Tgt Ion:165 Resp: 85166
Ion Ratio Lower Upper
165 100
63 61.2 49.8 74.8
89 55.2 45.0 67.4

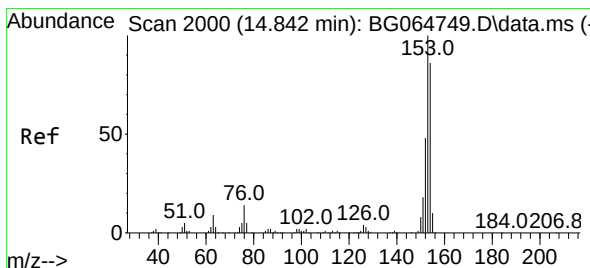
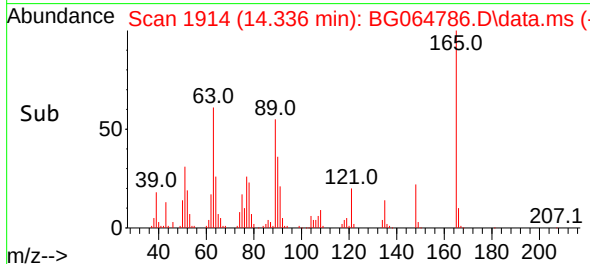
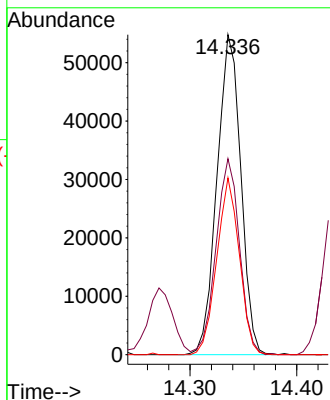
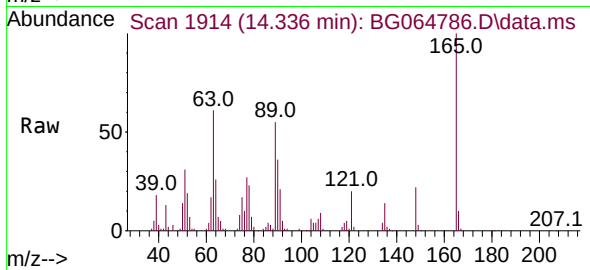
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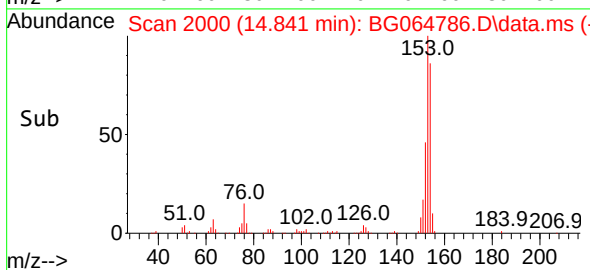
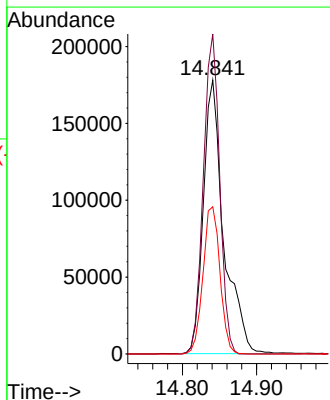
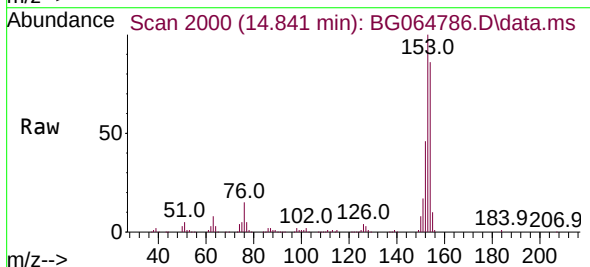
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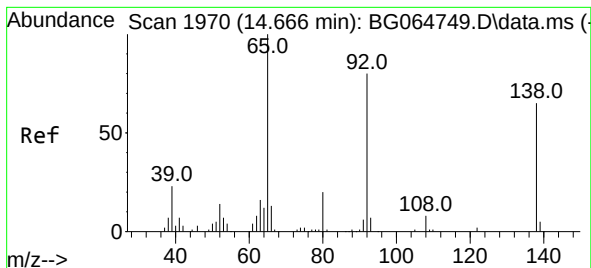
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#52
Acenaphthene
Concen: 51.606 ng
RT: 14.841 min Scan# 2000
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Tgt Ion:154 Resp: 341253
Ion Ratio Lower Upper
154 100
153 116.9 93.0 139.4
152 53.7 44.4 66.6





#53
3-Nitroaniline
Concen: 31.789 ng
RT: 14.665 min Scan# 1970
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :

BNA_G

ClientSampleId :

PB170586BS

Tgt Ion:138 Resp: 54409
Ion Ratio Lower Upper
138 100
108 11.1 9.5 14.3
92 119.4 99.0 148.4

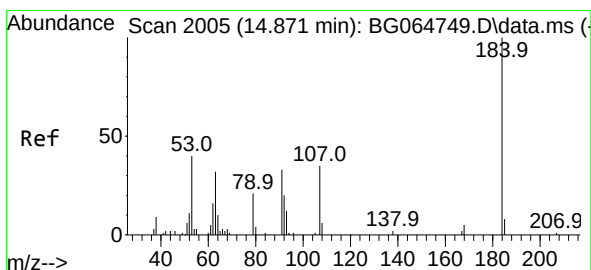
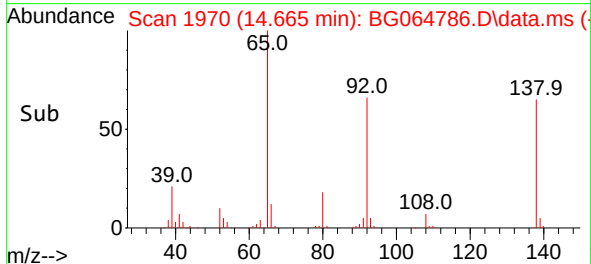
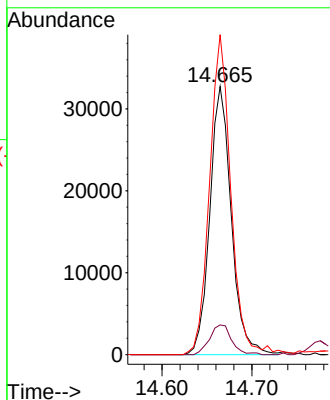
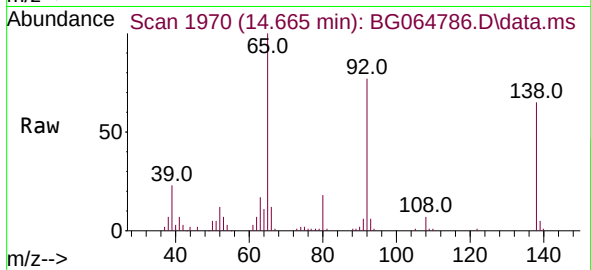
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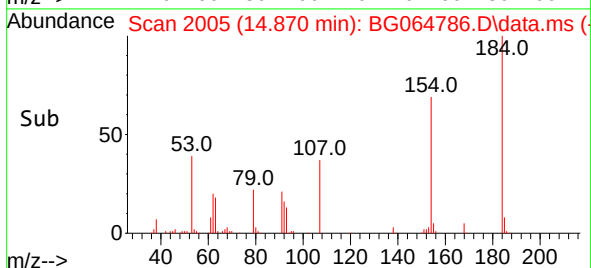
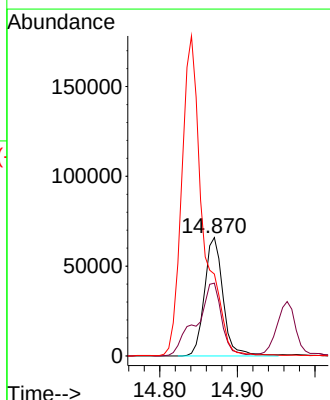
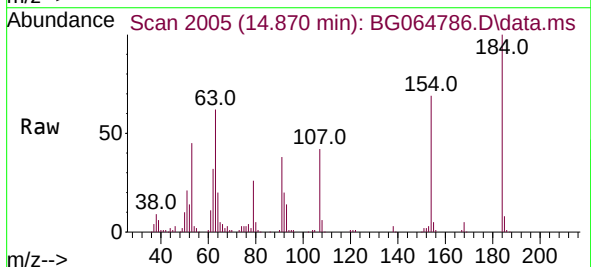
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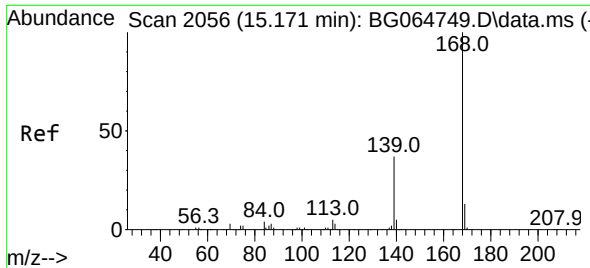
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#54
2,4-Dinitrophenol
Concen: 90.799 ng
RT: 14.870 min Scan# 2005
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Tgt Ion:184 Resp: 109403
Ion Ratio Lower Upper
184 100
63 61.5 45.8 68.6
154 69.2 52.6 78.8





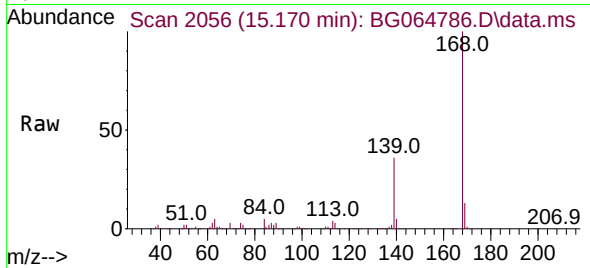
#55
Dibenzofuran
Concen: 45.293 ng
RT: 15.170 min Scan# 2056
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :

BNA_G

ClientSampleId :

PB170586BS



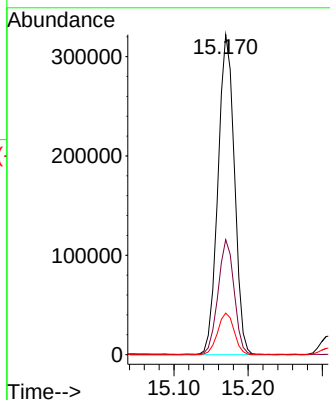
Tgt Ion:168 Resp: 495164
Ion Ratio Lower Upper
168 100
139 35.9 29.5 44.3
169 13.0 10.4 15.6

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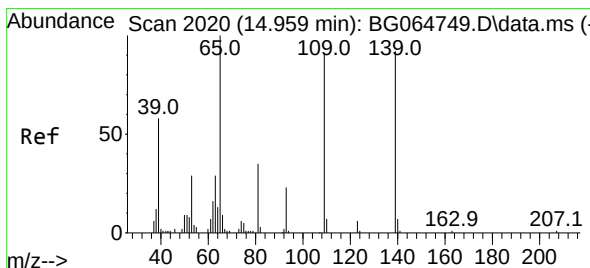
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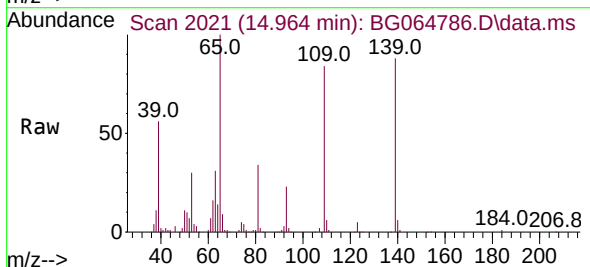
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Supervised By :Sohil
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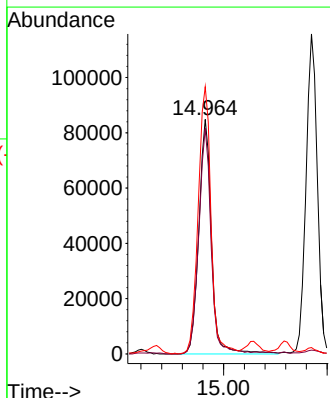
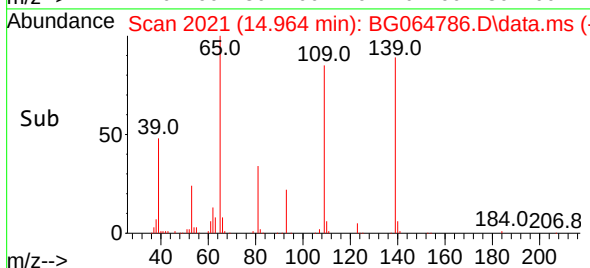
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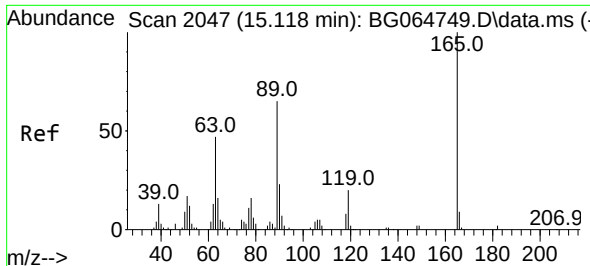


#56
4-Nitrophenol
Concen: 106.389 ng
RT: 14.964 min Scan# 2021
Delta R.T. 0.005 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58



Tgt Ion:139 Resp: 144474
Ion Ratio Lower Upper
139 100
109 96.2 79.7 119.7
65 113.9 89.9 129.9





#57
2,4-Dinitrotoluene
Concen: 49.036 ng
RT: 15.117 min Scan# 2047
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :

BNA_G

ClientSampleId :

PB170586BS

Tgt Ion:165 Resp: 127486
Ion Ratio Lower Upper
165 100
63 45.3 37.8 56.6
89 67.8 51.6 77.4
182 2.6 2.0 3.0

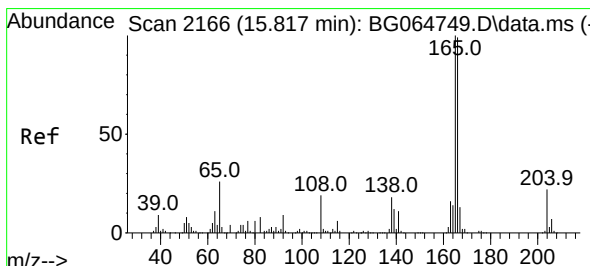
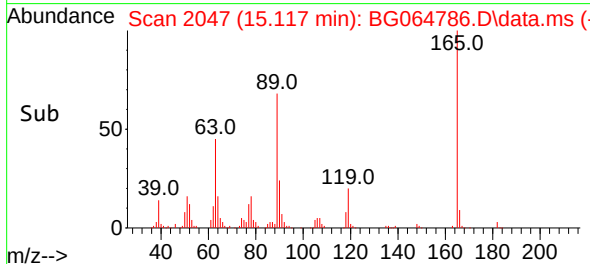
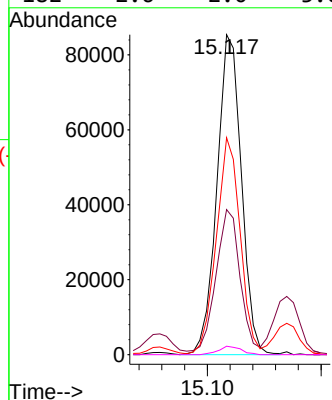
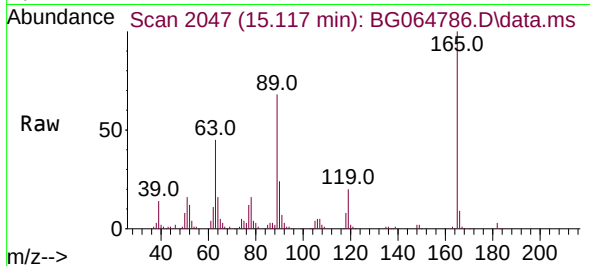
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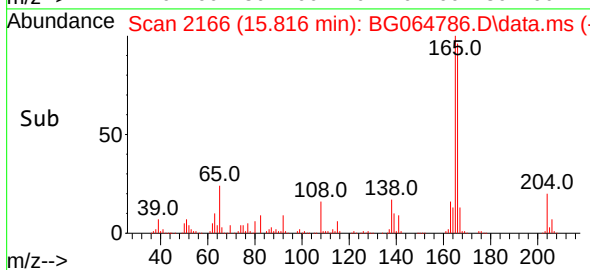
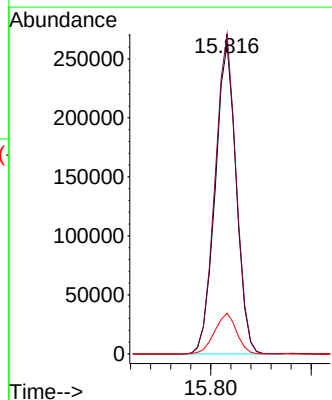
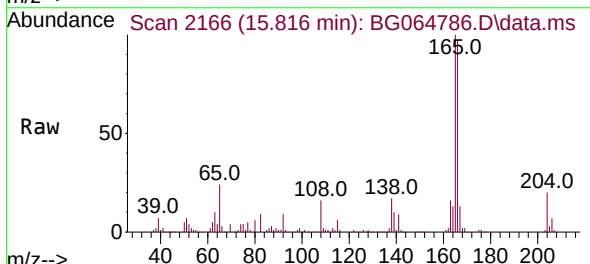
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Supervised By :Sohil
Jodhani

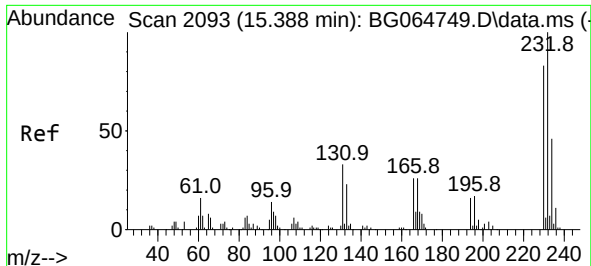
11/18/2025



#58
Fluorene
Concen: 44.684 ng
RT: 15.816 min Scan# 2166
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Tgt Ion:166 Resp: 383133
Ion Ratio Lower Upper
166 100
165 103.3 80.5 120.7
167 13.2 10.3 15.5





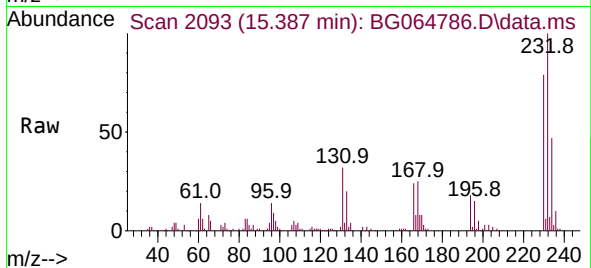
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.905 ng
RT: 15.387 min Scan# 2093
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :

BNA_G

ClientSampleId :

PB170586BS



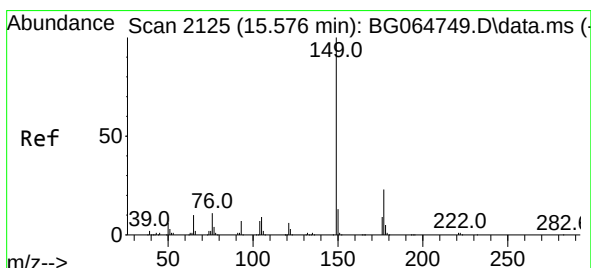
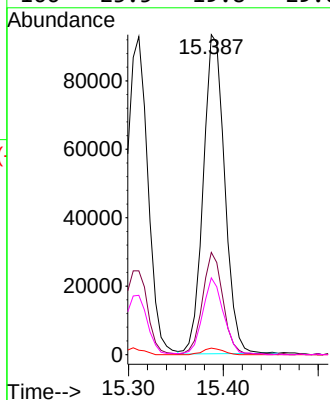
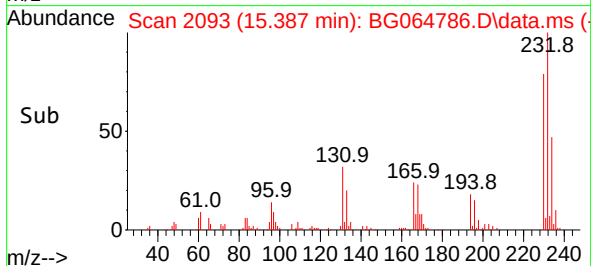
Tgt Ion:232 Resp: 146792
Ion Ratio Lower Upper
232 100
131 30.8 26.0 39.0
130 1.9 1.6 2.4
166 23.5 19.8 29.6

Manual Integrations
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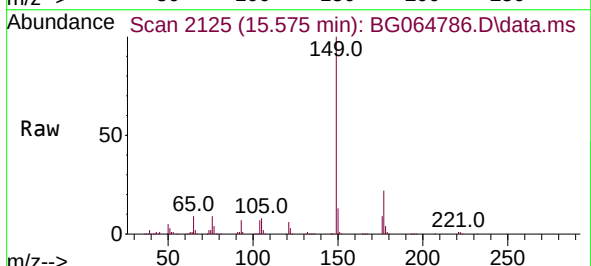
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

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Jodhani
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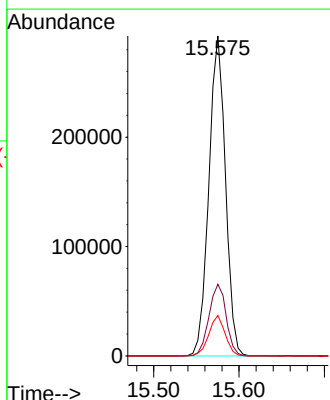
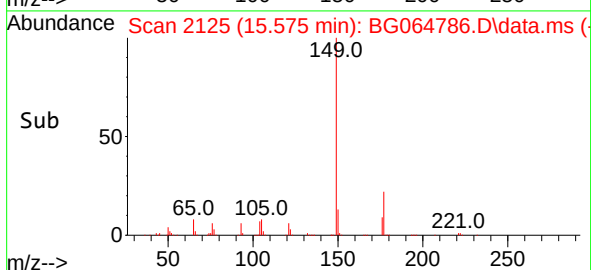
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Supervised By :Sohil
Jodhani

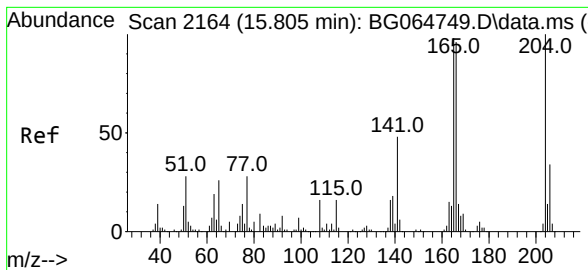


#60
Diethylphthalate
Concen: 45.746 ng
RT: 15.575 min Scan# 2125
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58



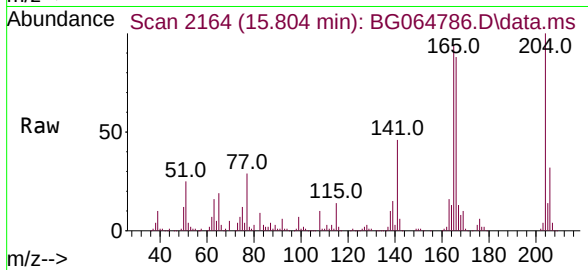
Tgt Ion:149 Resp: 394940
Ion Ratio Lower Upper
149 100
177 22.4 18.4 27.6
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.085 ng
RT: 15.804 min Scan# 2164
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :
BNA_G
ClientSampleId :
PB170586BS



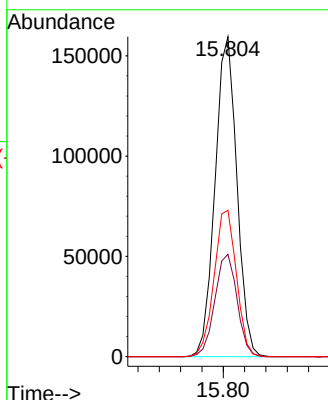
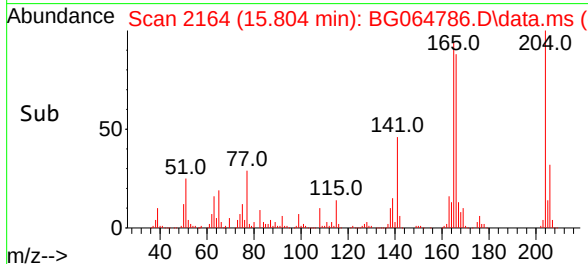
Tgt Ion:204 Resp: 226853
Ion Ratio Lower Upper
204 100
206 32.0 26.9 40.3
141 45.7 38.1 57.1

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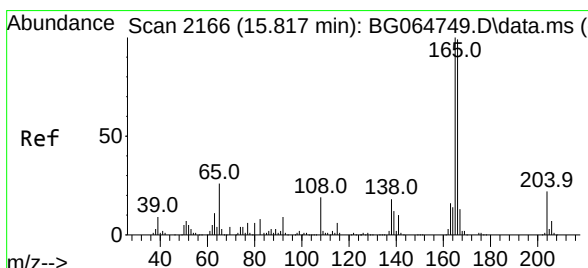
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

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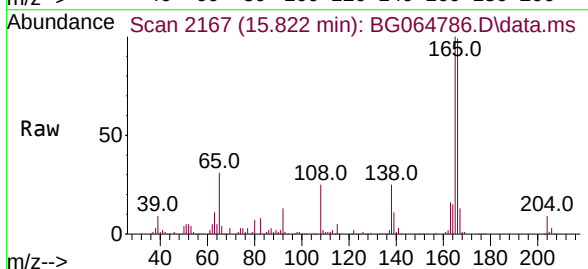
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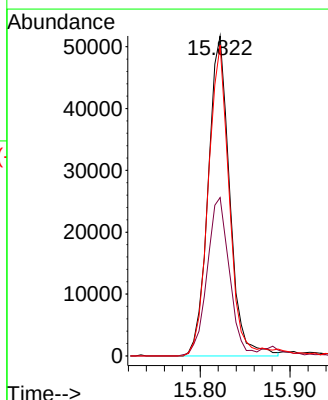
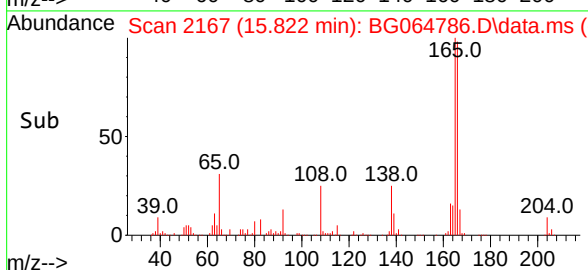
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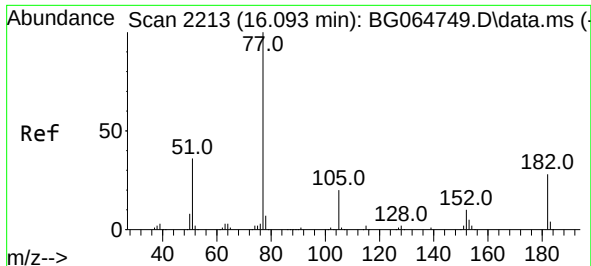


#62
4-Nitroaniline
Concen: 48.480 ng
RT: 15.822 min Scan# 2167
Delta R.T. 0.005 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58



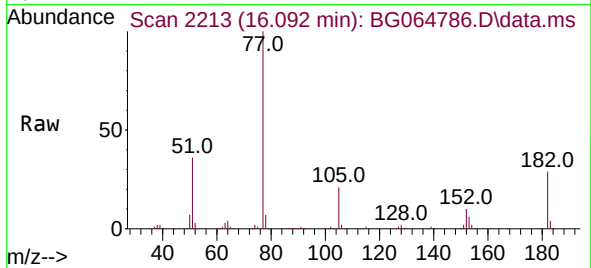
Tgt Ion:138 Resp: 85962
Ion Ratio Lower Upper
138 100
92 49.5 30.7 70.7
108 97.1 85.7 125.7





#63
Azobenzene
Concen: 46.626 ng
RT: 16.092 min Scan# 211
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :
BNA_G
ClientSampleId :
PB170586BS



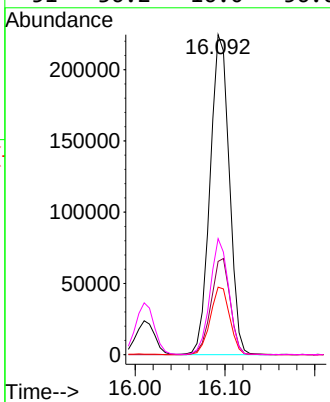
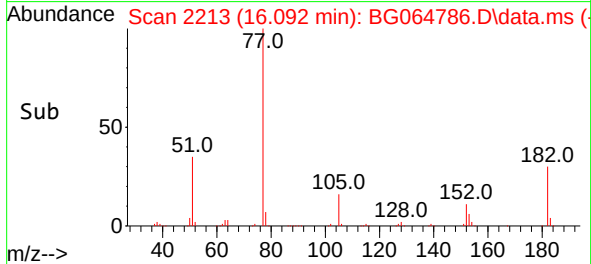
Tgt Ion: 77 Resp: 334815
Ion Ratio Lower Upper
77 100
182 29.1 8.1 48.1
105 21.1 0.1 40.1
51 36.2 16.0 56.0

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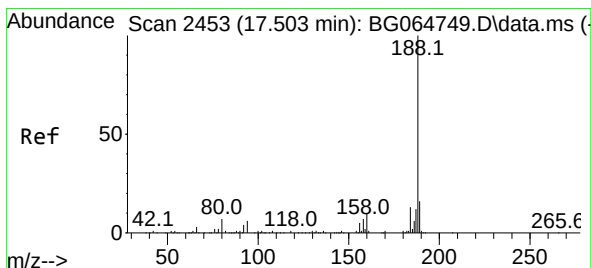
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

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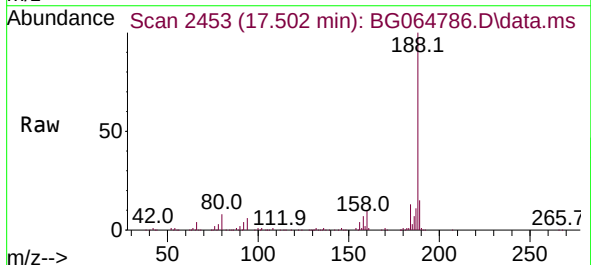
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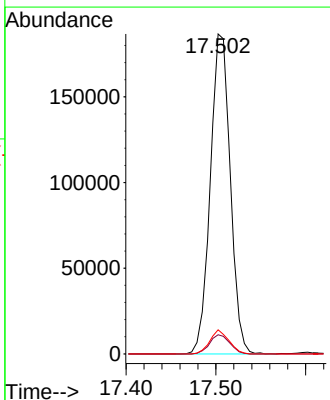
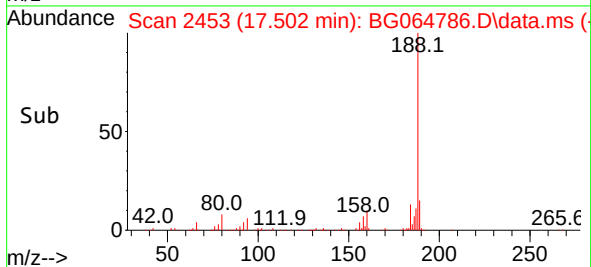
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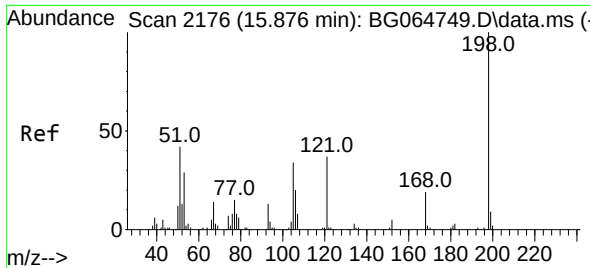


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.502 min Scan# 2453
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58



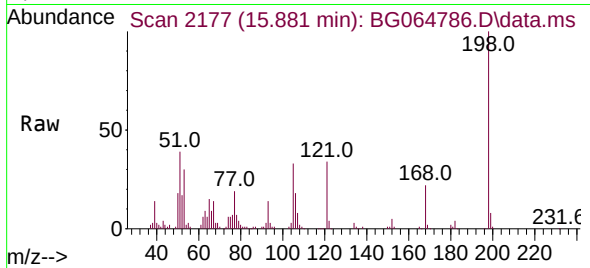
Tgt Ion:188 Resp: 287923
Ion Ratio Lower Upper
188 100
94 6.0 4.7 7.1
80 7.5 5.4 8.2





#65
4,6-Dinitro-2-methylphenol
Concen: 52.317 ng
RT: 15.881 min Scan# 2177
Delta R.T. 0.005 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :
BNA_G
ClientSampleId :
PB170586BS



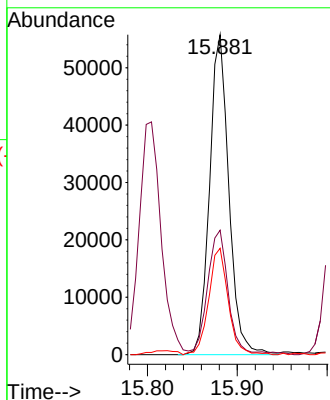
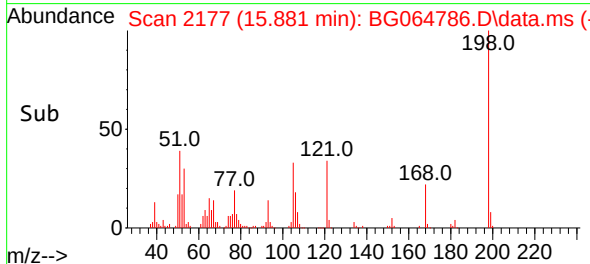
Tgt Ion:198 Resp: 83634
Ion Ratio Lower Upper
198 100
51 38.9 25.2 65.2
105 33.2 14.2 54.2

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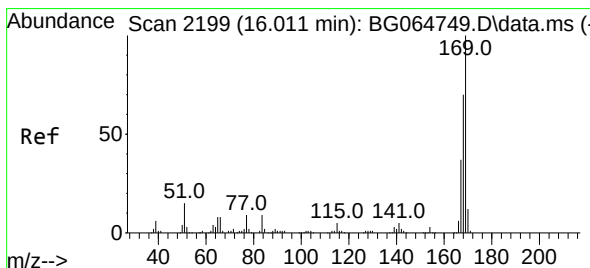
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

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Supervised By :Sohil
Jodhani

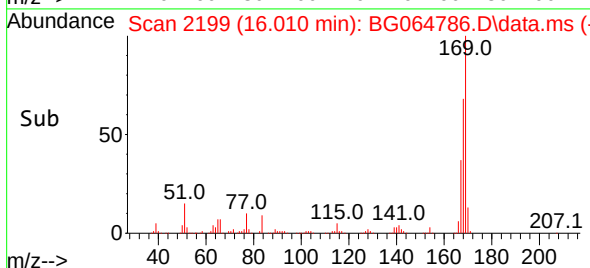
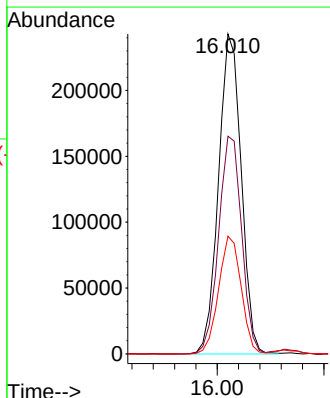
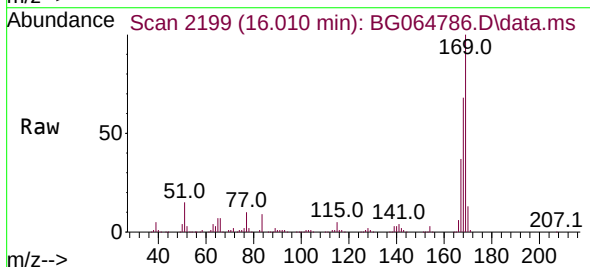


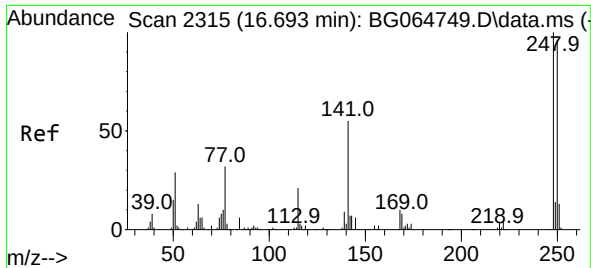
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#66
n-Nitrosodiphenylamine
Concen: 47.698 ng
RT: 16.010 min Scan# 2199
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

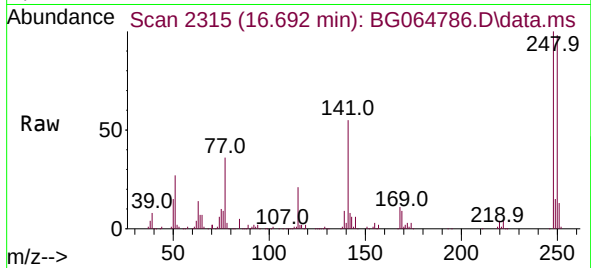
Tgt Ion:169 Resp: 359722
Ion Ratio Lower Upper
169 100
168 68.0 55.9 83.9
167 36.8 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 45.341 ng
RT: 16.692 min Scan# 2315
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :
BNA_G
ClientSampleId :
PB170586BS



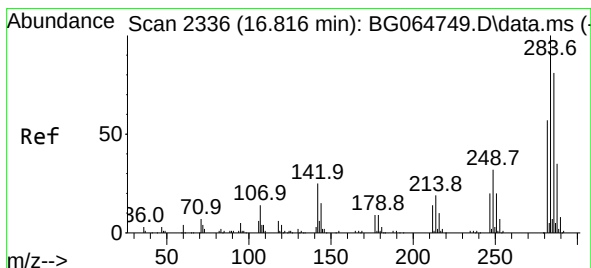
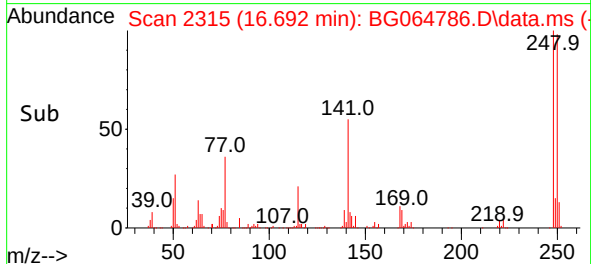
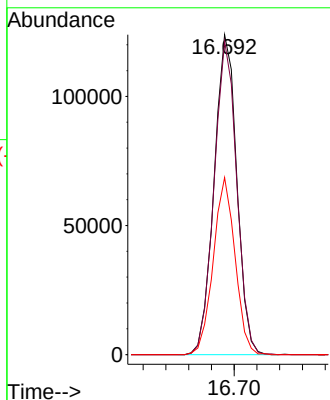
Tgt Ion:248 Resp: 171438
Ion Ratio Lower Upper
248 100
250 98.0 77.0 115.6
141 55.3 43.7 65.5

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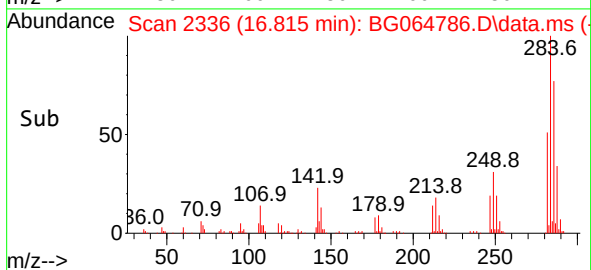
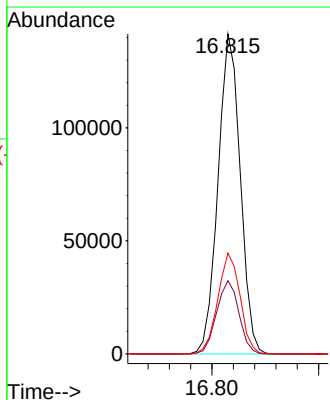
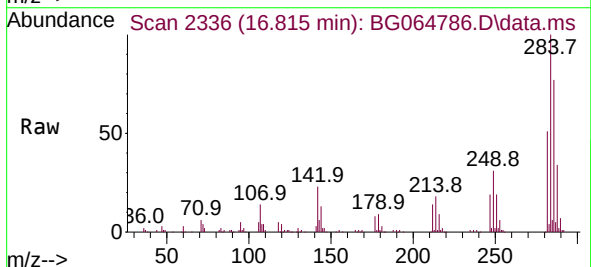
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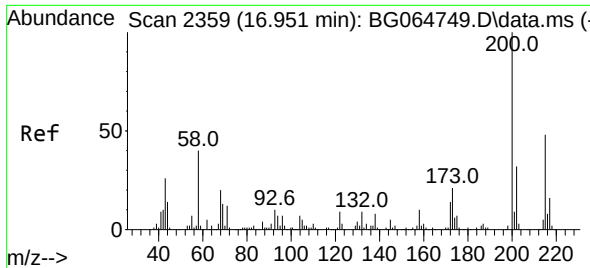
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#68
Hexachlorobenzene
Concen: 44.839 ng
RT: 16.815 min Scan# 2336
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Tgt Ion:284 Resp: 205406
Ion Ratio Lower Upper
284 100
142 22.9 19.7 29.5
249 31.5 28.1 42.1





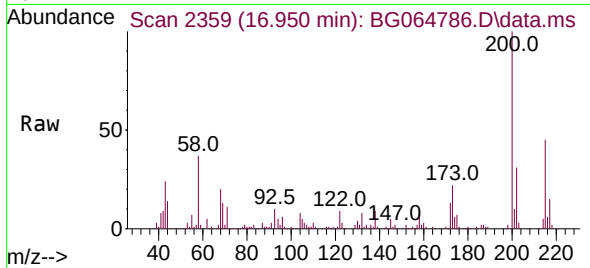
#69
 Atrazine
 Concen: 47.228 ng
 RT: 16.950 min Scan# 2359
 Delta R.T. -0.001 min
 Lab File: BG064786.D
 Acq: 17 Nov 2025 15:58

Instrument :

BNA_G

ClientSampleId :

PB170586BS



Tgt Ion:200 Resp: 171725
 Ion Ratio Lower Upper
 200 100
 173 21.9 0.9 40.9
 215 45.2 27.5 67.5

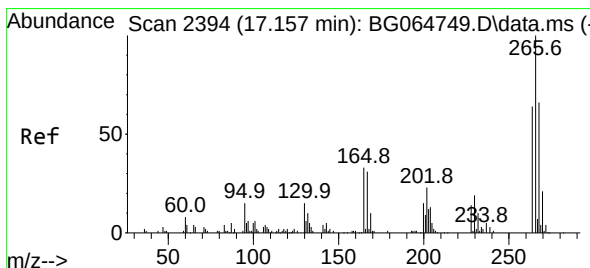
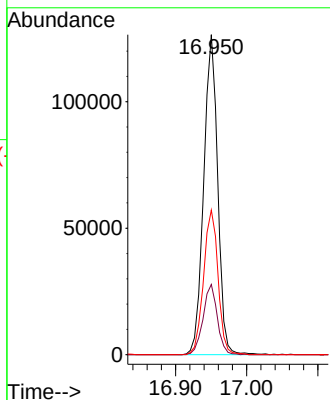
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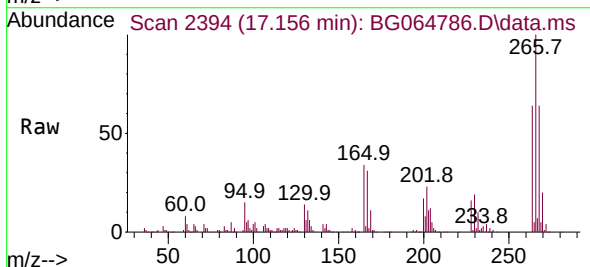
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 Supervised By :Sohil
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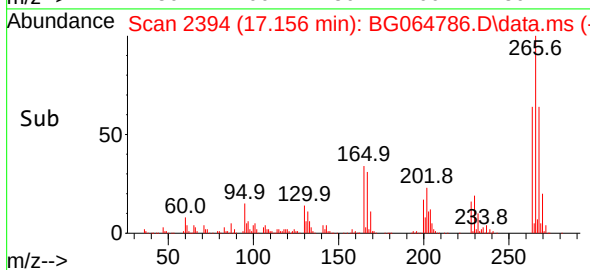
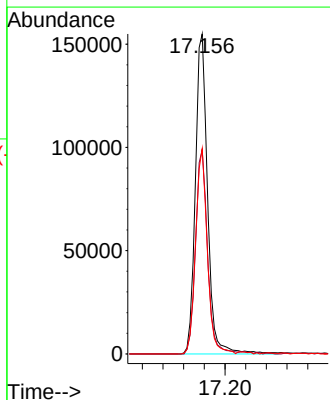
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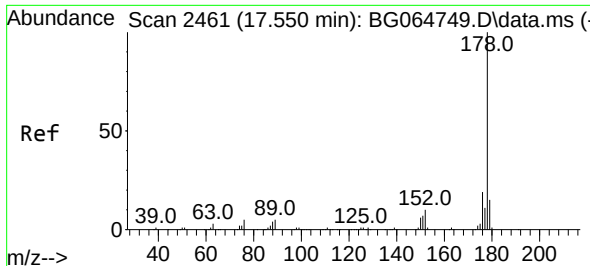


#70
 Pentachlorophenol
 Concen: 92.598 ng
 RT: 17.156 min Scan# 2394
 Delta R.T. -0.001 min
 Lab File: BG064786.D
 Acq: 17 Nov 2025 15:58



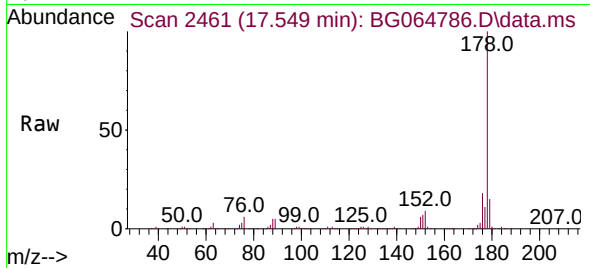
Tgt Ion:266 Resp: 253863
 Ion Ratio Lower Upper
 266 100
 268 68.3 56.1 84.1
 264 64.1 51.2 76.8





#71
Phenanthrene
Concen: 46.401 ng
RT: 17.549 min Scan# 2461
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :
BNA_G
ClientSampleId :
PB170586BS



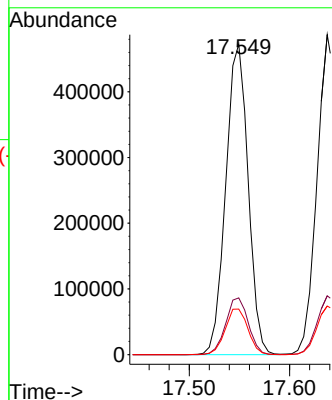
Tgt Ion:178 Resp: 730968
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 14.7 12.2 18.4

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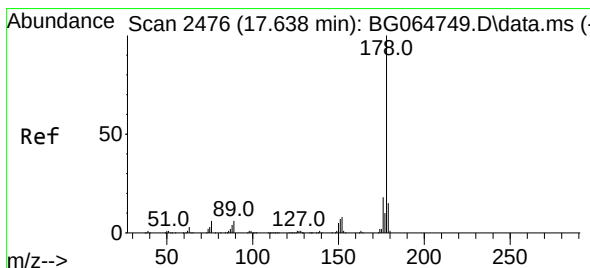
Reviewed By :Jagrut Upadhyay 11/18/2025
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Jodhani
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Supervised By :Sohil
Jodhani

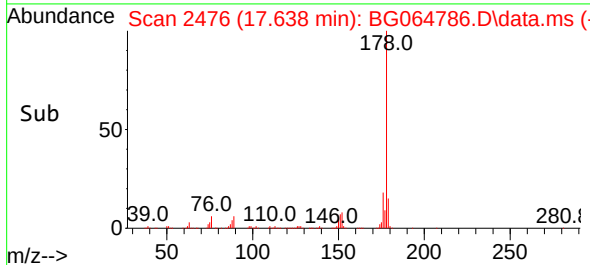
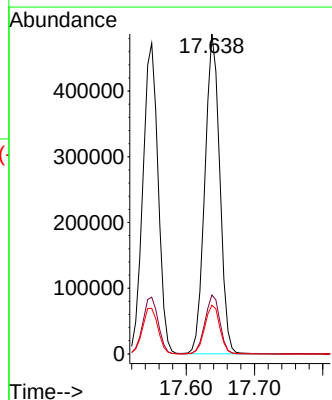
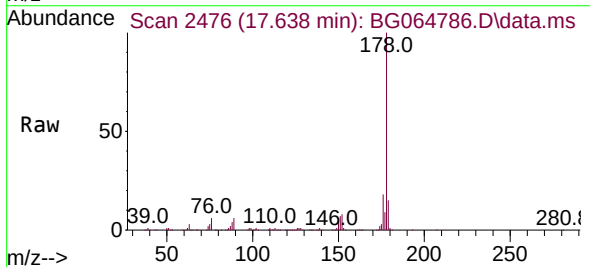


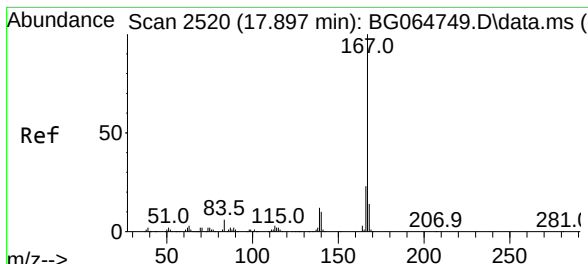
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#72
Anthracene
Concen: 46.023 ng
RT: 17.638 min Scan# 2476
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

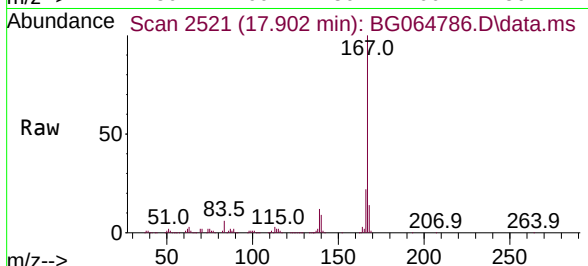
Tgt Ion:178 Resp: 739278
Ion Ratio Lower Upper
178 100
176 18.4 14.5 21.7
179 15.2 12.2 18.4





#73
 Carbazole
 Concen: 48.377 ng
 RT: 17.902 min Scan# 2521
 Delta R.T. 0.005 min
 Lab File: BG064786.D
 Acq: 17 Nov 2025 15:58

Instrument : BNA_G
 ClientSampleId : PB170586BS



Tgt Ion:167 Resp: 668028

Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.0	27.0
139	11.7	9.7	14.5

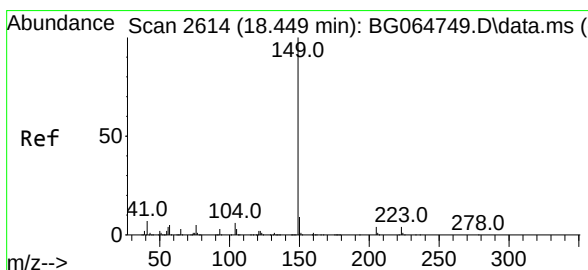
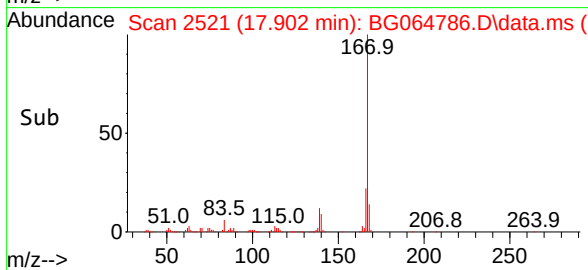
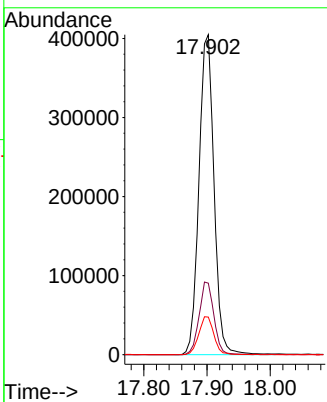
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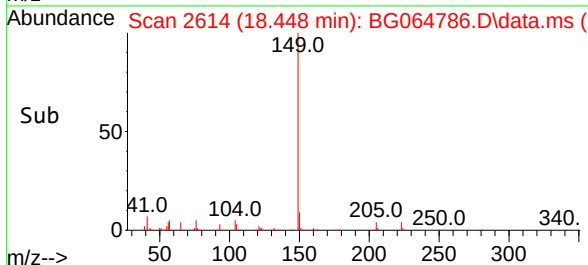
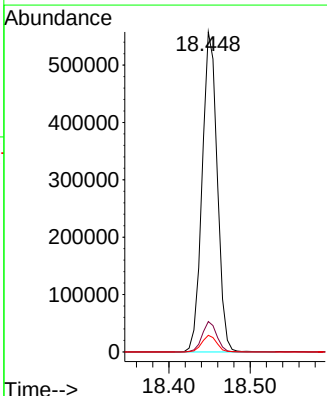
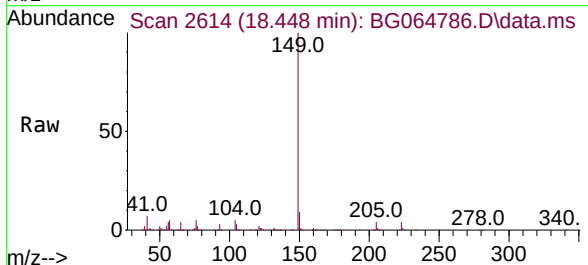
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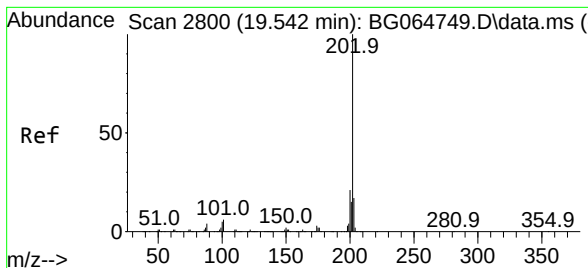


#74
 Di-n-butylphthalate
 Concen: 46.777 ng
 RT: 18.448 min Scan# 2614
 Delta R.T. -0.001 min
 Lab File: BG064786.D
 Acq: 17 Nov 2025 15:58

Tgt Ion:149 Resp: 720652

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	5.2	4.4	6.6





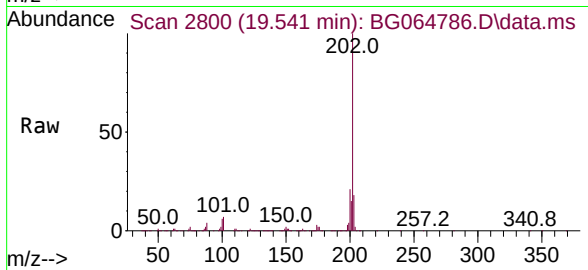
#75
Fluoranthene
Concen: 45.968 ng
RT: 19.541 min Scan# 2800
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :

BNA_G

ClientSampleId :

PB170586BS



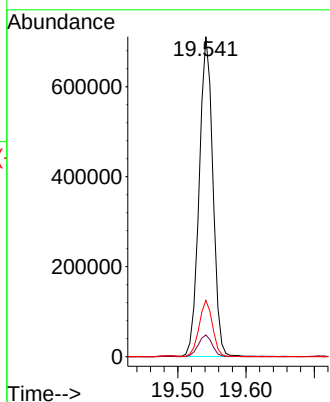
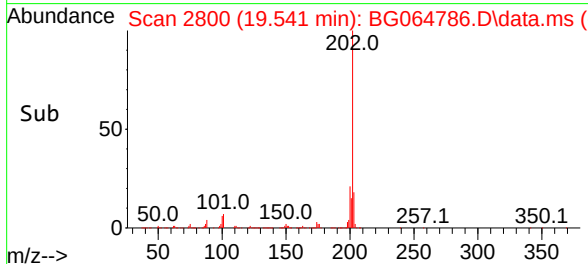
Tgt Ion:202 Resp: 990231
Ion Ratio Lower Upper
202 100
101 6.8 0.0 26.4
203 17.6 0.0 37.5

Manual Integrations
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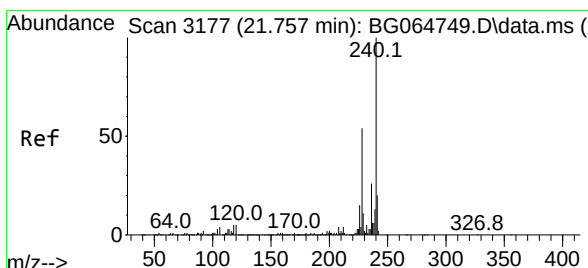
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

Supervised By :Sohil
Jodhani
11/18/2025

11/18/2025
Supervised By :Sohil
Jodhani

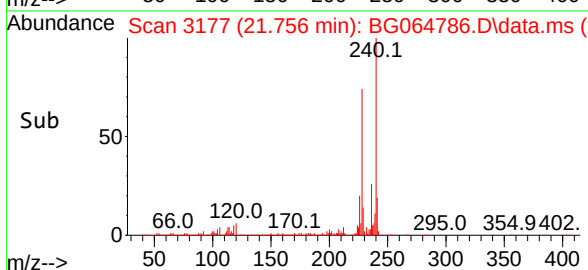
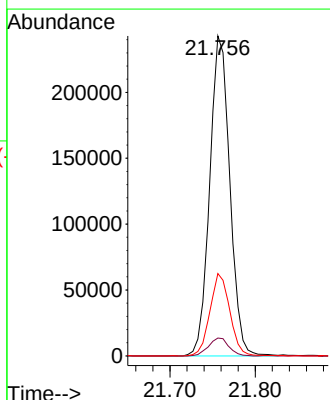
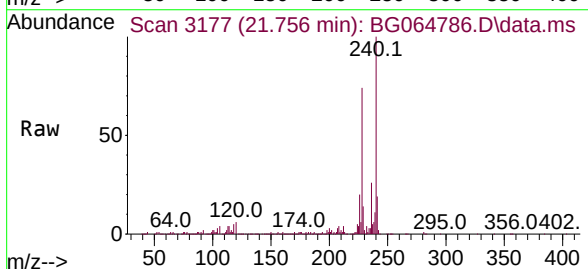


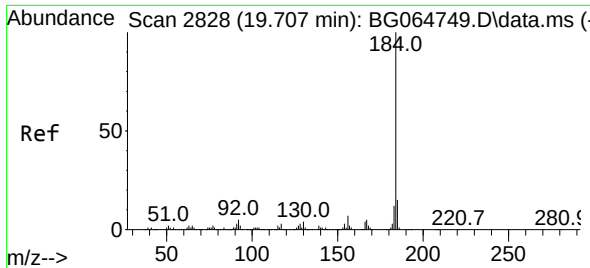
11/18/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.756 min Scan# 3177
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

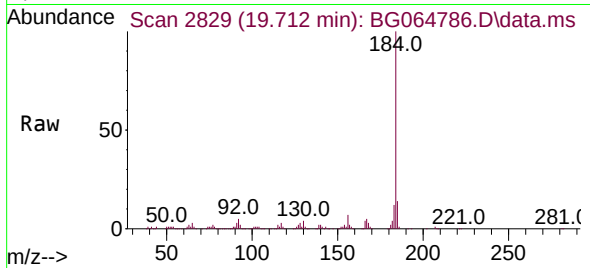
Tgt Ion:240 Resp: 397605
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.4
236 25.7 20.8 31.2





#77
Benzidine
Concen: 29.910 ng
RT: 19.712 min Scan# 2828
Delta R.T. 0.005 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

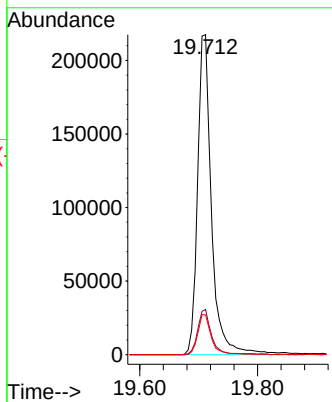
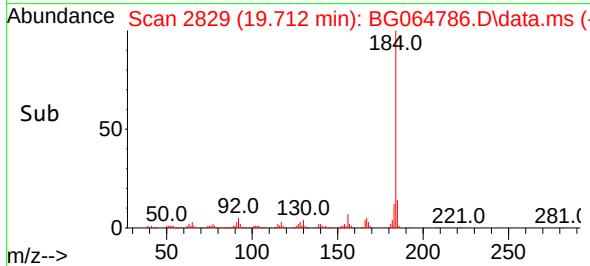
Instrument :
BNA_G
ClientSampleId :
PB170586BS



Tgt Ion:184 Resp: 356154
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.6
183 12.4 9.8 14.6

Manual Integrations
APPROVED

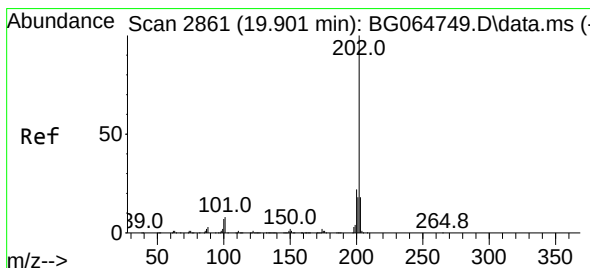
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Jodhani
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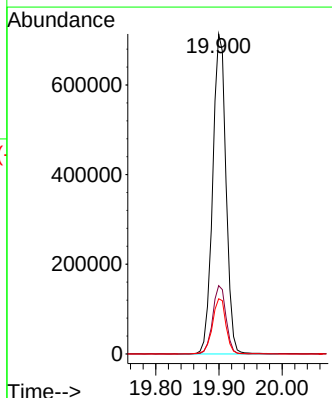
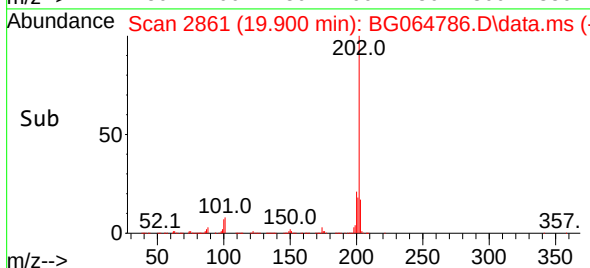
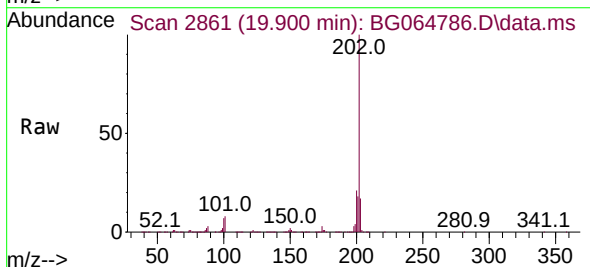
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Jodhani

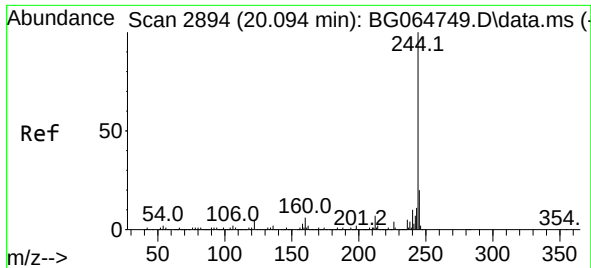
11/18/2025



#78
Pyrene
Concen: 46.892 ng
RT: 19.900 min Scan# 2861
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Tgt Ion:202 Resp: 1044943
Ion Ratio Lower Upper
202 100
200 21.3 17.9 26.9
203 17.2 14.0 21.0





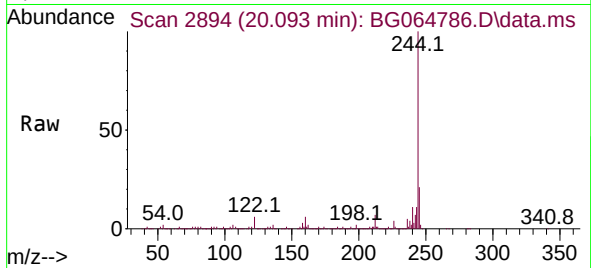
#79
 Terphenyl-d14
 Concen: 81.769 ng
 RT: 20.093 min Scan# 2894
 Delta R.T. -0.001 min
 Lab File: BG064786.D
 Acq: 17 Nov 2025 15:58

Instrument :

BNA_G

ClientSampleId :

PB170586BS



Tgt Ion:244 Resp: 1652775
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 6.0 4.3 6.5

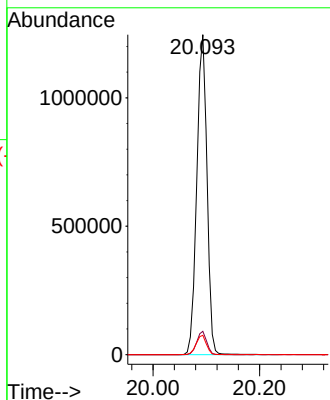
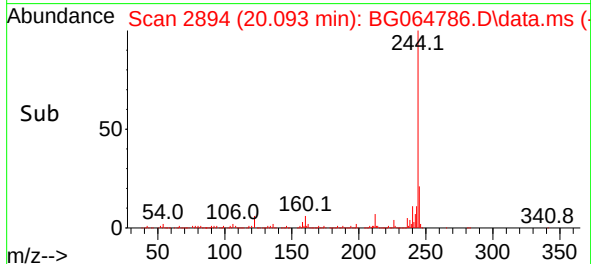
Manual Integrations

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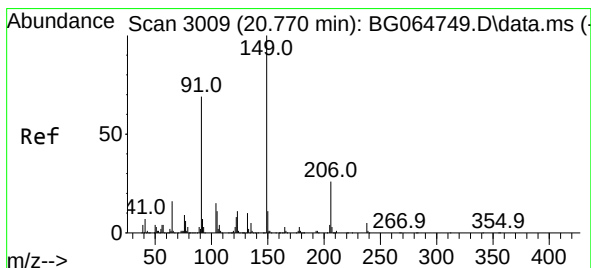
Reviewed By :Jagrut Upadhyay 11/18/2025
 Supervised By :Sohil Jodhani 11/18/2025

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 Jodhani
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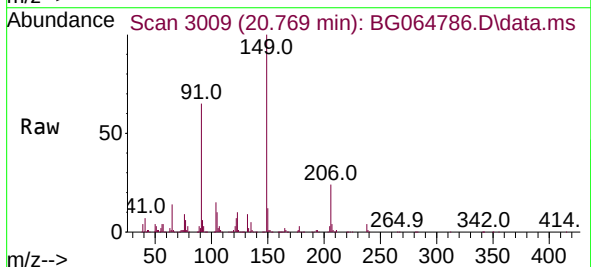
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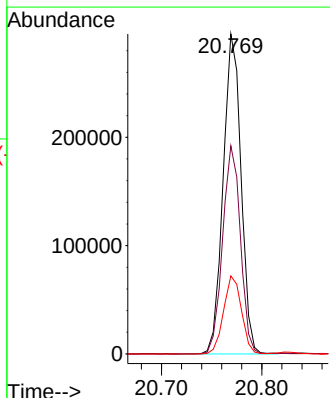
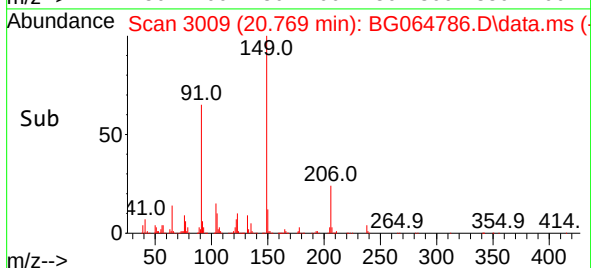
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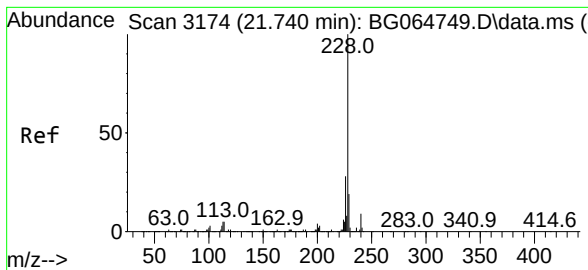


#80
 Butylbenzylphthalate
 Concen: 46.783 ng
 RT: 20.769 min Scan# 3009
 Delta R.T. -0.001 min
 Lab File: BG064786.D
 Acq: 17 Nov 2025 15:58



Tgt Ion:149 Resp: 366693
 Ion Ratio Lower Upper
 149 100
 91 65.0 54.9 82.3
 206 24.4 21.2 31.8





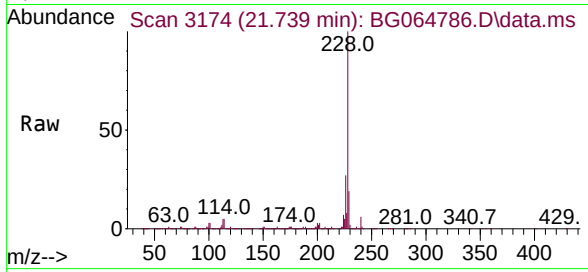
#81
Benzo(a)anthracene
Concen: 45.263 ng
RT: 21.739 min Scan# 3174
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :

BNA_G

ClientSampleId :

PB170586BS

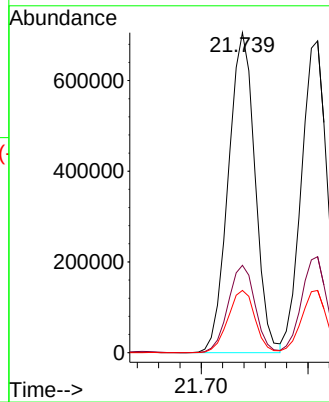
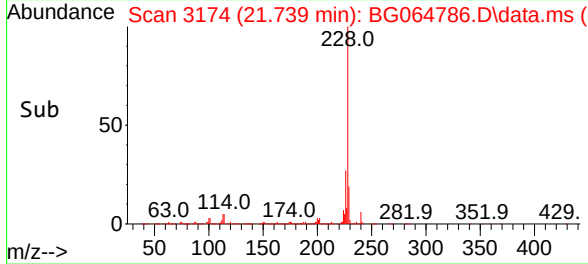


Tgt Ion:228 Resp: 122371
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 19.4 15.5 23.3

Manual Integrations

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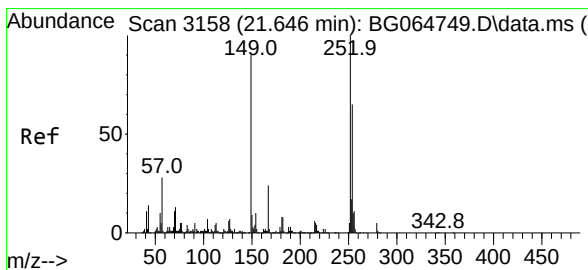
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



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Jodhani
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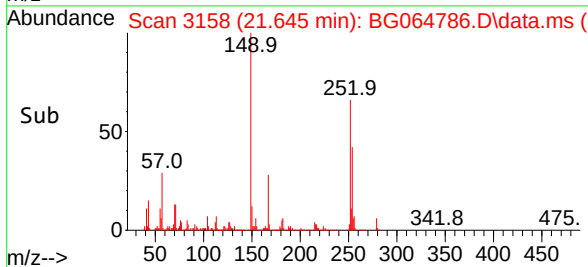
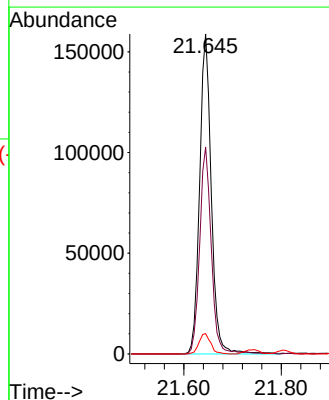
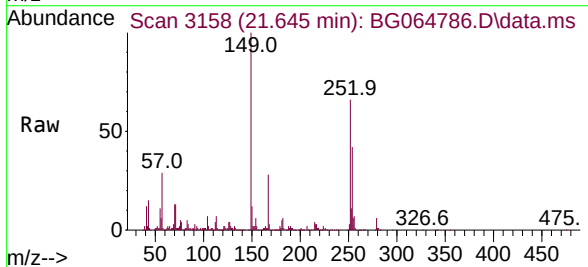
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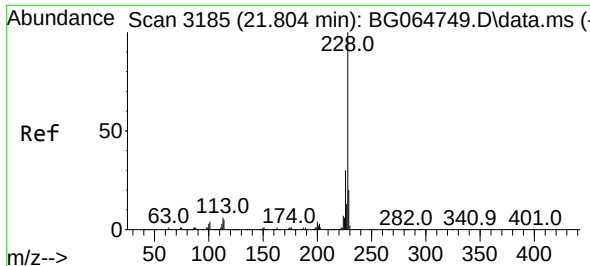
11/18/2025



#82
3,3'-Dichlorobenzidine
Concen: 26.414 ng
RT: 21.645 min Scan# 3158
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

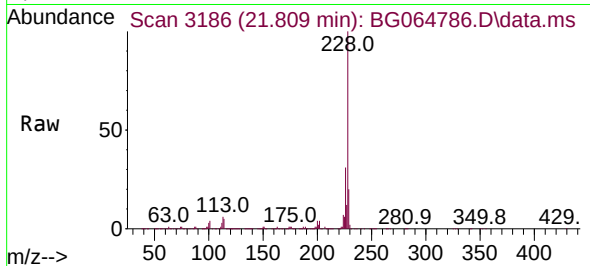
Tgt Ion:252 Resp: 262847
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.8
126 6.3 4.7 7.1





#83
Chrysene
Concen: 45.374 ng
RT: 21.809 min Scan# 3185
Delta R.T. 0.005 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :
BNA_G
ClientSampleId :
PB170586BS



Tgt Ion:228 Resp: 1156526
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.2
229 20.0 16.0 24.0

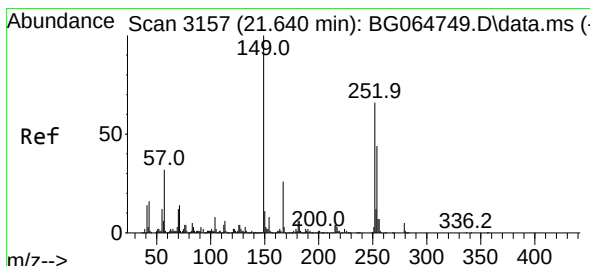
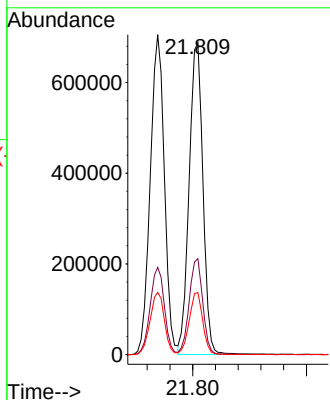
Manual Integrations
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Supervised By :Sohil Jodhani 11/18/2025

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Jodhani
11/18/2025

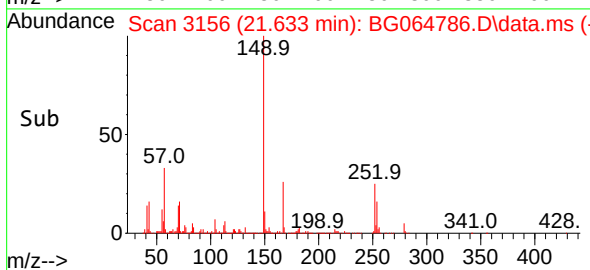
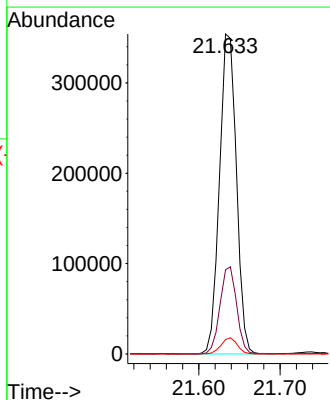
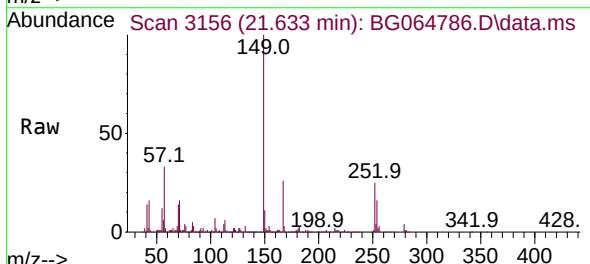
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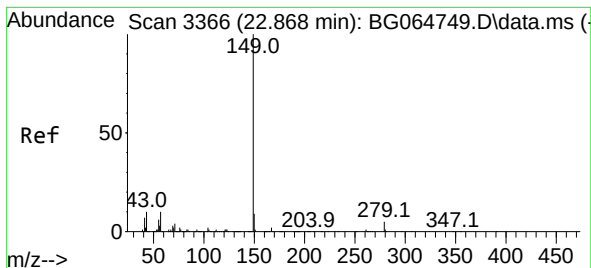
11/18/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.589 ng
RT: 21.633 min Scan# 3156
Delta R.T. -0.007 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

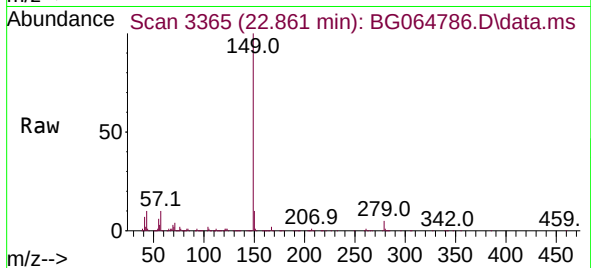
Tgt Ion:149 Resp: 510700
Ion Ratio Lower Upper
149 100
167 26.3 21.0 31.4
279 4.5 4.1 6.1





#85
Di-n-octyl phthalate
Concen: 44.816 ng
RT: 22.861 min Scan# 3366
Delta R.T. -0.007 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :
BNA_G
ClientSampleId :
PB170586BS



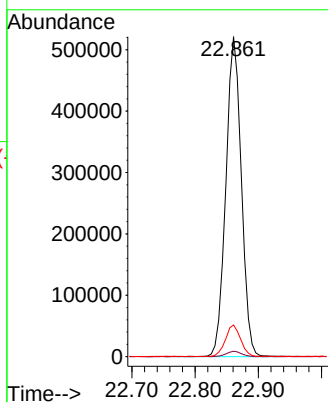
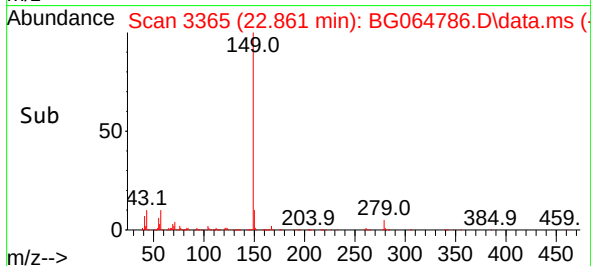
Tgt Ion:149 Resp: 887291
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.7 8.3 12.5

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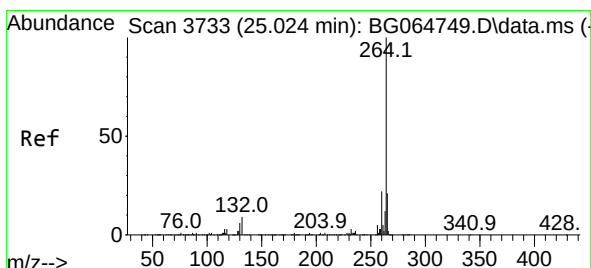
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

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Jodhani
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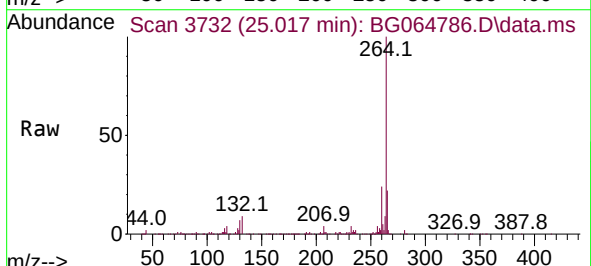
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Jodhani



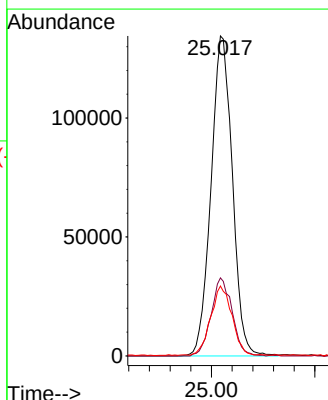
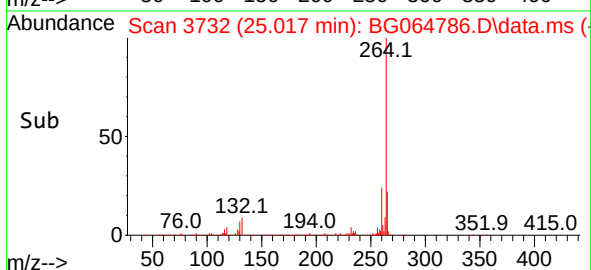
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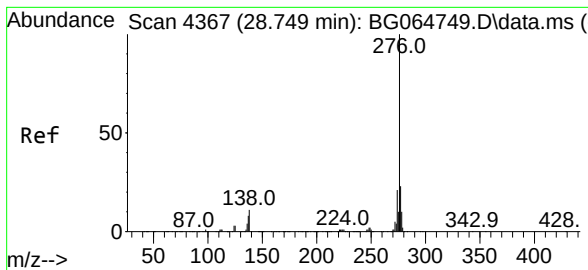


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.017 min Scan# 3732
Delta R.T. -0.007 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58



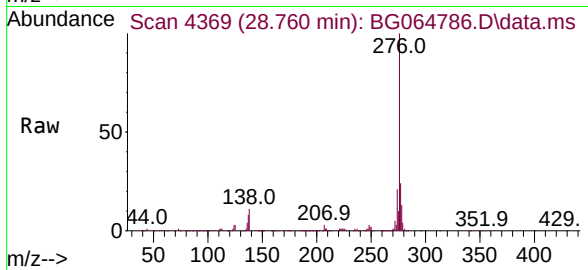
Tgt Ion:264 Resp: 387188
Ion Ratio Lower Upper
264 100
260 24.4 17.2 25.8
265 21.8 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.130 ng
RT: 28.760 min Scan# 4367
Delta R.T. 0.011 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :
BNA_G
ClientSampleId :
PB170586BS



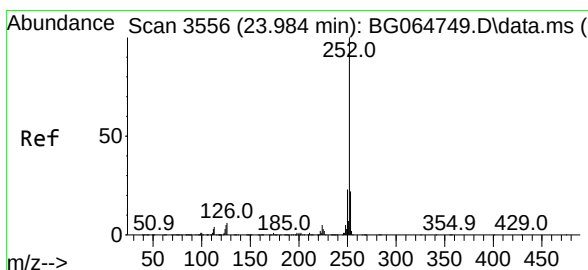
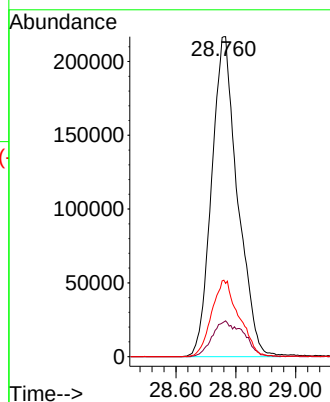
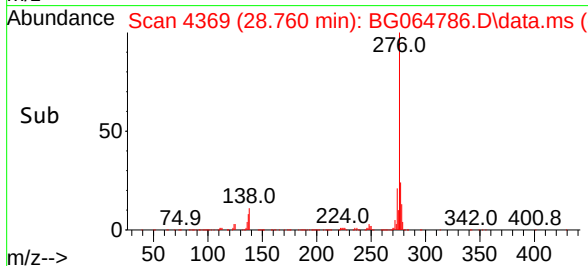
Tgt Ion:276 Resp: 1306911
Ion Ratio Lower Upper
276 100
138 13.4 4.5 6.7
277 25.2 20.0 30.0

Manual Integrations
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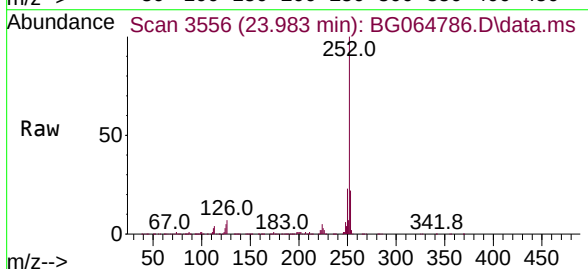
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

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Jodhani
11/18/2025

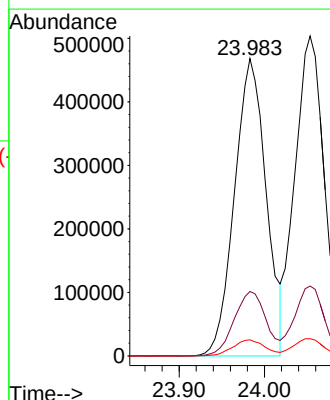
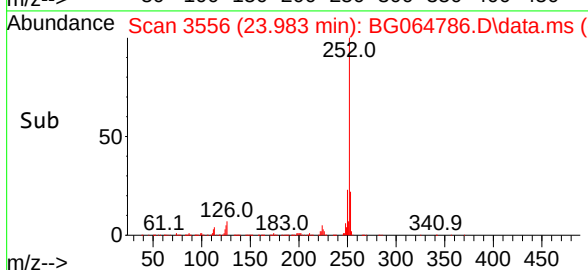
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Supervised By :Sohil
Jodhani

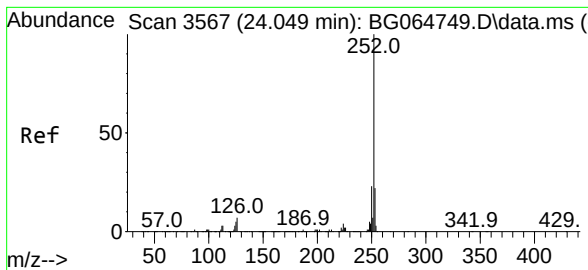


#88
Benzo(b)fluoranthene
Concen: 48.906 ng
RT: 23.983 min Scan# 3556
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58



Tgt Ion:252 Resp: 1205044
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 5.4 4.2 6.2





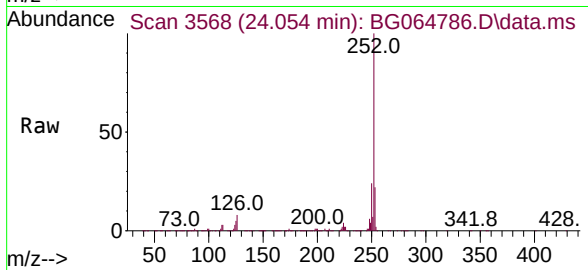
#89
Benzo(k)fluoranthene
Concen: 48.834 ng
RT: 24.054 min Scan# 3568
Delta R.T. 0.005 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :

BNA_G

ClientSampleId :

PB170586BS



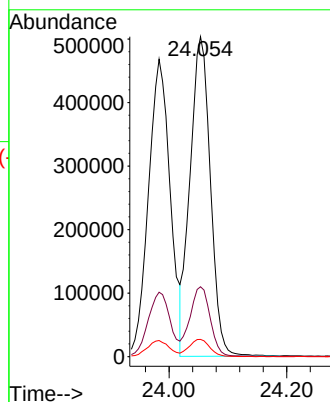
Tgt Ion:252 Resp: 1208878
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 5.4 4.1 6.1

Manual Integrations
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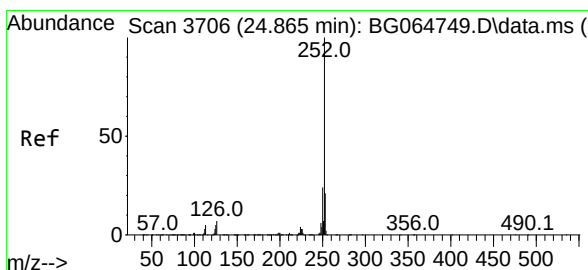
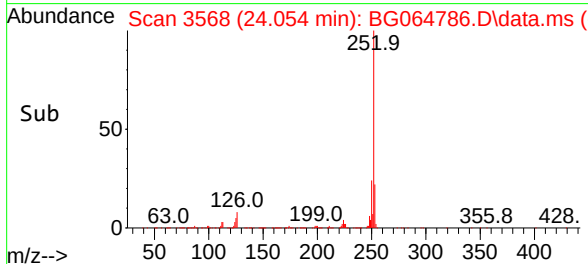
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

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Jodhani
11/18/2025

11/18/2025
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Jodhani

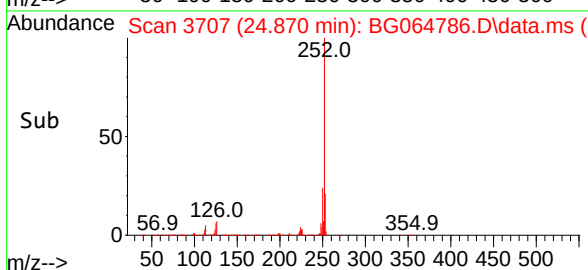
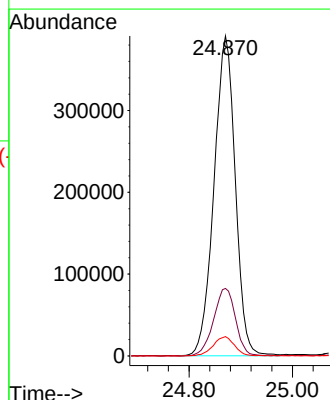
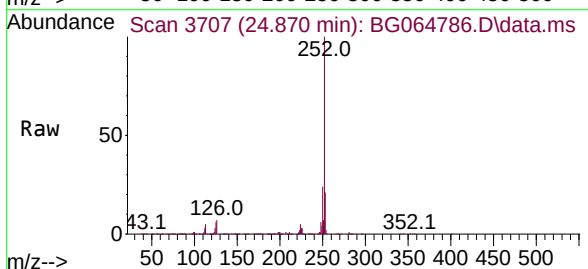


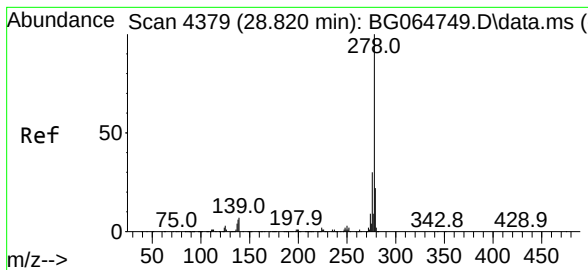
11/18/2025



#90
Benzo(a)pyrene
Concen: 48.936 ng
RT: 24.870 min Scan# 3707
Delta R.T. 0.005 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Tgt Ion:252 Resp: 1118512
Ion Ratio Lower Upper
252 100
253 21.1 16.9 25.3
125 6.1 4.2 6.4





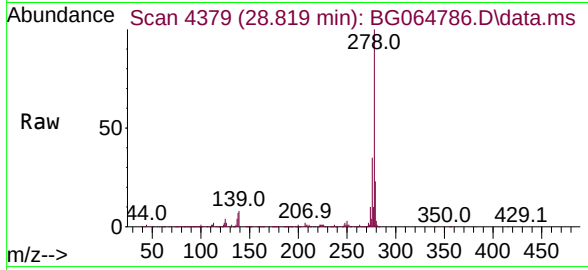
#91
Dibenzo(a,h)anthracene
Concen: 49.785 ng
RT: 28.819 min Scan# 4379
Delta R.T. -0.001 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58

Instrument :

BNA_G

ClientSampleId :

PB170586BS



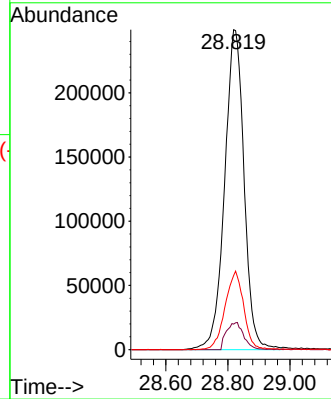
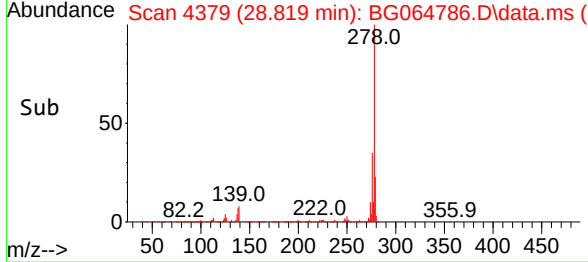
Tgt Ion:278 Resp: 1084914
Ion Ratio Lower Upper
278 100
139 8.0 5.8 8.8
279 23.2 17.3 25.9

Manual Integrations
APPROVED

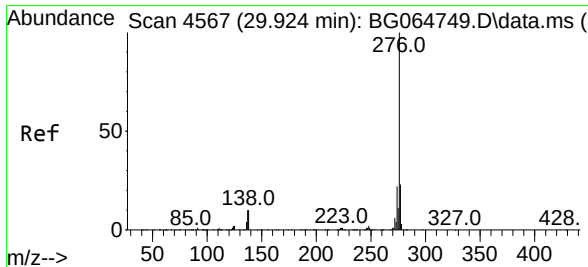
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

Supervised By :Sohil
Jodhani
11/18/2025

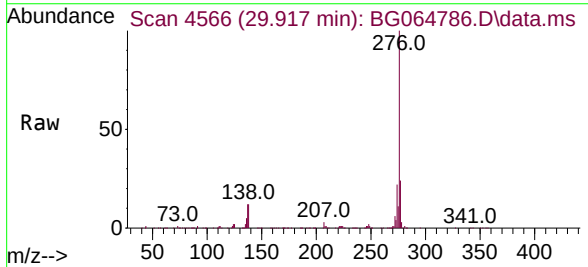
11/18/2025
Supervised By :Sohil
Jodhani



11/18/2025



#92
Benzo(g,h,i)perylene
Concen: 49.820 ng
RT: 29.917 min Scan# 4566
Delta R.T. -0.007 min
Lab File: BG064786.D
Acq: 17 Nov 2025 15:58



Tgt Ion:276 Resp: 1044876
Ion Ratio Lower Upper
276 100
277 23.6 18.0 27.0
138 11.8 8.2 12.2

