

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
 Data File : BG064805.D
 Acq On : 18 Nov 2025 16:21
 Operator : RC/JU
 Sample : Q3658-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-111725MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 18 16:56:58 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)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	48188	20.000	ng	0.00
21) Naphthalene-d8	10.984	136	195252	20.000	ng	# 0.00
39) Acenaphthene-d10	14.774	164	155870	20.000	ng	0.00
64) Phenanthrene-d10	17.506	188	348676	20.000	ng	0.00
76) Chrysene-d12	21.754	240	336753	20.000	ng	0.00
86) Perylene-d12	25.015	264	363160	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	271985	98.561	ng	0.00
7) Phenol-d6	7.312	99	365828	99.671	ng	0.00
23) Nitrobenzene-d5	9.327	82	246163	62.335	ng	0.00
42) 2,4,6-Tribromophenol	16.254	330	275931	90.768	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	662190	59.279	ng	0.00
79) Terphenyl-d14	20.091	244	1256101	73.373	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.516	88	36011	33.708	ng	99
3) Pyridine	3.934	79	101452	31.872	ng	95
4) n-Nitrosodimethylamine	3.840	42	64255	39.661	ng	93
6) Aniline	7.477	93	94592	19.335	ng	99
8) 2-Chlorophenol	7.723	128	144990	47.850	ng	99
9) Benzaldehyde	7.289	77	69717	29.017	ng	93
10) Phenol	7.336	94	186919	46.806	ng	97
11) bis(2-Chloroethyl)ether	7.571	93	125858	44.289	ng	98
12) 1,3-Dichlorobenzene	8.052	146	156109	44.773	ng	97
13) 1,4-Dichlorobenzene	8.199	146	161464	45.479	ng	97
14) 1,2-Dichlorobenzene	8.522	146	159539	46.344	ng	96
15) Benzyl Alcohol	8.393	79	141575	46.993	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.687	45	275986	41.031	ng	97
17) 2-Methylphenol	8.599	107	136651	48.361	ng	95
18) Hexachloroethane	9.257	117	59487	44.238	ng	98
19) n-Nitroso-di-n-propyla...	8.969	70	110971	44.716	ng	94
20) 3+4-Methylphenols	8.928	107	184193	47.583	ng	93
22) Acetophenone	8.987	105	232753	43.754	ng	97
24) Nitrobenzene	9.368	77	175089	43.880	ng	96
25) Isophorone	9.897	82	319462	42.480	ng	96
26) 2-Nitrophenol	10.085	139	87880	48.965	ng	96
27) 2,4-Dimethylphenol	10.138	122	148894	46.697	ng	99
28) bis(2-Chloroethoxy)met...	10.373	93	186357	45.138	ng	99
29) 2,4-Dichlorophenol	10.626	162	168740	49.293	ng	97
30) 1,2,4-Trichlorobenzene	10.843	180	197518	47.783	ng	98
31) Naphthalene	11.031	128	487558	44.050	ng	99
32) Benzoic acid	10.285	122	112360	49.693	ng	94
33) 4-Chloroaniline	11.131	127	45187	10.206	ng	99
34) Hexachlorobutadiene	11.325	225	152598	43.025	ng	98
35) Caprolactam	11.901	113	46162m	45.085	ng	
36) 4-Chloro-3-methylphenol	12.242	107	178954	46.967	ng	98
37) 2-Methylnaphthalene	12.623	142	336610	40.640	ng	98
38) 1-Methylnaphthalene	12.841	142	349765	42.510	ng	98
40) 1,2,4,5-Tetrachloroben...	12.988	216	278911	45.979	ng	99
41) Hexachlorocyclopentadiene	12.970	237	223701	51.450	ng	98
43) 2,4,6-Trichlorophenol	13.217	196	174327	48.965	ng	99

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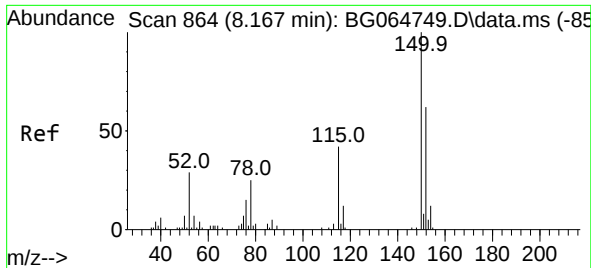
Manual Integrations
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 Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 18 16:56:58 2025
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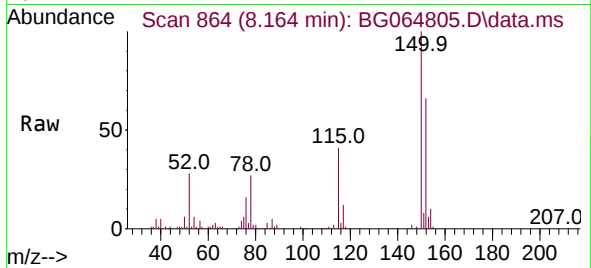
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	191296	47.907	ng	98
46) 1,1'-Biphenyl	13.616	154	515038	46.006	ng	97
47) 2-Chloronaphthalene	13.663	162	401490	45.521	ng	99
48) 2-Nitroaniline	13.851	65	134647	47.464	ng	99
49) Acenaphthylene	14.504	152	691802	45.912	ng	99
50) Dimethylphthalate	14.222	163	527447	42.838	ng	99
51) 2,6-Dinitrotoluene	14.339	165	112556	47.507	ng	93
52) Acenaphthene	14.839	154	445517	49.313	ng	100
53) 3-Nitroaniline	14.668	138	66262	28.336	ng	95
54) 2,4-Dinitrophenol	14.868	184	118117	73.554	ng	95
55) Dibenzofuran	15.168	168	673078	45.064	ng	98
56) 4-Nitrophenol	14.968	139	173189	93.348	ng	92
57) 2,4-Dinitrotoluene	15.121	165	164718	46.373	ng	# 97
58) Fluorene	15.814	166	514570	43.926	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.391	232	195914	49.728	ng	97
60) Diethylphthalate	15.573	149	511099	43.332	ng	99
61) 4-Chlorophenyl-phenyle...	15.802	204	307850	43.789	ng	98
62) 4-Nitroaniline	15.820	138	97181	40.116	ng	93
63) Azobenzene	16.096	77	495116	50.467	ng	96
65) 4,6-Dinitro-2-methylph...	15.878	198	88449	45.688	ng	95
66) n-Nitrosodiphenylamine	16.014	169	463930	50.797	ng	100
67) 4-Bromophenyl-phenylether	16.689	248	226501	49.466	ng	97
68) Hexachlorobenzene	16.819	284	262785	47.369	ng	97
69) Atrazine	16.948	200	201168	45.686	ng	98
70) Pentachlorophenol	17.153	266	321249	96.485	ng	99
71) Phenanthrene	17.547	178	886662	46.477	ng	99
72) Anthracene	17.635	178	877242	45.096	ng	99
73) Carbazole	17.900	167	725006	43.355	ng	99
74) Di-n-butylphthalate	18.446	149	850883	45.607	ng	98
75) Fluoranthene	19.539	202	1029901	39.479	ng	99
77) Benzidine	19.709	184	229554	22.761	ng	97
78) Pyrene	19.897	202	1051714	55.724	ng	99
80) Butylbenzylphthalate	20.767	149	340509	51.293	ng	98
81) Benzo(a)anthracene	21.736	228	1065650	46.539	ng	99
82) 3,3'-Dichlorobenzidine	21.642	252	181271	21.508	ng	97
83) Chrysene	21.801	228	1006580	46.628	ng	99
84) Bis(2-ethylhexyl)phtha...	21.631	149	483937	49.887	ng	99
85) Di-n-octyl phthalate	22.859	149	795379	47.433	ng	100
87) Indeno(1,2,3-cd)pyrene	28.769	276	1293771	51.854	ng	# 96
88) Benzo(b)fluoranthene	23.981	252	1089616	47.147	ng	99
89) Benzo(k)fluoranthene	24.051	252	1049422	45.198	ng	99
90) Benzo(a)pyrene	24.868	252	1016437	47.412	ng	# 99
91) Dibenzo(a,h)anthracene	28.822	278	1046674	51.208	ng	98
92) Benzo(g,h,i)perylene	29.927	276	1048620	53.307	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.164 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: BG064805.D
 Acq: 18 Nov 2025 16:21

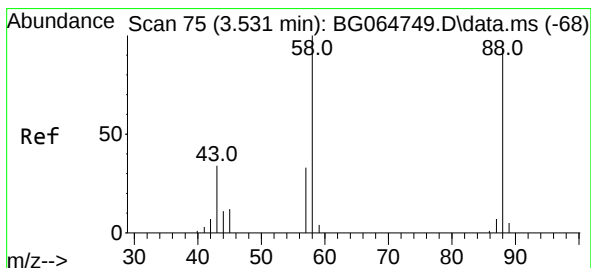
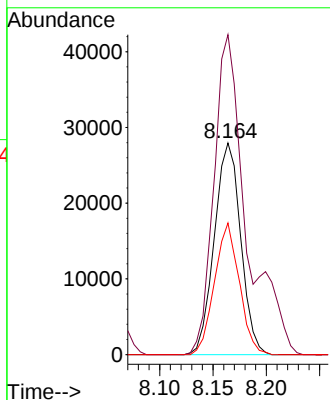
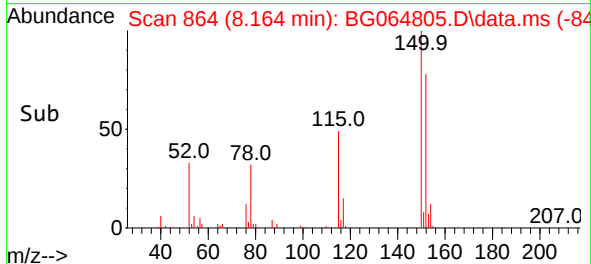
Instrument :
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 NB-07-111725MS



Tgt Ion:152 Resp: 48188
 Ion Ratio Lower Upper
 152 100
 150 151.2 129.2 193.8
 115 62.2 53.7 80.5

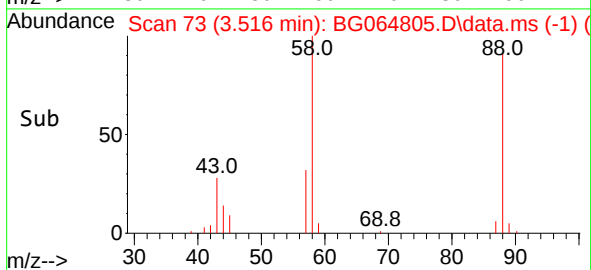
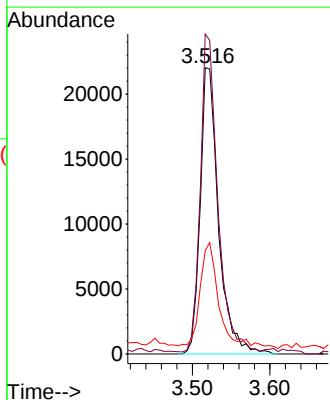
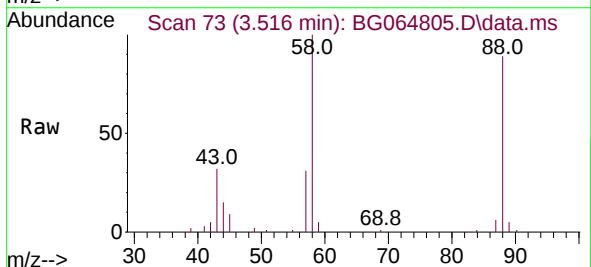
Manual Integrations
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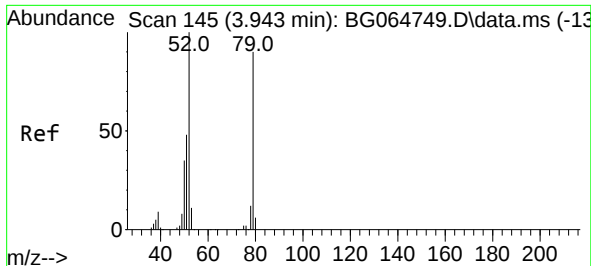
Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025



#2
 1,4-Dioxane
 Concen: 33.708 ng
 RT: 3.516 min Scan# 73
 Delta R.T. -0.015 min
 Lab File: BG064805.D
 Acq: 18 Nov 2025 16:21

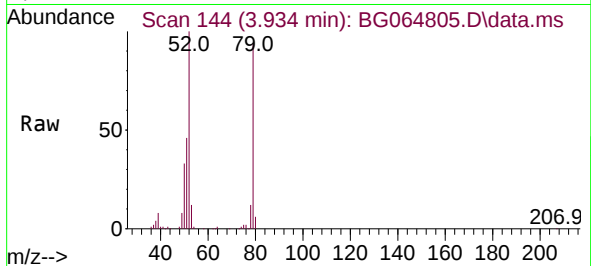
Tgt Ion: 88 Resp: 36011
 Ion Ratio Lower Upper
 88 100
 58 106.4 84.6 126.8
 43 39.4 30.0 45.0





#3
Pyridine
Concen: 31.872 ng
RT: 3.934 min Scan# 145
Delta R.T. -0.009 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

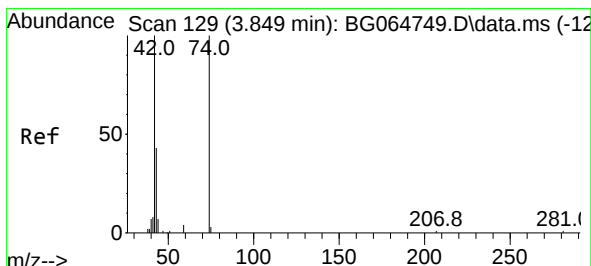
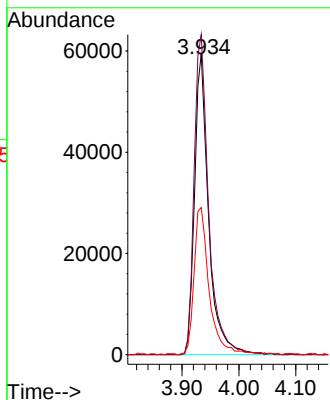
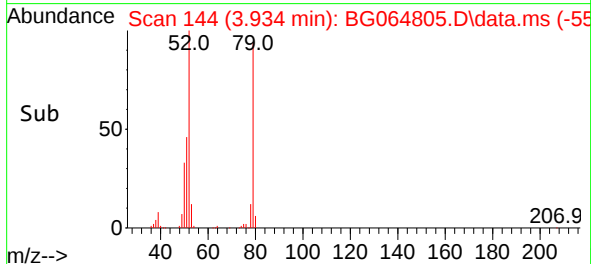
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



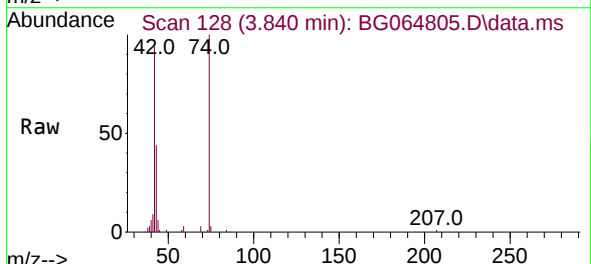
Tgt Ion: 79 Resp: 101452
Ion Ratio Lower Upper
79 100
52 106.4 89.0 133.4
51 48.9 43.4 65.0

Manual Integrations
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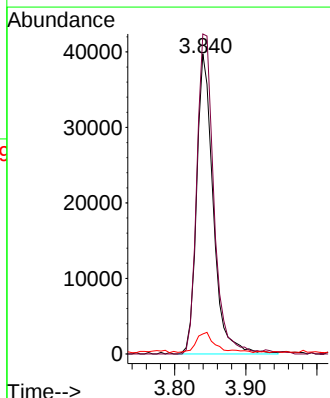
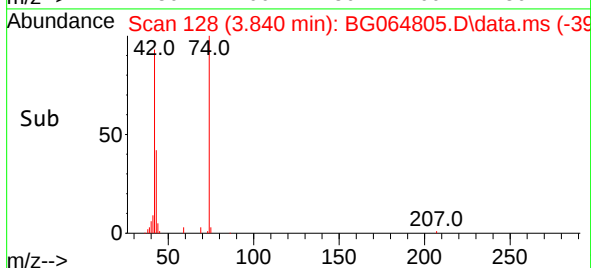
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#4
n-Nitrosodimethylamine
Concen: 39.661 ng
RT: 3.840 min Scan# 128
Delta R.T. -0.009 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



Tgt Ion: 42 Resp: 64255
Ion Ratio Lower Upper
42 100
74 106.6 79.8 119.6
44 6.6 5.9 8.9





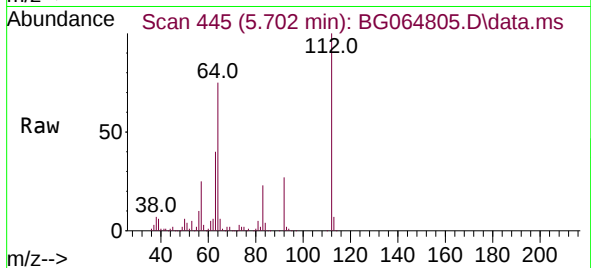
#5
2-Fluorophenol
Concen: 98.561 ng
RT: 5.702 min Scan# 444
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MS

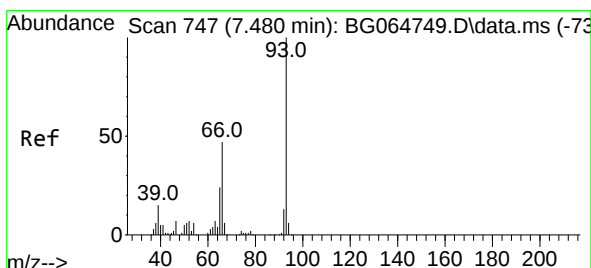
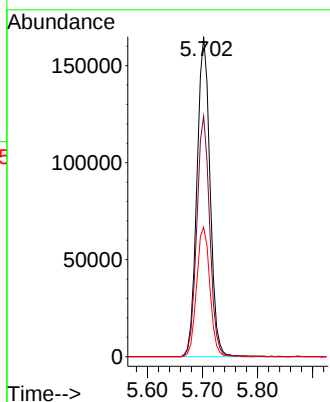
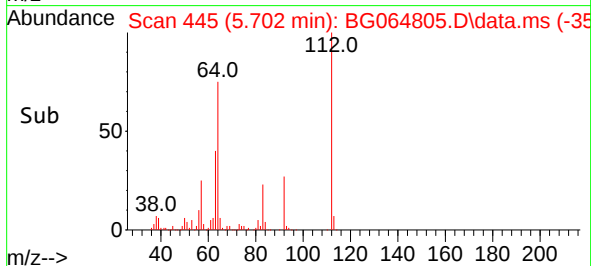


Tgt Ion:112 Resp: 271985
Ion Ratio Lower Upper
112 100
64 75.1 61.0 91.4
63 40.4 33.3 49.9

Manual Integrations

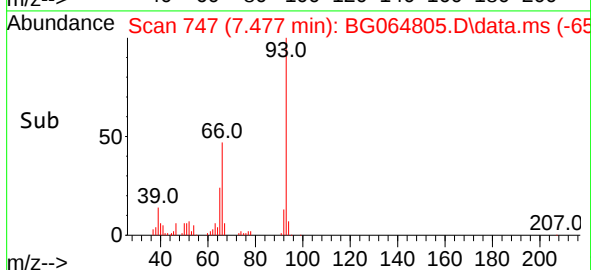
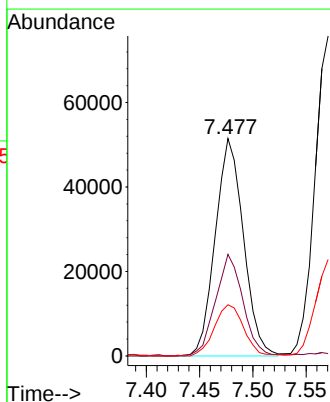
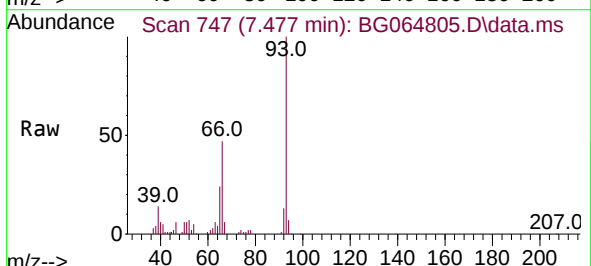
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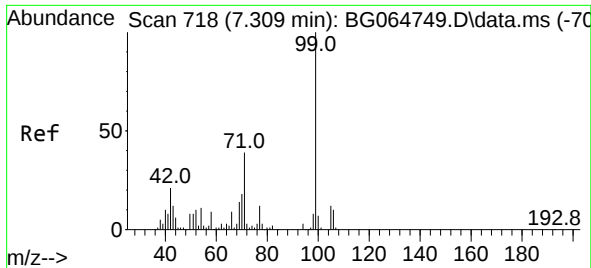
Reviewed By :Jagrut Upadhyay 11/19/2025
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#6
Aniline
Concen: 19.335 ng
RT: 7.477 min Scan# 747
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

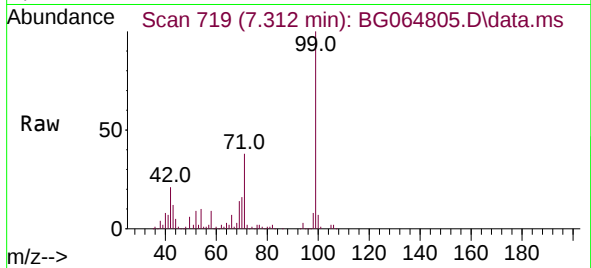
Tgt Ion: 93 Resp: 94592
Ion Ratio Lower Upper
93 100
66 46.7 37.7 56.5
65 23.5 19.1 28.7





#7
Phenol-d6
Concen: 99.671 ng
RT: 7.312 min Scan# 718
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

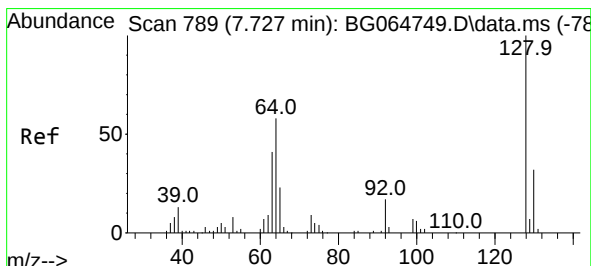
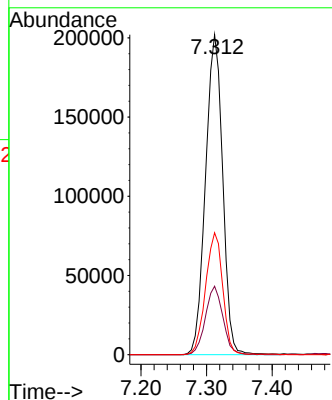
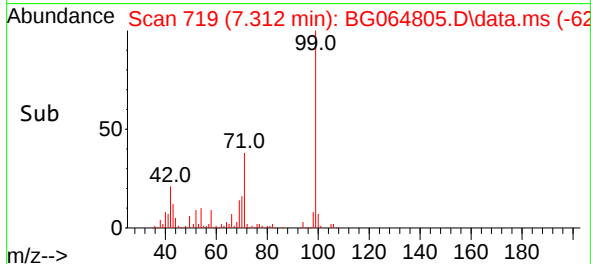
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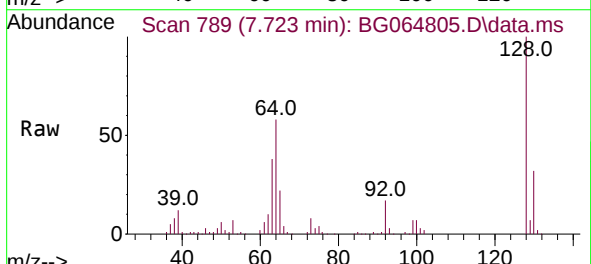
Tgt Ion: 99 Resp: 365828
Ion Ratio Lower Upper
99 100
42 21.4 16.8 25.2
71 38.1 31.1 46.7

Manual Integrations
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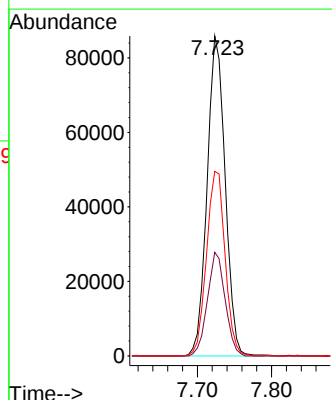
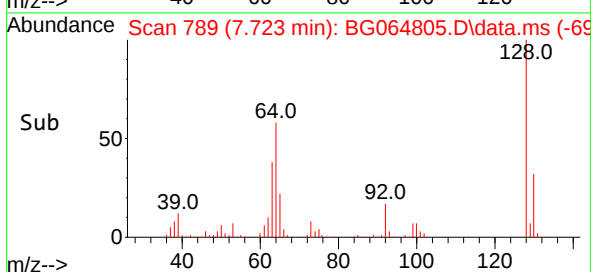
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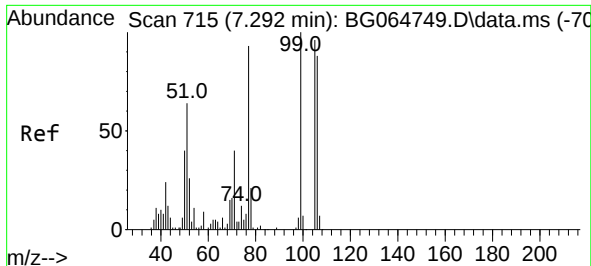


#8
2-Chlorophenol
Concen: 47.850 ng
RT: 7.723 min Scan# 789
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



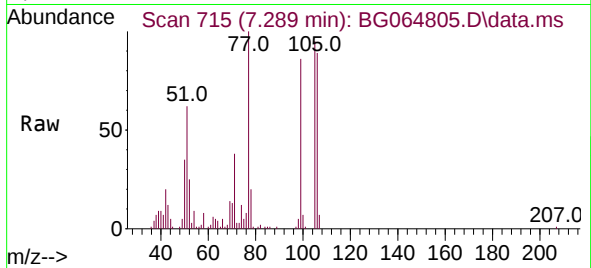
Tgt Ion:128 Resp: 144990
Ion Ratio Lower Upper
128 100
130 32.4 11.9 51.9
64 57.7 38.4 78.4





#9
Benzaldehyde
Concen: 29.017 ng
RT: 7.289 min Scan# 715
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

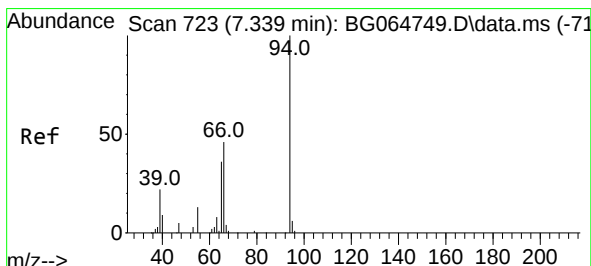
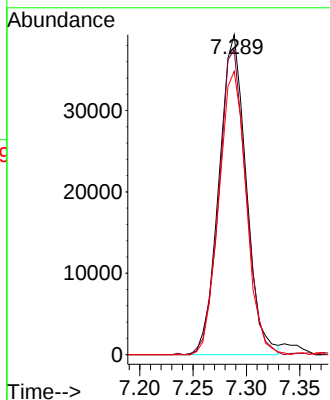
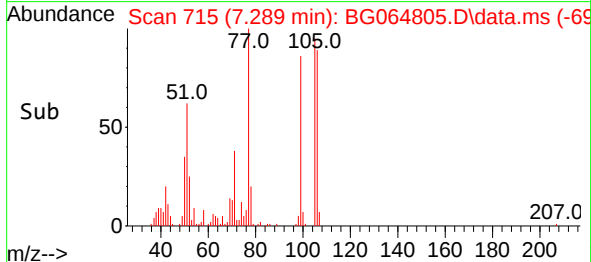
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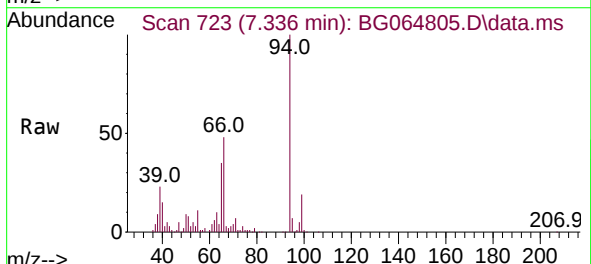
Tgt Ion: 77 Resp: 6971
Ion Ratio Lower Upper
77 100
105 95.2 83.8 123.8
106 88.5 74.3 114.3

Manual Integrations
APPROVED

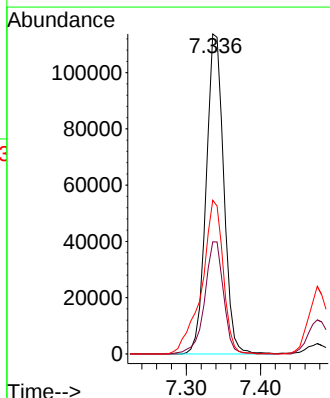
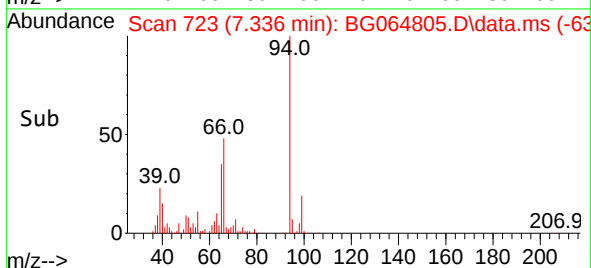
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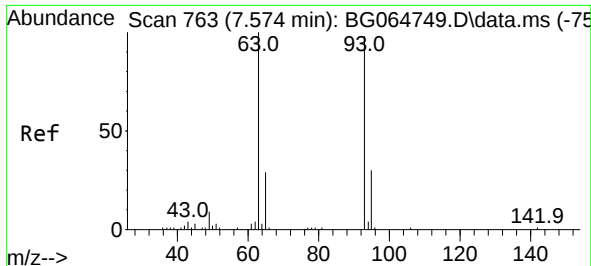


#10
Phenol
Concen: 46.806 ng
RT: 7.336 min Scan# 723
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



Tgt Ion: 94 Resp: 186919
Ion Ratio Lower Upper
94 100
65 35.0 17.0 57.0
66 48.0 29.8 69.8





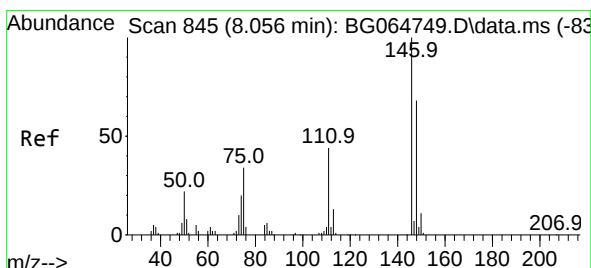
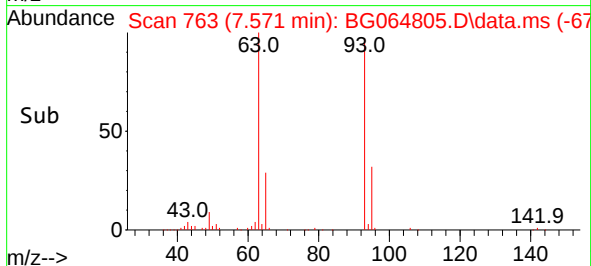
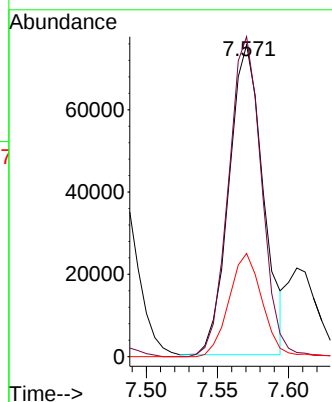
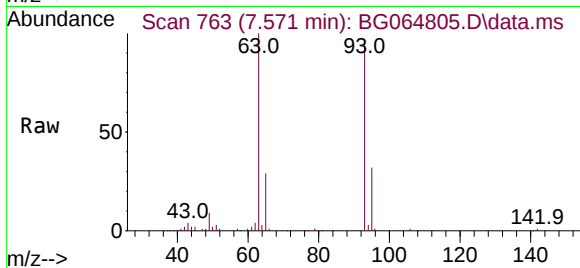
#11
bis(2-Chloroethyl)ether
Concen: 44.289 ng
RT: 7.571 min Scan# 763
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS

Tgt Ion: 93 Resp: 125858
Ion Ratio Lower Upper
93 100
63 102.6 81.8 121.8
95 33.1 10.3 50.3

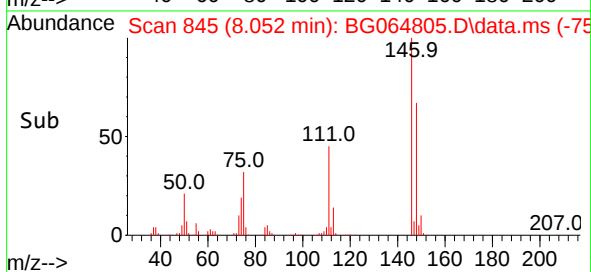
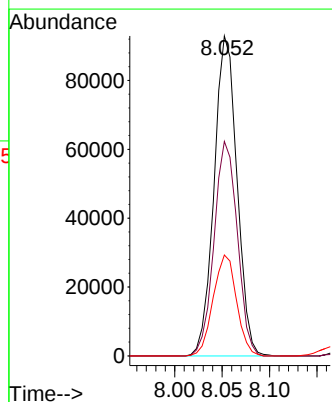
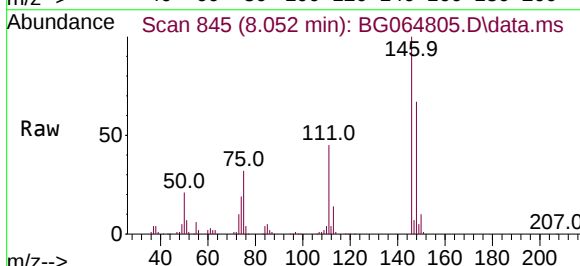
Manual Integrations
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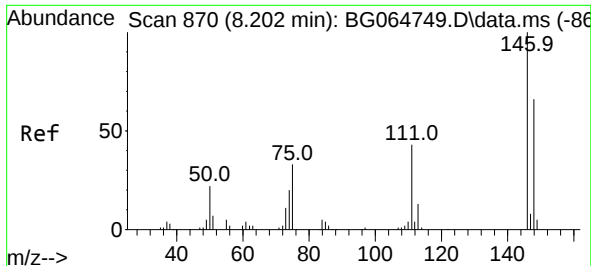
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#12
1,3-Dichlorobenzene
Concen: 44.773 ng
RT: 8.052 min Scan# 845
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:146 Resp: 156109
Ion Ratio Lower Upper
146 100
148 67.0 54.6 82.0
75 31.5 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 45.479 ng

RT: 8.199 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

ClientSampleId :

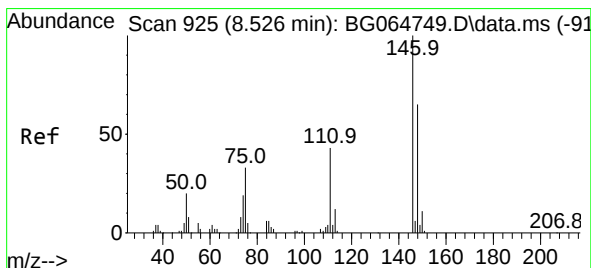
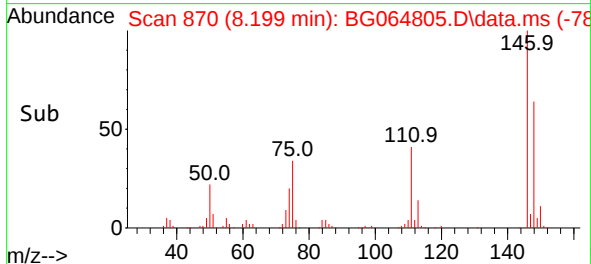
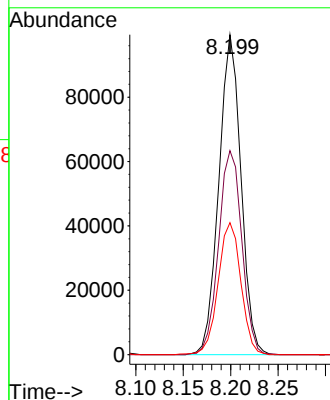
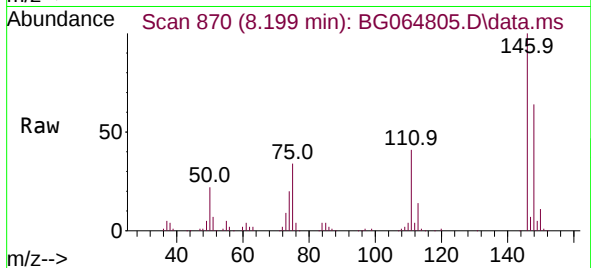
NB-07-111725MS

Tgt Ion:146 Resp: 161464
 Ion Ratio Lower Upper
 146 100
 148 63.7 53.1 79.7
 111 41.2 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025



#14

1,2-Dichlorobenzene

Concen: 46.344 ng

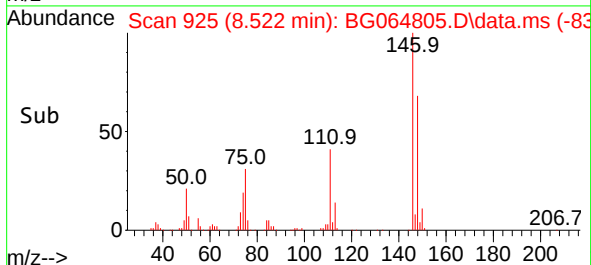
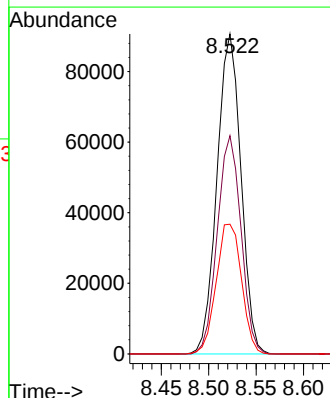
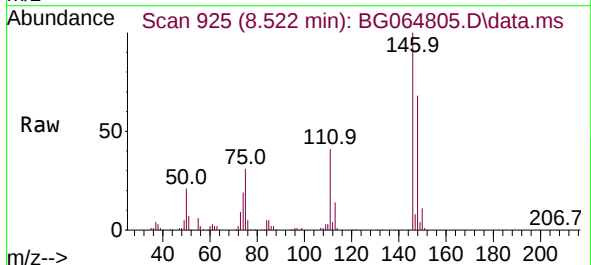
RT: 8.522 min Scan# 925

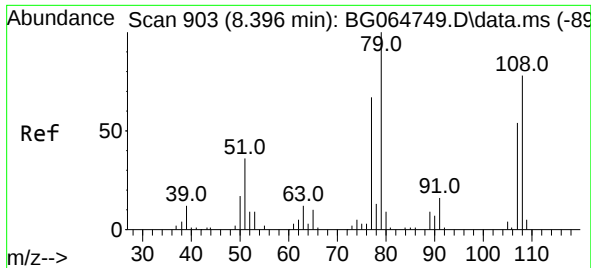
Delta R.T. -0.003 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

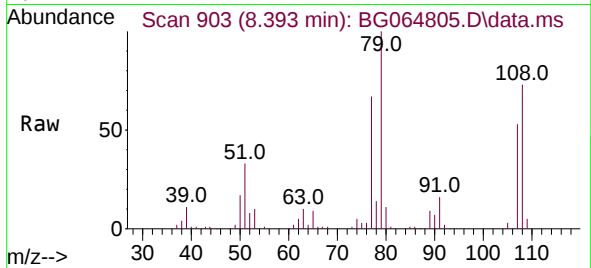
Tgt Ion:146 Resp: 159539
 Ion Ratio Lower Upper
 146 100
 148 68.2 52.0 78.0
 111 40.5 34.7 52.1





#15
Benzyl Alcohol
Concen: 46.993 ng
RT: 8.393 min Scan# 903
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

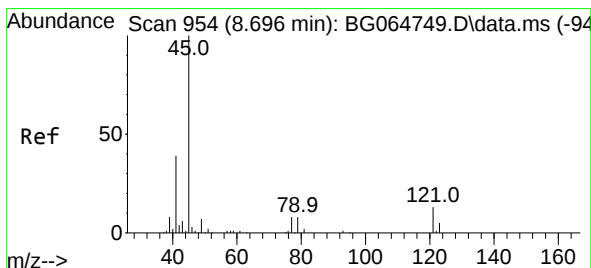
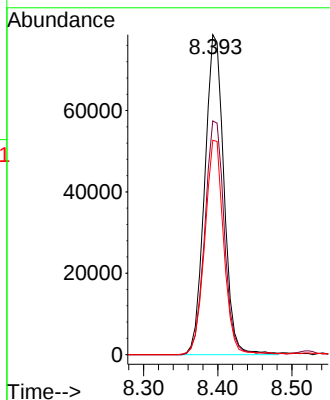
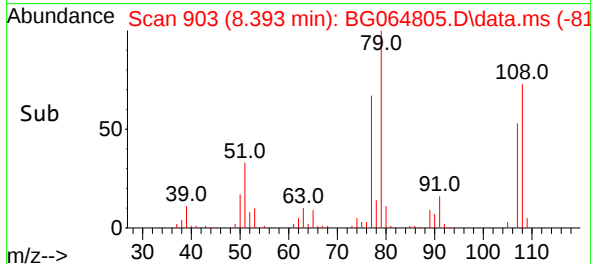
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



Tgt Ion: 79 Resp: 141575
Ion Ratio Lower Upper
79 100
108 73.0 62.3 93.5
77 67.0 53.5 80.3

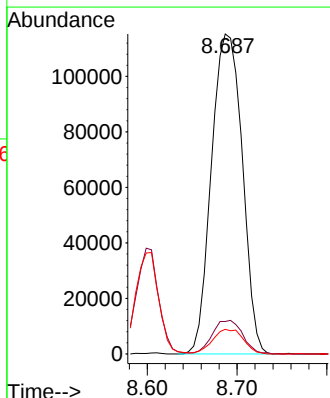
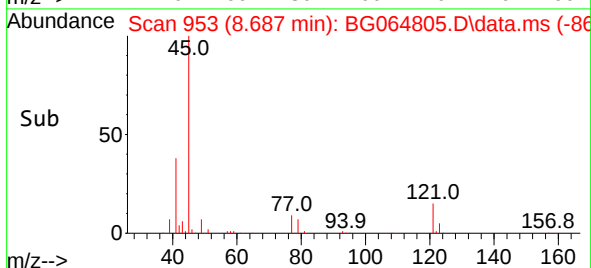
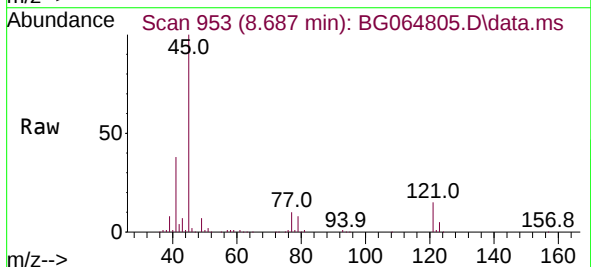
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APPROVED

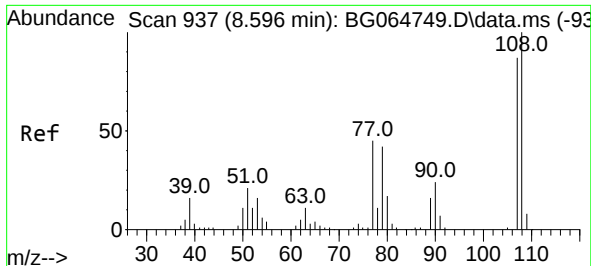
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.031 ng
RT: 8.687 min Scan# 953
Delta R.T. -0.009 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion: 45 Resp: 275986
Ion Ratio Lower Upper
45 100
77 10.1 0.0 28.8
79 7.7 0.0 28.1





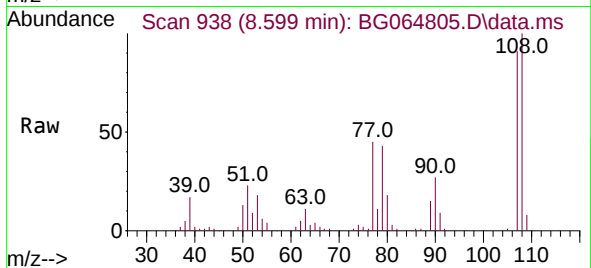
#17
2-Methylphenol
Concen: 48.361 ng
RT: 8.599 min Scan# 937
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MS

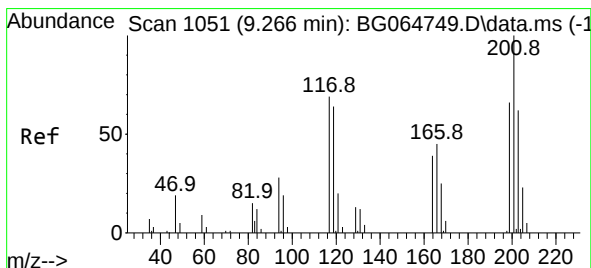
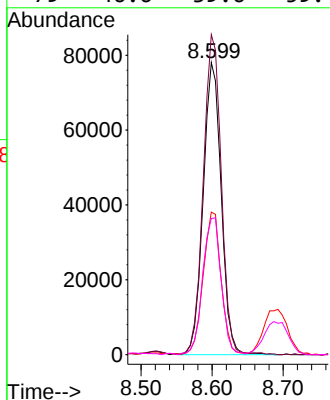
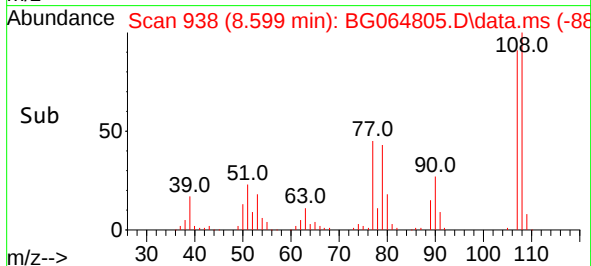


Tgt Ion:107 Resp: 13665
Ion Ratio Lower Upper
107 100
108 109.6 92.6 138.8
77 48.8 41.2 61.8
79 46.6 39.6 59.4

Manual Integrations

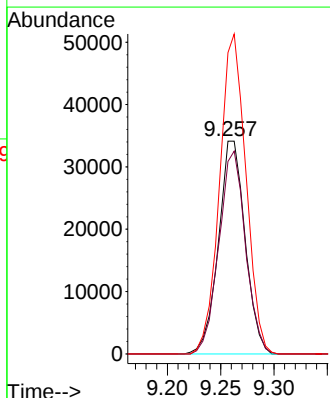
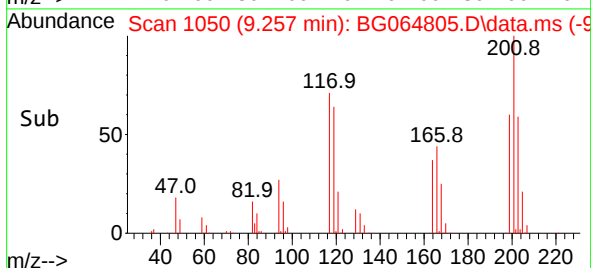
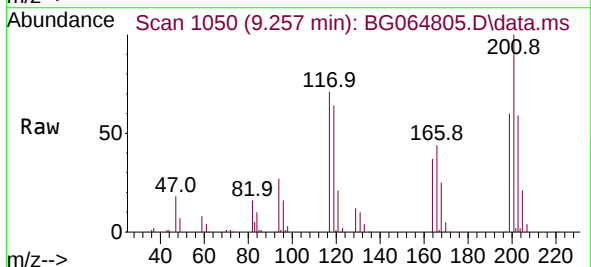
APPROVED

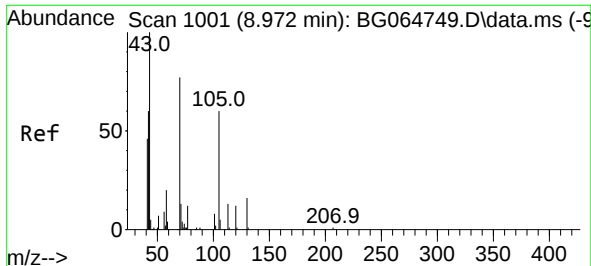
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#18
Hexachloroethane
Concen: 44.238 ng
RT: 9.257 min Scan# 1050
Delta R.T. -0.009 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:117 Resp: 59487
Ion Ratio Lower Upper
117 100
119 90.5 74.4 111.6
201 144.5 116.5 174.7





#19

n-Nitroso-di-n-propylamine

Concen: 44.716 ng

RT: 8.969 min Scan# 10

Delta R.T. -0.003 min

Lab File: BG064805.D

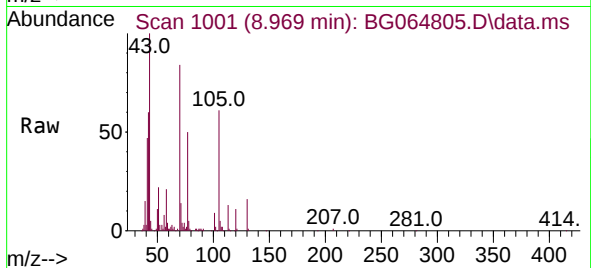
Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MS



Tgt Ion: 70 Resp: 11097

Ion Ratio Lower Upper

70 100

42 71.2 62.6 93.8

101 10.2 8.0 12.0

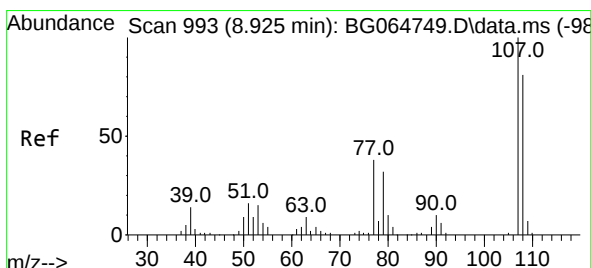
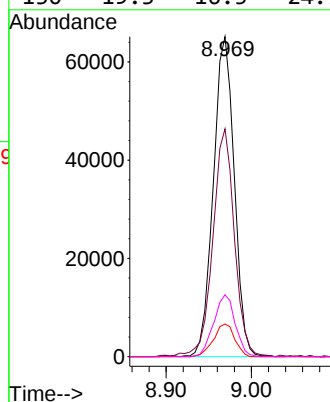
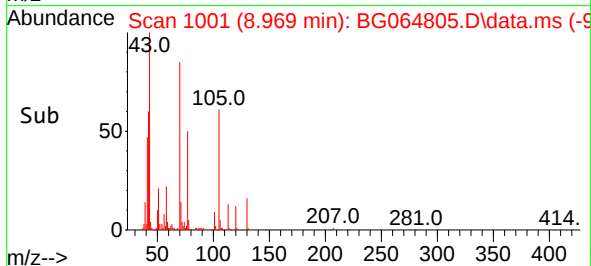
130 19.3 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#20

3+4-Methylphenols

Concen: 47.583 ng

RT: 8.928 min Scan# 994

Delta R.T. 0.003 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

Tgt Ion:107 Resp: 184193

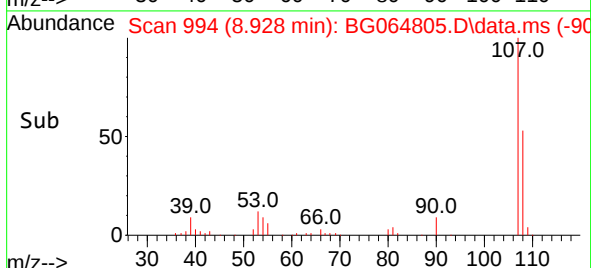
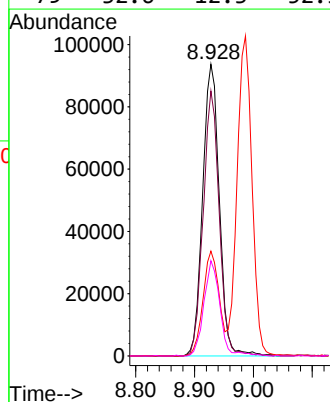
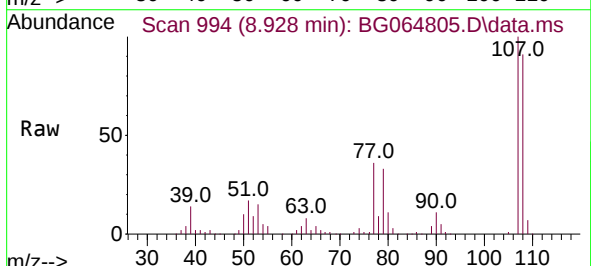
Ion Ratio Lower Upper

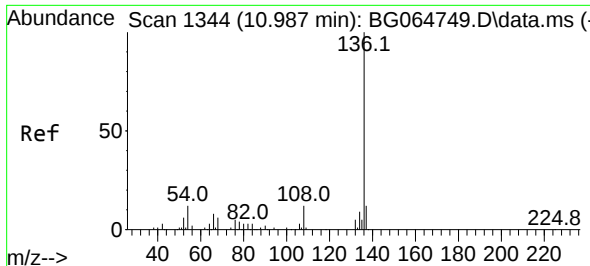
107 100

108 90.8 61.0 101.0

77 35.9 17.6 57.6

79 32.6 12.3 52.3





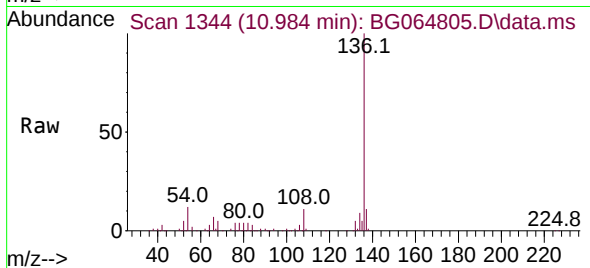
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.984 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MS

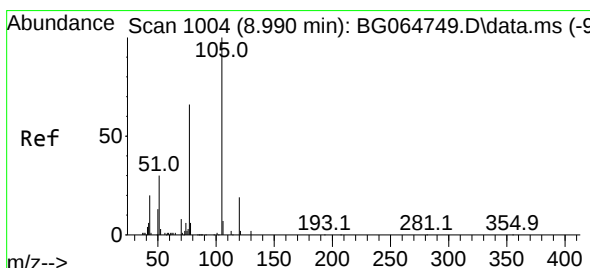
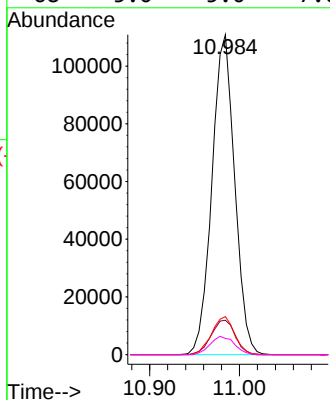
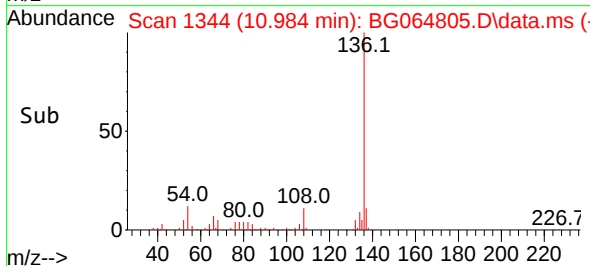


Tgt Ion:136 Resp: 195252
Ion Ratio Lower Upper
136 100
137 10.7 9.3 13.9
54 11.9 9.3 13.9
68 5.0 5.0 7.6#

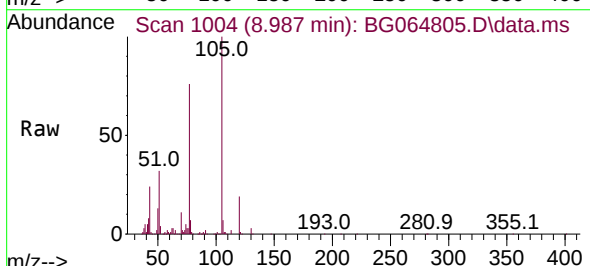
Manual Integrations

APPROVED

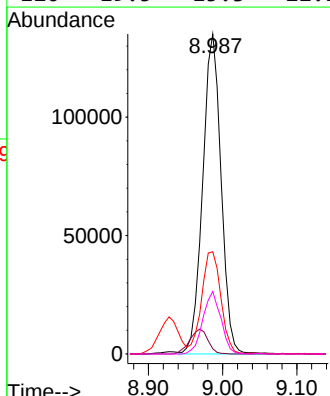
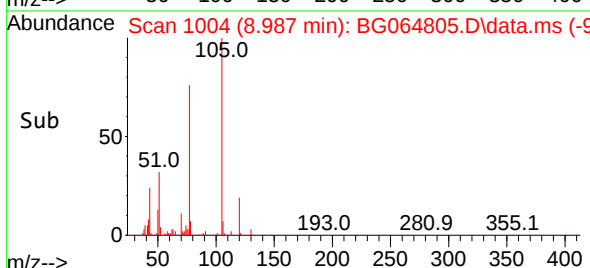
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

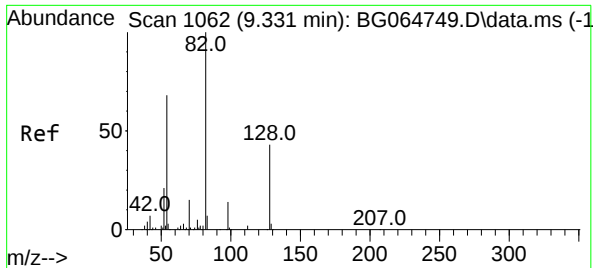


#22
Acetophenone
Concen: 43.754 ng
RT: 8.987 min Scan# 1004
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



Tgt Ion:105 Resp: 232753
Ion Ratio Lower Upper
105 100
71 1.7 1.3 1.9
51 31.9 27.9 41.9
120 19.5 15.3 22.9





#23
Nitrobenzene-d5
Concen: 62.335 ng
RT: 9.327 min Scan# 1062
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

ClientSampleId :

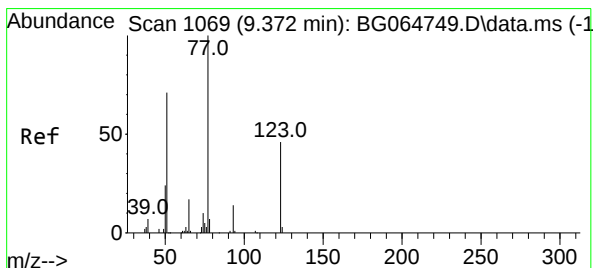
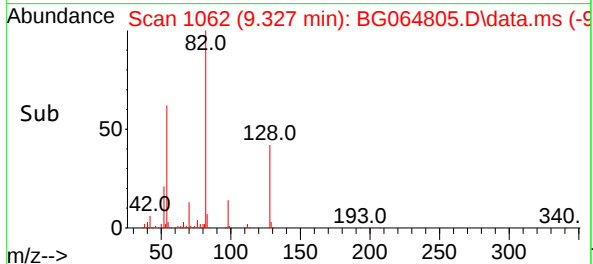
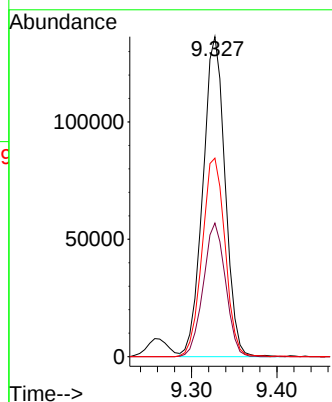
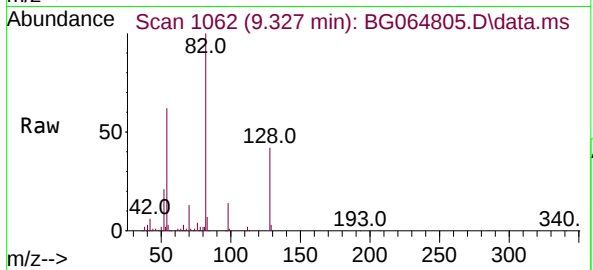
NB-07-111725MS

Tgt Ion: 82 Resp: 246163
Ion Ratio Lower Upper
82 100
128 41.7 34.1 51.1
54 62.0 54.3 81.5

Manual Integrations

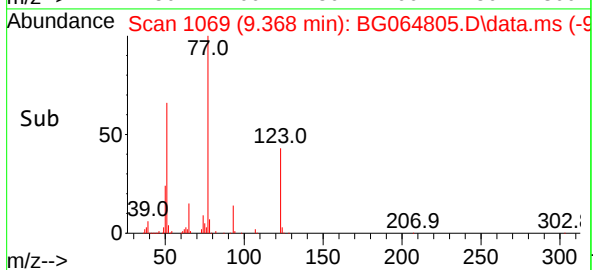
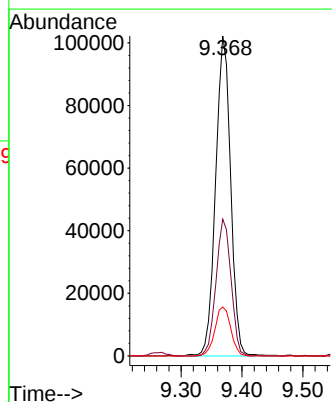
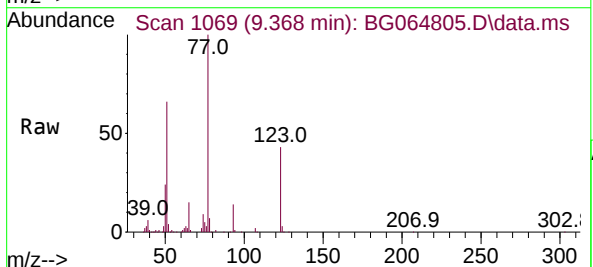
APPROVED

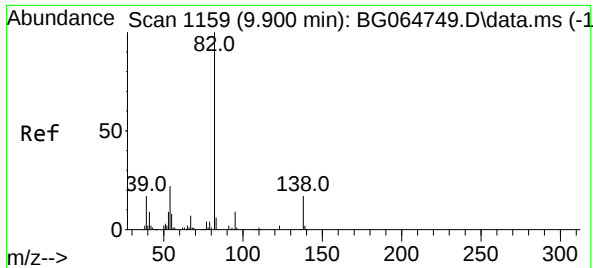
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#24
Nitrobenzene
Concen: 43.880 ng
RT: 9.368 min Scan# 1069
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion: 77 Resp: 175089
Ion Ratio Lower Upper
77 100
123 42.7 36.5 54.7
65 15.3 13.5 20.3





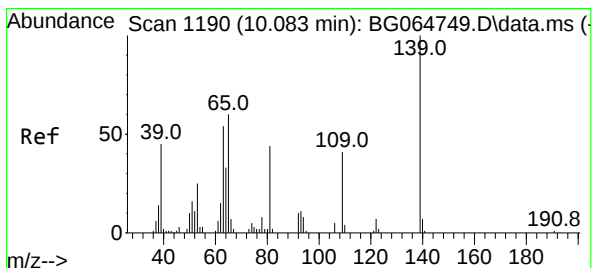
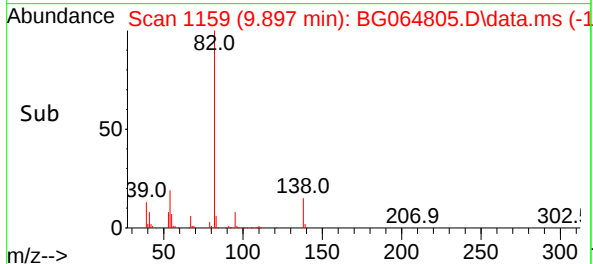
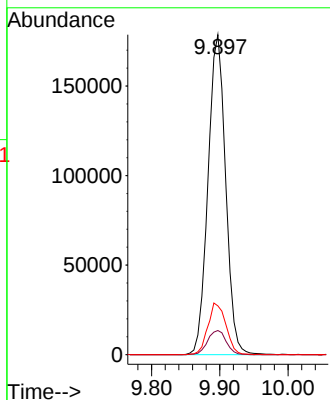
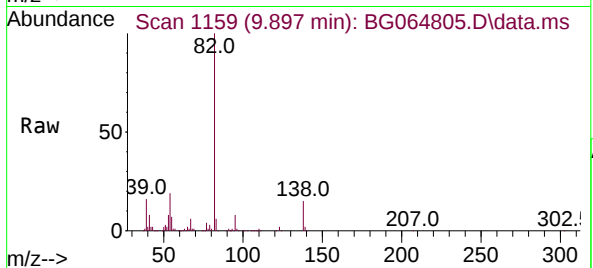
#25
Isophorone
Concen: 42.480 ng
RT: 9.897 min Scan# 1159
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS

Tgt Ion: 82 Resp: 319462
Ion Ratio Lower Upper
82 100
95 7.5 6.9 10.3
138 15.2 13.9 20.9

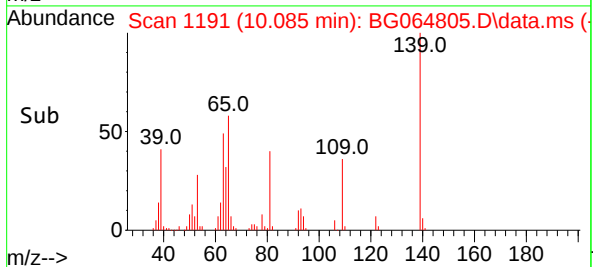
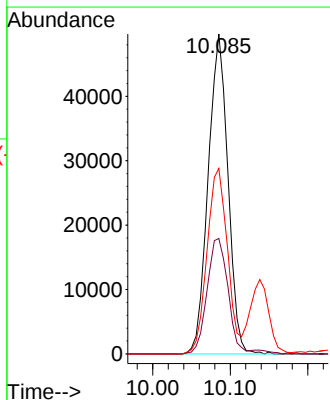
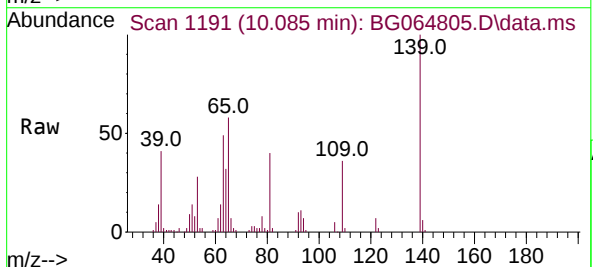
Manual Integrations
APPROVED

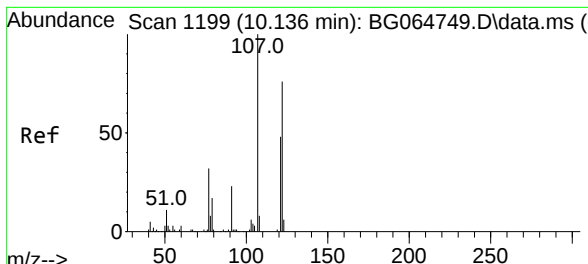
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#26
2-Nitrophenol
Concen: 48.965 ng
RT: 10.085 min Scan# 1191
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

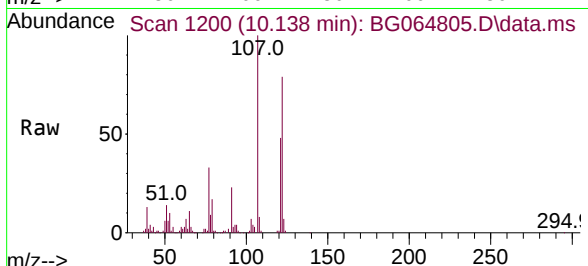
Tgt Ion:139 Resp: 87880
Ion Ratio Lower Upper
139 100
109 36.1 32.5 48.7
65 58.0 47.6 71.4





#27
 2,4-Dimethylphenol
 Concen: 46.697 ng
 RT: 10.138 min Scan# 1199
 Delta R.T. 0.003 min
 Lab File: BG064805.D
 Acq: 18 Nov 2025 16:21

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-111725MS

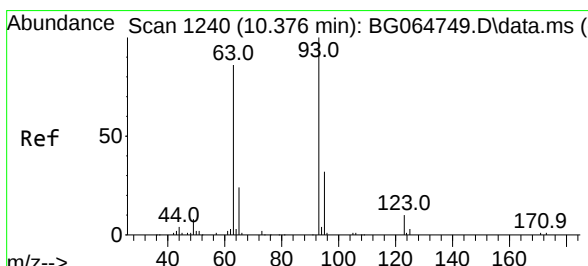
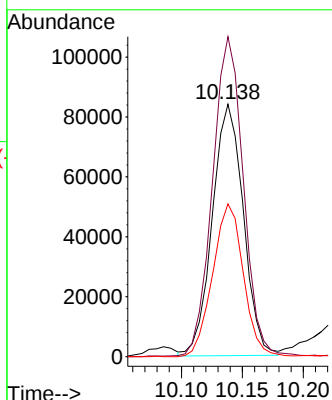
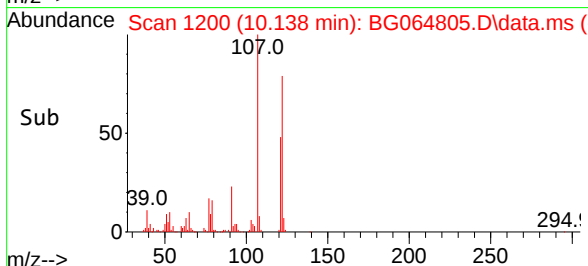


Tgt Ion: 122 Resp: 148894

Ion	Ratio	Lower	Upper
122	100		
107	126.8	102.5	153.7
121	60.5	49.0	73.6

Manual Integrations
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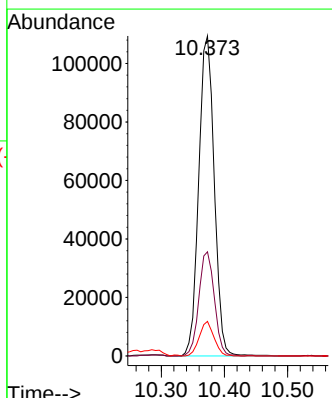
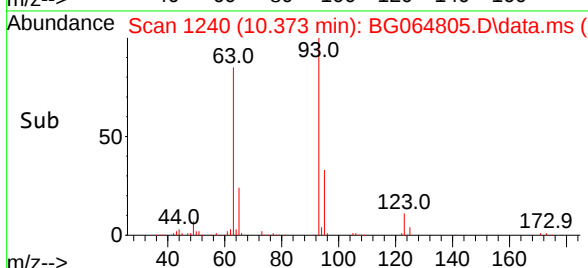
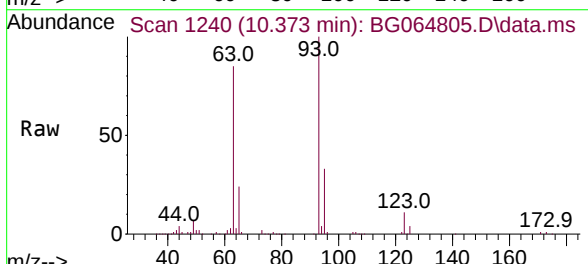
Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025

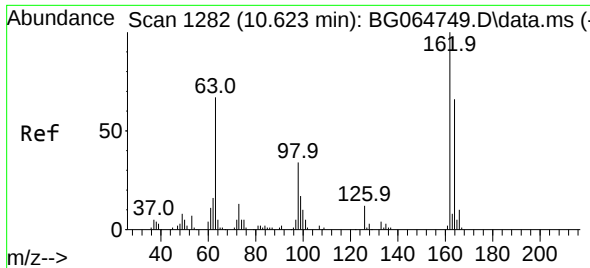


#28
 bis(2-Chloroethoxy)methane
 Concen: 45.138 ng
 RT: 10.373 min Scan# 1240
 Delta R.T. -0.003 min
 Lab File: BG064805.D
 Acq: 18 Nov 2025 16:21

Tgt Ion: 93 Resp: 186357

Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.4	38.2
123	10.8	8.1	12.1





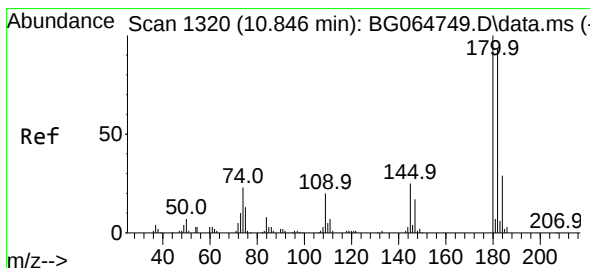
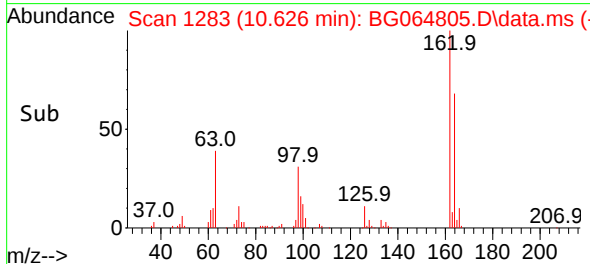
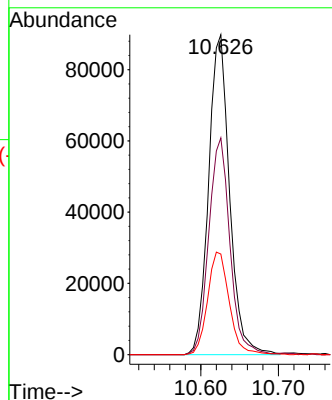
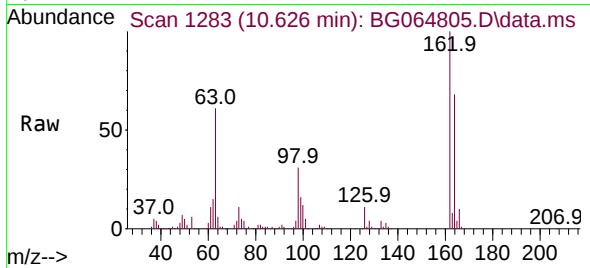
#29
2,4-Dichlorophenol
Concen: 49.293 ng
RT: 10.626 min Scan# 1282
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS

Tgt Ion:162 Resp: 168740
Ion Ratio Lower Upper
162 100
164 67.7 46.0 86.0
98 31.4 14.2 54.2

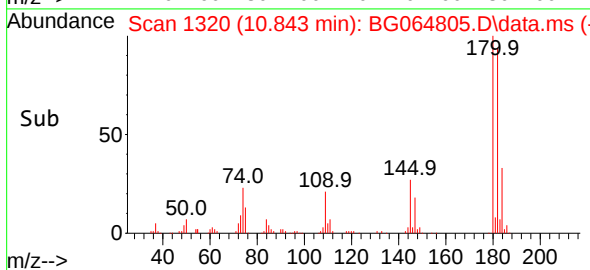
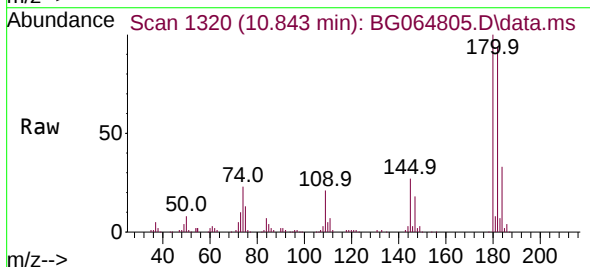
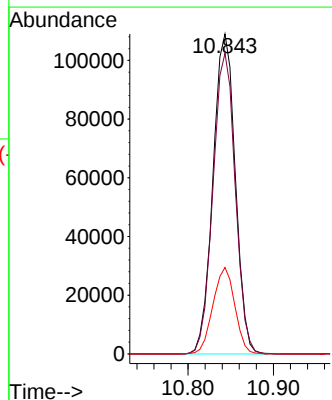
Manual Integrations
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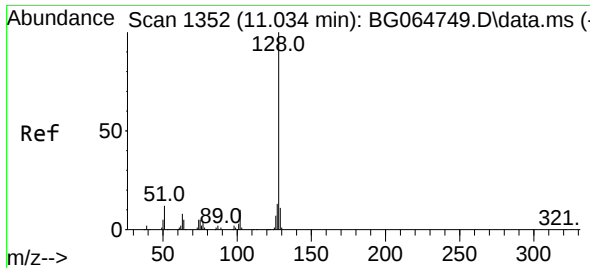
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#30
1,2,4-Trichlorobenzene
Concen: 47.783 ng
RT: 10.843 min Scan# 1320
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

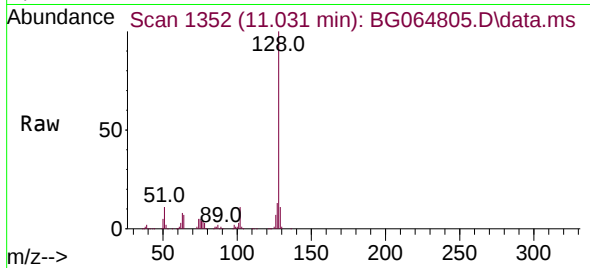
Tgt Ion:180 Resp: 197518
Ion Ratio Lower Upper
180 100
182 93.9 74.2 111.4
145 27.0 20.0 30.0





#31
Naphthalene
Concen: 44.050 ng
RT: 11.031 min Scan# 1352
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

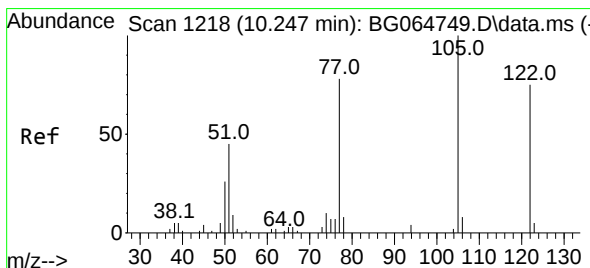
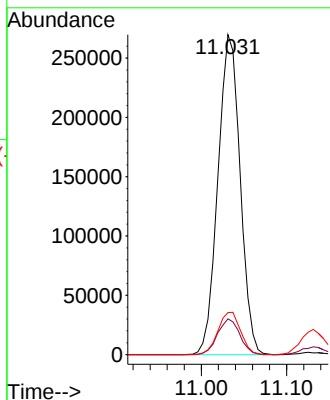
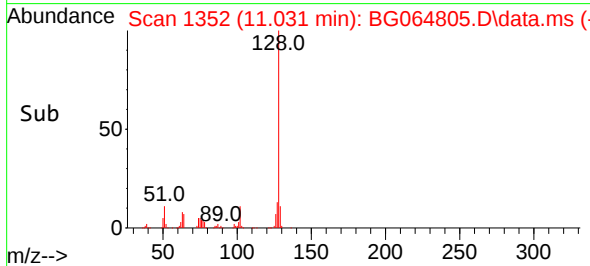
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



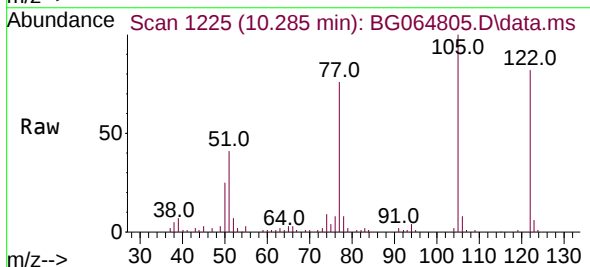
Tgt Ion:128 Resp: 487558
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.1 10.6 16.0

Manual Integrations
APPROVED

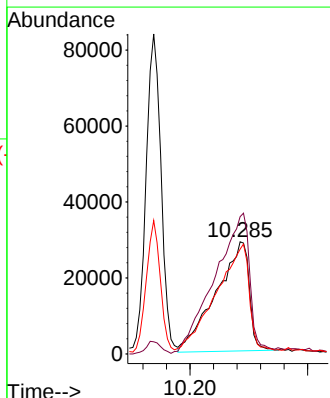
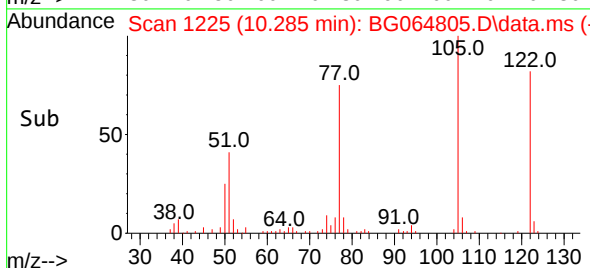
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

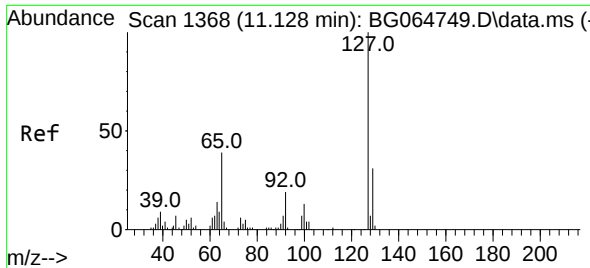


#32
Benzoic acid
Concen: 49.693 ng
RT: 10.285 min Scan# 1225
Delta R.T. 0.038 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



Tgt Ion:122 Resp: 112360
Ion Ratio Lower Upper
122 100
105 122.5 107.6 147.6
77 93.4 82.5 122.5





#33
4-Chloroaniline
Concen: 10.206 ng
RT: 11.131 min Scan# 1368
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

ClientSampleId :

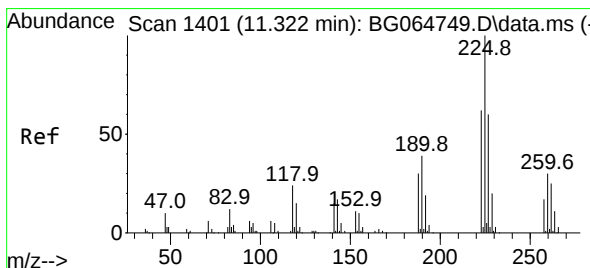
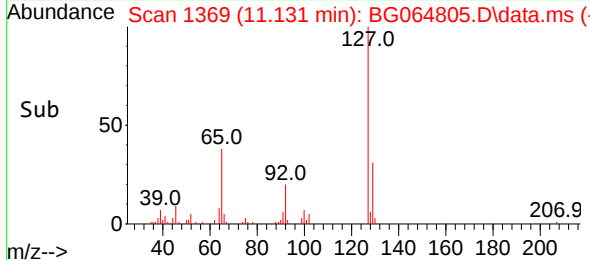
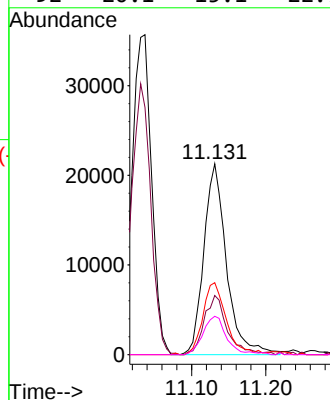
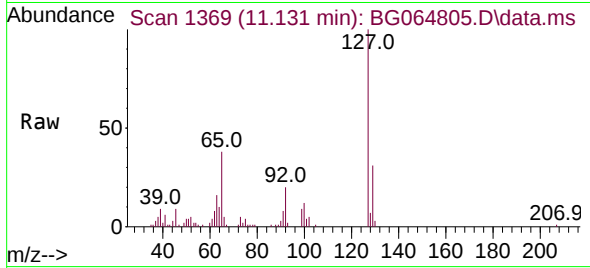
NB-07-111725MS

Tgt Ion:127 Resp: 45187
Ion Ratio Lower Upper
127 100
129 31.0 24.9 37.3
65 37.7 30.9 46.3
92 20.1 15.1 22.7

Manual Integrations

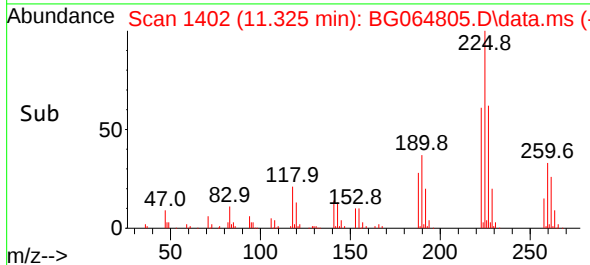
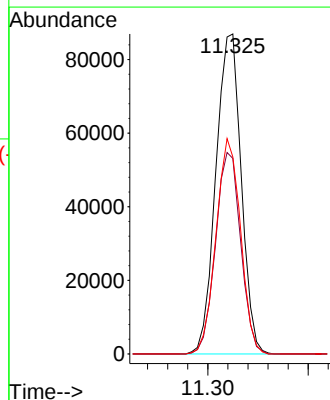
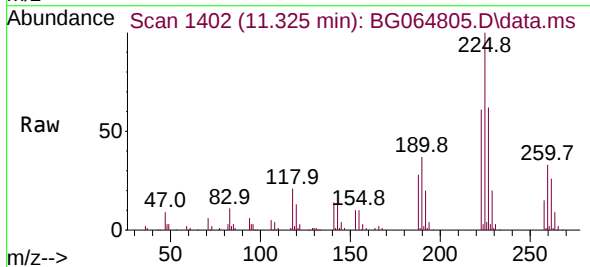
APPROVED

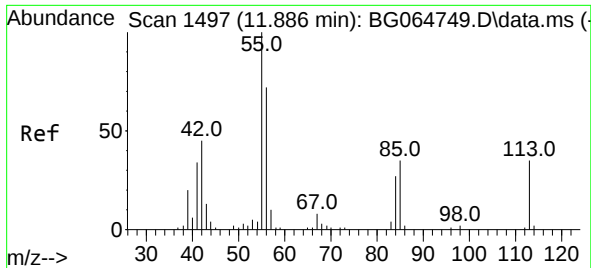
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#34
Hexachlorobutadiene
Concen: 43.025 ng
RT: 11.325 min Scan# 1402
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:225 Resp: 152598
Ion Ratio Lower Upper
225 100
223 61.1 49.9 74.9
227 61.5 50.6 75.8





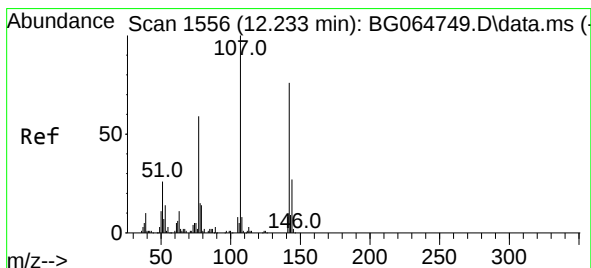
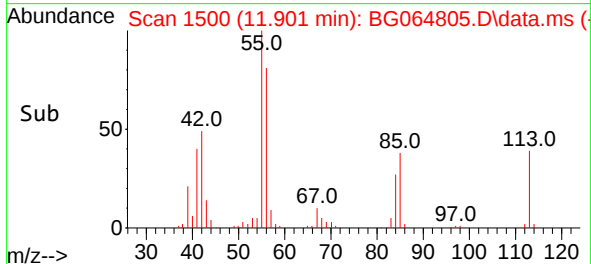
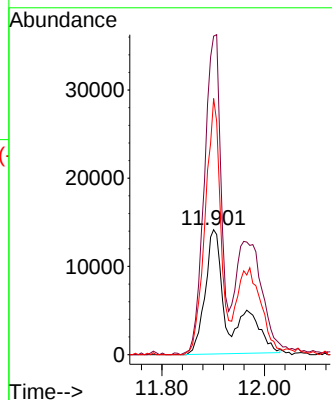
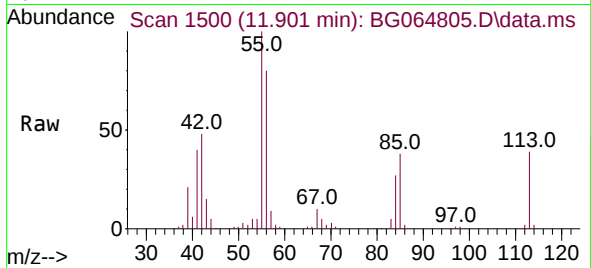
#35
 Caprolactam
 Concen: 45.085 ng m
 RT: 11.901 min Scan# 11
 Delta R.T. 0.014 min
 Lab File: BG064805.D
 Acq: 18 Nov 2025 16:21

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-111725MS

Tgt Ion:113 Resp: 46162
 Ion Ratio Lower Upper
 113 100
 55 255.1 263.7 303.7
 56 205.1 184.0 224.0

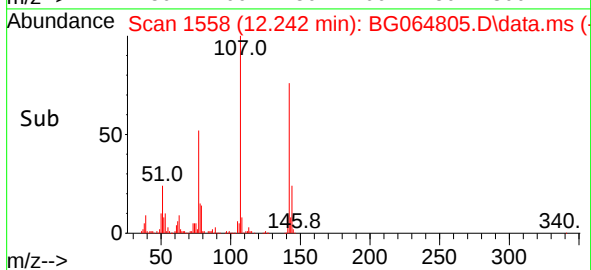
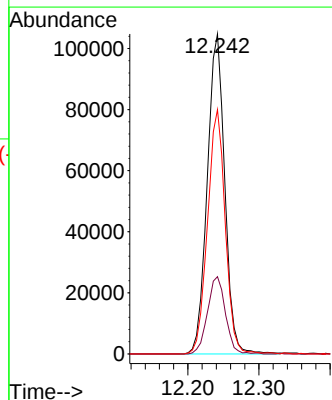
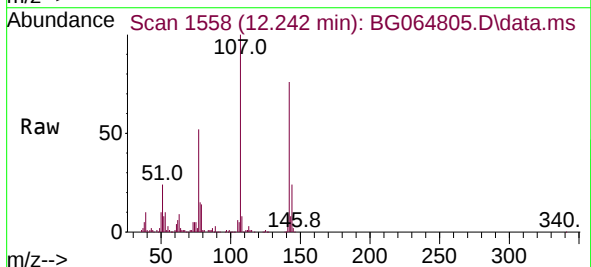
Manual Integrations
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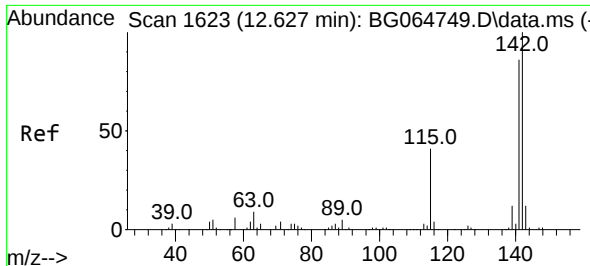
Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025



#36
 4-Chloro-3-methylphenol
 Concen: 46.967 ng
 RT: 12.242 min Scan# 1558
 Delta R.T. 0.008 min
 Lab File: BG064805.D
 Acq: 18 Nov 2025 16:21

Tgt Ion:107 Resp: 178954
 Ion Ratio Lower Upper
 107 100
 144 24.1 21.7 32.5
 142 76.3 60.8 91.2





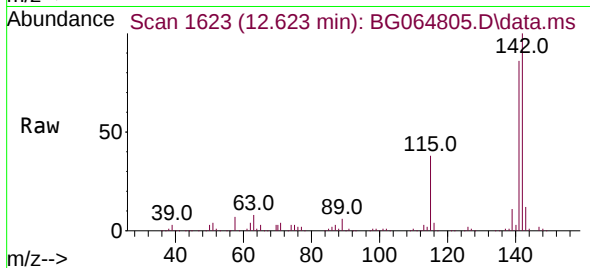
#37
2-Methylnaphthalene
Concen: 40.640 ng
RT: 12.623 min Scan# 1623
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MS

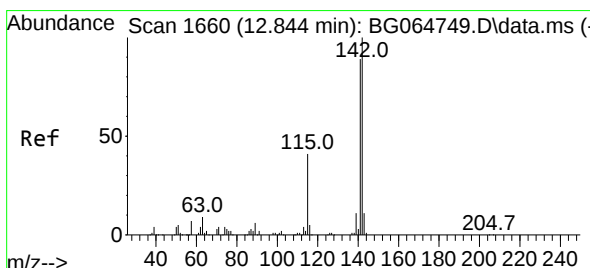
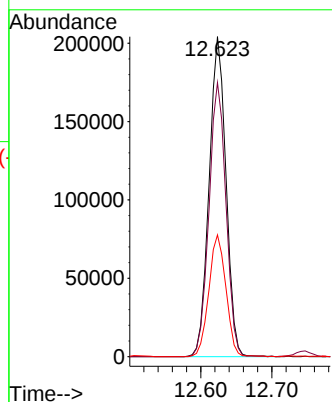
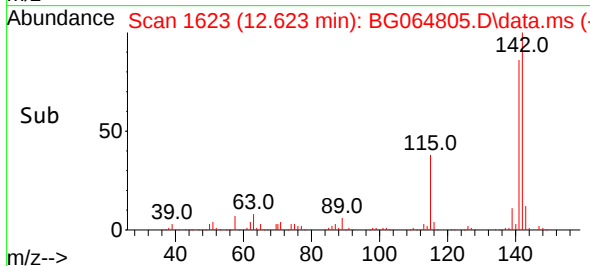


Tgt Ion:142 Resp: 336610
Ion Ratio Lower Upper
142 100
141 85.6 69.1 103.7
115 38.0 32.9 49.3

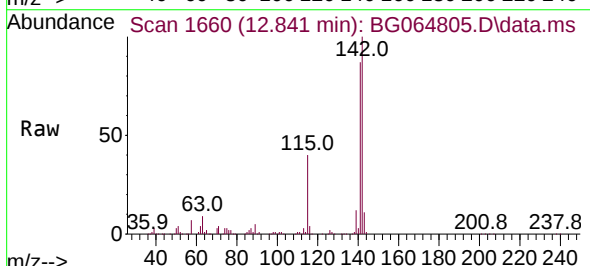
Manual Integrations

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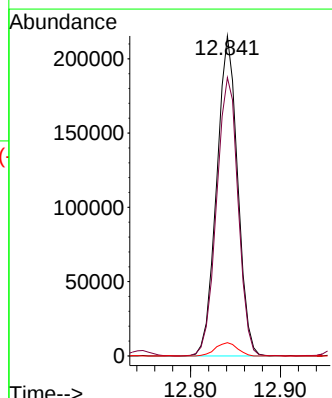
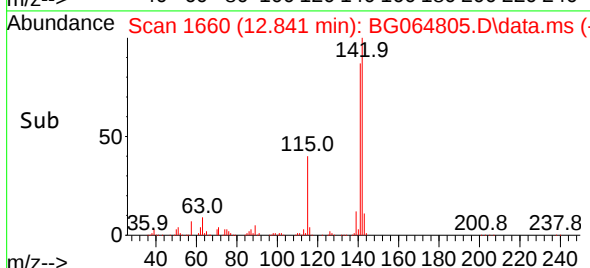
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

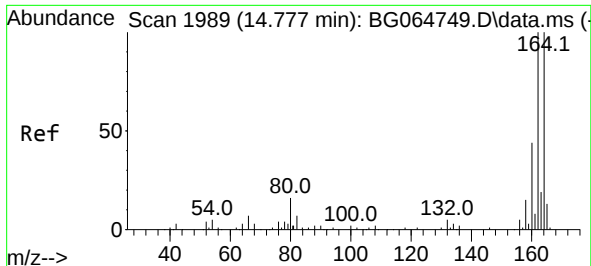


#38
1-Methylnaphthalene
Concen: 42.510 ng
RT: 12.841 min Scan# 1660
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



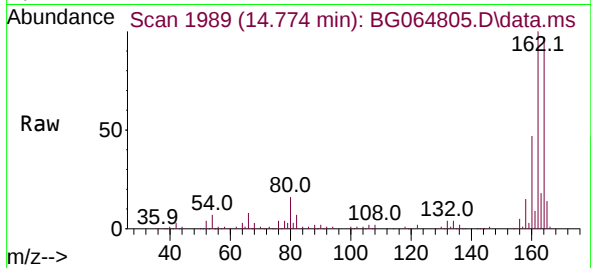
Tgt Ion:142 Resp: 349765
Ion Ratio Lower Upper
142 100
141 87.0 70.8 106.2
116 4.1 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 1989
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

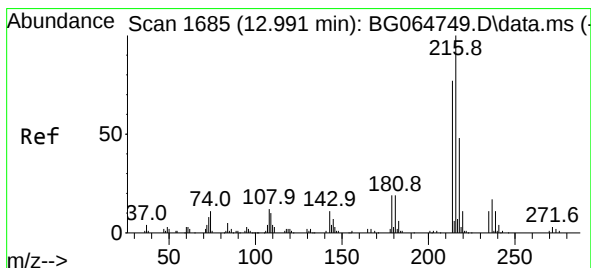
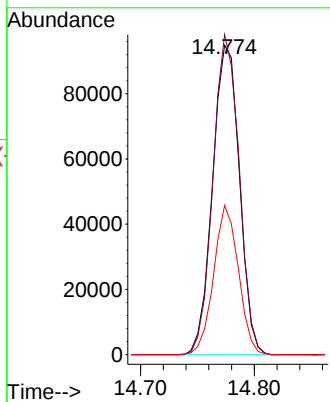
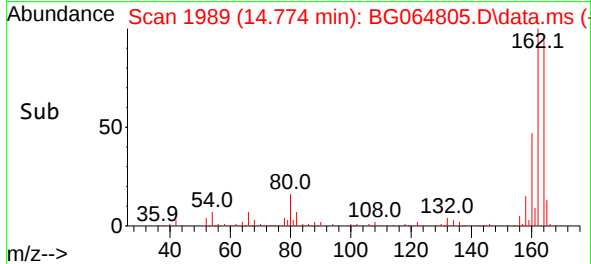
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



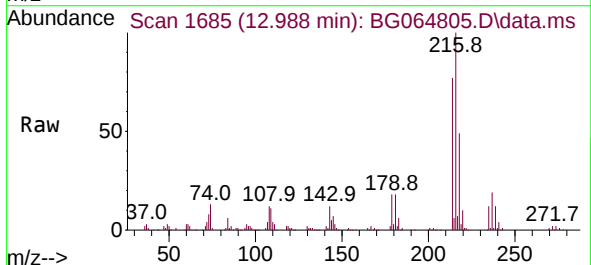
Tgt Ion:164 Resp: 155876
Ion Ratio Lower Upper
164 100
162 103.4 79.8 119.6
160 48.2 34.9 52.3

Manual Integrations
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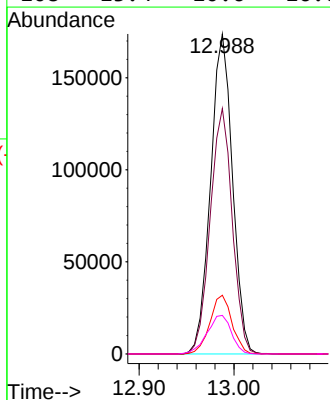
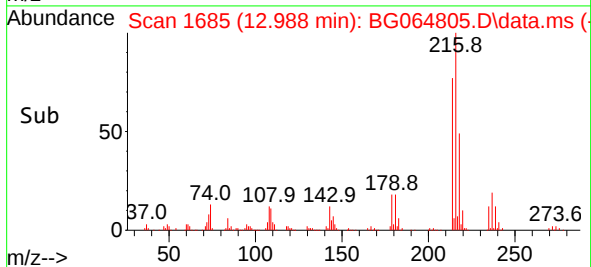
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

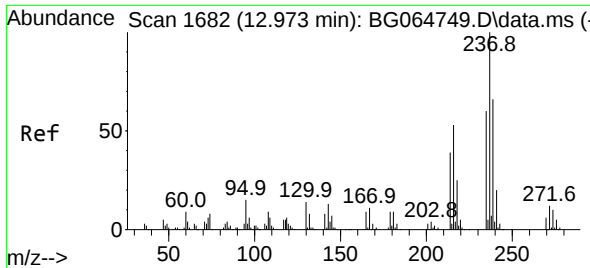


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.979 ng
RT: 12.988 min Scan# 1685
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



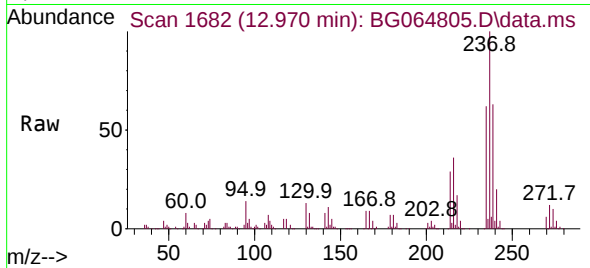
Tgt Ion:216 Resp: 278911
Ion Ratio Lower Upper
216 100
214 77.0 60.5 90.7
179 18.4 14.7 22.1
108 13.4 10.6 16.0





#41
Hexachlorocyclopentadiene
Concen: 51.450 ng
RT: 12.970 min Scan# 1682
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

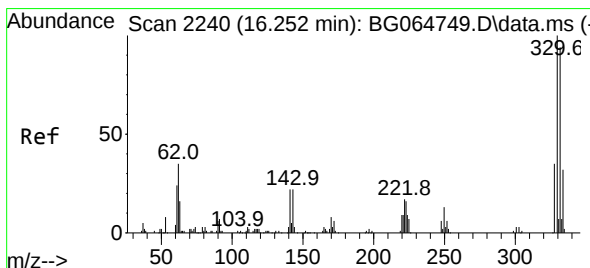
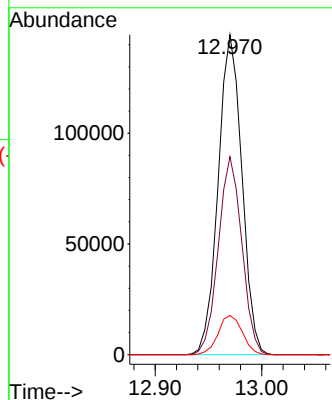
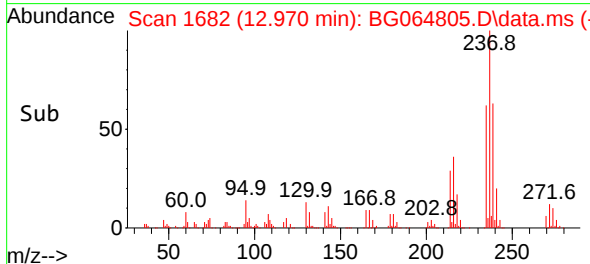
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



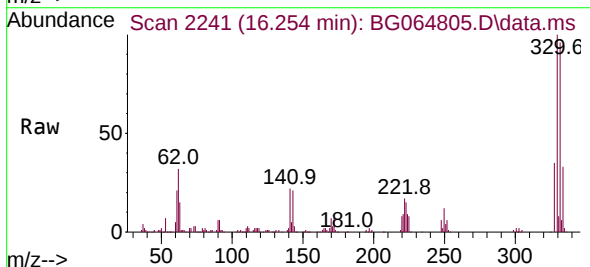
Tgt Ion:237 Resp: 223701
Ion Ratio Lower Upper
237 100
235 61.8 40.2 80.2
272 12.2 0.0 31.9

Manual Integrations
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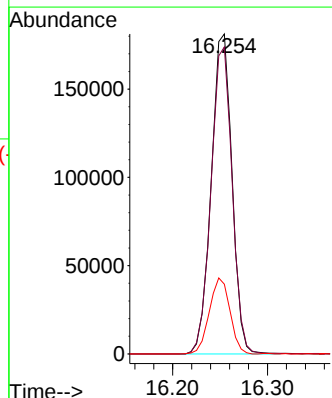
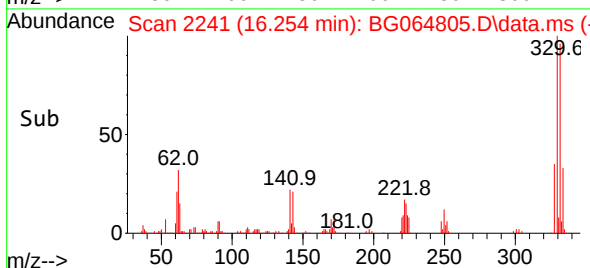
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

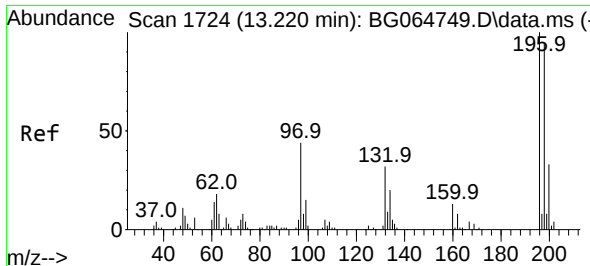


#42
2,4,6-Tribromophenol
Concen: 90.768 ng
RT: 16.254 min Scan# 2241
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



Tgt Ion:330 Resp: 275931
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 23.5 18.2 27.2





#43
2,4,6-Trichlorophenol
Concen: 48.965 ng
RT: 13.217 min Scan# 1724
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

ClientSampleId :

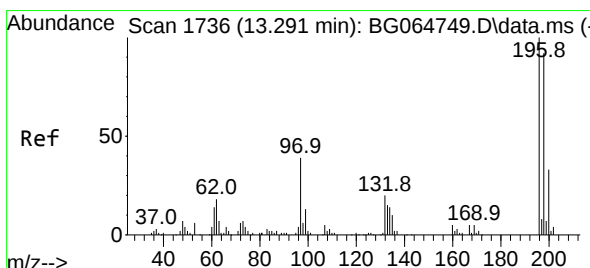
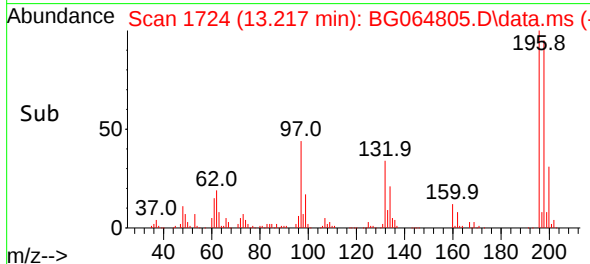
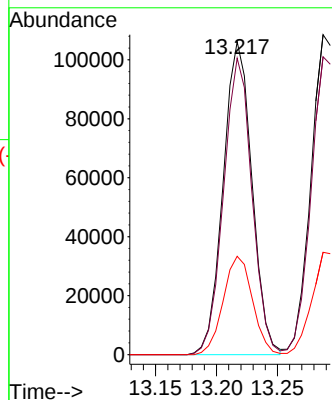
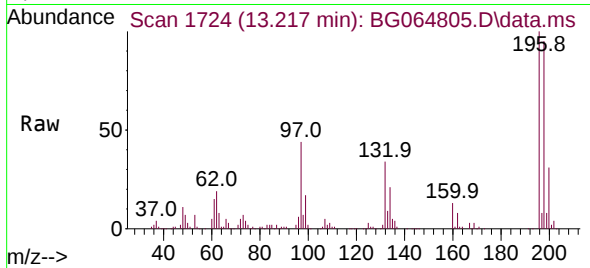
NB-07-111725MS

Tgt Ion:196 Resp: 17432
Ion Ratio Lower Upper
196 100
198 94.8 75.3 112.9
200 31.4 26.2 39.2

Manual Integrations

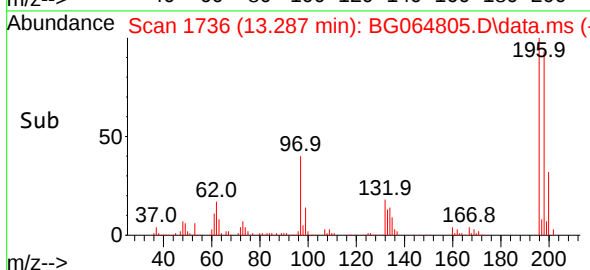
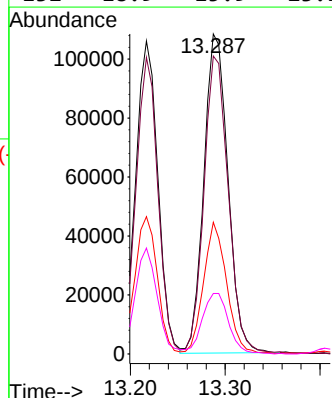
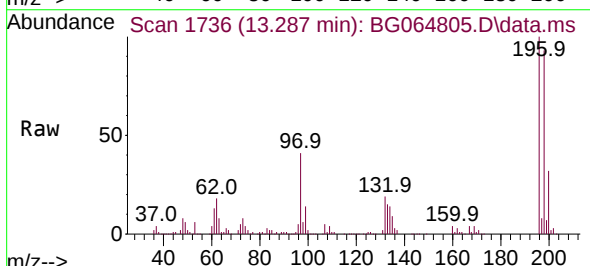
APPROVED

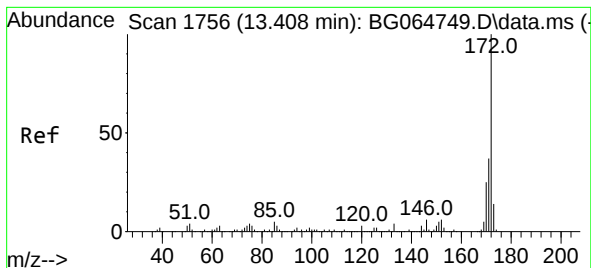
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#44
2,4,5-Trichlorophenol
Concen: 47.907 ng
RT: 13.287 min Scan# 1736
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

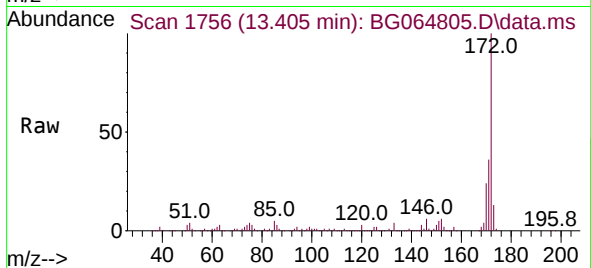
Tgt Ion:196 Resp: 191296
Ion Ratio Lower Upper
196 100
198 93.1 73.2 109.8
97 41.1 31.4 47.0
132 18.9 15.9 23.9





#45
2-Fluorobiphenyl
Concen: 59.279 ng
RT: 13.405 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

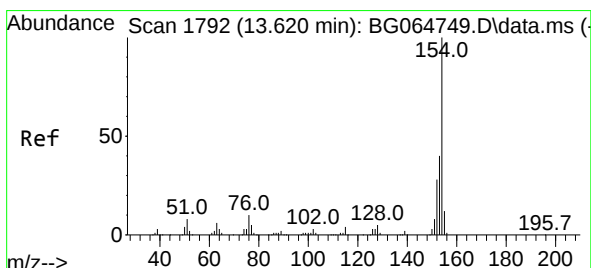
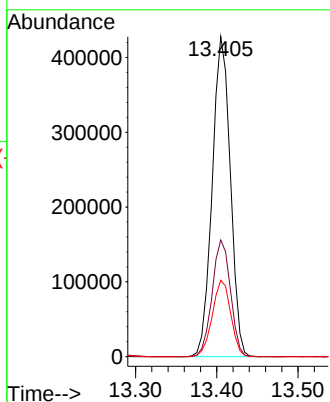
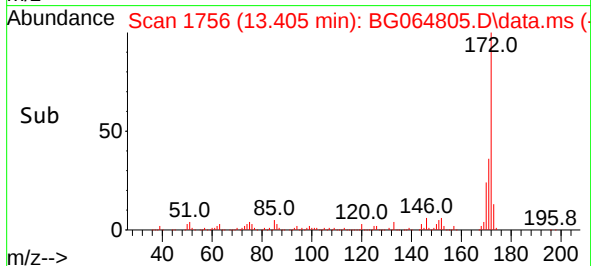
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



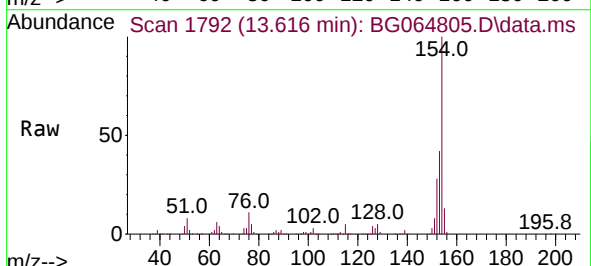
Tgt Ion:172 Resp: 662190
Ion Ratio Lower Upper
172 100
171 36.4 29.9 44.9
170 23.9 19.8 29.6

Manual Integrations
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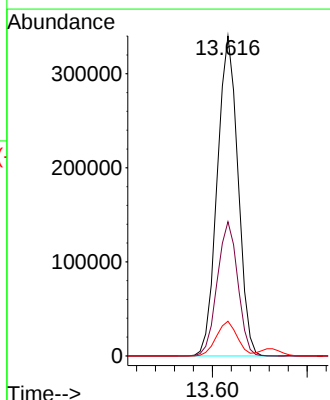
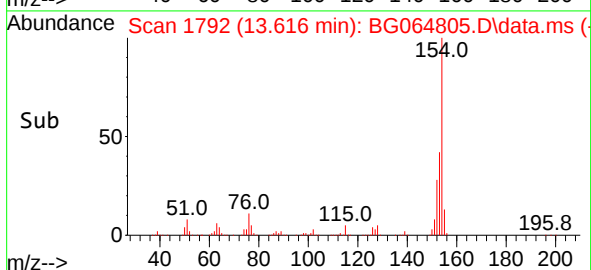
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

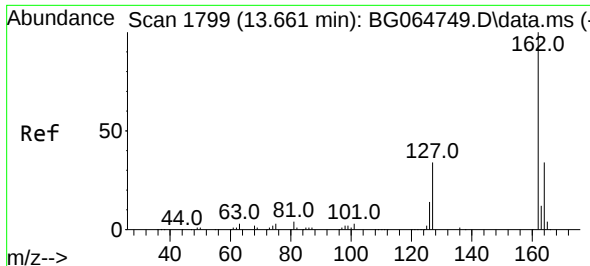


#46
1,1'-Biphenyl
Concen: 46.006 ng
RT: 13.616 min Scan# 1792
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



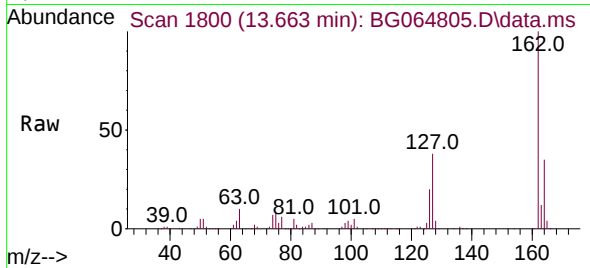
Tgt Ion:154 Resp: 515038
Ion Ratio Lower Upper
154 100
153 41.9 19.8 59.8
76 10.8 0.0 30.0





#47
2-Chloronaphthalene
Concen: 45.521 ng
RT: 13.663 min Scan# 1800
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

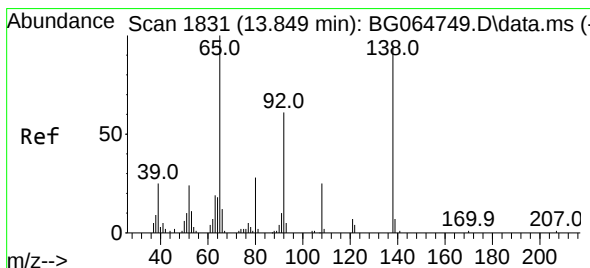
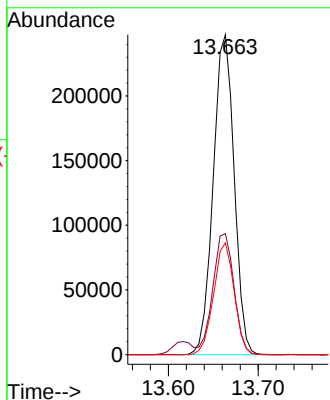
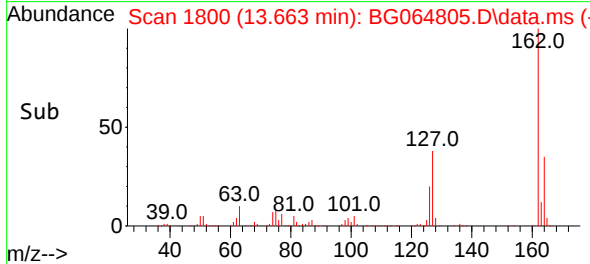
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



Tgt Ion:162 Resp: 401490
Ion Ratio Lower Upper
162 100
127 37.8 30.3 45.5
164 34.9 26.8 40.2

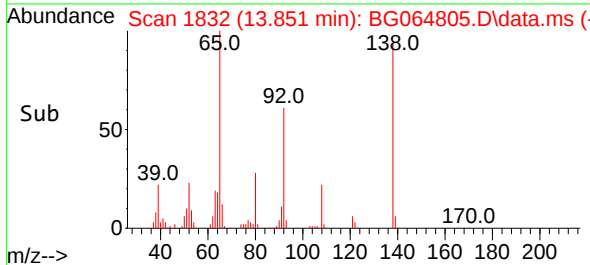
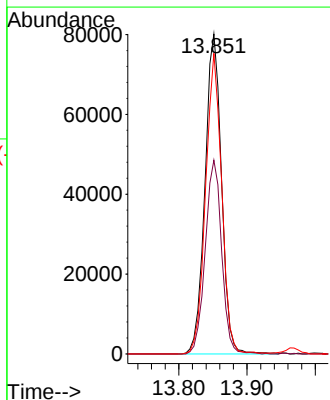
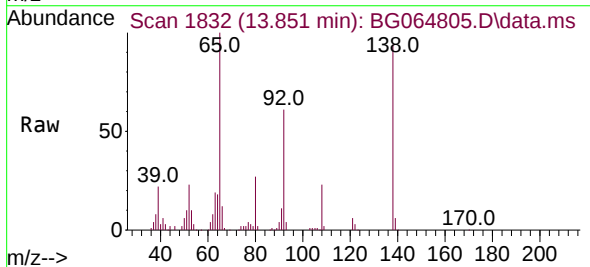
Manual Integrations
APPROVED

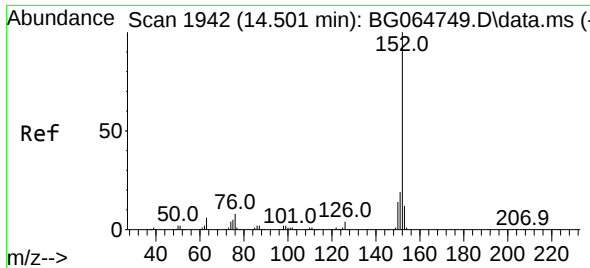
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#48
2-Nitroaniline
Concen: 47.464 ng
RT: 13.851 min Scan# 1832
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

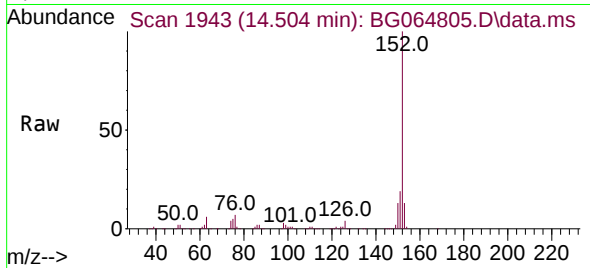
Tgt Ion: 65 Resp: 134647
Ion Ratio Lower Upper
65 100
92 60.5 48.6 73.0
138 93.9 76.4 114.6





#49
Acenaphthylene
Concen: 45.912 ng
RT: 14.504 min Scan# 1942
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

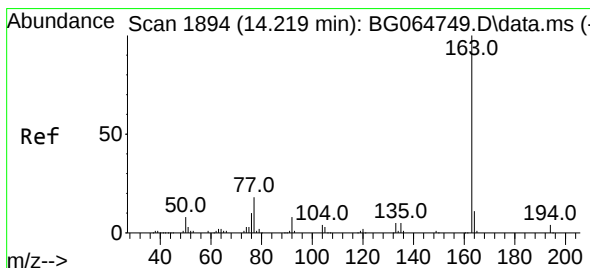
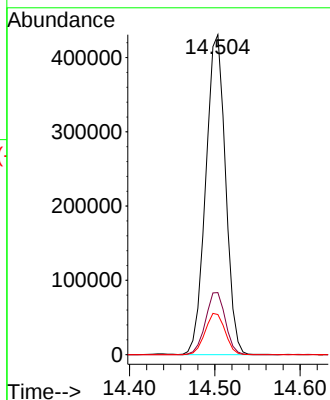
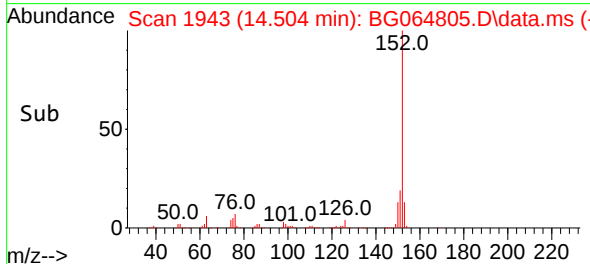
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



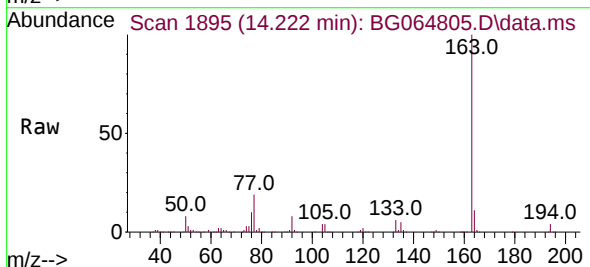
Tgt Ion:152 Resp: 691802
Ion Ratio Lower Upper
152 100
151 19.4 15.0 22.4
153 12.5 9.9 14.9

Manual Integrations
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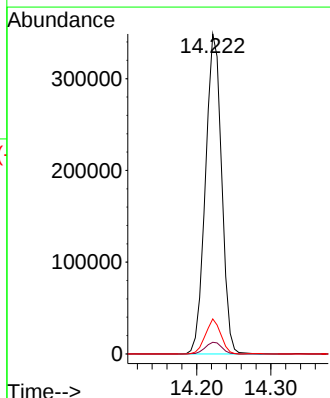
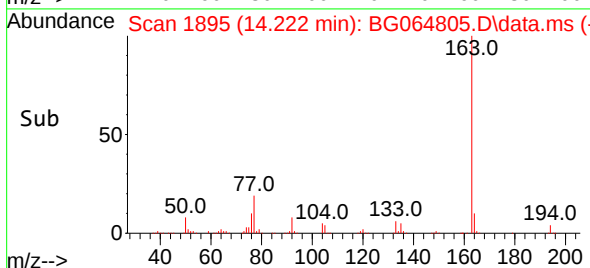
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

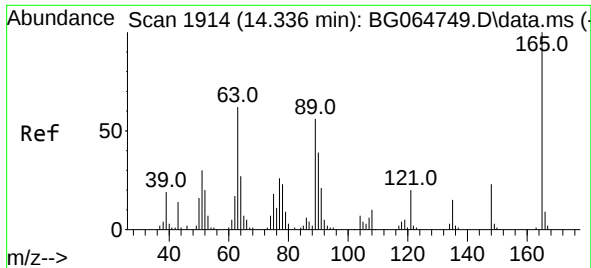


#50
Dimethylphthalate
Concen: 42.838 ng
RT: 14.222 min Scan# 1895
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



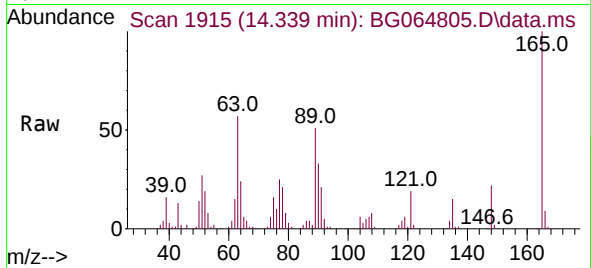
Tgt Ion:163 Resp: 527447
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 10.9 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 47.507 ng
RT: 14.339 min Scan# 1914
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

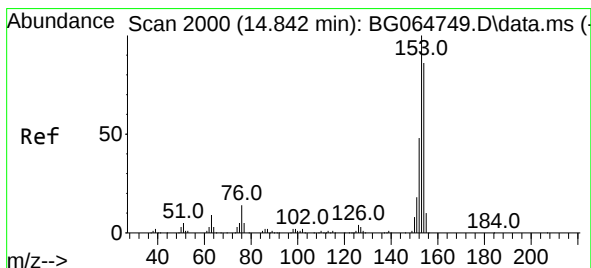
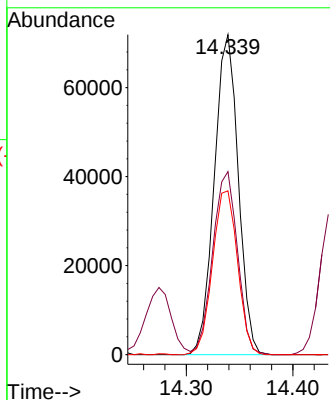
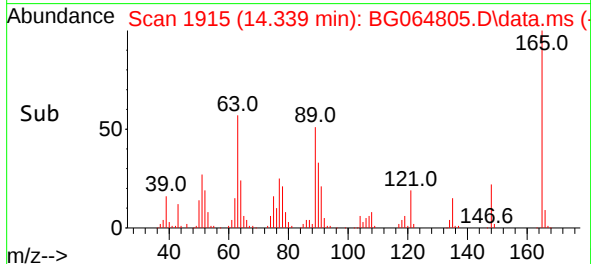
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



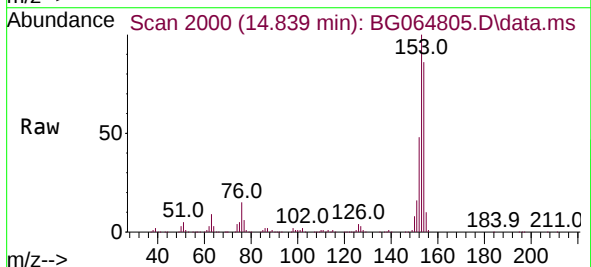
Tgt Ion:165 Resp: 112556
Ion Ratio Lower Upper
165 100
63 57.2 49.8 74.8
89 51.2 45.0 67.4

Manual Integrations
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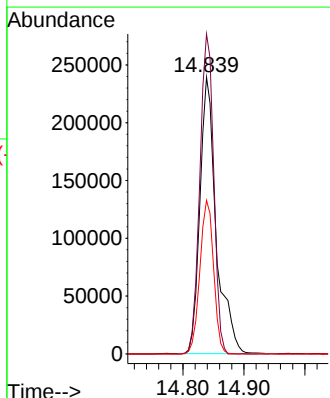
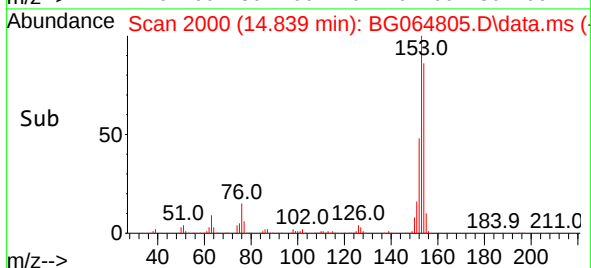
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

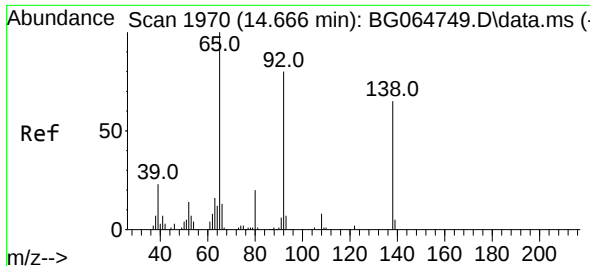


#52
Acenaphthene
Concen: 49.313 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



Tgt Ion:154 Resp: 445517
Ion Ratio Lower Upper
154 100
153 115.7 93.0 139.4
152 55.5 44.4 66.6





#53
3-Nitroaniline
Concen: 28.336 ng
RT: 14.668 min Scan# 1970
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

ClientSampleId :

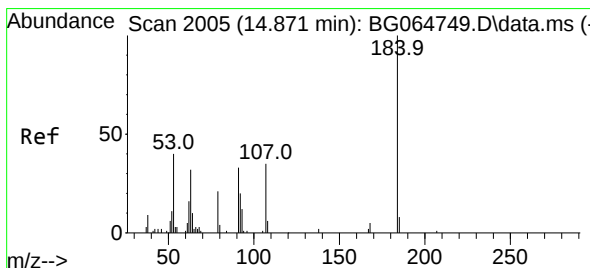
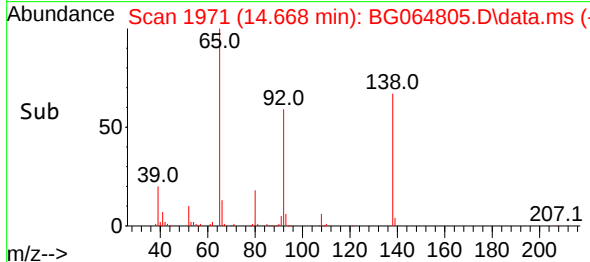
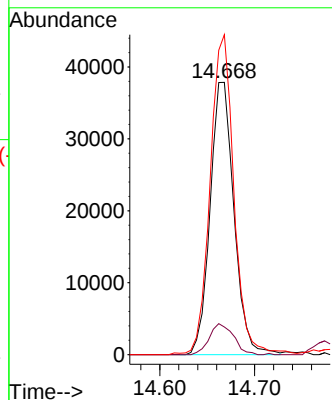
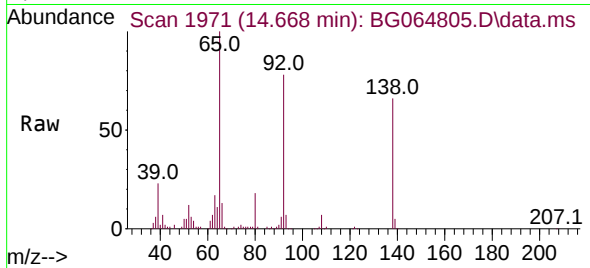
NB-07-111725MS

Tgt Ion:138 Resp: 66262
Ion Ratio Lower Upper
138 100
108 10.1 9.5 14.3
92 117.6 99.0 148.4

Manual Integrations

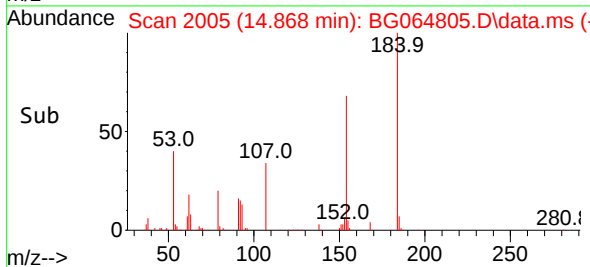
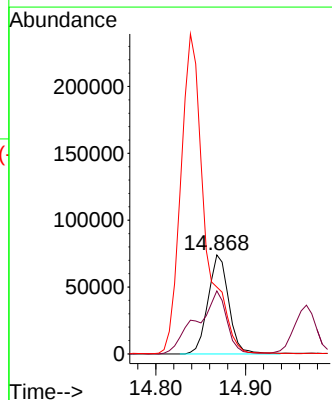
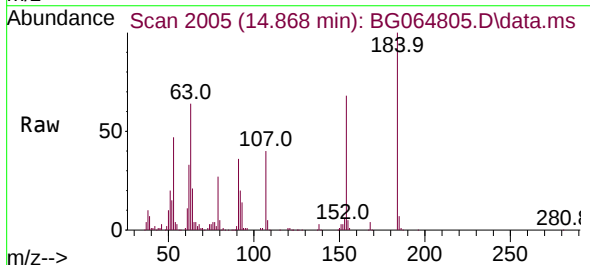
APPROVED

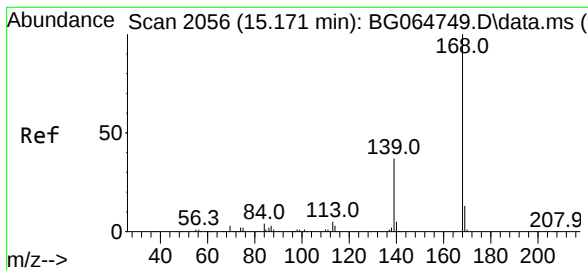
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#54
2,4-Dinitrophenol
Concen: 73.554 ng
RT: 14.868 min Scan# 2005
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

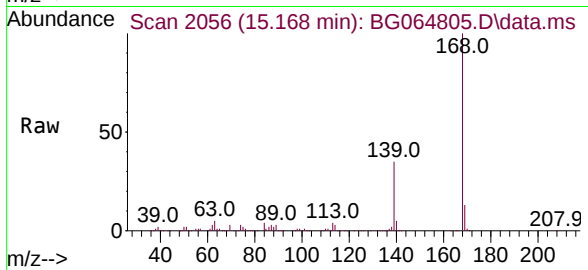
Tgt Ion:184 Resp: 118117
Ion Ratio Lower Upper
184 100
63 63.7 45.8 68.6
154 67.6 52.6 78.8





#55
Dibenzofuran
Concen: 45.064 ng
RT: 15.168 min Scan# 2056
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

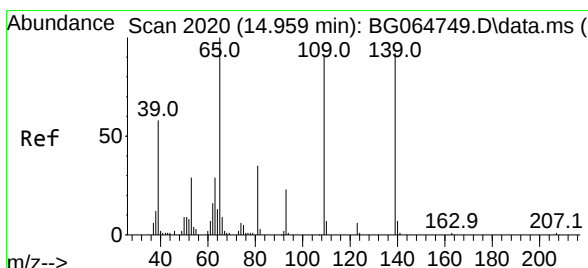
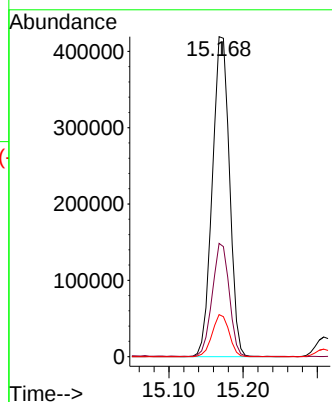
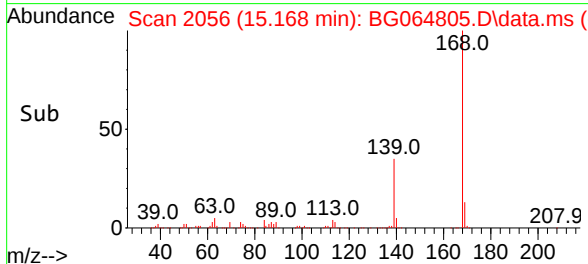
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



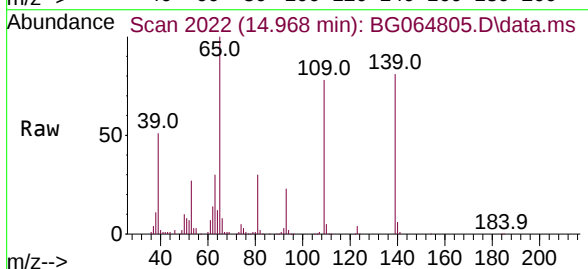
Tgt Ion:168 Resp: 673078
Ion Ratio Lower Upper
168 100
139 35.4 29.5 44.3
169 13.1 10.4 15.6

Manual Integrations
APPROVED

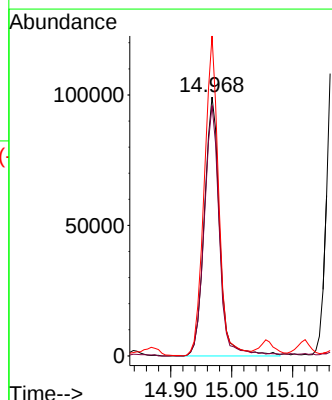
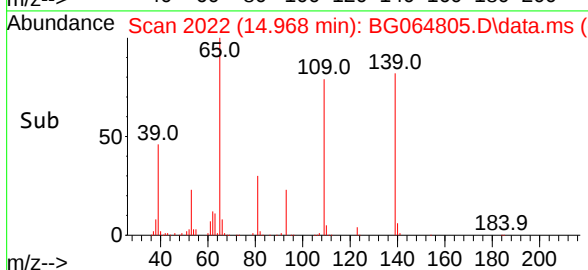
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

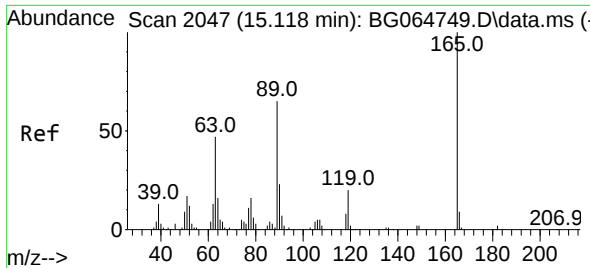


#56
4-Nitrophenol
Concen: 93.348 ng
RT: 14.968 min Scan# 2022
Delta R.T. 0.008 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



Tgt Ion:139 Resp: 173189
Ion Ratio Lower Upper
139 100
109 96.8 79.7 119.7
65 123.6 89.9 129.9





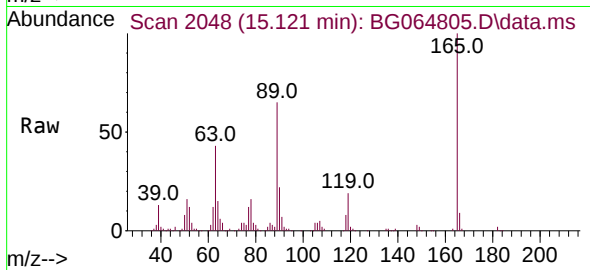
#57
2,4-Dinitrotoluene
Concen: 46.373 ng
RT: 15.121 min Scan# 2047
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MS

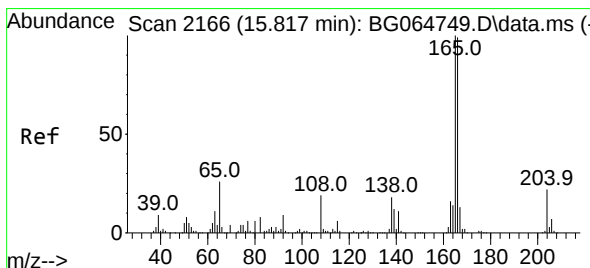
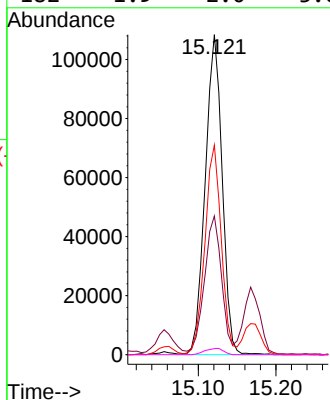
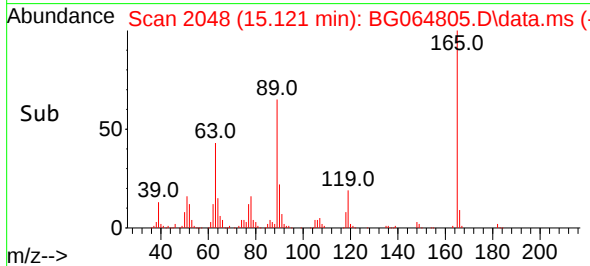


Tgt Ion:165 Resp: 164718
Ion Ratio Lower Upper
165 100
63 43.3 37.8 56.6
89 65.5 51.6 77.4
182 1.9 2.0 3.0#

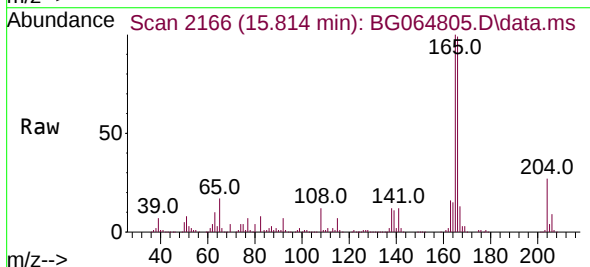
Manual Integrations

APPROVED

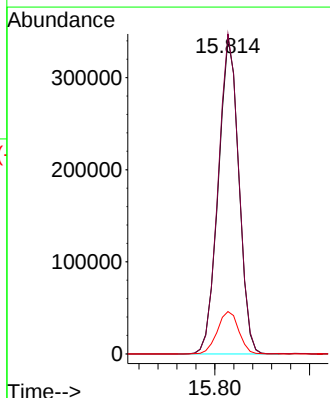
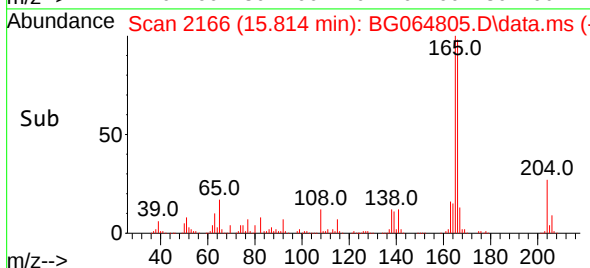
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

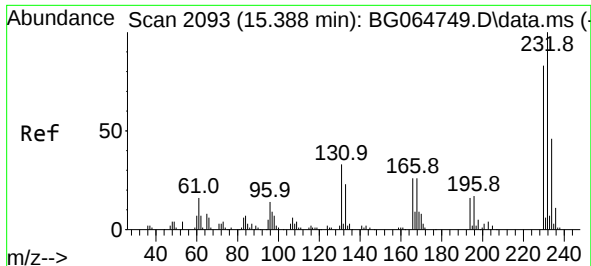


#58
Fluorene
Concen: 43.926 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



Tgt Ion:166 Resp: 514570
Ion Ratio Lower Upper
166 100
165 101.3 80.5 120.7
167 13.4 10.3 15.5





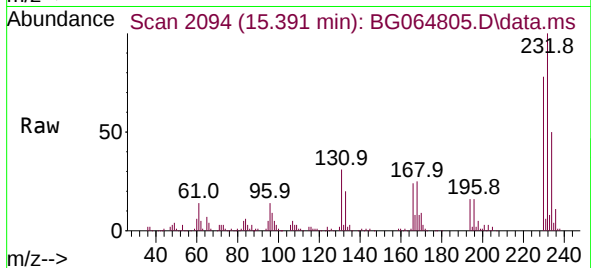
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.728 ng
RT: 15.391 min Scan# 2094
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MS

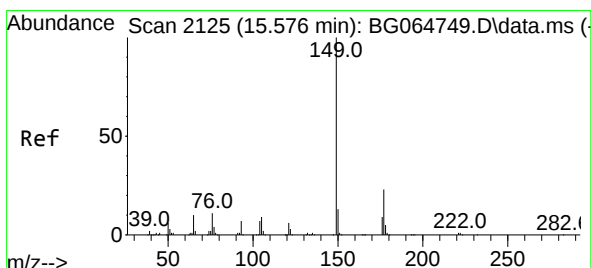
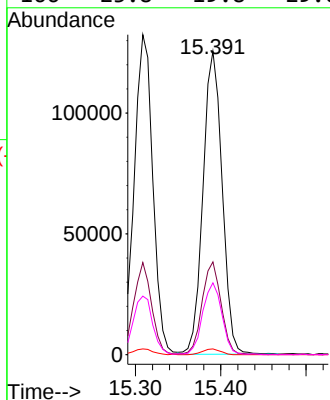
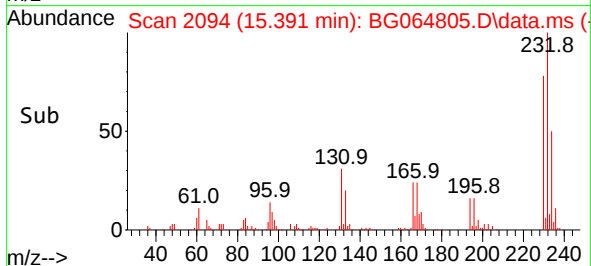


Tgt Ion:232 Resp: 195914
Ion Ratio Lower Upper
232 100
131 30.4 26.0 39.0
130 1.7 1.6 2.4
166 23.8 19.8 29.6

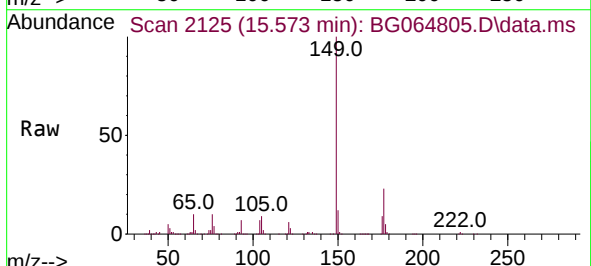
Manual Integrations

APPROVED

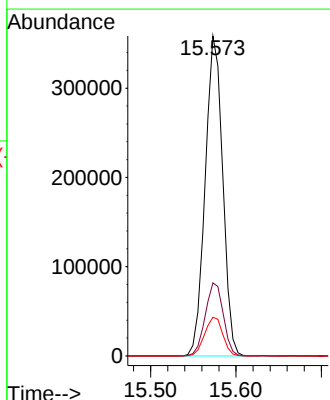
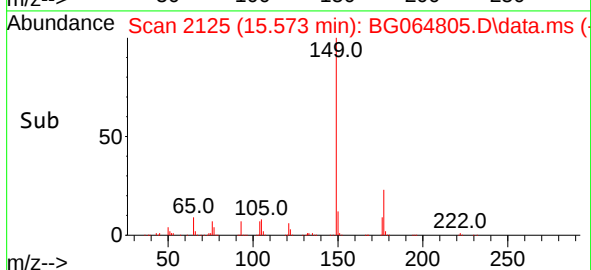
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

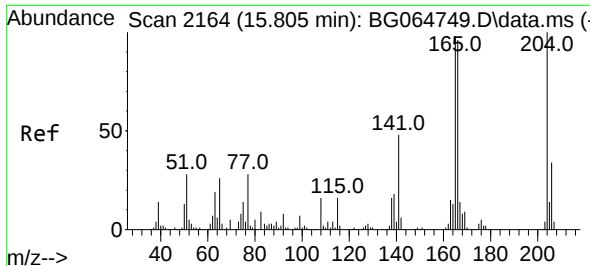


#60
Diethylphthalate
Concen: 43.332 ng
RT: 15.573 min Scan# 2125
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



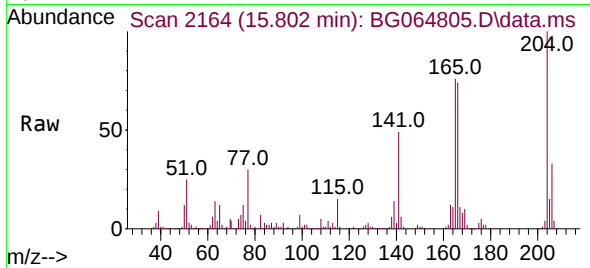
Tgt Ion:149 Resp: 511099
Ion Ratio Lower Upper
149 100
177 22.8 18.4 27.6
150 12.1 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.789 ng
RT: 15.802 min Scan# 2164
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

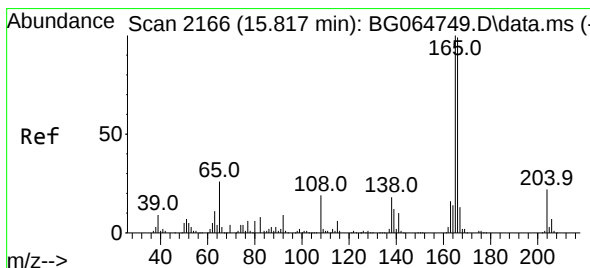
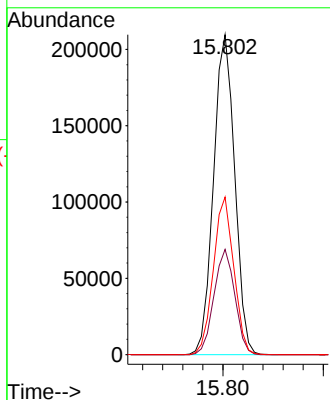
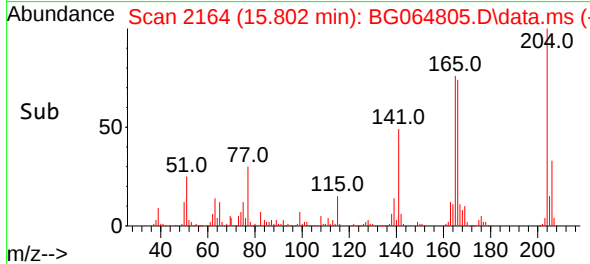
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



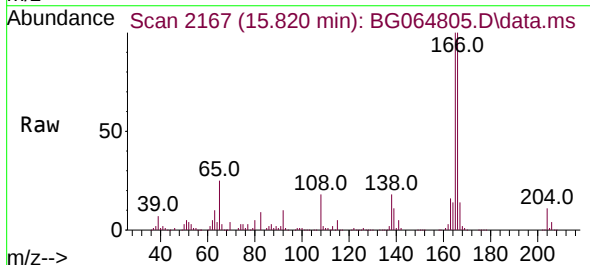
Tgt Ion:204 Resp: 307850
Ion Ratio Lower Upper
204 100
206 32.9 26.9 40.3
141 49.2 38.1 57.1

Manual Integrations
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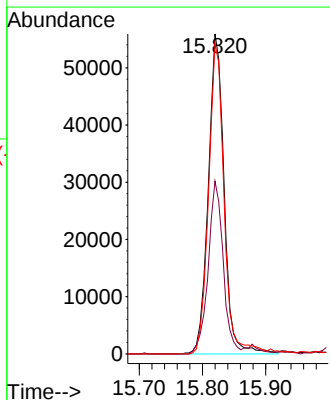
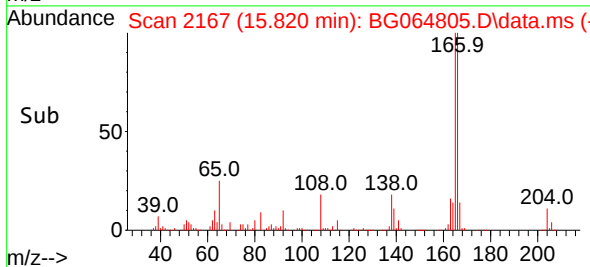
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

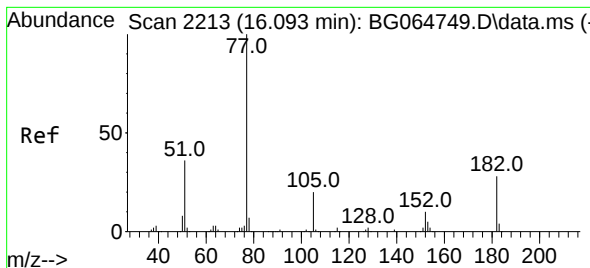


#62
4-Nitroaniline
Concen: 40.116 ng
RT: 15.820 min Scan# 2167
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



Tgt Ion:138 Resp: 97181
Ion Ratio Lower Upper
138 100
92 54.0 30.7 70.7
108 97.0 85.7 125.7





#63

Azobenzene

Concen: 50.467 ng

RT: 16.096 min Scan# 2214

Delta R.T. 0.003 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MS

Tgt Ion: 77 Resp: 495116

Ion Ratio Lower Upper

77 100

182 30.8 8.1 48.1

105 22.9 0.1 40.1

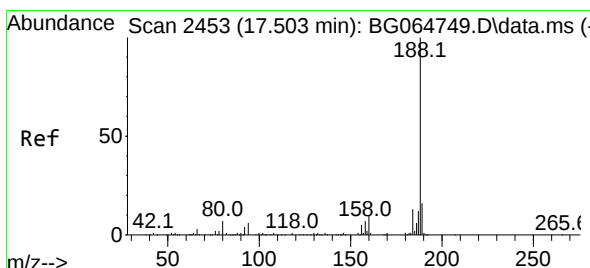
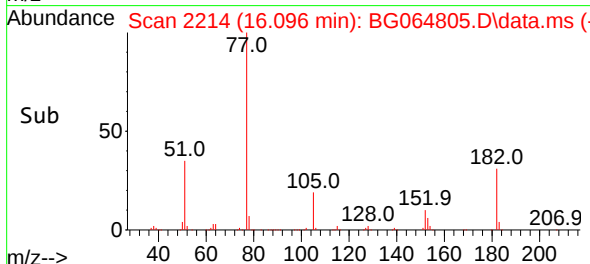
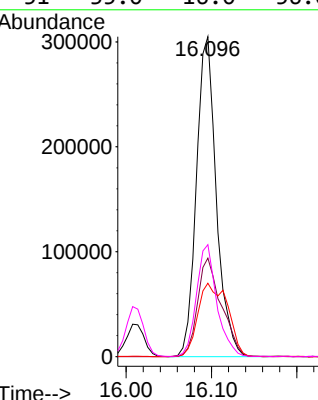
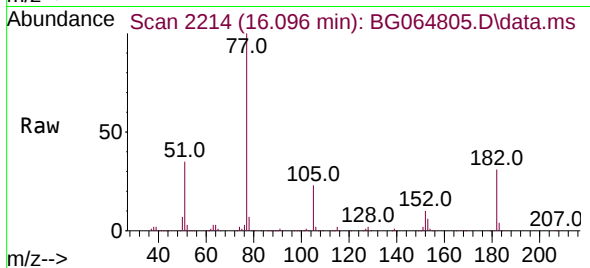
51 35.0 16.0 56.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.506 min Scan# 2454

Delta R.T. 0.003 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

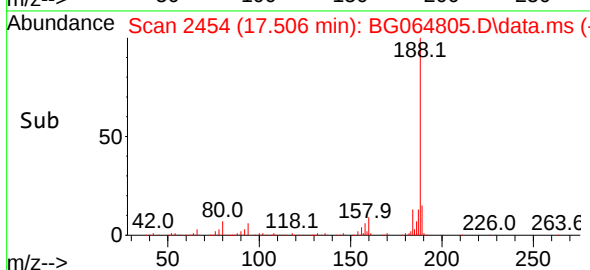
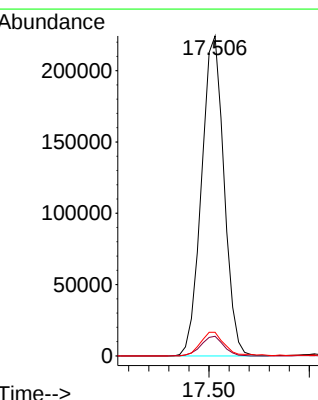
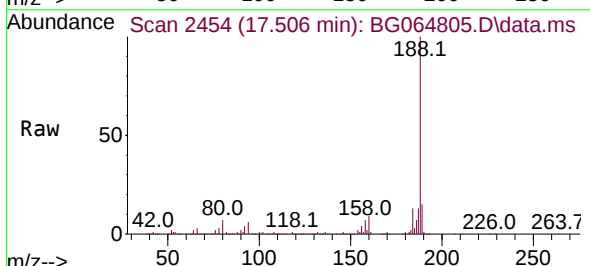
Tgt Ion:188 Resp: 348676

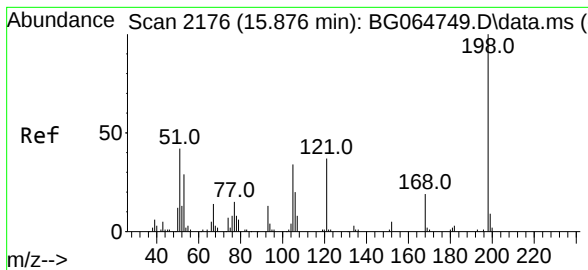
Ion Ratio Lower Upper

188 100

94 6.1 4.7 7.1

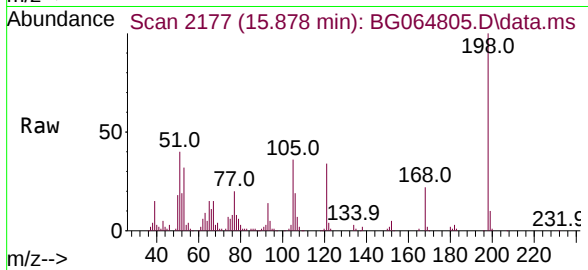
80 7.4 5.4 8.2





#65
4,6-Dinitro-2-methylphenol
Concen: 45.688 ng
RT: 15.878 min Scan# 2176
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

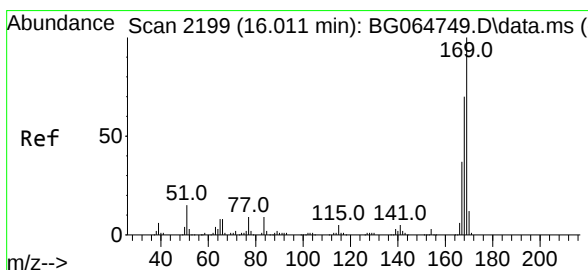
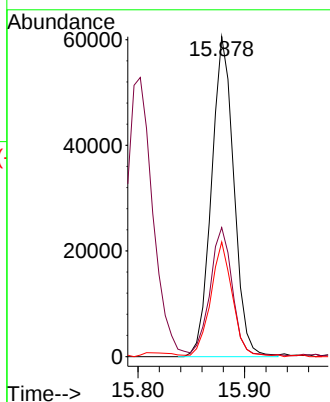
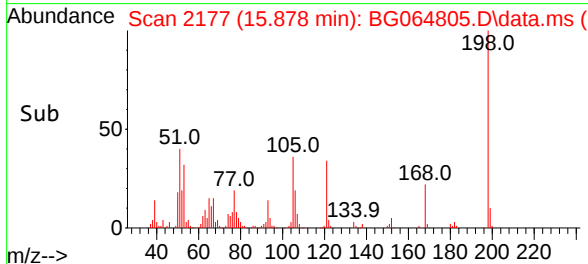
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



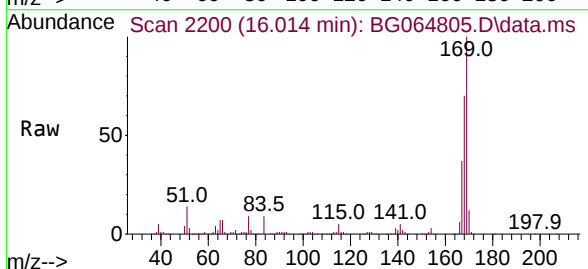
Tgt Ion:198 Resp: 88449
Ion Ratio Lower Upper
198 100
51 40.3 25.2 65.2
105 35.8 14.2 54.2

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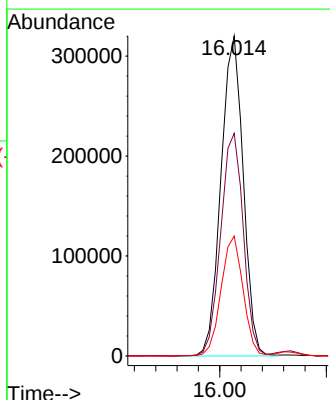
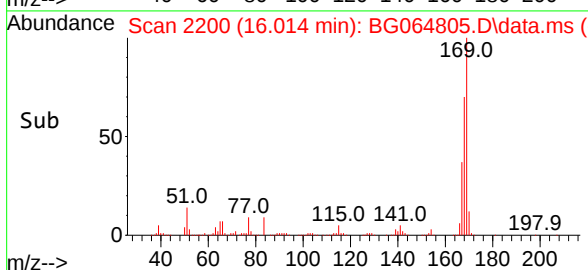
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

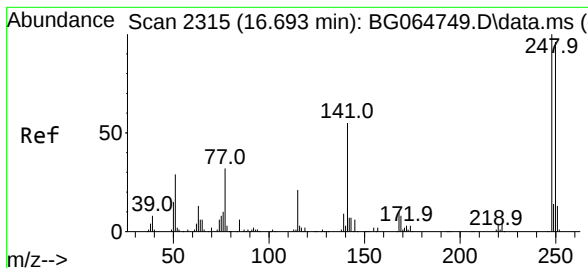


#66
n-Nitrosodiphenylamine
Concen: 50.797 ng
RT: 16.014 min Scan# 2200
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



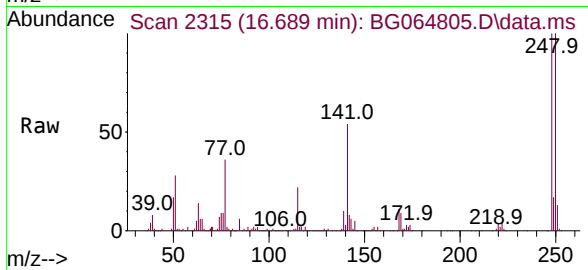
Tgt Ion:169 Resp: 463930
Ion Ratio Lower Upper
169 100
168 69.5 55.9 83.9
167 37.4 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 49.466 ng
RT: 16.689 min Scan# 2315
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

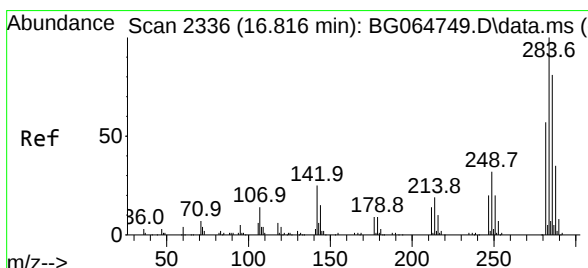
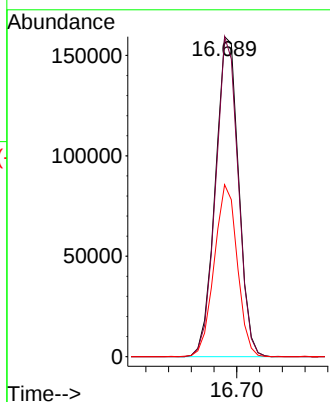
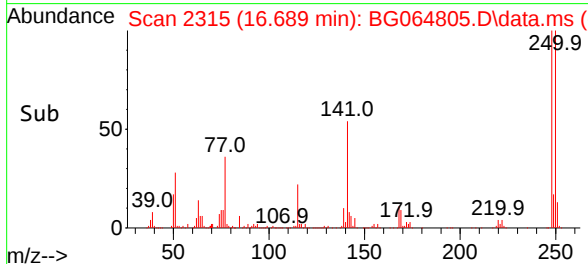
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



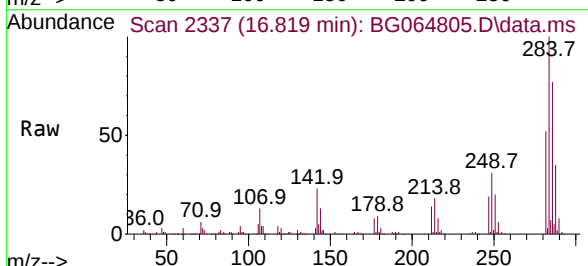
Tgt Ion:248 Resp: 226501
Ion Ratio Lower Upper
248 100
250 100.0 77.0 115.6
141 53.8 43.7 65.5

Manual Integrations
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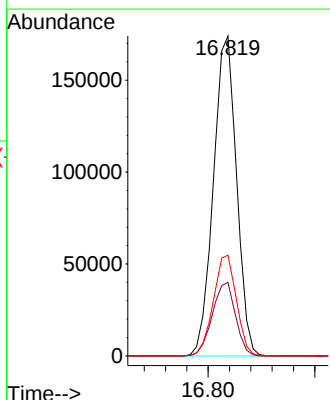
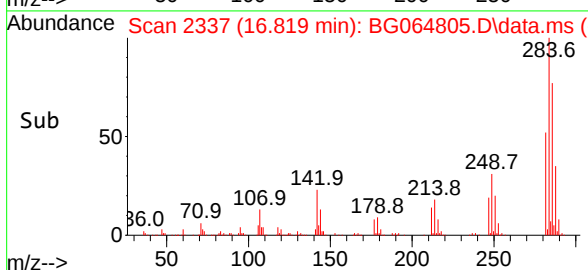
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

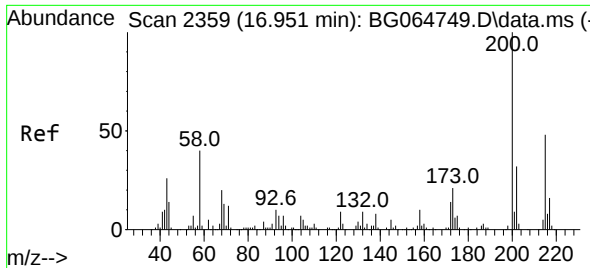


#68
Hexachlorobenzene
Concen: 47.369 ng
RT: 16.819 min Scan# 2337
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



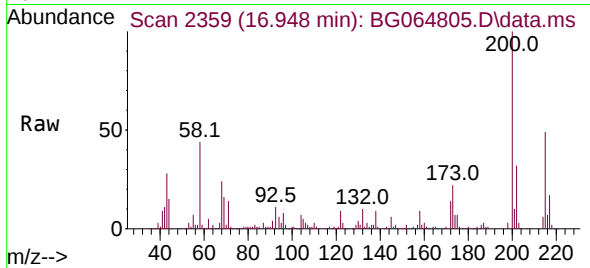
Tgt Ion:284 Resp: 262785
Ion Ratio Lower Upper
284 100
142 23.0 19.7 29.5
249 33.9 28.1 42.1





#69
 Atrazine
 Concen: 45.686 ng
 RT: 16.948 min Scan# 2359
 Delta R.T. -0.003 min
 Lab File: BG064805.D
 Acq: 18 Nov 2025 16:21

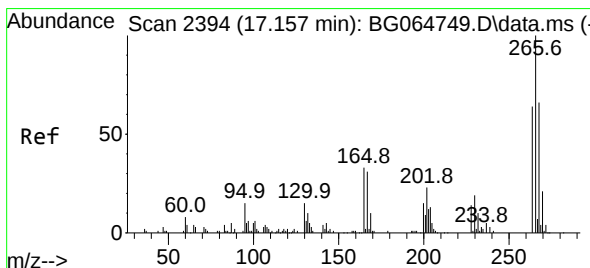
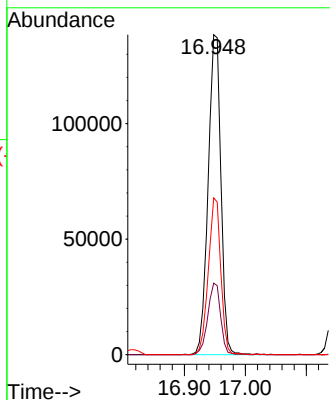
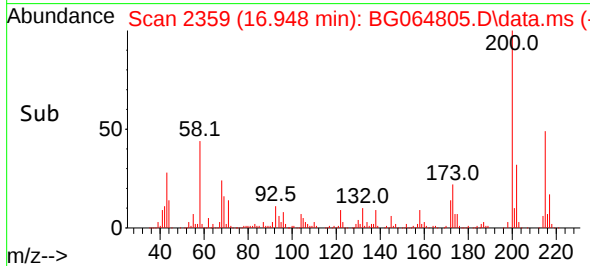
Instrument :
 BNA_G
 ClientSampleId :
 NB-07-111725MS



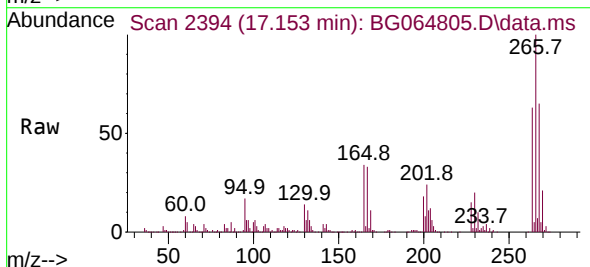
Tgt Ion:200 Resp: 201168
 Ion Ratio Lower Upper
 200 100
 173 22.3 0.9 40.9
 215 49.0 27.5 67.5

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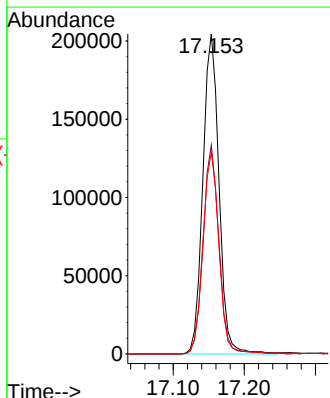
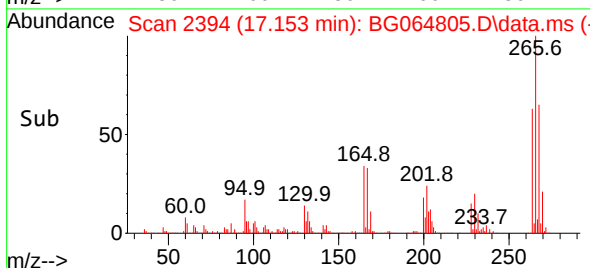
Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025

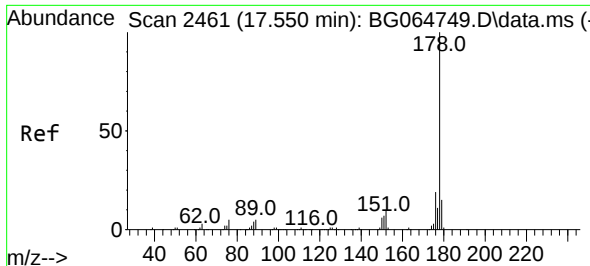


#70
 Pentachlorophenol
 Concen: 96.485 ng
 RT: 17.153 min Scan# 2394
 Delta R.T. -0.004 min
 Lab File: BG064805.D
 Acq: 18 Nov 2025 16:21



Tgt Ion:266 Resp: 321249
 Ion Ratio Lower Upper
 266 100
 268 70.1 56.1 84.1
 264 63.1 51.2 76.8





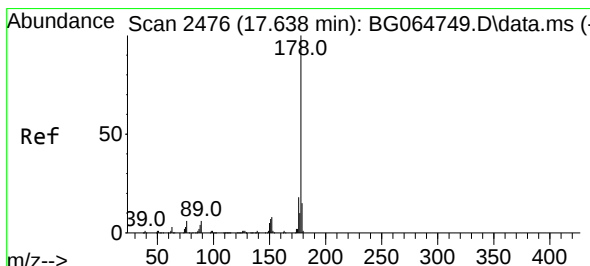
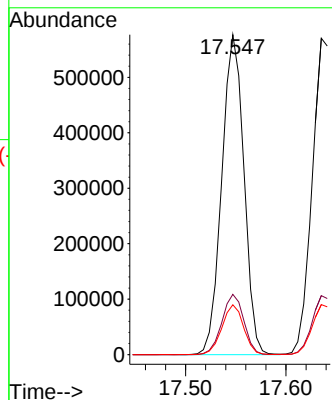
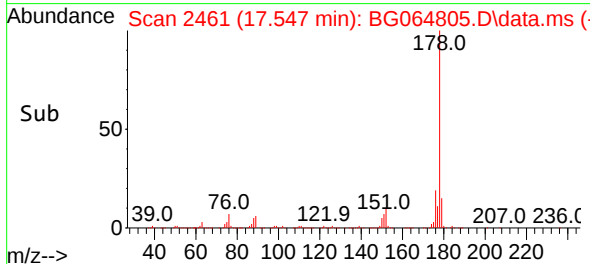
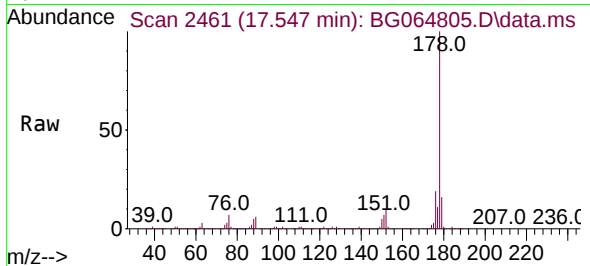
#71
Phenanthrene
Concen: 46.477 ng
RT: 17.547 min Scan# 2461
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS

Tgt Ion:178 Resp: 886662
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.6 12.2 18.4

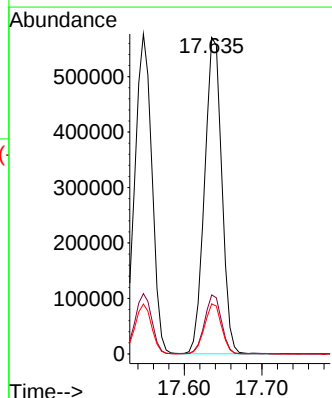
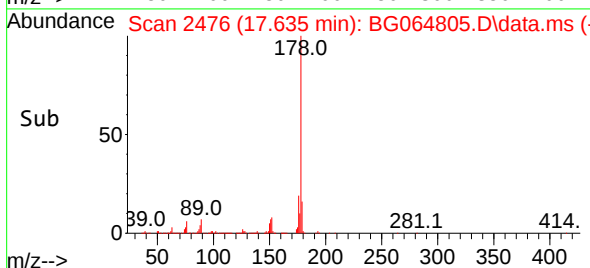
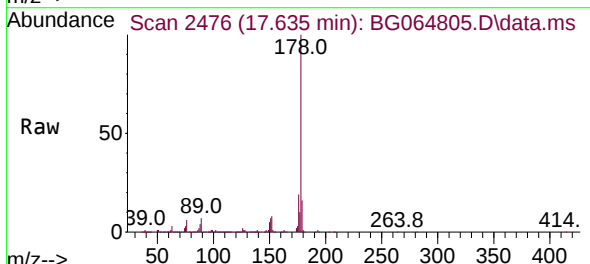
Manual Integrations
APPROVED

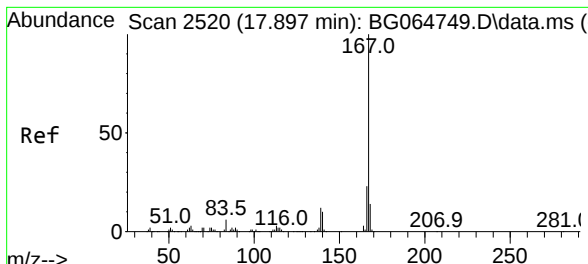
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#72
Anthracene
Concen: 45.096 ng
RT: 17.635 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:178 Resp: 877242
Ion Ratio Lower Upper
178 100
176 18.6 14.5 21.7
179 15.8 12.2 18.4





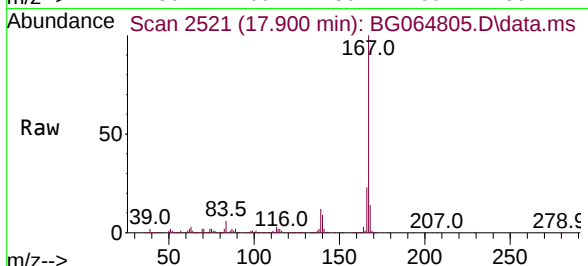
#73
 Carbazole
 Concen: 43.355 ng
 RT: 17.900 min Scan# 2521
 Delta R.T. 0.003 min
 Lab File: BG064805.D
 Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MS

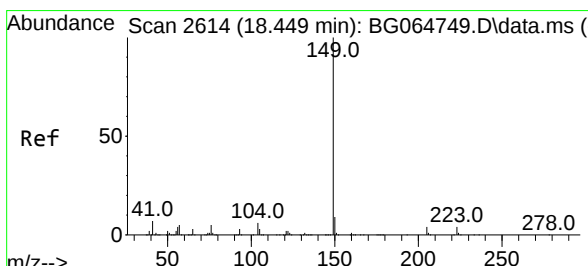
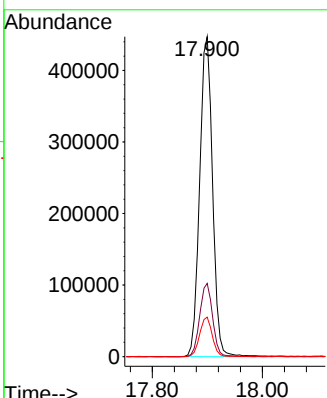
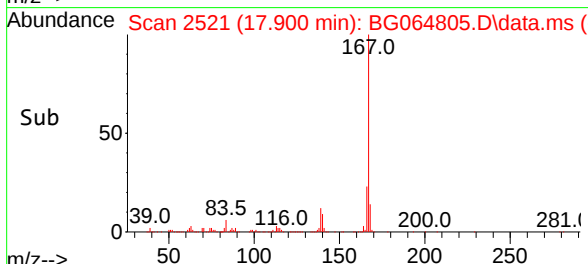


Tgt Ion:167 Resp: 725006
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.0 27.0
 139 12.3 9.7 14.5

Manual Integrations

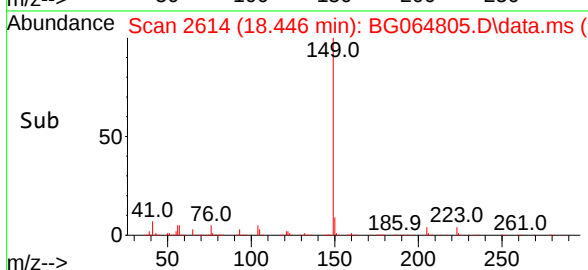
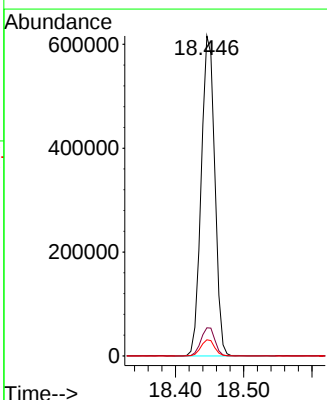
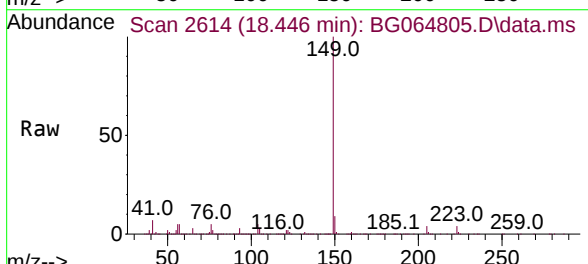
APPROVED

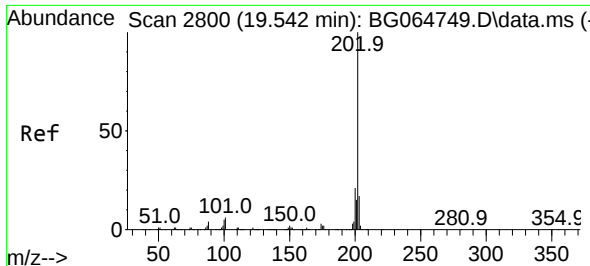
Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025



#74
 Di-n-butylphthalate
 Concen: 45.607 ng
 RT: 18.446 min Scan# 2614
 Delta R.T. -0.003 min
 Lab File: BG064805.D
 Acq: 18 Nov 2025 16:21

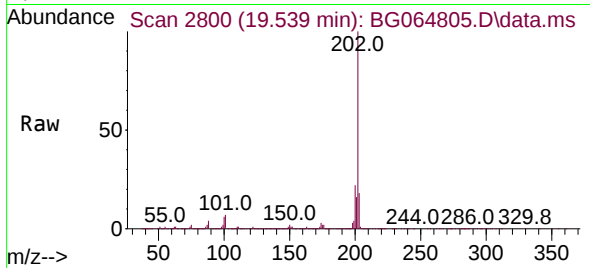
Tgt Ion:149 Resp: 850883
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.5 11.3
 104 5.0 4.4 6.6





#75
Fluoranthene
Concen: 39.479 ng
RT: 19.539 min Scan# 2800
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

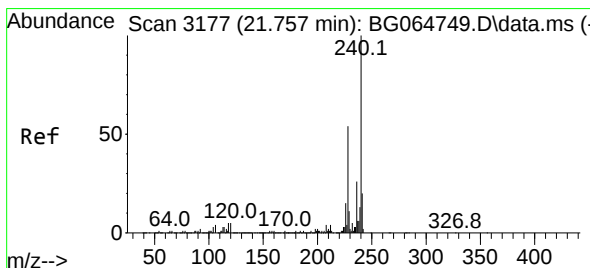
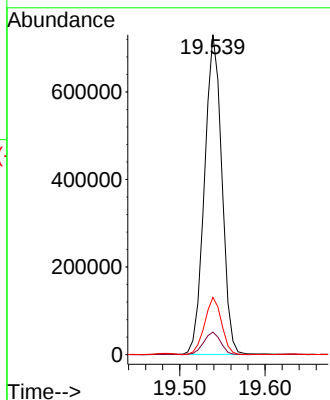
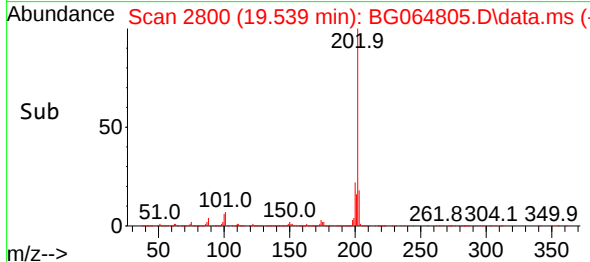
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



Tgt Ion:202 Resp: 1029901
Ion Ratio Lower Upper
202 100
101 7.0 0.0 26.4
203 17.9 0.0 37.5

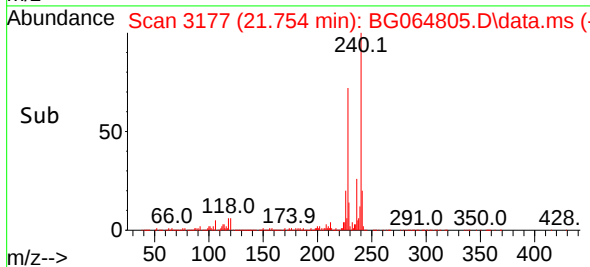
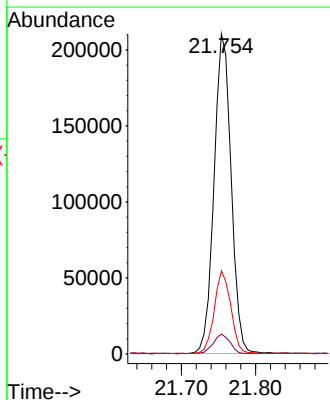
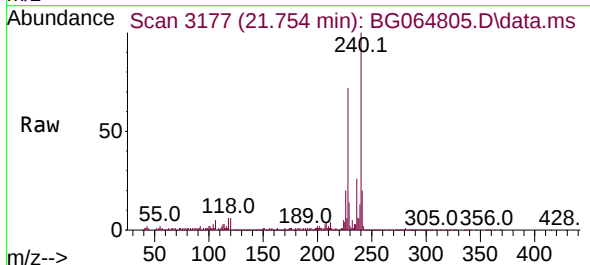
Manual Integrations
APPROVED

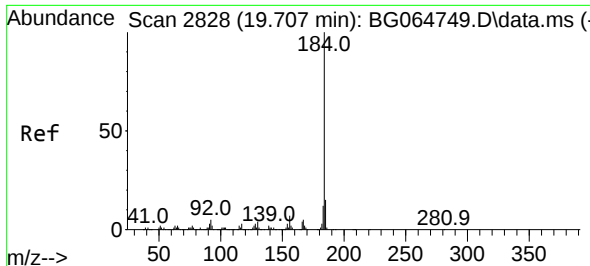
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.754 min Scan# 3177
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

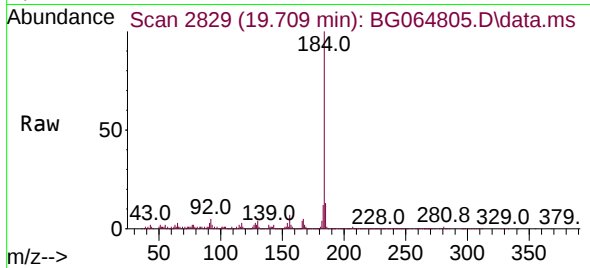
Tgt Ion:240 Resp: 336753
Ion Ratio Lower Upper
240 100
120 6.2 4.2 6.4
236 26.0 20.8 31.2





#77
Benzidine
Concen: 22.761 ng
RT: 19.709 min Scan# 2828
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

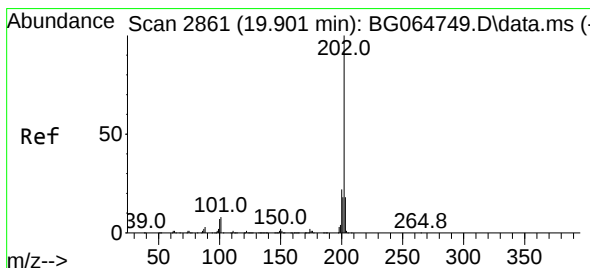
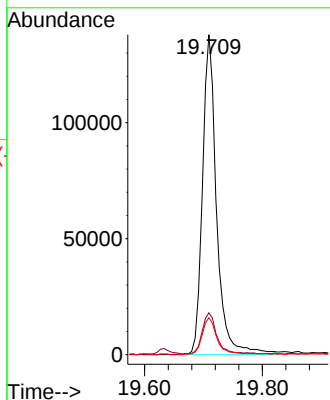
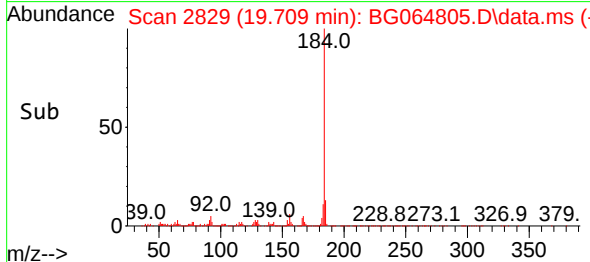
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



Tgt Ion:184 Resp: 229554
Ion Ratio Lower Upper
184 100
185 13.1 11.8 17.6
183 11.5 9.8 14.6

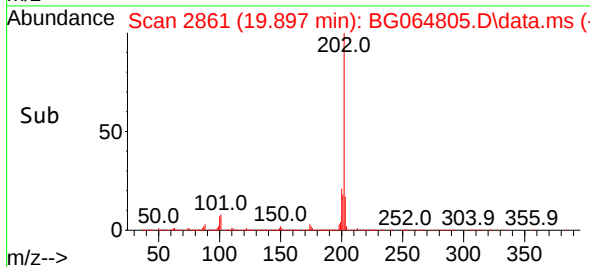
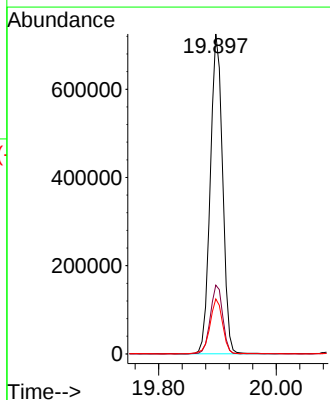
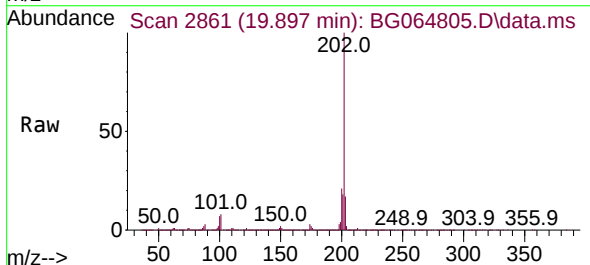
Manual Integrations
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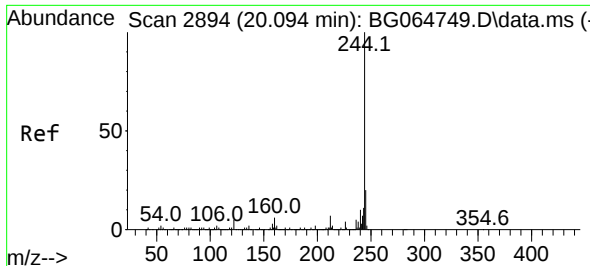
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#78
Pyrene
Concen: 55.724 ng
RT: 19.897 min Scan# 2861
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:202 Resp: 1051714
Ion Ratio Lower Upper
202 100
200 21.5 17.9 26.9
203 17.2 14.0 21.0





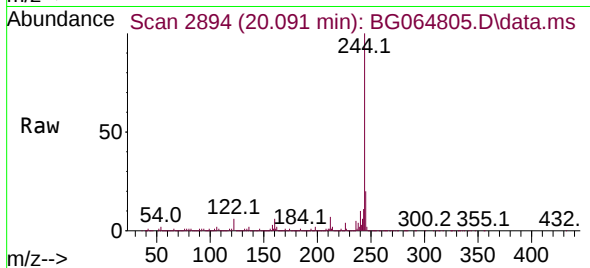
#79
 Terphenyl-d14
 Concen: 73.373 ng
 RT: 20.091 min Scan# 2894
 Delta R.T. -0.003 min
 Lab File: BG064805.D
 Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MS

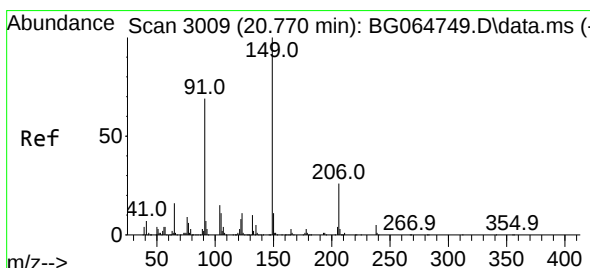
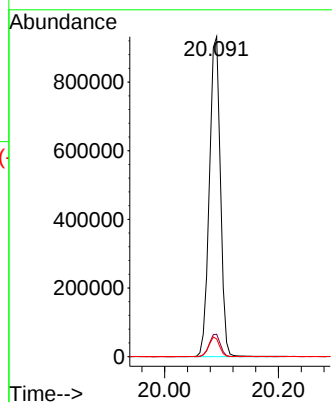
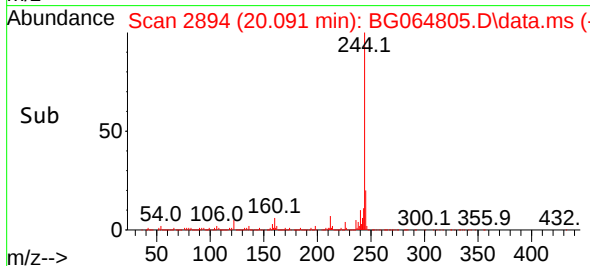


Tgt Ion:244 Resp: 125610
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 5.5 4.3 6.5

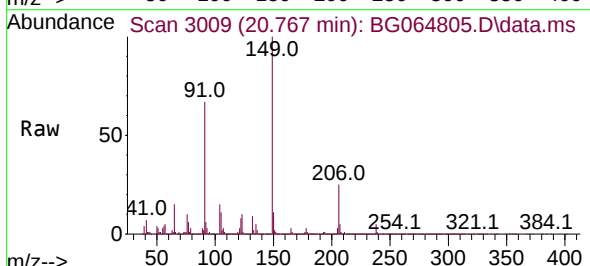
Manual Integrations

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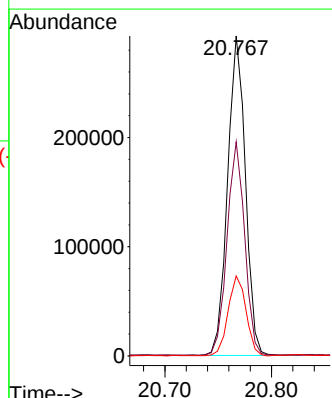
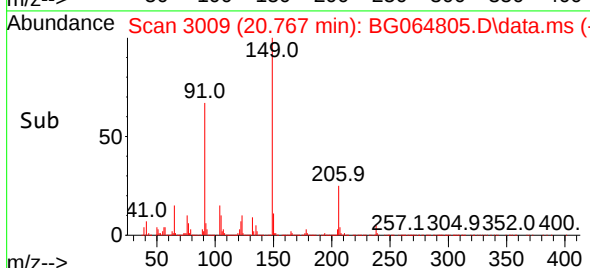
Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025

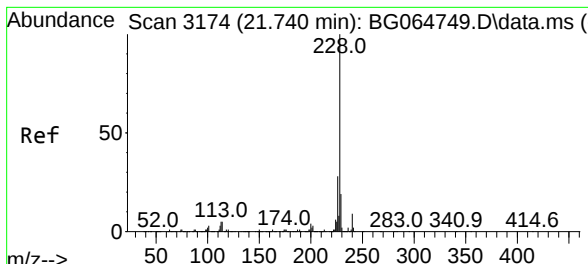


#80
 Butylbenzylphthalate
 Concen: 51.293 ng
 RT: 20.767 min Scan# 3009
 Delta R.T. -0.003 min
 Lab File: BG064805.D
 Acq: 18 Nov 2025 16:21



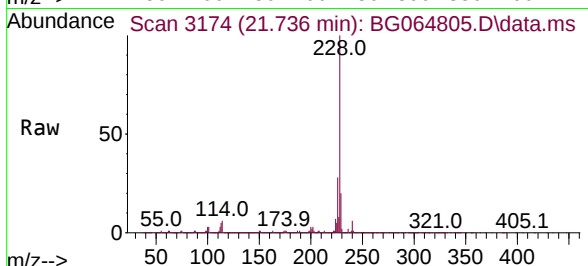
Tgt Ion:149 Resp: 340509
 Ion Ratio Lower Upper
 149 100
 91 66.9 54.9 82.3
 206 25.0 21.2 31.8





#81
 Benzo(a)anthracene
 Concen: 46.539 ng
 RT: 21.736 min Scan# 3174
 Delta R.T. -0.003 min
 Lab File: BG064805.D
 Acq: 18 Nov 2025 16:21

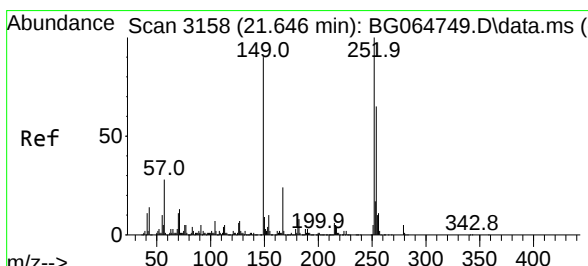
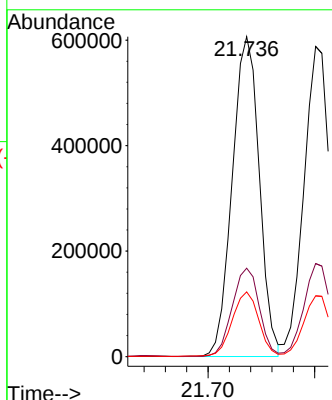
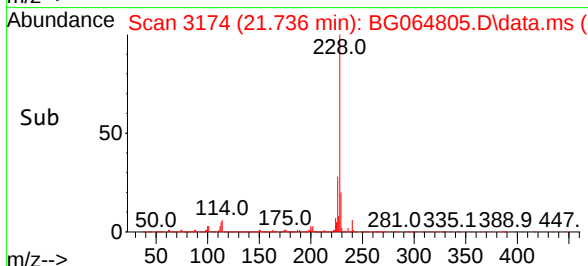
Instrument : BNA_G
 ClientSampleId : NB-07-111725MS



Tgt Ion:228 Resp: 1065650
 Ion Ratio Lower Upper
 228 100
 226 27.6 22.1 33.1
 229 20.2 15.5 23.3

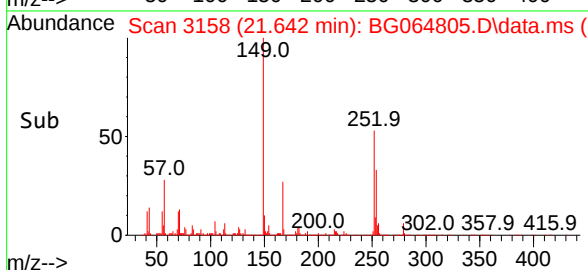
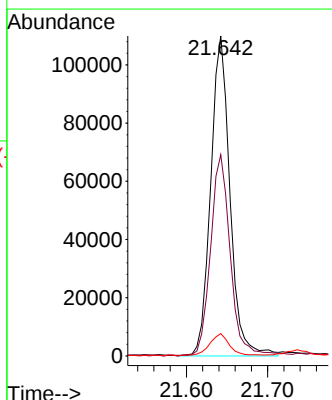
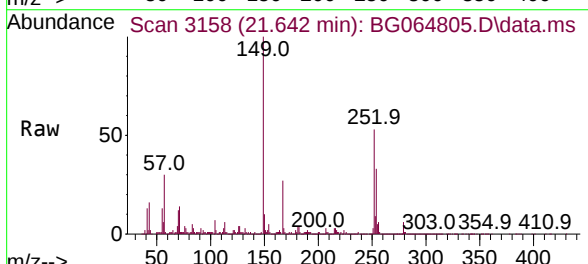
Manual Integrations
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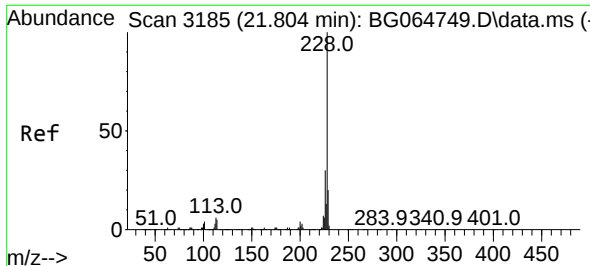
Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025



#82
 3,3'-Dichlorobenzidine
 Concen: 21.508 ng
 RT: 21.642 min Scan# 3158
 Delta R.T. -0.003 min
 Lab File: BG064805.D
 Acq: 18 Nov 2025 16:21

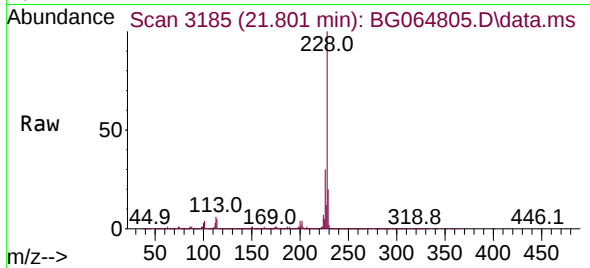
Tgt Ion:252 Resp: 181271
 Ion Ratio Lower Upper
 252 100
 254 62.9 51.8 77.8
 126 7.0 4.7 7.1





#83
Chrysene
Concen: 46.628 ng
RT: 21.801 min Scan# 3185
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

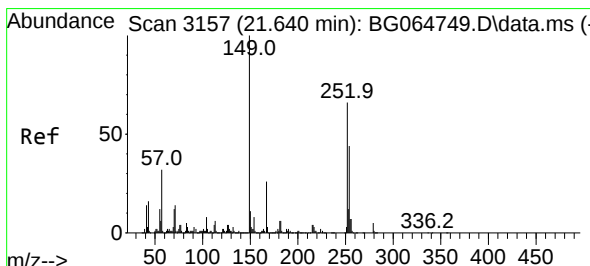
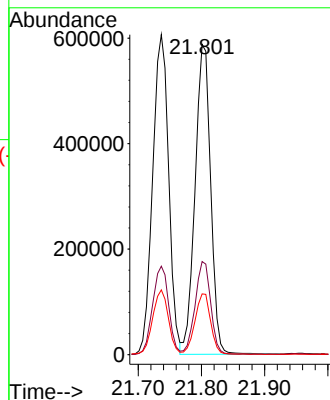
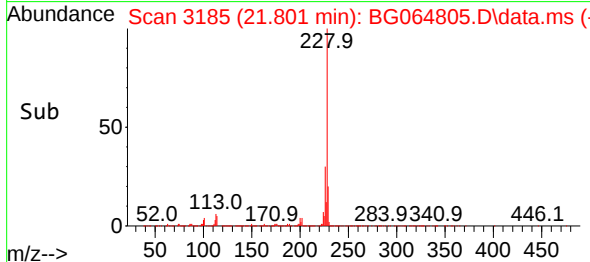
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



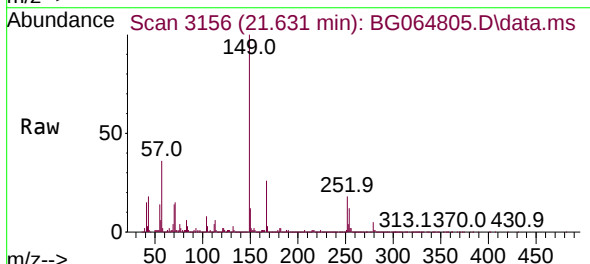
Tgt Ion:228 Resp: 1006580
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.2
229 19.6 16.0 24.0

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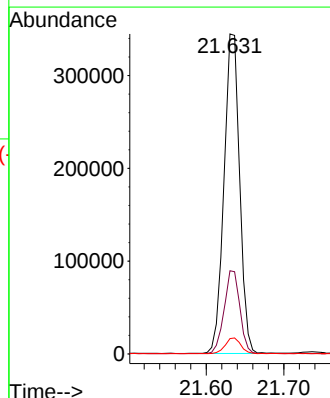
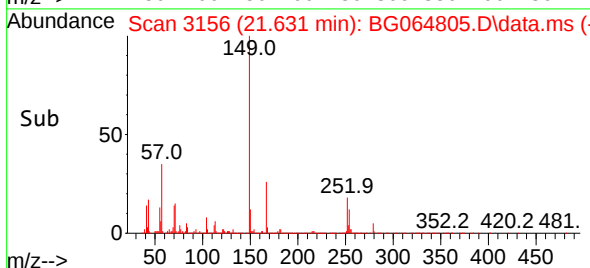
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

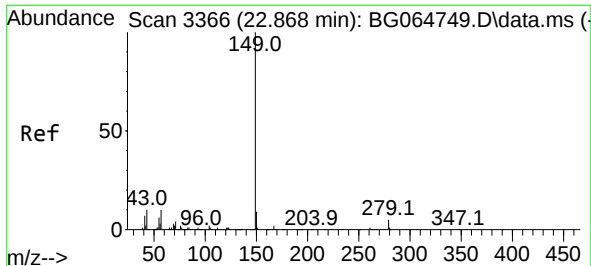


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.887 ng
RT: 21.631 min Scan# 3156
Delta R.T. -0.009 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



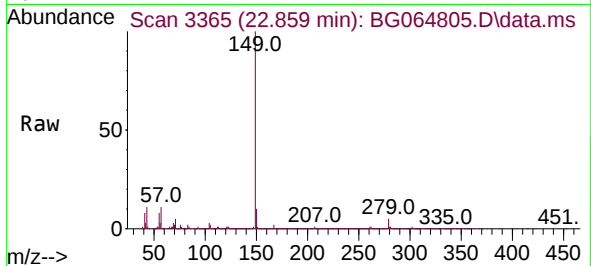
Tgt Ion:149 Resp: 483937
Ion Ratio Lower Upper
149 100
167 26.0 21.0 31.4
279 4.8 4.1 6.1





#85
Di-n-octyl phthalate
Concen: 47.433 ng
RT: 22.859 min Scan# 3366
Delta R.T. -0.009 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

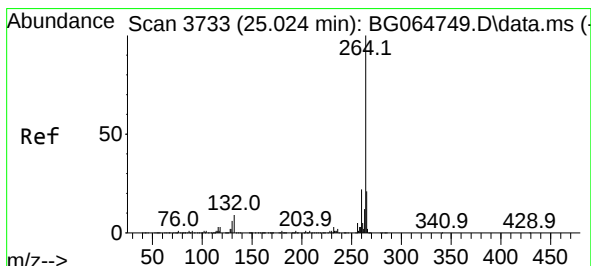
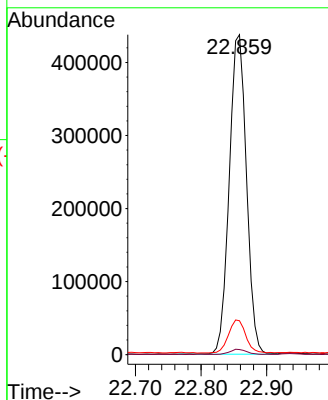
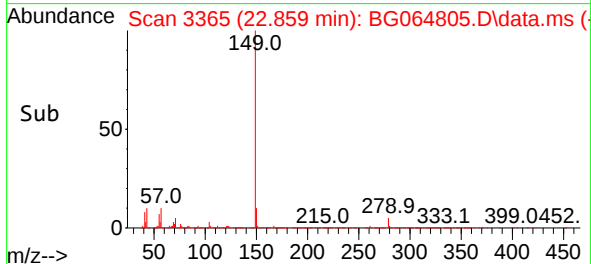
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



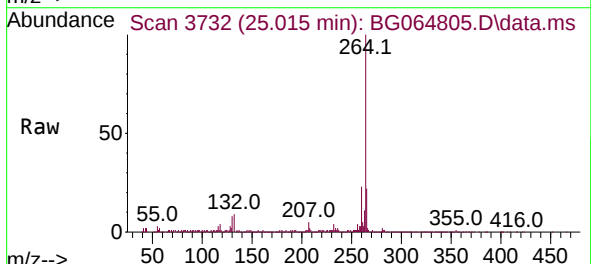
Tgt Ion:149 Resp: 795379
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.3 8.3 12.5

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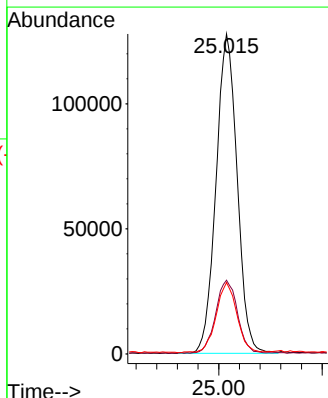
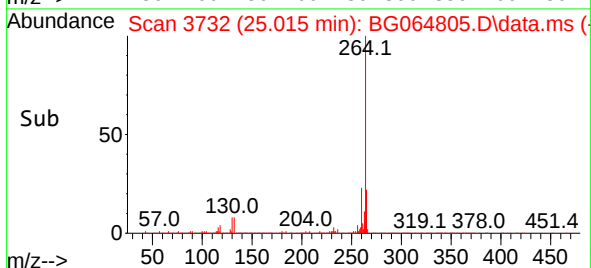
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

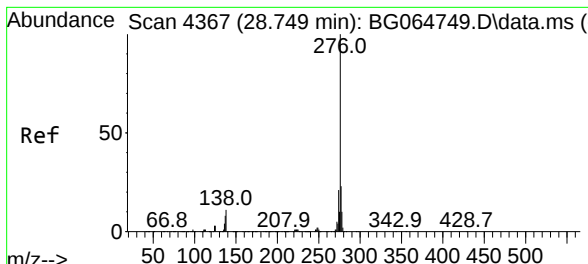


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.015 min Scan# 3732
Delta R.T. -0.009 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



Tgt Ion:264 Resp: 363160
Ion Ratio Lower Upper
264 100
260 23.1 17.2 25.8
265 22.3 16.6 25.0





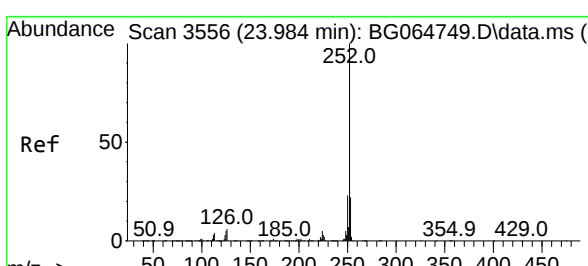
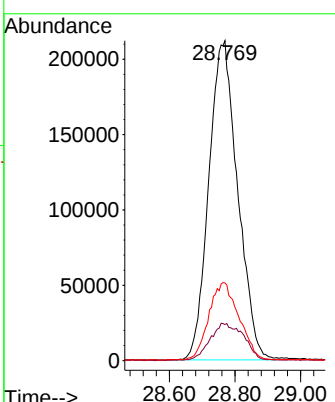
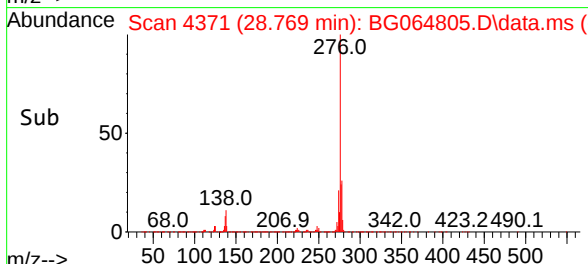
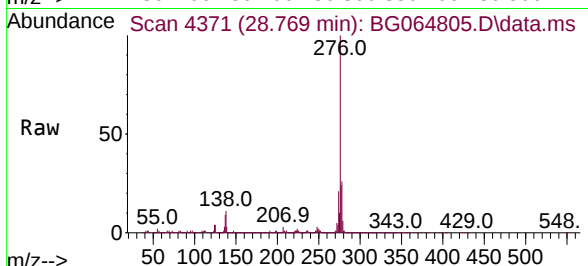
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.854 ng
 RT: 28.769 min Scan# 4367
 Delta R.T. 0.020 min
 Lab File: BG064805.D
 Acq: 18 Nov 2025 16:21

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-111725MS

Tgt Ion: 276 Resp: 129377

Ion	Ratio	Lower	Upper
276	100		
138	13.3	4.5	6.7
277	25.1	20.0	30.0

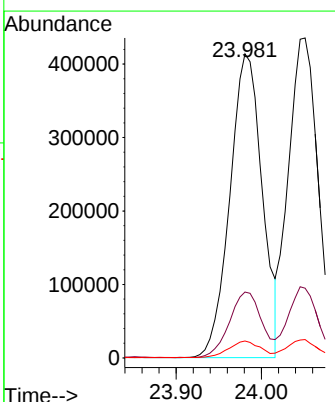
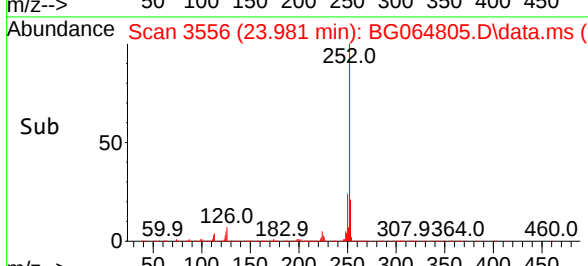
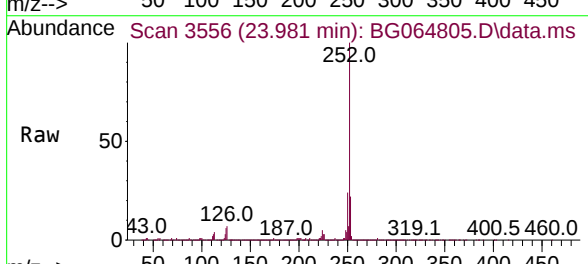
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 Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025

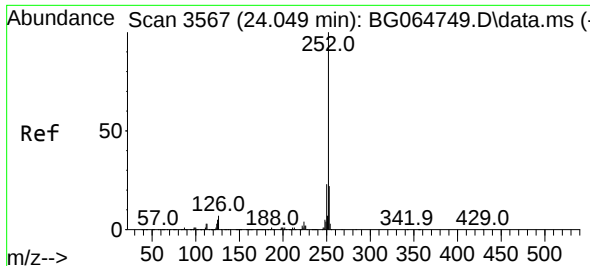


#88
 Benzo(b)fluoranthene
 Concen: 47.147 ng
 RT: 23.981 min Scan# 3556
 Delta R.T. -0.003 min
 Lab File: BG064805.D
 Acq: 18 Nov 2025 16:21

Tgt Ion: 252 Resp: 1089616

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	5.6	4.2	6.2





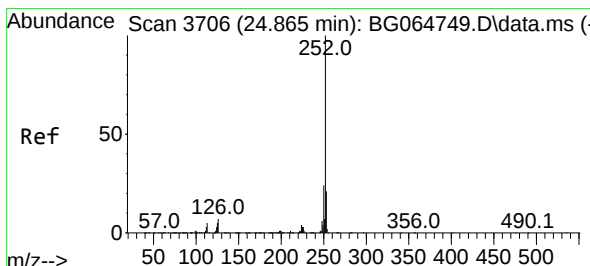
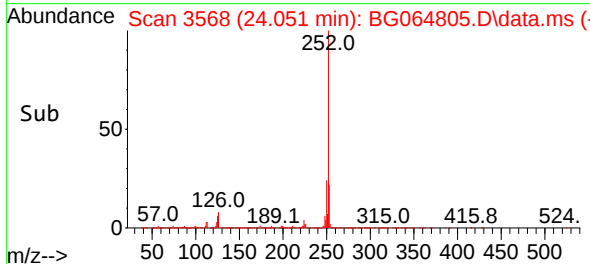
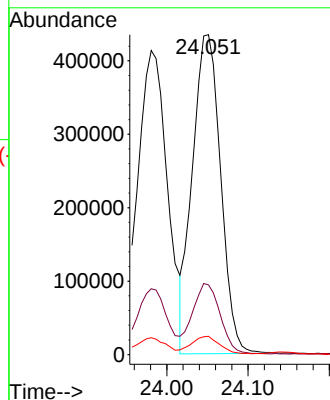
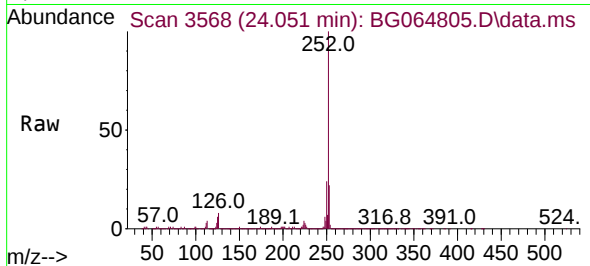
#89
Benzo(k)fluoranthene
Concen: 45.198 ng
RT: 24.051 min Scan# 3568
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS

Tgt Ion:252 Resp: 1049422
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 5.7 4.1 6.1

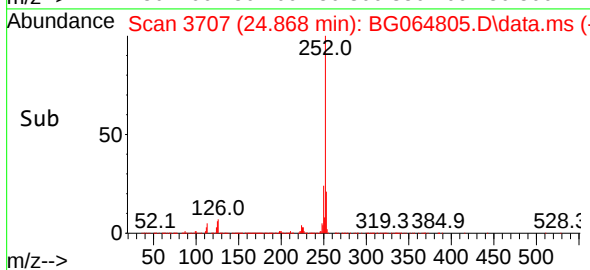
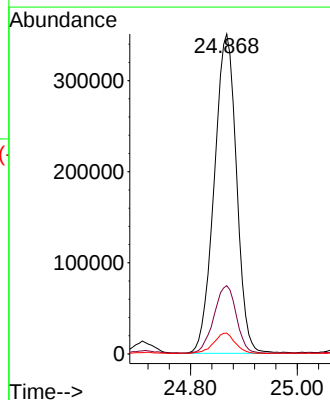
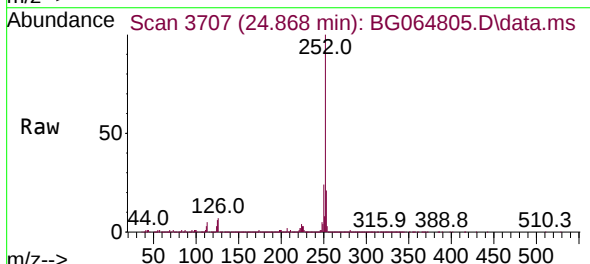
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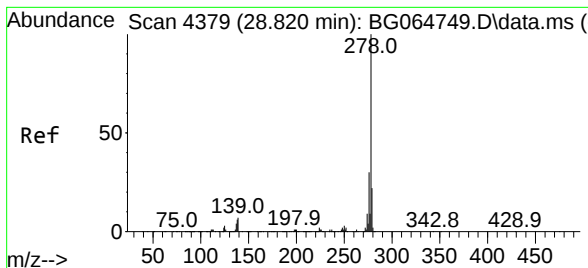
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#90
Benzo(a)pyrene
Concen: 47.412 ng
RT: 24.868 min Scan# 3707
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:252 Resp: 1016437
Ion Ratio Lower Upper
252 100
253 21.3 16.9 25.3
125 6.5 4.2 6.4#





#91

Dibenzo(a,h)anthracene

Concen: 51.208 ng

RT: 28.822 min Scan# 4379

Delta R.T. 0.003 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MS

Tgt Ion:278 Resp: 1046674

Ion Ratio Lower Upper

278 100

139 8.1 5.8 8.8

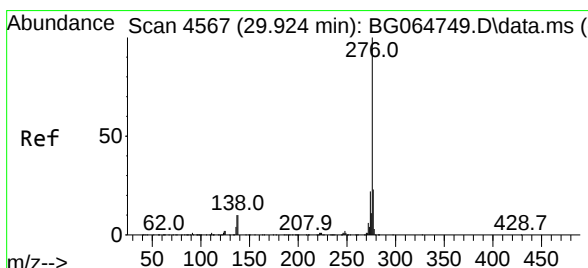
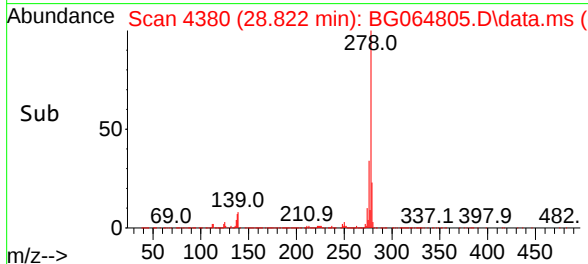
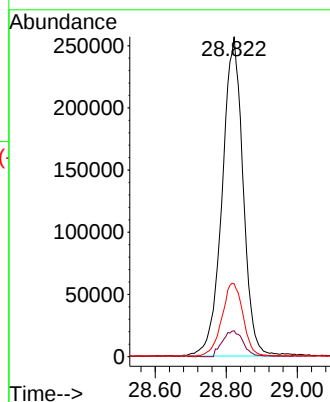
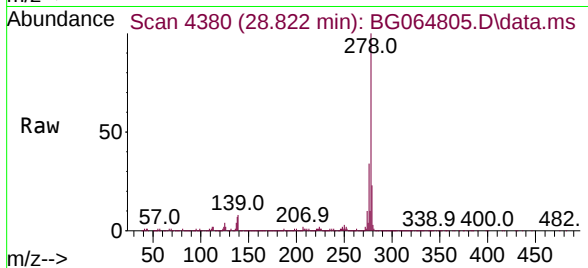
279 22.8 17.3 25.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#92

Benzo(g,h,i)perylene

Concen: 53.307 ng

RT: 29.927 min Scan# 4568

Delta R.T. 0.003 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

Tgt Ion:276 Resp: 1048620

Ion Ratio Lower Upper

276 100

277 23.1 18.0 27.0

138 11.1 8.2 12.2

