

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111725\
 Data File : BG064790.D
 Acq On : 17 Nov 2025 18:45
 Operator : RC/JU
 Sample : Q3628-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/18/2025

Supervised By :Sohil Jodhani 11/18/2025

Quant Time: Nov 18 00:22:21 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	39983	20.000	ng	0.00
21) Naphthalene-d8	10.984	136	147925	20.000	ng	# 0.00
39) Acenaphthene-d10	14.774	164	116787	20.000	ng	0.00
64) Phenanthrene-d10	17.506	188	291949	20.000	ng	0.00
76) Chrysene-d12	21.754	240	385333	20.000	ng	0.00
86) Perylene-d12	25.015	264	381268	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.708	112	293100	128.008	ng	0.00
7) Phenol-d6	7.312	99	354492	116.403	ng	0.00
23) Nitrobenzene-d5	9.327	82	272272	91.005	ng	0.00
42) 2,4,6-Tribromophenol	16.248	330	319652	140.339	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	733025	87.580	ng	0.00
79) Terphenyl-d14	20.091	244	1687498	86.145	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.540	88	30016	33.862	ng	# 60
3) Pyridine	3.957	79	81994	31.045	ng	95
4) n-Nitrosodimethylamine	3.851	42	48888	36.368	ng	# 82
6) Aniline	7.476	93	47372	11.670	ng	98
8) 2-Chlorophenol	7.723	128	104046	41.384	ng	99
9) Benzaldehyde	7.288	77	60336	30.266	ng	95
10) Phenol	7.341	94	124773	37.656	ng	96
11) bis(2-Chloroethyl)ether	7.570	93	94693	40.161	ng	93
12) 1,3-Dichlorobenzene	8.058	146	111261	38.459	ng	94
13) 1,4-Dichlorobenzene	8.199	146	116775	39.641	ng	100
14) 1,2-Dichlorobenzene	8.522	146	112517	39.392	ng	96
15) Benzyl Alcohol	8.399	79	105111	42.049	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.687	45	205778	36.871	ng	96
17) 2-Methylphenol	8.599	107	96403	41.118	ng	95
18) Hexachloroethane	9.263	117	41117	36.852	ng	87
19) n-Nitroso-di-n-propyla...	8.969	70	84803	41.184	ng	90
20) 3+4-Methylphenols	8.928	107	131261	40.867	ng	95
22) Acetophenone	8.986	105	175225	43.479	ng	98
24) Nitrobenzene	9.368	77	129524	42.846	ng	96
25) Isophorone	9.891	82	245598	43.107	ng	97
26) 2-Nitrophenol	10.085	139	62365	45.866	ng	97
27) 2,4-Dimethylphenol	10.138	122	107005	44.297	ng	99
28) bis(2-Chloroethoxy)met...	10.373	93	140866	45.036	ng	99
29) 2,4-Dichlorophenol	10.620	162	120727	46.550	ng	96
30) 1,2,4-Trichlorobenzene	10.843	180	136739	43.663	ng	95
31) Naphthalene	11.031	128	345329	41.181	ng	99
32) Benzoic acid	10.261	122	70144	41.983	ng	93
33) 4-Chloroaniline	11.131	127	8270	2.465	ng	# 90
34) Hexachlorobutadiene	11.319	225	106863	39.770	ng	99
35) Caprolactam	11.895	113	32047m	41.314	ng	
36) 4-Chloro-3-methylphenol	12.236	107	131954	45.712	ng	98
37) 2-Methylnaphthalene	12.623	142	236748	37.728	ng	99
38) 1-Methylnaphthalene	12.841	142	247960	39.779	ng	98
40) 1,2,4,5-Tetrachloroben...	12.988	216	195178	42.943	ng	97
41) Hexachlorocyclopentadiene	12.970	237	247648	76.018	ng	98
43) 2,4,6-Trichlorophenol	13.217	196	126478	47.414	ng	99

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Manual Integrations
 APPROVED

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

Quant Time: Nov 18 00:22:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

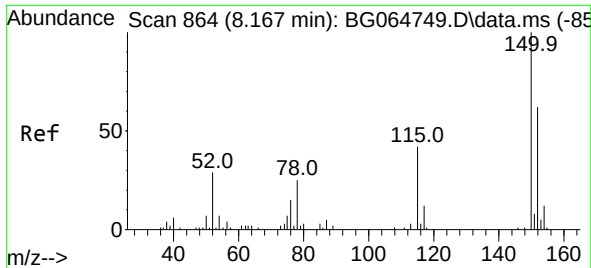
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	141991	47.460	ng	98
46) 1,1'-Biphenyl	13.616	154	370422	44.161	ng	98
47) 2-Chloronaphthalene	13.663	162	290879	44.017	ng	99
48) 2-Nitroaniline	13.851	65	101739	47.866	ng	98
49) Acenaphthylene	14.503	152	501269	44.401	ng	98
50) Dimethylphthalate	14.221	163	422096	45.754	ng	# 97
51) 2,6-Dinitrotoluene	14.339	165	87935	49.535	ng	95
52) Acenaphthene	14.838	154	342193	50.552	ng	99
53) 3-Nitroaniline	14.662	138	14635	8.353	ng	94
54) 2,4-Dinitrophenol	14.868	184	105753	86.219	ng	97
55) Dibenzofuran	15.167	168	499765	44.658	ng	99
56) 4-Nitrophenol	14.968	139	134034	96.420	ng	97
57) 2,4-Dinitrotoluene	15.120	165	129090	48.505	ng	99
58) Fluorene	15.814	166	383077	43.645	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.391	232	149673	50.704	ng	97
60) Diethylphthalate	15.573	149	401488	45.430	ng	99
61) 4-Chlorophenyl-phenyle...	15.802	204	230129	43.689	ng	100
62) 4-Nitroaniline	15.820	138	78137	43.048	ng	94
63) Azobenzene	16.096	77	331994	45.165	ng	96
65) 4,6-Dinitro-2-methylph...	15.878	198	83214	51.336	ng	94
66) n-Nitrosodiphenylamine	16.013	169	356141	46.572	ng	100
67) 4-Bromophenyl-phenylether	16.689	248	177170	46.211	ng	99
68) Hexachlorobenzene	16.818	284	206644	44.487	ng	95
69) Atrazine	16.948	200	173494	47.056	ng	98
70) Pentachlorophenol	17.153	266	263055	94.493	ng	94
71) Phenanthrene	17.547	178	716335	44.845	ng	99
72) Anthracene	17.635	178	734457	45.092	ng	99
73) Carbazole	17.899	167	647303	46.229	ng	100
74) Di-n-butylphthalate	18.452	149	742374	47.523	ng	99
75) Fluoranthene	19.539	202	949599	43.474	ng	100
77) Benzidine	19.709	184	184638	16.000	ng	98
78) Pyrene	19.897	202	991390	45.906	ng	99
80) Butylbenzylphthalate	20.773	149	355169	46.756	ng	94
81) Benzo(a)anthracene	21.736	228	1143294	43.635	ng	99
82) 3,3'-Dichlorobenzidine	21.642	252	115567	11.983	ng	97
83) Chrysene	21.807	228	1069042	43.278	ng	99
84) Bis(2-ethylhexyl)phtha...	21.636	149	507001	45.675	ng	99
85) Di-n-octyl phthalate	22.858	149	839392	43.747	ng	99
87) Indeno(1,2,3-cd)pyrene	28.746	276	1247633	47.630	ng	# 98
88) Benzo(b)fluoranthene	23.981	252	1090713	44.953	ng	99
89) Benzo(k)fluoranthene	24.051	252	1108341	45.468	ng	100
90) Benzo(a)pyrene	24.862	252	1021371	45.379	ng	99
91) Dibenzo(a,h)anthracene	28.822	278	1030255	48.011	ng	96
92) Benzo(g,h,i)perylene	29.921	276	981650	47.532	ng	98

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

Manual Integrations

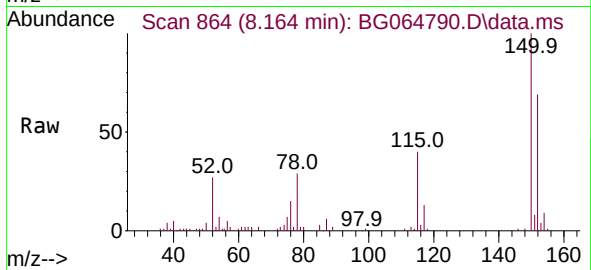
Quant Time: Nov 18 00:22:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.164 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: BG064790.D
 Acq: 17 Nov 2025 18:45

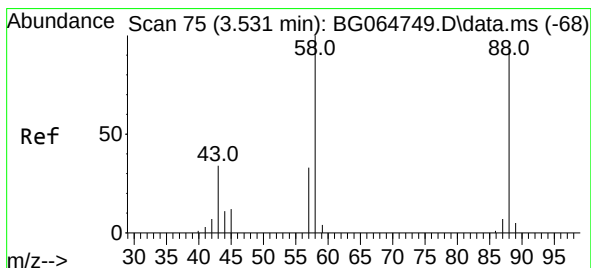
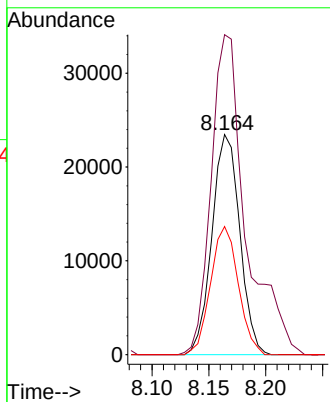
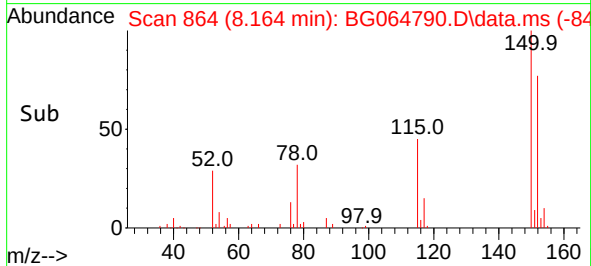
Instrument :
 BNA_G
 ClientSampleId :
 TP-5MSD



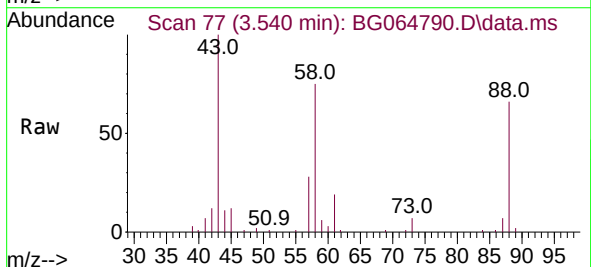
Tgt Ion:152 Resp: 39983
 Ion Ratio Lower Upper
 152 100
 150 145.4 129.2 193.8
 115 58.2 53.7 80.5

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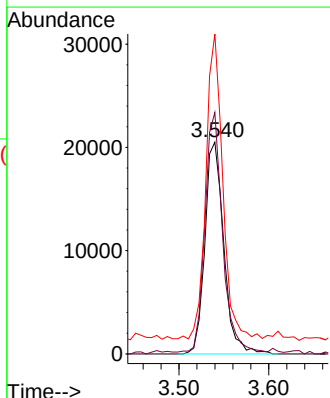
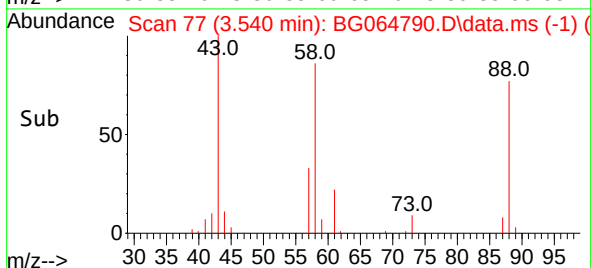
Reviewed By :Jagrut Upadhyay 11/18/2025
 Supervised By :Sohil Jodhani 11/18/2025

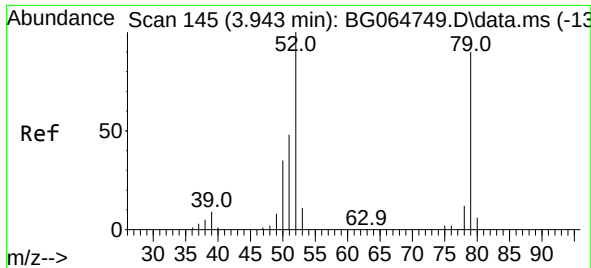


#2
 1,4-Dioxane
 Concen: 33.862 ng
 RT: 3.540 min Scan# 77
 Delta R.T. 0.008 min
 Lab File: BG064790.D
 Acq: 17 Nov 2025 18:45



Tgt Ion: 88 Resp: 30016
 Ion Ratio Lower Upper
 88 100
 58 105.2 84.6 126.8
 43 127.6 30.0 45.0#





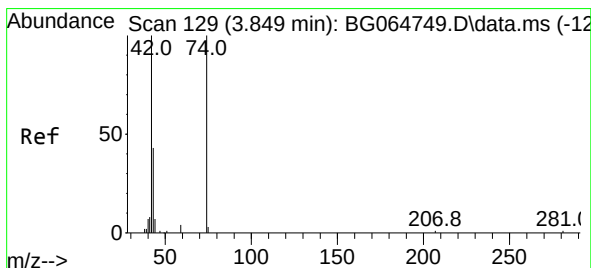
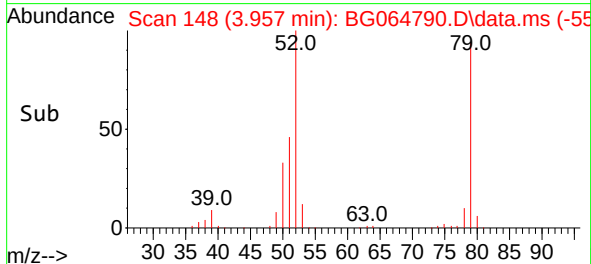
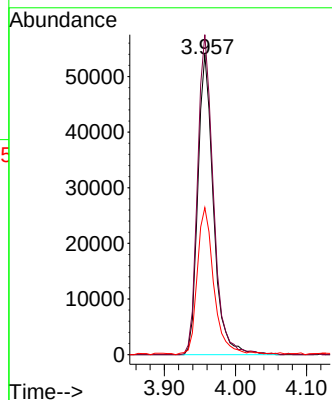
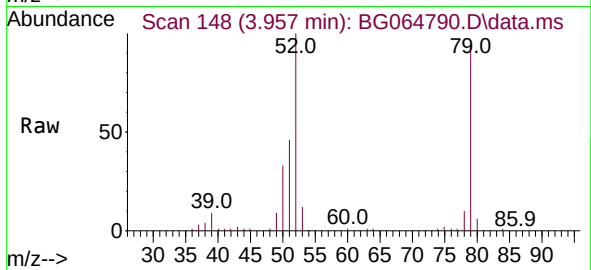
#3
Pyridine
Concen: 31.045 ng
RT: 3.957 min Scan# 14
Delta R.T. 0.014 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

Instrument :
BNA_G
ClientSampleId :
TP-5MSD

Tgt Ion: 79	Resp: 81994
Ion Ratio	Lower Upper
79 100	
52 106.6	89.0 133.4
51 48.9	43.4 65.0

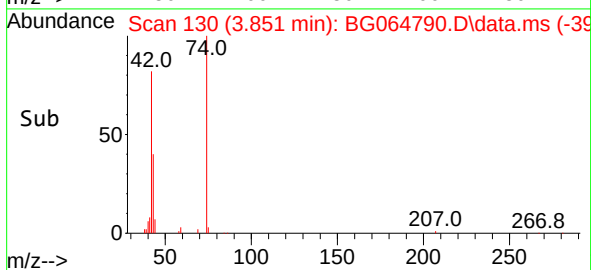
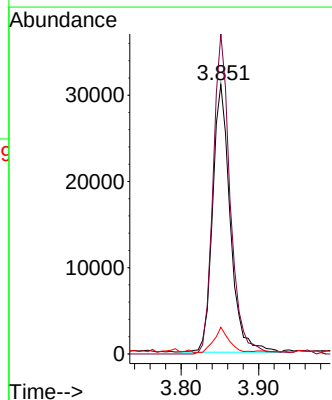
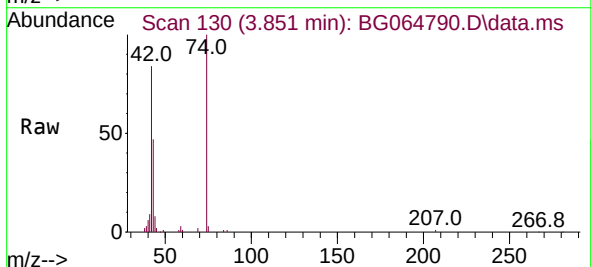
Manual Integrations
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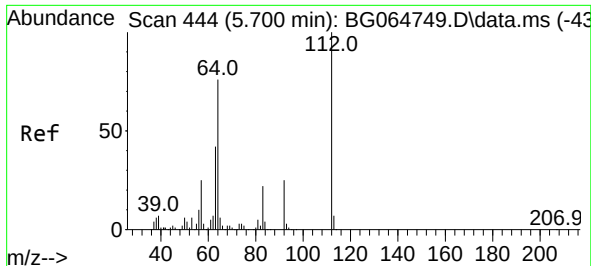
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#4
n-Nitrosodimethylamine
Concen: 36.368 ng
RT: 3.851 min Scan# 130
Delta R.T. 0.002 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

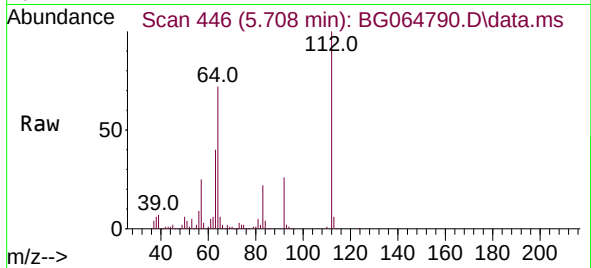
Tgt Ion: 42	Resp: 48888		
Ion Ratio	Lower	Upper	
42	100		
74	118.8	79.8	119.6
44	9.9	5.9	8.9#





#5
2-Fluorophenol
Concen: 128.008 ng
RT: 5.708 min Scan# 444
Delta R.T. 0.008 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

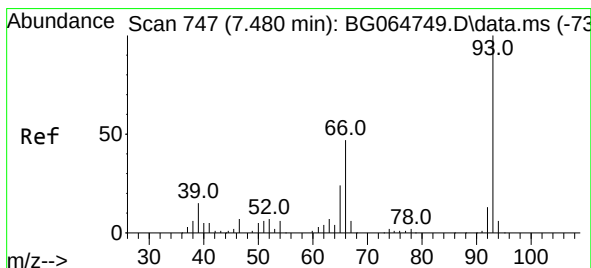
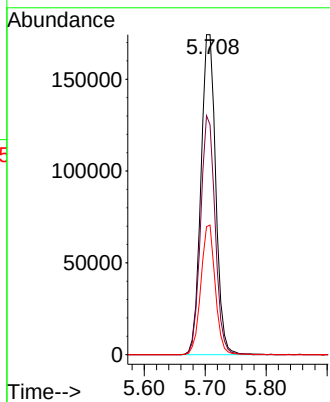
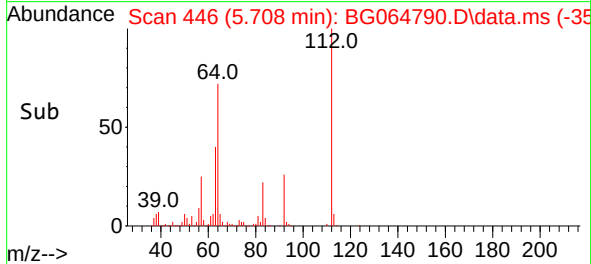
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion:112 Resp: 293100
Ion Ratio Lower Upper
112 100
64 71.8 61.0 91.4
63 40.5 33.3 49.9

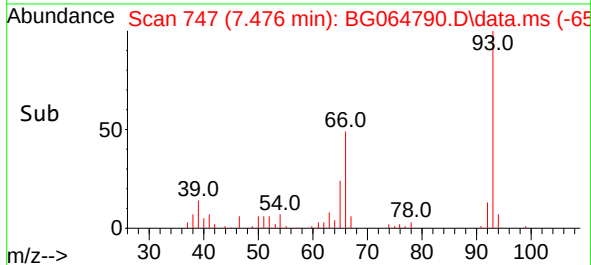
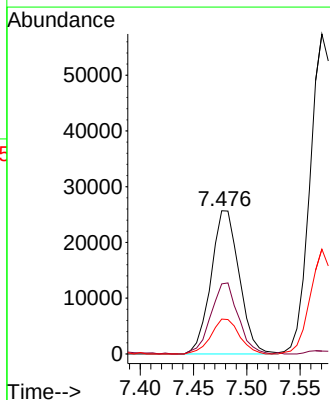
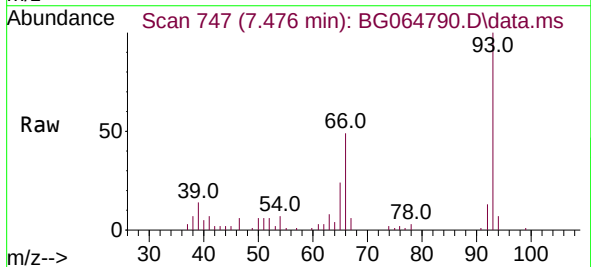
Manual Integrations
APPROVED

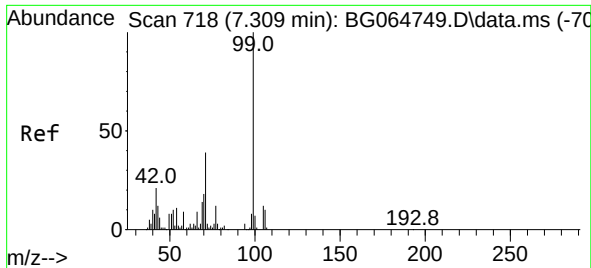
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#6
Aniline
Concen: 11.670 ng
RT: 7.476 min Scan# 747
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

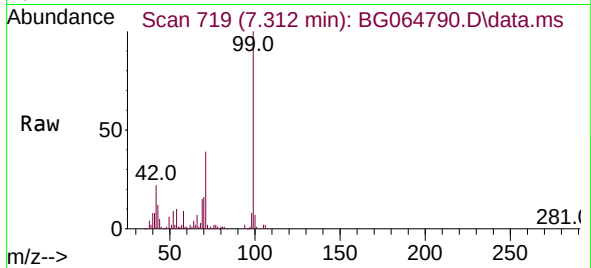
Tgt Ion: 93 Resp: 47372
Ion Ratio Lower Upper
93 100
66 48.9 37.7 56.5
65 24.3 19.1 28.7





#7
Phenol-d6
Concen: 116.403 ng
RT: 7.312 min Scan# 718
Delta R.T. 0.002 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

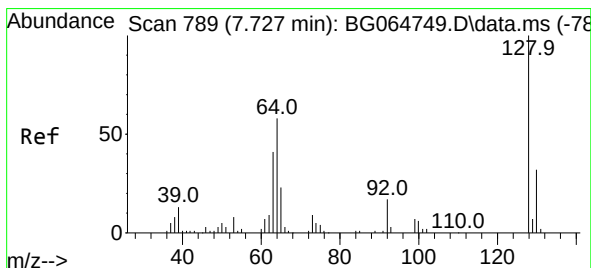
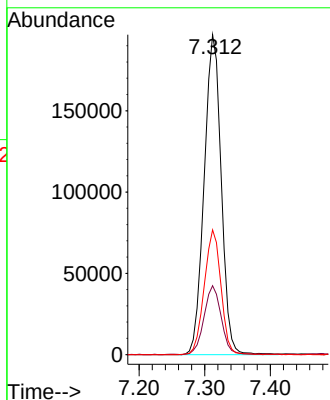
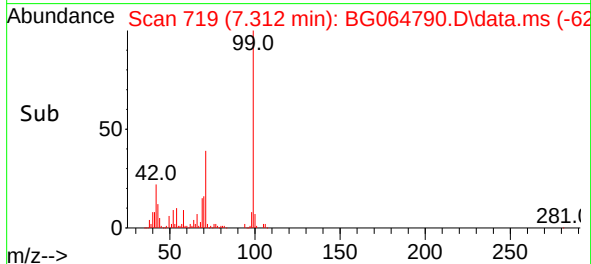
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



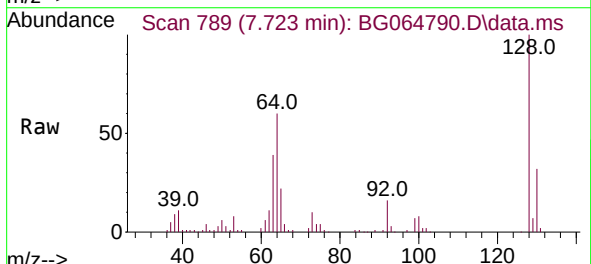
Tgt Ion: 99 Resp: 354492
Ion Ratio Lower Upper
99 100
42 21.5 16.8 25.2
71 39.0 31.1 46.7

Manual Integrations
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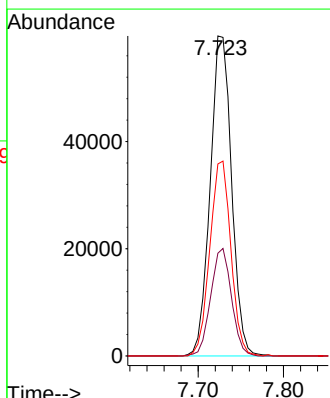
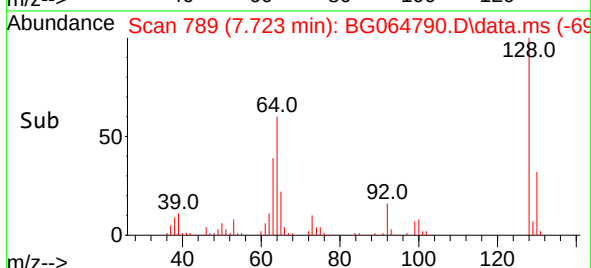
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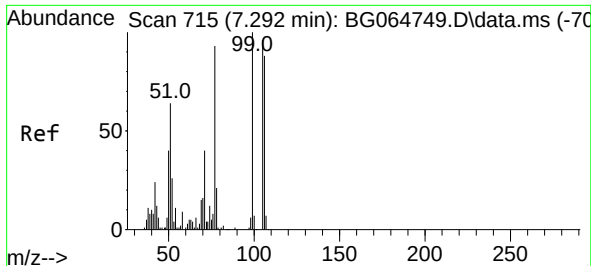


#8
2-Chlorophenol
Concen: 41.384 ng
RT: 7.723 min Scan# 789
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45



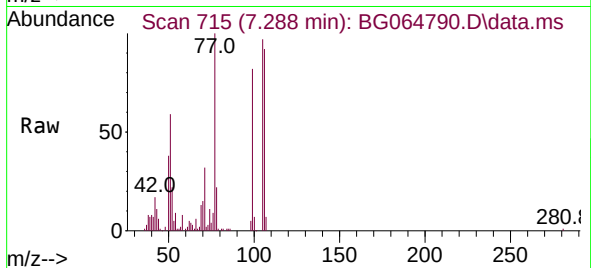
Tgt Ion:128 Resp: 104046
Ion Ratio Lower Upper
128 100
130 32.1 11.9 51.9
64 60.0 38.4 78.4





#9
Benzaldehyde
Concen: 30.266 ng
RT: 7.288 min Scan# 715
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

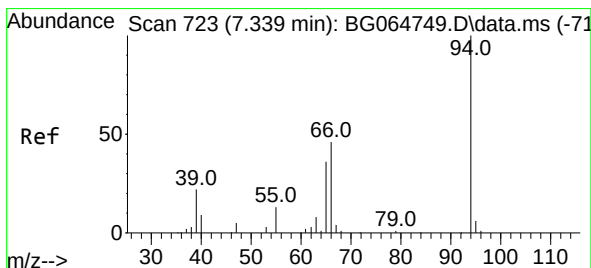
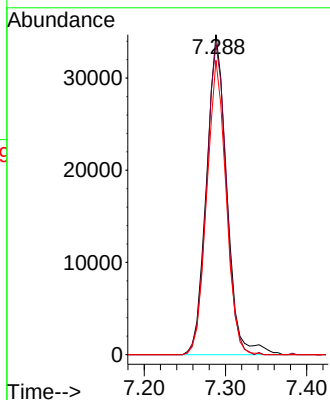
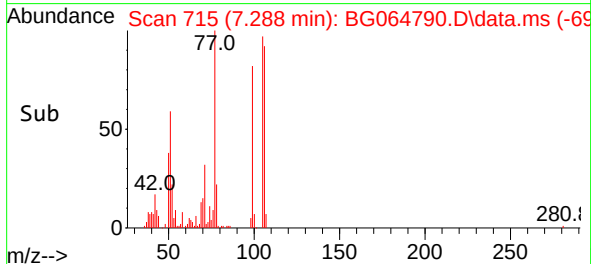
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



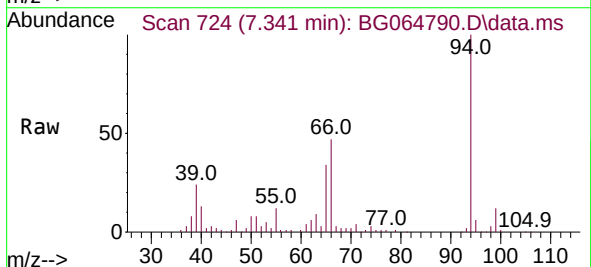
Tgt Ion: 77 Resp: 60336
Ion Ratio Lower Upper
77 100
105 97.0 83.8 123.8
106 92.0 74.3 114.3

Manual Integrations
APPROVED

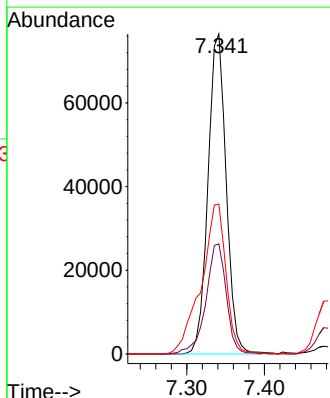
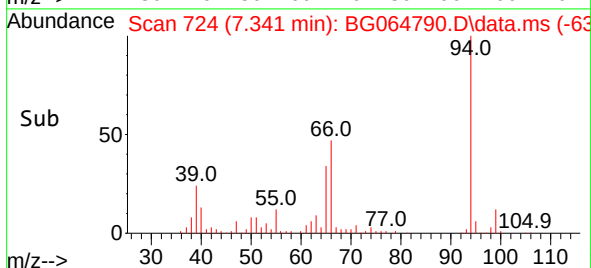
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

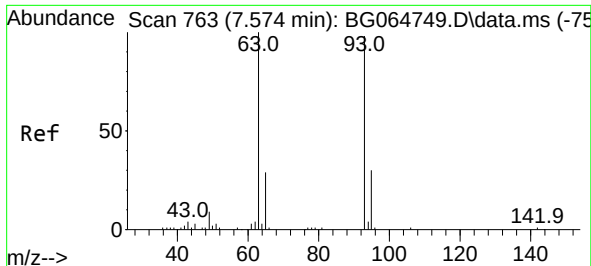


#10
Phenol
Concen: 37.656 ng
RT: 7.341 min Scan# 724
Delta R.T. 0.002 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45



Tgt Ion: 94 Resp: 124773
Ion Ratio Lower Upper
94 100
65 34.4 17.0 57.0
66 46.8 29.8 69.8





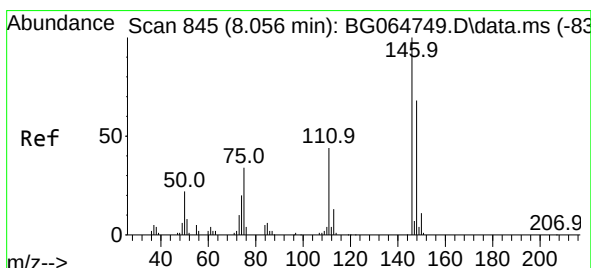
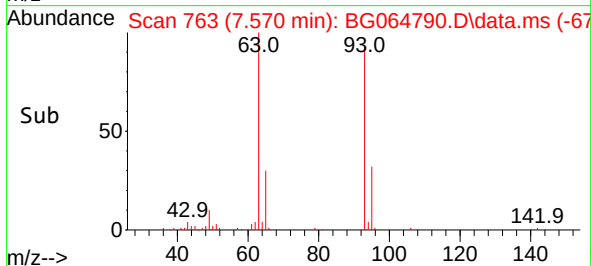
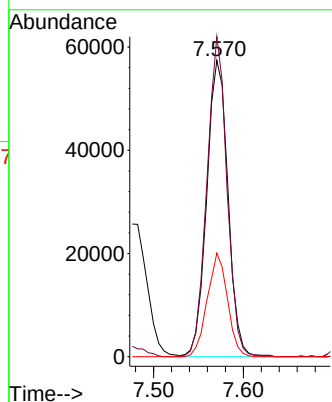
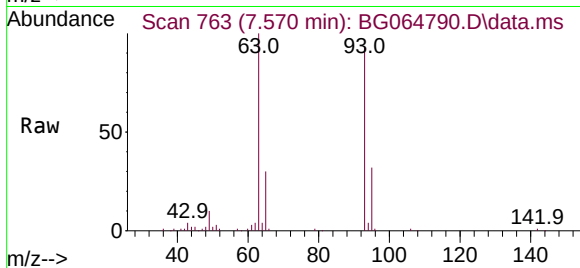
#11
bis(2-Chloroethyl)ether
Concen: 40.161 ng
RT: 7.570 min Scan# 763
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

Instrument :
BNA_G
ClientSampleId :
TP-5MSD

Tgt Ion: 93 Resp: 94693
Ion Ratio Lower Upper
93 100
63 108.0 81.8 121.8
95 34.9 10.3 50.3

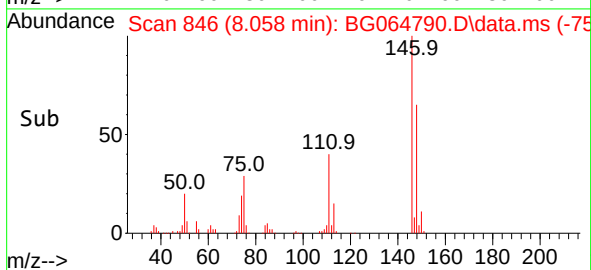
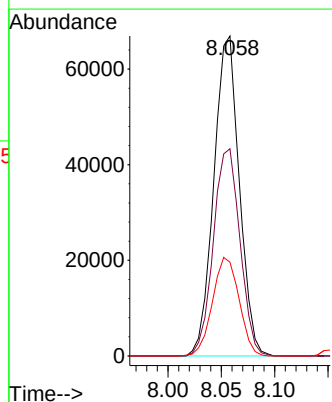
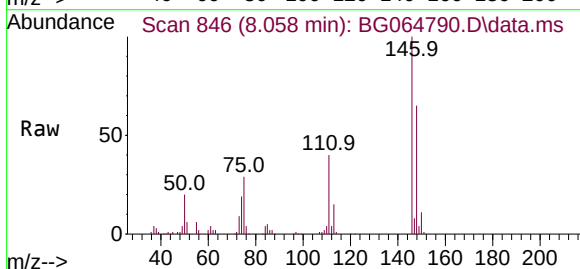
Manual Integrations
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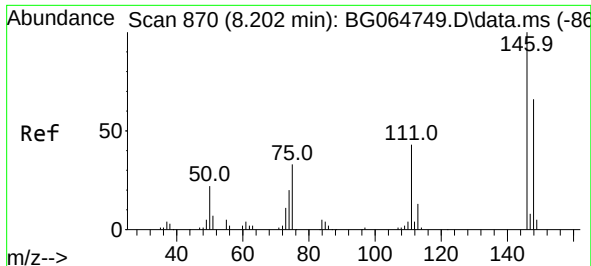
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#12
1,3-Dichlorobenzene
Concen: 38.459 ng
RT: 8.058 min Scan# 846
Delta R.T. 0.002 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

Tgt Ion:146 Resp: 111261
Ion Ratio Lower Upper
146 100
148 64.7 54.6 82.0
75 29.3 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 39.641 ng

RT: 8.199 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG064790.D

Acq: 17 Nov 2025 18:45

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

Tgt Ion:146 Resp: 116775

Ion Ratio Lower Upper

146 100

148 65.9 53.1 79.7

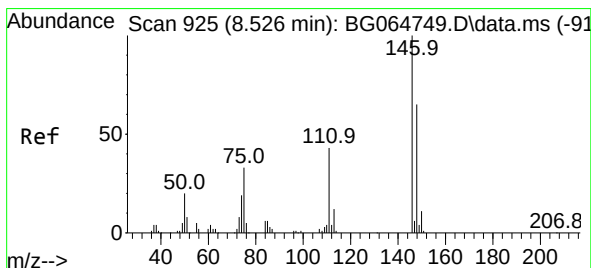
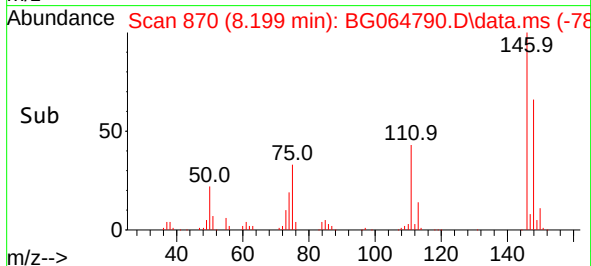
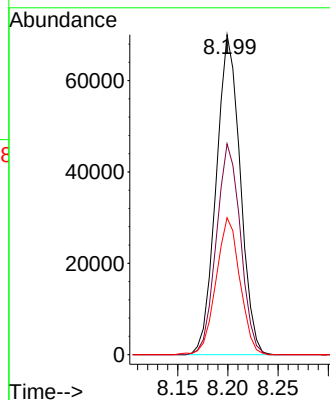
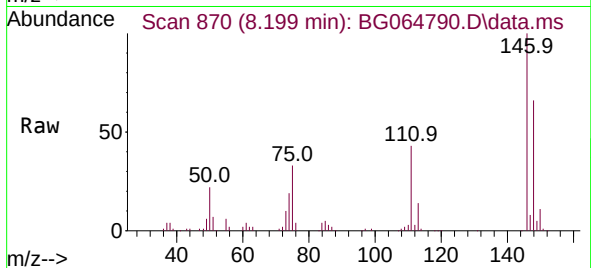
111 42.8 34.1 51.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/18/2025

Supervised By :Sohil Jodhani 11/18/2025



#14

1,2-Dichlorobenzene

Concen: 39.392 ng

RT: 8.522 min Scan# 925

Delta R.T. -0.003 min

Lab File: BG064790.D

Acq: 17 Nov 2025 18:45

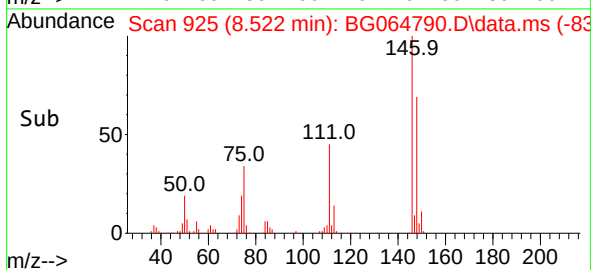
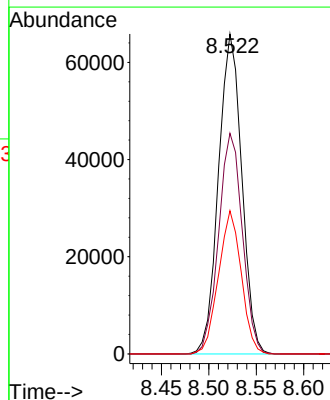
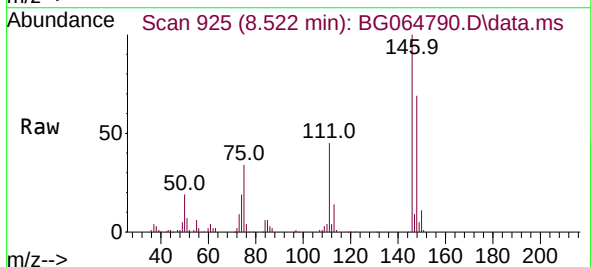
Tgt Ion:146 Resp: 112517

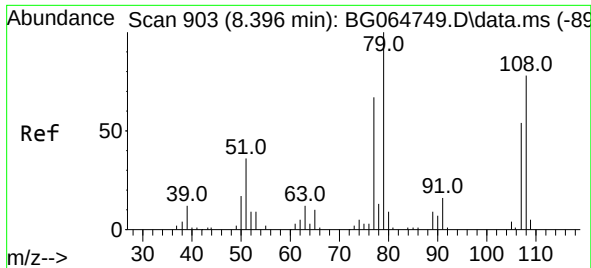
Ion Ratio Lower Upper

146 100

148 68.9 52.0 78.0

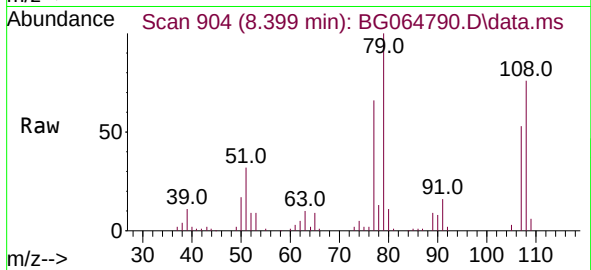
111 44.7 34.7 52.1





#15
Benzyl Alcohol
Concen: 42.049 ng
RT: 8.399 min Scan# 904
Delta R.T. 0.002 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

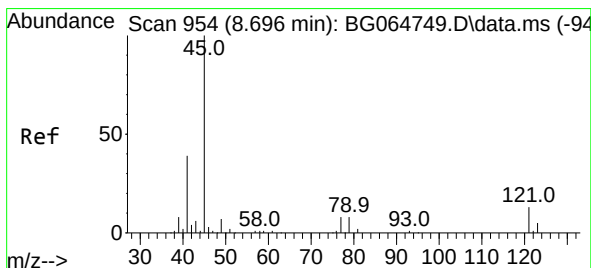
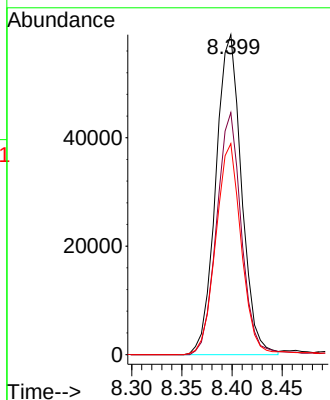
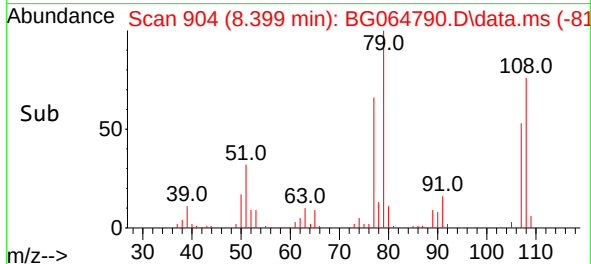
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion: 79 Resp: 10511
Ion Ratio Lower Upper
79 100
108 75.6 62.3 93.5
77 65.9 53.5 80.3

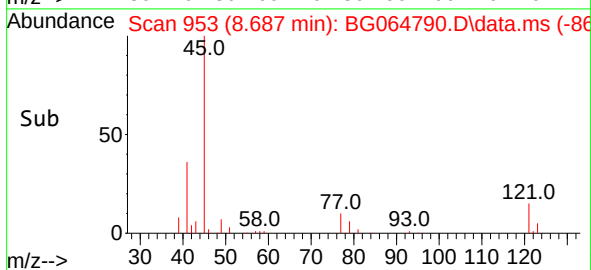
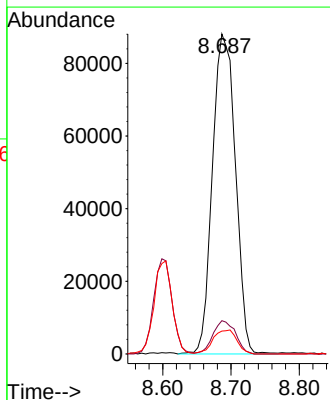
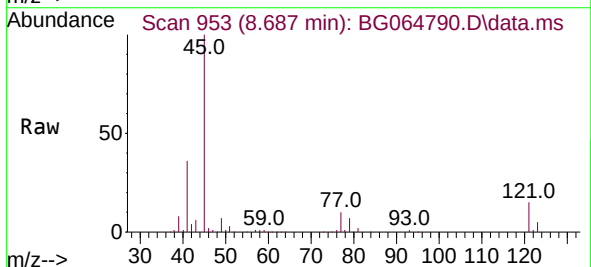
Manual Integrations
APPROVED

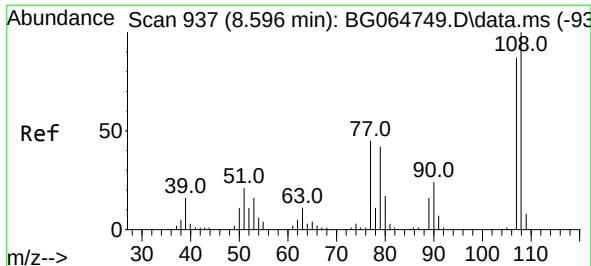
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.871 ng
RT: 8.687 min Scan# 953
Delta R.T. -0.009 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

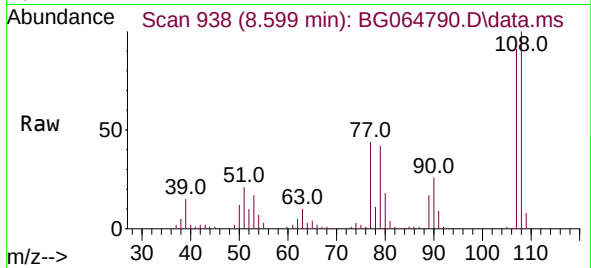
Tgt Ion: 45 Resp: 205778
Ion Ratio Lower Upper
45 100
77 10.4 0.0 28.8
79 7.1 0.0 28.1





#17
2-Methylphenol
Concen: 41.118 ng
RT: 8.599 min Scan# 937
Delta R.T. 0.002 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

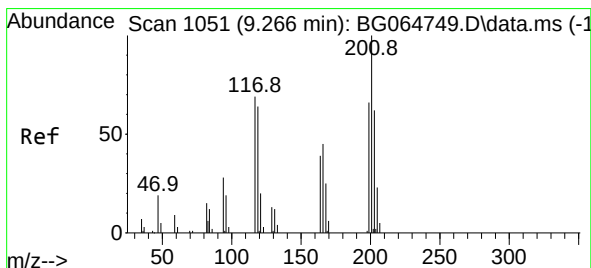
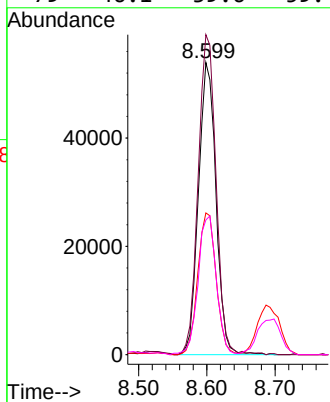
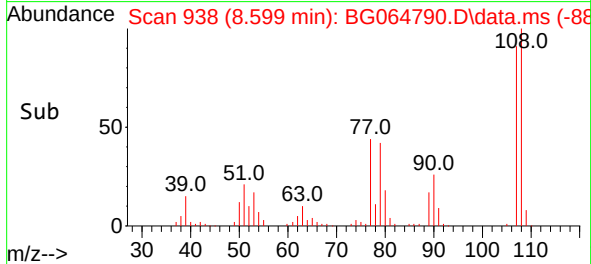
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion:107 Resp: 96403
Ion Ratio Lower Upper
107 100
108 109.5 92.6 138.8
77 48.5 41.2 61.8
79 46.1 39.6 59.4

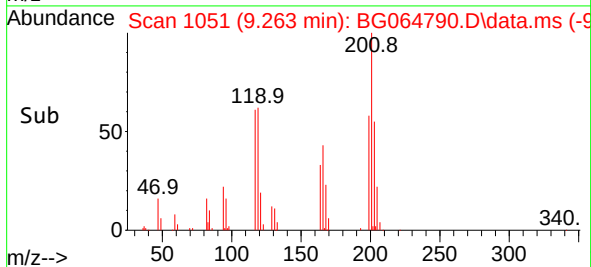
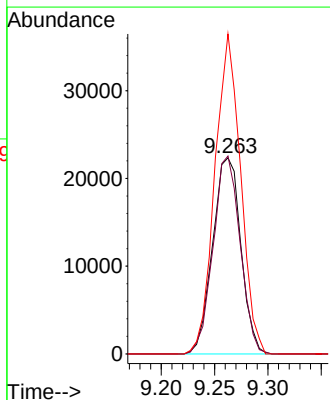
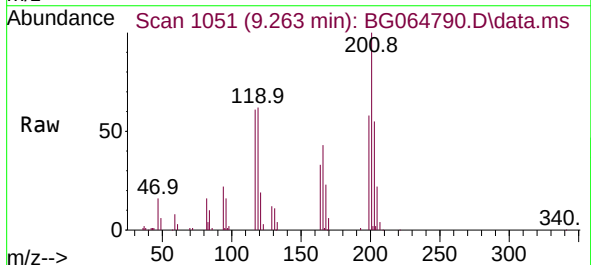
Manual Integrations
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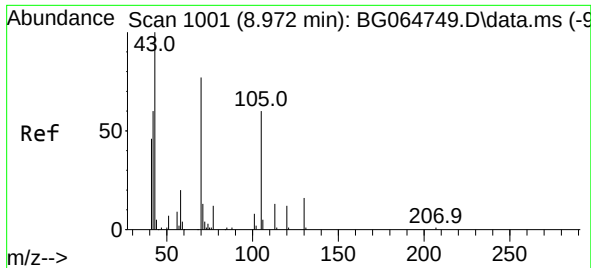
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#18
Hexachloroethane
Concen: 36.852 ng
RT: 9.263 min Scan# 1051
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

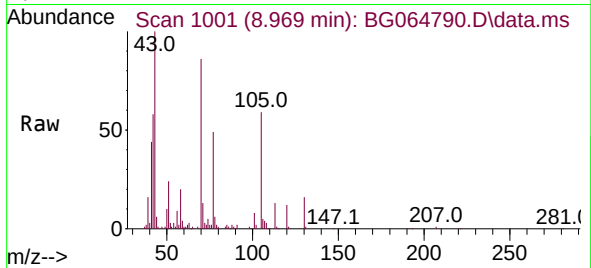
Tgt Ion:117 Resp: 41117
Ion Ratio Lower Upper
117 100
119 100.9 74.4 111.6
201 166.5 116.5 174.7





#19
n-Nitroso-di-n-propylamine
Concen: 41.184 ng
RT: 8.969 min Scan# 1001
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

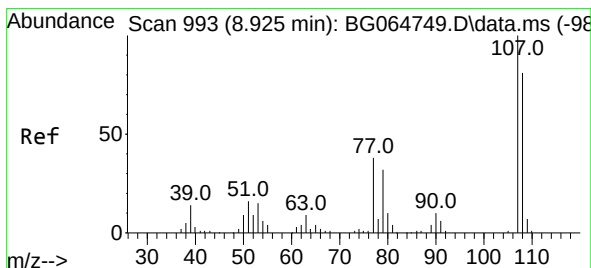
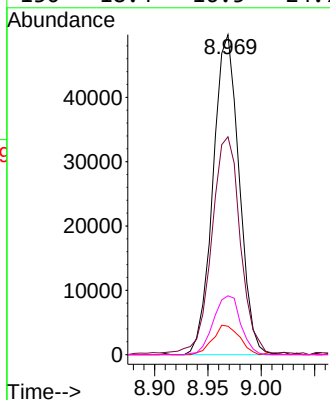
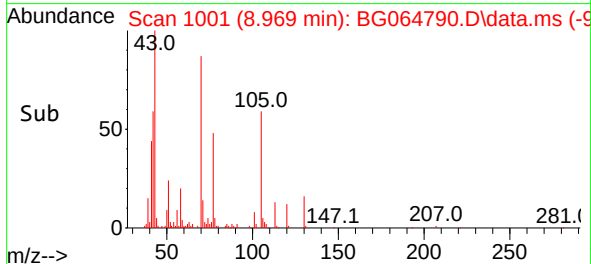
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



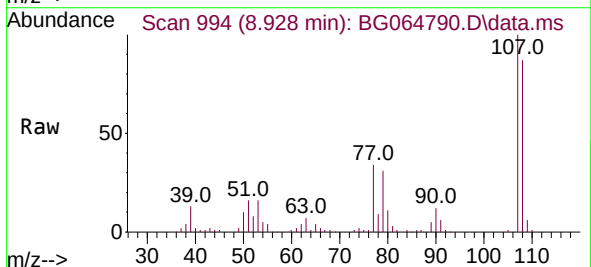
Tgt Ion: 70 Resp: 84803
Ion Ratio Lower Upper
70 100
42 68.1 62.6 93.8
101 8.9 8.0 12.0
130 18.4 16.5 24.7

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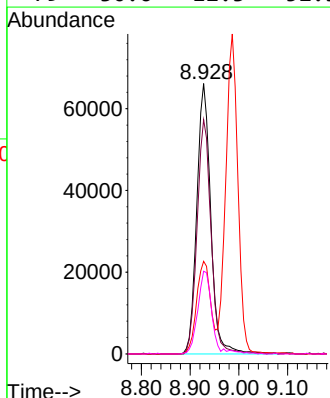
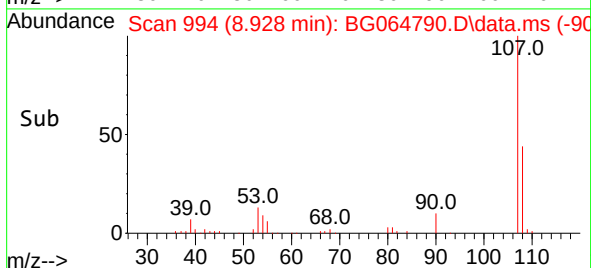
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

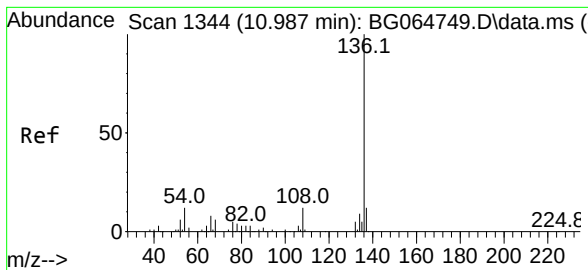


#20
3+4-Methylphenols
Concen: 40.867 ng
RT: 8.928 min Scan# 994
Delta R.T. 0.002 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45



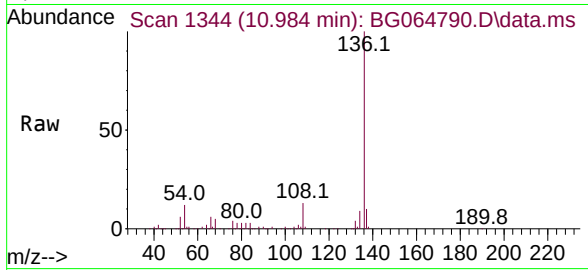
Tgt Ion:107 Resp: 131261
Ion Ratio Lower Upper
107 100
108 86.6 61.0 101.0
77 34.3 17.6 57.6
79 30.6 12.3 52.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.984 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

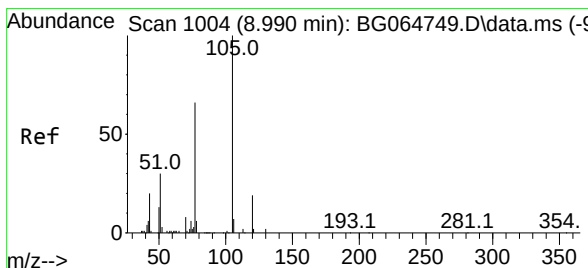
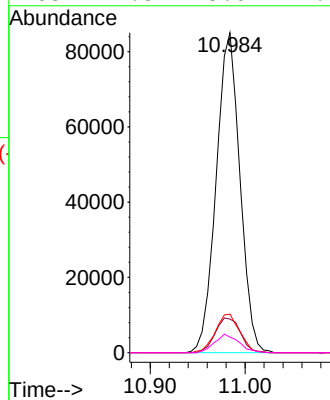
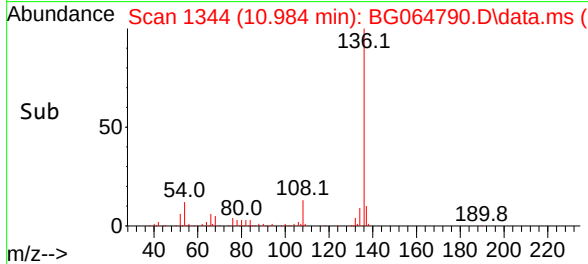
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion:136 Resp: 147925
Ion Ratio Lower Upper
136 100
137 10.5 9.3 13.9
54 12.0 9.3 13.9
68 4.8 5.0 7.6#

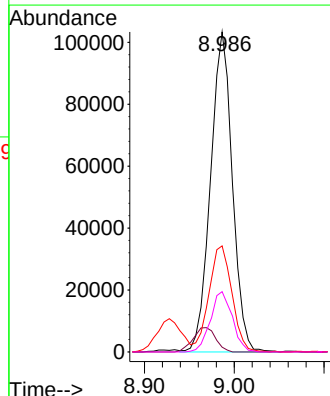
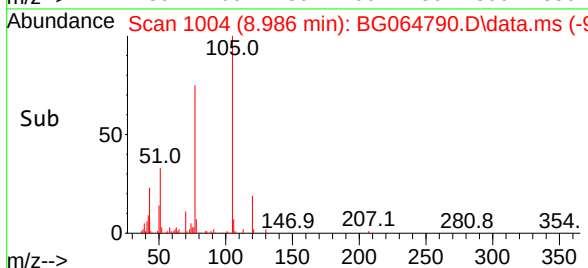
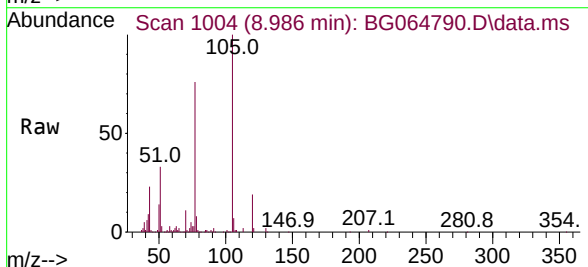
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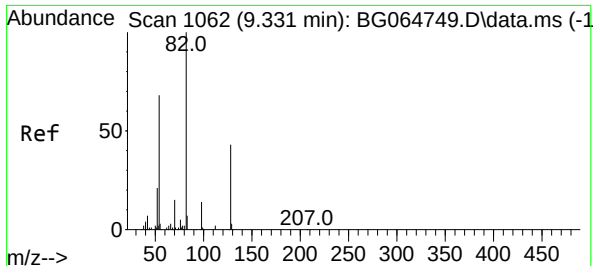
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#22
Acetophenone
Concen: 43.479 ng
RT: 8.986 min Scan# 1004
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

Tgt Ion:105 Resp: 175225
Ion Ratio Lower Upper
105 100
71 1.5 1.3 1.9
51 33.1 27.9 41.9
120 18.8 15.3 22.9





#23

Nitrobenzene-d5

Concen: 91.005 ng

RT: 9.327 min Scan# 1062

Delta R.T. -0.003 min

Lab File: BG064790.D

Acq: 17 Nov 2025 18:45

Instrument :

BNA_G

ClientSampleId :

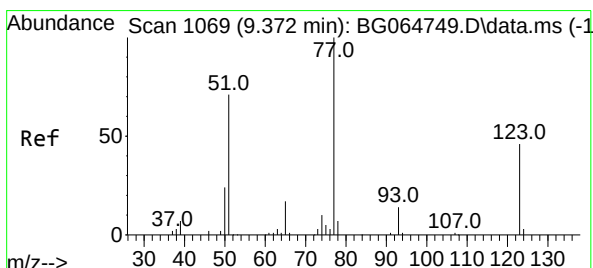
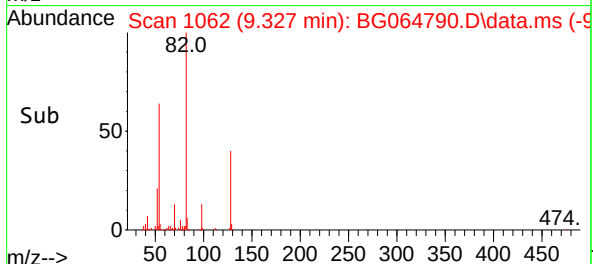
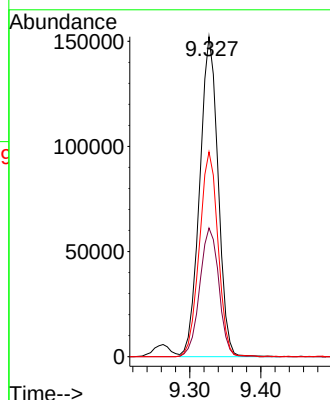
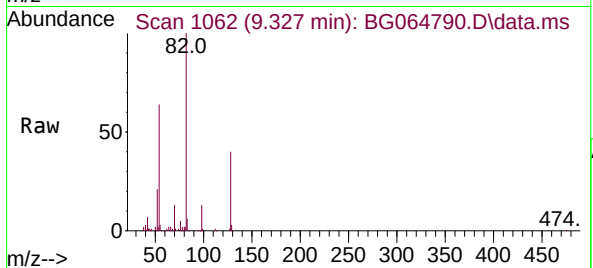
TP-5MSD

Tgt Ion: 82 Resp: 272272
 Ion Ratio Lower Upper
 82 100
 128 40.2 34.1 51.1
 54 64.0 54.3 81.5

Manual Integrations

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



#24

Nitrobenzene

Concen: 42.846 ng

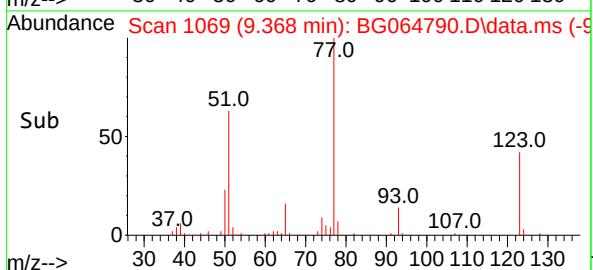
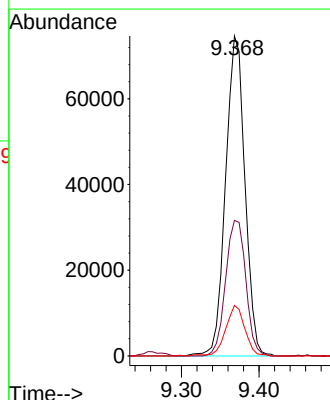
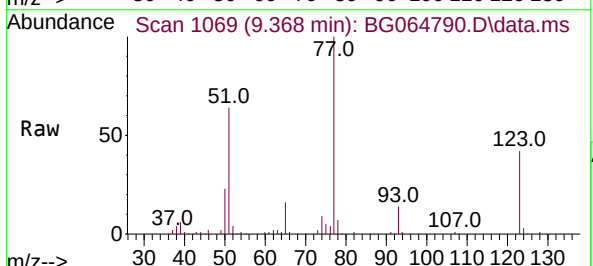
RT: 9.368 min Scan# 1069

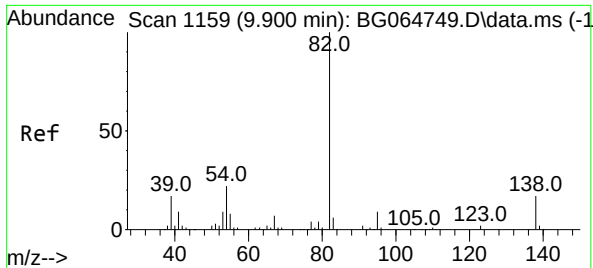
Delta R.T. -0.003 min

Lab File: BG064790.D

Acq: 17 Nov 2025 18:45

Tgt Ion: 77 Resp: 129524
 Ion Ratio Lower Upper
 77 100
 123 42.3 36.5 54.7
 65 15.8 13.5 20.3





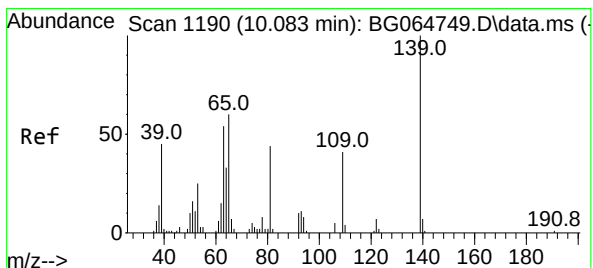
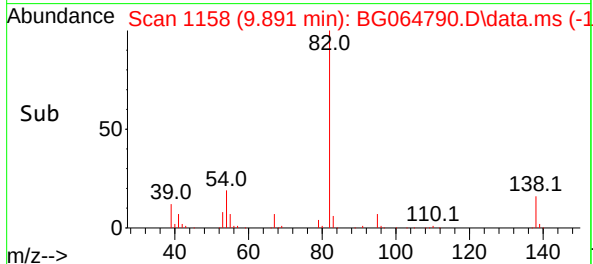
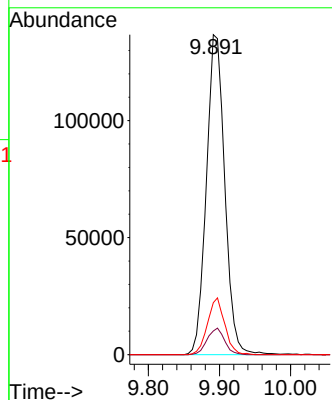
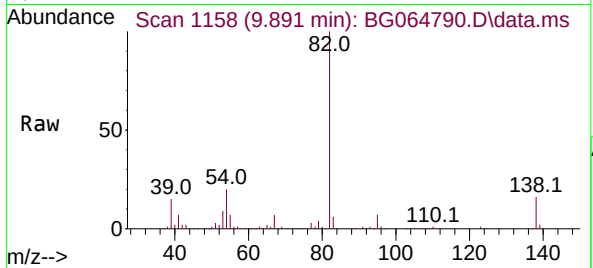
#25
Isophorone
Concen: 43.107 ng
RT: 9.891 min Scan# 1158
Delta R.T. -0.009 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

Instrument :
BNA_G
ClientSampleId :
TP-5MSD

Tgt Ion: 82 Resp: 245598
Ion Ratio Lower Upper
82 100
95 7.4 6.9 10.3
138 16.2 13.9 20.9

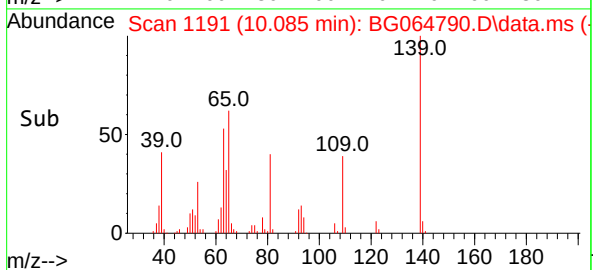
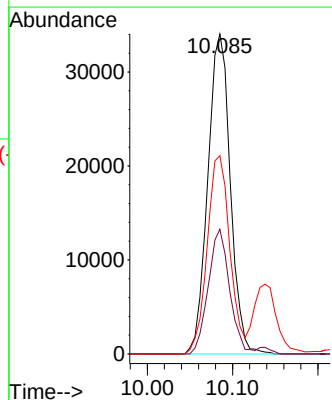
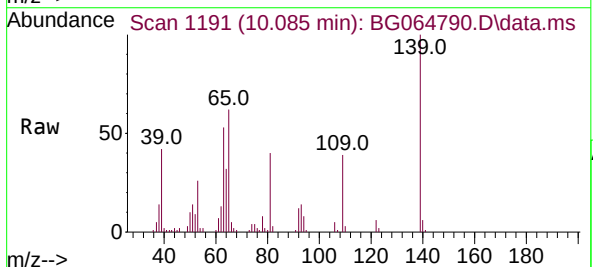
Manual Integrations
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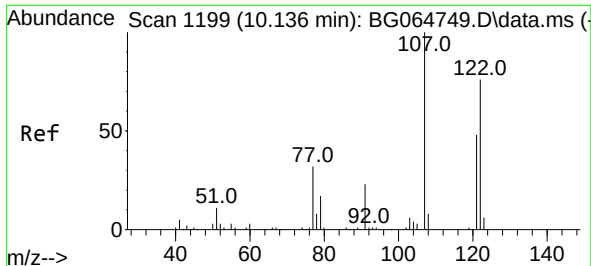
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#26
2-Nitrophenol
Concen: 45.866 ng
RT: 10.085 min Scan# 1191
Delta R.T. 0.002 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

Tgt Ion:139 Resp: 62365
Ion Ratio Lower Upper
139 100
109 38.9 32.5 48.7
65 61.9 47.6 71.4





#27

2,4-Dimethylphenol

Concen: 44.297 ng

RT: 10.138 min Scan# 1199

Delta R.T. 0.002 min

Lab File: BG064790.D

Acq: 17 Nov 2025 18:45

Instrument :

BNA_G

ClientSampleId :

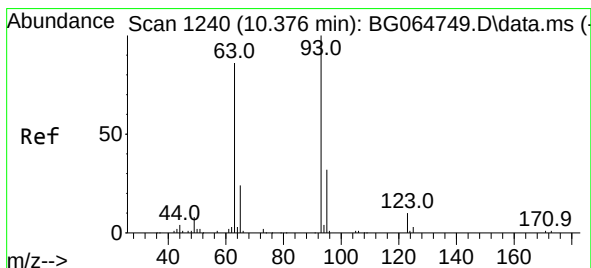
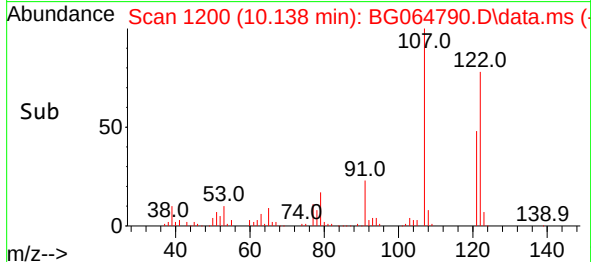
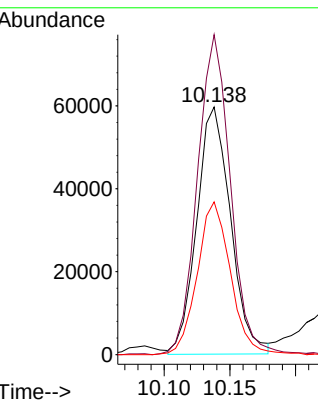
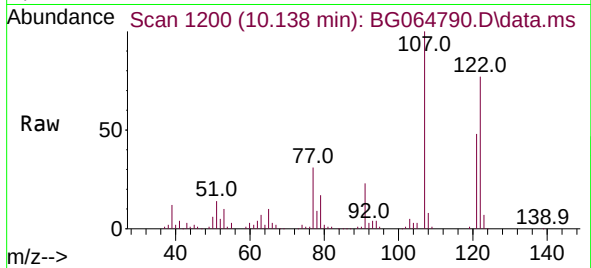
TP-5MSD

Tgt Ion:122 Resp: 107005
 Ion Ratio Lower Upper
 122 100
 107 129.2 102.5 153.7
 121 61.7 49.0 73.6

Manual Integrations

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



#28

bis(2-Chloroethoxy)methane

Concen: 45.036 ng

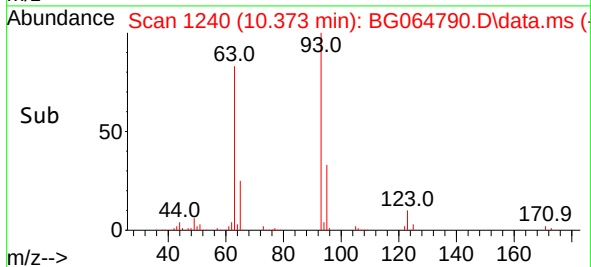
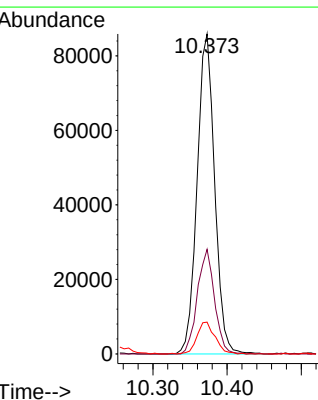
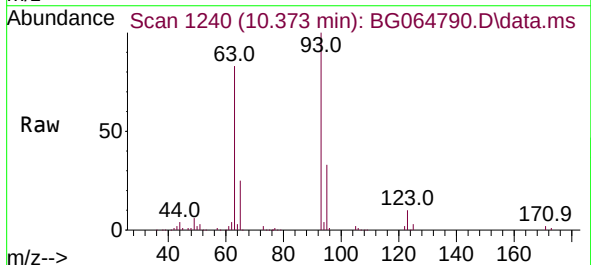
RT: 10.373 min Scan# 1240

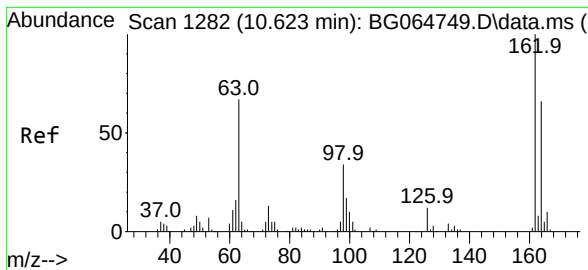
Delta R.T. -0.003 min

Lab File: BG064790.D

Acq: 17 Nov 2025 18:45

Tgt Ion: 93 Resp: 140866
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.4 38.2
 123 9.9 8.1 12.1





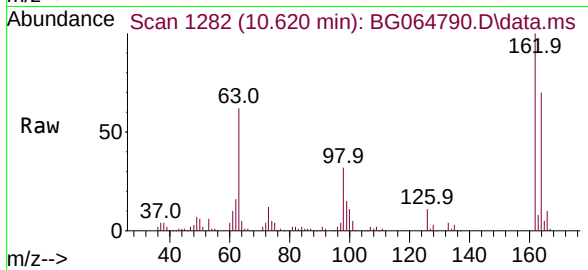
#29
2,4-Dichlorophenol
Concen: 46.550 ng
RT: 10.620 min Scan# 1282
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

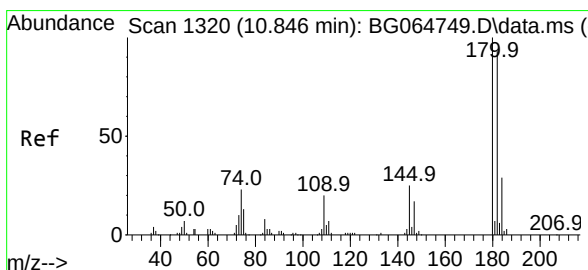
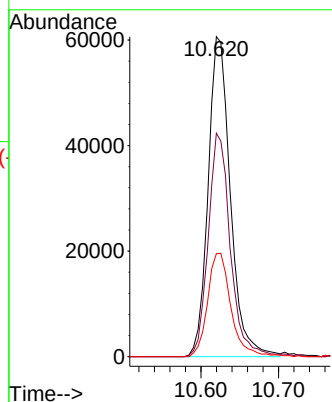
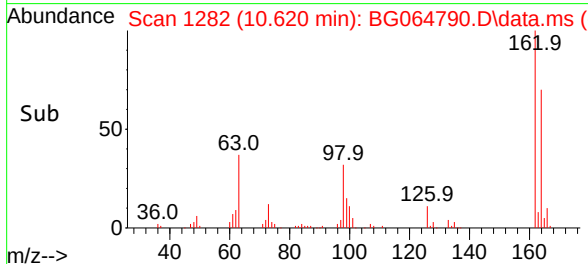


Tgt Ion:162 Resp: 12072
Ion Ratio Lower Upper
162 100
164 69.8 46.0 86.0
98 32.2 14.2 54.2

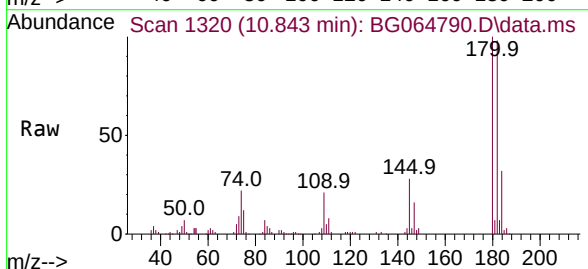
Manual Integrations

APPROVED

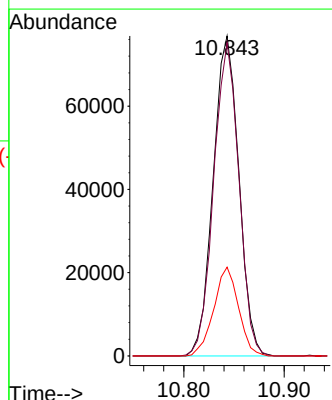
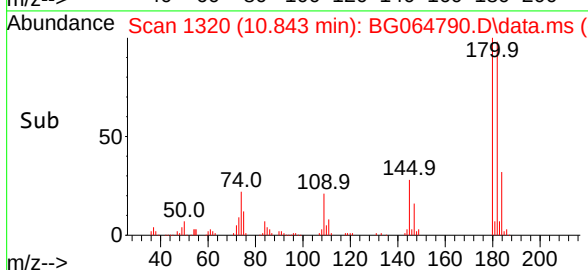
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

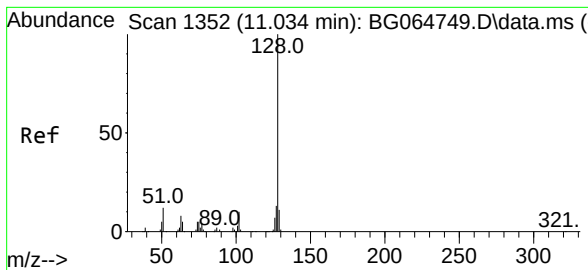


#30
1,2,4-Trichlorobenzene
Concen: 43.663 ng
RT: 10.843 min Scan# 1320
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45



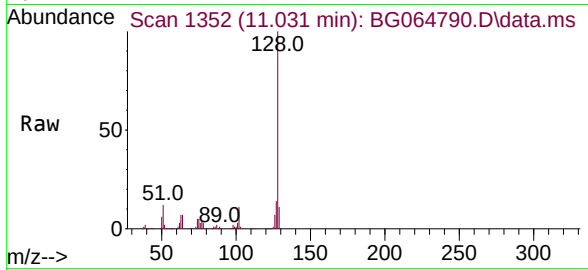
Tgt Ion:180 Resp: 136739
Ion Ratio Lower Upper
180 100
182 97.9 74.2 111.4
145 27.7 20.0 30.0





#31
Naphthalene
Concen: 41.181 ng
RT: 11.031 min Scan# 1352
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

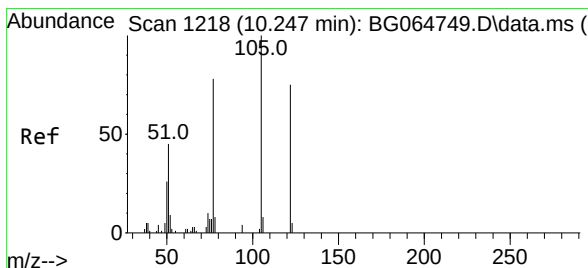
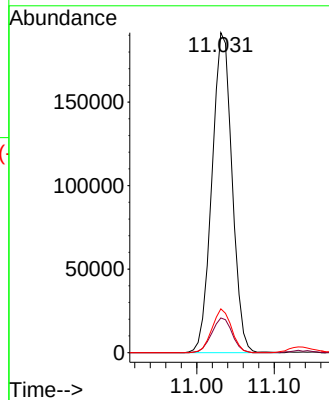
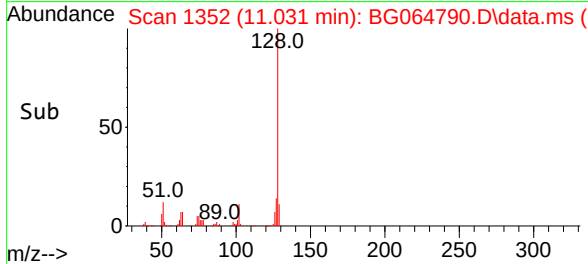
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion:128 Resp: 345329
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.7 10.6 16.0

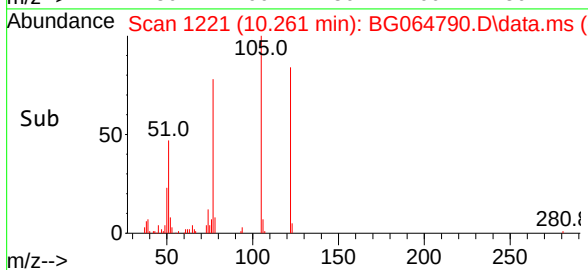
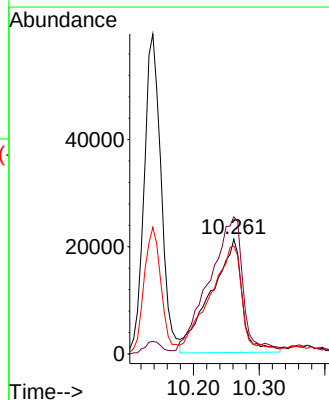
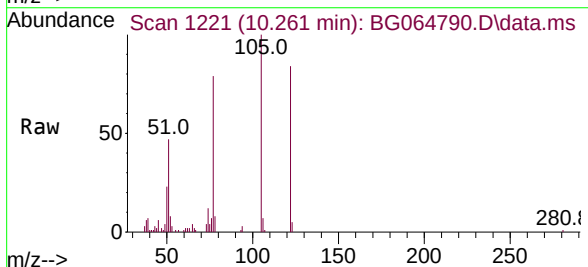
Manual Integrations
APPROVED

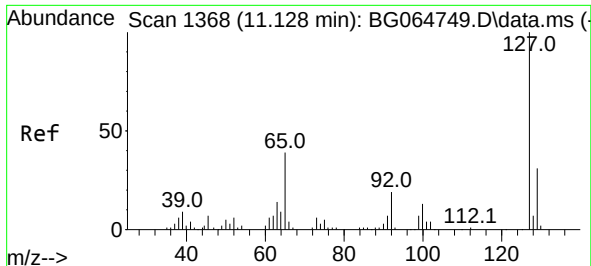
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#32
Benzoic acid
Concen: 41.983 ng
RT: 10.261 min Scan# 1221
Delta R.T. 0.014 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

Tgt Ion:122 Resp: 70144
Ion Ratio Lower Upper
122 100
105 119.6 107.6 147.6
77 94.3 82.5 122.5





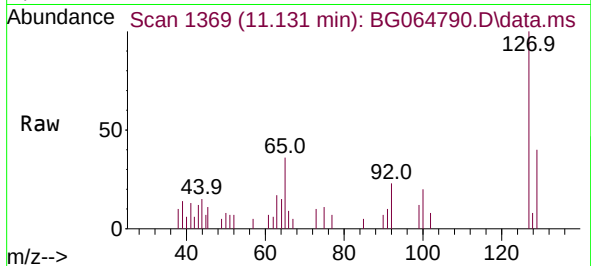
#33
4-Chloroaniline
Concen: 2.465 ng
RT: 11.131 min Scan# 1368
Delta R.T. 0.002 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

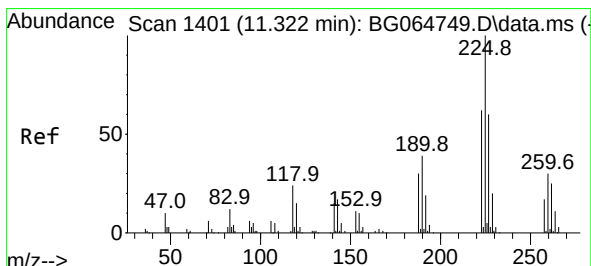
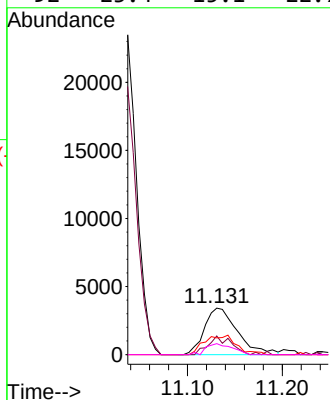
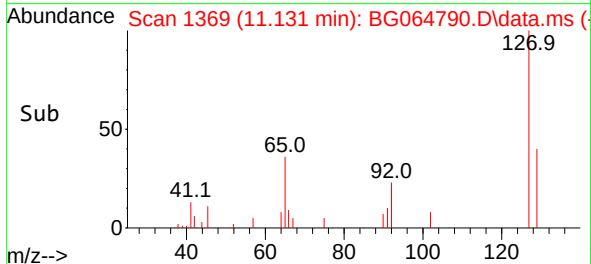


Tgt Ion:127 Resp: 8270
Ion Ratio Lower Upper
127 100
129 40.3 24.9 37.3
65 36.0 30.9 46.3
92 23.4 15.1 22.7#

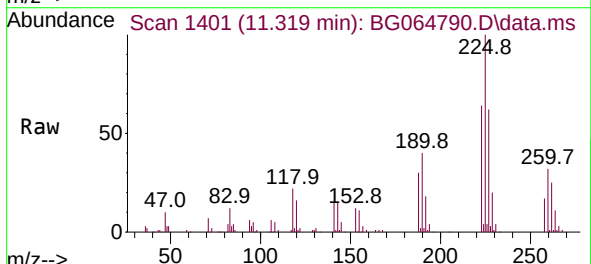
Manual Integrations

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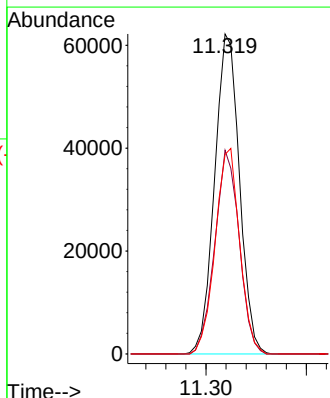
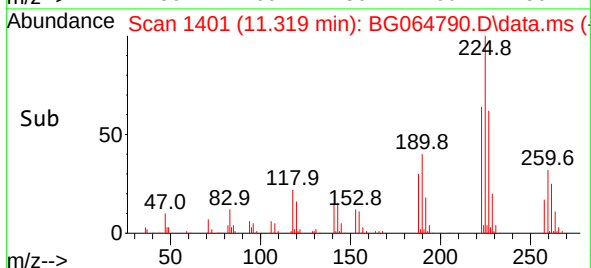
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

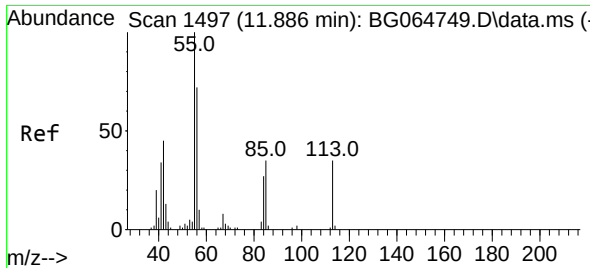


#34
Hexachlorobutadiene
Concen: 39.770 ng
RT: 11.319 min Scan# 1401
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45



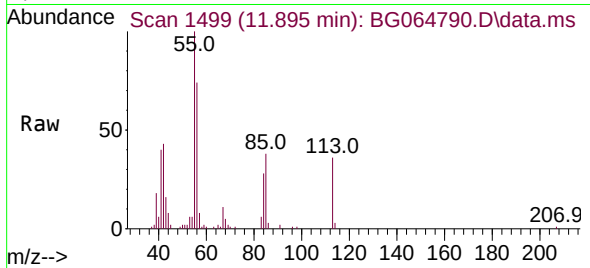
Tgt Ion:225 Resp: 106863
Ion Ratio Lower Upper
225 100
223 63.6 49.9 74.9
227 62.3 50.6 75.8





#35
Caprolactam
Concen: 41.314 ng m
RT: 11.895 min Scan# 1497
Delta R.T. 0.008 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

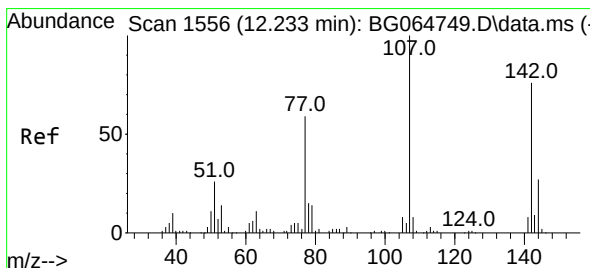
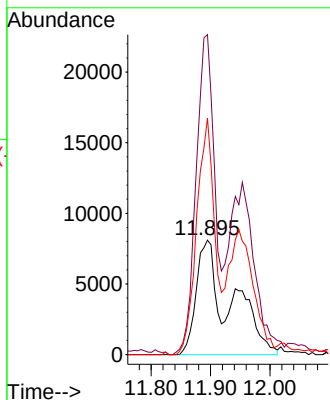
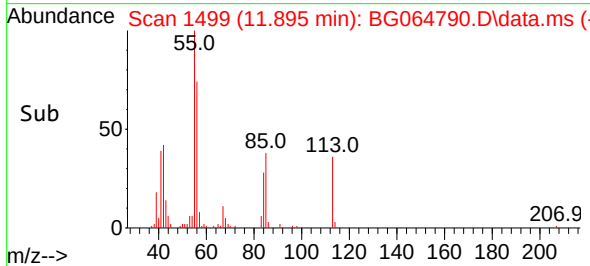
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



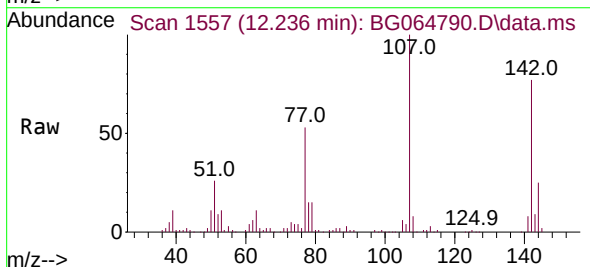
Tgt Ion:113 Resp: 32047
Ion Ratio Lower Upper
113 100
55 279.7 263.7 303.7
56 206.7 184.0 224.0

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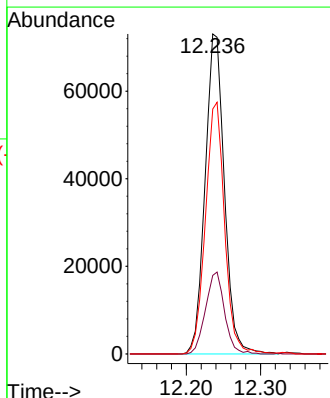
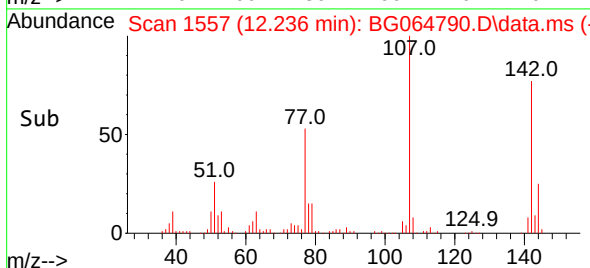
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

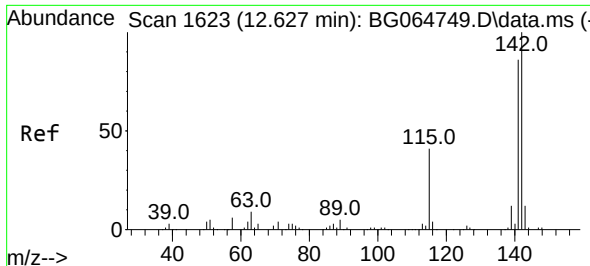


#36
4-Chloro-3-methylphenol
Concen: 45.712 ng
RT: 12.236 min Scan# 1557
Delta R.T. 0.002 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45



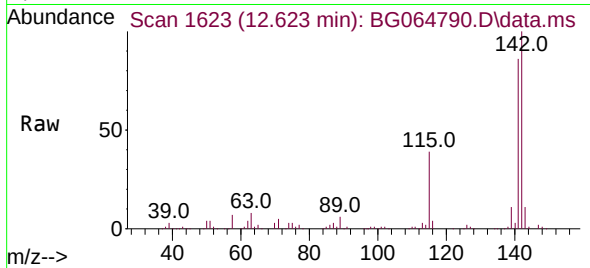
Tgt Ion:107 Resp: 131954
Ion Ratio Lower Upper
107 100
144 24.6 21.7 32.5
142 76.5 60.8 91.2





#37
2-Methylnaphthalene
Concen: 37.728 ng
RT: 12.623 min Scan# 1623
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

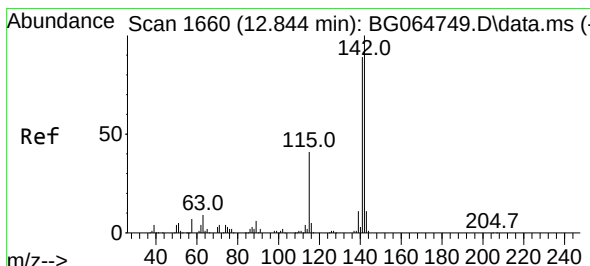
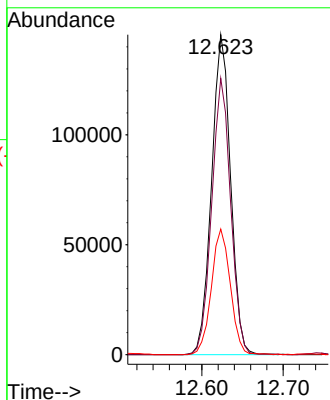
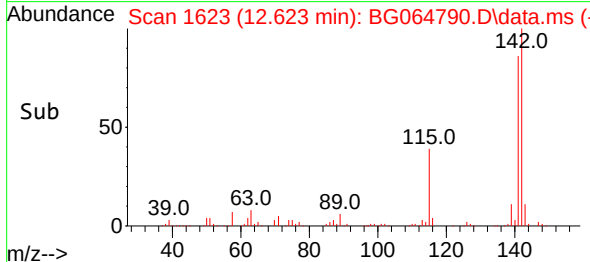
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



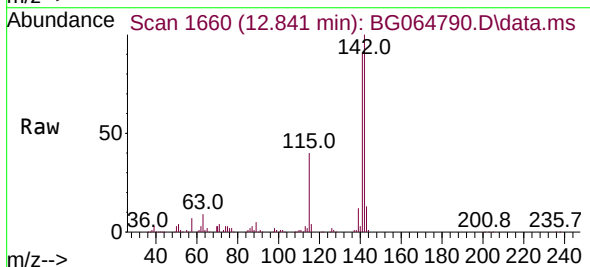
Tgt Ion:142 Resp: 236748
Ion Ratio Lower Upper
142 100
141 86.3 69.1 103.7
115 39.2 32.9 49.3

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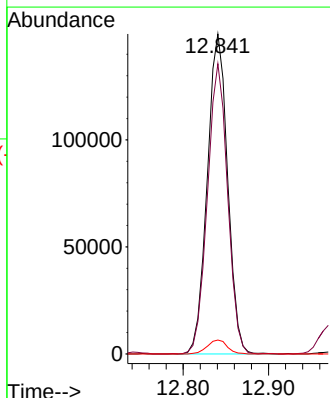
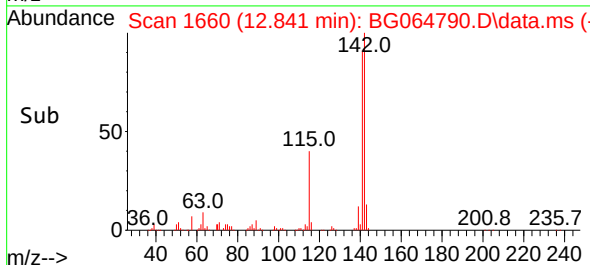
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

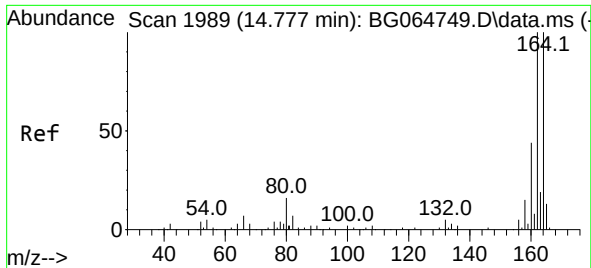


#38
1-Methylnaphthalene
Concen: 39.779 ng
RT: 12.841 min Scan# 1660
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45



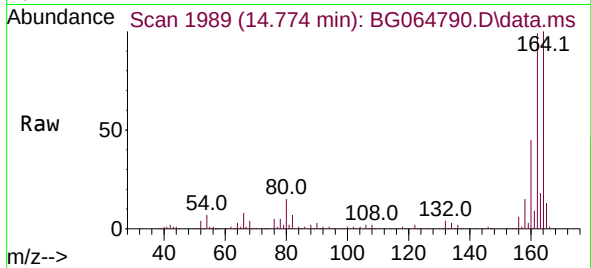
Tgt Ion:142 Resp: 247960
Ion Ratio Lower Upper
142 100
141 90.7 70.8 106.2
116 4.3 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 1989
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

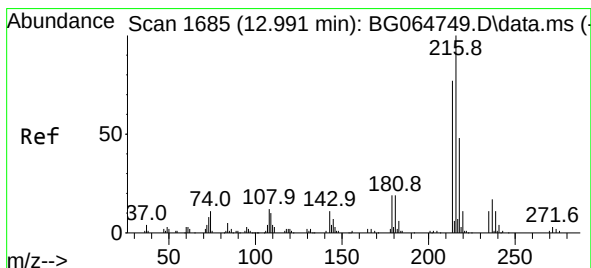
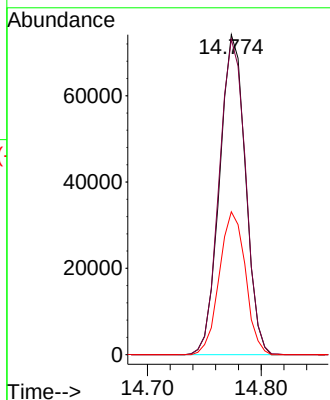
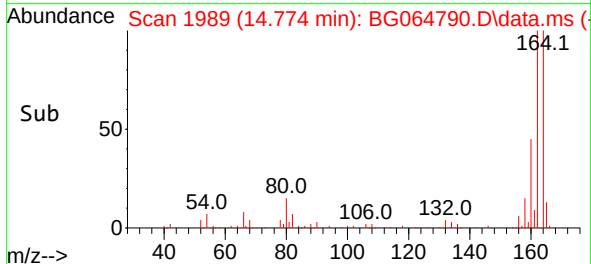
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



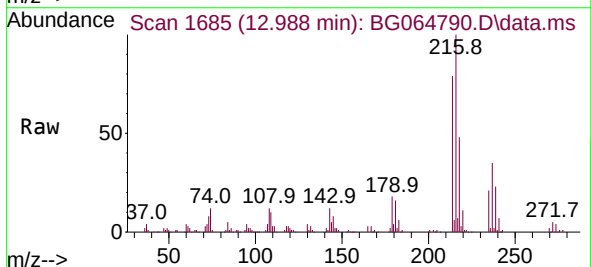
Tgt Ion:164 Resp: 11678
Ion Ratio Lower Upper
164 100
162 98.5 79.8 119.6
160 44.6 34.9 52.3

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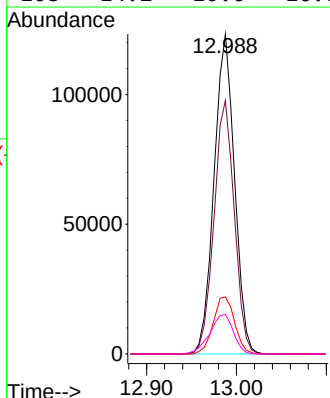
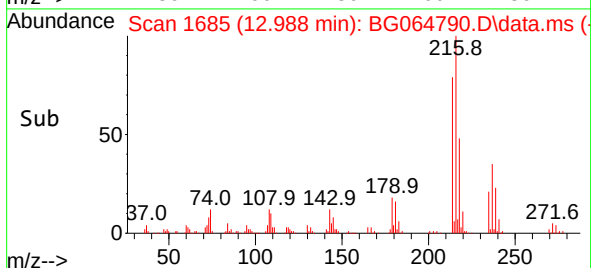
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

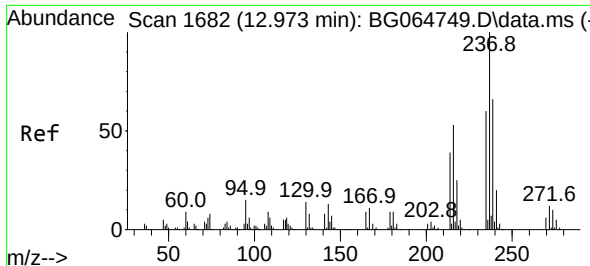


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.943 ng
RT: 12.988 min Scan# 1685
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45



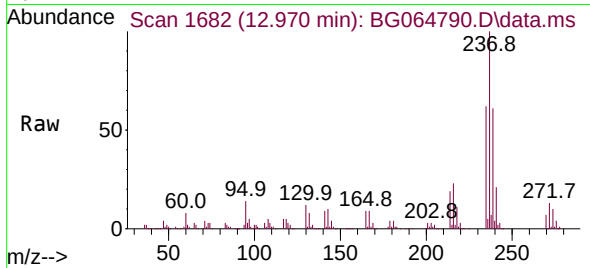
Tgt Ion:216 Resp: 195178
Ion Ratio Lower Upper
216 100
214 78.5 60.5 90.7
179 18.5 14.7 22.1
108 14.2 10.6 16.0





#41
Hexachlorocyclopentadiene
Concen: 76.018 ng
RT: 12.970 min Scan# 1682
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

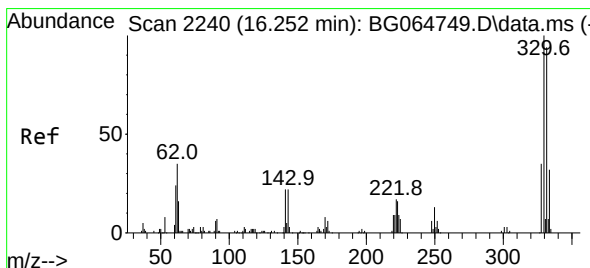
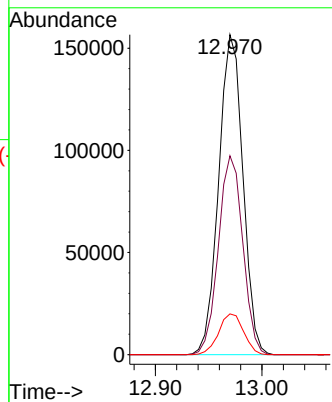
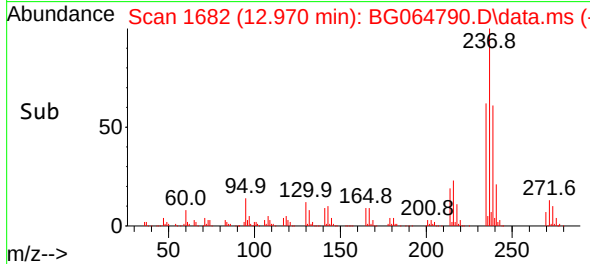
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



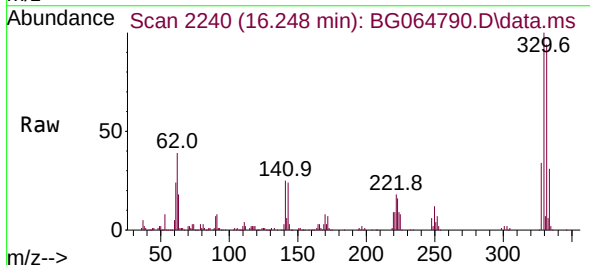
Tgt Ion:237 Resp: 247648
Ion Ratio Lower Upper
237 100
235 62.1 40.2 80.2
272 12.7 0.0 31.9

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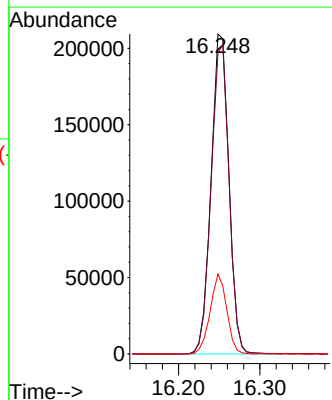
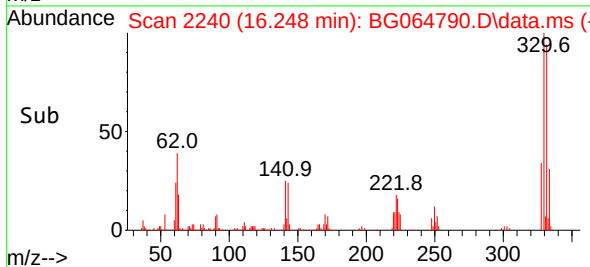
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

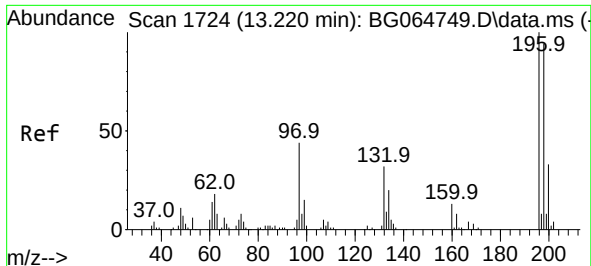


#42
2,4,6-Tribromophenol
Concen: 140.339 ng
RT: 16.248 min Scan# 2240
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45



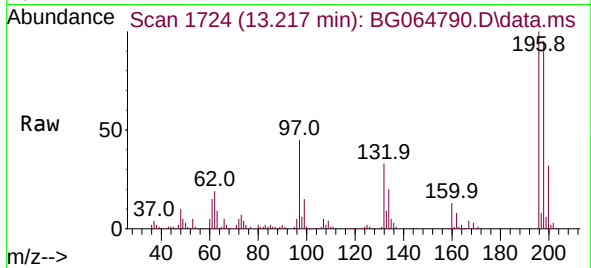
Tgt Ion:330 Resp: 319652
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 23.2 18.2 27.2





#43
2,4,6-Trichlorophenol
Concen: 47.414 ng
RT: 13.217 min Scan# 1724
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

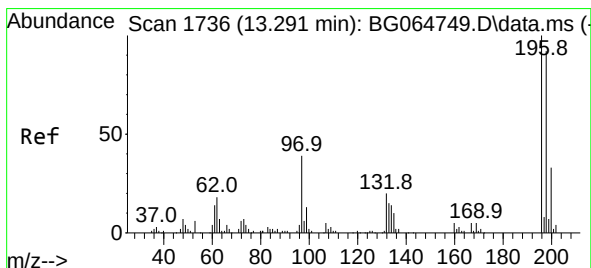
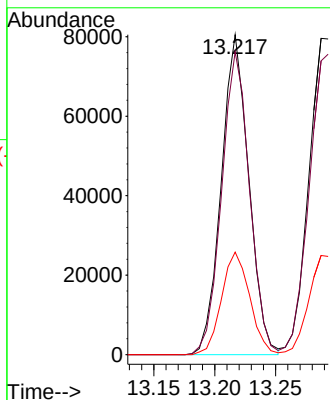
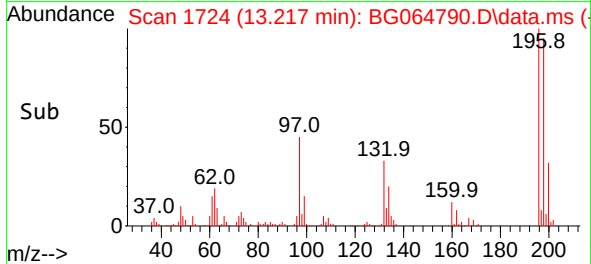
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



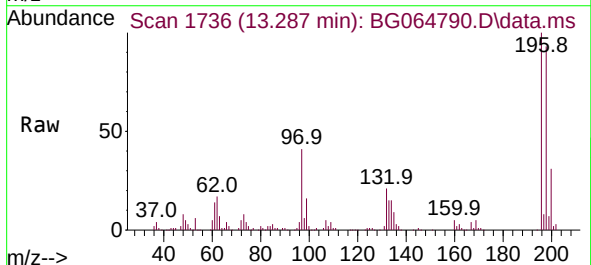
Tgt Ion:196 Resp: 126478
Ion Ratio Lower Upper
196 100
198 94.6 75.3 112.9
200 32.0 26.2 39.2

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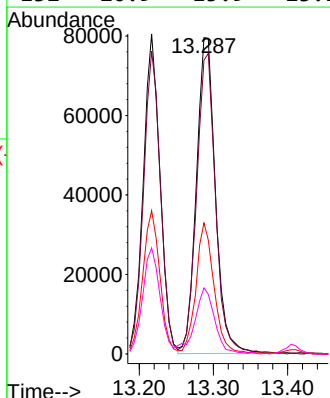
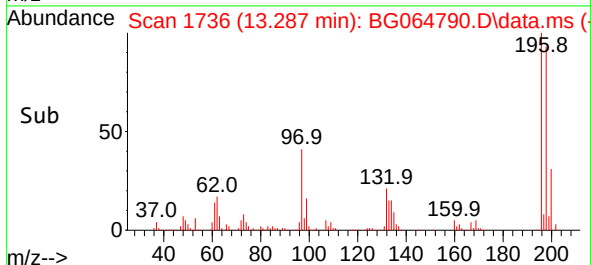
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

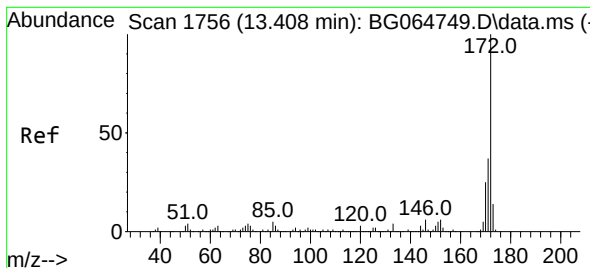


#44
2,4,5-Trichlorophenol
Concen: 47.460 ng
RT: 13.287 min Scan# 1736
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45



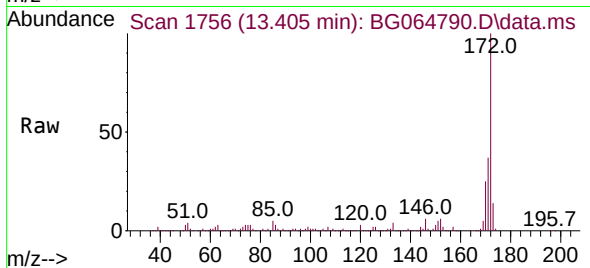
Tgt Ion:196 Resp: 141991
Ion Ratio Lower Upper
196 100
198 92.9 73.2 109.8
97 41.4 31.4 47.0
132 20.9 15.9 23.9





#45
2-Fluorobiphenyl
Concen: 87.580 ng
RT: 13.405 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

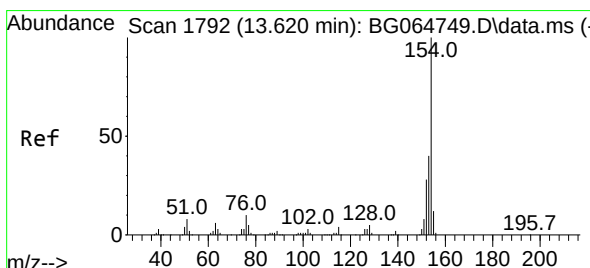
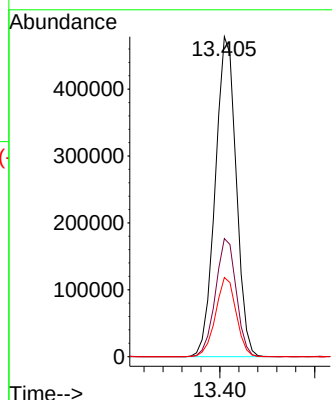
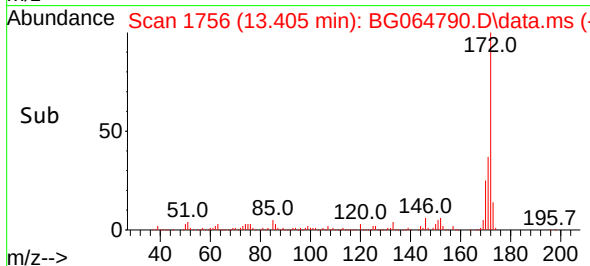
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



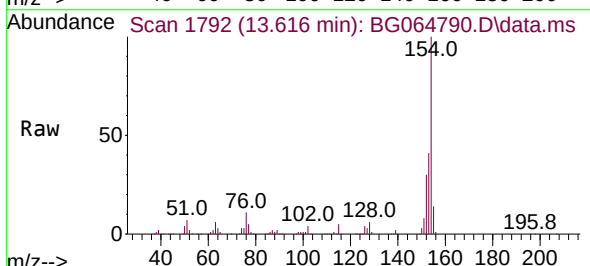
Tgt Ion:172 Resp: 733025
Ion Ratio Lower Upper
172 100
171 36.9 29.9 44.9
170 24.7 19.8 29.6

Manual Integrations
APPROVED

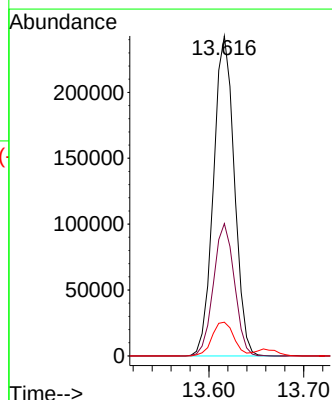
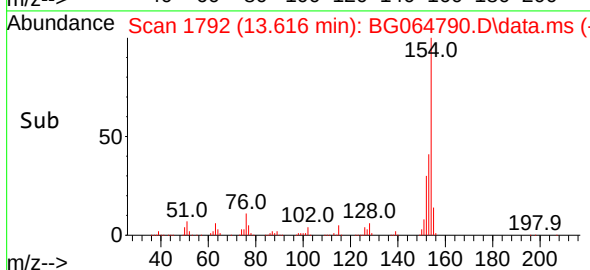
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

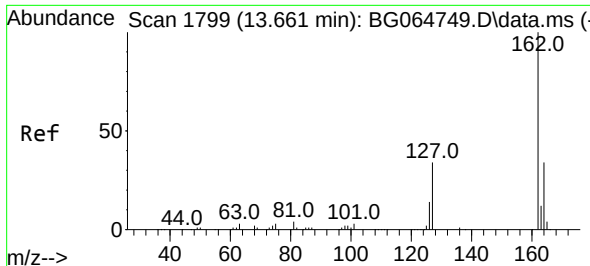


#46
1,1'-Biphenyl
Concen: 44.161 ng
RT: 13.616 min Scan# 1792
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45



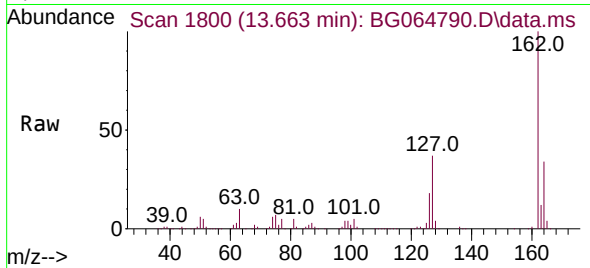
Tgt Ion:154 Resp: 370422
Ion Ratio Lower Upper
154 100
153 41.3 19.8 59.8
76 10.6 0.0 30.0





#47
2-Chloronaphthalene
Concen: 44.017 ng
RT: 13.663 min Scan# 1800
Delta R.T. 0.002 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

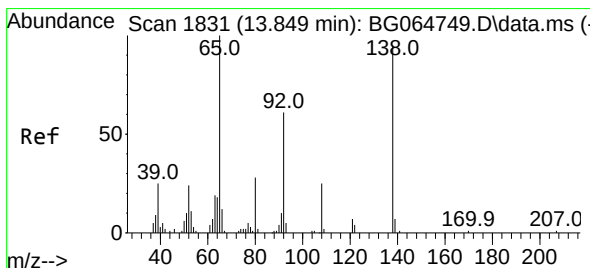
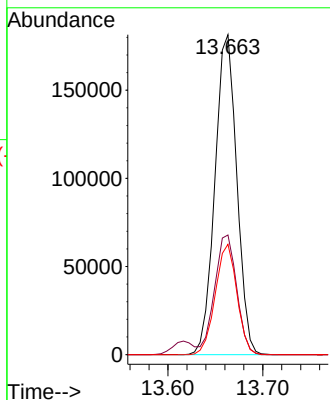
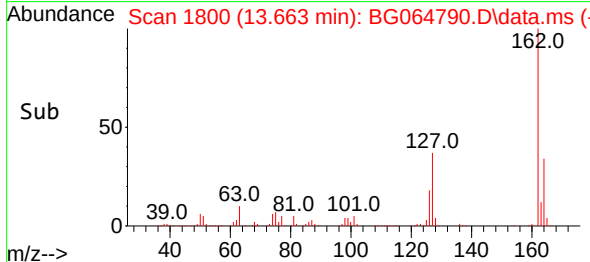
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion:162 Resp: 290879
Ion Ratio Lower Upper
162 100
127 37.4 30.3 45.5
164 34.5 26.8 40.2

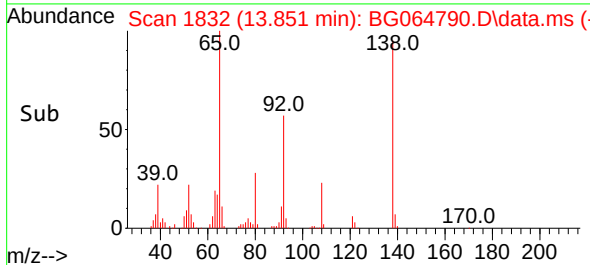
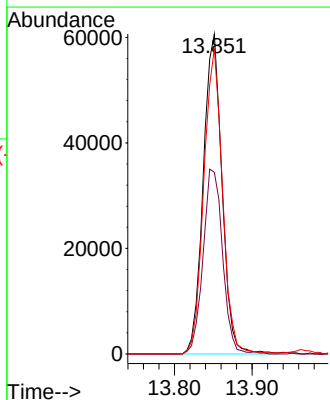
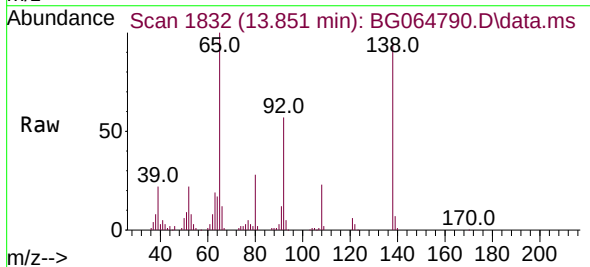
Manual Integrations
APPROVED

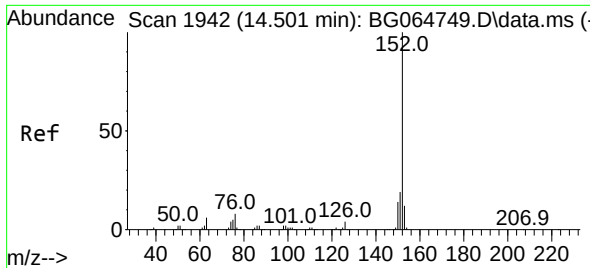
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#48
2-Nitroaniline
Concen: 47.866 ng
RT: 13.851 min Scan# 1832
Delta R.T. 0.002 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

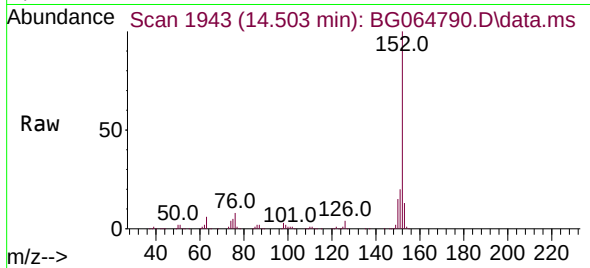
Tgt Ion: 65 Resp: 101739
Ion Ratio Lower Upper
65 100
92 56.7 48.6 73.0
138 95.4 76.4 114.6





#49
Acenaphthylene
Concen: 44.401 ng
RT: 14.503 min Scan# 1943
Delta R.T. 0.002 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

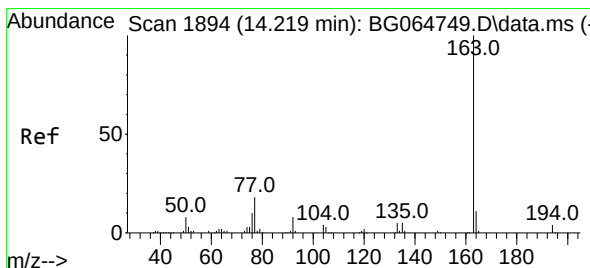
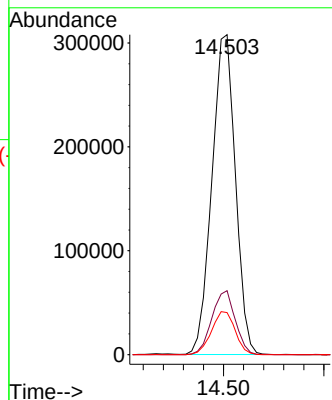
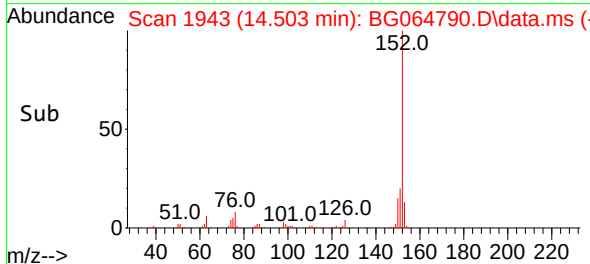
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



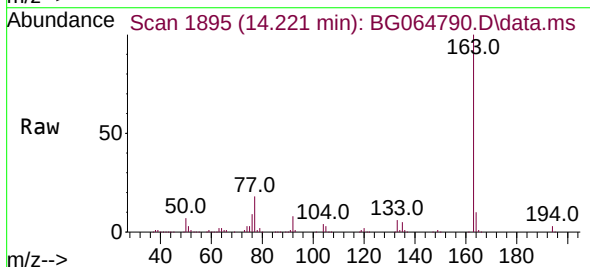
Tgt Ion:152 Resp: 501269
Ion Ratio Lower Upper
152 100
151 20.0 15.0 22.4
153 13.1 9.9 14.9

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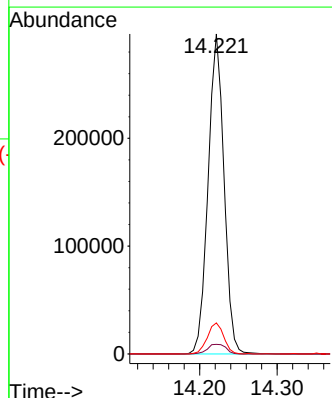
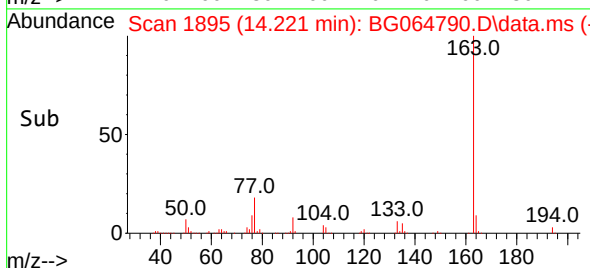
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

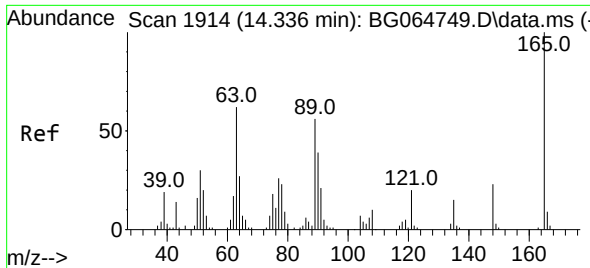


#50
Dimethylphthalate
Concen: 45.754 ng
RT: 14.221 min Scan# 1895
Delta R.T. 0.002 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45



Tgt Ion:163 Resp: 422096
Ion Ratio Lower Upper
163 100
194 3.0 3.1 4.7#
164 9.7 8.6 12.8





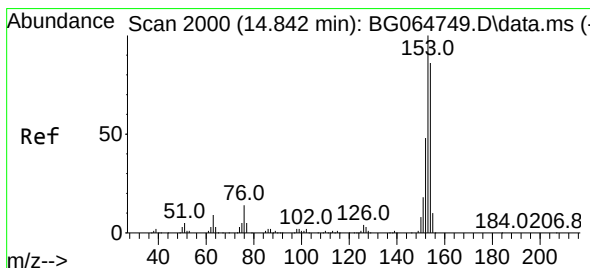
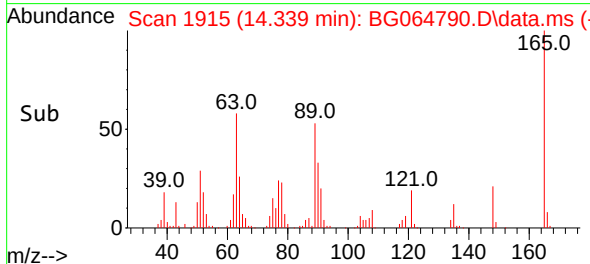
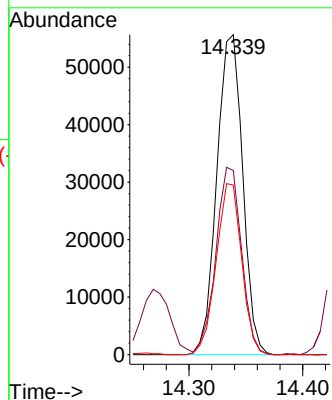
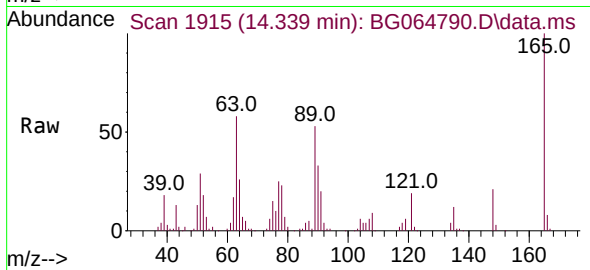
#51
2,6-Dinitrotoluene
Concen: 49.535 ng
RT: 14.339 min Scan# 1914
Delta R.T. 0.002 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

Instrument :
BNA_G
ClientSampleId :
TP-5MSD

Tgt Ion:165 Resp: 87935
Ion Ratio Lower Upper
165 100
63 57.5 49.8 74.8
89 53.0 45.0 67.4

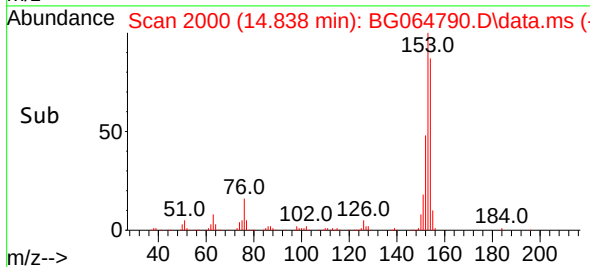
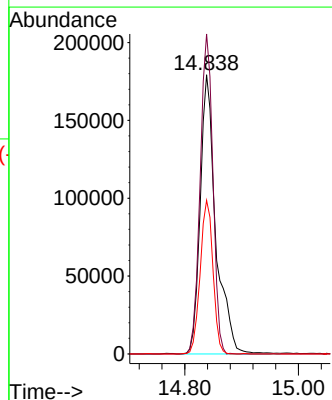
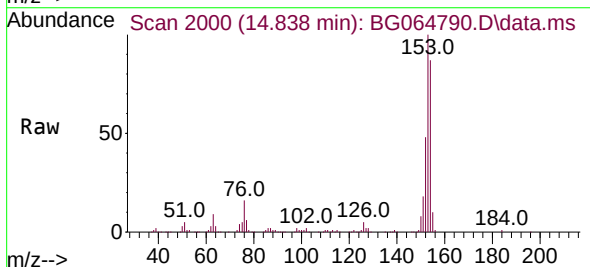
Manual Integrations
APPROVED

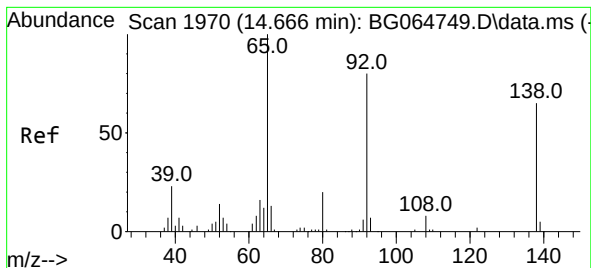
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#52
Acenaphthene
Concen: 50.552 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

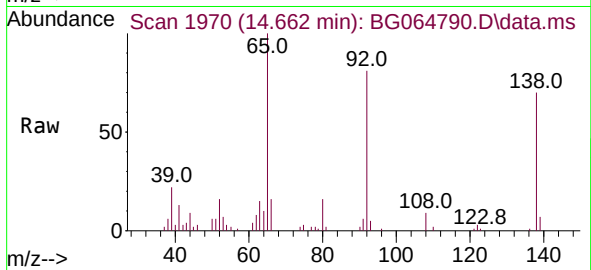
Tgt Ion:154 Resp: 342193
Ion Ratio Lower Upper
154 100
153 114.6 93.0 139.4
152 55.0 44.4 66.6





#53
3-Nitroaniline
Concen: 8.353 ng
RT: 14.662 min Scan# 1970
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

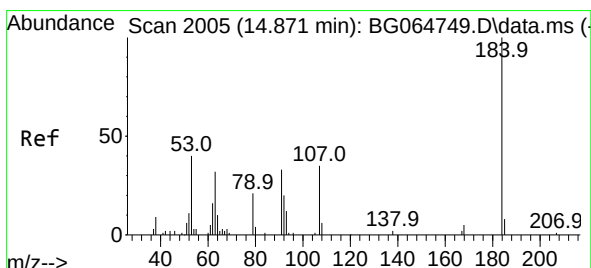
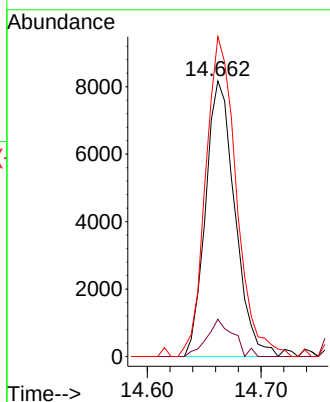
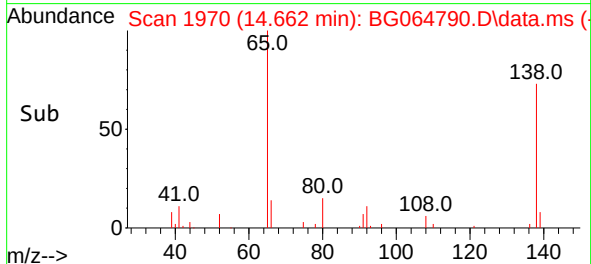
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



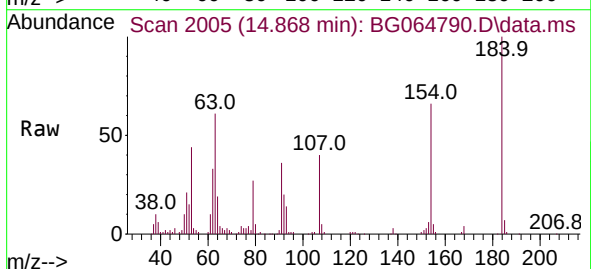
Tgt Ion:138 Resp: 14635
Ion Ratio Lower Upper
138 100
108 13.6 9.5 14.3
92 116.1 99.0 148.4

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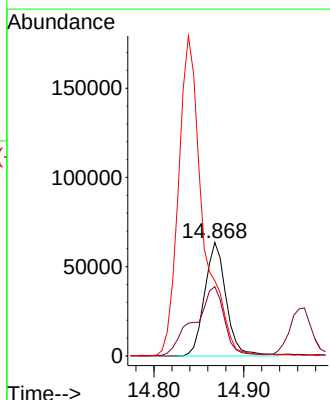
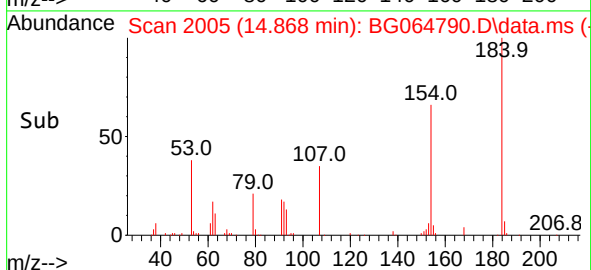
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

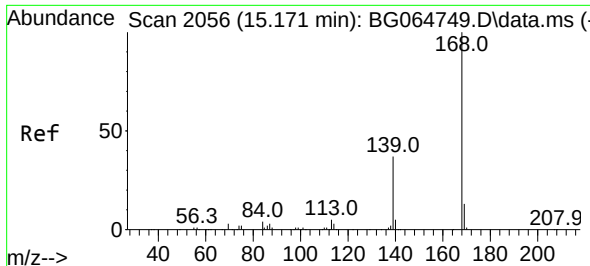


#54
2,4-Dinitrophenol
Concen: 86.219 ng
RT: 14.868 min Scan# 2005
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45



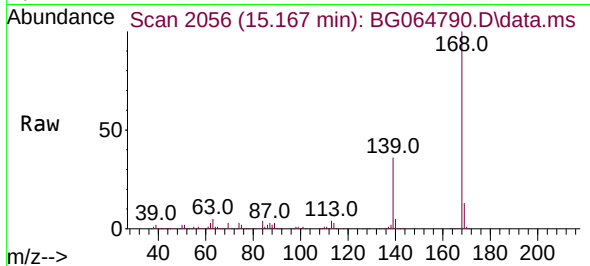
Tgt Ion:184 Resp: 105753
Ion Ratio Lower Upper
184 100
63 61.0 45.8 68.6
154 66.3 52.6 78.8





#55
Dibenzofuran
Concen: 44.658 ng
RT: 15.167 min Scan# 2056
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

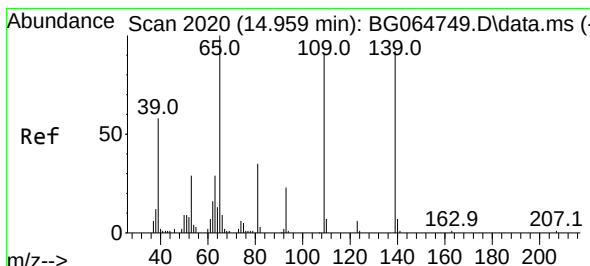
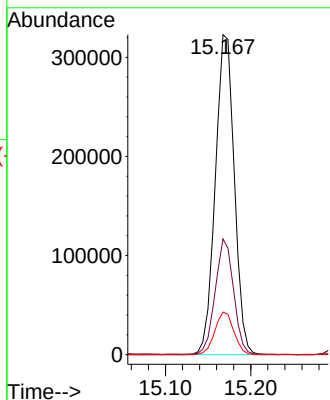
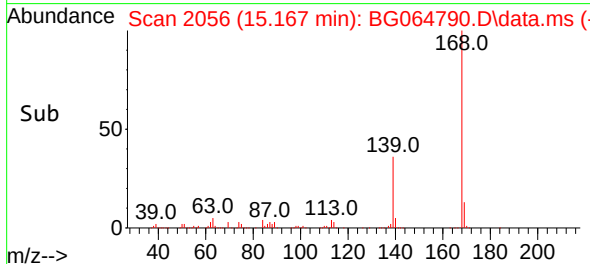
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



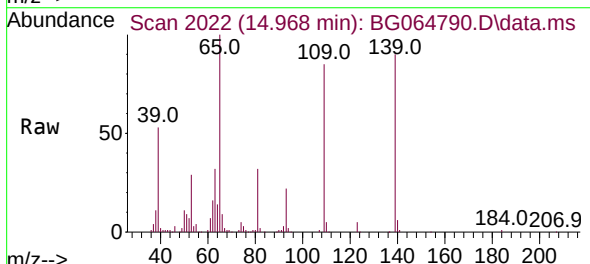
Tgt Ion:168 Resp: 499765
Ion Ratio Lower Upper
168 100
139 36.2 29.5 44.3
169 13.3 10.4 15.6

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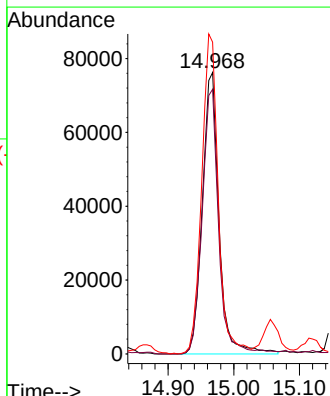
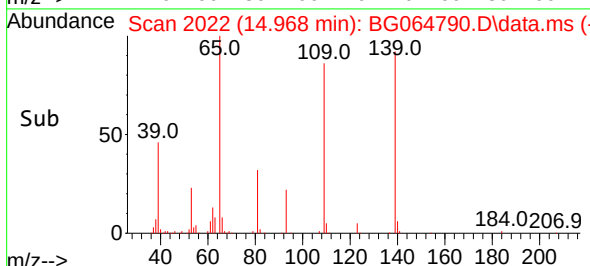
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

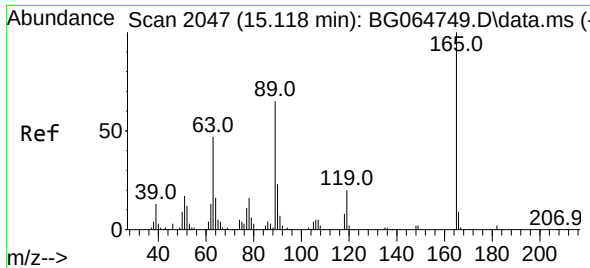


#56
4-Nitrophenol
Concen: 96.420 ng
RT: 14.968 min Scan# 2022
Delta R.T. 0.008 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45



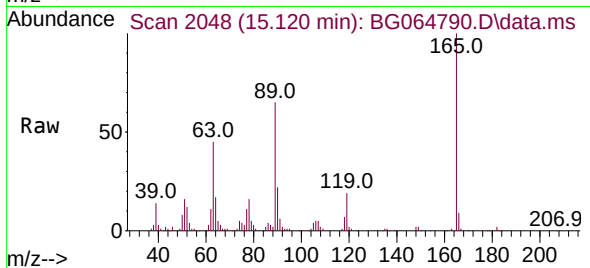
Tgt Ion:139 Resp: 134034
Ion Ratio Lower Upper
139 100
109 94.0 79.7 119.7
65 110.8 89.9 129.9





#57
2,4-Dinitrotoluene
Concen: 48.505 ng
RT: 15.120 min Scan# 2048
Delta R.T. 0.002 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

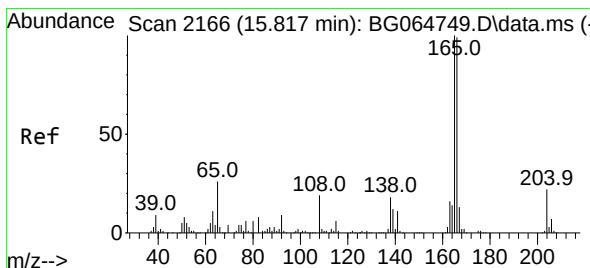
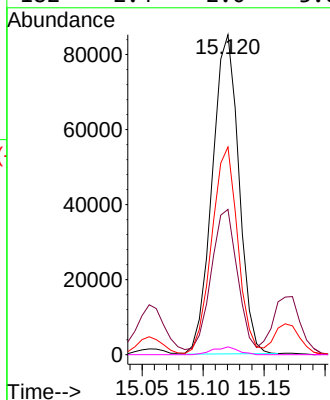
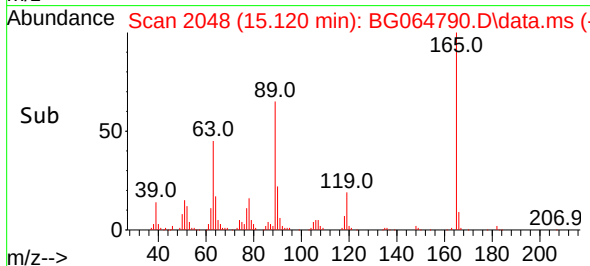
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



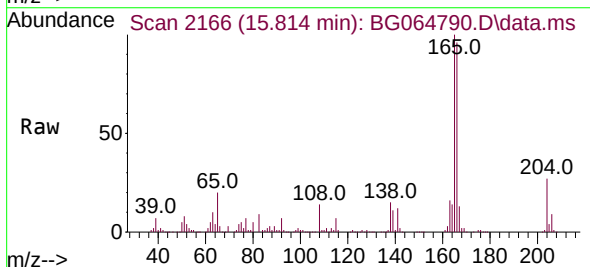
Tgt Ion:165 Resp: 129090
Ion Ratio Lower Upper
165 100
63 45.4 37.8 56.6
89 64.9 51.6 77.4
182 2.4 2.0 3.0

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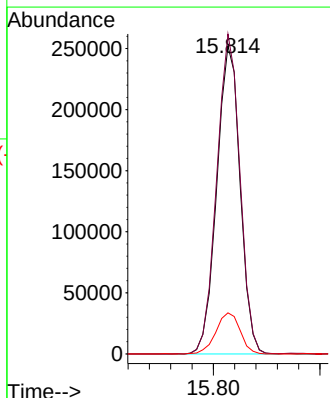
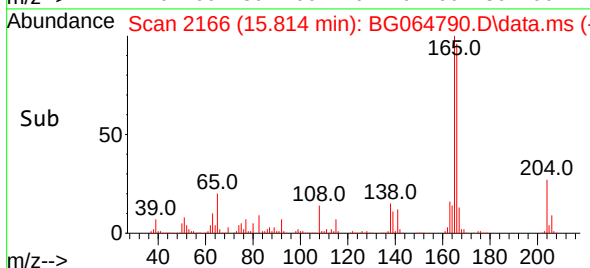
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

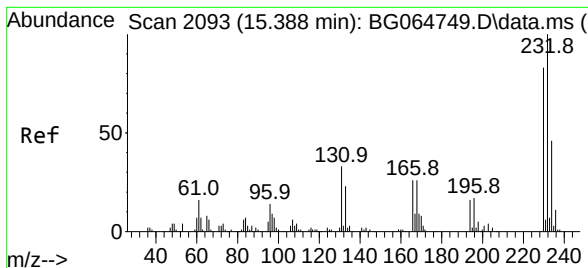


#58
Fluorene
Concen: 43.645 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45



Tgt Ion:166 Resp: 383077
Ion Ratio Lower Upper
166 100
165 103.9 80.5 120.7
167 13.3 10.3 15.5





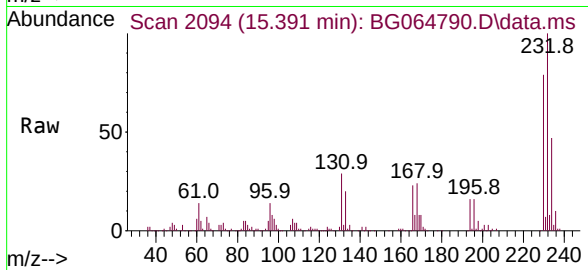
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.704 ng
RT: 15.391 min Scan# 2094
Delta R.T. 0.002 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

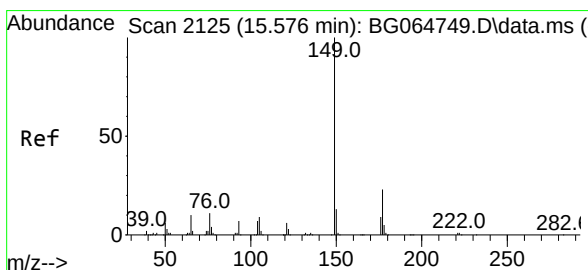
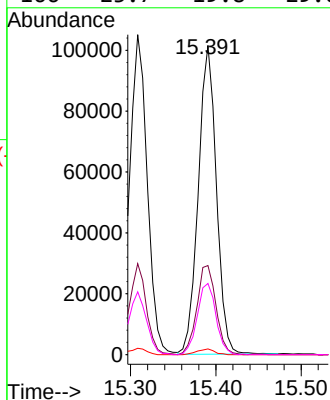
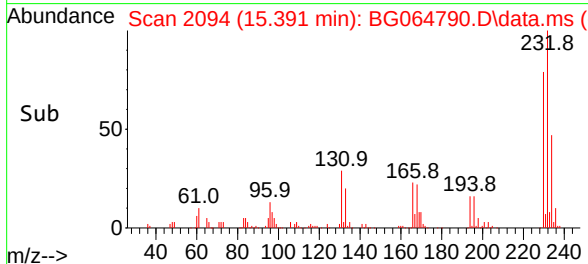


Tgt Ion:232 Resp: 149673
Ion Ratio Lower Upper
232 100
131 30.4 26.0 39.0
130 1.7 1.6 2.4
166 23.7 19.8 29.6

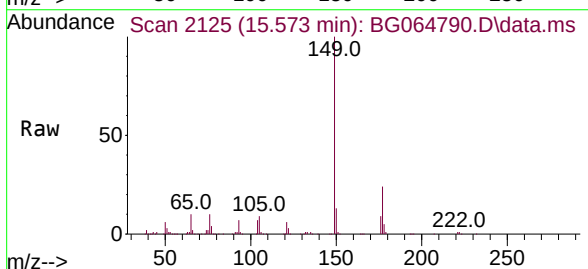
Manual Integrations

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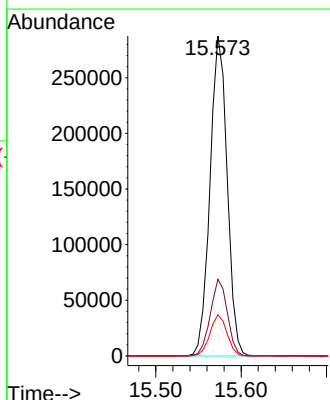
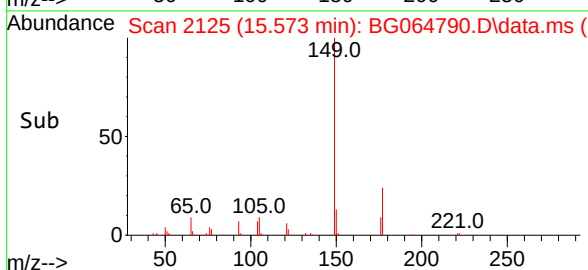
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

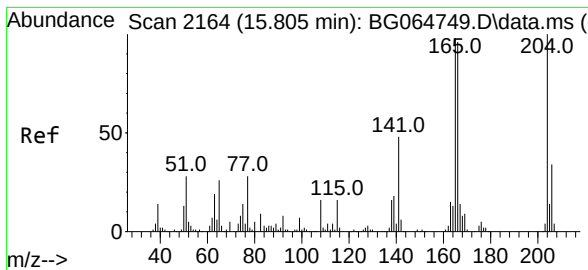


#60
Diethylphthalate
Concen: 45.430 ng
RT: 15.573 min Scan# 2125
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45



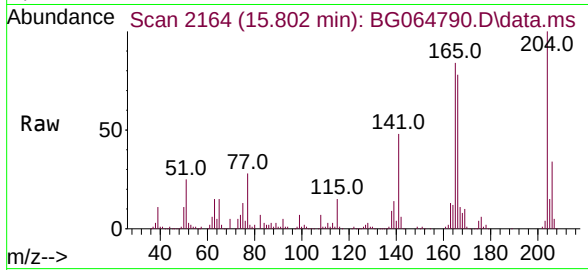
Tgt Ion:149 Resp: 401488
Ion Ratio Lower Upper
149 100
177 23.9 18.4 27.6
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.689 ng
RT: 15.802 min Scan# 2164
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

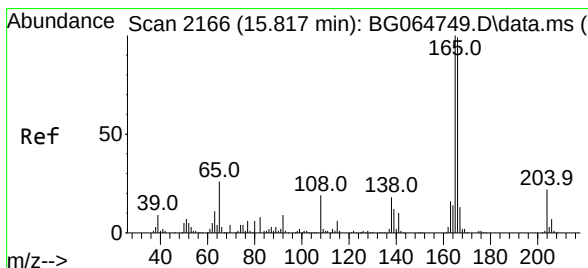
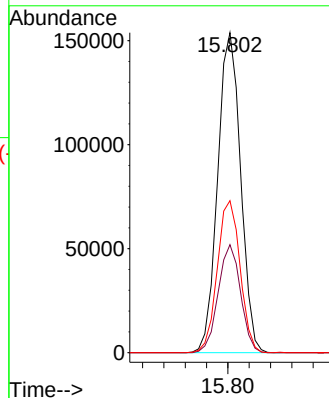
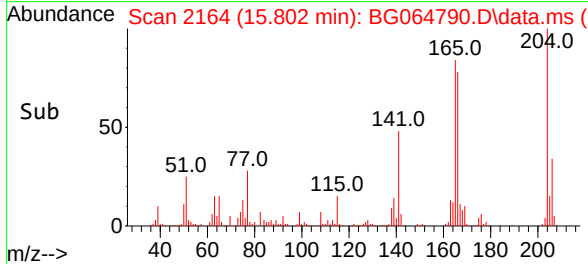
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



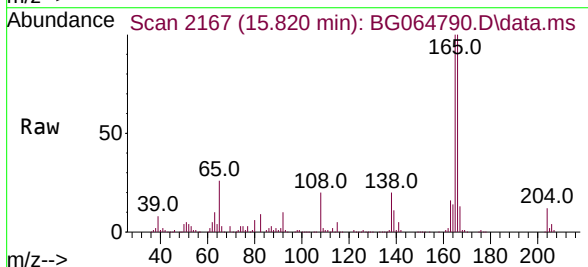
Tgt Ion:204 Resp: 230129
Ion Ratio Lower Upper
204 100
206 33.7 26.9 40.3
141 47.5 38.1 57.1

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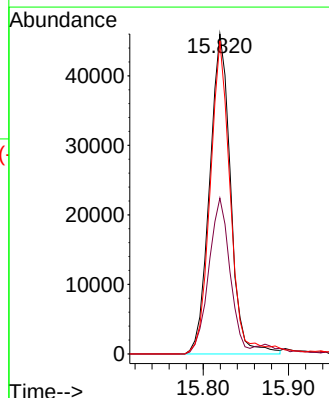
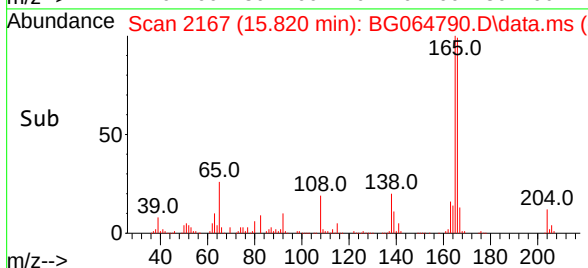
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

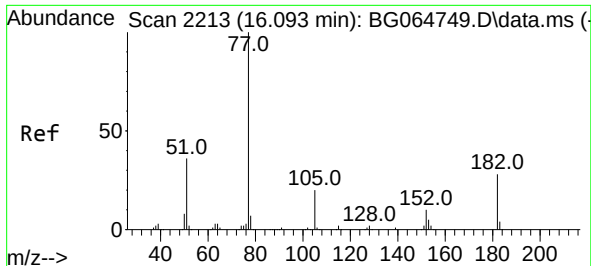


#62
4-Nitroaniline
Concen: 43.048 ng
RT: 15.820 min Scan# 2167
Delta R.T. 0.002 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45



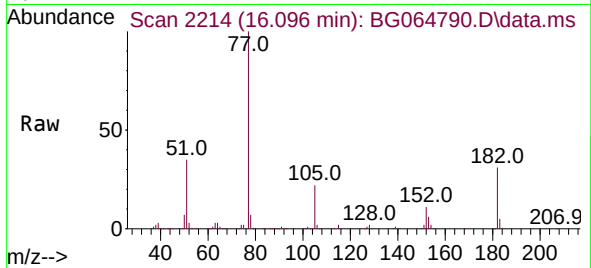
Tgt Ion:138 Resp: 78137
Ion Ratio Lower Upper
138 100
92 48.7 30.7 70.7
108 97.8 85.7 125.7





#63
Azobenzene
Concen: 45.165 ng
RT: 16.096 min Scan# 2213
Delta R.T. 0.002 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

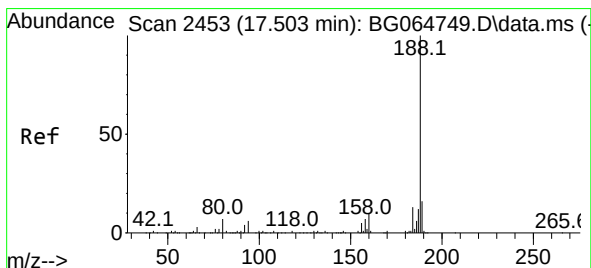
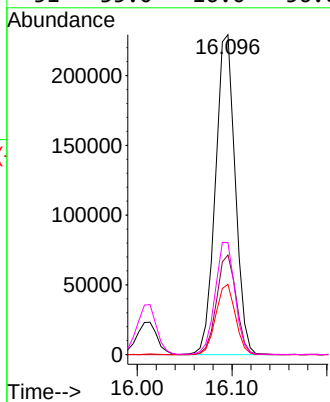
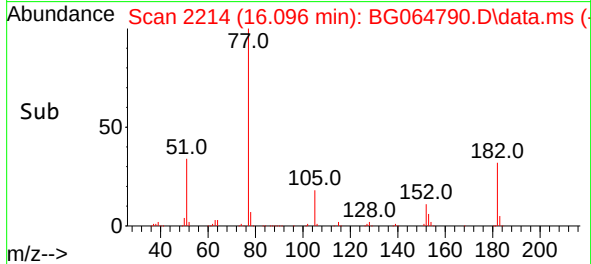
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



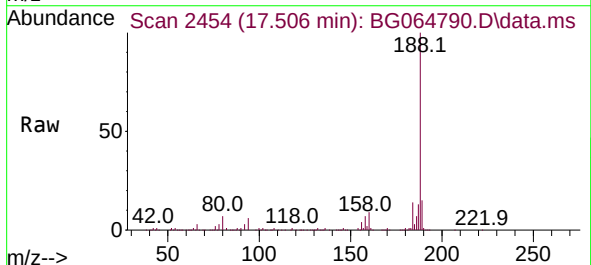
Tgt Ion: 77 Resp: 331994
Ion Ratio Lower Upper
77 100
182 31.1 8.1 48.1
105 22.0 0.1 40.1
51 35.0 16.0 56.0

Manual Integrations
APPROVED

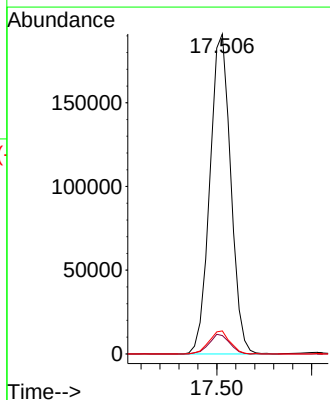
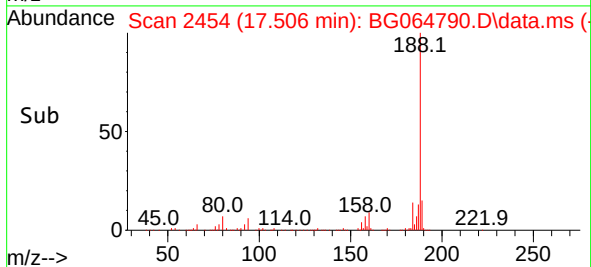
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

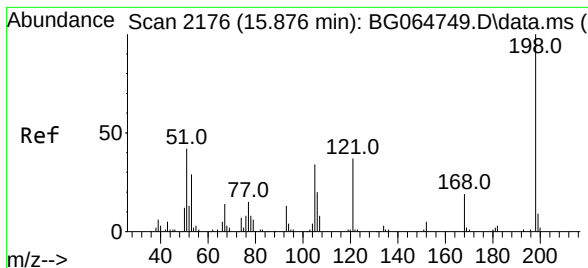


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.506 min Scan# 2454
Delta R.T. 0.002 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45



Tgt Ion:188 Resp: 291949
Ion Ratio Lower Upper
188 100
94 5.7 4.7 7.1
80 7.2 5.4 8.2





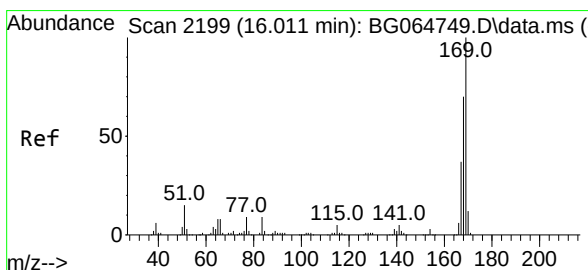
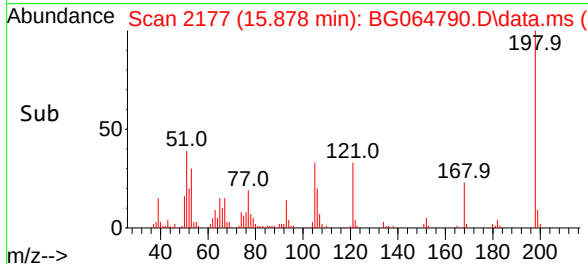
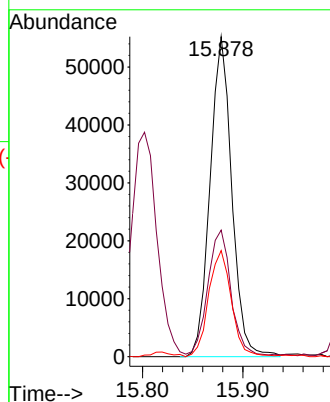
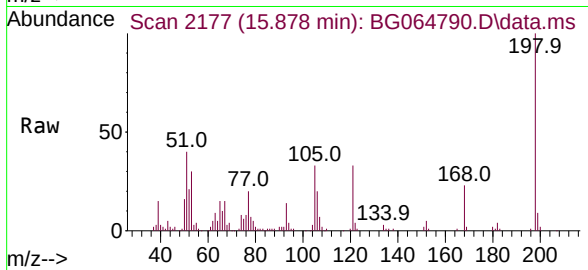
#65
4,6-Dinitro-2-methylphenol
Concen: 51.336 ng
RT: 15.878 min Scan# 2176
Delta R.T. 0.002 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

Instrument :
BNA_G
ClientSampleId :
TP-5MSD

Tgt Ion:198 Resp: 83214
Ion Ratio Lower Upper
198 100
51 39.5 25.2 65.2
105 33.1 14.2 54.2

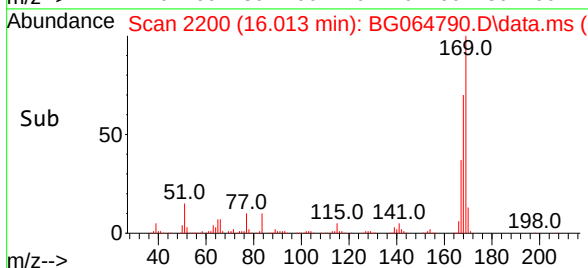
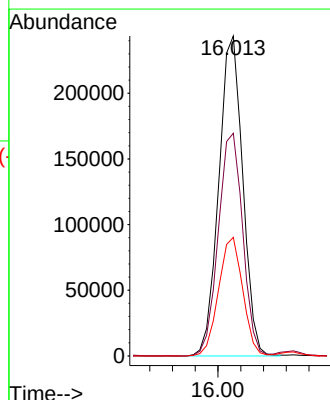
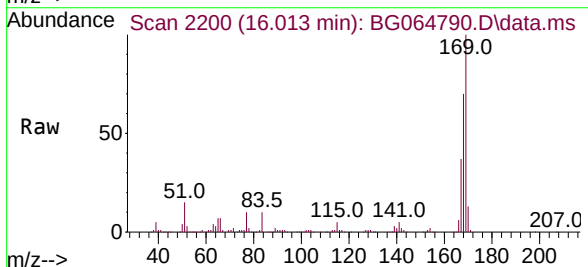
Manual Integrations
APPROVED

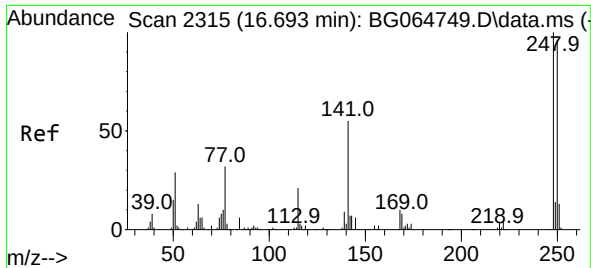
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#66
n-Nitrosodiphenylamine
Concen: 46.572 ng
RT: 16.013 min Scan# 2200
Delta R.T. 0.002 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

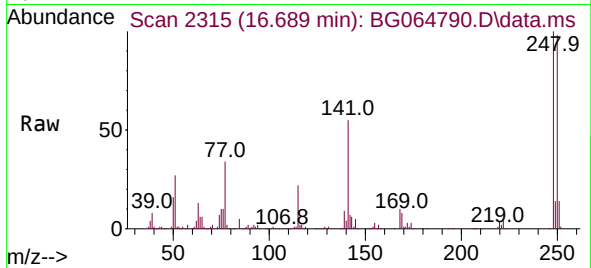
Tgt Ion:169 Resp: 356141
Ion Ratio Lower Upper
169 100
168 69.6 55.9 83.9
167 37.0 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 46.211 ng
RT: 16.689 min Scan# 2315
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

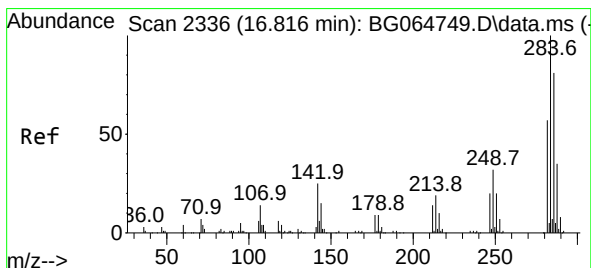
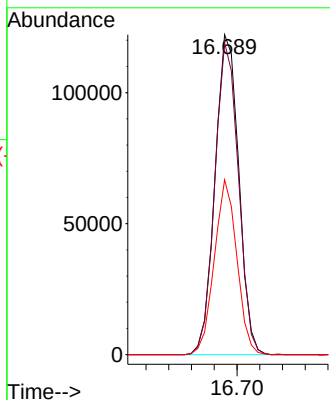
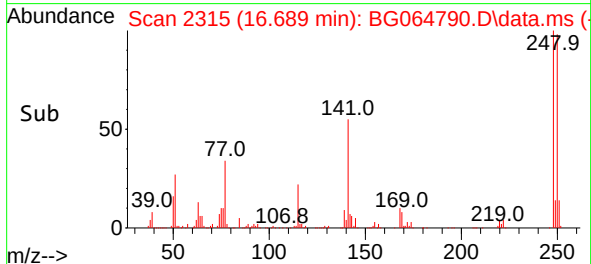
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



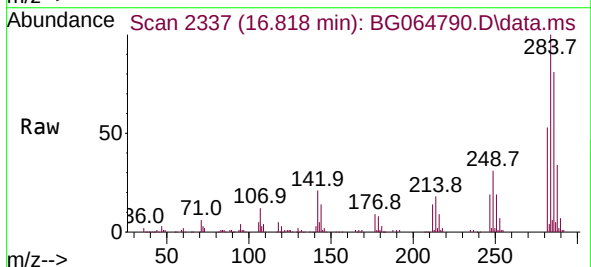
Tgt Ion:248 Resp: 177170
Ion Ratio Lower Upper
248 100
250 97.5 77.0 115.6
141 54.6 43.7 65.5

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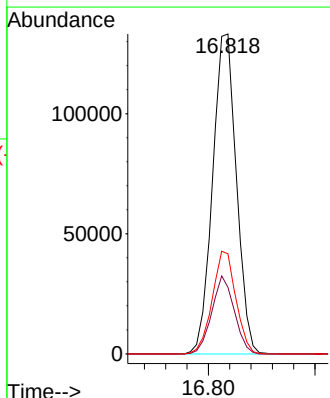
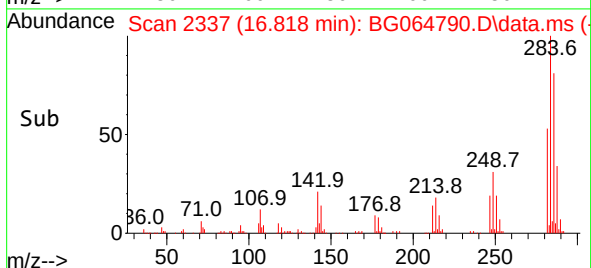
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

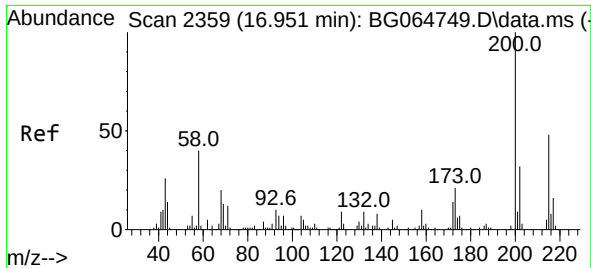


#68
Hexachlorobenzene
Concen: 44.487 ng
RT: 16.818 min Scan# 2337
Delta R.T. 0.002 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45



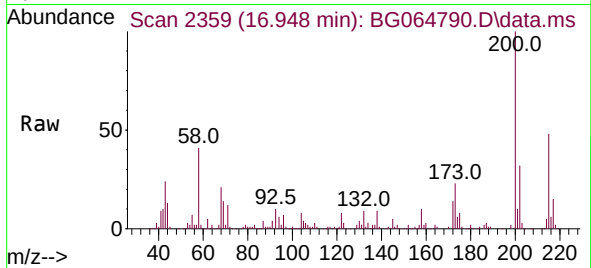
Tgt Ion:284 Resp: 206644
Ion Ratio Lower Upper
284 100
142 20.8 19.7 29.5
249 33.7 28.1 42.1





#69
 Atrazine
 Concen: 47.056 ng
 RT: 16.948 min Scan# 2359
 Delta R.T. -0.003 min
 Lab File: BG064790.D
 Acq: 17 Nov 2025 18:45

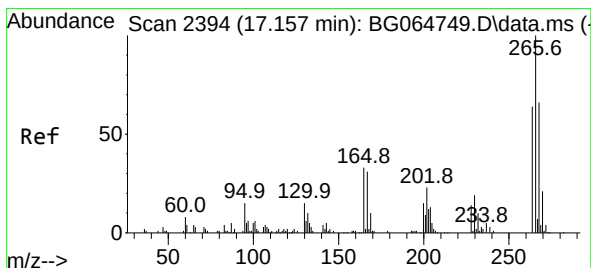
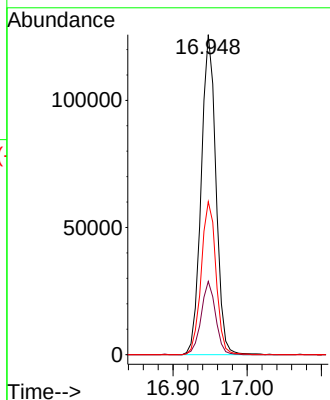
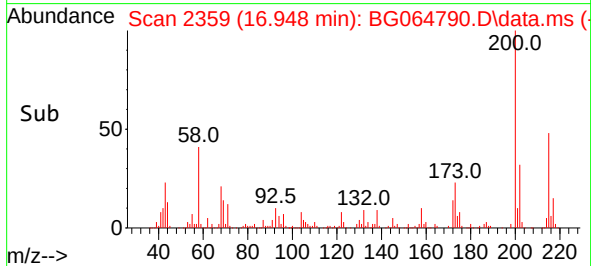
Instrument :
 BNA_G
 ClientSampleId :
 TP-5MSD



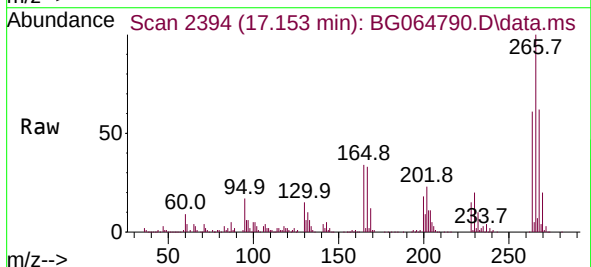
Tgt Ion:200 Resp: 173494
 Ion Ratio Lower Upper
 200 100
 173 22.9 0.9 40.9
 215 47.8 27.5 67.5

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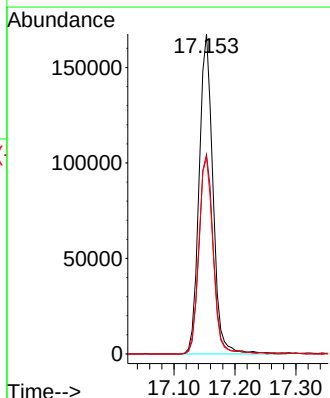
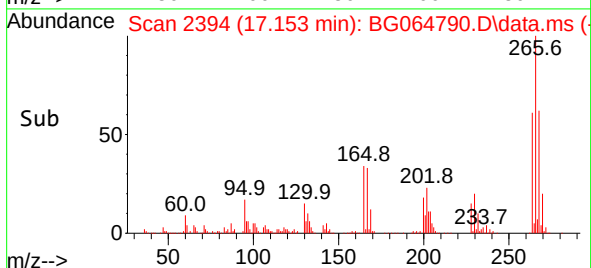
Reviewed By :Jagrut Upadhyay 11/18/2025
 Supervised By :Sohil Jodhani 11/18/2025

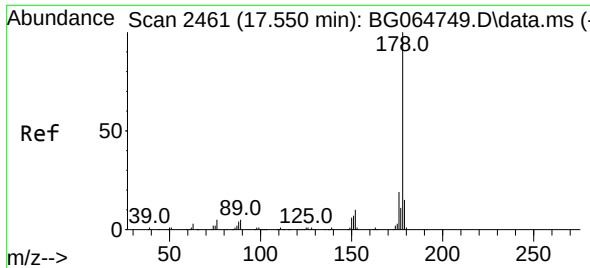


#70
 Pentachlorophenol
 Concen: 94.493 ng
 RT: 17.153 min Scan# 2394
 Delta R.T. -0.004 min
 Lab File: BG064790.D
 Acq: 17 Nov 2025 18:45



Tgt Ion:266 Resp: 263055
 Ion Ratio Lower Upper
 266 100
 268 62.3 56.1 84.1
 264 61.5 51.2 76.8





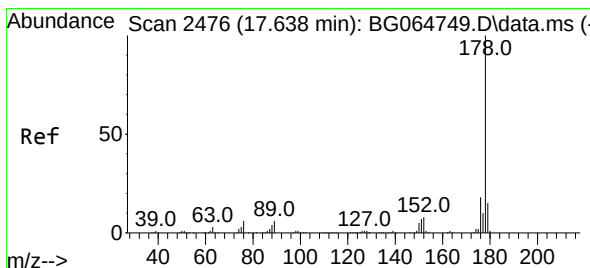
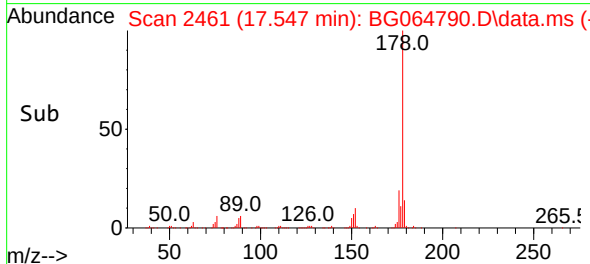
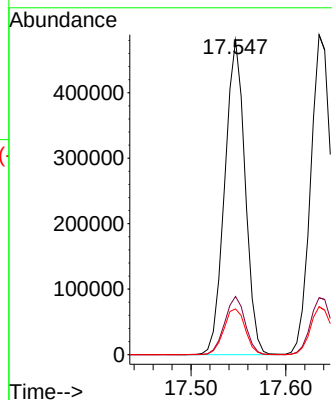
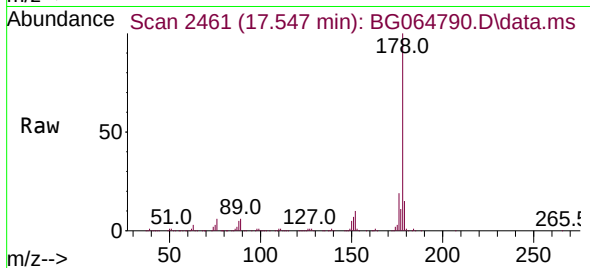
#71
Phenanthrene
Concen: 44.845 ng
RT: 17.547 min Scan# 2461
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

Instrument :
BNA_G
ClientSampleId :
TP-5MSD

Tgt Ion:178 Resp: 716335
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 14.5 12.2 18.4

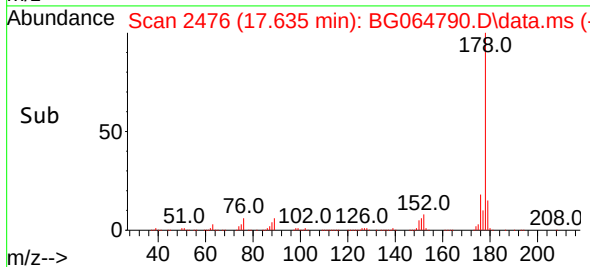
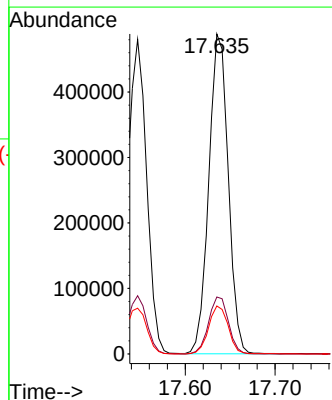
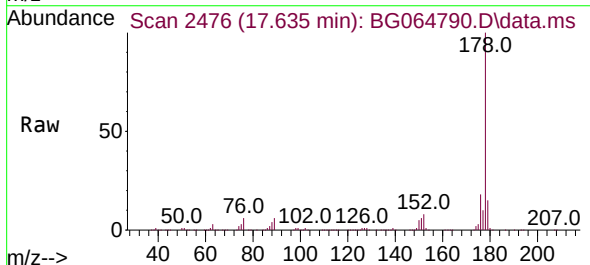
Manual Integrations
APPROVED

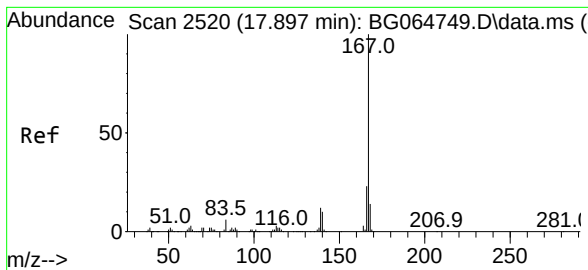
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#72
Anthracene
Concen: 45.092 ng
RT: 17.635 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

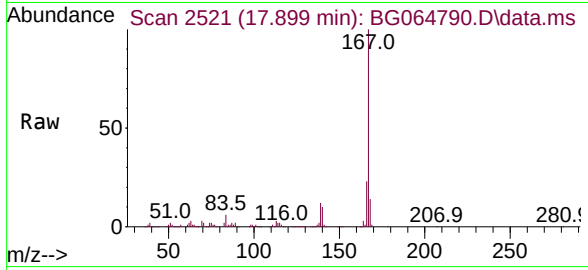
Tgt Ion:178 Resp: 734457
Ion Ratio Lower Upper
178 100
176 17.8 14.5 21.7
179 15.0 12.2 18.4





#73
 Carbazole
 Concen: 46.229 ng
 RT: 17.899 min Scan# 2520
 Delta R.T. 0.002 min
 Lab File: BG064790.D
 Acq: 17 Nov 2025 18:45

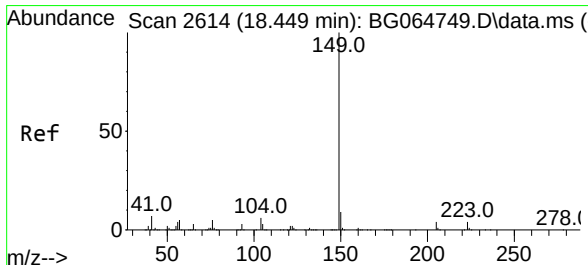
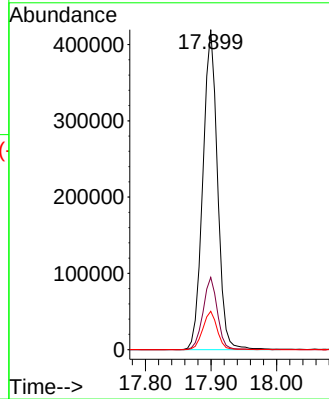
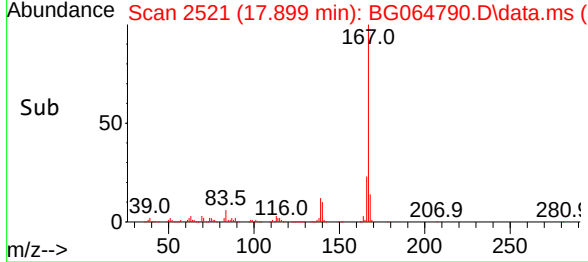
Instrument :
 BNA_G
 ClientSampleId :
 TP-5MSD



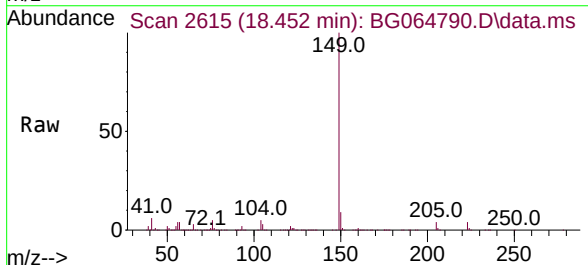
Tgt Ion:167 Resp: 647303
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.0 27.0
 139 12.0 9.7 14.5

Manual Integrations
 APPROVED

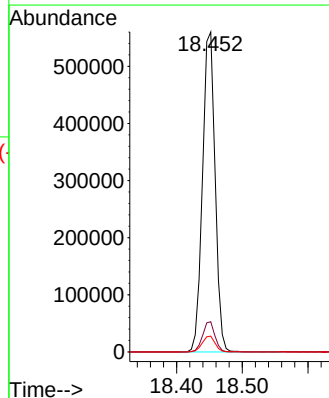
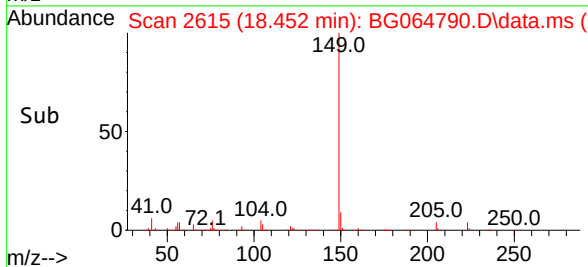
Reviewed By :Jagrut Upadhyay 11/18/2025
 Supervised By :Sohil Jodhani 11/18/2025

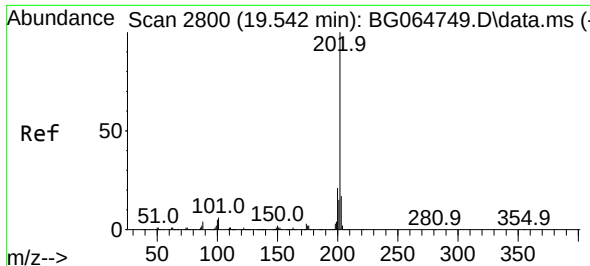


#74
 Di-n-butylphthalate
 Concen: 47.523 ng
 RT: 18.452 min Scan# 2615
 Delta R.T. 0.002 min
 Lab File: BG064790.D
 Acq: 17 Nov 2025 18:45



Tgt Ion:149 Resp: 742374
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.9 4.4 6.6





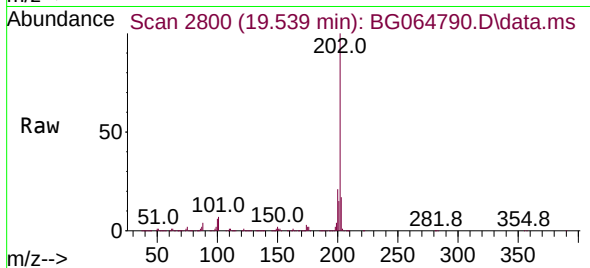
#75
Fluoranthene
Concen: 43.474 ng
RT: 19.539 min Scan# 2800
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

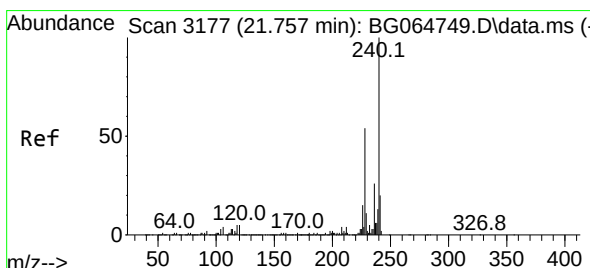
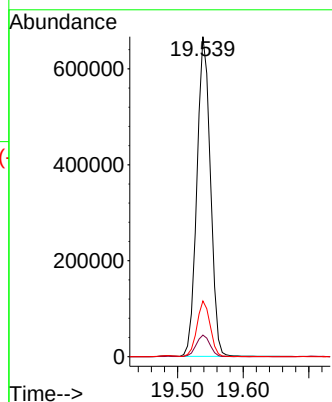
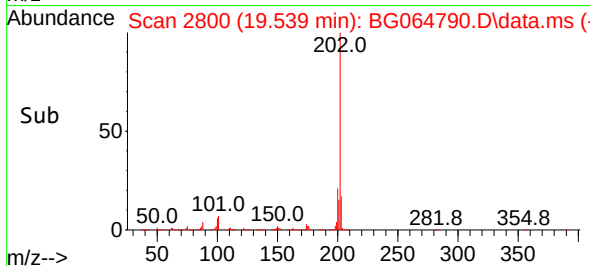


Tgt Ion:202 Resp: 949599
Ion Ratio Lower Upper
202 100
101 6.7 0.0 26.4
203 17.4 0.0 37.5

Manual Integrations

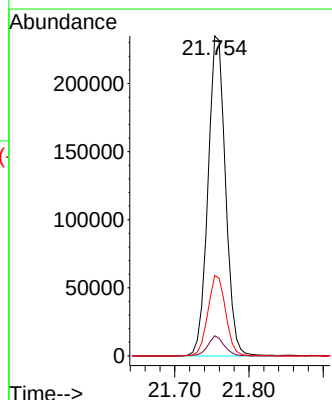
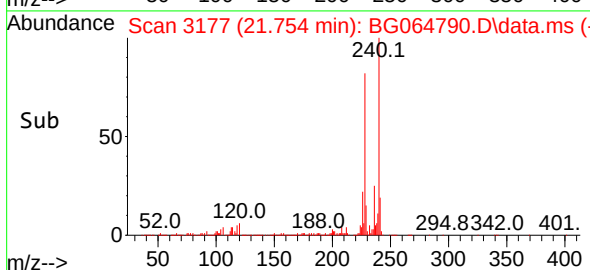
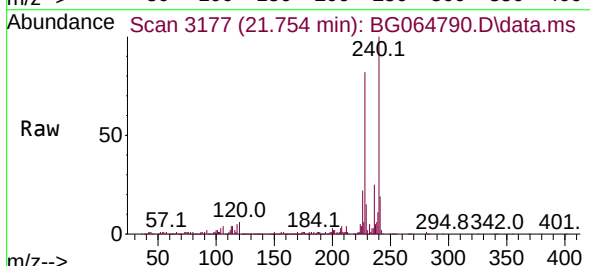
APPROVED

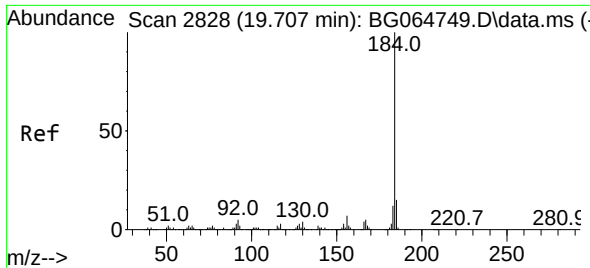
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.754 min Scan# 3177
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

Tgt Ion:240 Resp: 385333
Ion Ratio Lower Upper
240 100
120 6.3 4.2 6.4
236 25.1 20.8 31.2





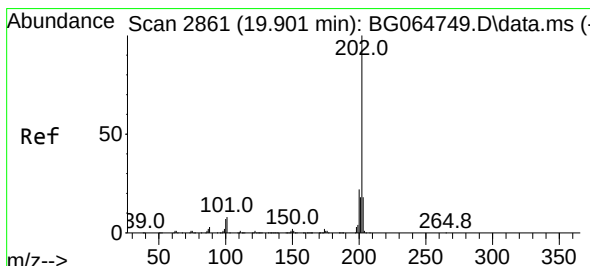
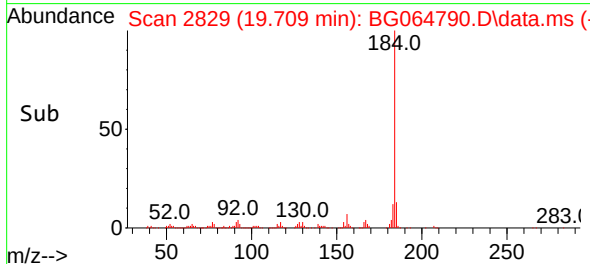
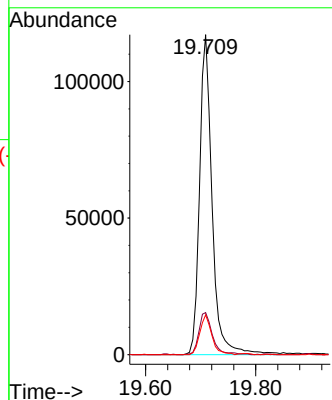
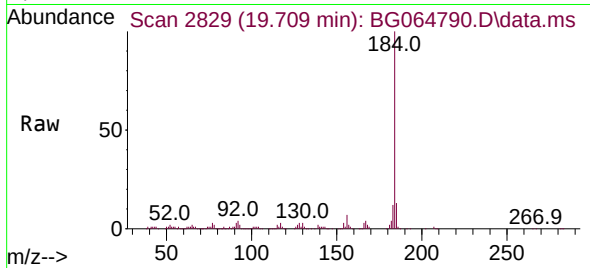
#77
Benzidine
Concen: 16.000 ng
RT: 19.709 min Scan# 2828
Delta R.T. 0.002 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

Instrument :
BNA_G
ClientSampleId :
TP-5MSD

Tgt Ion:184 Resp: 184638
Ion Ratio Lower Upper
184 100
185 13.1 11.8 17.6
183 12.4 9.8 14.6

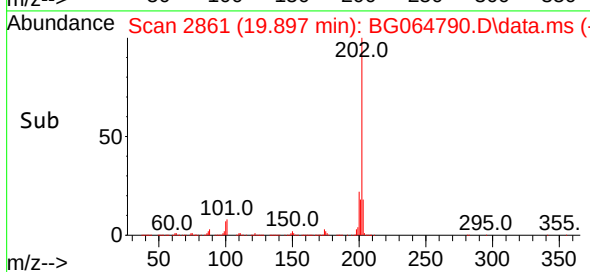
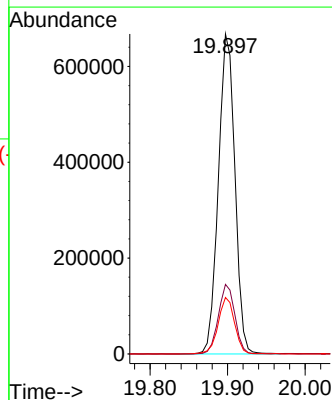
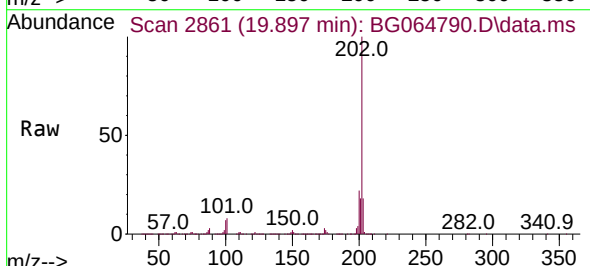
Manual Integrations
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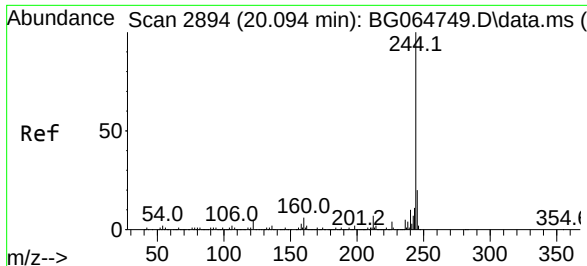
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#78
Pyrene
Concen: 45.906 ng
RT: 19.897 min Scan# 2861
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

Tgt Ion:202 Resp: 991390
Ion Ratio Lower Upper
202 100
200 21.7 17.9 26.9
203 17.6 14.0 21.0





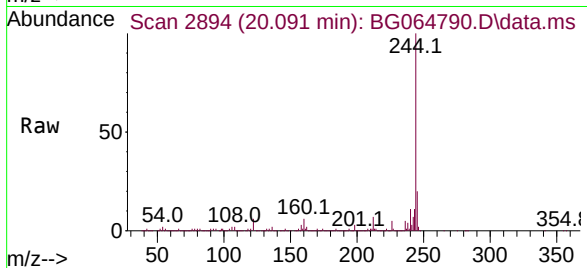
#79
 Terphenyl-d14
 Concen: 86.145 ng
 RT: 20.091 min Scan# 2894
 Delta R.T. -0.003 min
 Lab File: BG064790.D
 Acq: 17 Nov 2025 18:45

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

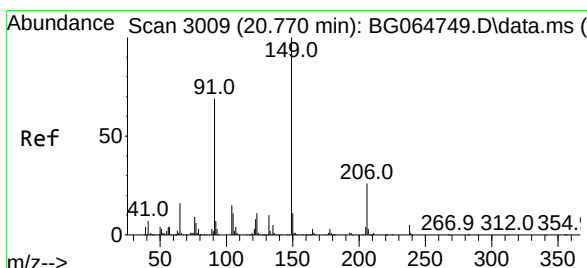
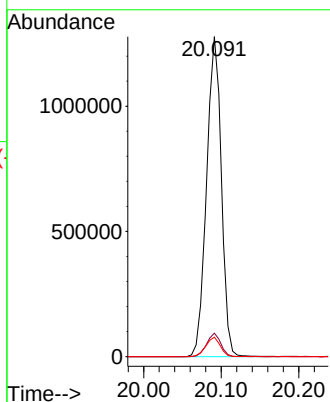
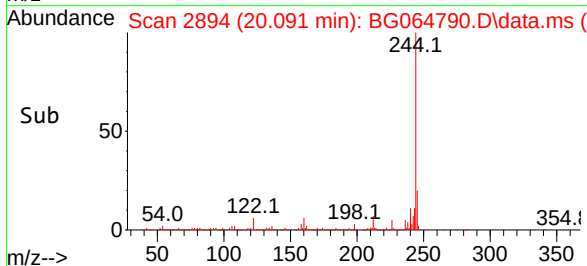


Tgt Ion:244 Resp: 1687498
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 6.1 4.3 6.5

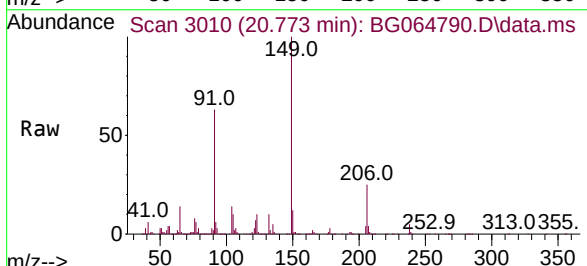
Manual Integrations

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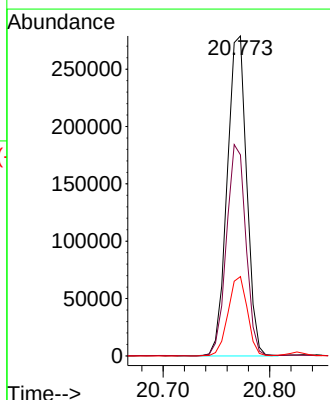
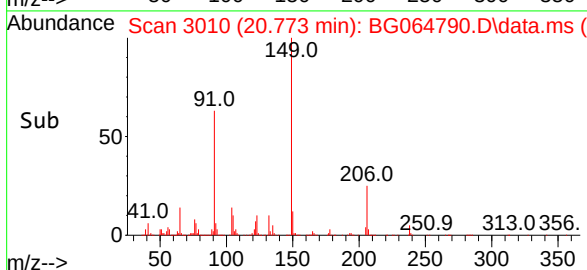
Reviewed By :Jagrut Upadhyay 11/18/2025
 Supervised By :Sohil Jodhani 11/18/2025

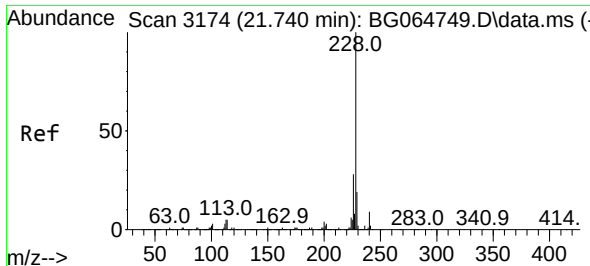


#80
 Butylbenzylphthalate
 Concen: 46.756 ng
 RT: 20.773 min Scan# 3010
 Delta R.T. 0.002 min
 Lab File: BG064790.D
 Acq: 17 Nov 2025 18:45



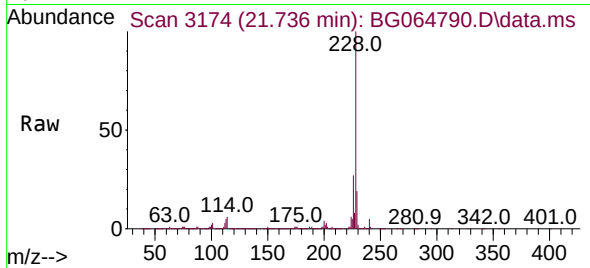
Tgt Ion:149 Resp: 355169
 Ion Ratio Lower Upper
 149 100
 91 62.8 54.9 82.3
 206 24.8 21.2 31.8





#81
Benzo(a)anthracene
Concen: 43.635 ng
RT: 21.736 min Scan# 3174
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

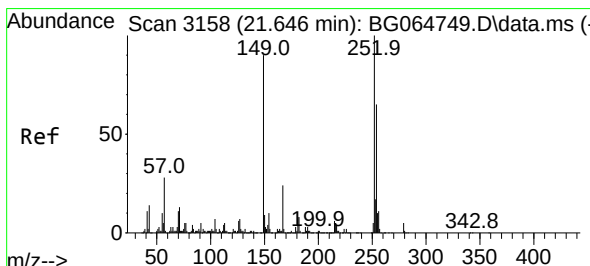
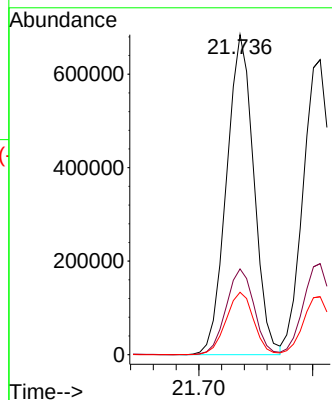
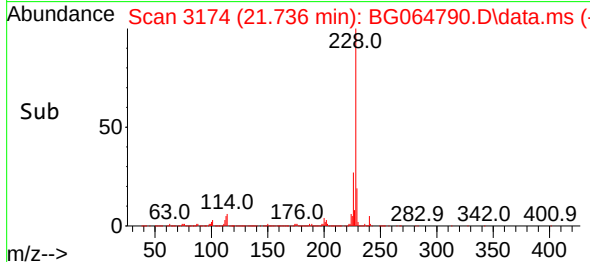
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion:228 Resp: 1143294
Ion Ratio Lower Upper
228 100
226 26.8 22.1 33.1
229 19.5 15.5 23.3

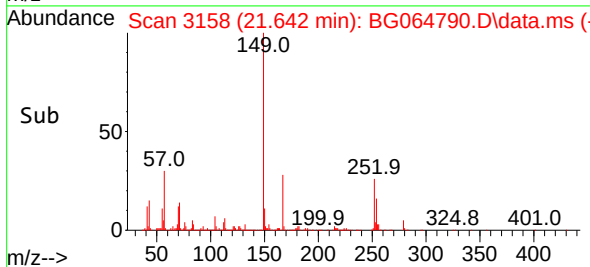
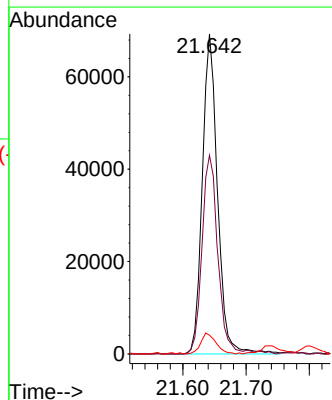
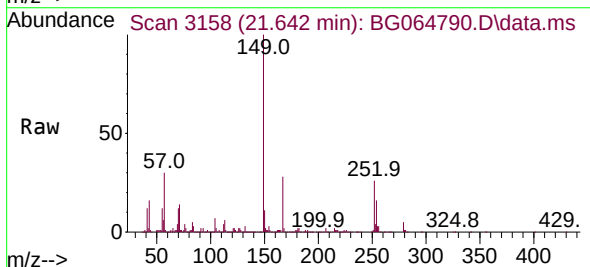
Manual Integrations
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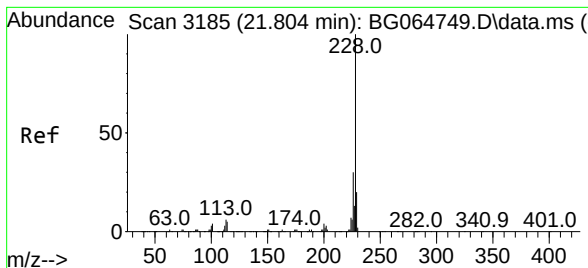
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#82
3,3'-Dichlorobenzidine
Concen: 11.983 ng
RT: 21.642 min Scan# 3158
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

Tgt Ion:252 Resp: 115567
Ion Ratio Lower Upper
252 100
254 62.1 51.8 77.8
126 5.8 4.7 7.1





#83

Chrysene

Concen: 43.278 ng

RT: 21.807 min Scan# 3185

Delta R.T. 0.002 min

Lab File: BG064790.D

Acq: 17 Nov 2025 18:45

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

Tgt Ion:228 Resp: 106904

Ion Ratio Lower Upper

228 100

226 30.8 24.2 36.2

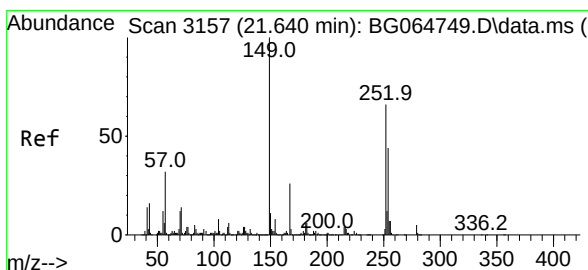
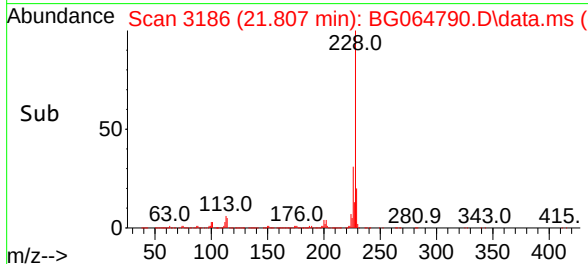
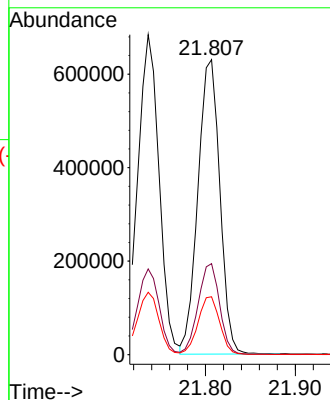
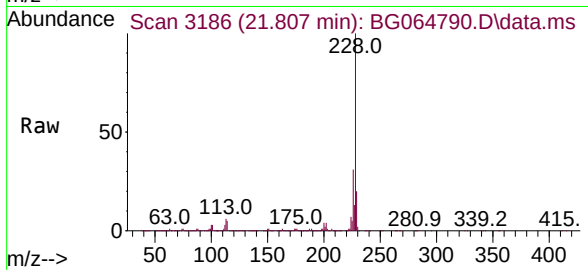
229 19.6 16.0 24.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/18/2025

Supervised By :Sohil Jodhani 11/18/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.675 ng

RT: 21.636 min Scan# 3157

Delta R.T. -0.003 min

Lab File: BG064790.D

Acq: 17 Nov 2025 18:45

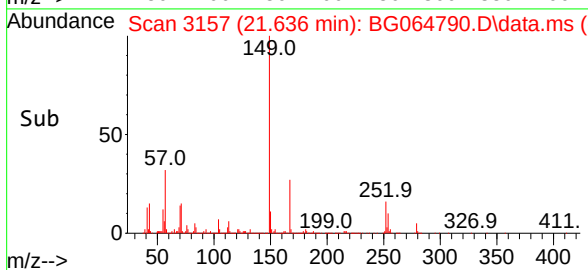
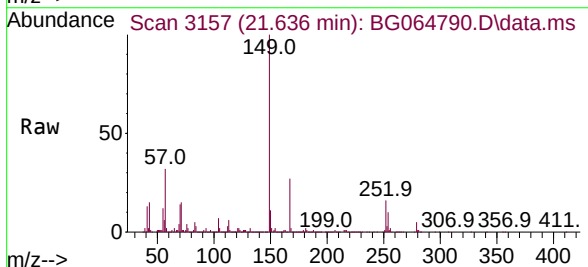
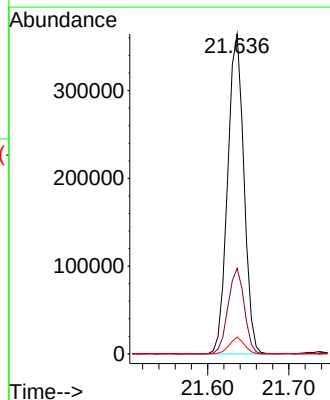
Tgt Ion:149 Resp: 507001

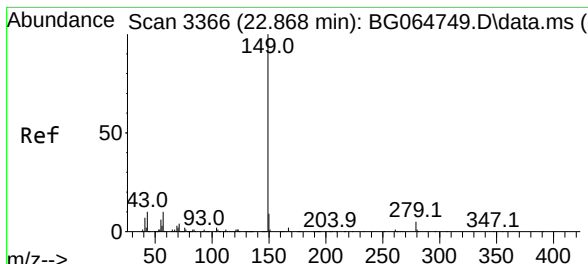
Ion Ratio Lower Upper

149 100

167 26.7 21.0 31.4

279 5.3 4.1 6.1





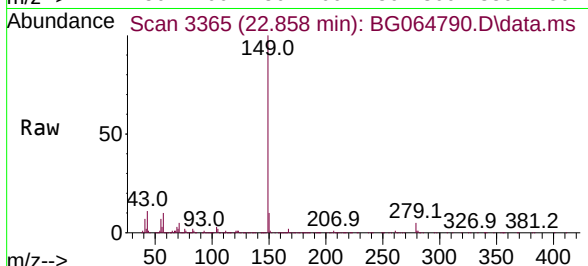
#85
 Di-n-octyl phthalate
 Concen: 43.747 ng
 RT: 22.858 min Scan# 3366
 Delta R.T. -0.009 min
 Lab File: BG064790.D
 Acq: 17 Nov 2025 18:45

Instrument :

BNA_G

ClientSampleId :

TP-5MSD



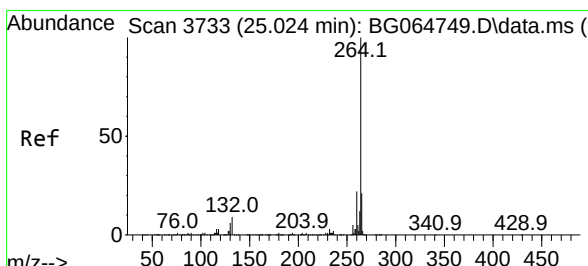
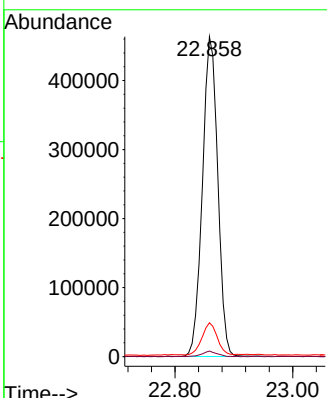
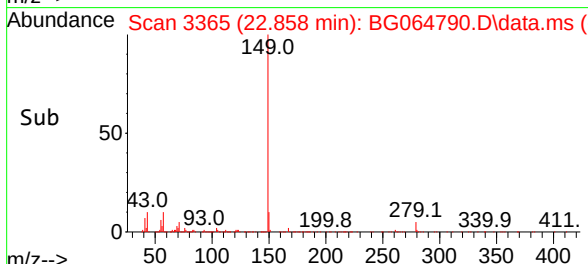
Tgt Ion:149 Resp: 839392

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	10.1	8.3	12.5

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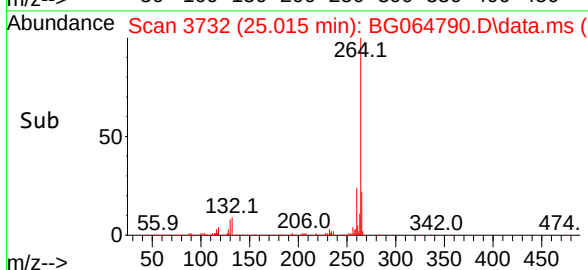
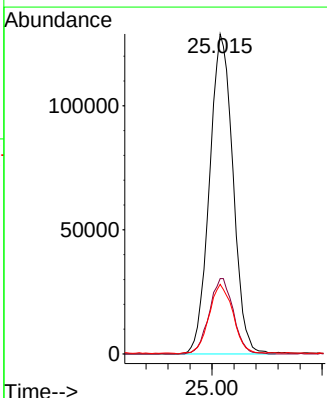
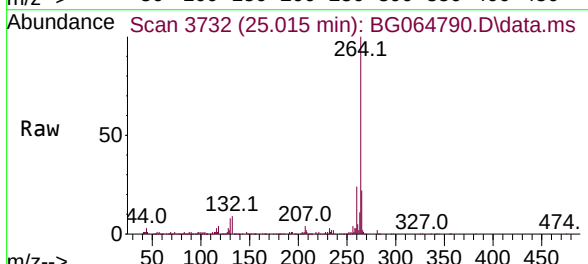
Reviewed By :Jagrut Upadhyay 11/18/2025
 Supervised By :Sohil Jodhani 11/18/2025

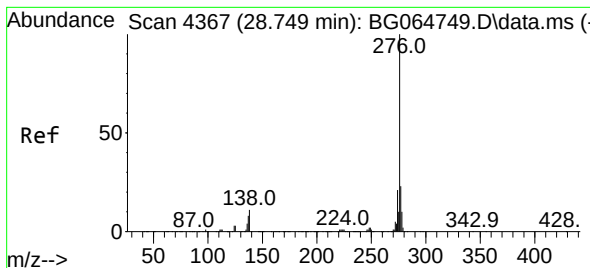


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.015 min Scan# 3732
 Delta R.T. -0.009 min
 Lab File: BG064790.D
 Acq: 17 Nov 2025 18:45

Tgt Ion:264 Resp: 381268

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.2	25.8
265	21.7	16.6	25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.630 ng

RT: 28.746 min Scan# 4367

Delta R.T. -0.003 min

Lab File: BG064790.D

Acq: 17 Nov 2025 18:45

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

Tgt Ion:276 Resp: 1247633

Ion Ratio Lower Upper

276 100

138 8.7 4.5 6.7

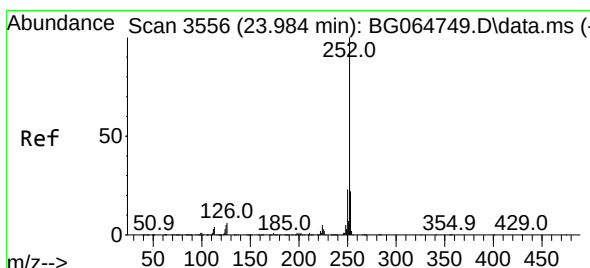
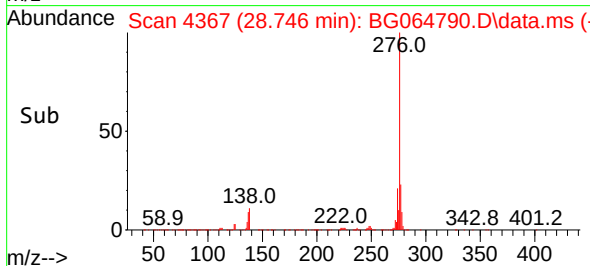
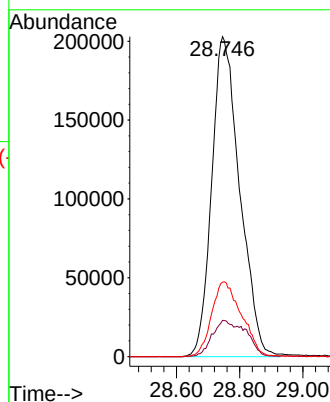
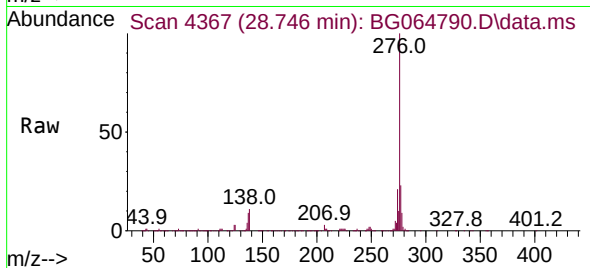
277 24.9 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/18/2025

Supervised By :Sohil Jodhani 11/18/2025



#88

Benzo(b)fluoranthene

Concen: 44.953 ng

RT: 23.981 min Scan# 3556

Delta R.T. -0.003 min

Lab File: BG064790.D

Acq: 17 Nov 2025 18:45

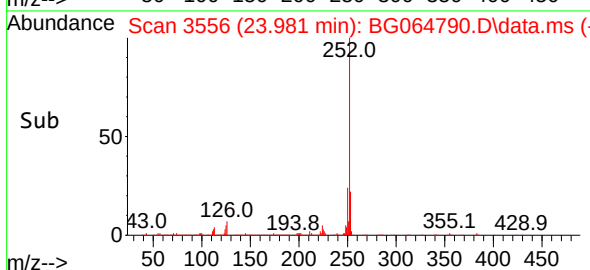
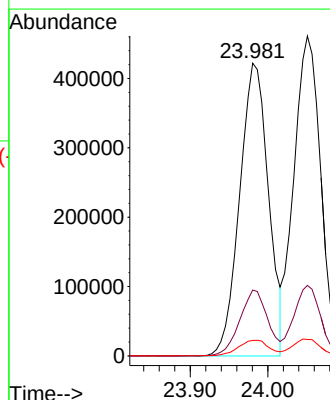
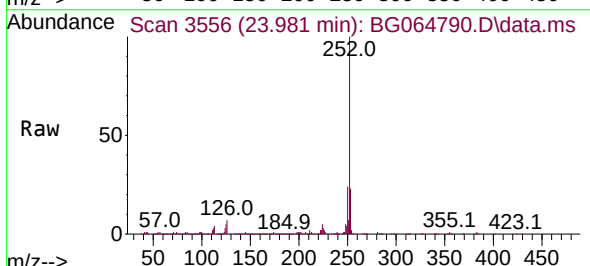
Tgt Ion:252 Resp: 1090713

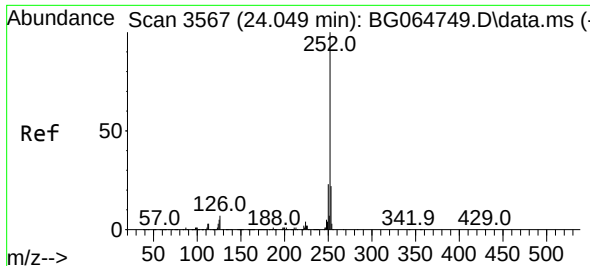
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

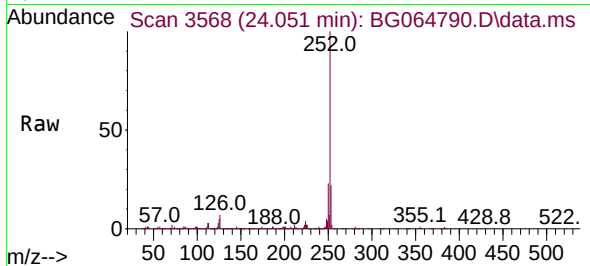
125 5.3 4.2 6.2





#89
Benzo(k)fluoranthene
Concen: 45.468 ng
RT: 24.051 min Scan# 3568
Delta R.T. 0.002 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

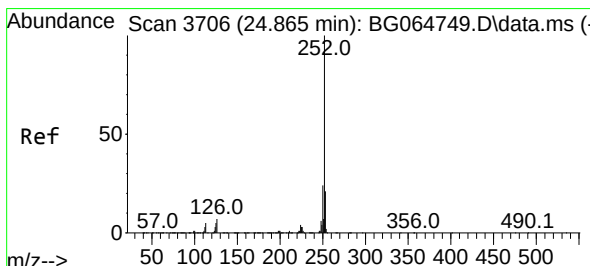
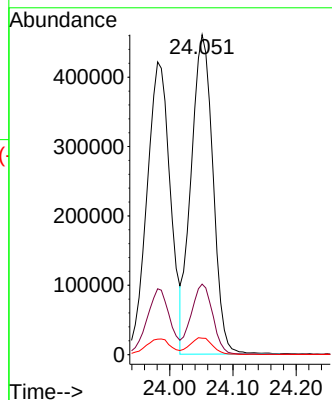
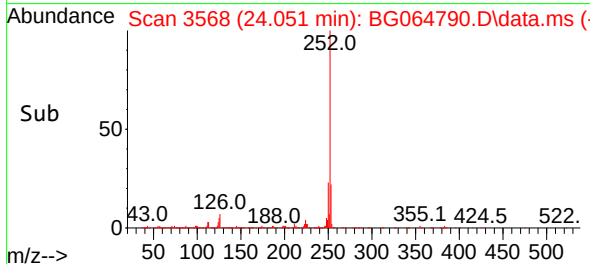
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion:252 Resp: 110834
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 5.1 4.1 6.1

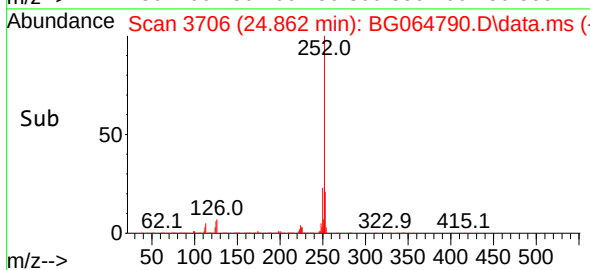
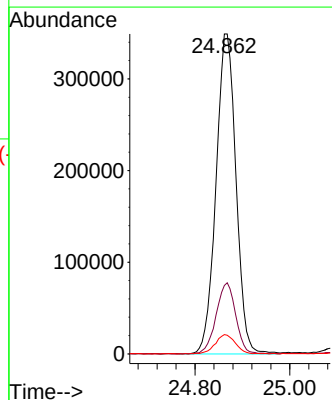
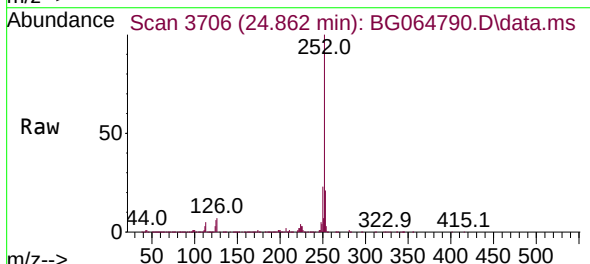
Manual Integrations
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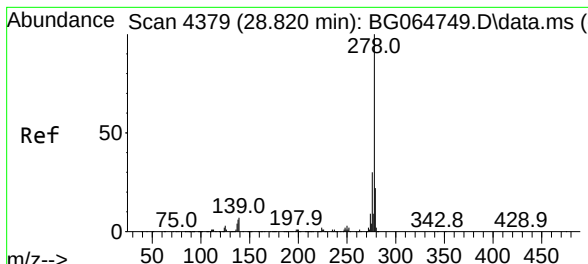
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#90
Benzo(a)pyrene
Concen: 45.379 ng
RT: 24.862 min Scan# 3706
Delta R.T. -0.003 min
Lab File: BG064790.D
Acq: 17 Nov 2025 18:45

Tgt Ion:252 Resp: 1021371
Ion Ratio Lower Upper
252 100
253 21.4 16.9 25.3
125 6.0 4.2 6.4





#91
 Dibenzo(a,h)anthracene
 Concen: 48.011 ng
 RT: 28.822 min Scan# 4379
 Delta R.T. 0.002 min
 Lab File: BG064790.D
 Acq: 17 Nov 2025 18:45

Instrument :

BNA_G

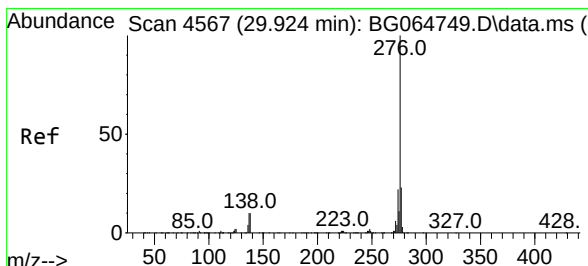
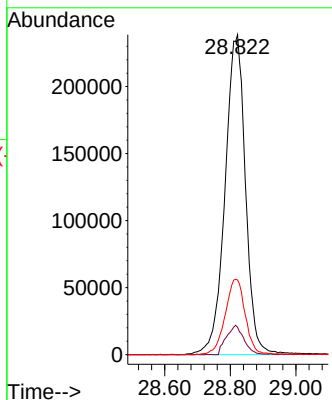
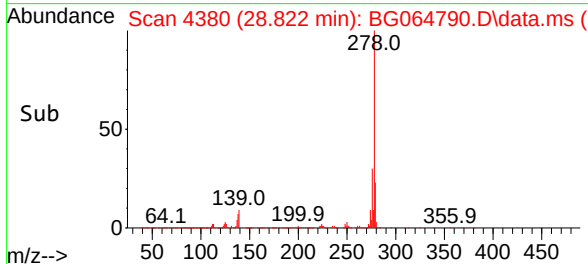
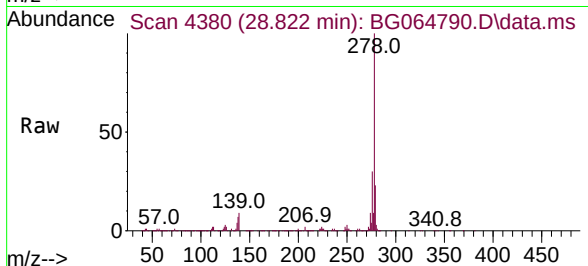
ClientSampleId :

TP-5MSD

Tgt Ion:278 Resp: 1030255
 Ion Ratio Lower Upper
 278 100
 139 8.5 5.8 8.8
 279 23.3 17.3 25.9

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



#92
 Benzo(g,h,i)perylene
 Concen: 47.532 ng
 RT: 29.921 min Scan# 4567
 Delta R.T. -0.003 min
 Lab File: BG064790.D
 Acq: 17 Nov 2025 18:45

Tgt Ion:276 Resp: 981650
 Ion Ratio Lower Upper
 276 100
 277 23.1 18.0 27.0
 138 11.6 8.2 12.2

