

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
 Data File : BG064674.D
 Acq On : 3 Nov 2025 15:57
 Operator : RC/JU
 Sample : PB170206BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170206BS

Quant Time: Nov 04 00:42:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.211	152	31473	20.000	ng	-0.01
21) Naphthalene-d8	11.037	136	125369	20.000	ng	#-0.01
39) Acenaphthene-d10	14.833	164	100193	20.000	ng	-0.01
64) Phenanthrene-d10	17.571	188	249048	20.000	ng	-0.01
76) Chrysene-d12	21.848	240	291284	20.000	ng	#-0.01
86) Perylene-d12	25.180	264	304737	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	229522	122.407	ng	0.00
7) Phenol-d6	7.353	99	317708	123.478	ng	0.00
23) Nitrobenzene-d5	9.375	82	192861	92.397	ng	-0.01
42) 2,4,6-Tribromophenol	16.314	330	212695	147.083	ng	0.00
45) 2-Fluorobiphenyl	13.464	172	539651	81.640	ng	-0.01
79) Terphenyl-d14	20.162	244	1329926	86.163	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.570	88	25132	30.274	ng	98
3) Pyridine	3.981	79	71247	28.579	ng	98
4) n-Nitrosodimethylamine	3.887	42	51911	38.830	ng	97
6) Aniline	7.524	93	106927	30.540	ng	99
8) 2-Chlorophenol	7.771	128	90900	46.315	ng	98
9) Benzaldehyde	7.330	77	41471	29.523	ng	99
10) Phenol	7.377	94	121112	42.563	ng	97
11) bis(2-Chloroethyl)ether	7.612	93	79064	37.792	ng	94
12) 1,3-Dichlorobenzene	8.100	146	94465	41.819	ng	99
13) 1,4-Dichlorobenzene	8.246	146	98423	42.851	ng	97
14) 1,2-Dichlorobenzene	8.570	146	95596	43.150	ng	99
15) Benzyl Alcohol	8.440	79	86742	40.882	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.734	45	209680	38.209	ng	99
17) 2-Methylphenol	8.640	107	84183	44.559	ng	97
18) Hexachloroethane	9.310	117	34551	42.865	ng	98
19) n-Nitroso-di-n-propyla...	9.016	70	71836	40.398	ng	94
20) 3+4-Methylphenols	8.969	107	110029	41.413	ng	98
22) Acetophenone	9.034	105	156041	45.532	ng	93
24) Nitrobenzene	9.416	77	105476	46.460	ng	96
25) Isophorone	9.950	82	199965	39.924	ng	99
26) 2-Nitrophenol	10.133	139	44327	50.434	ng	96
27) 2,4-Dimethylphenol	10.185	122	90913	48.798	ng	94
28) bis(2-Chloroethoxy)met...	10.426	93	113256	39.715	ng	99
29) 2,4-Dichlorophenol	10.673	162	94454	47.109	ng	94
30) 1,2,4-Trichlorobenzene	10.896	180	103068	45.243	ng	96
31) Naphthalene	11.090	128	293092	42.166	ng	99
32) Benzoic acid	10.309	122	63994	45.431	ng	84
33) 4-Chloroaniline	11.184	127	56613	20.955	ng	98
34) Hexachlorobutadiene	11.378	225	78715	44.182	ng	99
35) Caprolactam	11.954	113	14835	19.291	ng	93
36) 4-Chloro-3-methylphenol	12.289	107	110767	45.960	ng	96
37) 2-Methylnaphthalene	12.677	142	198311	38.860	ng	99
38) 1-Methylnaphthalene	12.894	142	207592	41.091	ng	95
40) 1,2,4,5-Tetrachloroben...	13.047	216	158567	47.157	ng	99
41) Hexachlorocyclopentadiene	13.029	237	192494	127.184	ng	96
43) 2,4,6-Trichlorophenol	13.270	196	97561	50.723	ng	95

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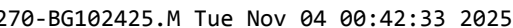
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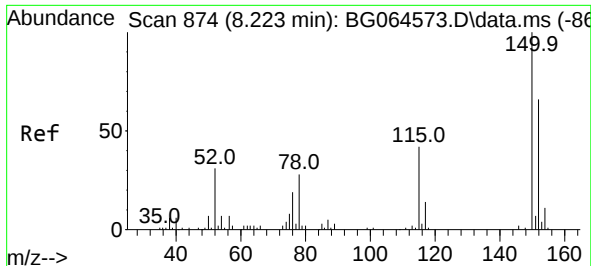
Quant Time: Nov 04 00:42:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.341	196	109490	49.329	ng	98
46) 1,1'-Biphenyl	13.670	154	337726	47.413	ng	97
47) 2-Chloronaphthalene	13.717	162	230325	42.838	ng	99
48) 2-Nitroaniline	13.905	65	83771	46.518	ng	94
49) Acenaphthylene	14.557	152	422008	49.761	ng	99
50) Dimethylphthalate	14.281	163	336584	43.902	ng	100
51) 2,6-Dinitrotoluene	14.392	165	66999	52.632	ng	95
52) Acenaphthene	14.898	154	283781	48.977	ng	99
53) 3-Nitroaniline	14.721	138	47343	35.932	ng #	94
54) 2,4-Dinitrophenol	14.927	184	88446	111.576	ng #	30
55) Dibenzofuran	15.232	168	407661	43.519	ng	99
56) 4-Nitrophenol	15.015	139	113539	92.945	ng	88
57) 2,4-Dinitrotoluene	15.180	165	100016	50.936	ng #	98
58) Fluorene	15.879	166	318811	43.579	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.450	232	113530	53.489	ng	99
60) Diethylphthalate	15.638	149	344532	44.012	ng	98
61) 4-Chlorophenyl-phenyle...	15.867	204	181685	44.254	ng	99
62) 4-Nitroaniline	15.879	138	72768	49.643	ng	93
63) Azobenzene	16.155	77	304790	42.435	ng	98
65) 4,6-Dinitro-2-methylph...	15.937	198	63990	57.216	ng	92
66) n-Nitrosodiphenylamine	16.073	169	300484	44.665	ng	99
67) 4-Bromophenyl-phenylether	16.754	248	133009	45.068	ng	97
68) Hexachlorobenzene	16.883	284	155303	46.126	ng	97
69) Atrazine	17.019	200	139683	48.248	ng	98
70) Pentachlorophenol	17.218	266	207688	98.918	ng	88
71) Phenanthrene	17.612	178	602824	44.262	ng	99
72) Anthracene	17.706	178	604988	43.668	ng	99
73) Carbazole	17.965	167	547456	44.812	ng	100
74) Di-n-butylphthalate	18.517	149	625052	44.244	ng	98
75) Fluoranthene	19.610	202	782658	45.872	ng	98
77) Benzidine	19.774	184	220989	33.863	ng	98
78) Pyrene	19.968	202	810468	42.587	ng	99
80) Butylbenzylphthalate	20.843	149	282780	49.163	ng	97
81) Benzo(a)anthracene	21.825	228	863171	44.692	ng	100
82) 3,3'-Dichlorobenzidine	21.731	252	205344	31.839	ng	100
83) Chrysene	21.895	228	798229	43.435	ng	98
84) Bis(2-ethylhexyl)phtha...	21.725	149	403065	46.897	ng	99
85) Di-n-octyl phthalate	22.982	149	686767	47.394	ng	98
87) Indeno(1,2,3-cd)pyrene	29.005	276	998764	44.553	ng #	97
88) Benzo(b)fluoranthene	24.122	252	865386	46.311	ng	98
89) Benzo(k)fluoranthene	24.192	252	855280	45.739	ng	99
90) Benzo(a)pyrene	25.027	252	812553	47.305	ng	99
91) Dibenzo(a,h)anthracene	29.081	278	829406	45.540	ng	97
92) Benzo(g,h,i)perylene	30.203	276	807697	46.425	ng	98

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

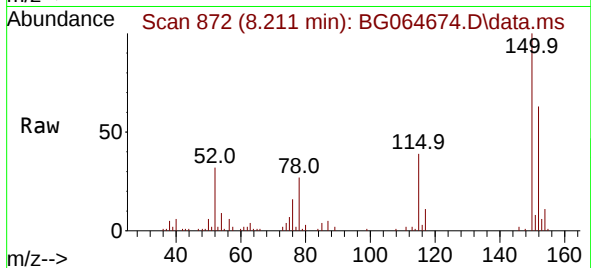
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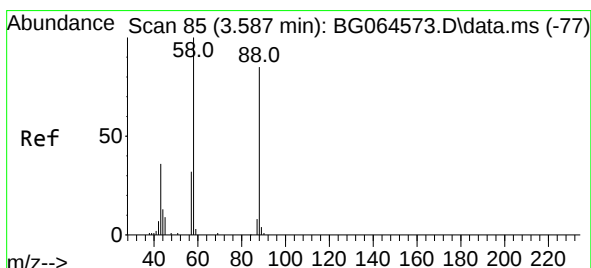
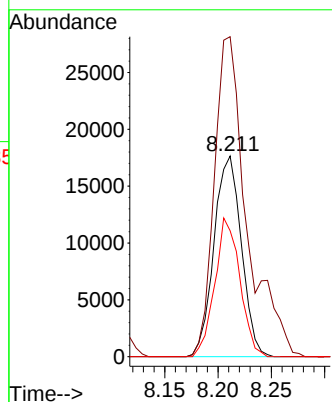
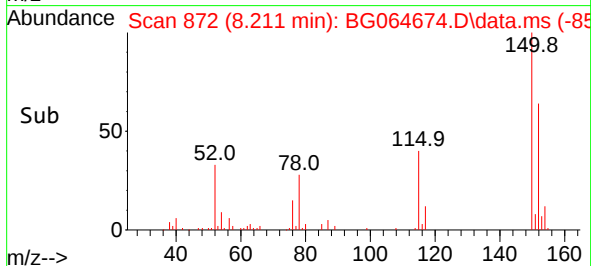


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.211 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :
BNA_G
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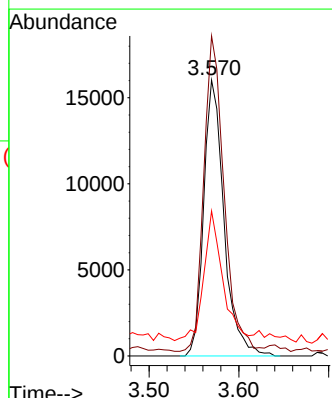
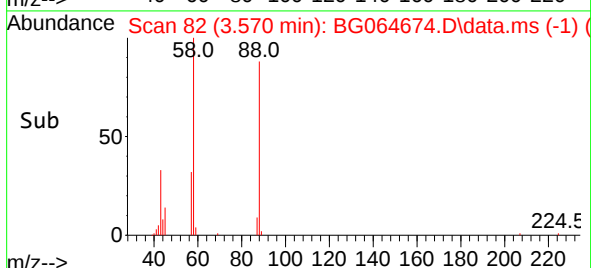
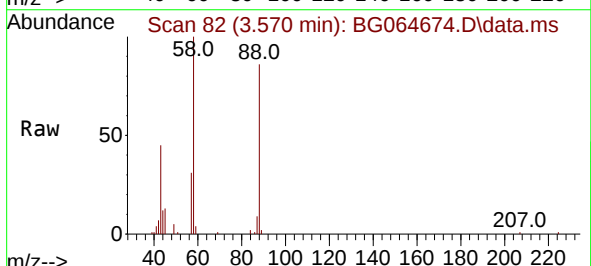


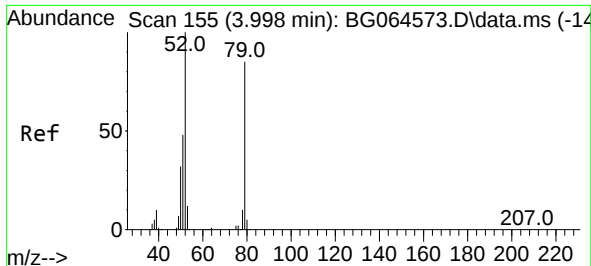
Tgt Ion:152 Resp: 31473
Ion Ratio Lower Upper
152 100
150 159.5 122.2 183.4
115 62.8 50.8 76.2



#2
1,4-Dioxane
Concen: 30.274 ng
RT: 3.570 min Scan# 82
Delta R.T. -0.017 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 88 Resp: 25132
Ion Ratio Lower Upper
88 100
58 113.9 92.4 138.6
43 43.4 33.0 49.6

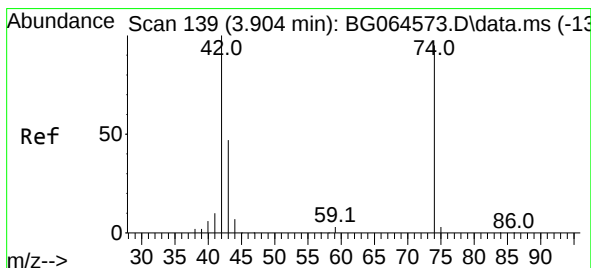
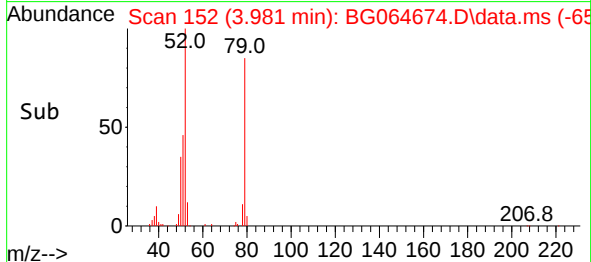
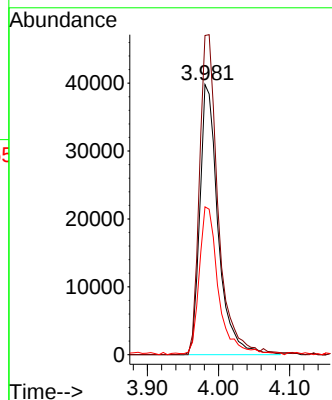
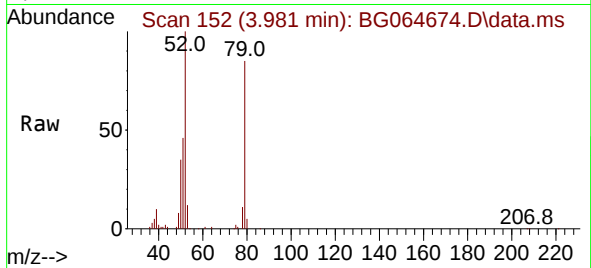




#3
Pyridine
Concen: 28.579 ng
RT: 3.981 min Scan# 11
Delta R.T. -0.017 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

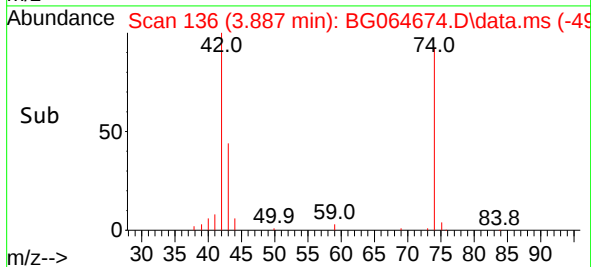
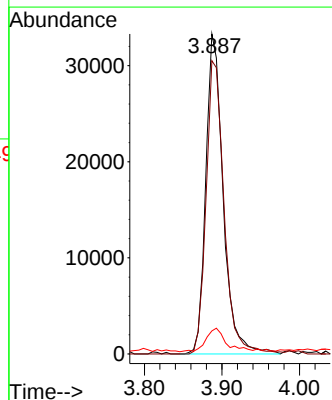
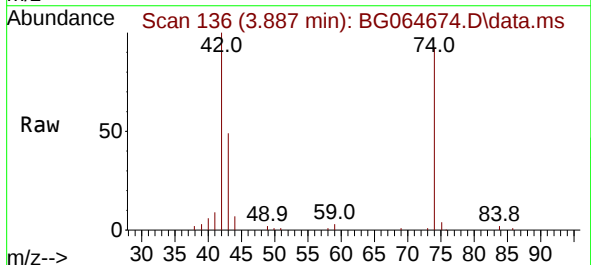
Instrument :
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ClientSampleId :
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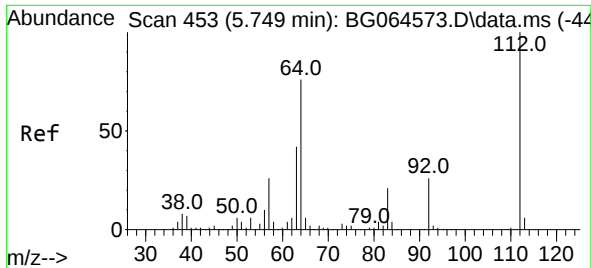
Tgt Ion: 79 Resp: 71247
Ion Ratio Lower Upper
79 100
52 118.2 94.2 141.2
51 54.8 46.1 69.1



#4
n-Nitrosodimethylamine
Concen: 38.830 ng
RT: 3.887 min Scan# 136
Delta R.T. -0.018 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 42 Resp: 51911
Ion Ratio Lower Upper
42 100
74 91.6 76.1 114.1
44 7.2 6.3 9.5

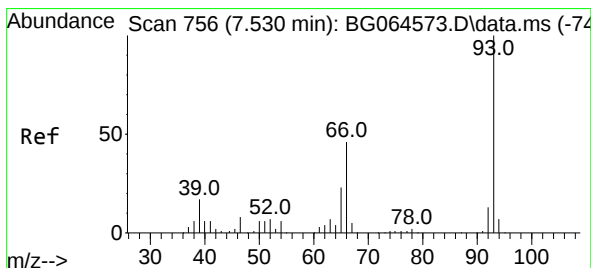
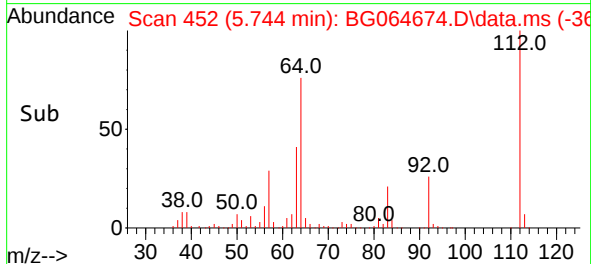
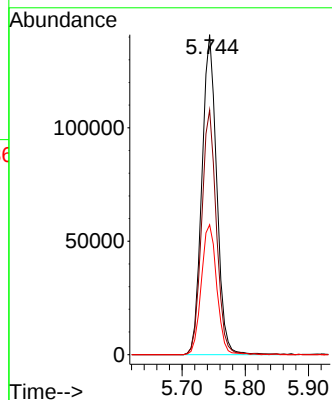
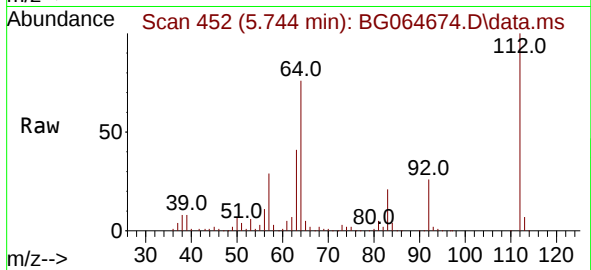




#5
2-Fluorophenol
Concen: 122.407 ng
RT: 5.744 min Scan# 411
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

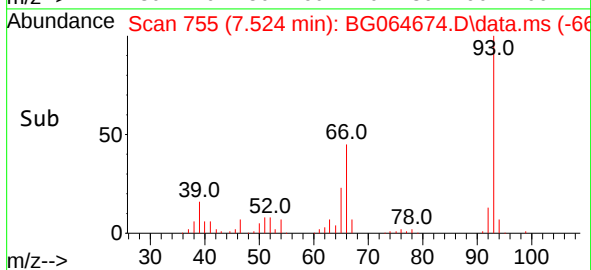
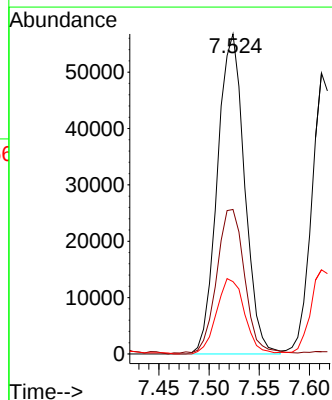
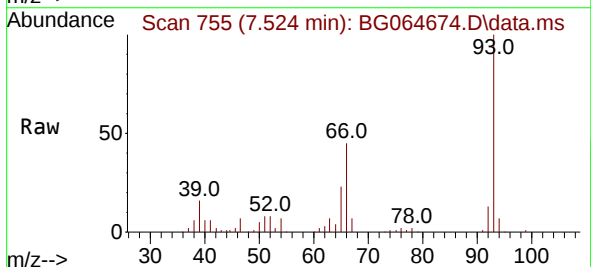
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ClientSampleId :
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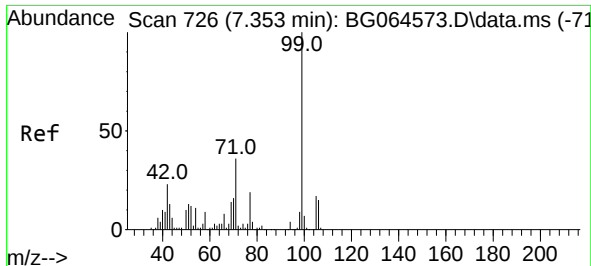
Tgt Ion:112 Resp: 229522
Ion Ratio Lower Upper
112 100
64 76.4 60.7 91.1
63 40.6 33.4 50.0



#6
Aniline
Concen: 30.540 ng
RT: 7.524 min Scan# 755
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 93 Resp: 106927
Ion Ratio Lower Upper
93 100
66 45.2 37.0 55.6
65 22.6 18.3 27.5





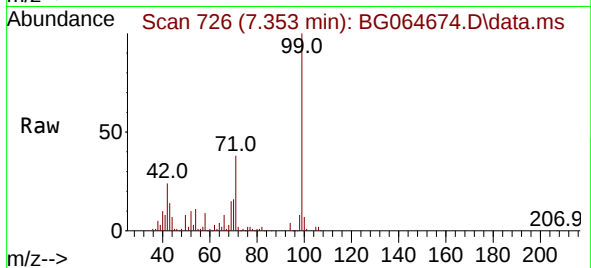
#7
Phenol-d6
Concen: 123.478 ng
RT: 7.353 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Instrument :

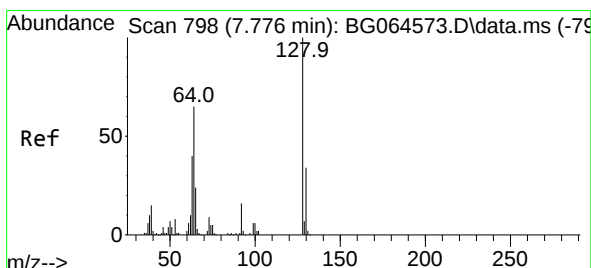
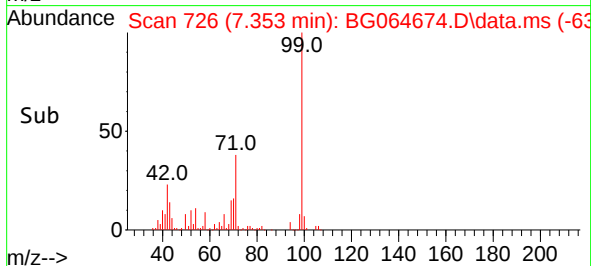
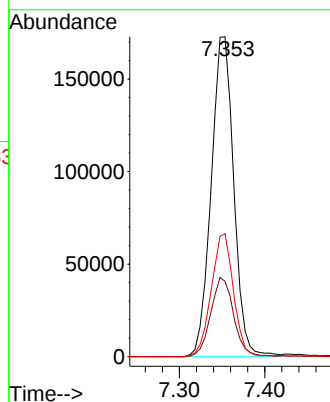
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ClientSampleId :

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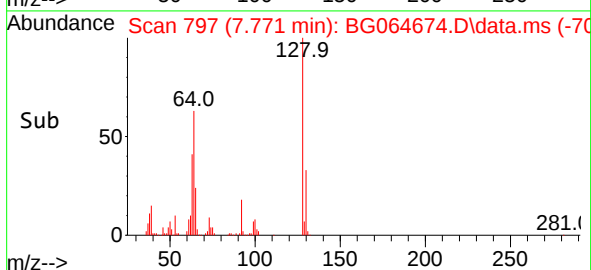
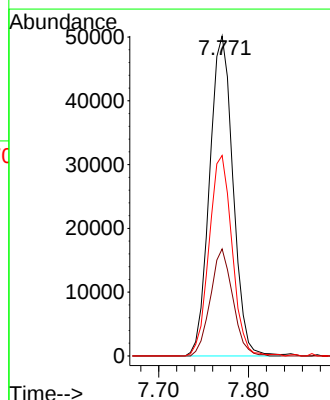
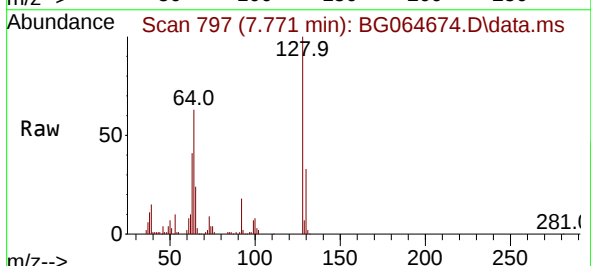


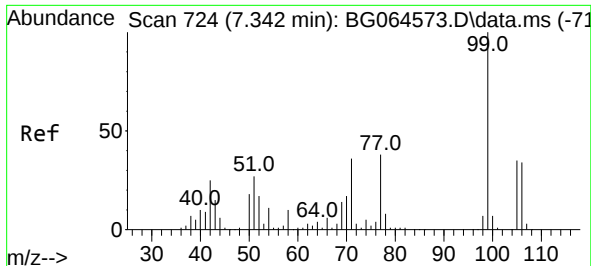
Tgt Ion: 99 Resp: 317708
Ion Ratio Lower Upper
99 100
42 23.5 18.3 27.5
71 38.5 28.6 43.0



#8
2-Chlorophenol
Concen: 46.315 ng
RT: 7.771 min Scan# 797
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 128 Resp: 90900
Ion Ratio Lower Upper
128 100
130 33.4 13.5 53.5
64 62.7 45.2 85.2

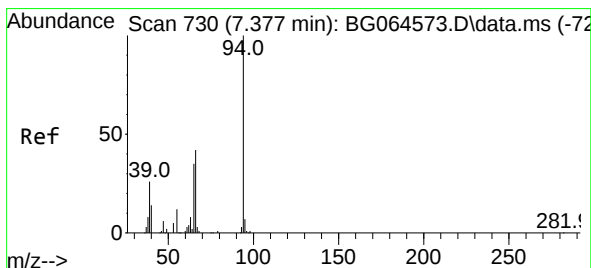
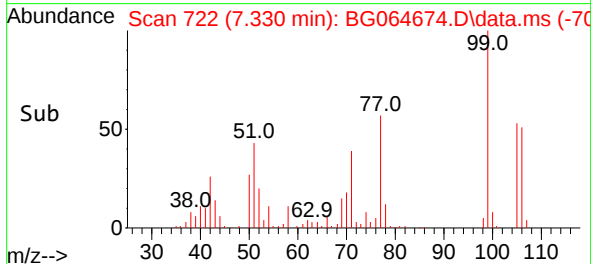
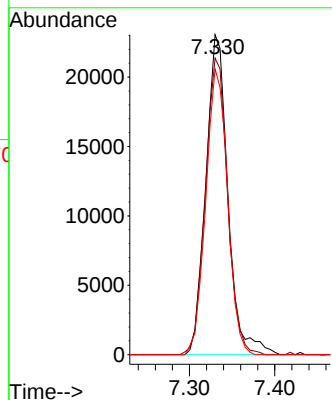
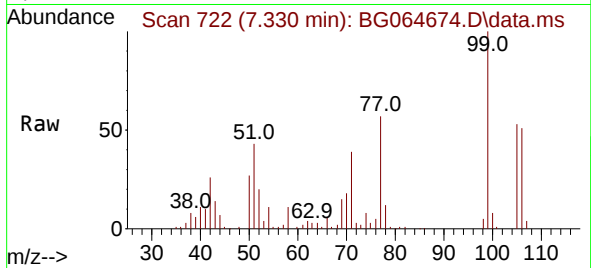




#9
Benzaldehyde
Concen: 29.523 ng
RT: 7.330 min Scan# 71
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

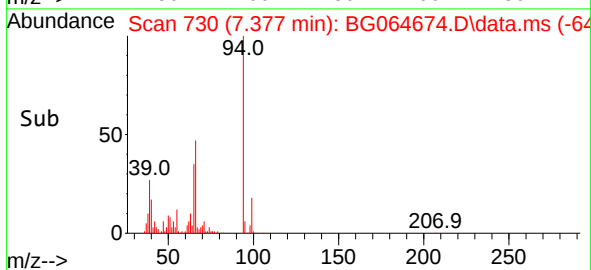
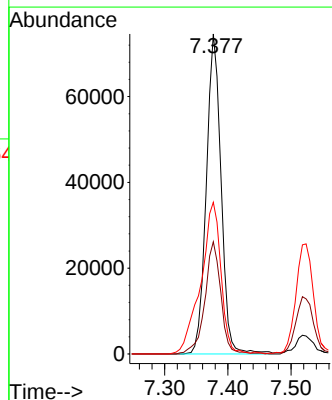
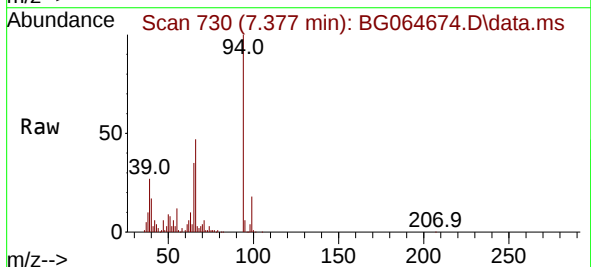
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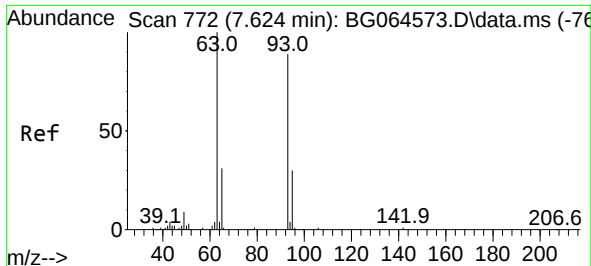
Tgt Ion: 77 Resp: 41471
Ion Ratio Lower Upper
77 100
105 92.6 72.9 112.9
106 89.3 70.8 110.8



#10
Phenol
Concen: 42.563 ng
RT: 7.377 min Scan# 730
Delta R.T. 0.000 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 94 Resp: 121112
Ion Ratio Lower Upper
94 100
65 35.0 15.8 55.8
66 47.4 24.0 64.0

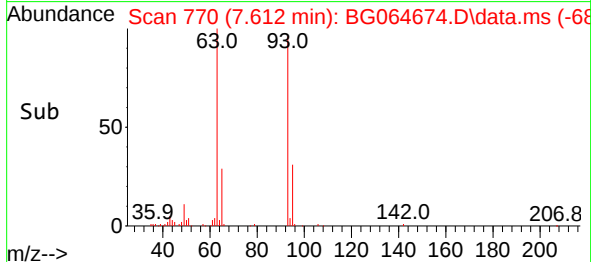
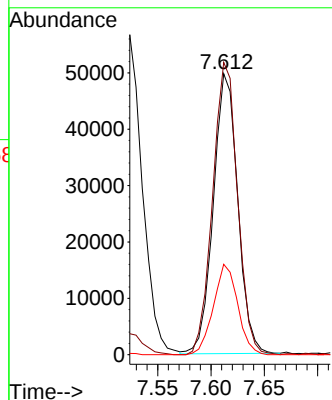
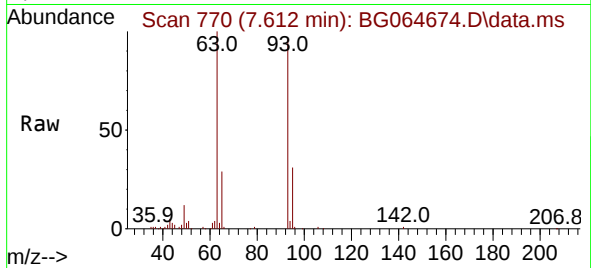




#11
bis(2-Chloroethyl)ether
Concen: 37.792 ng
RT: 7.612 min Scan# 71
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

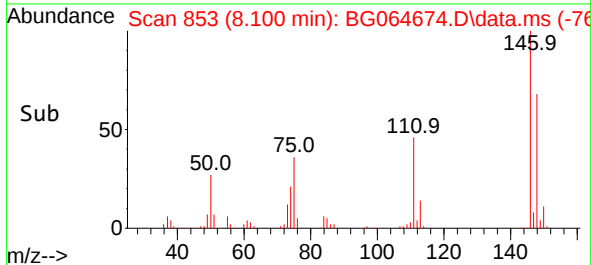
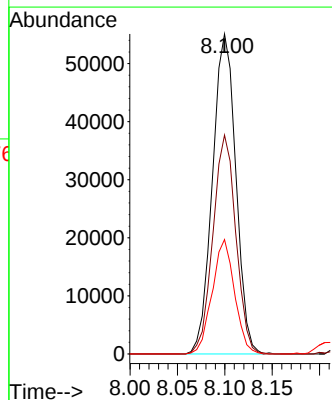
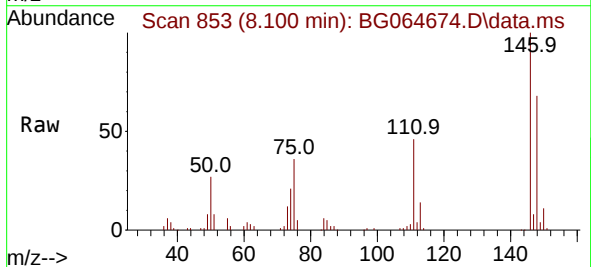
Instrument :
BNA_G
ClientSampleId :
PB170206BS

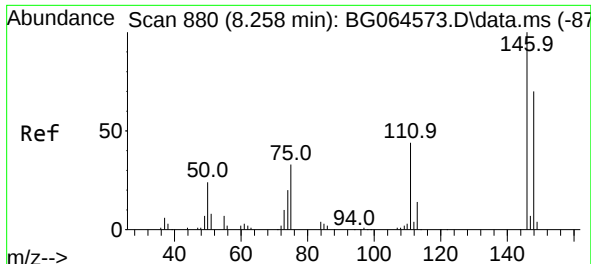
Tgt Ion: 93 Resp: 79064
Ion Ratio Lower Upper
93 100
63 104.0 91.3 131.3
95 32.2 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 41.819 ng
RT: 8.100 min Scan# 853
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:146 Resp: 94465
Ion Ratio Lower Upper
146 100
148 68.4 55.3 82.9
75 35.8 28.2 42.2

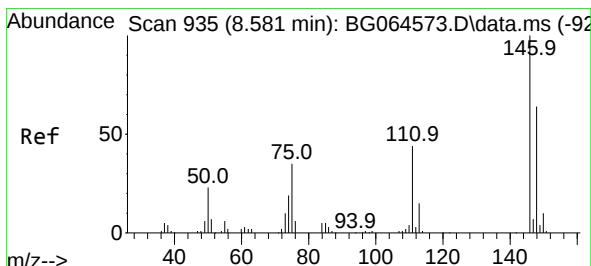
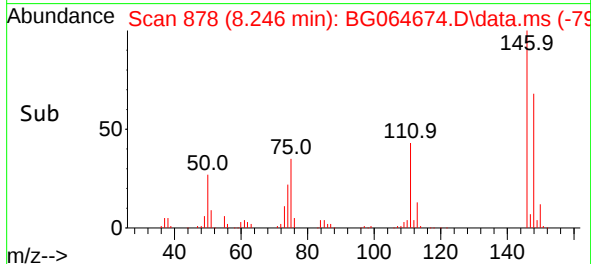
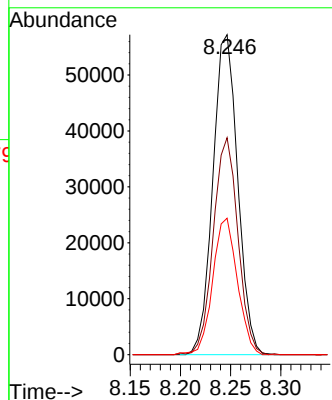
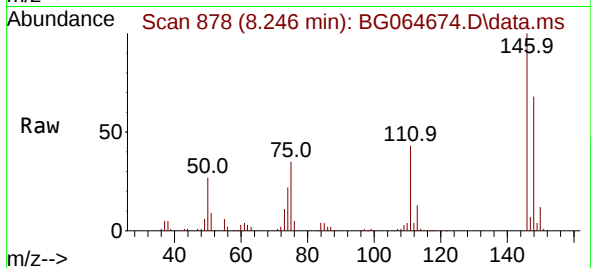




#13
1,4-Dichlorobenzene
Concen: 42.851 ng
RT: 8.246 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

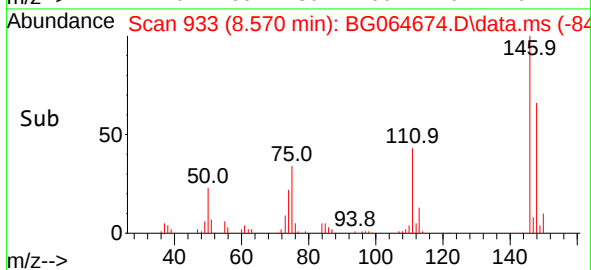
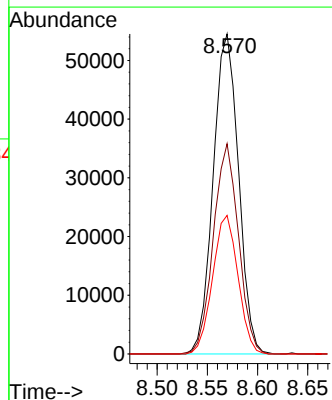
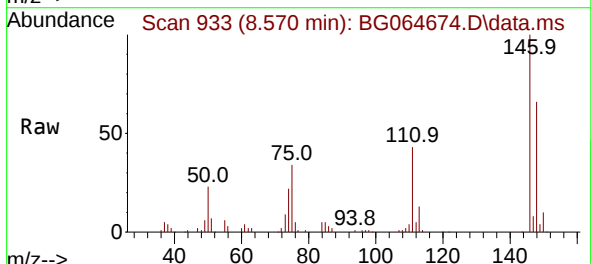
Instrument :
BNA_G
ClientSampleId :
PB170206BS

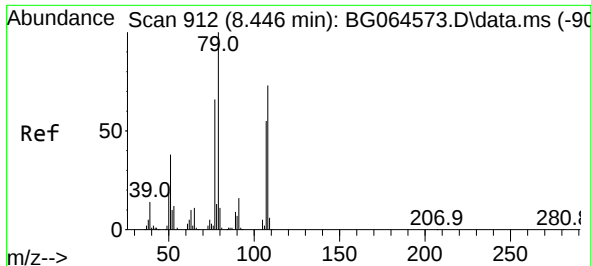
Tgt Ion:146 Resp: 98423
Ion Ratio Lower Upper
146 100
148 67.8 56.2 84.4
111 42.7 35.4 53.0



#14
1,2-Dichlorobenzene
Concen: 43.150 ng
RT: 8.570 min Scan# 933
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:146 Resp: 95596
Ion Ratio Lower Upper
146 100
148 65.7 51.5 77.3
111 43.3 35.0 52.6

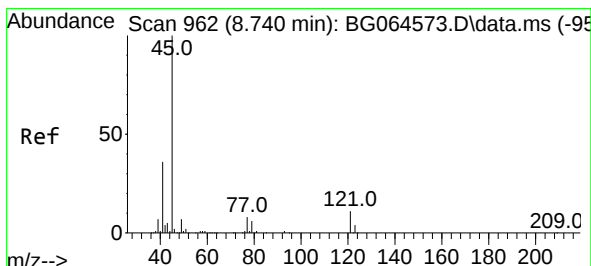
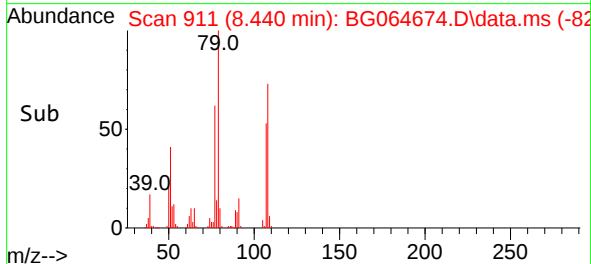
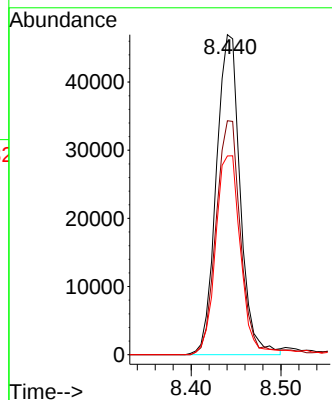
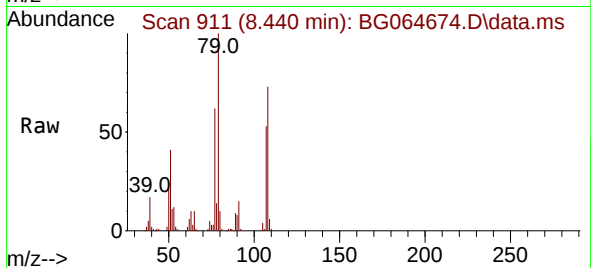




#15
Benzyl Alcohol
Concen: 40.882 ng
RT: 8.440 min Scan# 912
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

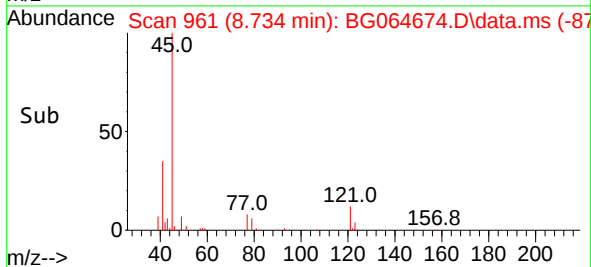
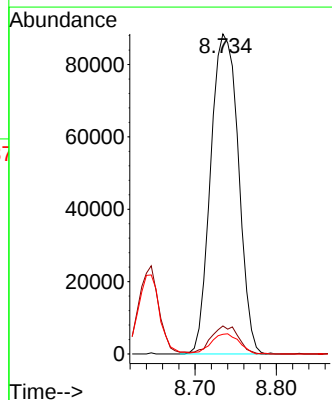
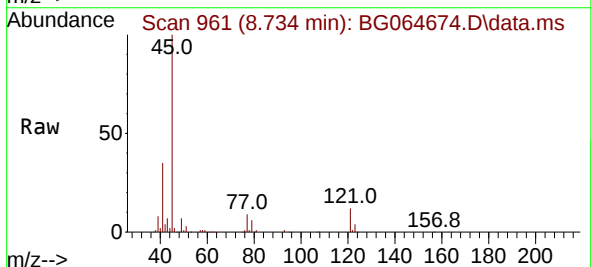
Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion: 79 Resp: 86742
Ion Ratio Lower Upper
79 100
108 73.1 58.1 87.1
77 62.1 52.8 79.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.209 ng
RT: 8.734 min Scan# 961
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 45 Resp: 209680
Ion Ratio Lower Upper
45 100
77 8.7 0.0 28.5
79 6.2 0.0 25.6





#17

2-Methylphenol

Concen: 44.559 ng

RT: 8.640 min Scan# 947

Delta R.T. -0.012 min

Lab File: BG064674.D

Acq: 3 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170206BS

Tgt Ion:107 Resp: 84183

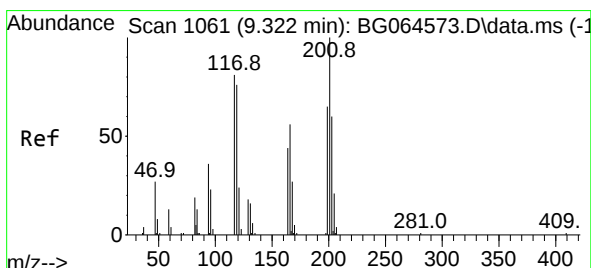
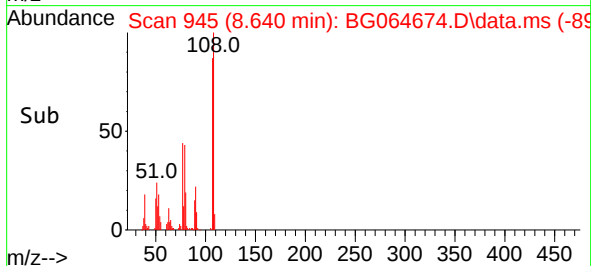
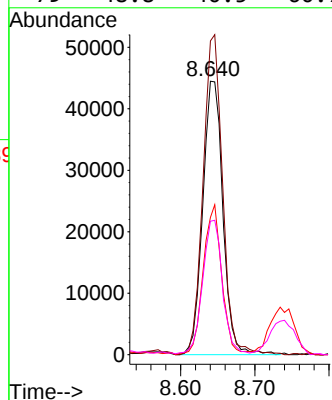
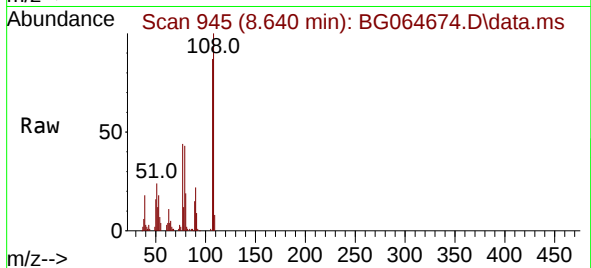
Ion Ratio Lower Upper

107 100

108 114.7 90.0 135.0

77 50.2 37.8 56.8

79 48.8 40.5 60.7



#18

Hexachloroethane

Concen: 42.865 ng

RT: 9.310 min Scan# 1059

Delta R.T. -0.012 min

Lab File: BG064674.D

Acq: 3 Nov 2025 15:57

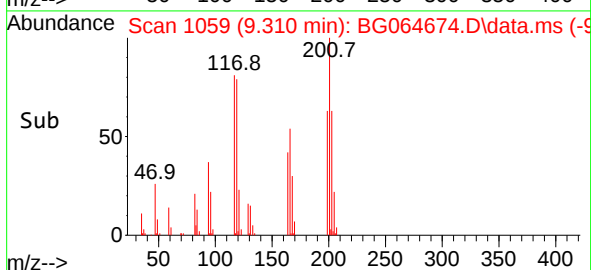
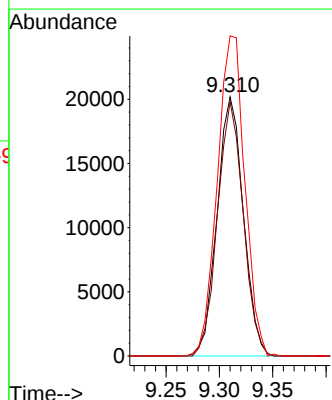
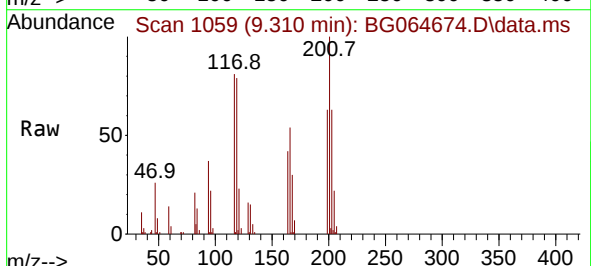
Tgt Ion:117 Resp: 34551

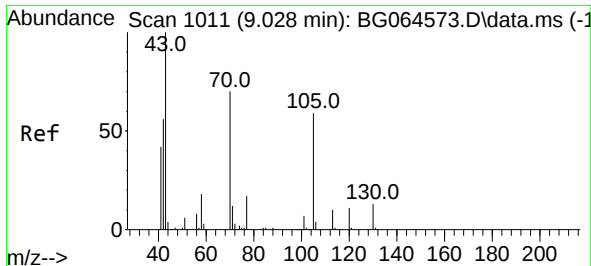
Ion Ratio Lower Upper

117 100

119 98.1 75.4 113.2

201 123.5 99.2 148.8





#19

n-Nitroso-di-n-propylamine

Concen: 40.398 ng

RT: 9.016 min Scan# 1009

Delta R.T. -0.012 min

Lab File: BG064674.D

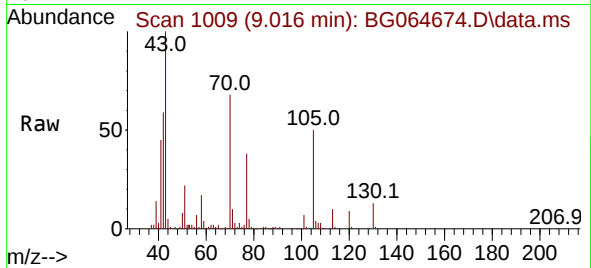
Acq: 3 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170206BS



Tgt Ion: 70 Resp: 71836

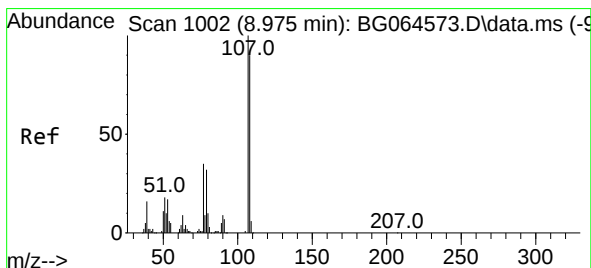
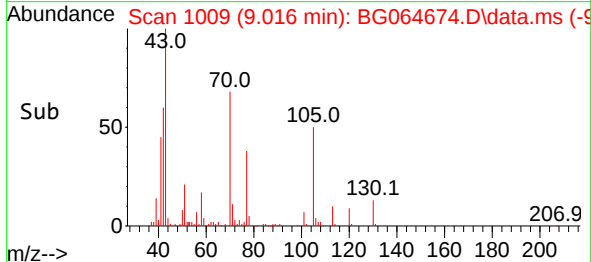
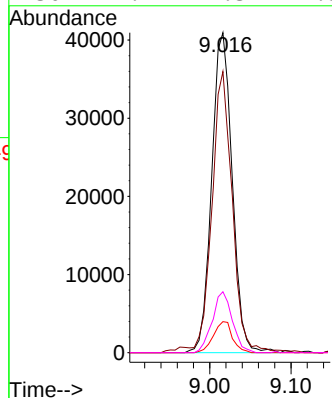
Ion Ratio Lower Upper

70 100

42 87.8 65.2 97.8

101 9.7 7.9 11.9

130 19.1 14.3 21.5



#20

3+4-Methylphenols

Concen: 41.413 ng

RT: 8.969 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BG064674.D

Acq: 3 Nov 2025 15:57

Tgt Ion:107 Resp: 110029

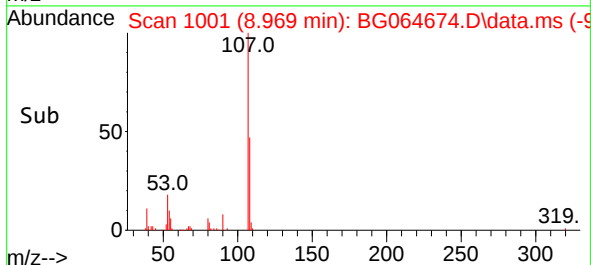
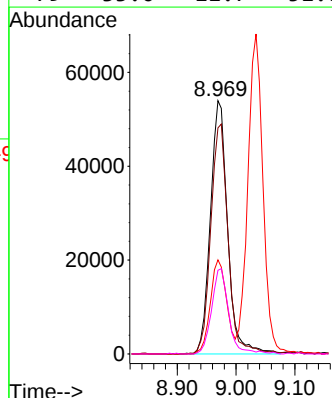
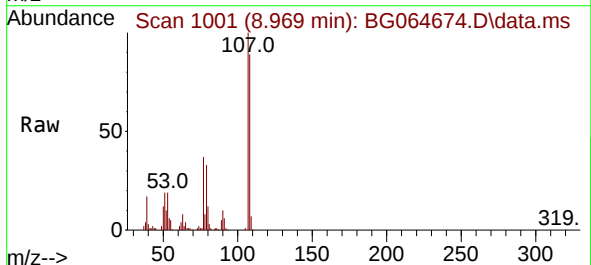
Ion Ratio Lower Upper

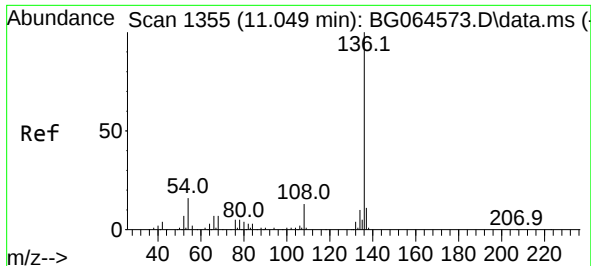
107 100

108 89.3 70.3 110.3

77 37.2 14.6 54.6

79 33.0 11.7 51.7

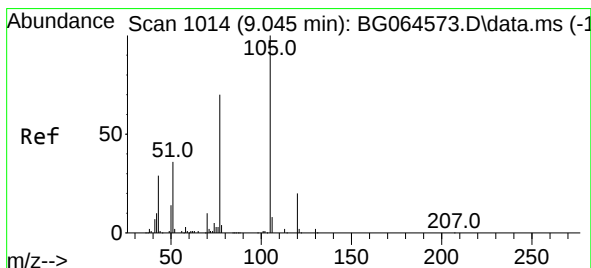
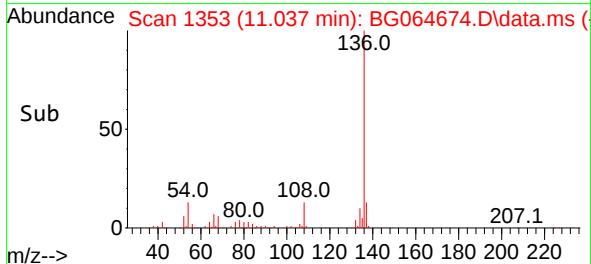
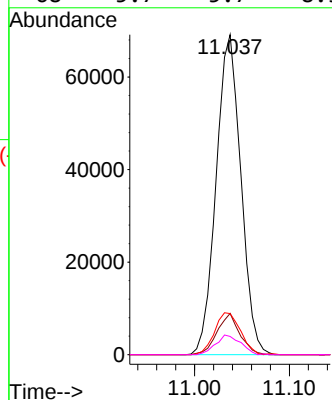
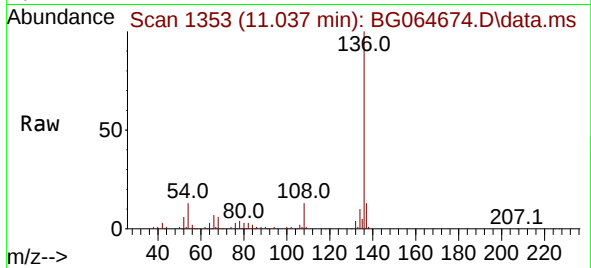




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.037 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

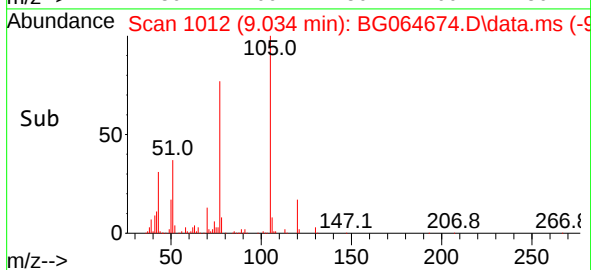
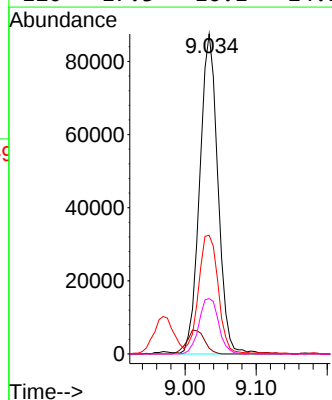
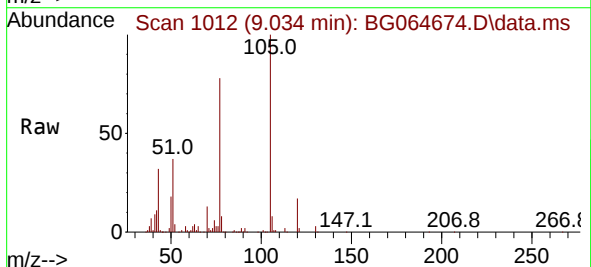
Instrument :
BNA_G
ClientSampleId :
PB170206BS

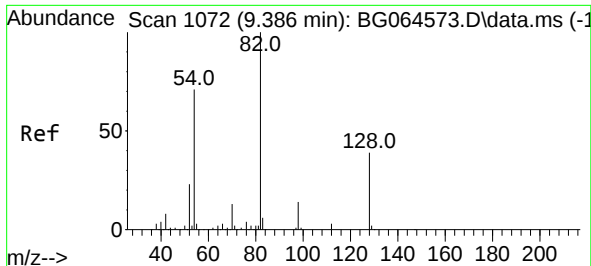
Tgt Ion:136 Resp: 125369
Ion Ratio Lower Upper
136 100
137 12.9 9.2 13.8
54 12.8 12.6 19.0
68 5.7 5.7 8.5#



#22
Acetophenone
Concen: 45.532 ng
RT: 9.034 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:105 Resp: 156041
Ion Ratio Lower Upper
105 100
71 1.8 1.5 2.3
51 37.1 33.7 50.5
120 17.3 16.1 24.1

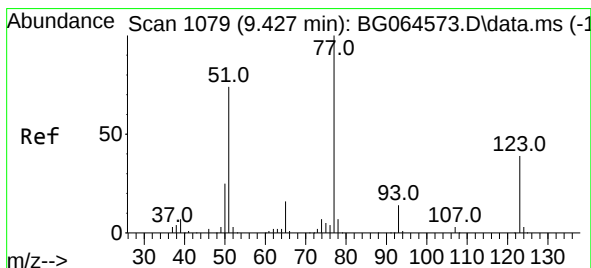
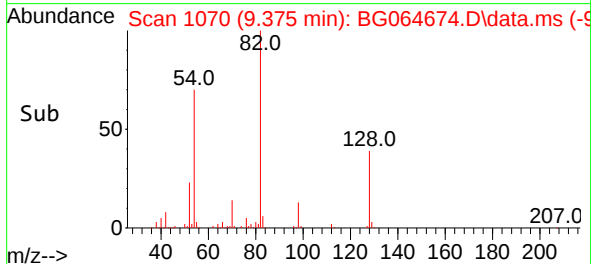
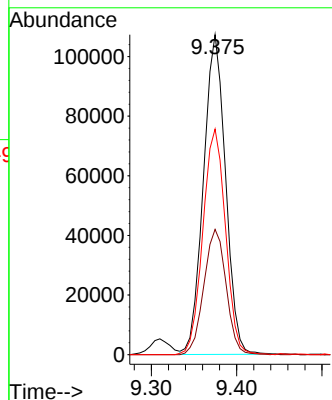
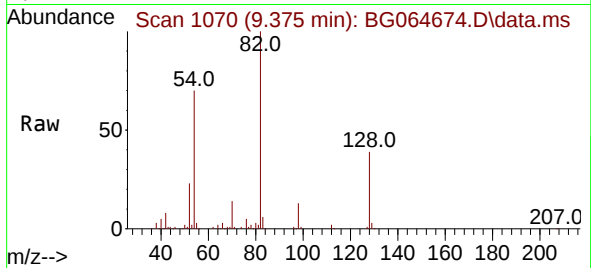




#23
Nitrobenzene-d5
Concen: 92.397 ng
RT: 9.375 min Scan# 1070
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

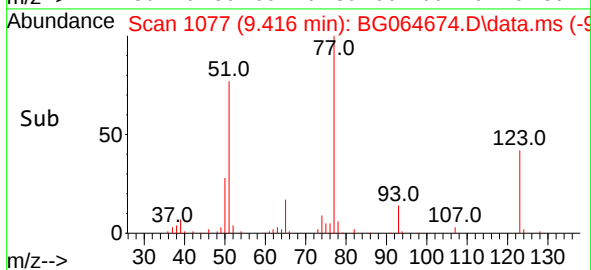
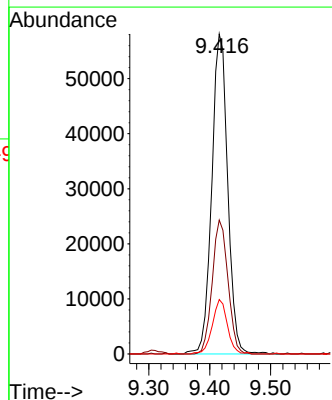
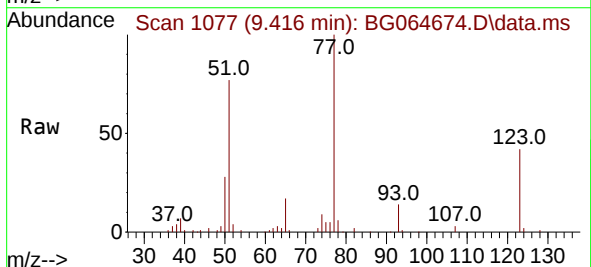
Instrument :
BNA_G
ClientSampleId :
PB170206BS

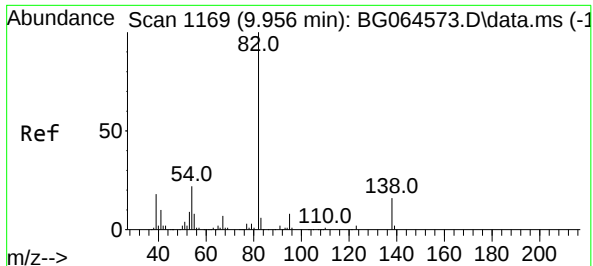
Tgt Ion: 82 Resp: 192861
Ion Ratio Lower Upper
82 100
128 39.1 31.3 46.9
54 70.5 56.6 84.8



#24
Nitrobenzene
Concen: 46.460 ng
RT: 9.416 min Scan# 1077
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 77 Resp: 105476
Ion Ratio Lower Upper
77 100
123 41.9 31.0 46.6
65 17.0 12.7 19.1

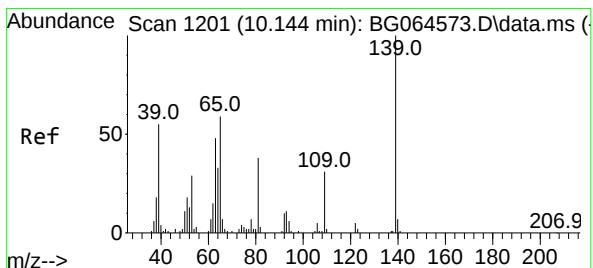
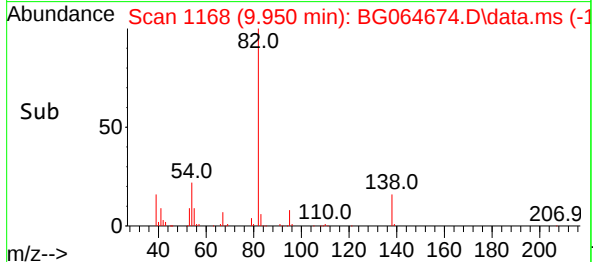
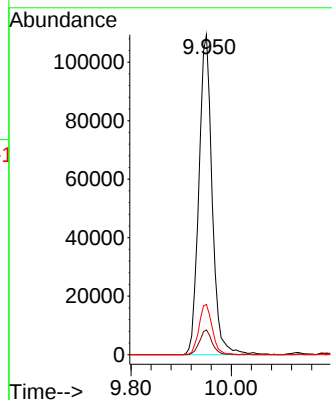
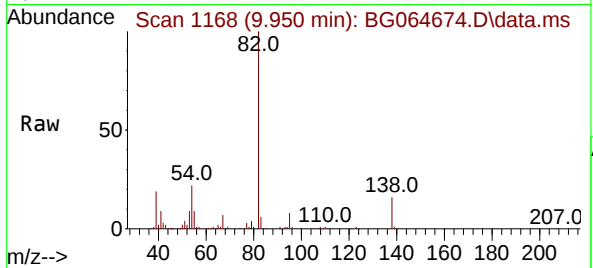




#25
Isophorone
Concen: 39.924 ng
RT: 9.950 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

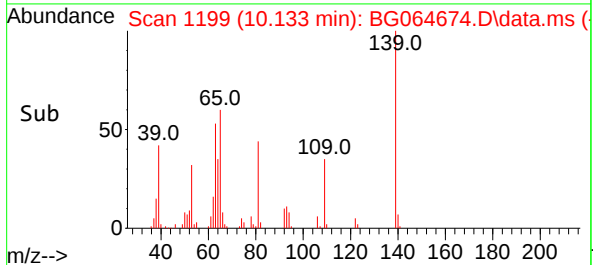
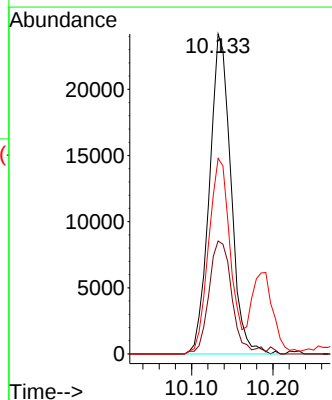
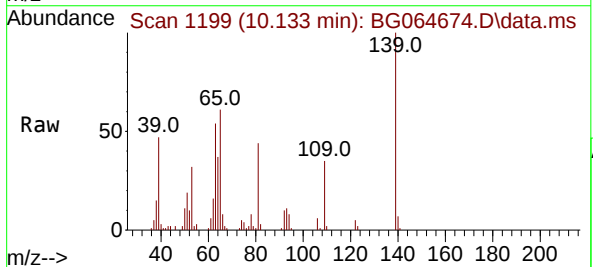
Instrument :
BNA_G
ClientSampleId :
PB170206BS

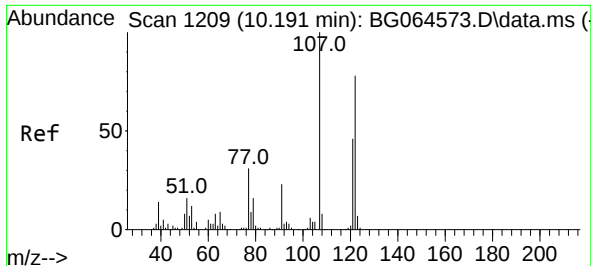
Tgt Ion: 82 Resp: 199965
Ion Ratio Lower Upper
82 100
95 7.8 6.1 9.1
138 15.7 13.0 19.4



#26
2-Nitrophenol
Concen: 50.434 ng
RT: 10.133 min Scan# 1199
Delta R.T. -0.011 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 139 Resp: 44327
Ion Ratio Lower Upper
139 100
109 35.3 24.6 37.0
65 61.1 47.5 71.3

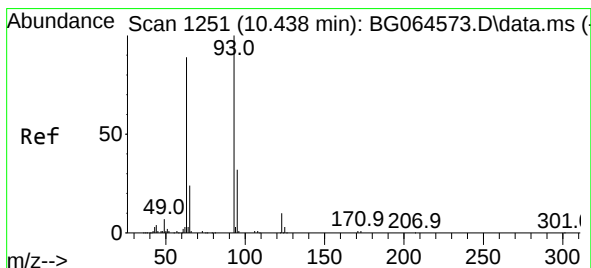
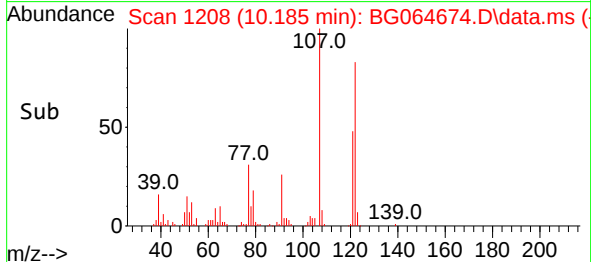
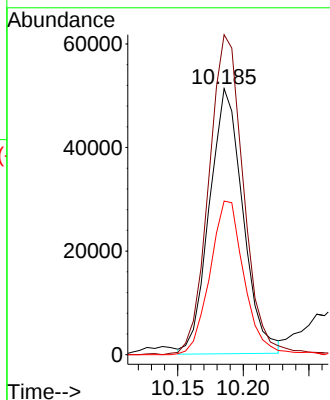
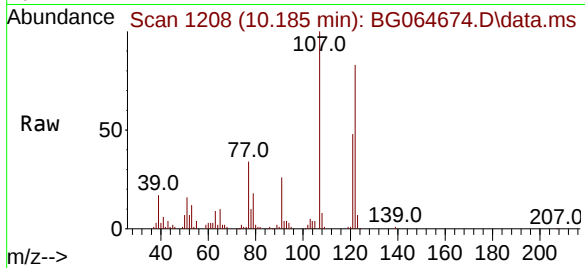




#27
2,4-Dimethylphenol
Concen: 48.798 ng
RT: 10.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

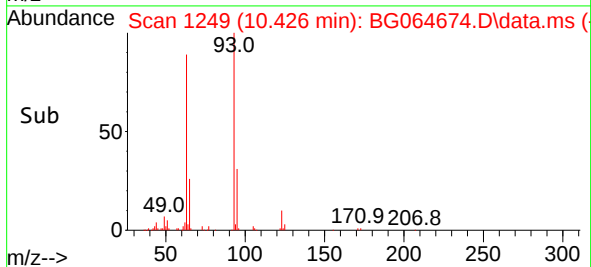
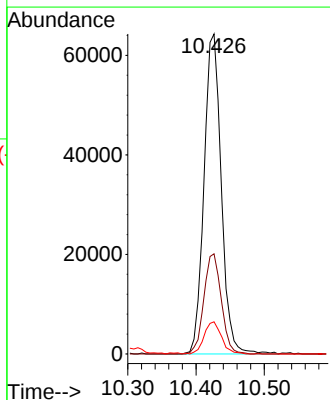
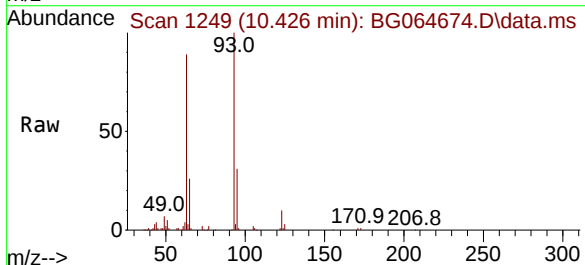
Instrument :
BNA_G
ClientSampleId :
PB170206BS

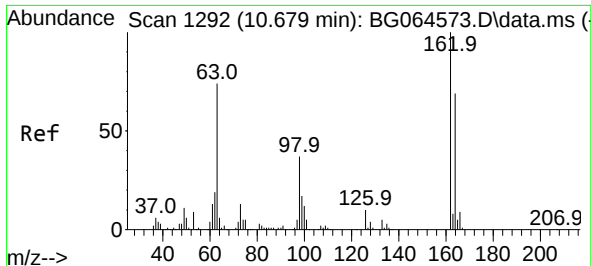
Tgt Ion:122 Resp: 90913
Ion Ratio Lower Upper
122 100
107 120.3 103.0 154.4
121 57.7 47.8 71.8



#28
bis(2-Chloroethoxy)methane
Concen: 39.715 ng
RT: 10.426 min Scan# 1249
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 93 Resp: 113256
Ion Ratio Lower Upper
93 100
95 31.3 25.4 38.2
123 10.1 8.4 12.6

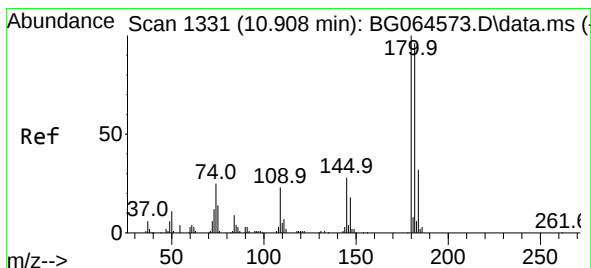
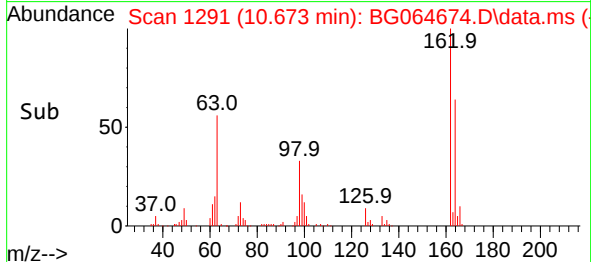
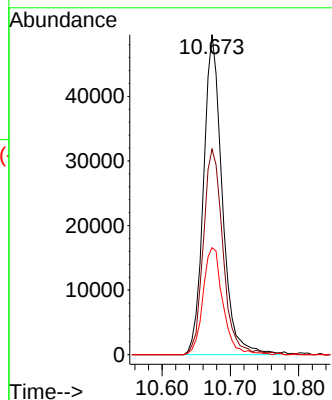
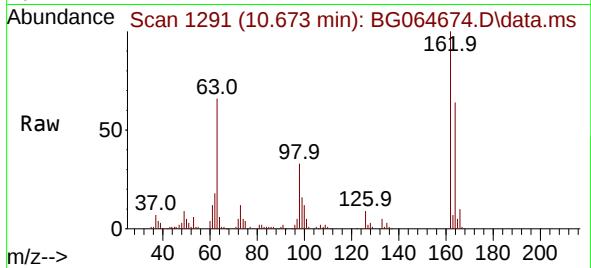




#29
2,4-Dichlorophenol
Concen: 47.109 ng
RT: 10.673 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

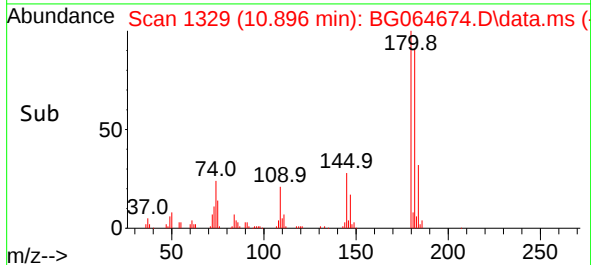
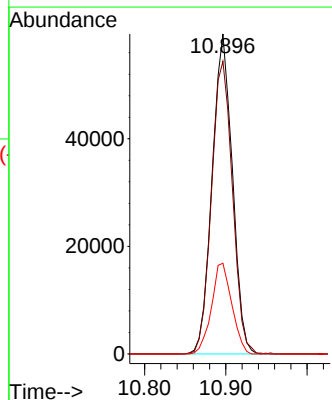
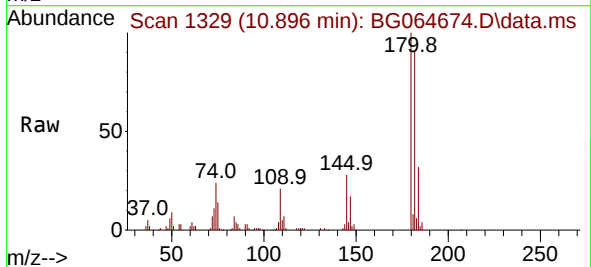
Instrument :
BNA_G
ClientSampleId :
PB170206BS

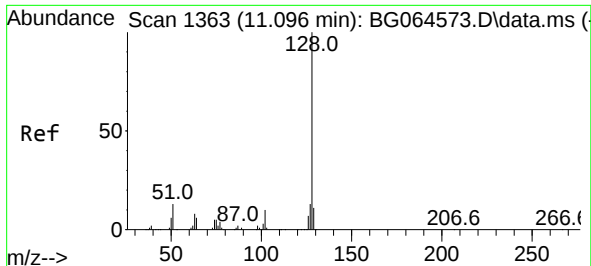
Tgt Ion:162 Resp: 94454
Ion Ratio Lower Upper
162 100
164 64.2 48.7 88.7
98 33.4 16.9 56.9



#30
1,2,4-Trichlorobenzene
Concen: 45.243 ng
RT: 10.896 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:180 Resp: 103068
Ion Ratio Lower Upper
180 100
182 91.4 76.9 115.3
145 28.4 22.1 33.1

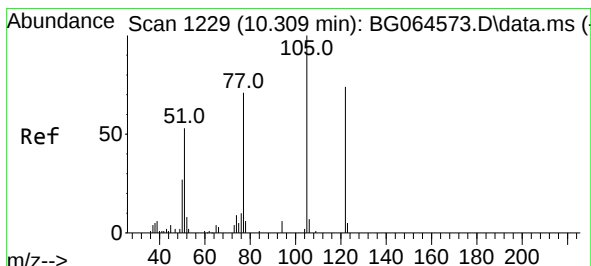
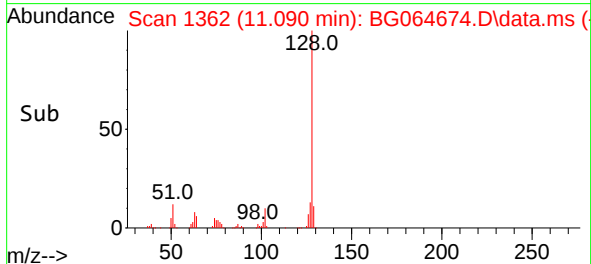
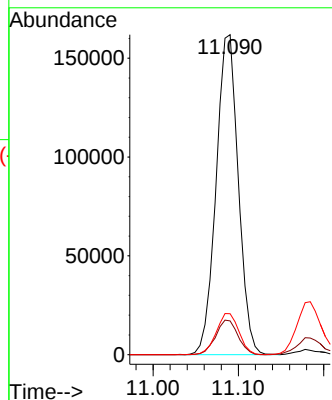
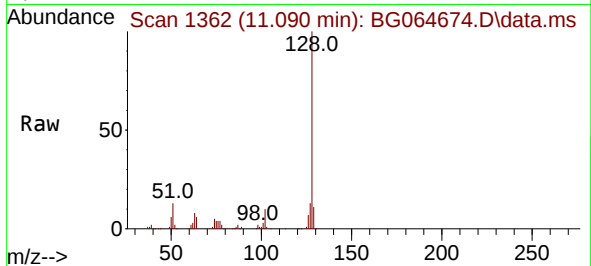




#31
Naphthalene
Concen: 42.166 ng
RT: 11.090 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

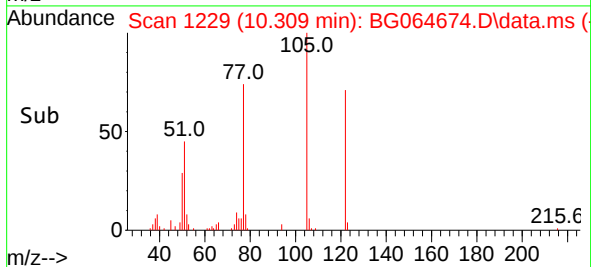
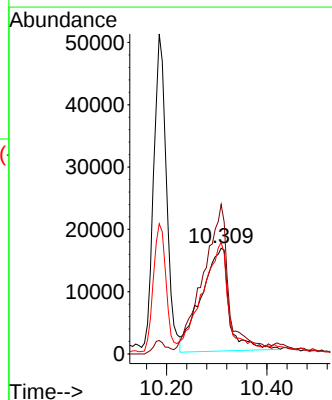
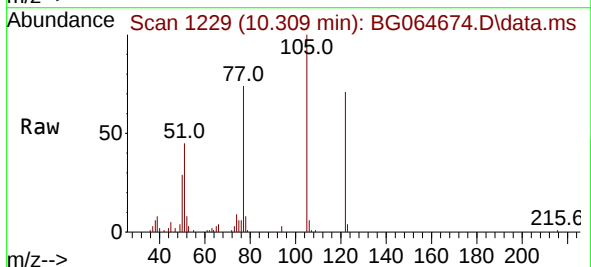
Instrument :
BNA_G
ClientSampleId :
PB170206BS

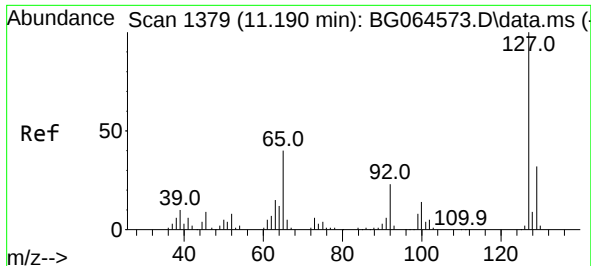
Tgt Ion:128 Resp: 293092
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 12.8 10.6 15.8



#32
Benzoic acid
Concen: 45.431 ng
RT: 10.309 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:122 Resp: 63994
Ion Ratio Lower Upper
122 100
105 141.5 104.2 144.2
77 105.3 70.2 110.2

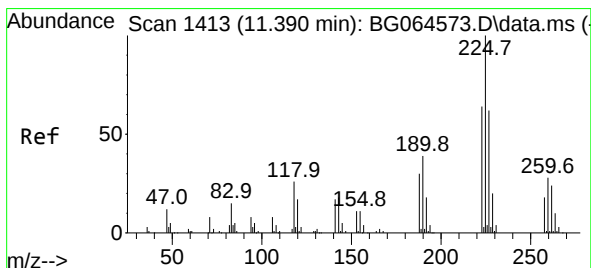
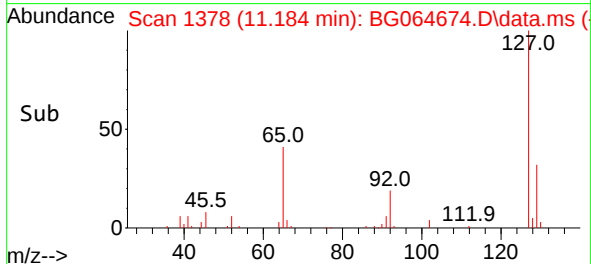
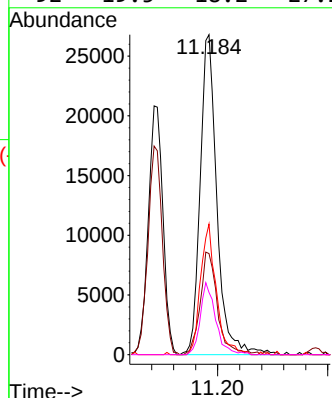
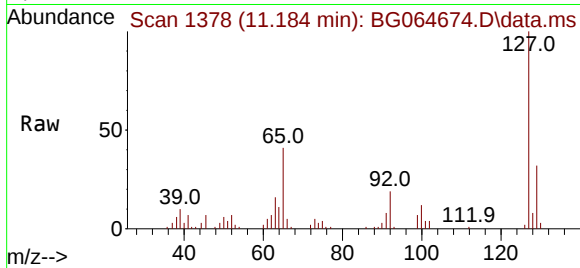




#33
4-Chloroaniline
Concen: 20.955 ng
RT: 11.184 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

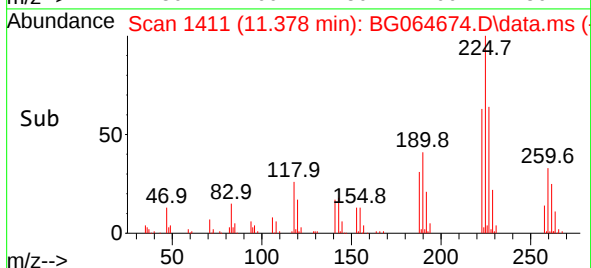
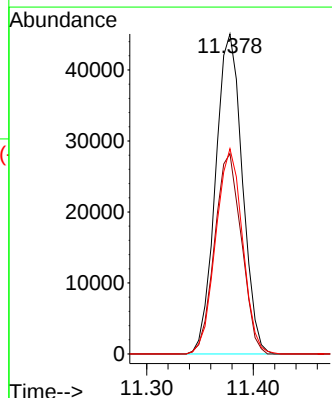
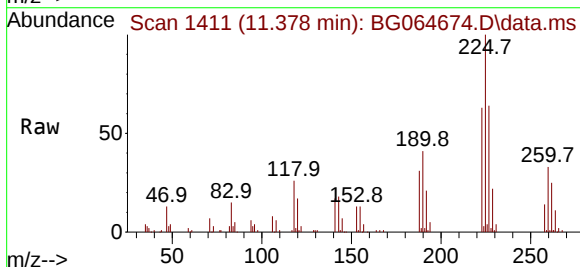
Instrument :
BNA_G
ClientSampleId :
PB170206BS

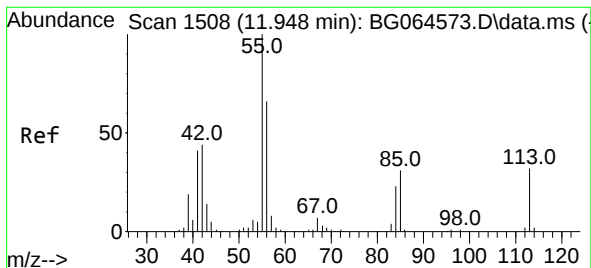
Tgt Ion:127	Resp:	56613
Ion Ratio	Lower	Upper
127	100	
129	31.6	25.5 38.3
65	40.8	32.2 48.4
92	19.5	18.2 27.2



#34
Hexachlorobutadiene
Concen: 44.182 ng
RT: 11.378 min Scan# 1411
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:225	Resp:	78715
Ion Ratio	Lower	Upper
225	100	
223	60.1	48.8 73.2
227	61.6	49.5 74.3





#35

Caprolactam

Concen: 19.291 ng

RT: 11.954 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG064674.D

Acq: 3 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170206BS

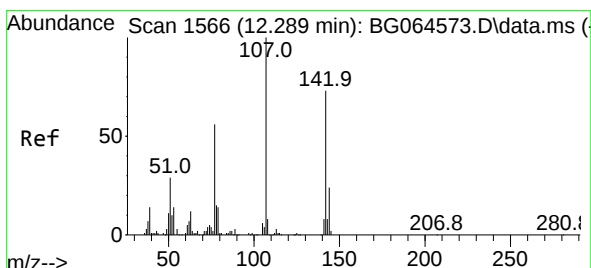
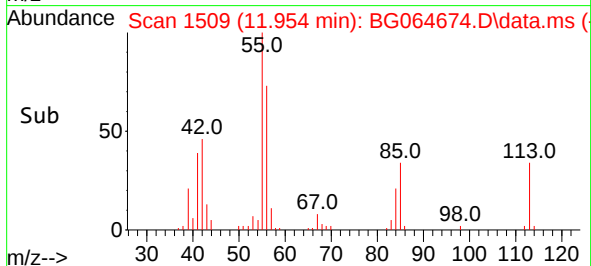
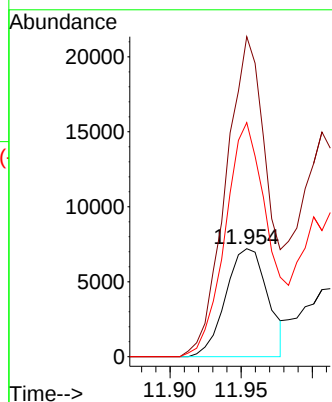
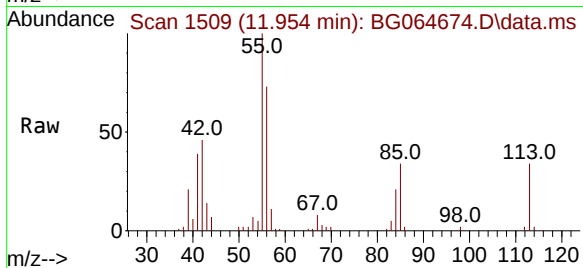
Tgt Ion:113 Resp: 14835

Ion Ratio Lower Upper

113 100

55 296.4 290.1 330.1

56 216.8 183.8 223.8



#36

4-Chloro-3-methylphenol

Concen: 45.960 ng

RT: 12.289 min Scan# 1566

Delta R.T. 0.000 min

Lab File: BG064674.D

Acq: 3 Nov 2025 15:57

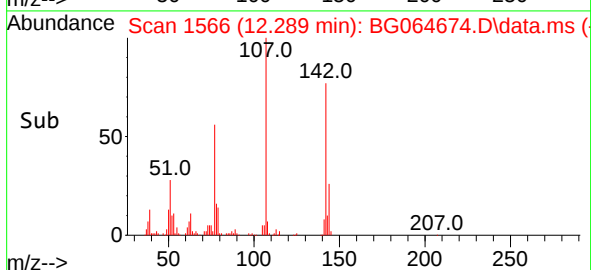
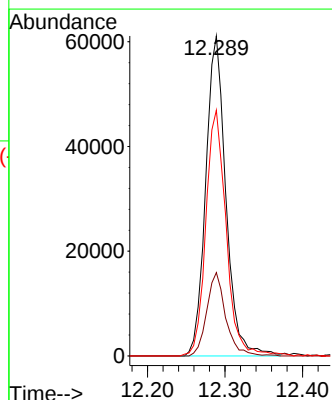
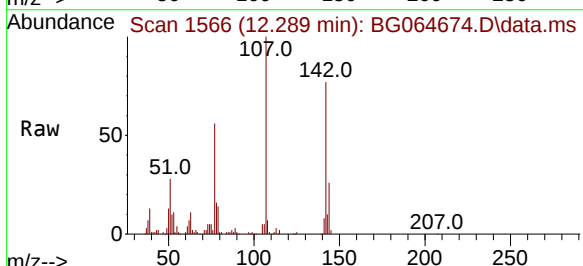
Tgt Ion:107 Resp: 110767

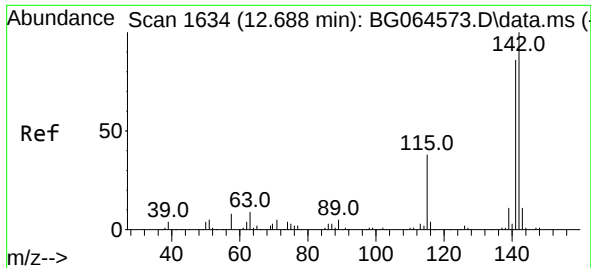
Ion Ratio Lower Upper

107 100

144 26.1 19.1 28.7

142 76.8 58.6 87.8

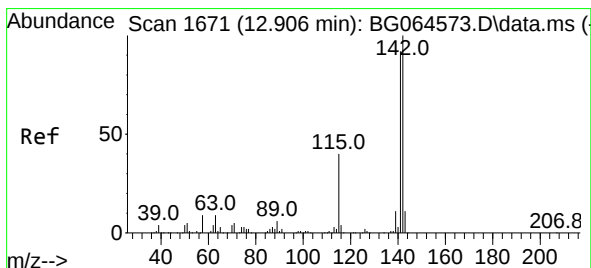
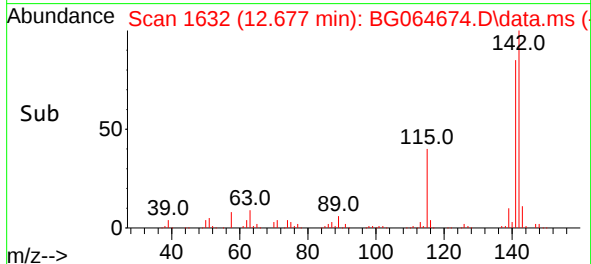
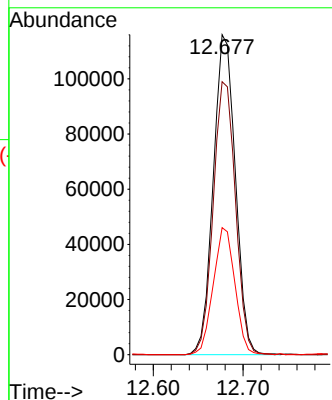
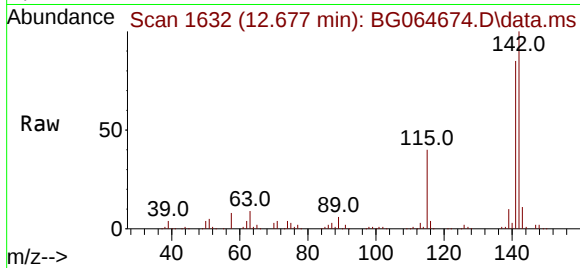




#37
2-Methylnaphthalene
Concen: 38.860 ng
RT: 12.677 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

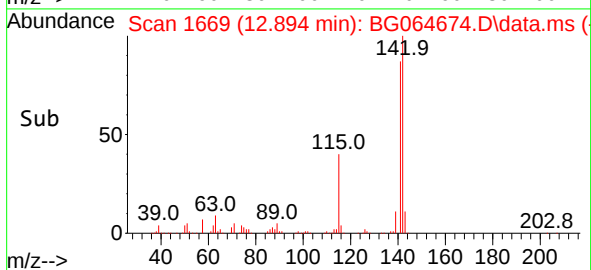
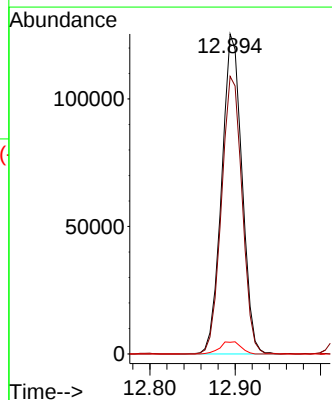
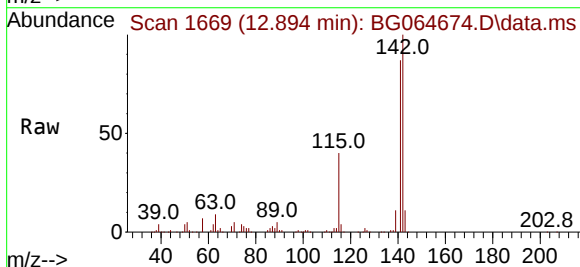
Instrument :
BNA_G
ClientSampleId :
PB170206BS

Tgt Ion:142 Resp: 198311
Ion Ratio Lower Upper
142 100
141 85.3 68.9 103.3
115 39.7 30.6 46.0



#38
1-Methylnaphthalene
Concen: 41.091 ng
RT: 12.894 min Scan# 1669
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:142 Resp: 207592
Ion Ratio Lower Upper
142 100
141 86.7 73.3 109.9
116 3.6 3.1 4.7

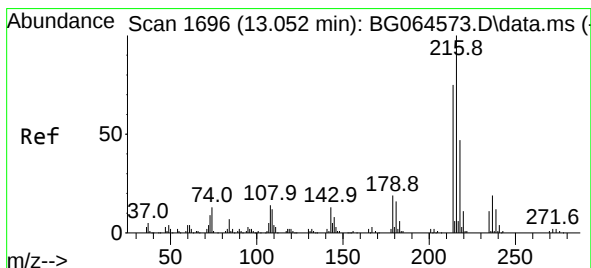
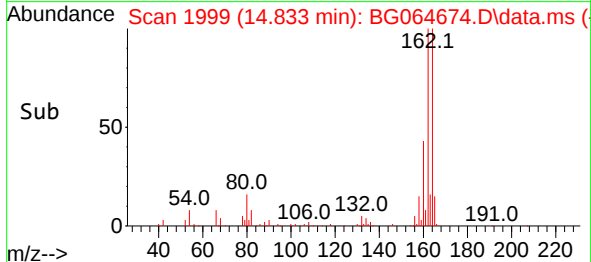
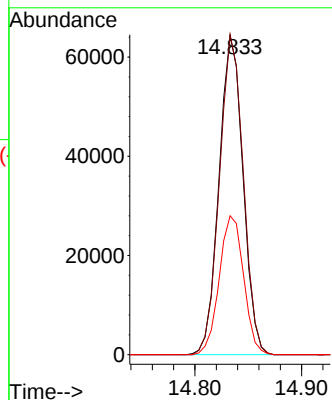
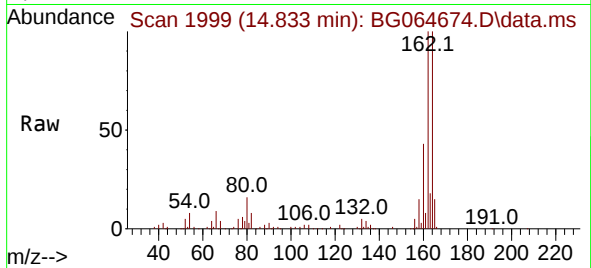




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.833 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

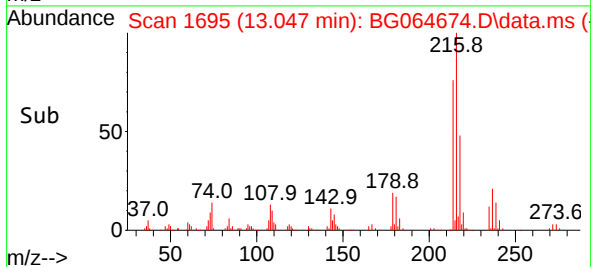
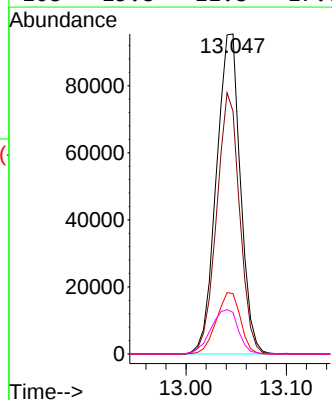
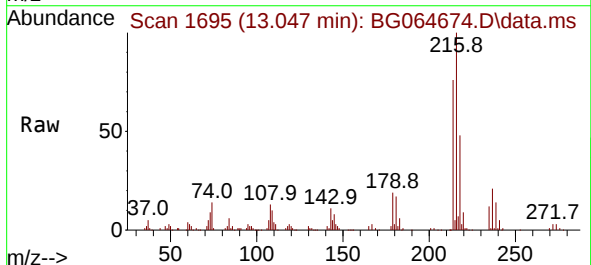
Instrument :
BNA_G
ClientSampleId :
PB170206BS

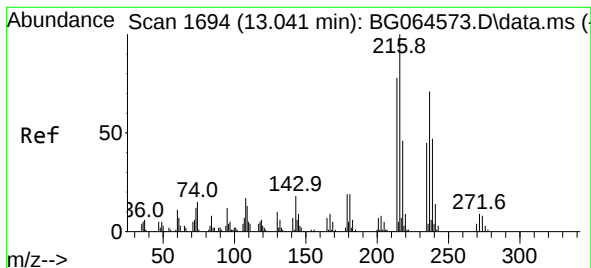
Tgt Ion:164 Resp: 100193
Ion Ratio Lower Upper
164 100
162 100.2 77.0 115.6
160 43.5 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.157 ng
RT: 13.047 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:216 Resp: 158567
Ion Ratio Lower Upper
216 100
214 77.9 61.4 92.2
179 19.1 15.4 23.0
108 15.8 11.8 17.6





#41

Hexachlorocyclopentadiene

Concen: 127.184 ng

RT: 13.029 min Scan# 1

Delta R.T. -0.012 min

Lab File: BG064674.D

Acq: 3 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170206BS

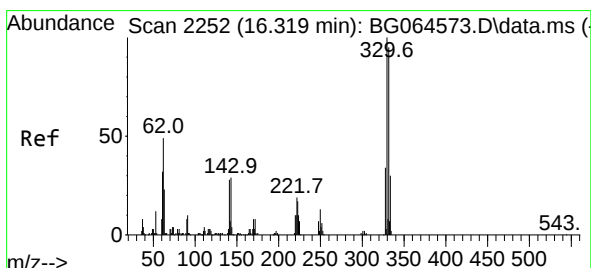
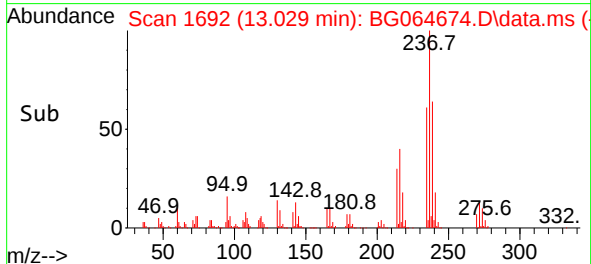
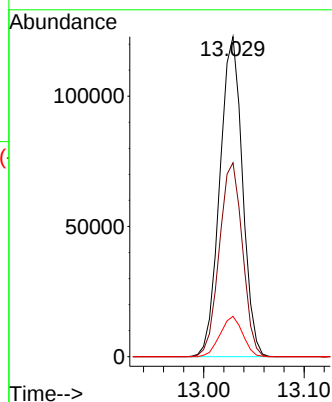
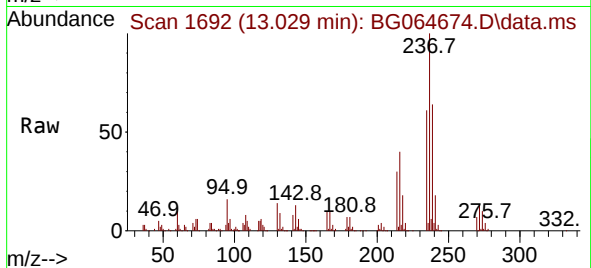
Tgt Ion:237 Resp: 192494

Ion Ratio Lower Upper

237 100

235 60.6 44.1 84.1

272 12.6 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 147.083 ng

RT: 16.314 min Scan# 2251

Delta R.T. -0.006 min

Lab File: BG064674.D

Acq: 3 Nov 2025 15:57

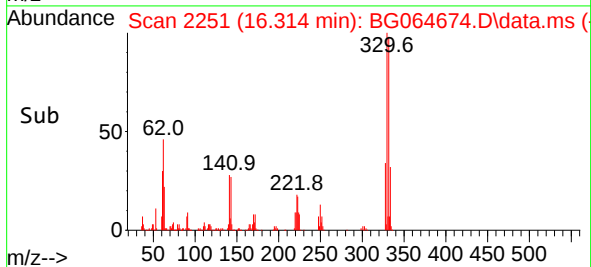
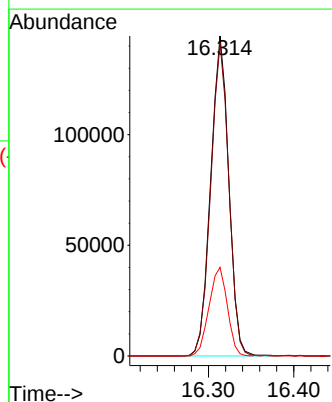
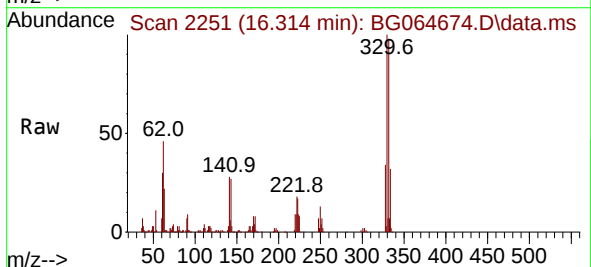
Tgt Ion:330 Resp: 212695

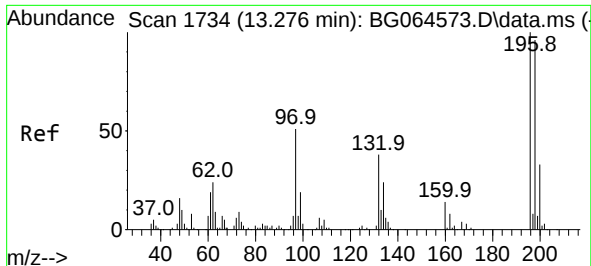
Ion Ratio Lower Upper

330 100

332 97.7 78.0 117.0

141 28.0 21.8 32.6

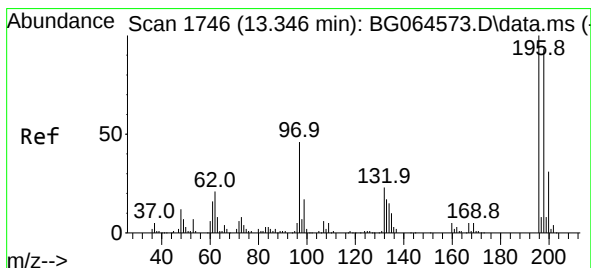
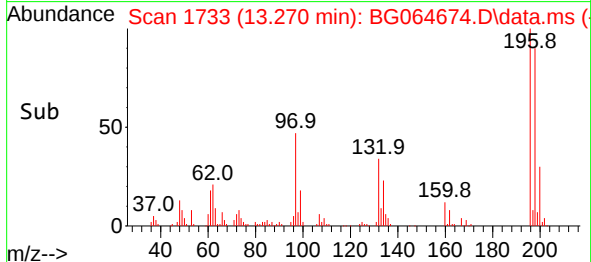
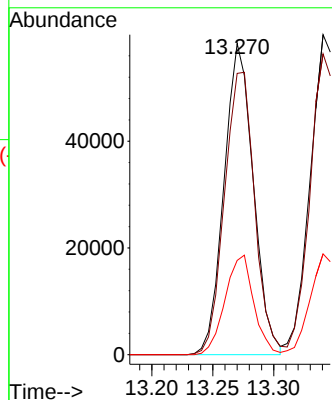
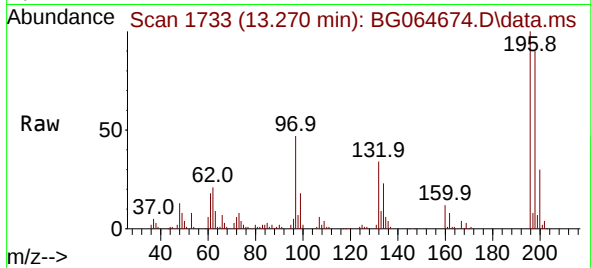




#43
2,4,6-Trichlorophenol
Concen: 50.723 ng
RT: 13.270 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

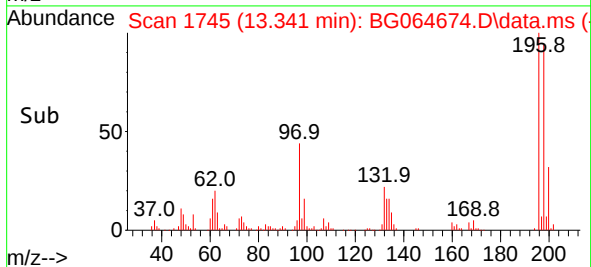
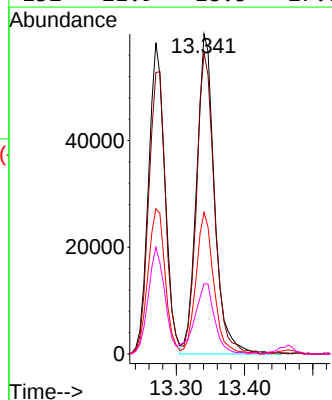
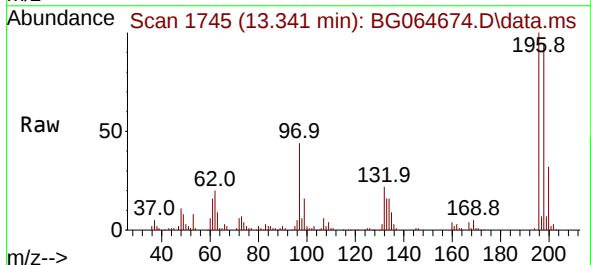
Instrument :
BNA_G
ClientSampleId :
PB170206BS

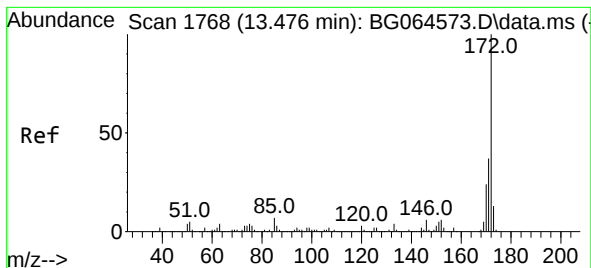
Tgt Ion:196 Resp: 97561
Ion Ratio Lower Upper
196 100
198 90.4 76.6 115.0
200 30.3 26.0 39.0



#44
2,4,5-Trichlorophenol
Concen: 49.329 ng
RT: 13.341 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:196 Resp: 109490
Ion Ratio Lower Upper
196 100
198 94.0 74.2 111.4
97 44.2 37.0 55.6
132 21.9 18.5 27.7

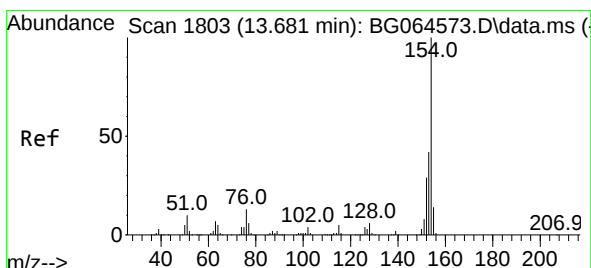
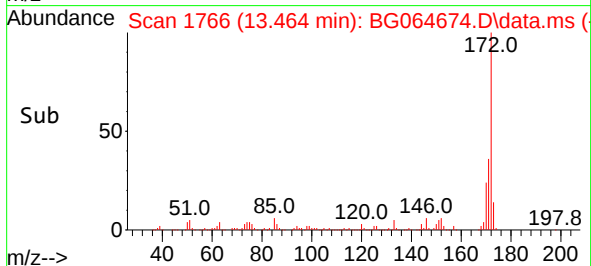
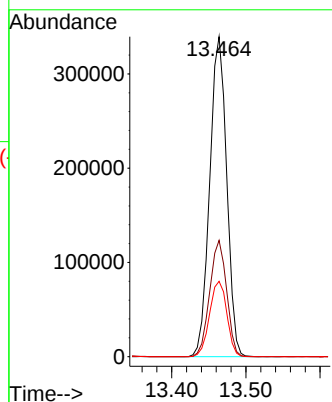
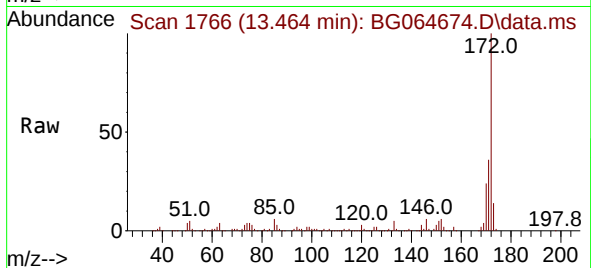




#45
2-Fluorobiphenyl
Concen: 81.640 ng
RT: 13.464 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

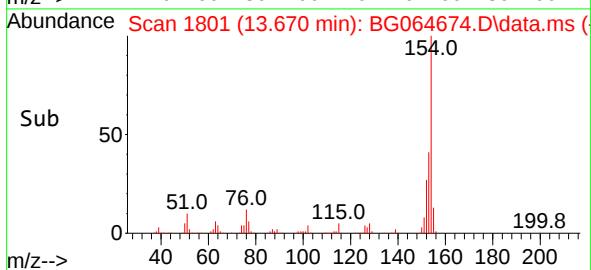
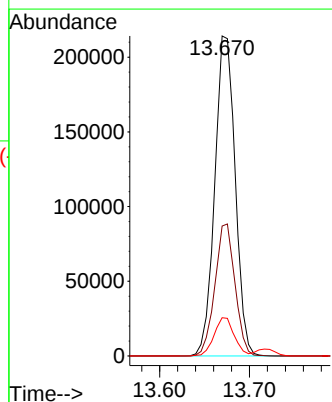
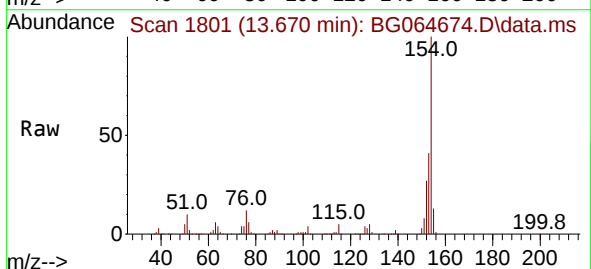
Instrument :
BNA_G
ClientSampleId :
PB170206BS

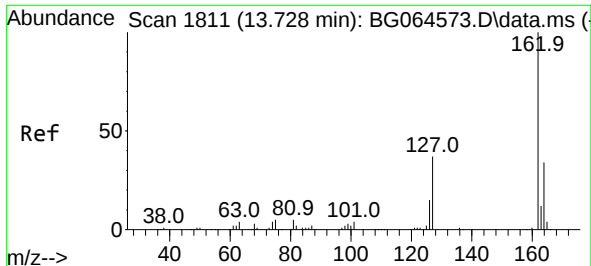
Tgt Ion:172 Resp: 539651
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 23.5 19.1 28.7



#46
1,1'-Biphenyl
Concen: 47.413 ng
RT: 13.670 min Scan# 1801
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:154 Resp: 337726
Ion Ratio Lower Upper
154 100
153 40.6 22.4 62.4
76 12.0 0.0 33.5

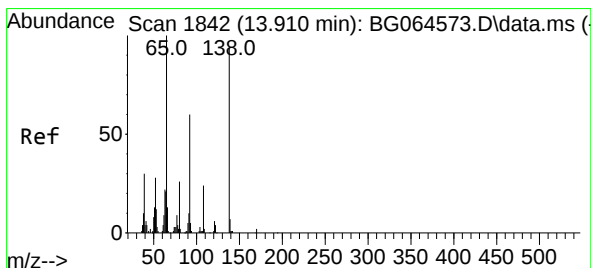
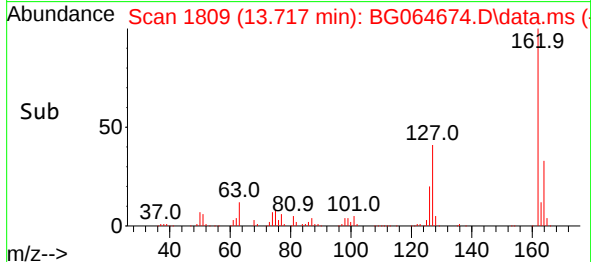
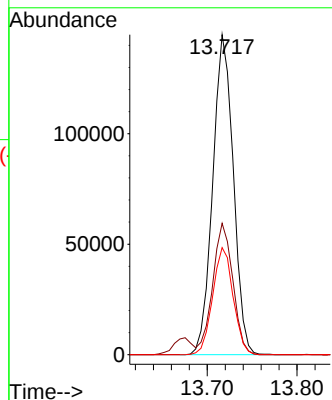
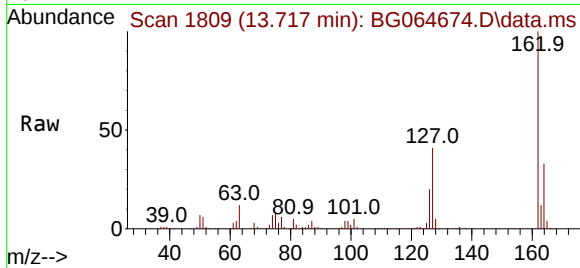




#47
2-Chloronaphthalene
Concen: 42.838 ng
RT: 13.717 min Scan# 1809
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

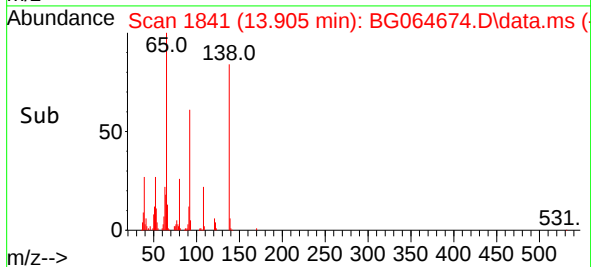
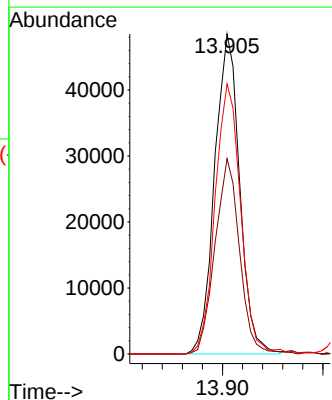
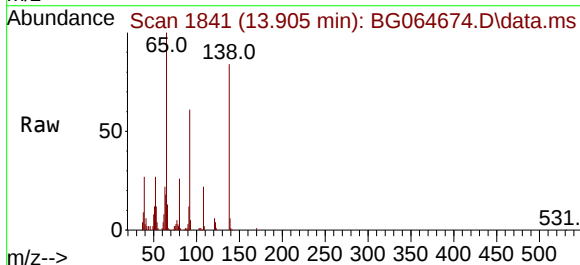
Instrument :
BNA_G
ClientSampleId :
PB170206BS

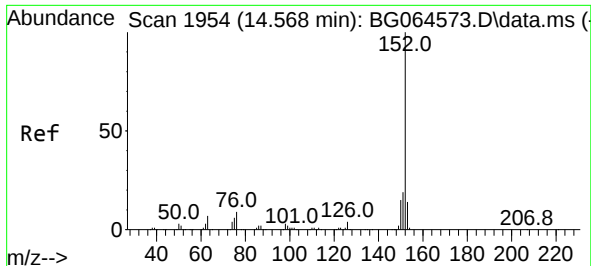
Tgt Ion:162 Resp: 230325
Ion Ratio Lower Upper
162 100
127 41.0 32.2 48.2
164 33.5 27.5 41.3



#48
2-Nitroaniline
Concen: 46.518 ng
RT: 13.905 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion: 65 Resp: 83771
Ion Ratio Lower Upper
65 100
92 61.1 48.3 72.5
138 84.4 74.9 112.3

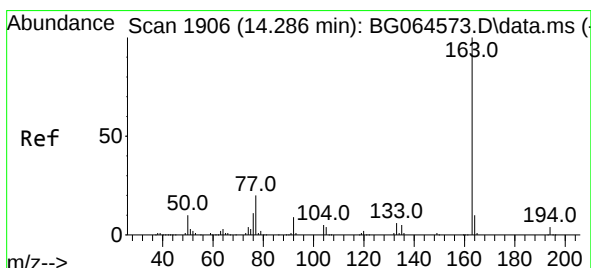
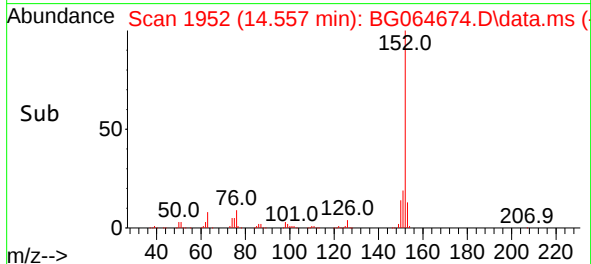
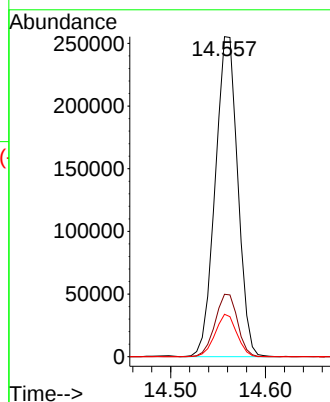
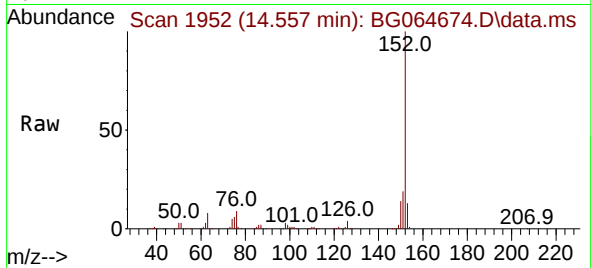




#49
Acenaphthylene
Concen: 49.761 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

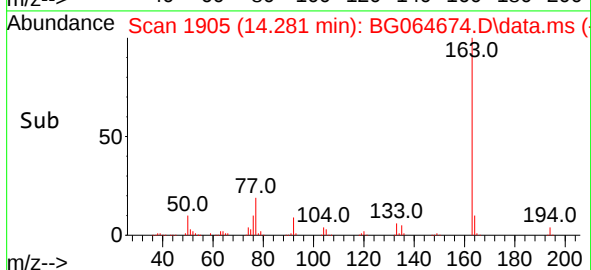
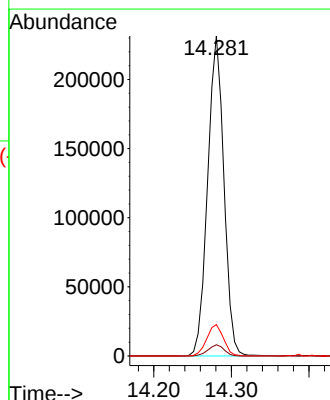
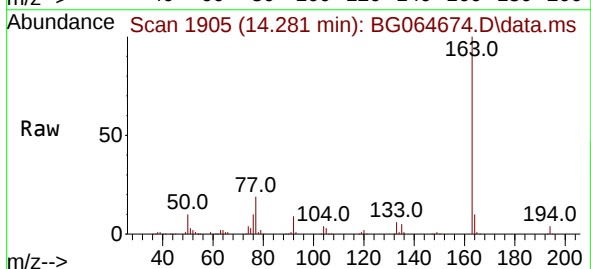
Instrument :
BNA_G
ClientSampleId :
PB170206BS

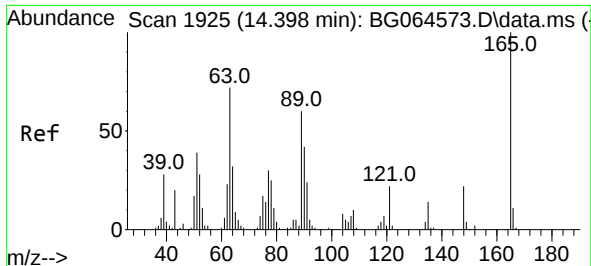
Tgt Ion:152 Resp: 422008
Ion Ratio Lower Upper
152 100
151 19.5 15.4 23.2
153 13.3 11.0 16.4



#50
Dimethylphthalate
Concen: 43.902 ng
RT: 14.281 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:163 Resp: 336584
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.8 7.7 11.5

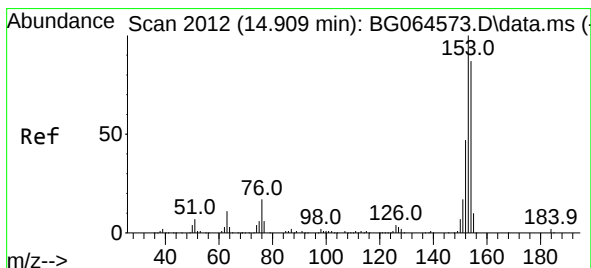
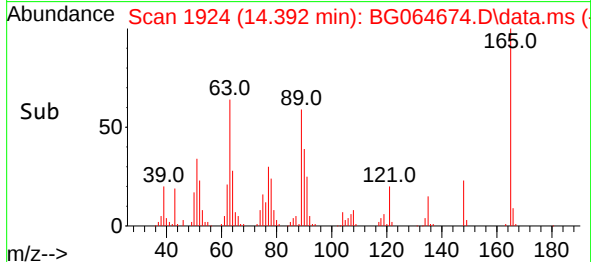
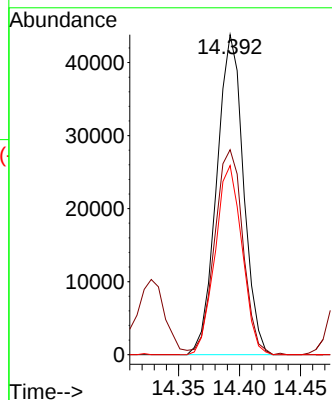
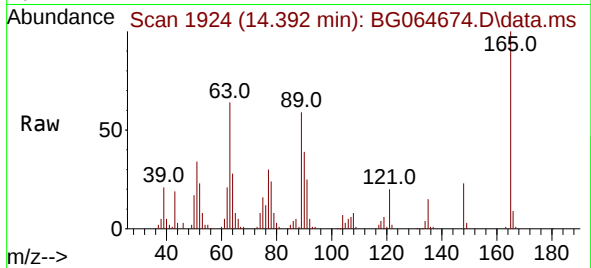




#51
2,6-Dinitrotoluene
Concen: 52.632 ng
RT: 14.392 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

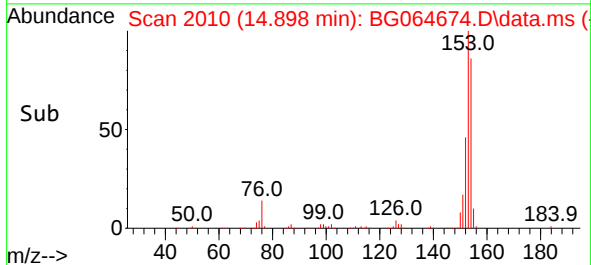
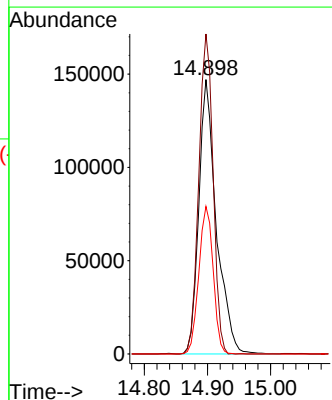
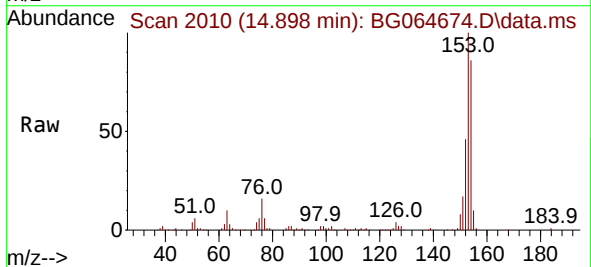
Instrument :
BNA_G
ClientSampleId :
PB170206BS

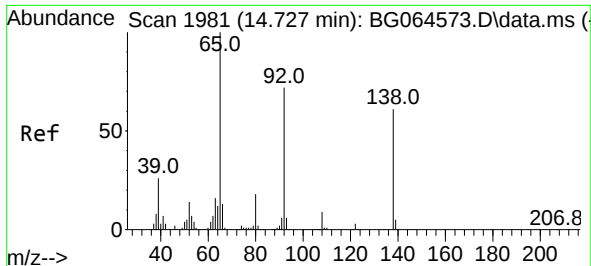
Tgt Ion:165 Resp: 66999
Ion Ratio Lower Upper
165 100
63 64.0 57.4 86.0
89 59.1 47.8 71.8



#52
Acenaphthene
Concen: 48.977 ng
RT: 14.898 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:154 Resp: 283781
Ion Ratio Lower Upper
154 100
153 116.6 92.2 138.4
152 53.8 43.2 64.8

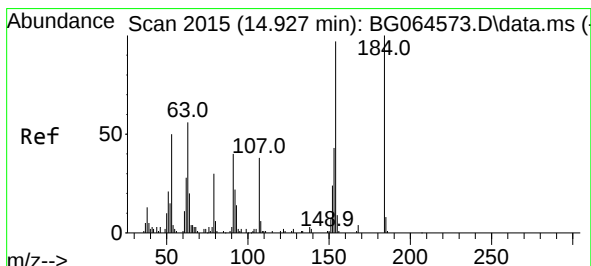
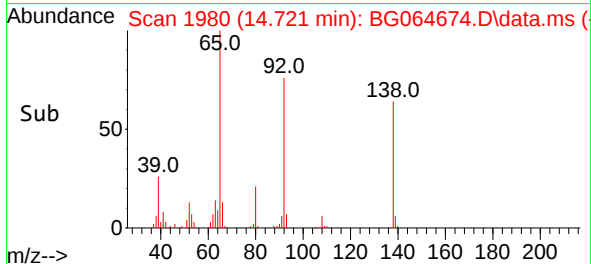
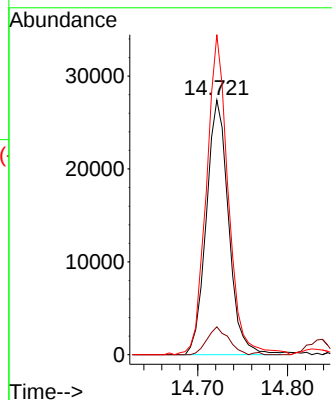
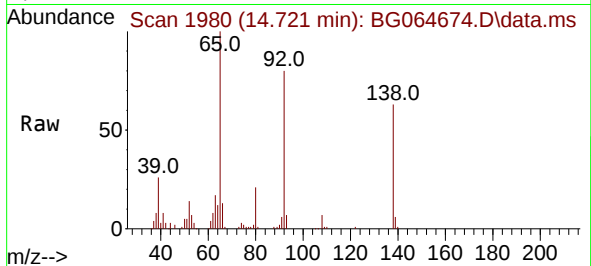




#53
3-Nitroaniline
Concen: 35.932 ng
RT: 14.721 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

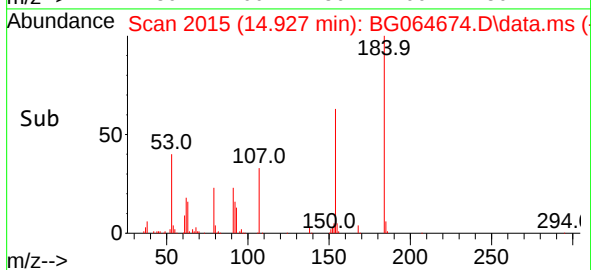
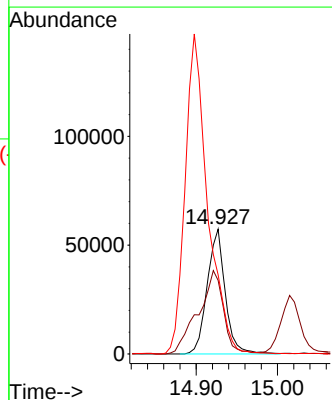
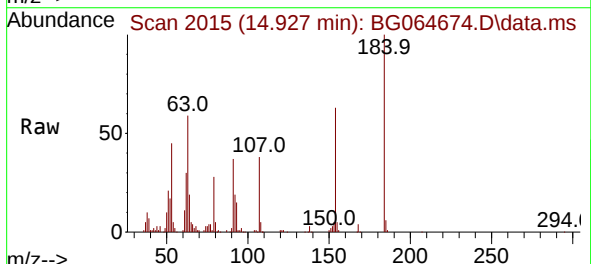
Instrument :
BNA_G
ClientSampleId :
PB170206BS

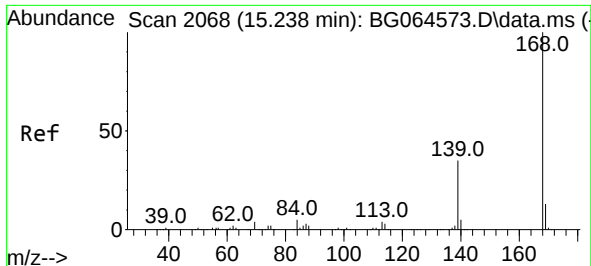
Tgt Ion:138 Resp: 47343
Ion Ratio Lower Upper
138 100
108 10.9 11.4 17.0#
92 125.7 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 111.576 ng
RT: 14.927 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:184 Resp: 88446
Ion Ratio Lower Upper
184 100
63 58.9 56.6 85.0
154 63.4 158.6 238.0#

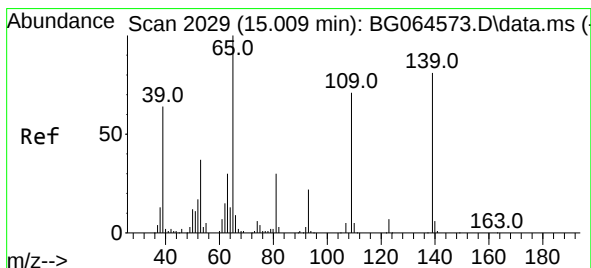
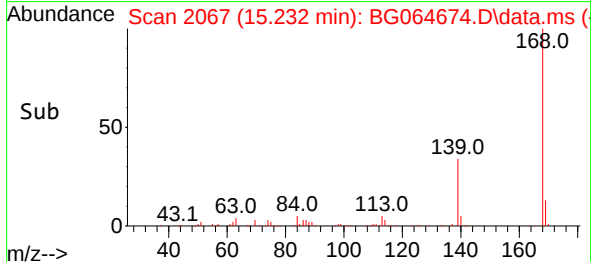
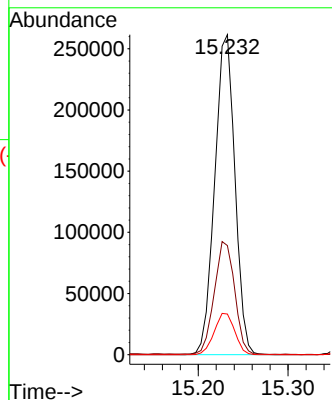
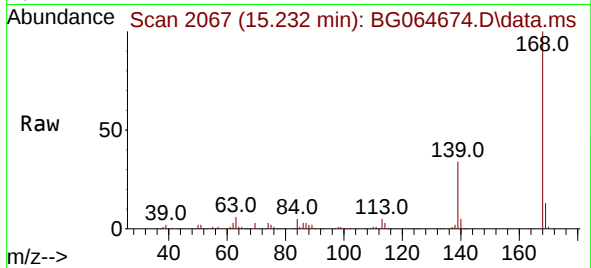




#55
Dibenzofuran
Concen: 43.519 ng
RT: 15.232 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

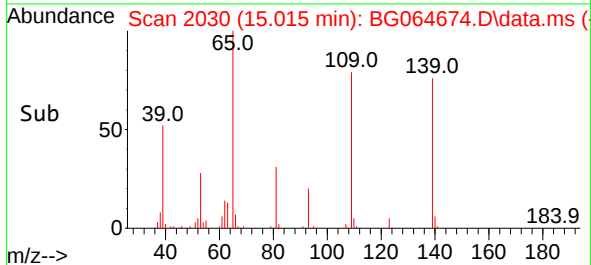
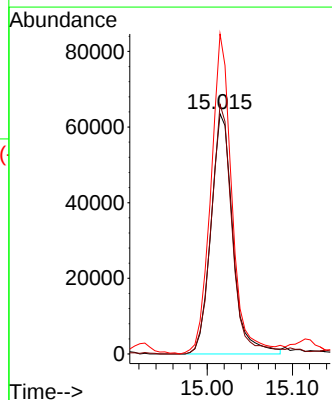
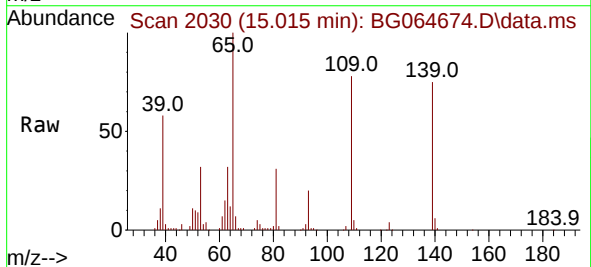
Instrument :
BNA_G
ClientSampleId :
PB170206BS

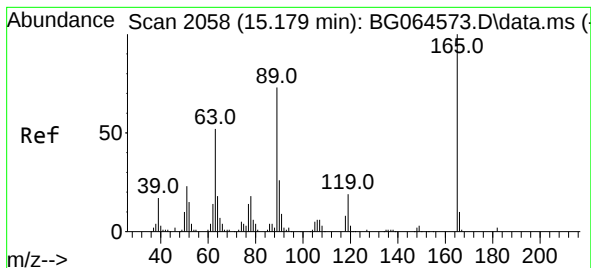
Tgt Ion:168 Resp: 407661
Ion Ratio Lower Upper
168 100
139 34.1 27.8 41.8
169 12.7 10.3 15.5



#56
4-Nitrophenol
Concen: 92.945 ng
RT: 15.015 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:139 Resp: 113539
Ion Ratio Lower Upper
139 100
109 103.9 67.8 107.8
65 133.2 103.7 143.7

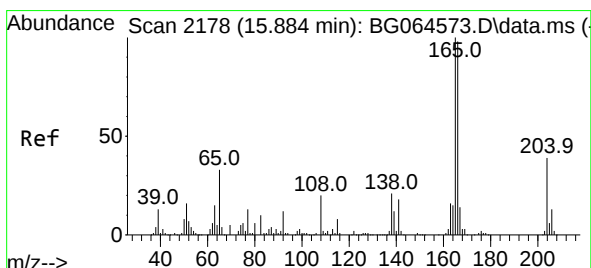
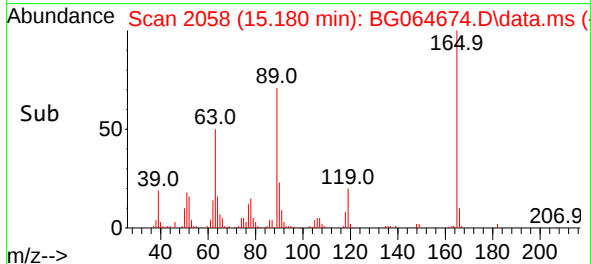
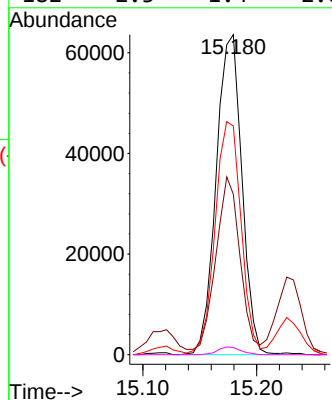
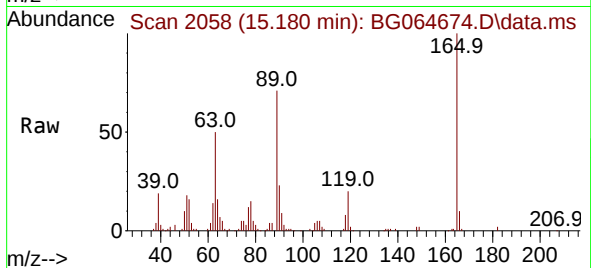




#57
2,4-Dinitrotoluene
Concen: 50.936 ng
RT: 15.180 min Scan# 2058
Delta R.T. 0.001 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

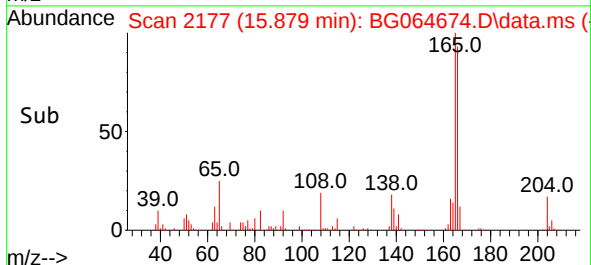
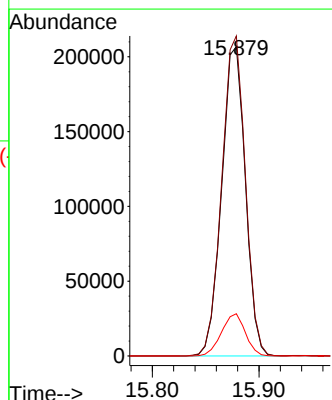
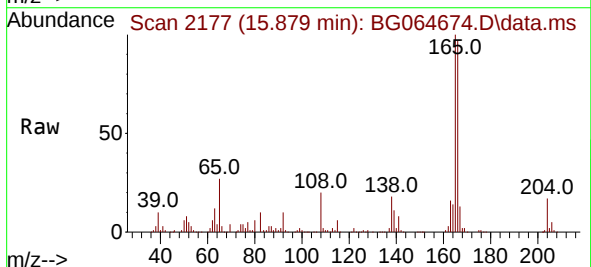
Instrument :
BNA_G
ClientSampleId :
PB170206BS

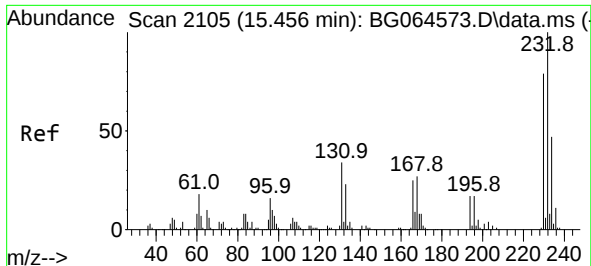
Tgt Ion:165 Resp: 100016
Ion Ratio Lower Upper
165 100
63 50.2 41.8 62.8
89 71.5 58.1 87.1
182 2.3 1.4 2.0#



#58
Fluorene
Concen: 43.579 ng
RT: 15.879 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:166 Resp: 318811
Ion Ratio Lower Upper
166 100
165 103.4 81.5 122.3
167 13.6 11.4 17.0

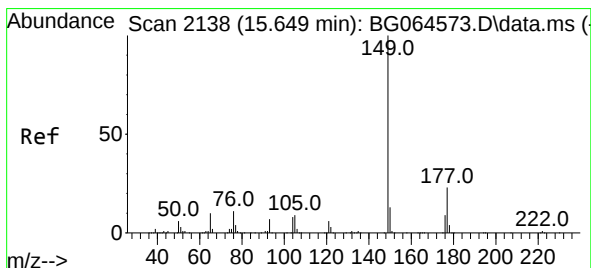
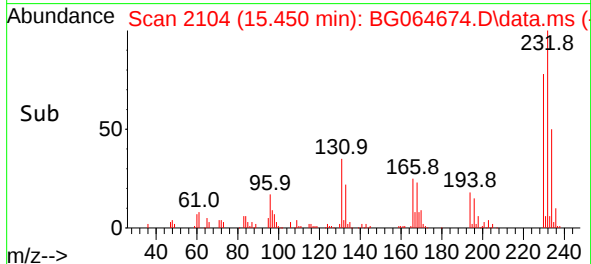
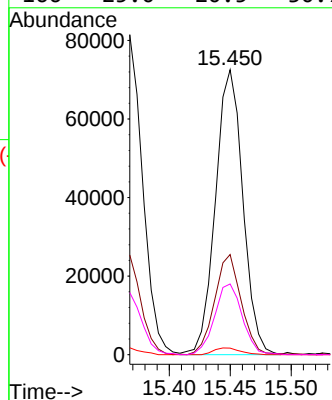
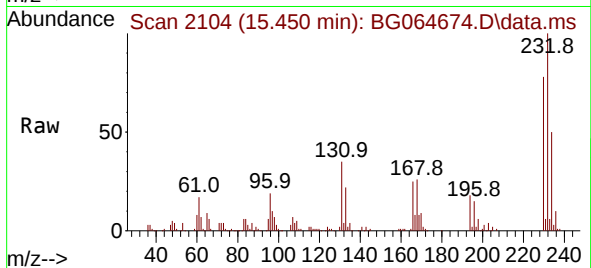




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.489 ng
RT: 15.450 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

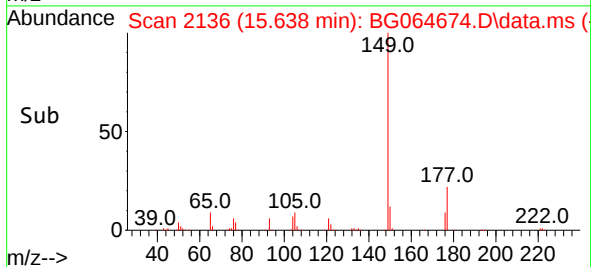
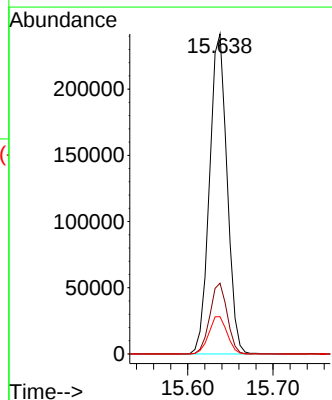
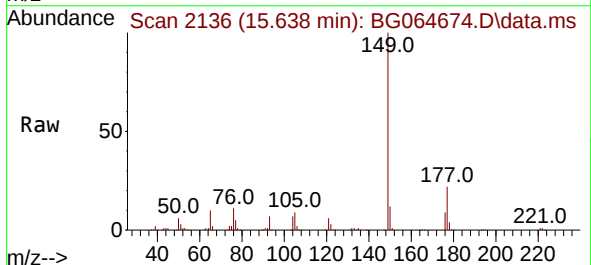
Instrument :
BNA_G
ClientSampleId :
PB170206BS

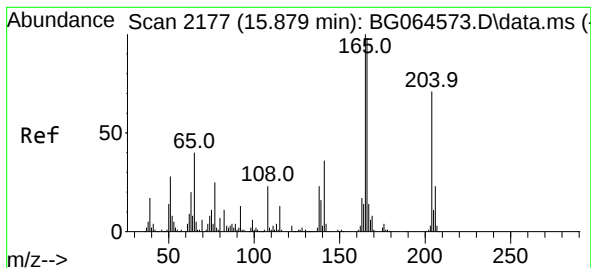
Tgt Ion:232 Resp: 113530
Ion Ratio Lower Upper
232 100
131 34.3 26.7 40.1
130 2.3 1.6 2.4
166 25.0 20.5 30.7



#60
Diethylphthalate
Concen: 44.012 ng
RT: 15.638 min Scan# 2136
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:149 Resp: 344532
Ion Ratio Lower Upper
149 100
177 22.1 18.0 27.0
150 11.7 10.2 15.4

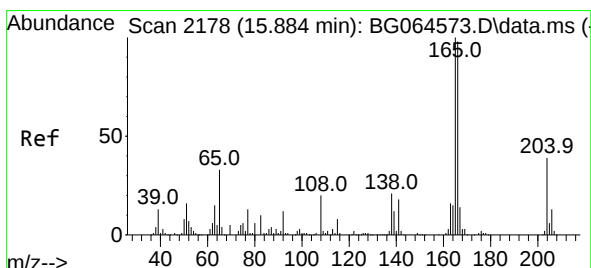
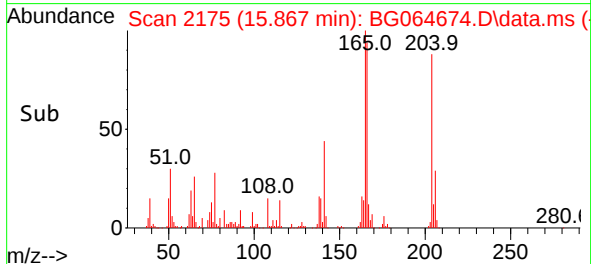
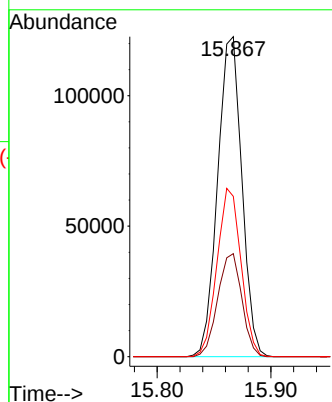
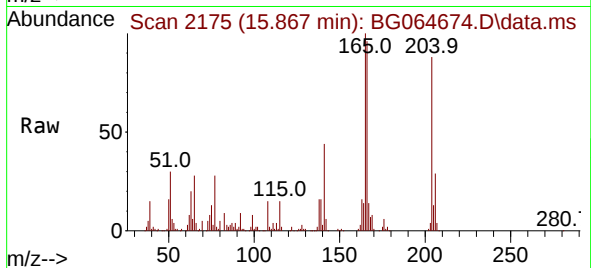




#61
4-Chlorophenyl-phenylether
Concen: 44.254 ng
RT: 15.867 min Scan# 2175
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

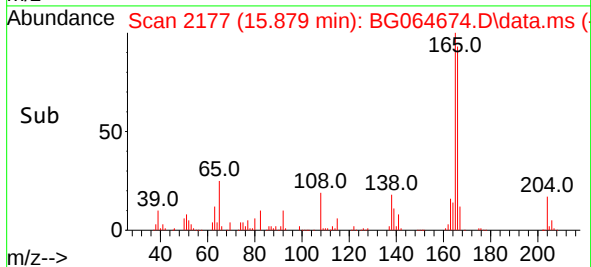
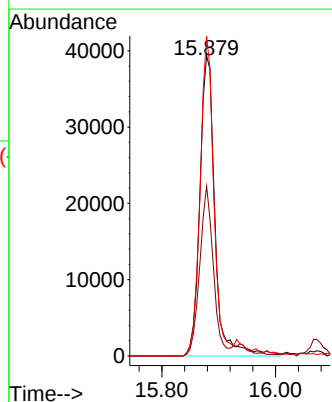
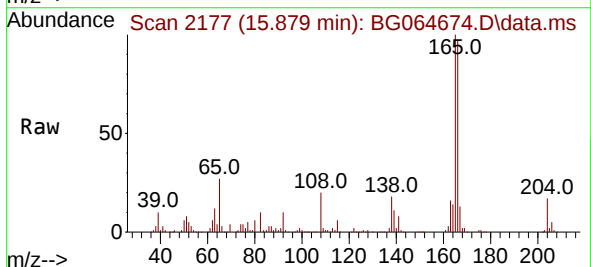
Instrument :
BNA_G
ClientSampleId :
PB170206BS

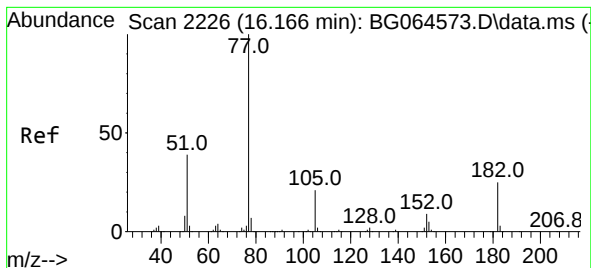
Tgt Ion:204 Resp: 181685
Ion Ratio Lower Upper
204 100
206 32.2 25.6 38.4
141 50.1 40.6 60.8



#62
4-Nitroaniline
Concen: 49.643 ng
RT: 15.879 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:138 Resp: 72768
Ion Ratio Lower Upper
138 100
92 56.5 36.1 76.1
108 106.5 75.6 115.6





#63

Azobenzene

Concen: 42.435 ng

RT: 16.155 min Scan# 21

Delta R.T. -0.012 min

Lab File: BG064674.D

Acq: 3 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170206BS

Tgt Ion: 77 Resp: 304790

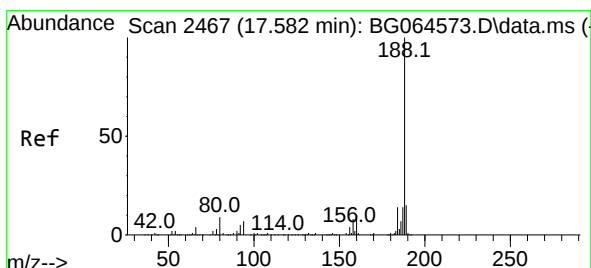
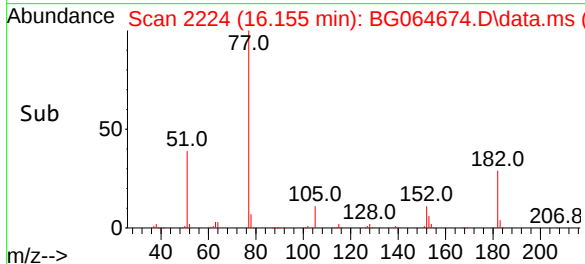
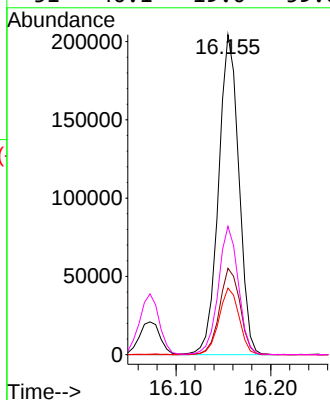
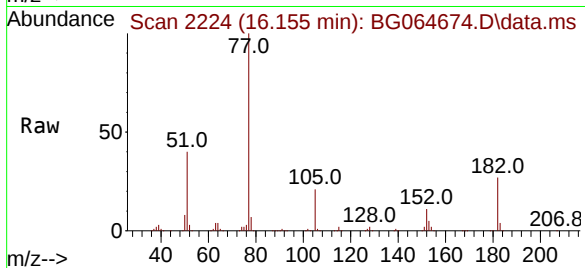
Ion Ratio Lower Upper

77 100

182 27.0 4.9 44.9

105 20.8 1.3 41.3

51 40.1 19.0 59.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.571 min Scan# 2465

Delta R.T. -0.012 min

Lab File: BG064674.D

Acq: 3 Nov 2025 15:57

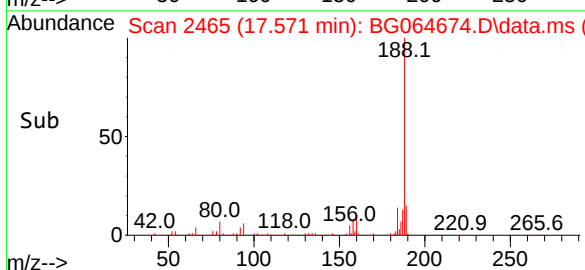
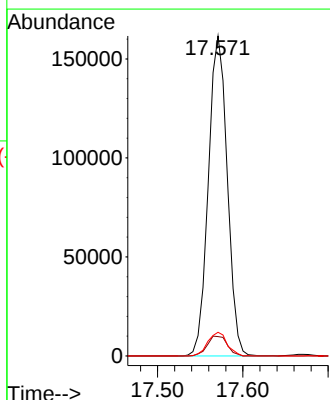
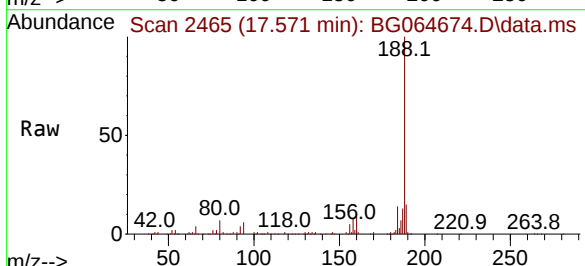
Tgt Ion:188 Resp: 249048

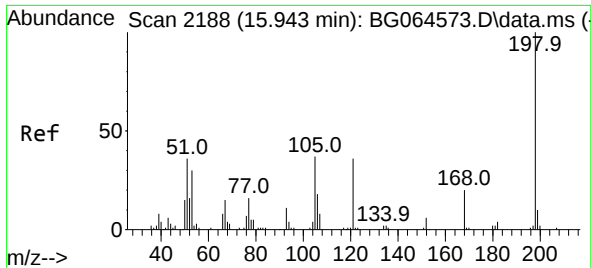
Ion Ratio Lower Upper

188 100

94 6.0 5.7 8.5

80 7.4 6.8 10.2

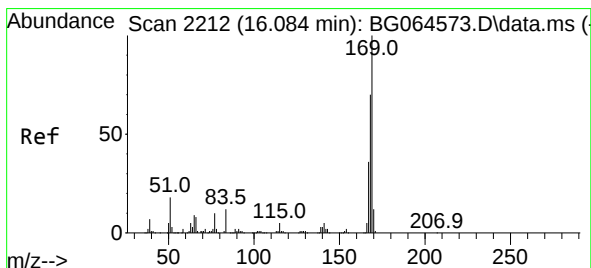
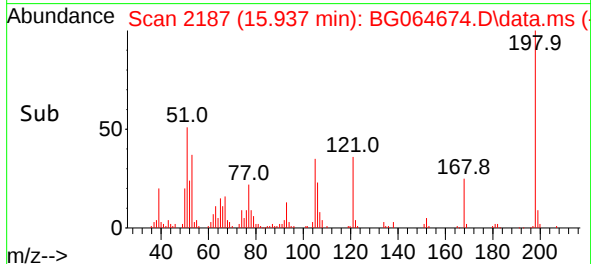
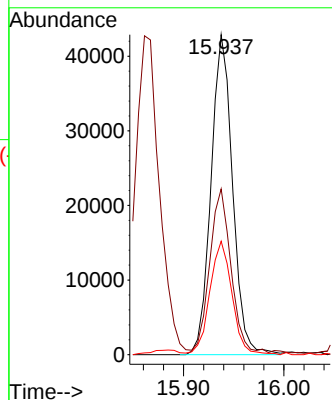
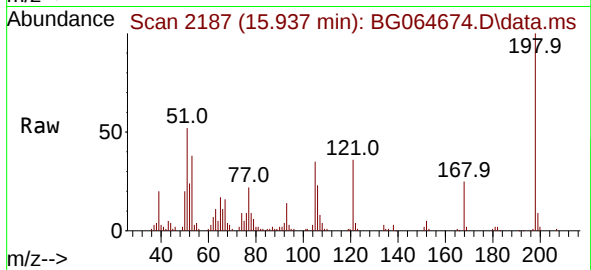




#65
 4,6-Dinitro-2-methylphenol
 Concen: 57.216 ng
 RT: 15.937 min Scan# 2188
 Delta R.T. -0.006 min
 Lab File: BG064674.D
 Acq: 3 Nov 2025 15:57

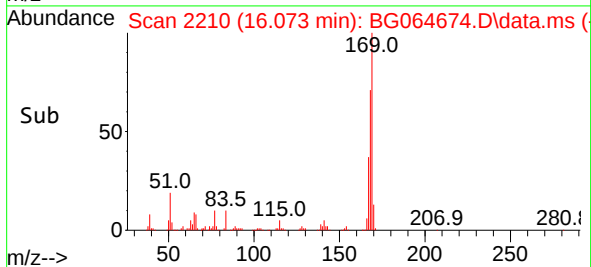
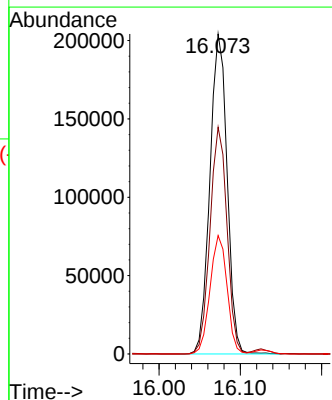
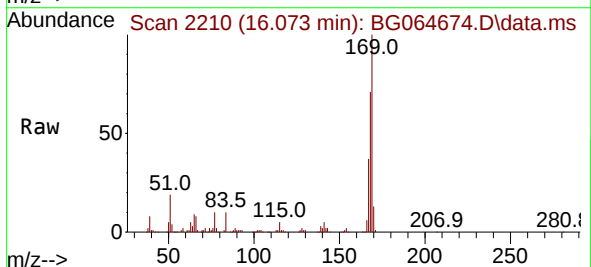
Instrument :
 BNA_G
 ClientSampleId :
 PB170206BS

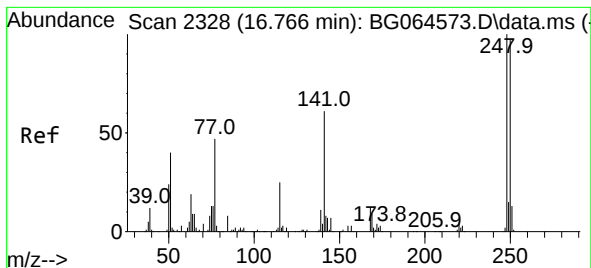
Tgt Ion:198 Resp: 63990
 Ion Ratio Lower Upper
 198 100
 51 51.8 24.7 64.7
 105 35.5 18.0 58.0



#66
 n-Nitrosodiphenylamine
 Concen: 44.665 ng
 RT: 16.073 min Scan# 2210
 Delta R.T. -0.012 min
 Lab File: BG064674.D
 Acq: 3 Nov 2025 15:57

Tgt Ion:169 Resp: 300484
 Ion Ratio Lower Upper
 169 100
 168 70.9 56.3 84.5
 167 37.0 29.0 43.6

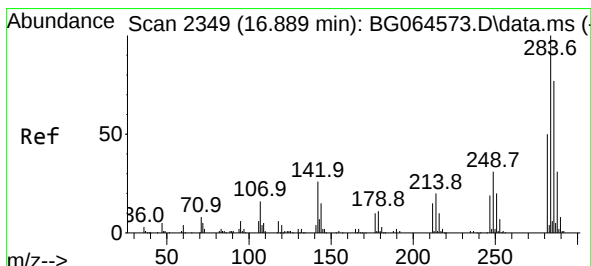
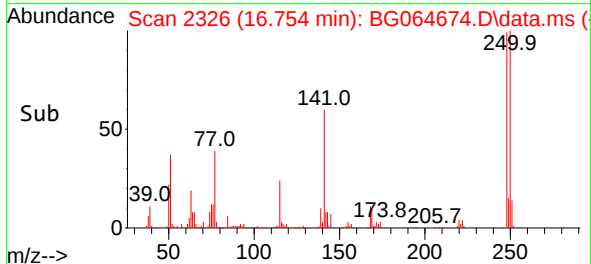
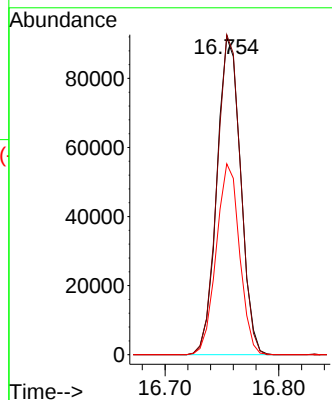
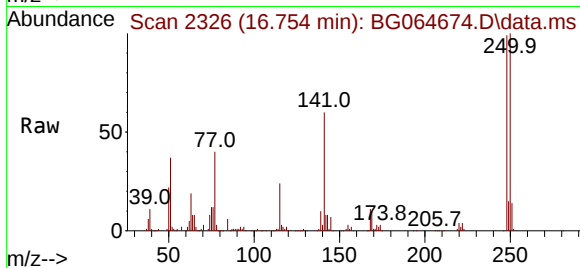




#67
4-Bromophenyl-phenylether
Concen: 45.068 ng
RT: 16.754 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

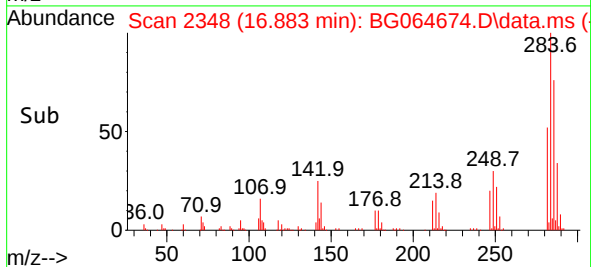
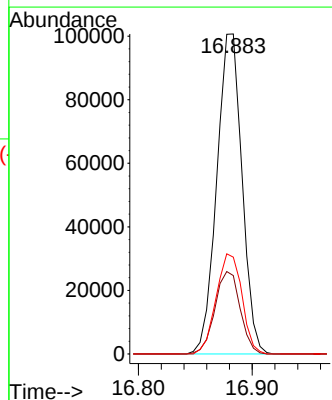
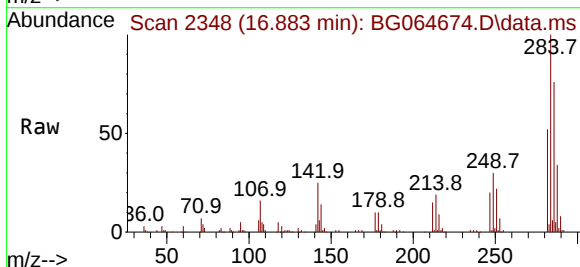
Instrument :
BNA_G
ClientSampleId :
PB170206BS

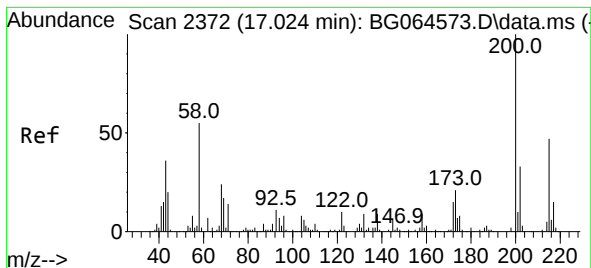
Tgt Ion:248 Resp: 133009
Ion Ratio Lower Upper
248 100
250 100.8 77.7 116.5
141 60.1 48.6 72.8



#68
Hexachlorobenzene
Concen: 46.126 ng
RT: 16.883 min Scan# 2348
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:284 Resp: 155303
Ion Ratio Lower Upper
284 100
142 24.5 21.0 31.6
249 32.7 24.9 37.3





#69

Atrazine

Concen: 48.248 ng

RT: 17.019 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG064674.D

Acq: 3 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170206BS

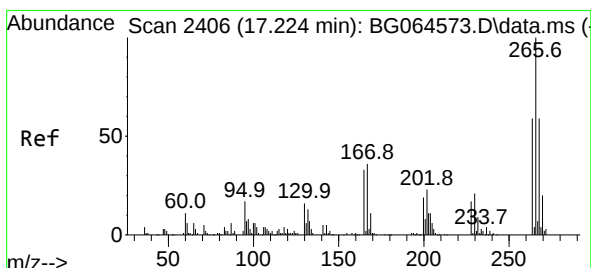
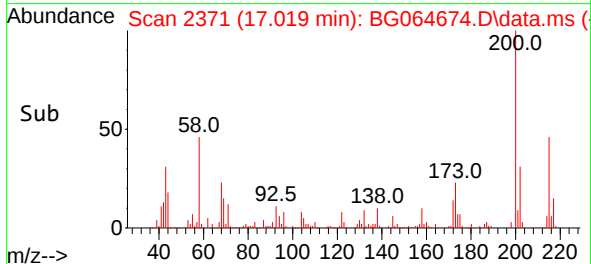
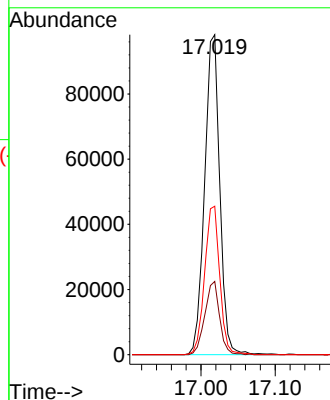
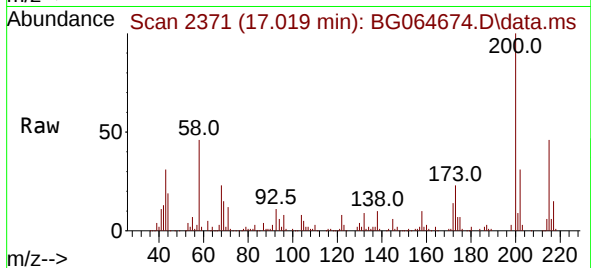
Tgt Ion:200 Resp: 139683

Ion Ratio Lower Upper

200 100

173 22.9 0.9 40.9

215 46.4 27.0 67.0



#70

Pentachlorophenol

Concen: 98.918 ng

RT: 17.218 min Scan# 2405

Delta R.T. -0.006 min

Lab File: BG064674.D

Acq: 3 Nov 2025 15:57

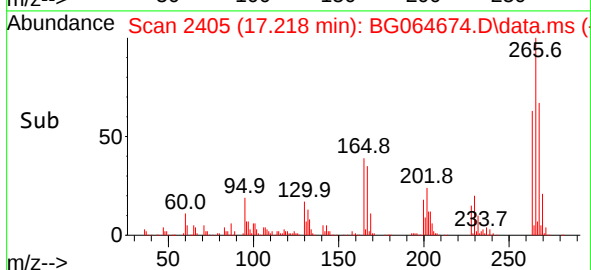
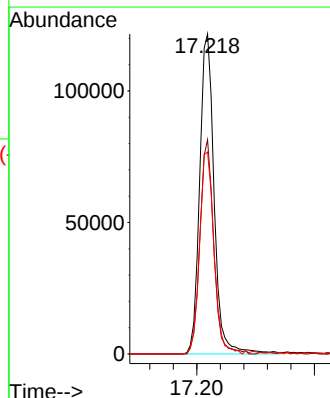
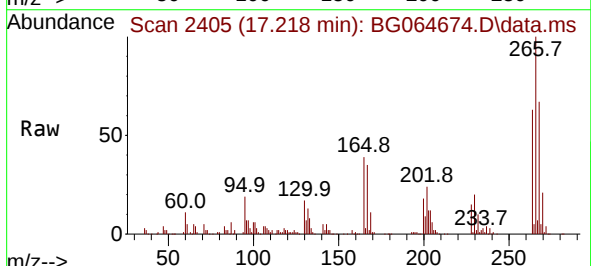
Tgt Ion:266 Resp: 207688

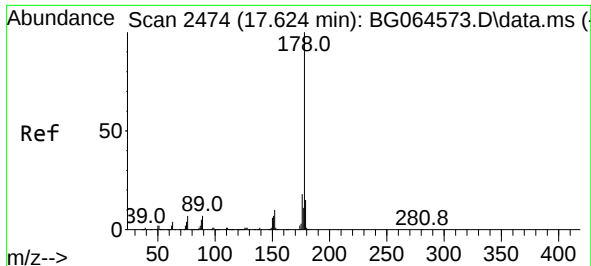
Ion Ratio Lower Upper

266 100

268 71.8 50.3 75.5

264 68.2 47.3 70.9

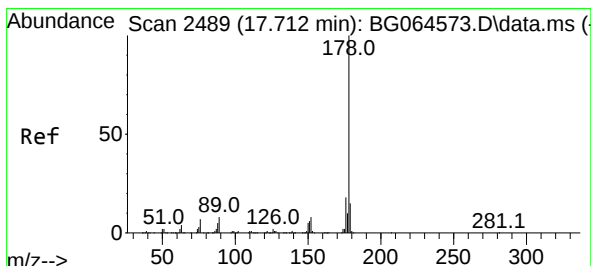
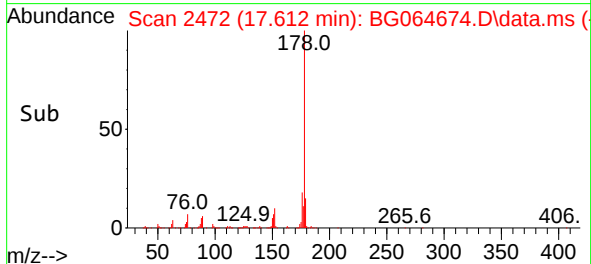
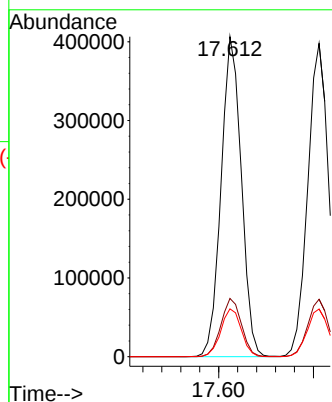
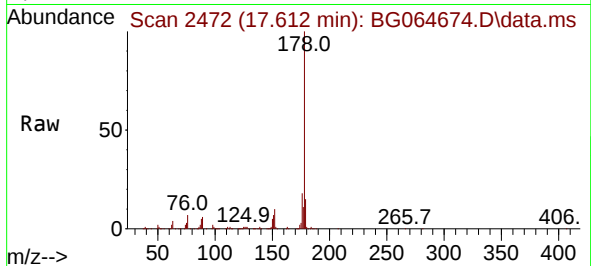




#71
Phenanthrene
Concen: 44.262 ng
RT: 17.612 min Scan# 2474
Delta R.T. -0.012 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

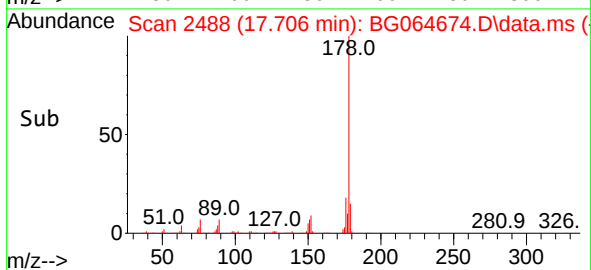
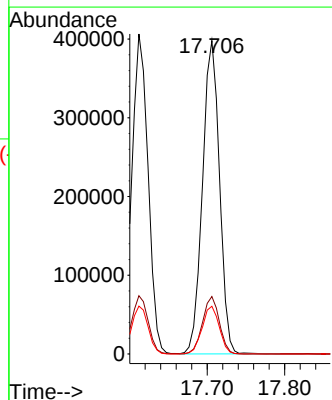
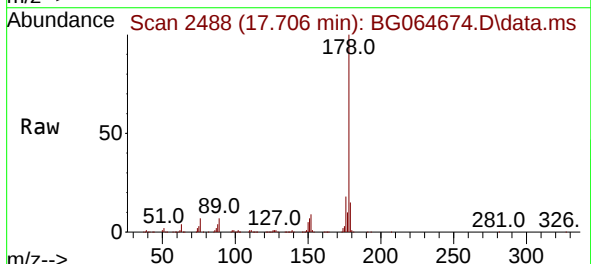
Instrument :
BNA_G
ClientSampleId :
PB170206BS

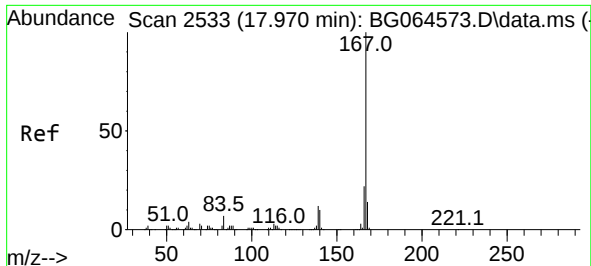
Tgt Ion:178 Resp: 602824
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 15.0 12.2 18.4



#72
Anthracene
Concen: 43.668 ng
RT: 17.706 min Scan# 2488
Delta R.T. -0.006 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:178 Resp: 604988
Ion Ratio Lower Upper
178 100
176 18.4 14.4 21.6
179 15.2 12.4 18.6

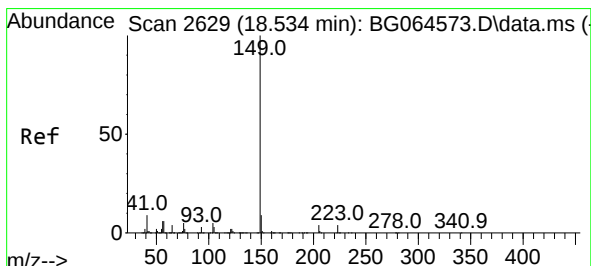
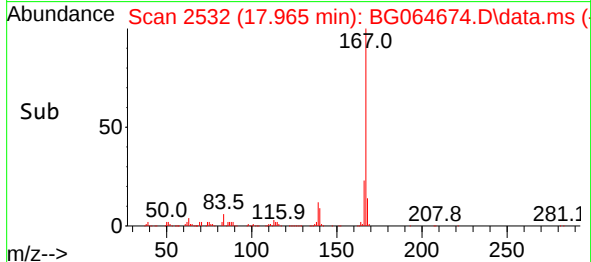
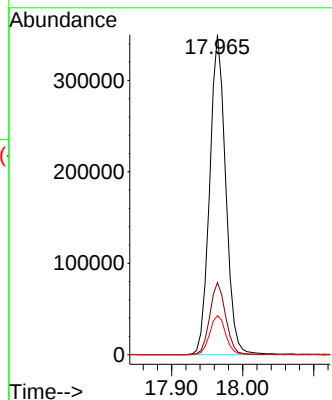
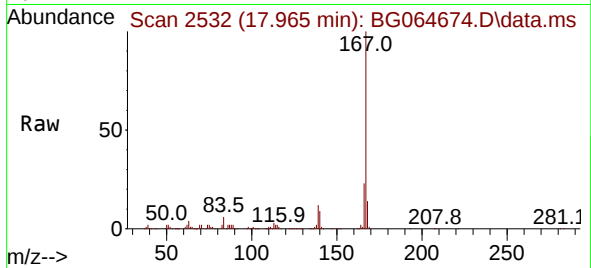




#73
 Carbazole
 Concen: 44.812 ng
 RT: 17.965 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG064674.D
 Acq: 3 Nov 2025 15:57

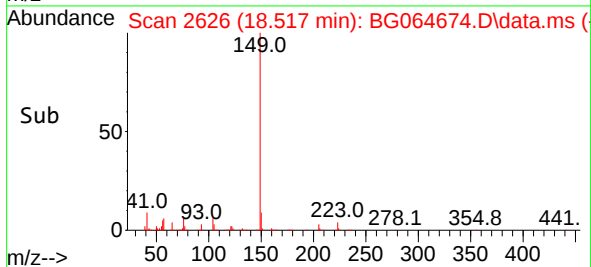
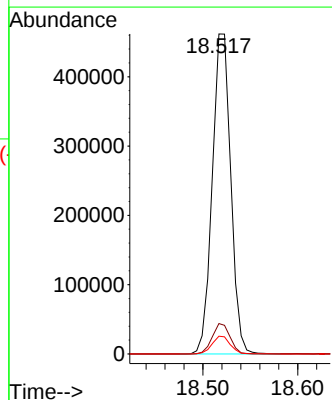
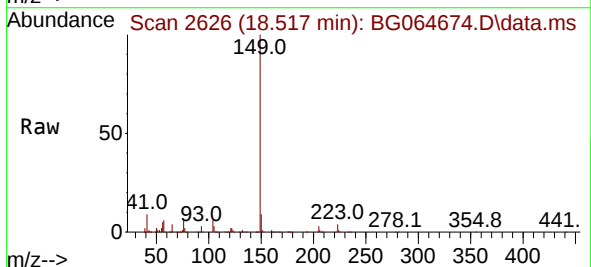
Instrument :
 BNA_G
 ClientSampleId :
 PB170206BS

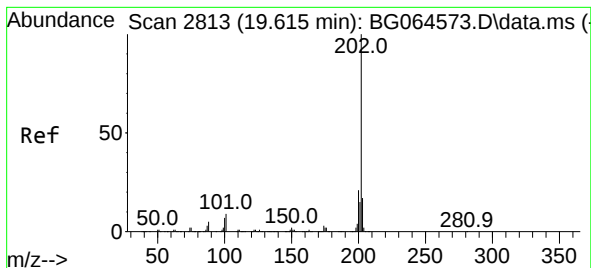
Tgt Ion:167 Resp: 547456
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.9 26.9
 139 12.2 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 44.244 ng
 RT: 18.517 min Scan# 2626
 Delta R.T. -0.017 min
 Lab File: BG064674.D
 Acq: 3 Nov 2025 15:57

Tgt Ion:149 Resp: 625052
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.0 10.6
 104 5.5 4.1 6.1





#75

Fluoranthene

Concen: 45.872 ng

RT: 19.610 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG064674.D

Acq: 3 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170206BS

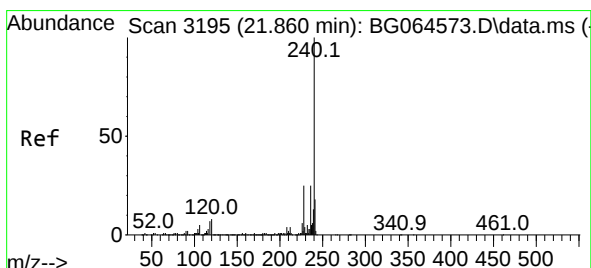
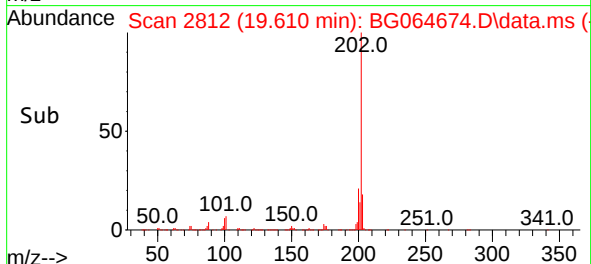
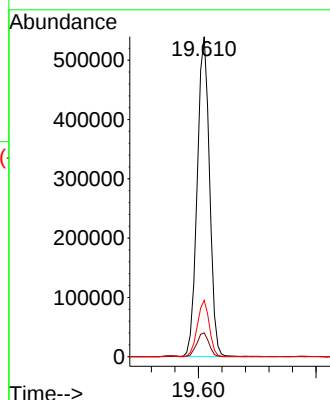
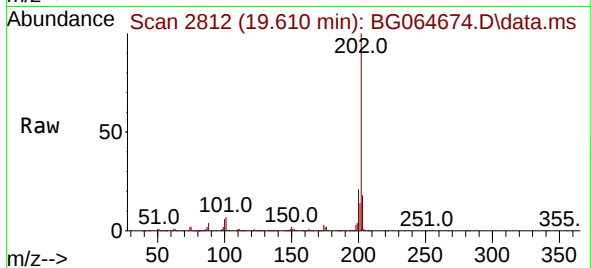
Tgt Ion:202 Resp: 782658

Ion Ratio Lower Upper

202 100

101 7.4 0.0 28.7

203 17.6 0.0 37.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.848 min Scan# 3193

Delta R.T. -0.012 min

Lab File: BG064674.D

Acq: 3 Nov 2025 15:57

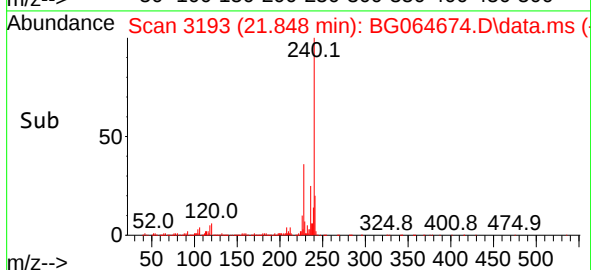
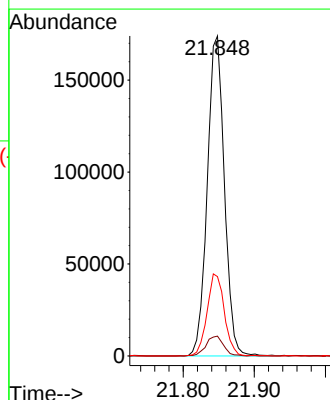
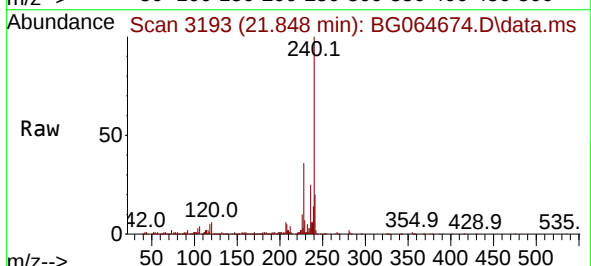
Tgt Ion:240 Resp: 291284

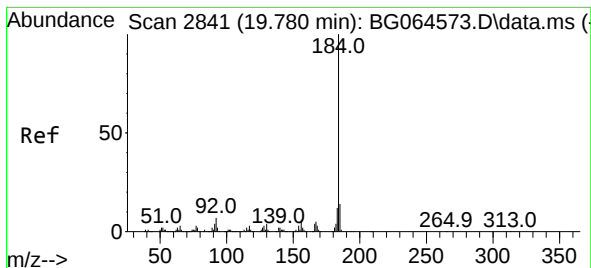
Ion Ratio Lower Upper

240 100

120 6.2 6.5 9.7#

236 24.8 20.2 30.2





#77

Benzidine

Concen: 33.863 ng

RT: 19.774 min Scan# 2840

Delta R.T. -0.006 min

Lab File: BG064674.D

Acq: 3 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170206BS

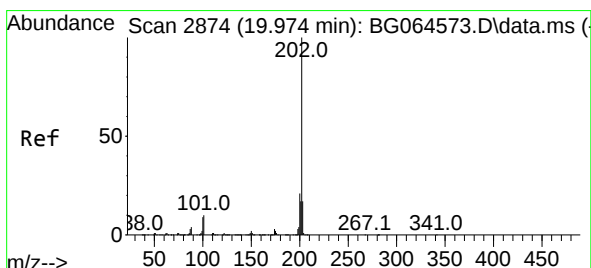
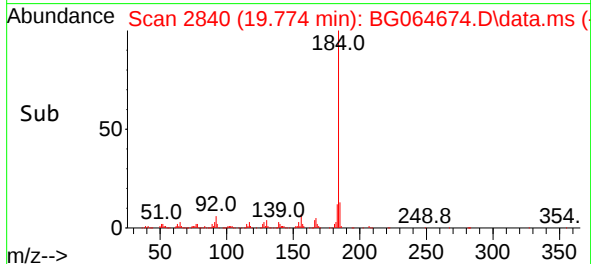
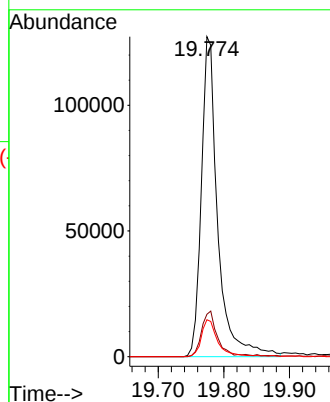
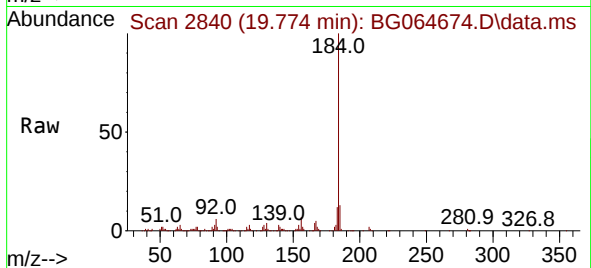
Tgt Ion:184 Resp: 220989

Ion Ratio Lower Upper

184 100

185 13.2 11.4 17.2

183 11.5 9.4 14.2



#78

Pyrene

Concen: 42.587 ng

RT: 19.968 min Scan# 2873

Delta R.T. -0.006 min

Lab File: BG064674.D

Acq: 3 Nov 2025 15:57

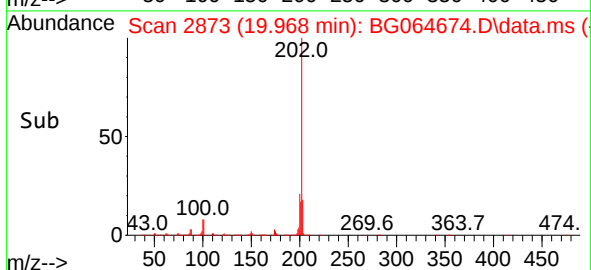
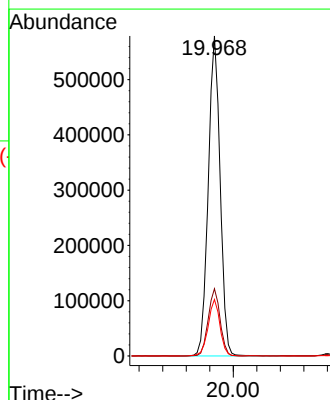
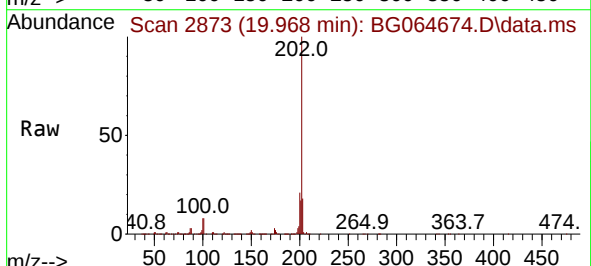
Tgt Ion:202 Resp: 810468

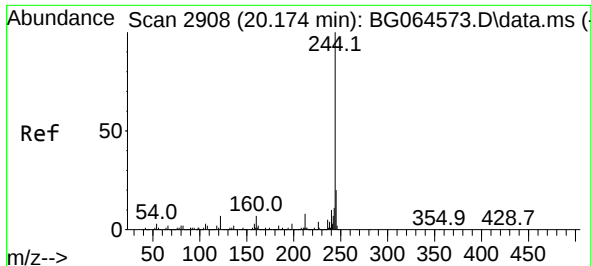
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

203 17.7 13.8 20.6

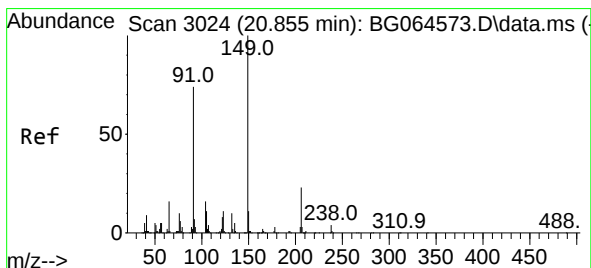
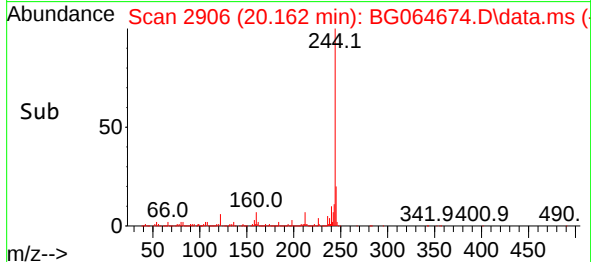
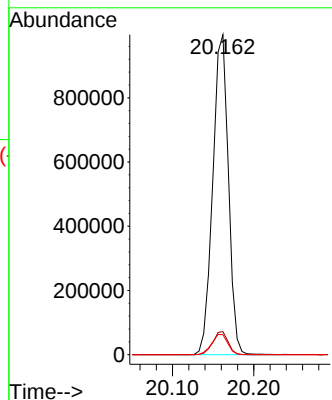
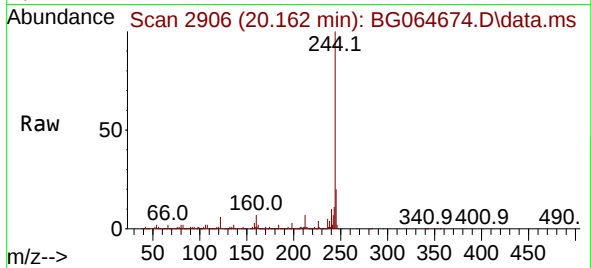




#79
 Terphenyl-d14
 Concen: 86.163 ng
 RT: 20.162 min Scan# 2906
 Delta R.T. -0.012 min
 Lab File: BG064674.D
 Acq: 3 Nov 2025 15:57

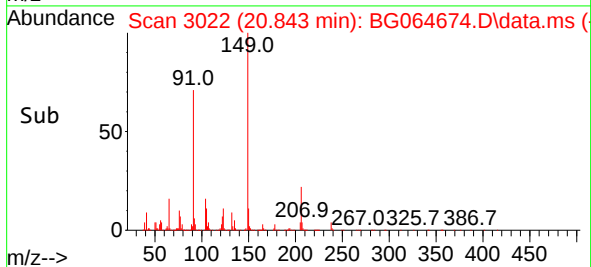
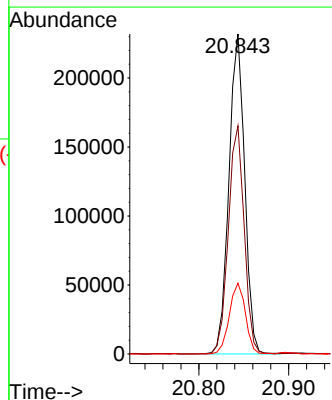
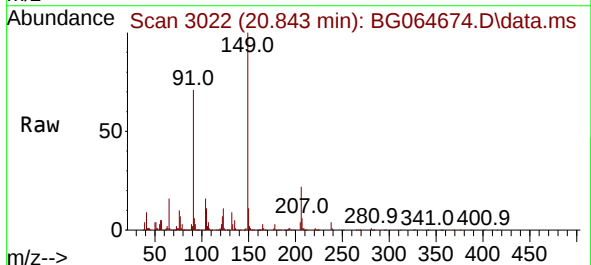
Instrument :
 BNA_G
 ClientSampleId :
 PB170206BS

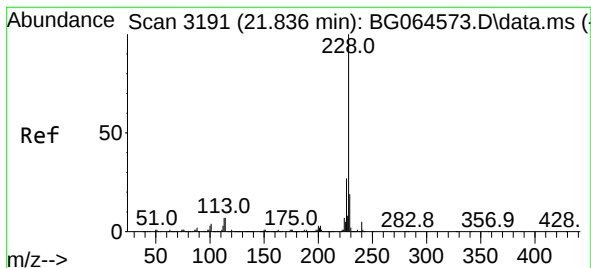
Tgt Ion:244 Resp: 1329926
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.3 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 49.163 ng
 RT: 20.843 min Scan# 3022
 Delta R.T. -0.012 min
 Lab File: BG064674.D
 Acq: 3 Nov 2025 15:57

Tgt Ion:149 Resp: 282780
 Ion Ratio Lower Upper
 149 100
 91 71.3 59.2 88.8
 206 22.1 18.1 27.1





#81

Benzo(a)anthracene

Concen: 44.692 ng

RT: 21.825 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG064674.D

Acq: 3 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170206BS

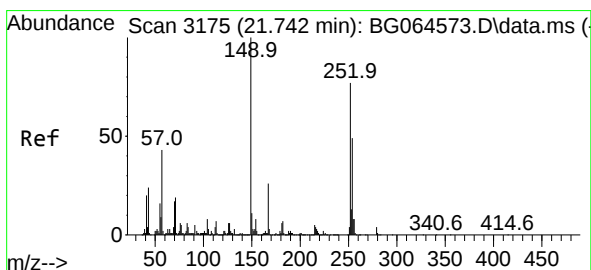
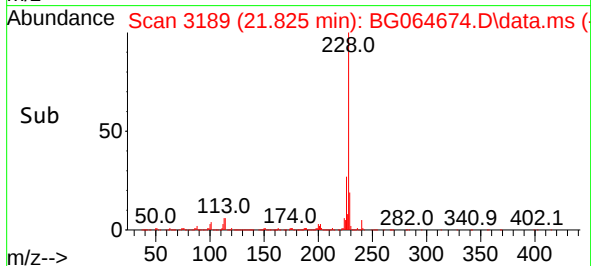
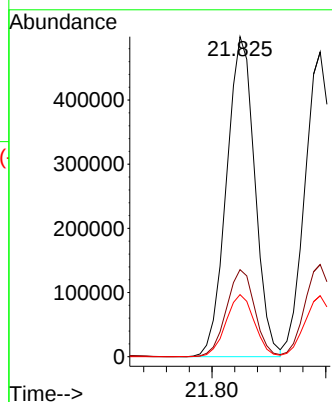
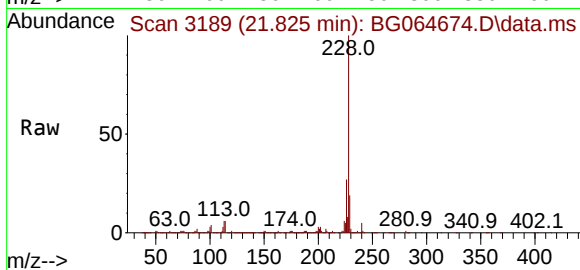
Tgt Ion:228 Resp: 863171

Ion Ratio Lower Upper

228 100

226 27.2 21.9 32.9

229 19.4 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 31.839 ng

RT: 21.731 min Scan# 3173

Delta R.T. -0.012 min

Lab File: BG064674.D

Acq: 3 Nov 2025 15:57

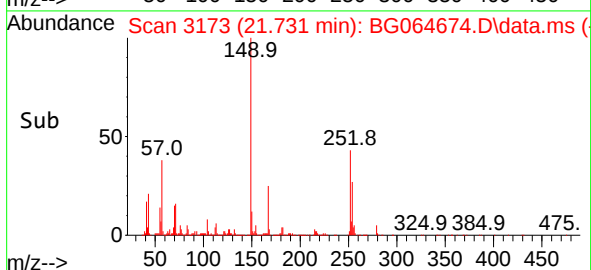
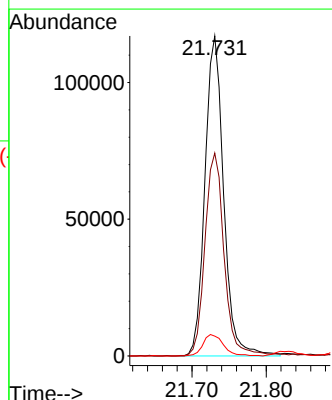
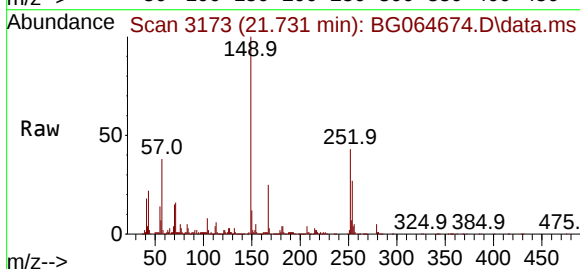
Tgt Ion:252 Resp: 205344

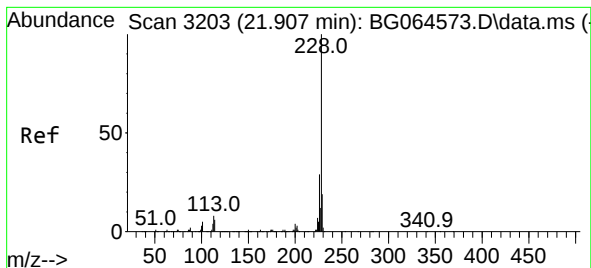
Ion Ratio Lower Upper

252 100

254 63.4 50.8 76.2

126 6.2 5.8 8.6





#83

Chrysene

Concen: 43.435 ng

RT: 21.895 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG064674.D

Acq: 3 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170206BS

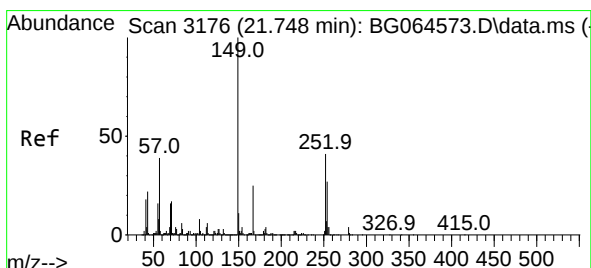
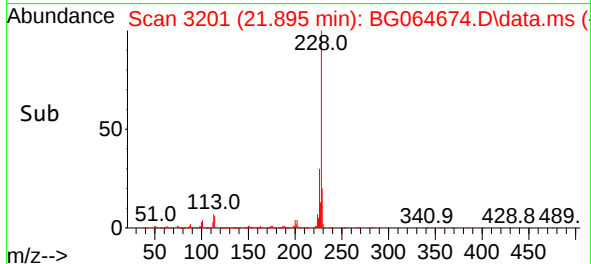
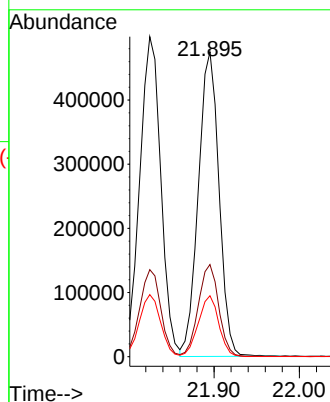
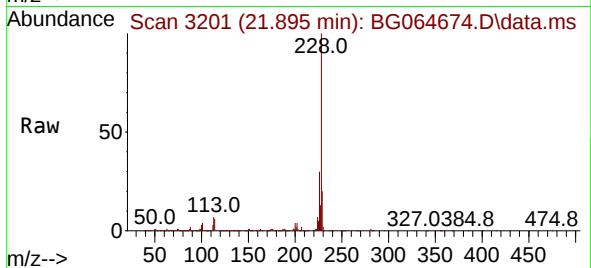
Tgt Ion:228 Resp: 798229

Ion Ratio Lower Upper

228 100

226 30.2 23.3 34.9

229 20.0 15.2 22.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.897 ng

RT: 21.725 min Scan# 3172

Delta R.T. -0.023 min

Lab File: BG064674.D

Acq: 3 Nov 2025 15:57

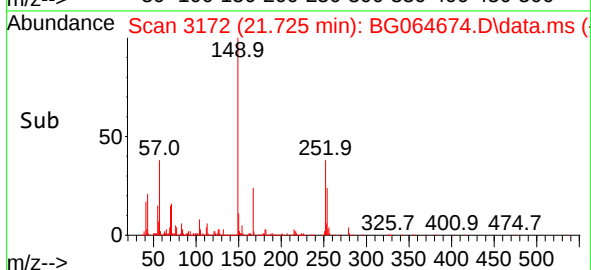
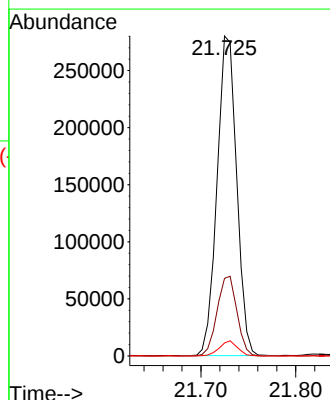
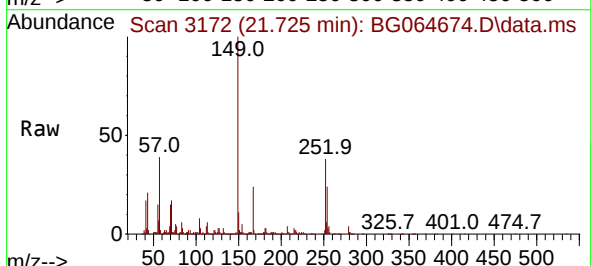
Tgt Ion:149 Resp: 403065

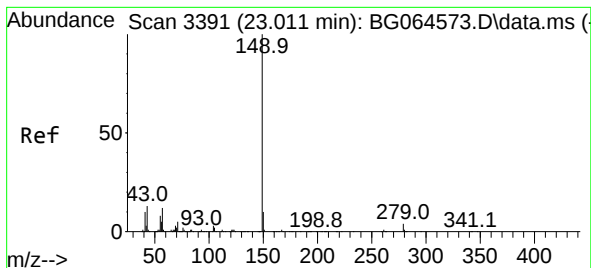
Ion Ratio Lower Upper

149 100

167 24.2 20.0 30.0

279 4.1 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 47.394 ng

RT: 22.982 min Scan# 31

Delta R.T. -0.029 min

Lab File: BG064674.D

Acq: 3 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170206BS

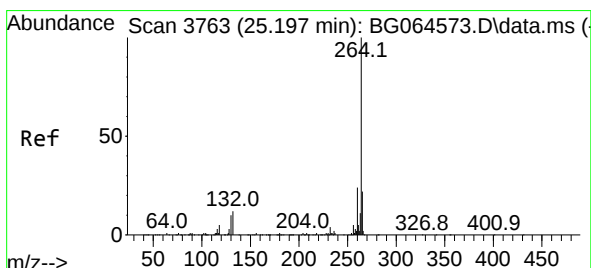
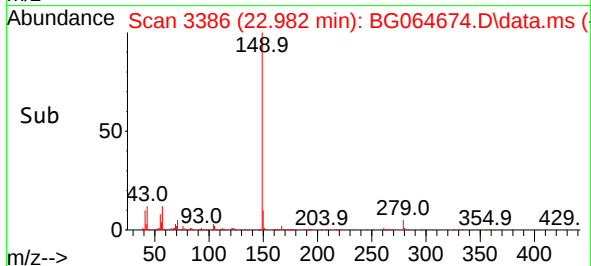
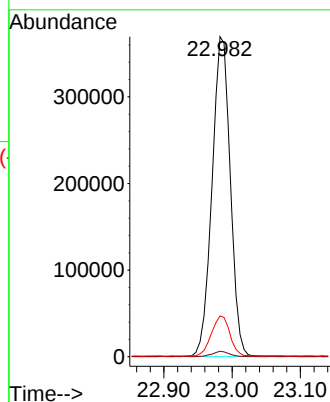
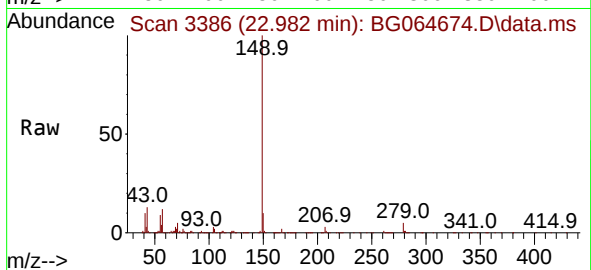
Tgt Ion:149 Resp: 686767

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.8 10.8 16.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.180 min Scan# 3760

Delta R.T. -0.018 min

Lab File: BG064674.D

Acq: 3 Nov 2025 15:57

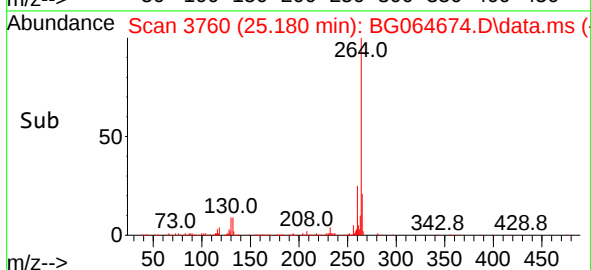
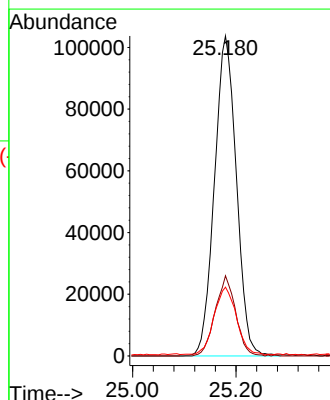
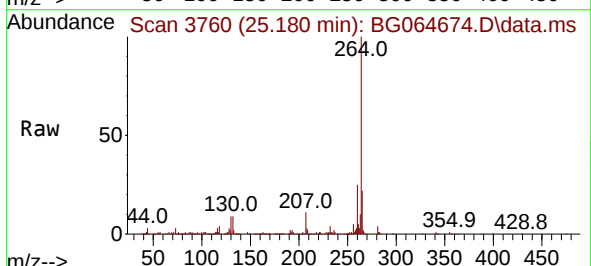
Tgt Ion:264 Resp: 304737

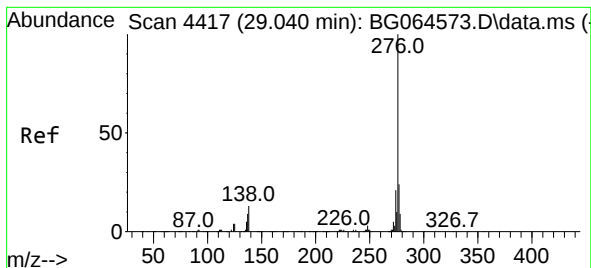
Ion Ratio Lower Upper

264 100

260 25.1 19.0 28.4

265 21.5 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.553 ng

RT: 29.005 min Scan# 4417

Delta R.T. -0.035 min

Lab File: BG064674.D

Acq: 3 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170206BS

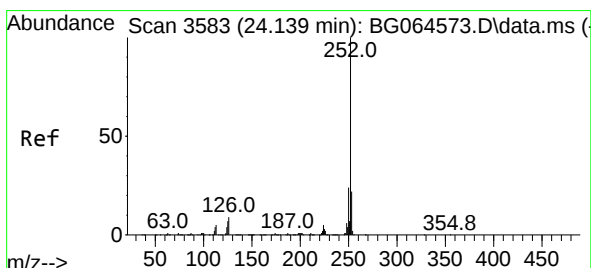
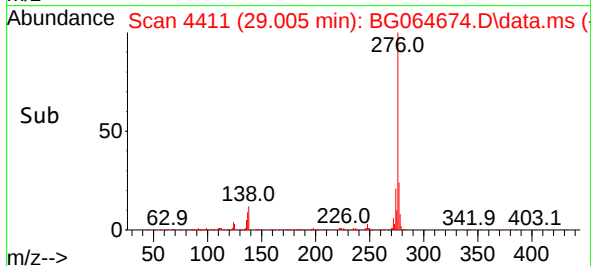
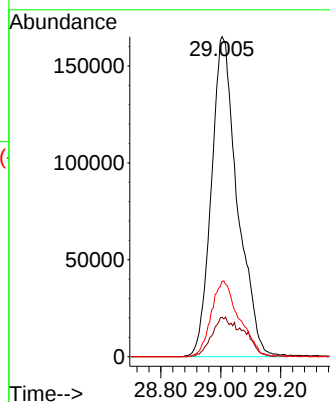
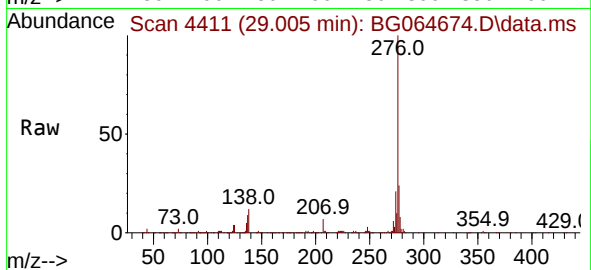
Tgt Ion:276 Resp: 998764

Ion Ratio Lower Upper

276 100

138 10.7 10.8 16.2#

277 25.3 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 46.311 ng

RT: 24.122 min Scan# 3580

Delta R.T. -0.017 min

Lab File: BG064674.D

Acq: 3 Nov 2025 15:57

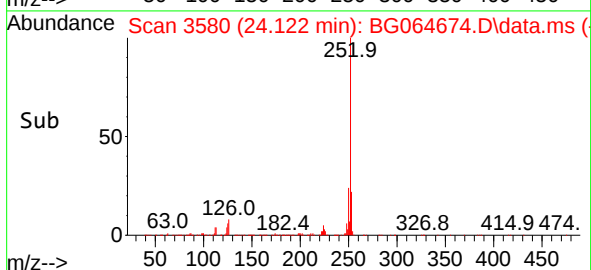
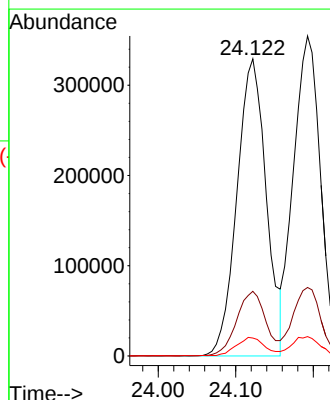
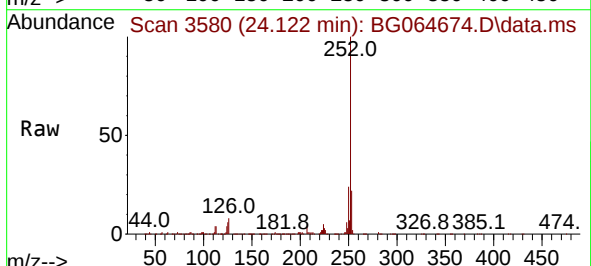
Tgt Ion:252 Resp: 865386

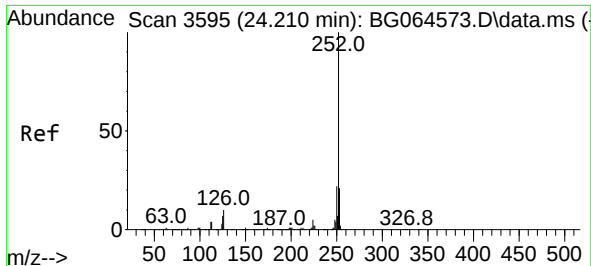
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 6.0 5.6 8.4

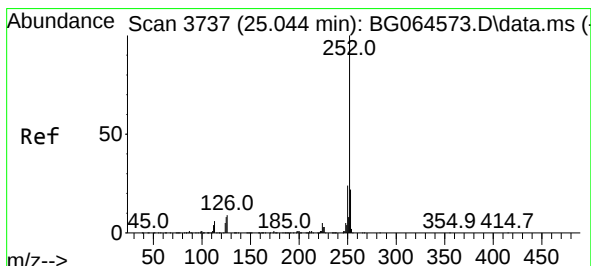
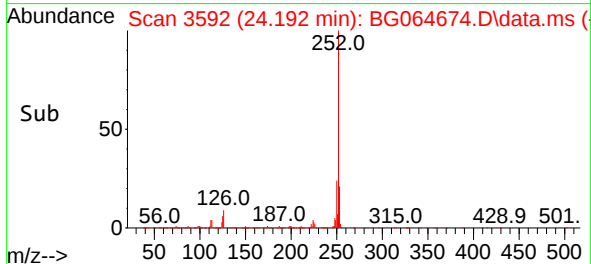
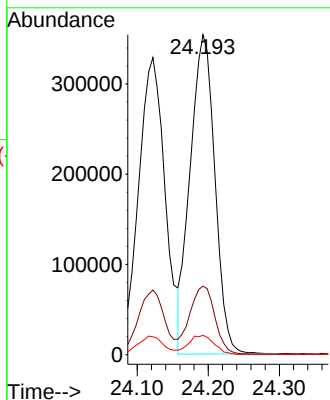
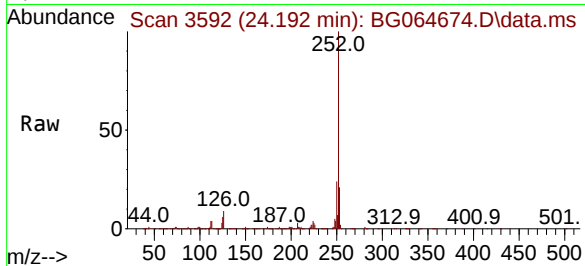




#89
Benzo(k)fluoranthene
Concen: 45.739 ng
RT: 24.192 min Scan# 31
Delta R.T. -0.017 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

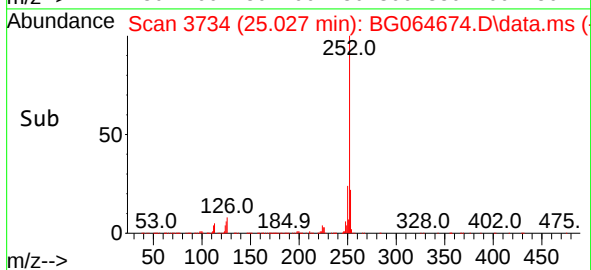
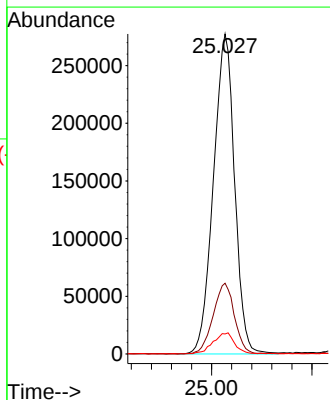
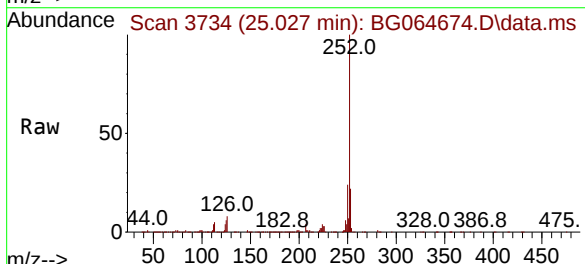
Instrument :
BNA_G
ClientSampleId :
PB170206BS

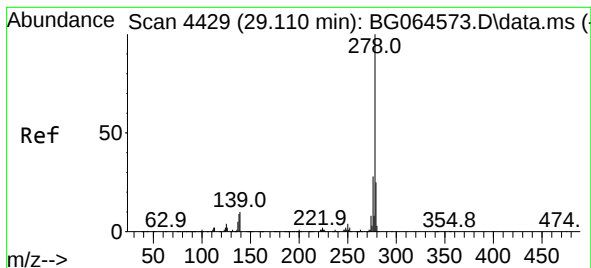
Tgt Ion:252 Resp: 855280
Ion Ratio Lower Upper
252 100
253 21.4 16.8 25.2
125 6.1 5.4 8.0



#90
Benzo(a)pyrene
Concen: 47.305 ng
RT: 25.027 min Scan# 3734
Delta R.T. -0.017 min
Lab File: BG064674.D
Acq: 3 Nov 2025 15:57

Tgt Ion:252 Resp: 812553
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 6.3 6.1 9.1





#91

Dibenzo(a,h)anthracene

Concen: 45.540 ng

RT: 29.081 min Scan# 4424

Delta R.T. -0.029 min

Lab File: BG064674.D

Acq: 3 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170206BS

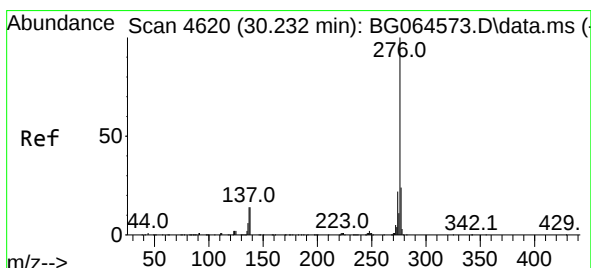
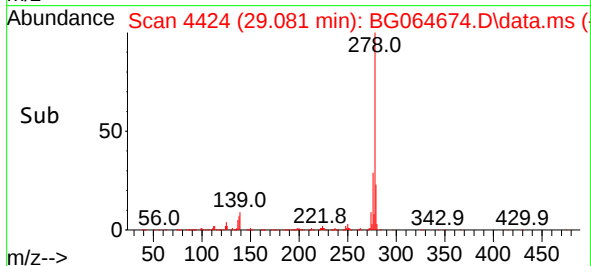
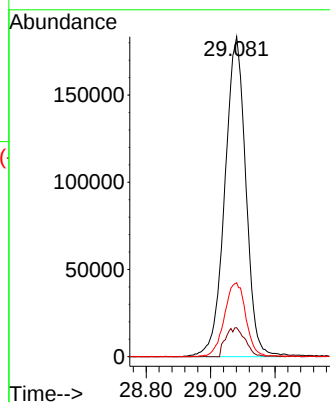
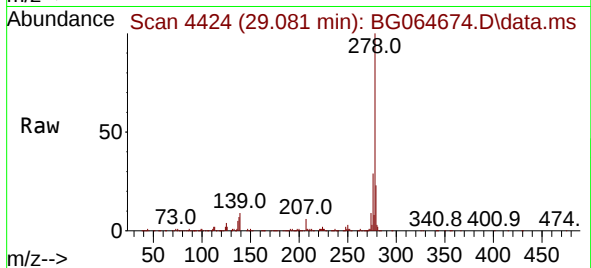
Tgt Ion:278 Resp: 829406

Ion Ratio Lower Upper

278 100

139 9.0 8.0 12.0

279 23.1 19.8 29.6



#92

Benzo(g,h,i)perylene

Concen: 46.425 ng

RT: 30.203 min Scan# 4615

Delta R.T. -0.029 min

Lab File: BG064674.D

Acq: 3 Nov 2025 15:57

Tgt Ion:276 Resp: 807697

Ion Ratio Lower Upper

276 100

277 24.4 19.1 28.7

138 13.1 11.3 16.9

