

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\
 Data File : BG064458.D
 Acq On : 29 Sep 2025 13:43
 Operator : RC/JU
 Sample : PB169873BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169873BS

Quant Time: Sep 29 18:24:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 29 18:04:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	17867	20.000	ng	0.00
21) Naphthalene-d8	10.624	136	71713	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	56728	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	158000	20.000	ng	# 0.00
76) Chrysene-d12	21.435	240	171068	20.000	ng	0.00
86) Perylene-d12	24.425	264	184277	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.430	112	129409	138.409	ng	0.00
7) Phenol-d6	7.016	99	176484	137.780	ng	0.00
23) Nitrobenzene-d5	8.990	82	121053	91.482	ng	0.00
42) 2,4,6-Tribromophenol	15.953	330	153644	155.144	ng	0.00
45) 2-Fluorobiphenyl	13.085	172	357214	92.984	ng	0.00
79) Terphenyl-d14	19.825	244	778450	89.704	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.332	88	13920	35.479	ng	91
3) Pyridine	3.720	79	35584	33.641	ng	89
4) n-Nitrosodimethylamine	3.638	42	33488	41.446	ng	100
6) Aniline	7.163	93	58851	35.480	ng	98
8) 2-Chlorophenol	7.404	128	53315	45.579	ng	97
9) Benzaldehyde	6.975	77	27599	25.314	ng	85
10) Phenol	7.040	94	64888	46.786	ng	97
11) bis(2-Chloroethyl)ether	7.263	93	39215	42.111	ng	91
12) 1,3-Dichlorobenzene	7.727	146	57993	44.230	ng	92
13) 1,4-Dichlorobenzene	7.874	146	57378	42.839	ng	88
14) 1,2-Dichlorobenzene	8.191	146	56703	44.674	ng	95
15) Benzyl Alcohol	8.074	79	53502	44.329	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.362	45	66023	40.660	ng	98
17) 2-Methylphenol	8.279	107	45376	45.289	ng	97
18) Hexachloroethane	8.914	117	20444	40.457	ng	94
19) n-Nitroso-di-n-propyla...	8.638	70	37551	43.372	ng	# 90
20) 3+4-Methylphenols	8.608	107	62835	44.614	ng	97
22) Acetophenone	8.655	105	89404	52.074	ng	# 95
24) Nitrobenzene	9.031	77	61013	47.236	ng	97
25) Isophorone	9.554	82	106995	43.700	ng	98
26) 2-Nitrophenol	9.742	139	29288	46.065	ng	96
27) 2,4-Dimethylphenol	9.807	122	53368	52.042	ng	99
28) bis(2-Chloroethoxy)met...	10.036	93	57348	45.339	ng	95
29) 2,4-Dichlorophenol	10.277	162	56884	48.197	ng	94
30) 1,2,4-Trichlorobenzene	10.489	180	61330	48.582	ng	98
31) Naphthalene	10.677	128	169632	45.309	ng	95
32) Benzoic acid	9.966	122	40094	50.467	ng	87
33) 4-Chloroaniline	10.782	127	40751	29.755	ng	96
34) Hexachlorobutadiene	10.964	225	47658	44.320	ng	92
35) Caprolactam	11.558	113	10864	27.898	ng	# 85
36) 4-Chloro-3-methylphenol	11.910	107	70444	50.356	ng	93
37) 2-Methylnaphthalene	12.286	142	117439	41.542	ng	99
38) 1-Methylnaphthalene	12.504	142	133810	48.173	ng	99
40) 1,2,4,5-Tetrachloroben...	12.657	216	96508	53.381	ng	98
41) Hexachlorocyclopentadiene	12.639	237	130241	135.645	ng	98
43) 2,4,6-Trichlorophenol	12.897	196	59772	50.685	ng	99

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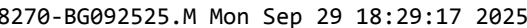
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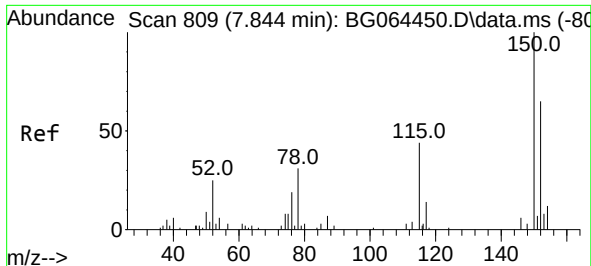
Quant Time: Sep 29 18:24:13 2025
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.968	196	65247	50.722	ng	98
46) 1,1'-Biphenyl	13.297	154	218566	54.162	ng	97
47) 2-Chloronaphthalene	13.338	162	148659	48.470	ng	98
48) 2-Nitroaniline	13.544	65	55674	52.816	ng	95
49) Acenaphthylene	14.184	152	236293	51.895	ng	99
50) Dimethylphthalate	13.926	163	197401	45.550	ng	99
51) 2,6-Dinitrotoluene	14.037	165	43363	47.638	ng	# 82
52) Acenaphthene	14.525	154	137804	44.224	ng	95
53) 3-Nitroaniline	14.372	138	28217	32.714	ng	93
54) 2,4-Dinitrophenol	14.578	184	58420	96.637	ng	98
55) Dibenzofuran	14.866	168	249526	48.297	ng	96
56) 4-Nitrophenol	14.689	139	74802	107.139	ng	95
57) 2,4-Dinitrotoluene	14.830	165	71163	51.210	ng	# 98
58) Fluorene	15.512	166	214681	50.336	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.089	232	69104	53.856	ng	97
60) Diethylphthalate	15.289	149	235131	50.354	ng	97
61) 4-Chlorophenyl-phenyle...	15.506	204	111727	47.973	ng	99
62) 4-Nitroaniline	15.536	138	49889	53.941	ng	92
63) Azobenzene	15.800	77	187246	51.245	ng	98
65) 4,6-Dinitro-2-methylph...	15.594	198	50834	46.968	ng	97
66) n-Nitrosodiphenylamine	15.724	169	192189	45.584	ng	96
67) 4-Bromophenyl-phenylether	16.399	248	80799	43.644	ng	95
68) Hexachlorobenzene	16.517	284	93751	44.498	ng	99
69) Atrazine	16.675	200	92960	48.530	ng	98
70) Pentachlorophenol	16.863	266	123386	97.041	ng	94
71) Phenanthrene	17.245	178	374963	45.658	ng	98
72) Anthracene	17.339	178	386348	46.198	ng	99
73) Carbazole	17.610	167	349967	47.701	ng	97
74) Di-n-butylphthalate	18.174	149	410208	45.709	ng	99
75) Fluoranthene	19.261	202	469350	45.258	ng	100
77) Benzidine	19.437	184	166365	37.144	ng	99
78) Pyrene	19.619	202	484527	45.647	ng	98
80) Butylbenzylphthalate	20.512	149	181061	45.637	ng	98
81) Benzo(a)anthracene	21.417	228	509358	46.503	ng	98
82) 3,3'-Dichlorobenzidine	21.335	252	115990	30.792	ng	97
83) Chrysene	21.476	228	474117	45.706	ng	98
84) Bis(2-ethylhexyl)phtha...	21.340	149	265057	46.378	ng	# 97
85) Di-n-octyl phthalate	22.469	149	448019	46.116	ng	99
87) Indeno(1,2,3-cd)pyrene	27.804	276	572768	43.978	ng	# 96
88) Benzo(b)fluoranthene	23.485	252	501295	47.454	ng	98
89) Benzo(k)fluoranthene	23.550	252	518174	49.028	ng	98
90) Benzo(a)pyrene	24.290	252	483241	49.382	ng	99
91) Dibenzo(a,h)anthracene	27.862	278	471067	44.615	ng	96
92) Benzo(g,h,i)perylene	28.855	276	453527	44.726	ng	96

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

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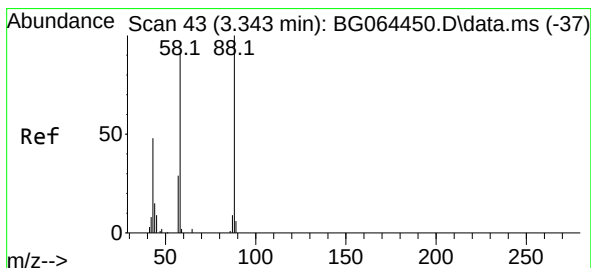
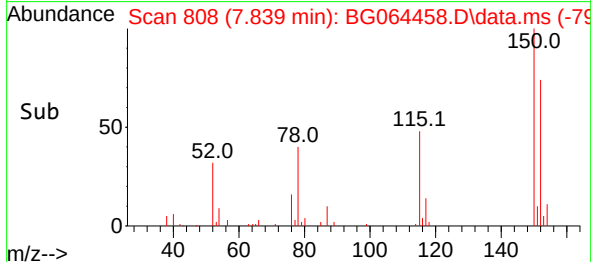
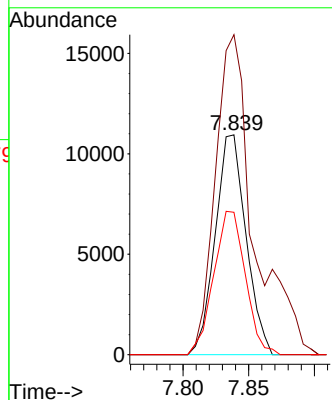
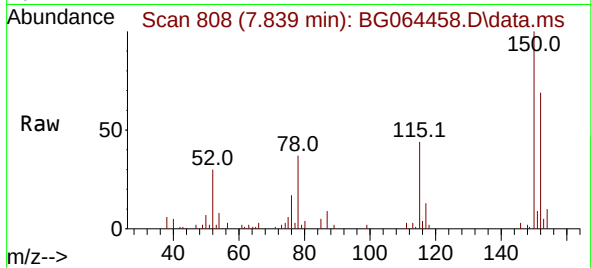




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.839 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG064458.D
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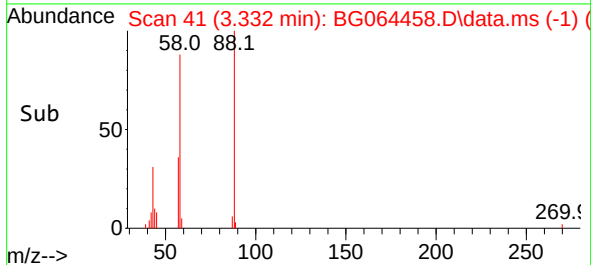
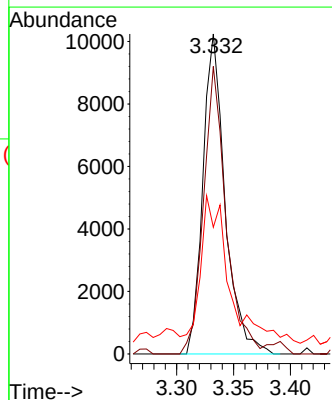
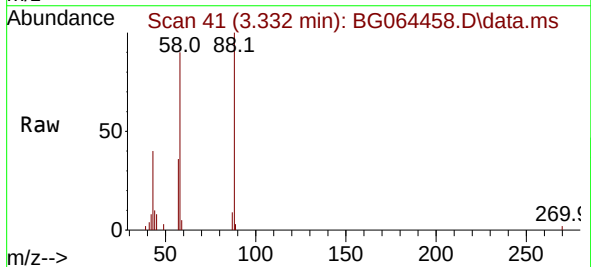
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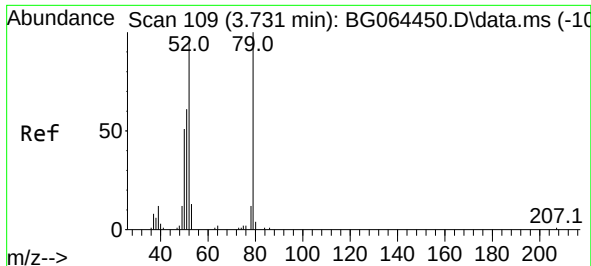
Tgt Ion:152 Resp: 17867
Ion Ratio Lower Upper
152 100
150 145.6 122.9 184.3
115 64.8 54.3 81.5



#2
1,4-Dioxane
Concen: 35.479 ng
RT: 3.332 min Scan# 41
Delta R.T. -0.011 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Tgt Ion: 88 Resp: 13920
Ion Ratio Lower Upper
88 100
58 90.7 67.9 101.9
43 58.6 39.4 59.2

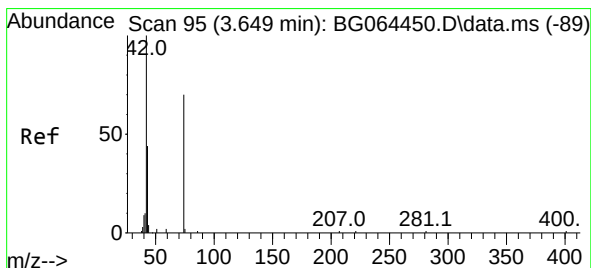
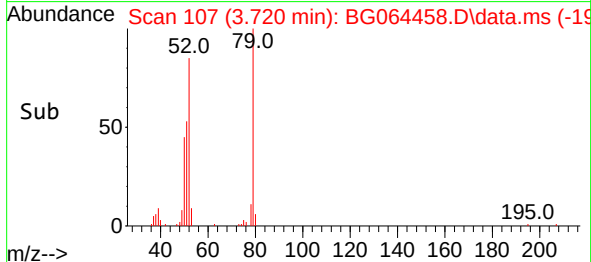
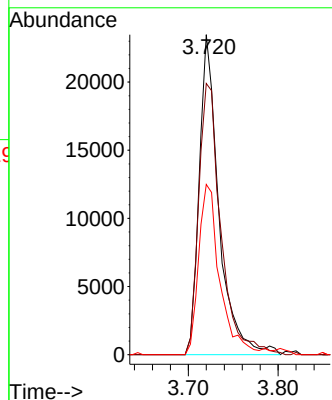
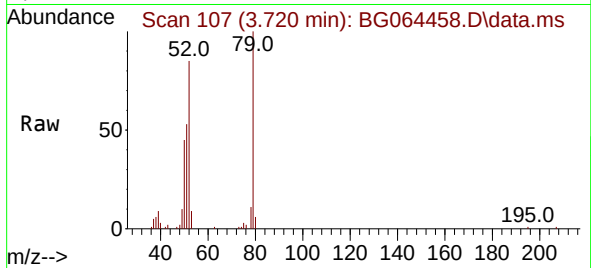




#3
Pyridine
Concen: 33.641 ng
RT: 3.720 min Scan# 109
Delta R.T. -0.011 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

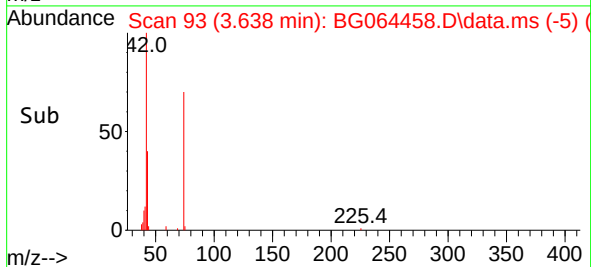
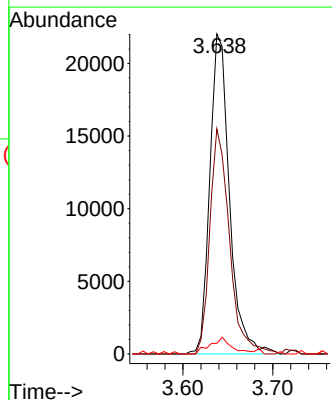
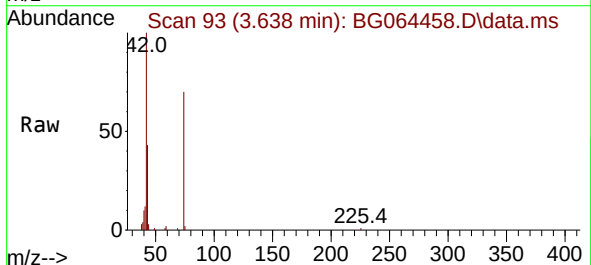
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ClientSampleId :
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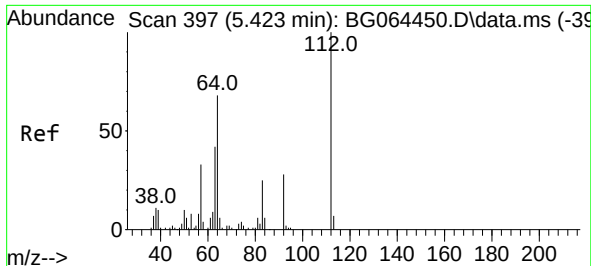
Tgt Ion: 79 Resp: 35584
Ion Ratio Lower Upper
79 100
52 84.8 76.6 114.8
51 53.2 49.3 73.9



#4
n-Nitrosodimethylamine
Concen: 41.446 ng
RT: 3.638 min Scan# 93
Delta R.T. -0.011 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Tgt Ion: 42 Resp: 33488
Ion Ratio Lower Upper
42 100
74 70.4 56.1 84.1
44 3.3 3.1 4.7

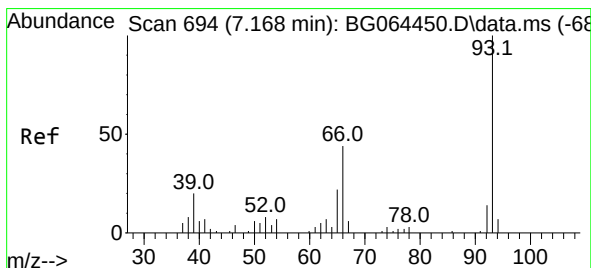
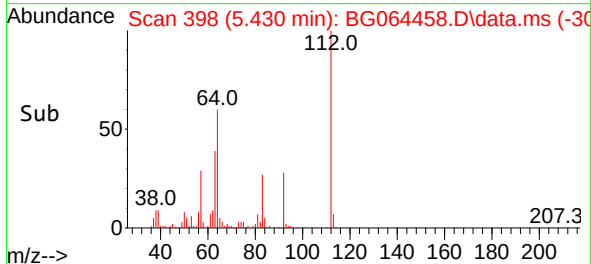
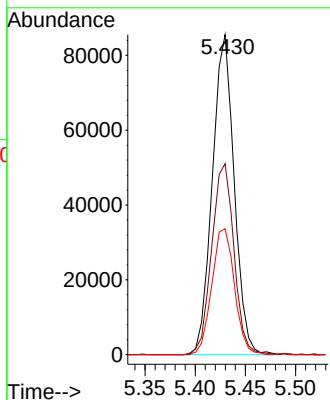
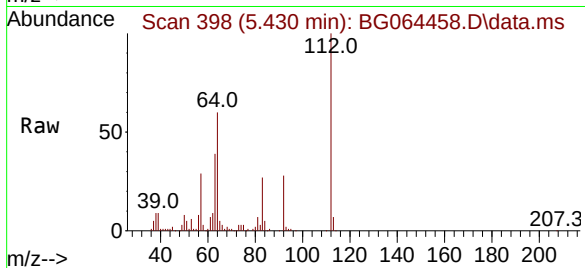




#5
2-Fluorophenol
Concen: 138.409 ng
RT: 5.430 min Scan# 397
Delta R.T. 0.006 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

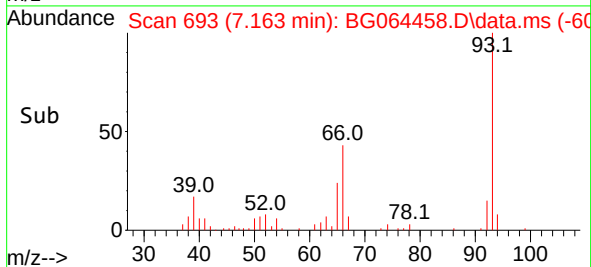
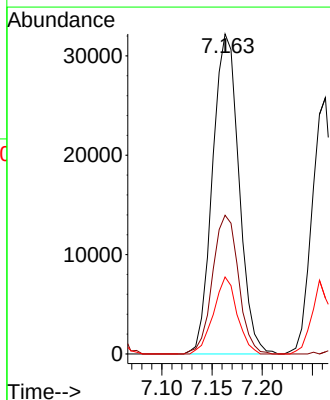
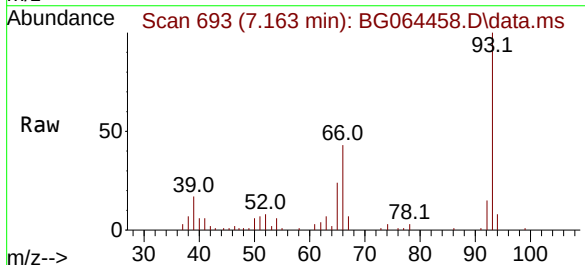
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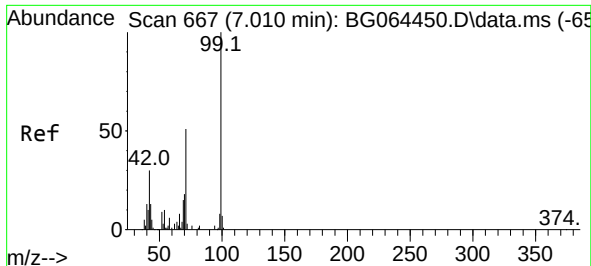
Tgt Ion:112 Resp: 129409
Ion Ratio Lower Upper
112 100
64 59.7 54.0 81.0
63 39.3 33.8 50.6



#6
Aniline
Concen: 35.480 ng
RT: 7.163 min Scan# 693
Delta R.T. -0.005 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Tgt Ion: 93 Resp: 58851
Ion Ratio Lower Upper
93 100
66 43.4 34.9 52.3
65 24.1 17.3 25.9

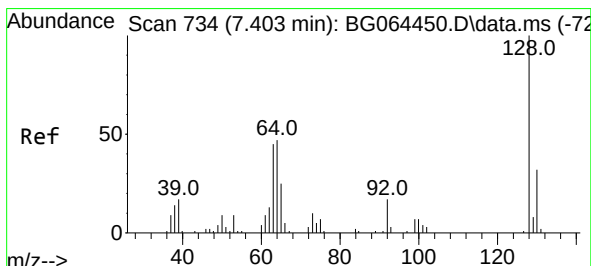
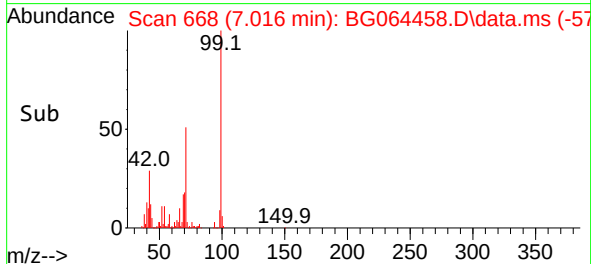
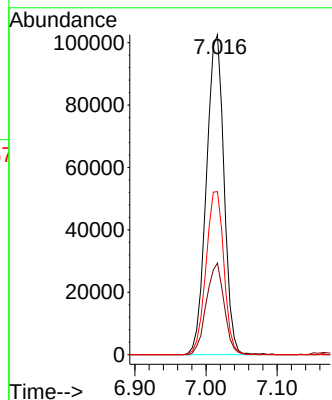
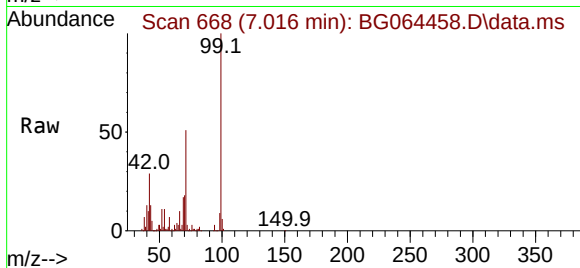




#7
Phenol-d6
Concen: 137.780 ng
RT: 7.016 min Scan# 668
Delta R.T. 0.006 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

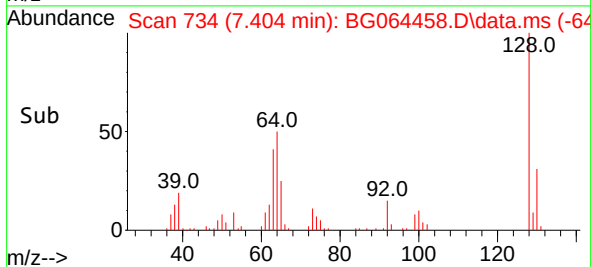
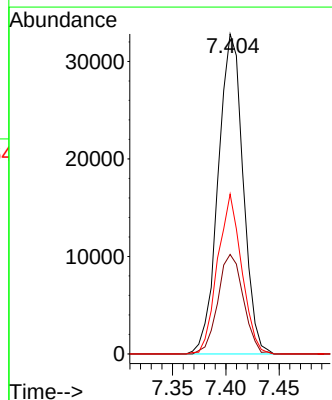
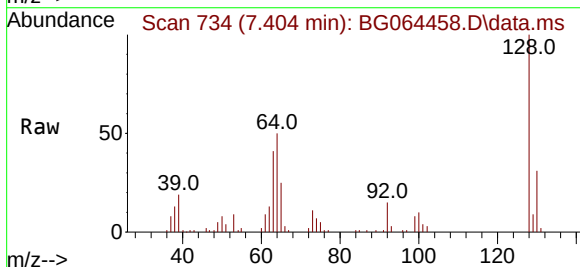
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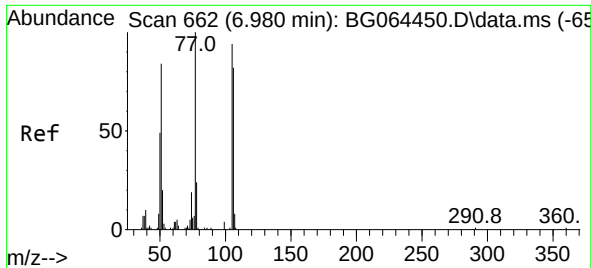
Tgt Ion: 99 Resp: 176484
Ion Ratio Lower Upper
99 100
42 28.7 24.0 36.0
71 51.0 40.5 60.7



#8
2-Chlorophenol
Concen: 45.579 ng
RT: 7.404 min Scan# 734
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Tgt Ion: 128 Resp: 53315
Ion Ratio Lower Upper
128 100
130 31.1 11.8 51.8
64 50.0 27.0 67.0

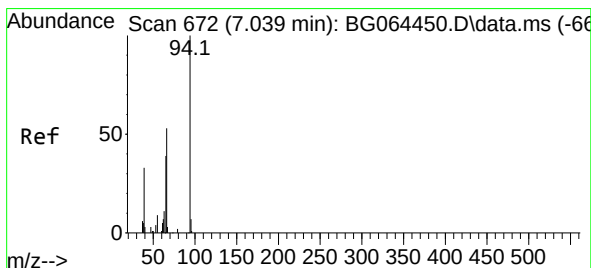
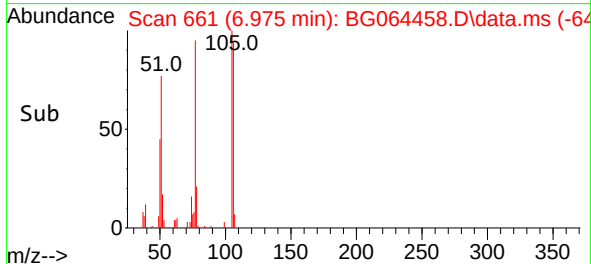
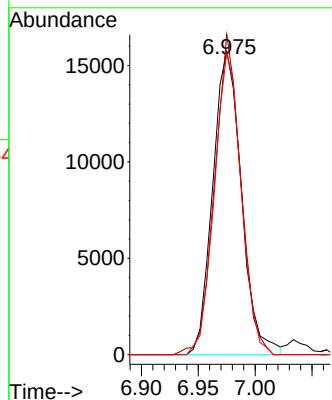
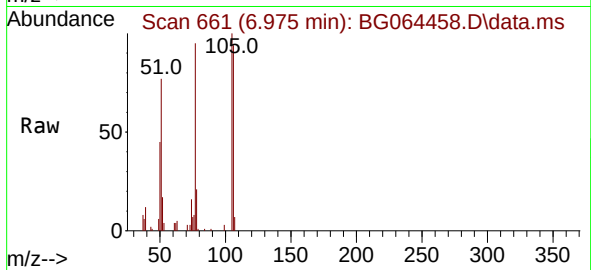




#9
Benzaldehyde
Concen: 25.314 ng
RT: 6.975 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

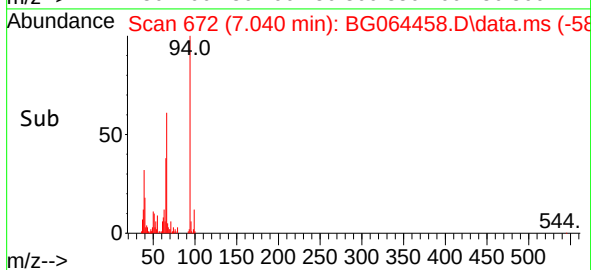
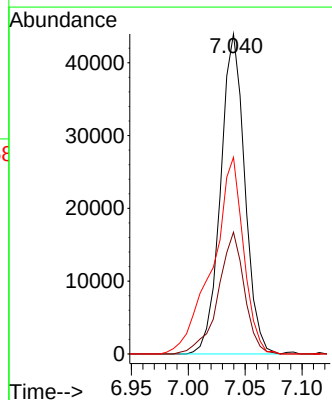
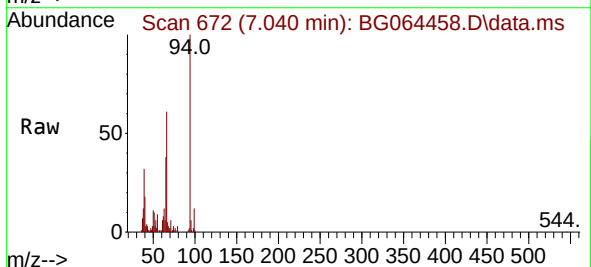
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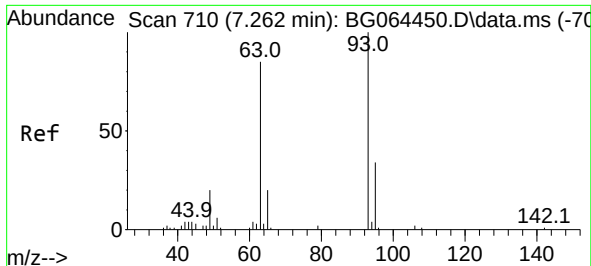
Tgt Ion: 77 Resp: 27599
Ion Ratio Lower Upper
77 100
105 105.4 74.0 114.0
106 99.4 62.5 102.5



#10
Phenol
Concen: 46.786 ng
RT: 7.040 min Scan# 672
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Tgt Ion: 94 Resp: 64888
Ion Ratio Lower Upper
94 100
65 38.1 21.1 61.1
66 61.4 39.7 79.7

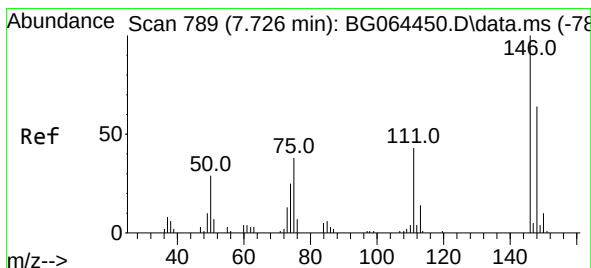
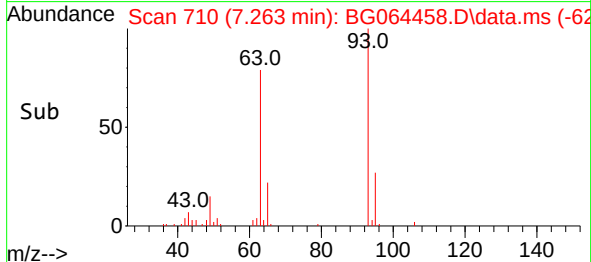
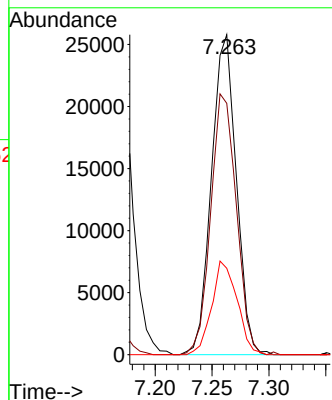
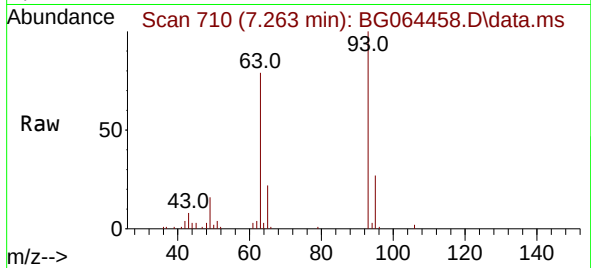




#11
bis(2-Chloroethyl)ether
Concen: 42.111 ng
RT: 7.263 min Scan# 710
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

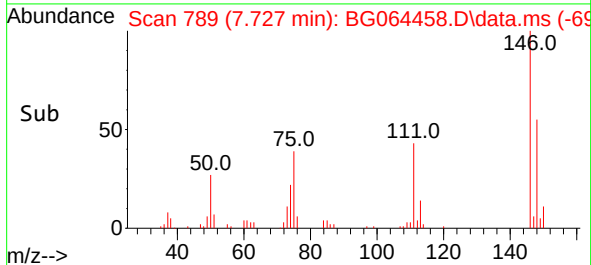
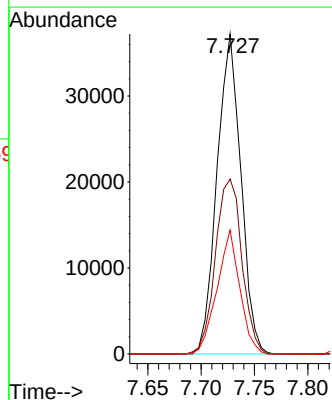
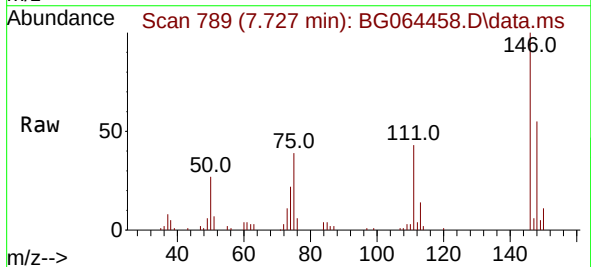
Instrument :
BNA_G
ClientSampleId :
PB169873BS

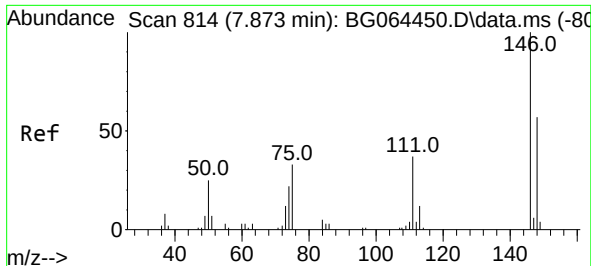
Tgt Ion: 93 Resp: 39215
Ion Ratio Lower Upper
93 100
63 78.6 65.3 105.3
95 27.0 13.7 53.7



#12
1,3-Dichlorobenzene
Concen: 44.230 ng
RT: 7.727 min Scan# 789
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Tgt Ion:146 Resp: 57993
Ion Ratio Lower Upper
146 100
148 54.6 51.0 76.4
75 38.7 30.0 45.0





#13

1,4-Dichlorobenzene

Concen: 42.839 ng

RT: 7.874 min Scan# 814

Delta R.T. 0.001 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB169873BS

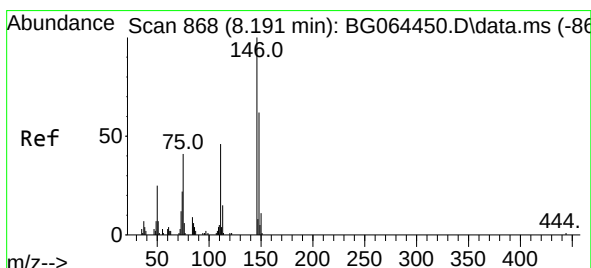
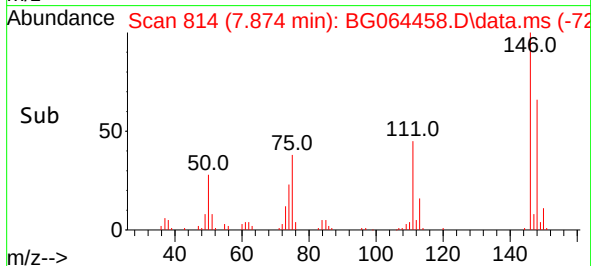
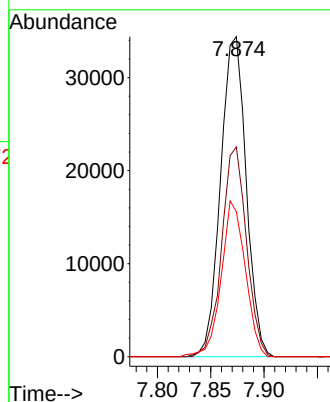
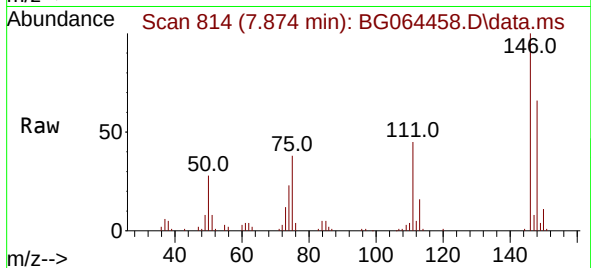
Tgt Ion:146 Resp: 57378

Ion Ratio Lower Upper

146 100

148 65.6 45.3 67.9

111 45.3 30.3 45.5



#14

1,2-Dichlorobenzene

Concen: 44.674 ng

RT: 8.191 min Scan# 868

Delta R.T. 0.001 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

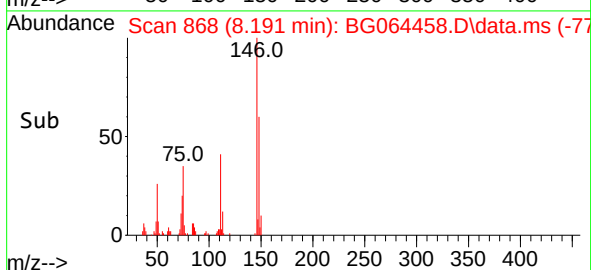
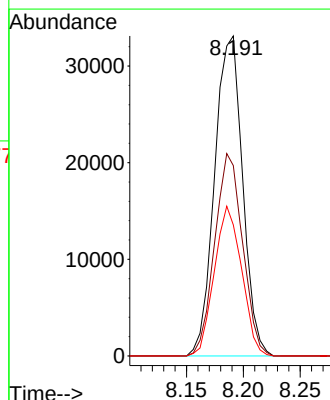
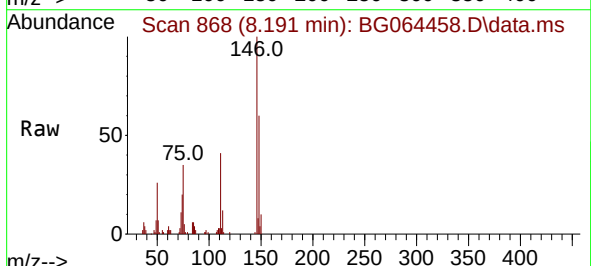
Tgt Ion:146 Resp: 56703

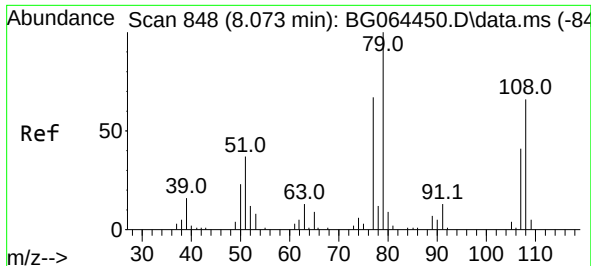
Ion Ratio Lower Upper

146 100

148 59.5 49.9 74.9

111 41.0 36.6 54.8

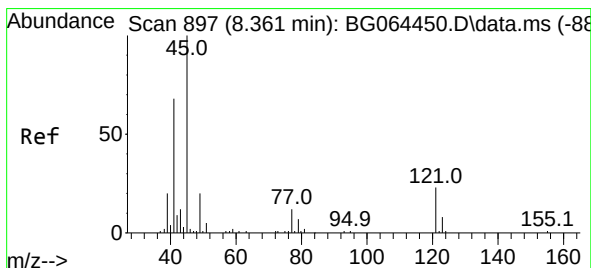
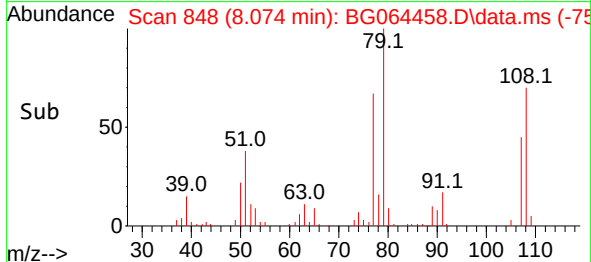
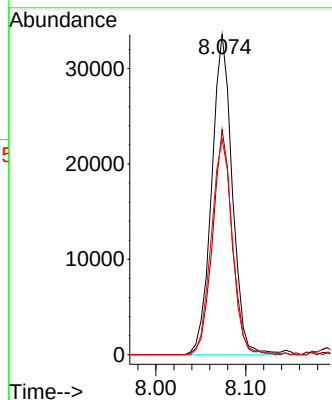
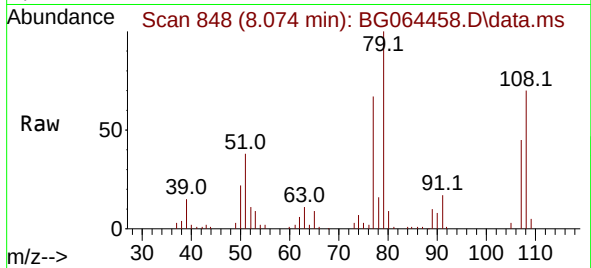




#15
Benzyl Alcohol
Concen: 44.329 ng
RT: 8.074 min Scan# 848
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

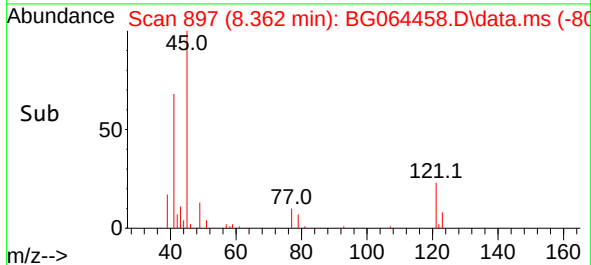
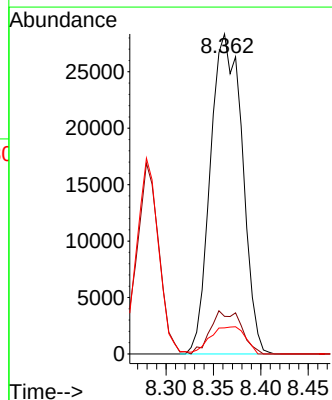
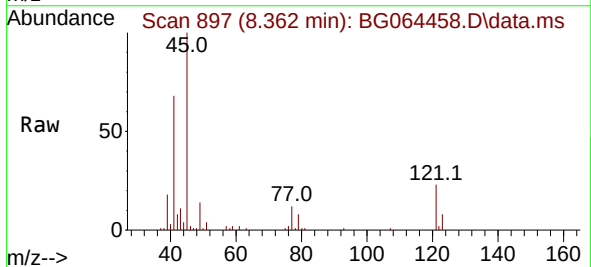
Instrument :
BNA_G
ClientSampleId :
PB169873BS

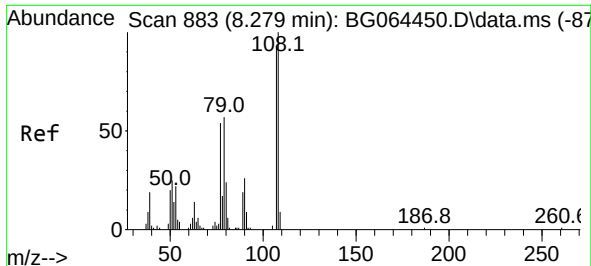
Tgt Ion: 79 Resp: 53502
Ion Ratio Lower Upper
79 100
108 70.3 53.0 79.6
77 67.4 53.6 80.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.660 ng
RT: 8.362 min Scan# 897
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Tgt Ion: 45 Resp: 66023
Ion Ratio Lower Upper
45 100
77 11.8 0.0 32.8
79 8.1 0.0 28.0

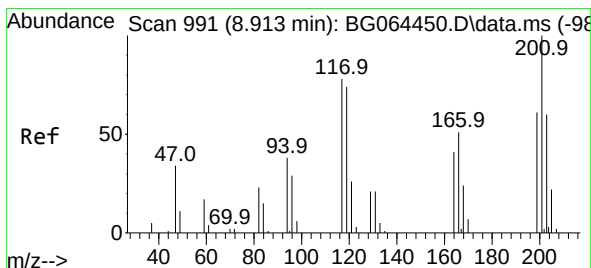
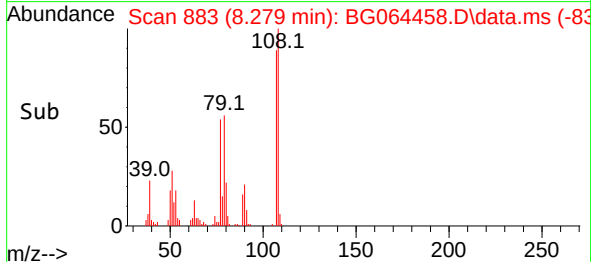
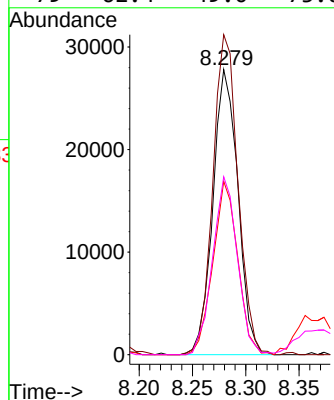
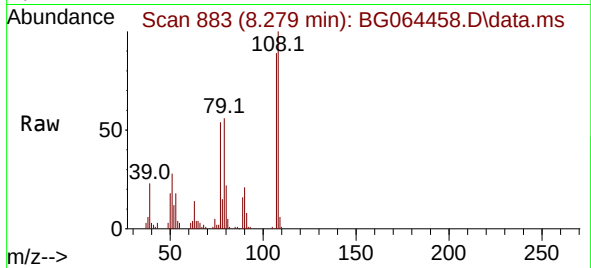




#17
2-Methylphenol
Concen: 45.289 ng
RT: 8.279 min Scan# 883
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

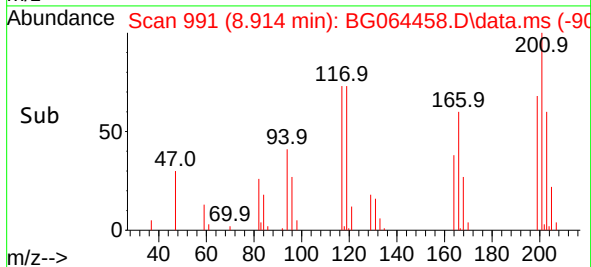
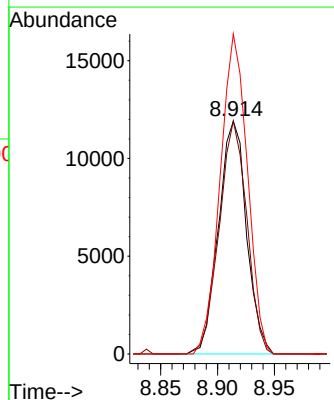
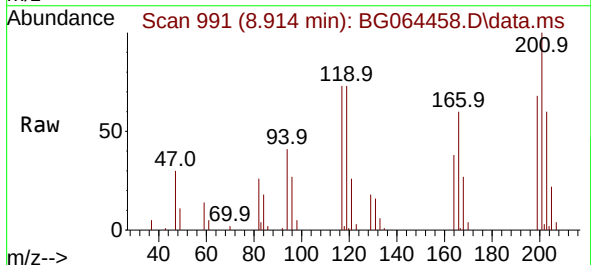
Instrument :
BNA_G
ClientSampleId :
PB169873BS

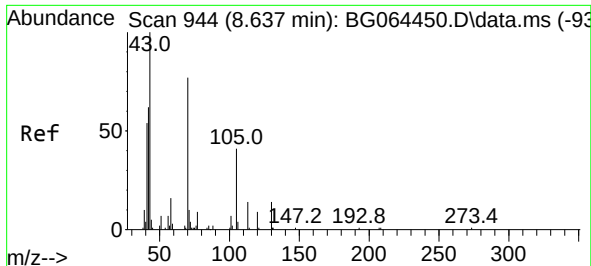
Tgt Ion:	107	Resp:	45376
Ion	Ratio	Lower	Upper
107	100		
108	112.3	86.2	129.2
77	60.8	46.7	70.1
79	62.4	49.0	73.6



#18
Hexachloroethane
Concen: 40.457 ng
RT: 8.914 min Scan# 991
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Tgt Ion:	117	Resp:	20444
Ion	Ratio	Lower	Upper
117	100		
119	100.1	76.6	115.0
201	137.4	103.0	154.6

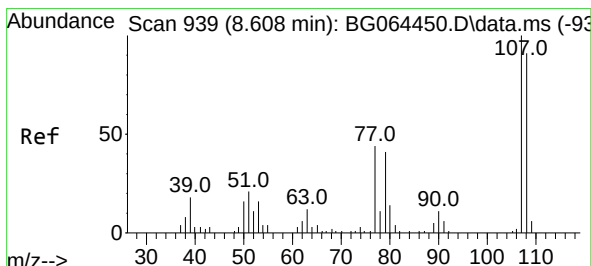
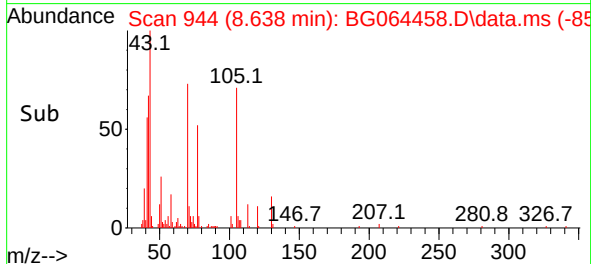
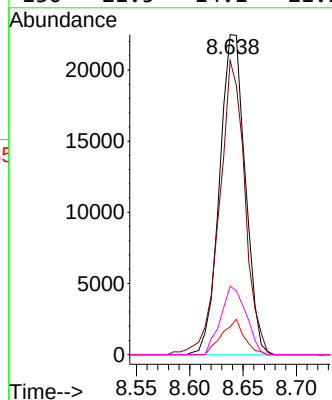
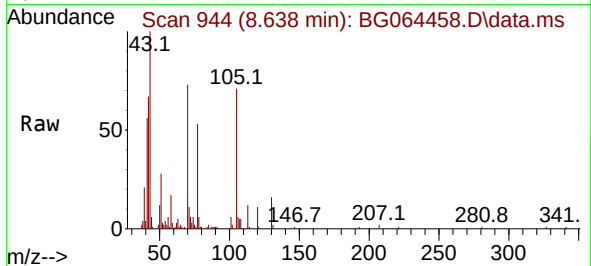




#19
n-Nitroso-di-n-propylamine
Concen: 43.372 ng
RT: 8.638 min Scan# 944
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

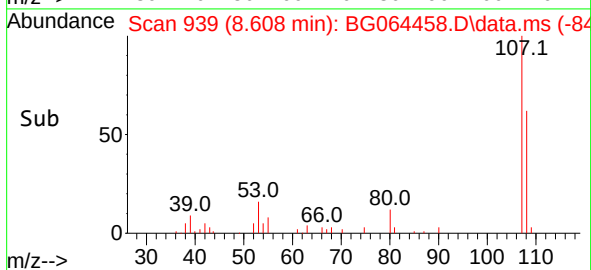
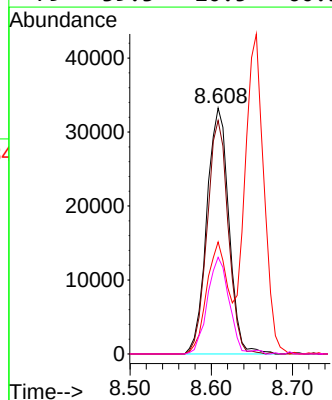
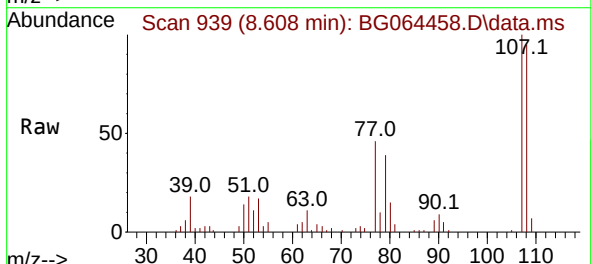
Instrument :
BNA_G
ClientSampleId :
PB169873BS

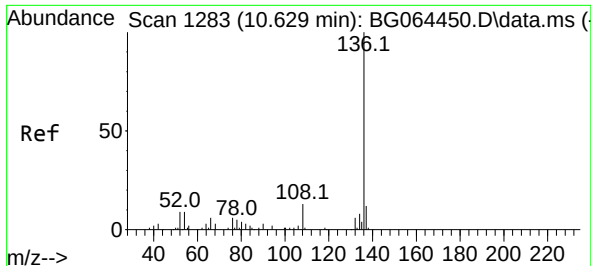
Tgt Ion:	70	Resp:	37551
Ion	Ratio	Lower	Upper
70	100		
42	91.9	65.6	98.4
101	8.7	7.7	11.5
130	21.5	14.1	21.1



#20
3+4-Methylphenols
Concen: 44.614 ng
RT: 8.608 min Scan# 939
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Tgt Ion:	107	Resp:	62835
Ion	Ratio	Lower	Upper
107	100		
108	95.0	70.9	110.9
77	45.6	24.4	64.4
79	39.3	20.5	60.5

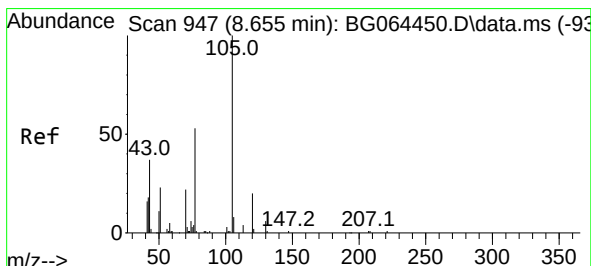
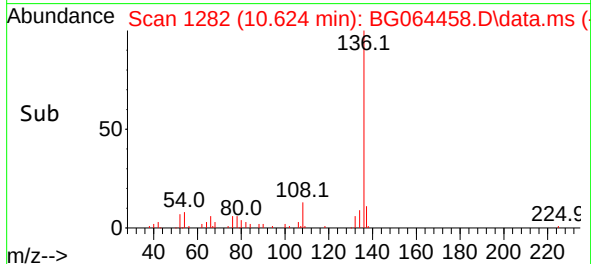
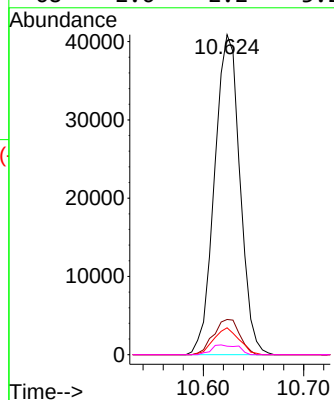
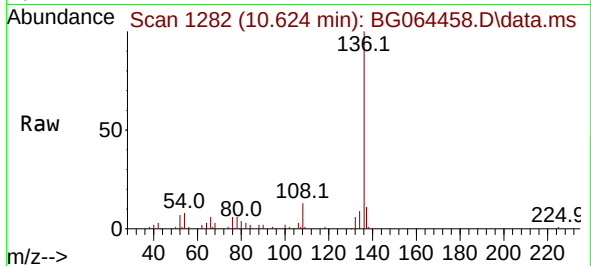




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.624 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

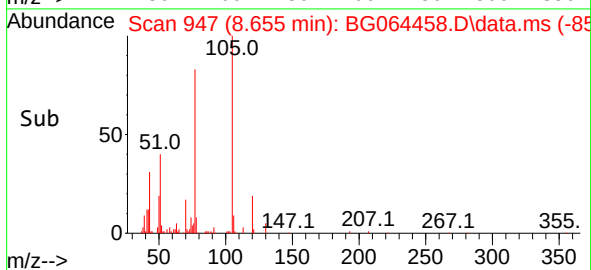
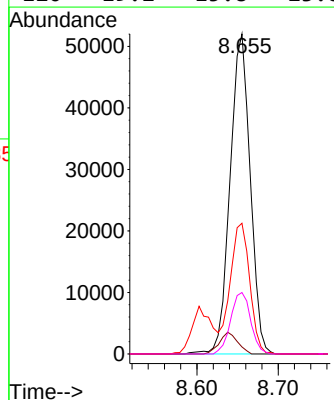
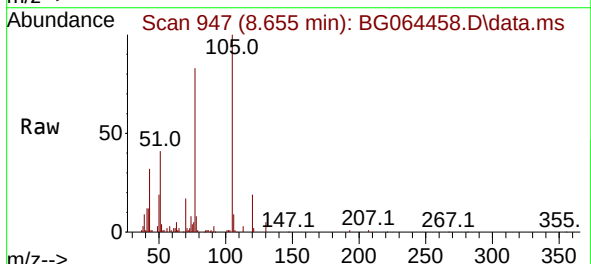
Instrument :
BNA_G
ClientSampleId :
PB169873BS

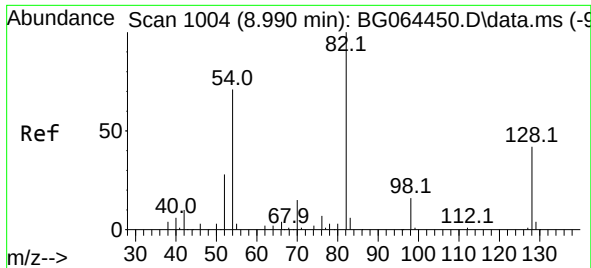
Tgt Ion:	136	Resp:	71713
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	8.4	7.4	11.2
68	2.6	2.2	3.2



#22
Acetophenone
Concen: 52.074 ng
RT: 8.655 min Scan# 947
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Tgt Ion:	105	Resp:	89404
Ion	Ratio	Lower	Upper
105	100		
71	2.2	2.5	3.7#
51	40.8	29.0	43.6
120	19.2	15.8	23.8

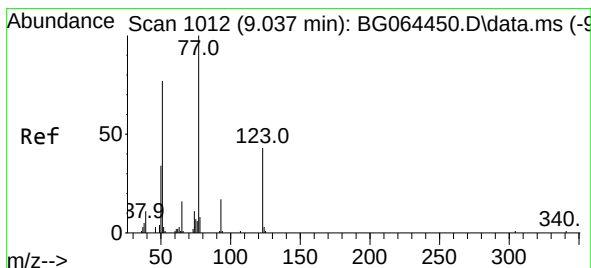
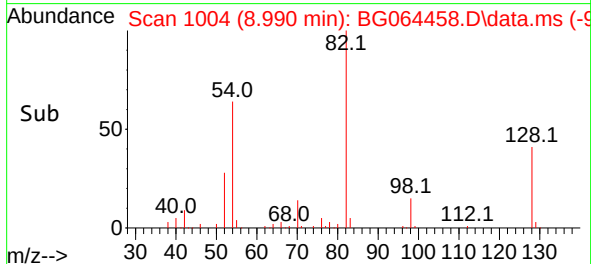
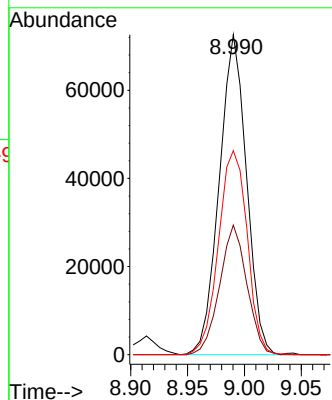
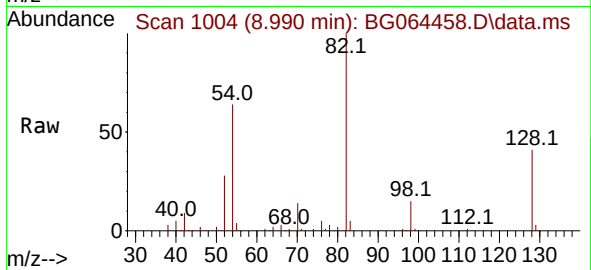




#23
 Nitrobenzene-d5
 Concen: 91.482 ng
 RT: 8.990 min Scan# 1004
 Delta R.T. 0.001 min
 Lab File: BG064458.D
 Acq: 29 Sep 2025 13:43

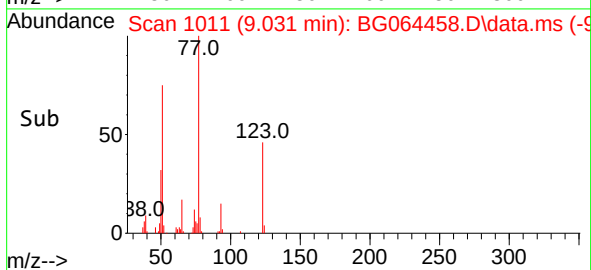
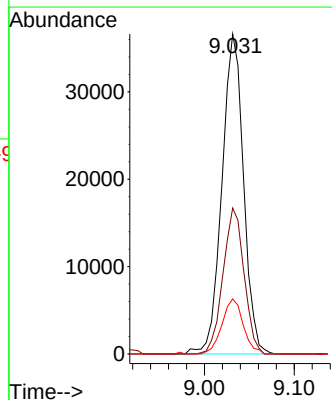
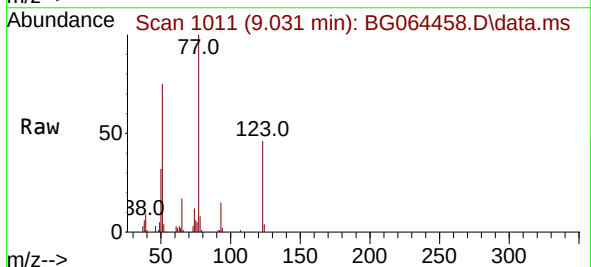
Instrument :
 BNA_G
 ClientSampleId :
 PB169873BS

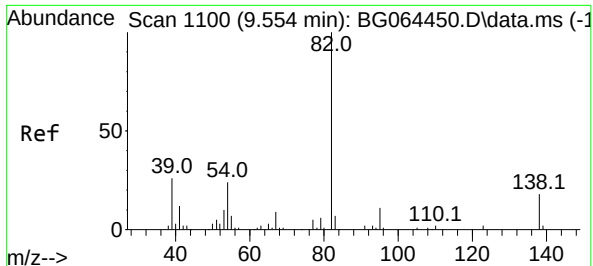
Tgt Ion: 82 Resp: 121053
 Ion Ratio Lower Upper
 82 100
 128 40.5 33.7 50.5
 54 63.7 57.0 85.6



#24
 Nitrobenzene
 Concen: 47.236 ng
 RT: 9.031 min Scan# 1011
 Delta R.T. -0.005 min
 Lab File: BG064458.D
 Acq: 29 Sep 2025 13:43

Tgt Ion: 77 Resp: 61013
 Ion Ratio Lower Upper
 77 100
 123 45.6 34.7 52.1
 65 17.2 12.8 19.2

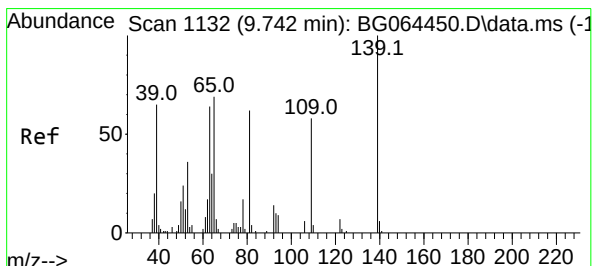
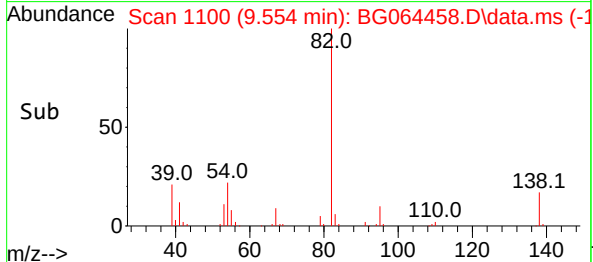
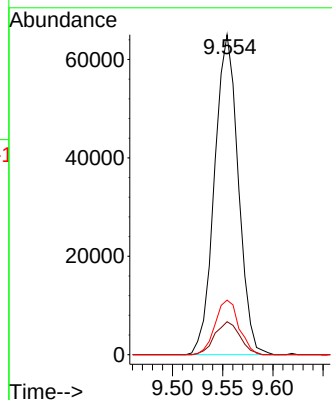
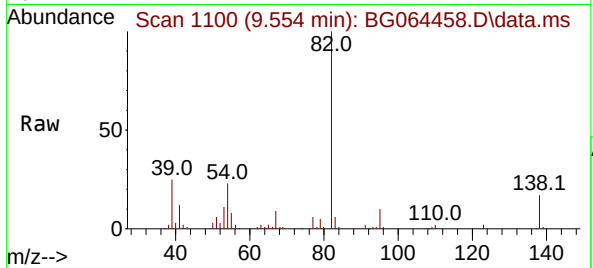




#25
Isophorone
Concen: 43.700 ng
RT: 9.554 min Scan# 1100
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

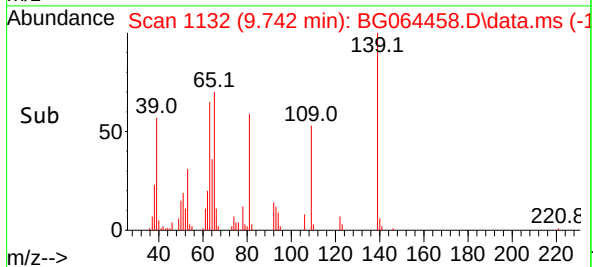
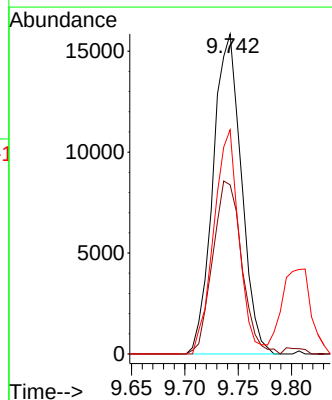
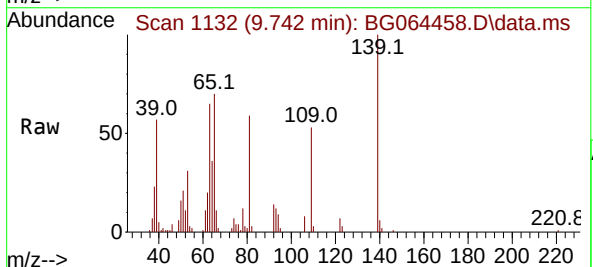
Instrument :
BNA_G
ClientSampleId :
PB169873BS

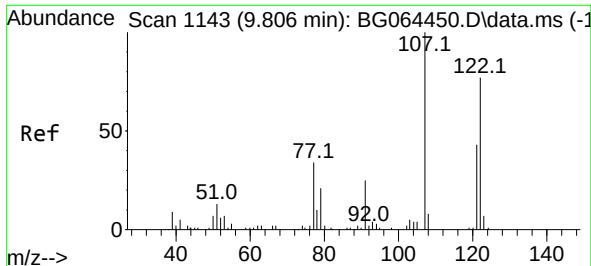
Tgt Ion: 82 Resp: 106995
Ion Ratio Lower Upper
82 100
95 10.3 8.5 12.7
138 17.1 14.3 21.5



#26
2-Nitrophenol
Concen: 46.065 ng
RT: 9.742 min Scan# 1132
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Tgt Ion:139 Resp: 29288
Ion Ratio Lower Upper
139 100
109 52.9 46.6 70.0
65 70.0 54.9 82.3





#27

2,4-Dimethylphenol

Concen: 52.042 ng

RT: 9.807 min Scan# 1143

Delta R.T. 0.001 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB169873BS

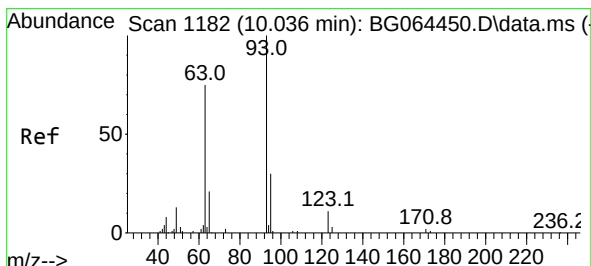
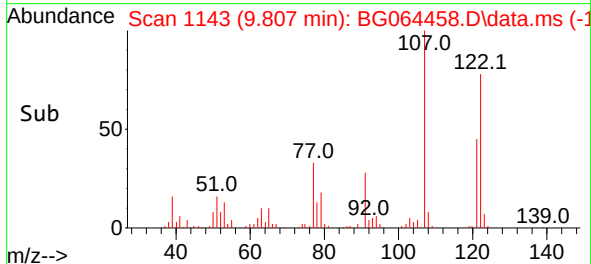
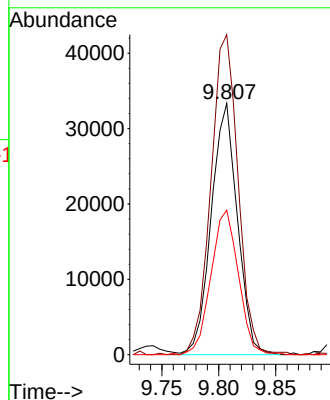
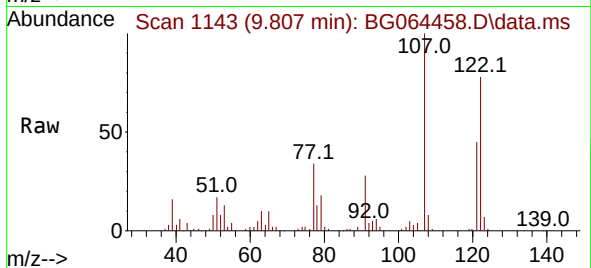
Tgt Ion:122 Resp: 53368

Ion Ratio Lower Upper

122 100

107 127.4 102.6 153.8

121 57.6 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 45.339 ng

RT: 10.036 min Scan# 1182

Delta R.T. 0.001 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

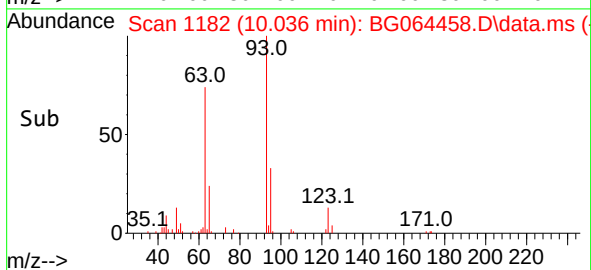
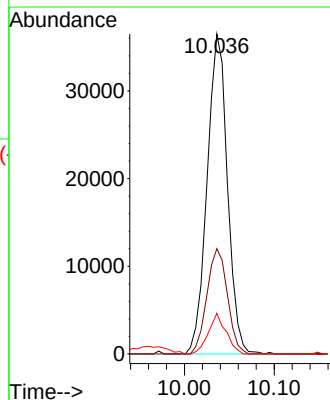
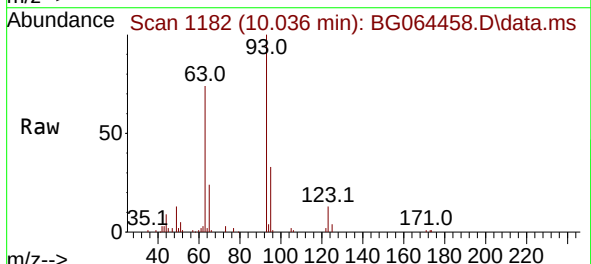
Tgt Ion: 93 Resp: 57348

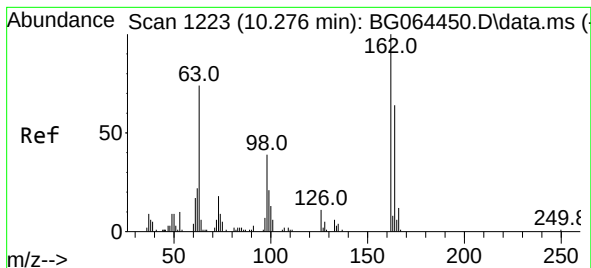
Ion Ratio Lower Upper

93 100

95 32.9 24.0 36.0

123 12.7 9.0 13.4

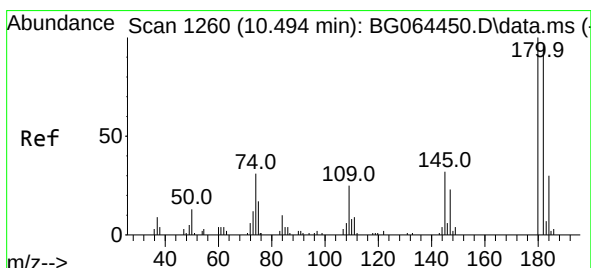
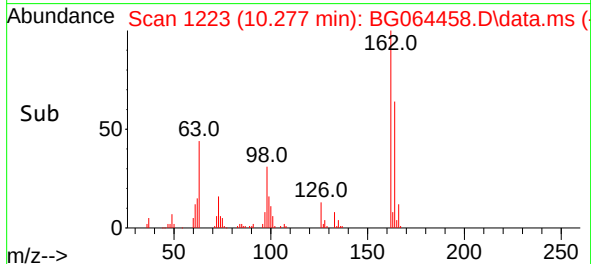
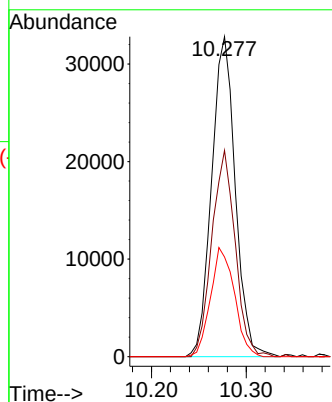
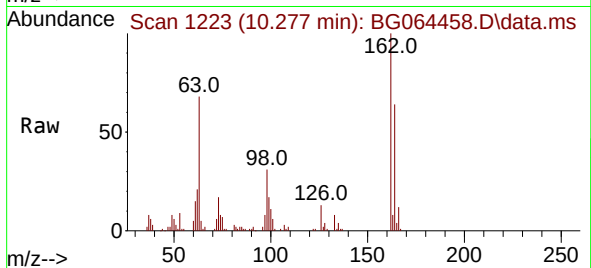




#29
2,4-Dichlorophenol
Concen: 48.197 ng
RT: 10.277 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

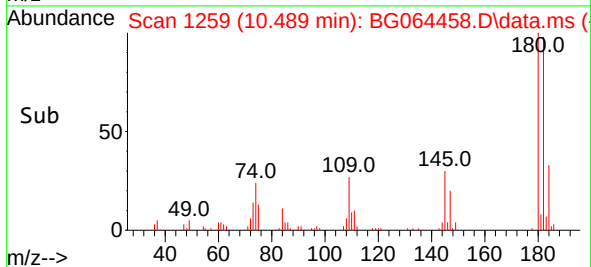
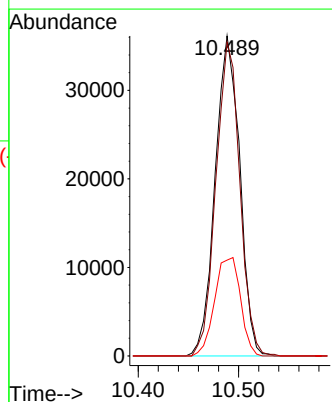
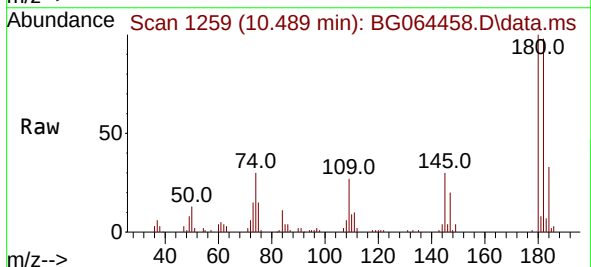
Instrument :
BNA_G
ClientSampleId :
PB169873BS

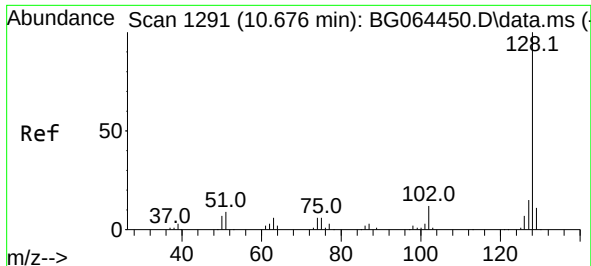
Tgt Ion:162 Resp: 56884
Ion Ratio Lower Upper
162 100
164 64.4 43.7 83.7
98 31.2 19.2 59.2



#30
1,2,4-Trichlorobenzene
Concen: 48.582 ng
RT: 10.489 min Scan# 1259
Delta R.T. -0.005 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

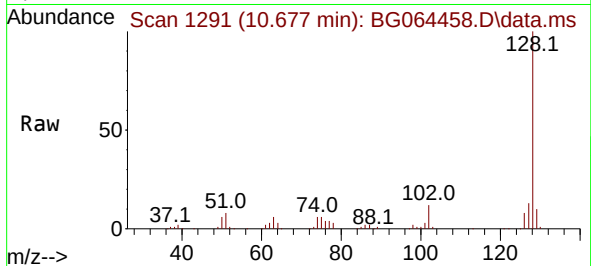
Tgt Ion:180 Resp: 61330
Ion Ratio Lower Upper
180 100
182 98.0 77.0 115.4
145 30.0 25.4 38.2



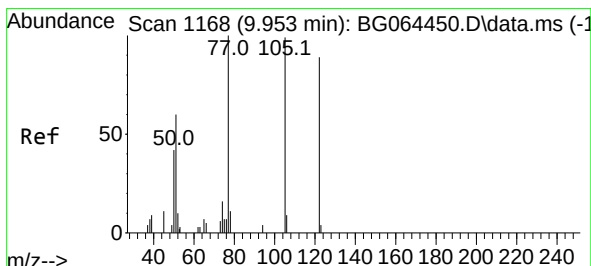
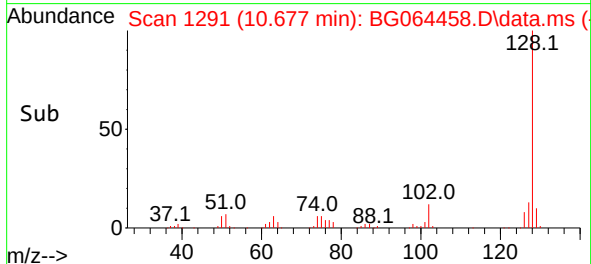
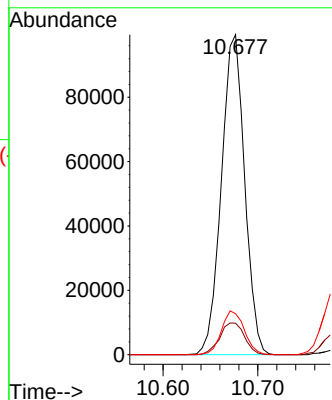


#31
Naphthalene
Concen: 45.309 ng
RT: 10.677 min Scan# 1170
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Instrument :
BNA_G
ClientSampleId :
PB169873BS

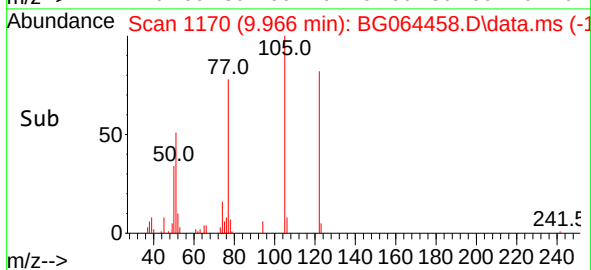
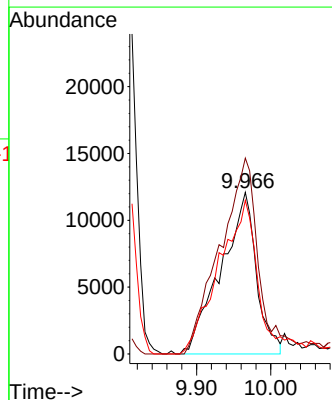
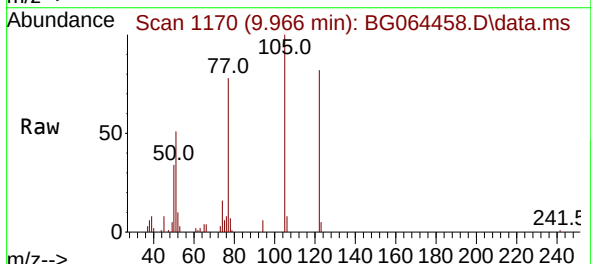


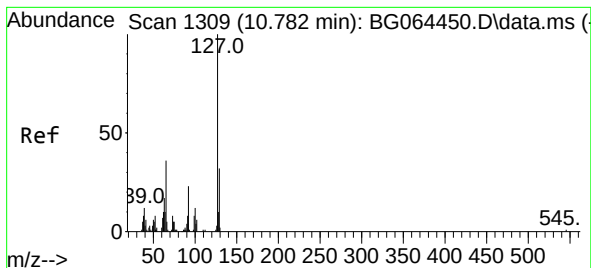
Tgt Ion:128 Resp: 169632
Ion Ratio Lower Upper
128 100
129 9.8 9.2 13.8
127 12.8 12.1 18.1



#32
Benzoic acid
Concen: 50.467 ng
RT: 9.966 min Scan# 1170
Delta R.T. 0.012 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Tgt Ion:122 Resp: 40094
Ion Ratio Lower Upper
122 100
105 121.2 91.0 131.0
77 95.1 92.2 132.2

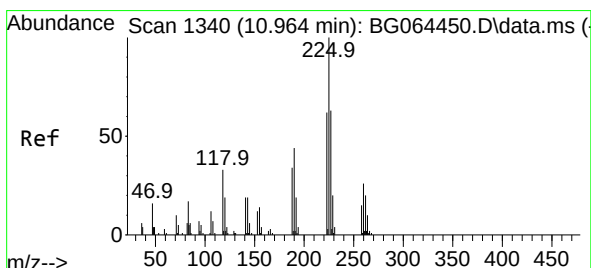
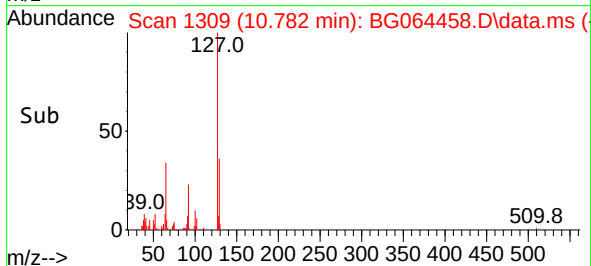
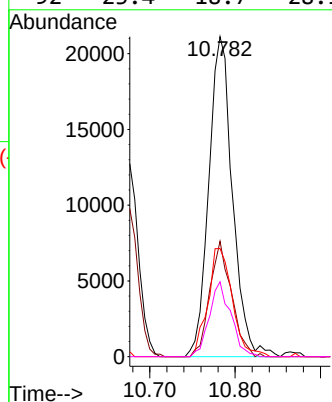
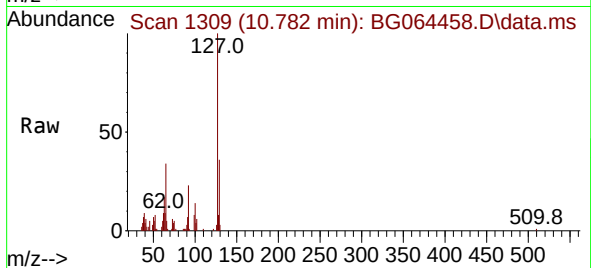




#33
4-Chloroaniline
Concen: 29.755 ng
RT: 10.782 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

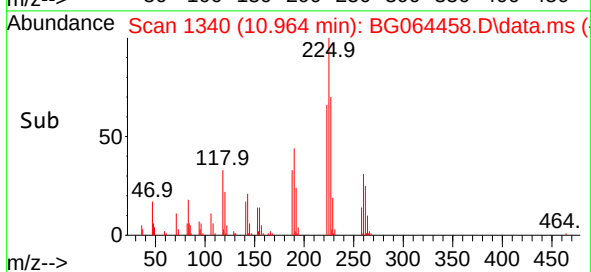
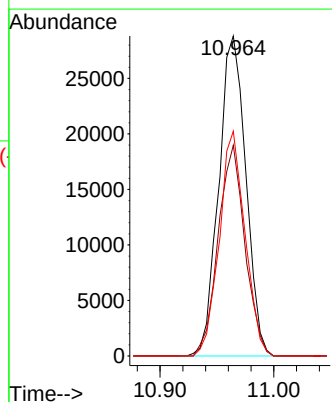
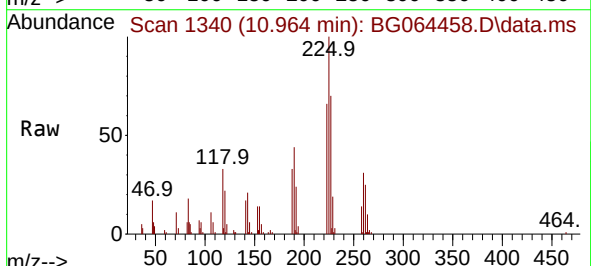
Instrument :
BNA_G
ClientSampleId :
PB169873BS

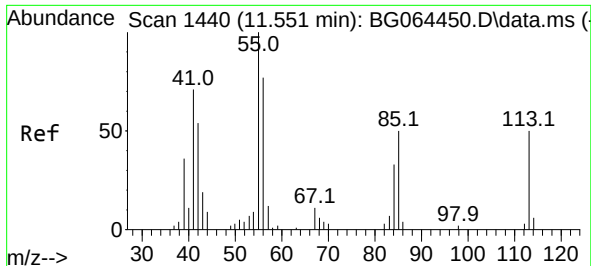
Tgt Ion:	127	Resp:	40751
Ion	Ratio	Lower	Upper
127	100		
129	36.1	25.7	38.5
65	33.8	28.6	43.0
92	23.4	18.7	28.1



#34
Hexachlorobutadiene
Concen: 44.320 ng
RT: 10.964 min Scan# 1340
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Tgt Ion:	225	Resp:	47658
Ion	Ratio	Lower	Upper
225	100		
223	65.9	49.4	74.2
227	70.2	50.0	75.0

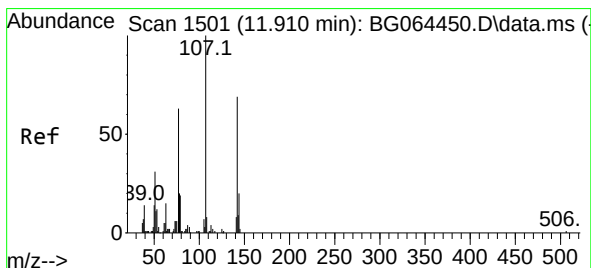
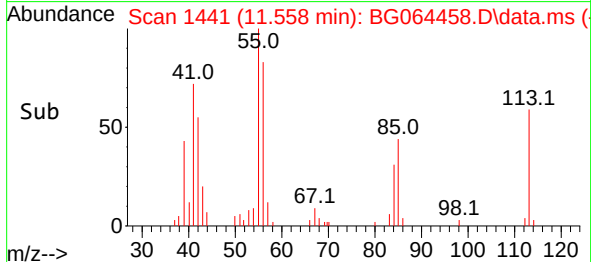
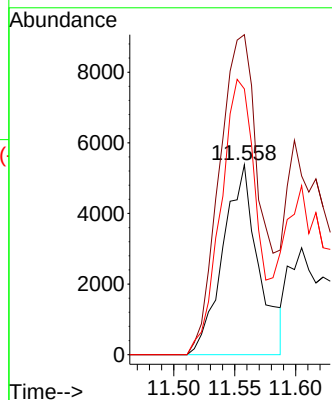
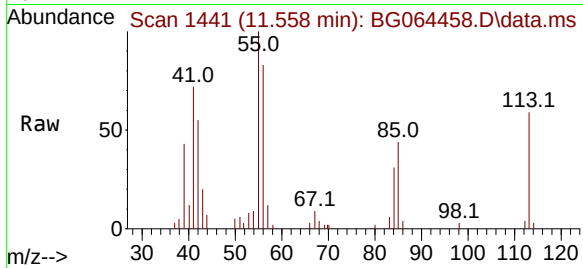




#35
 Caprolactam
 Concen: 27.898 ng
 RT: 11.558 min Scan# 1441
 Delta R.T. 0.006 min
 Lab File: BG064458.D
 Acq: 29 Sep 2025 13:43

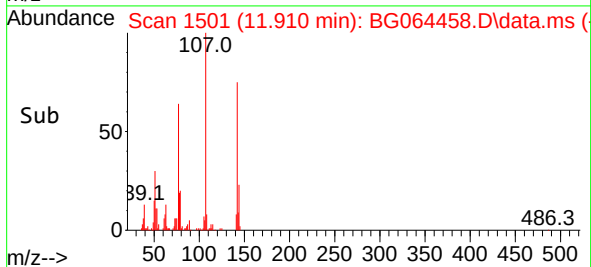
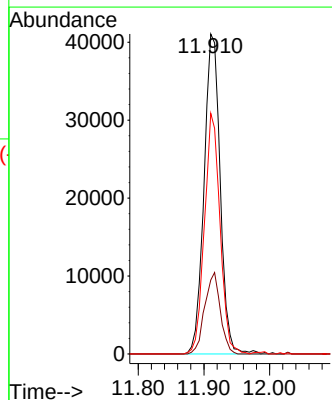
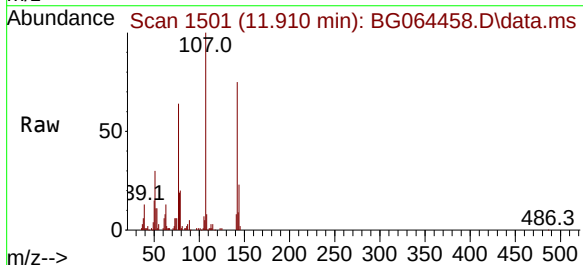
Instrument :
 BNA_G
 ClientSampleId :
 PB169873BS

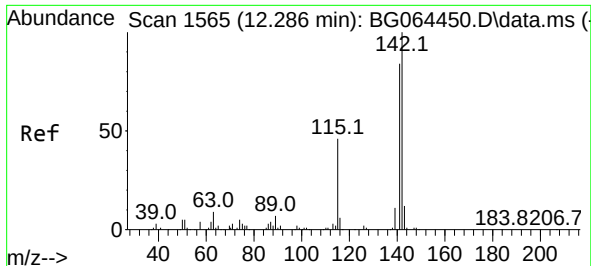
Tgt Ion:113 Resp: 10864
 Ion Ratio Lower Upper
 113 100
 55 168.5 178.3 218.3#
 56 139.9 132.4 172.4



#36
 4-Chloro-3-methylphenol
 Concen: 50.356 ng
 RT: 11.910 min Scan# 1501
 Delta R.T. 0.001 min
 Lab File: BG064458.D
 Acq: 29 Sep 2025 13:43

Tgt Ion:107 Resp: 70444
 Ion Ratio Lower Upper
 107 100
 144 23.1 16.3 24.5
 142 75.2 55.5 83.3

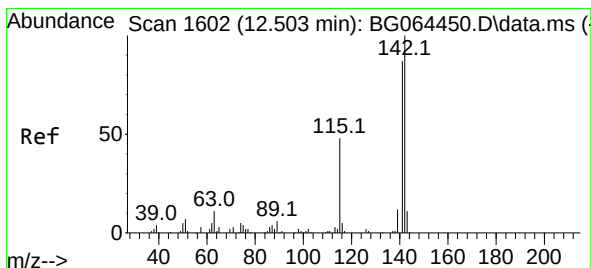
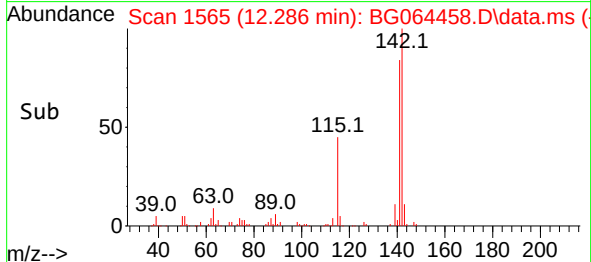
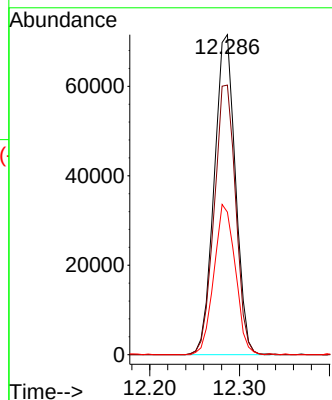
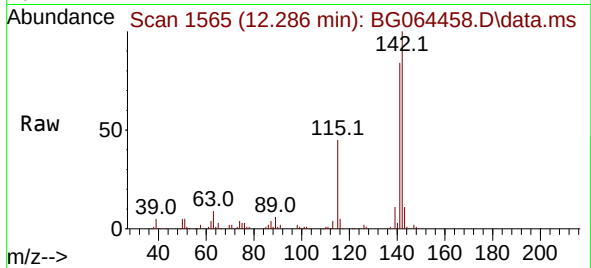




#37
2-Methylnaphthalene
Concen: 41.542 ng
RT: 12.286 min Scan# 1565
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

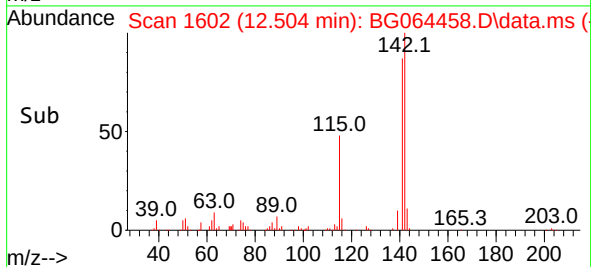
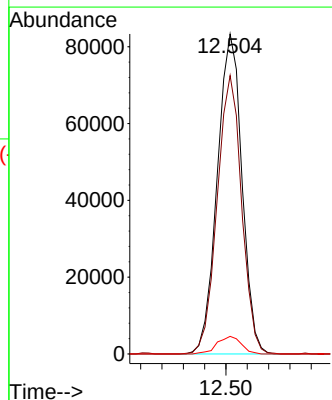
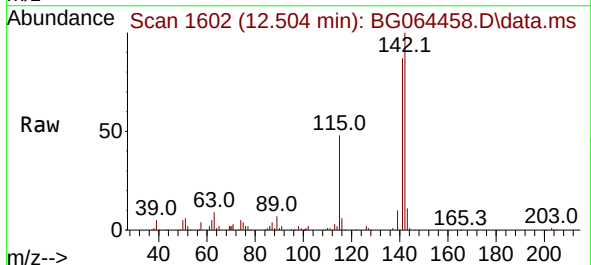
Instrument :
BNA_G
ClientSampleId :
PB169873BS

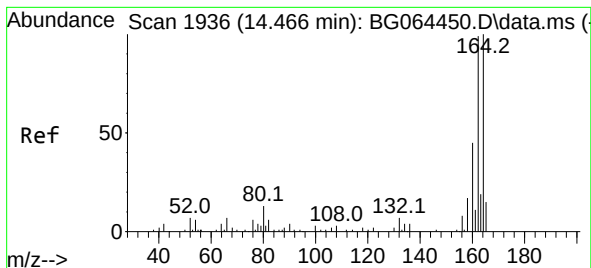
Tgt Ion:142 Resp: 117439
Ion Ratio Lower Upper
142 100
141 84.2 67.3 100.9
115 44.6 37.0 55.4



#38
1-Methylnaphthalene
Concen: 48.173 ng
RT: 12.504 min Scan# 1602
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Tgt Ion:142 Resp: 133810
Ion Ratio Lower Upper
142 100
141 87.0 69.2 103.8
116 5.5 4.2 6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.460 min Scan# 1936

Delta R.T. -0.005 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB169873BS

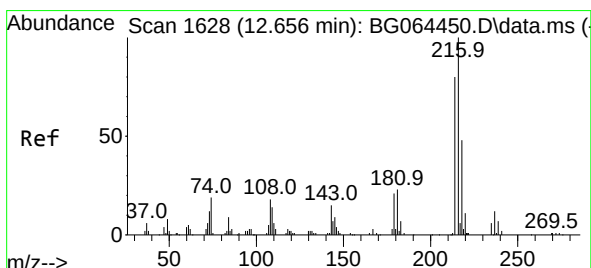
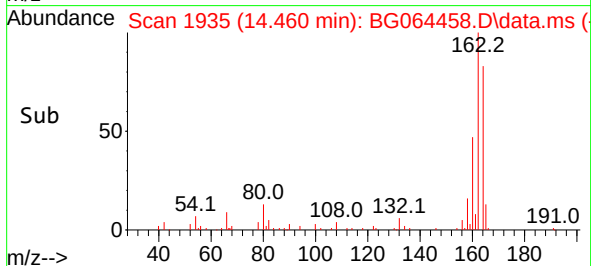
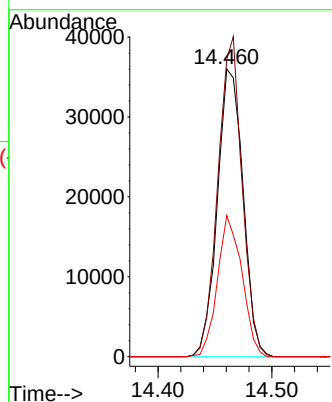
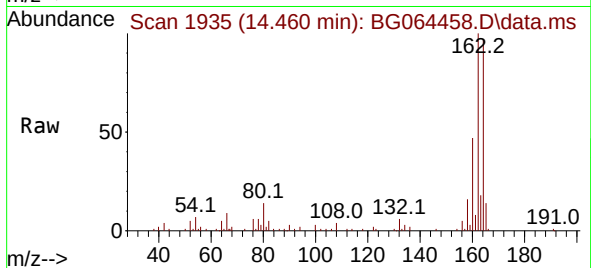
Tgt Ion:164 Resp: 56728

Ion Ratio Lower Upper

164 100

162 103.4 79.0 118.4

160 49.1 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.381 ng

RT: 12.657 min Scan# 1628

Delta R.T. 0.001 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

Tgt Ion:216 Resp: 96508

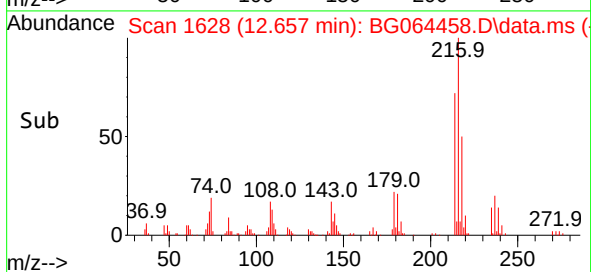
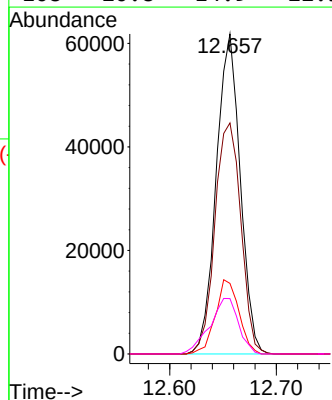
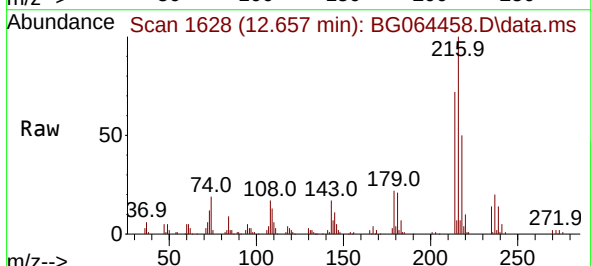
Ion Ratio Lower Upper

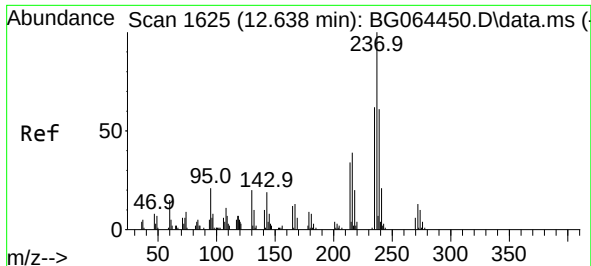
216 100

214 78.1 63.1 94.7

179 22.8 17.4 26.2

108 20.8 14.9 22.3

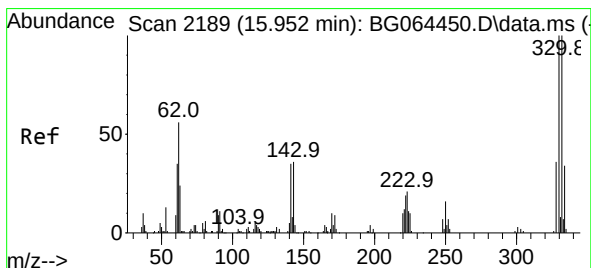
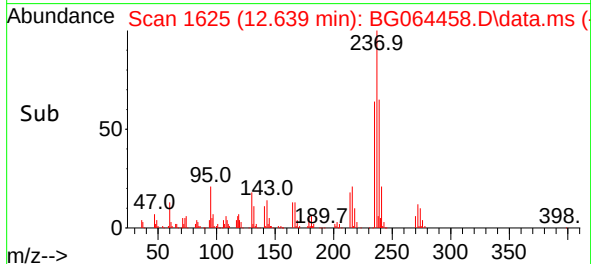
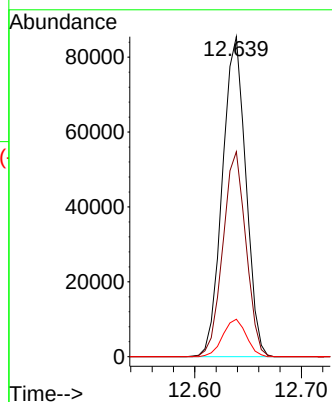
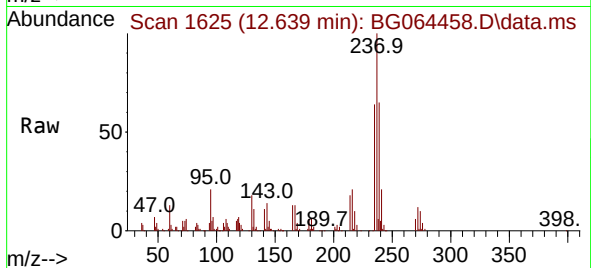




#41
Hexachlorocyclopentadiene
Concen: 135.645 ng
RT: 12.639 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

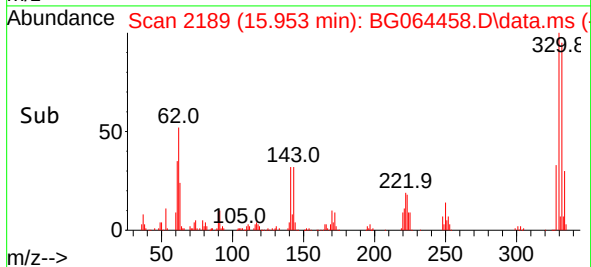
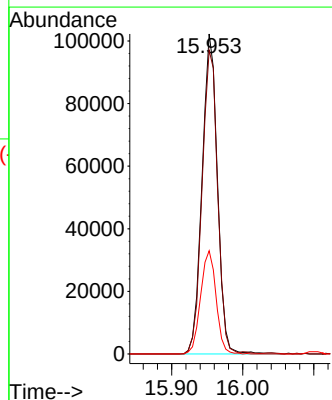
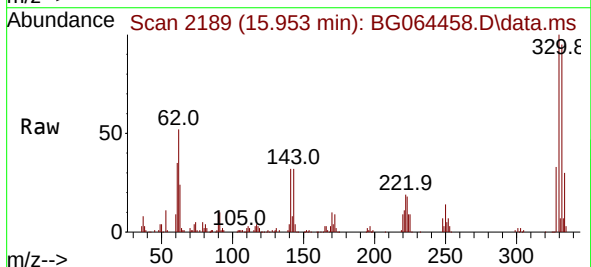
Instrument :
BNA_G
ClientSampleId :
PB169873BS

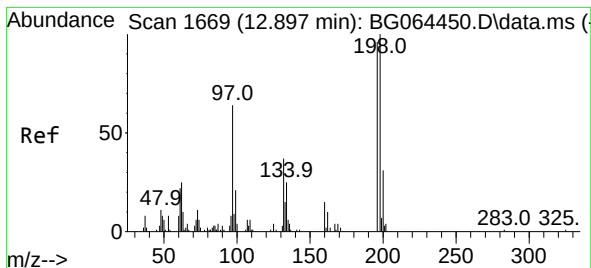
Tgt Ion:237 Resp: 130241
Ion Ratio Lower Upper
237 100
235 64.1 42.2 82.2
272 11.7 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 155.144 ng
RT: 15.953 min Scan# 2189
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Tgt Ion:330 Resp: 153644
Ion Ratio Lower Upper
330 100
332 96.2 78.8 118.2
141 32.4 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 50.685 ng

RT: 12.897 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB169873BS

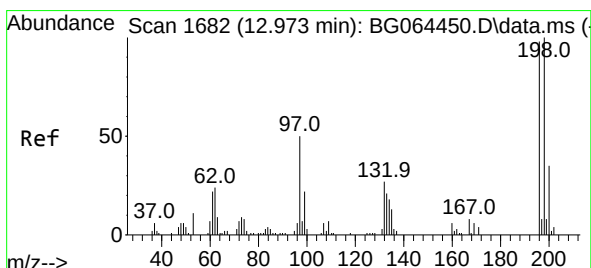
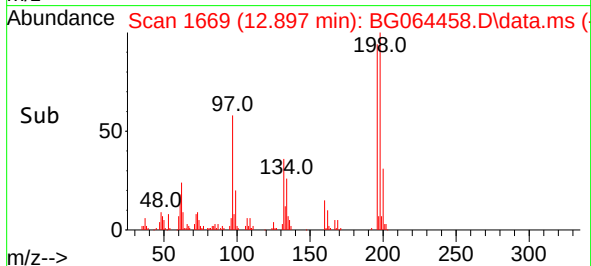
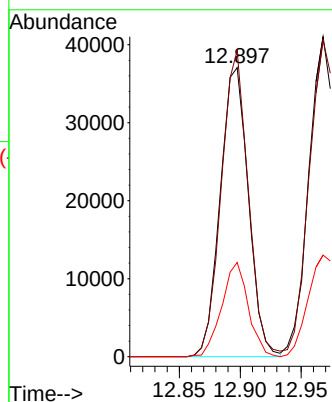
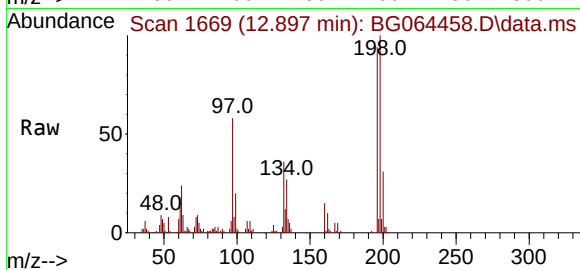
Tgt Ion:196 Resp: 59772

Ion Ratio Lower Upper

196 100

198 106.0 83.8 125.6

200 32.6 26.1 39.1



#44

2,4,5-Trichlorophenol

Concen: 50.722 ng

RT: 12.968 min Scan# 1681

Delta R.T. -0.005 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

Tgt Ion:196 Resp: 65247

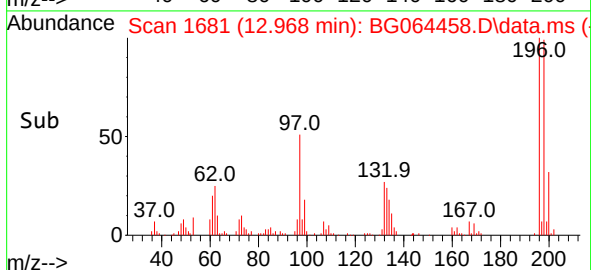
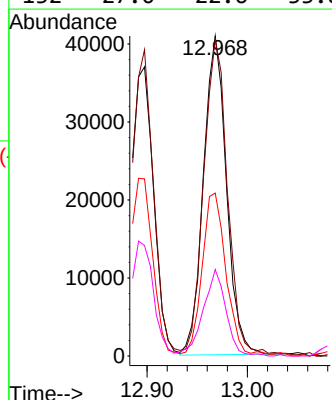
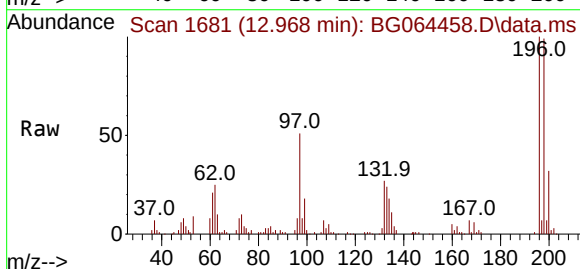
Ion Ratio Lower Upper

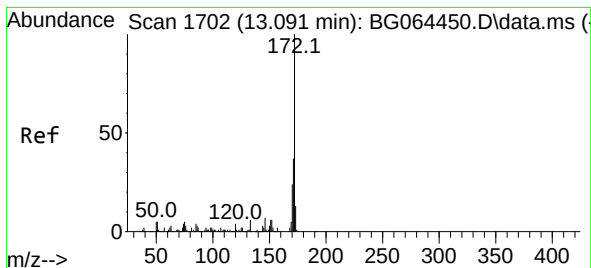
196 100

198 99.0 80.9 121.3

97 50.9 40.5 60.7

132 27.0 22.6 33.8

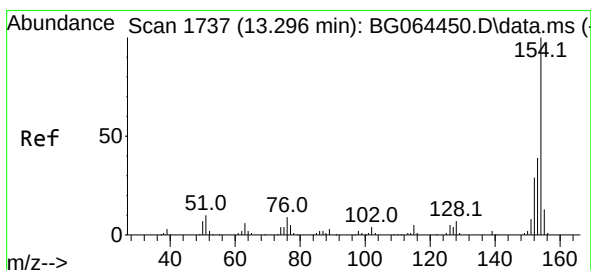
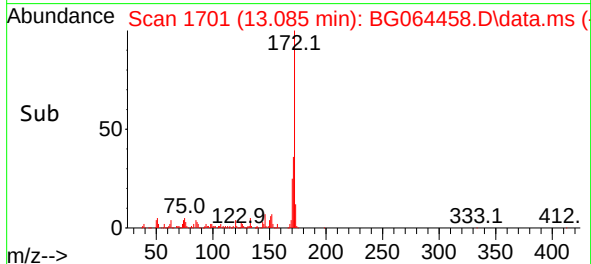
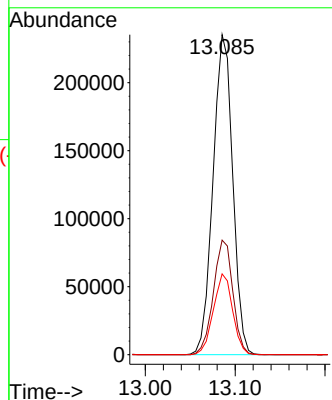
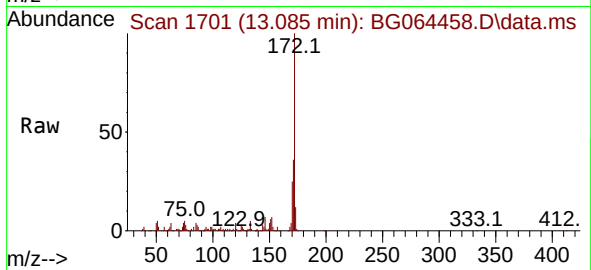




#45
2-Fluorobiphenyl
Concen: 92.984 ng
RT: 13.085 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

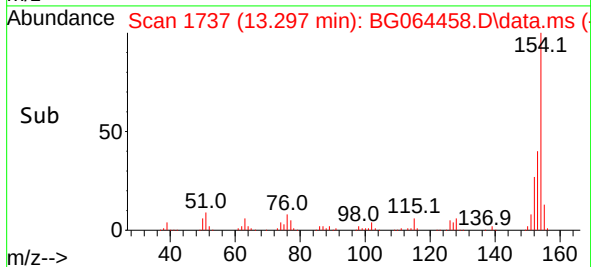
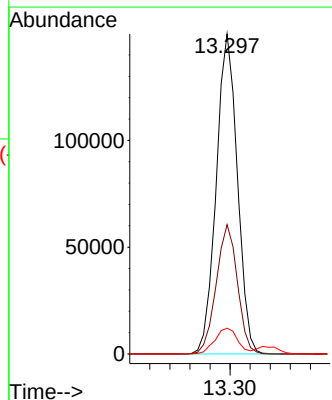
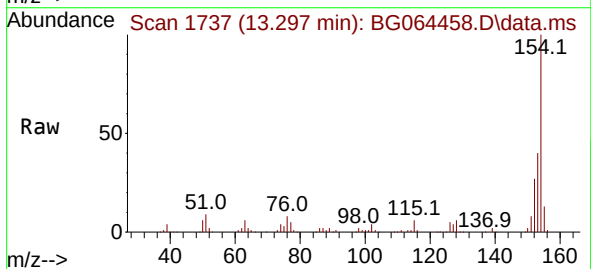
Instrument :
BNA_G
ClientSampleId :
PB169873BS

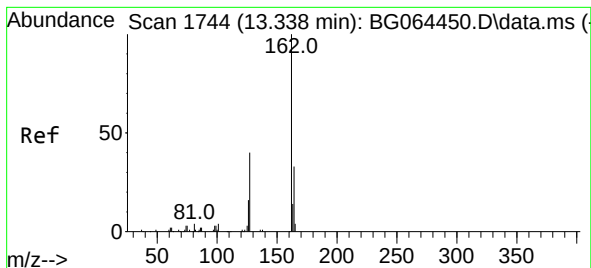
Tgt Ion:172 Resp: 357214
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.2
170 25.2 18.9 28.3



#46
1,1'-Biphenyl
Concen: 54.162 ng
RT: 13.297 min Scan# 1737
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Tgt Ion:154 Resp: 218566
Ion Ratio Lower Upper
154 100
153 40.4 18.8 58.8
76 8.1 0.0 28.8

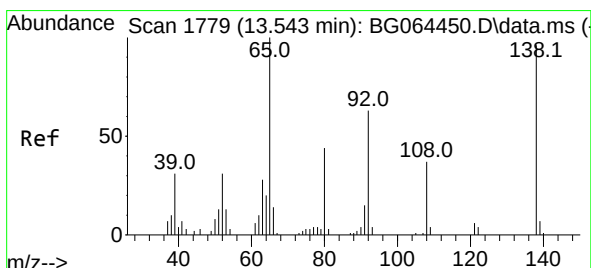
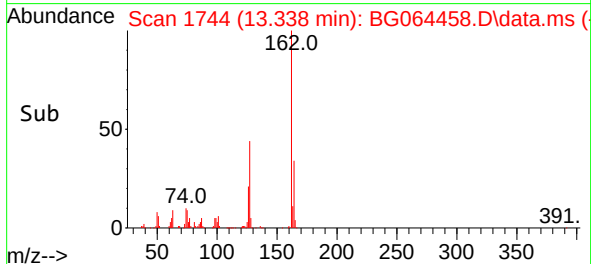
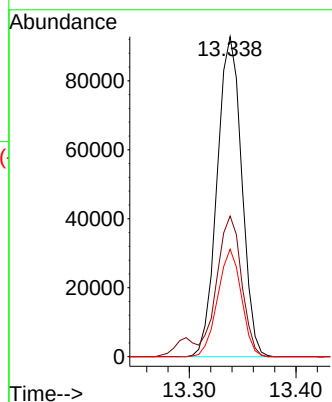
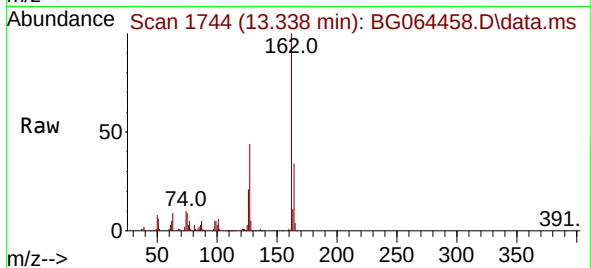




#47
2-Chloronaphthalene
Concen: 48.470 ng
RT: 13.338 min Scan# 1744
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

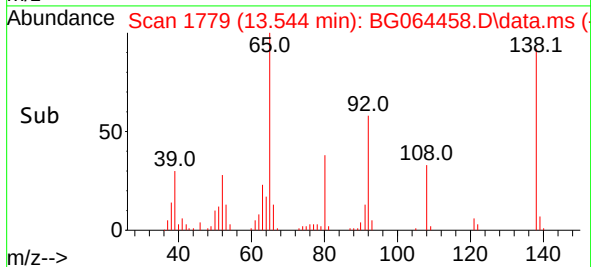
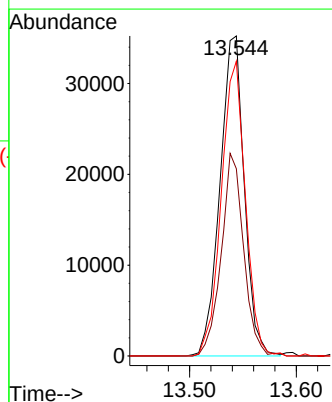
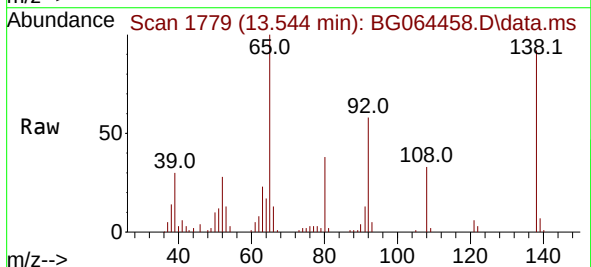
Instrument :
BNA_G
ClientSampleId :
PB169873BS

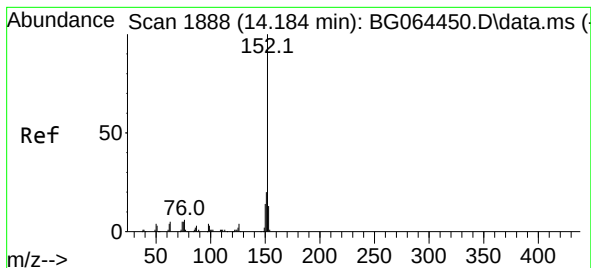
Tgt Ion:162 Resp: 148659
Ion Ratio Lower Upper
162 100
127 43.9 36.2 54.4
164 33.6 26.2 39.2



#48
2-Nitroaniline
Concen: 52.816 ng
RT: 13.544 min Scan# 1779
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Tgt Ion: 65 Resp: 55674
Ion Ratio Lower Upper
65 100
92 58.5 50.6 75.8
138 92.1 76.4 114.6





#49

Acenaphthylene

Concen: 51.895 ng

RT: 14.184 min Scan# 1888

Delta R.T. 0.001 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB169873BS

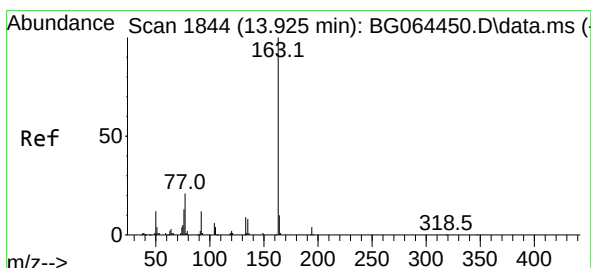
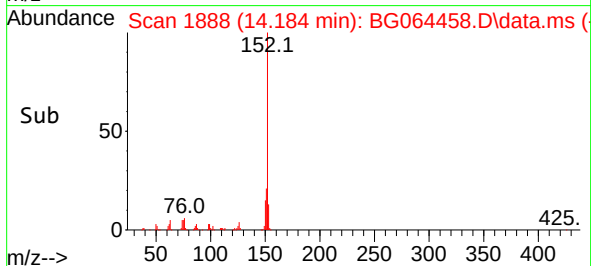
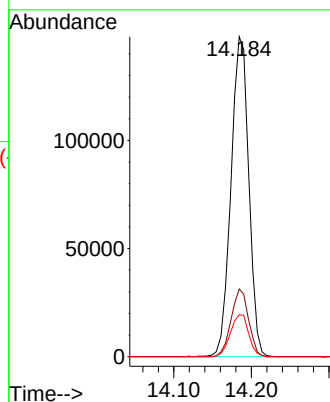
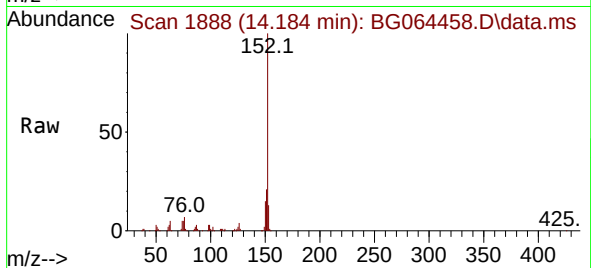
Tgt Ion:152 Resp: 236293

Ion Ratio Lower Upper

152 100

151 21.1 16.3 24.5

153 13.1 10.6 16.0



#50

Dimethylphthalate

Concen: 45.550 ng

RT: 13.926 min Scan# 1844

Delta R.T. 0.001 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

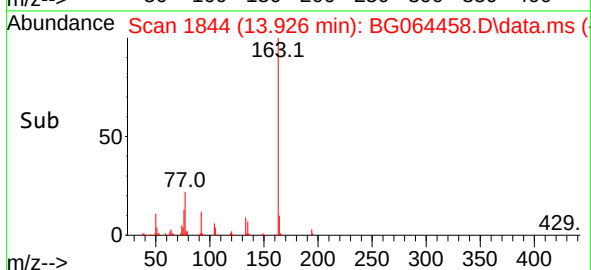
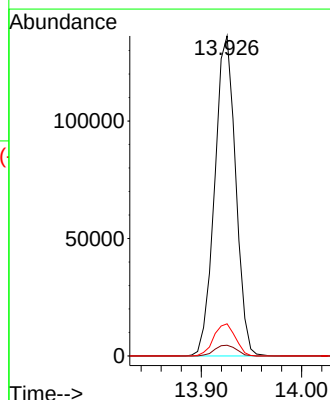
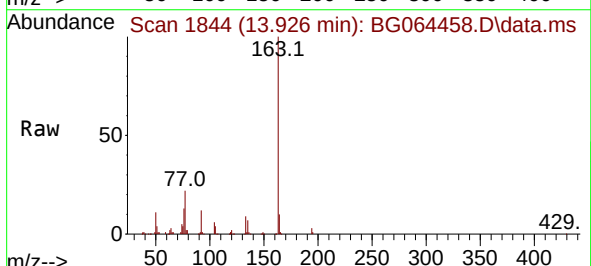
Tgt Ion:163 Resp: 197401

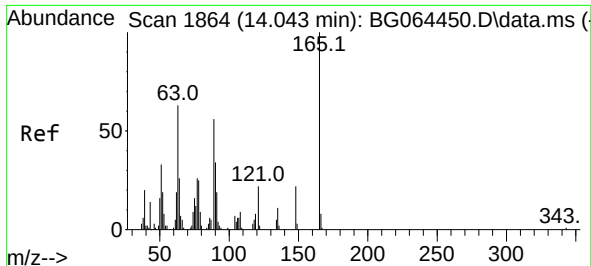
Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

164 10.0 8.2 12.2

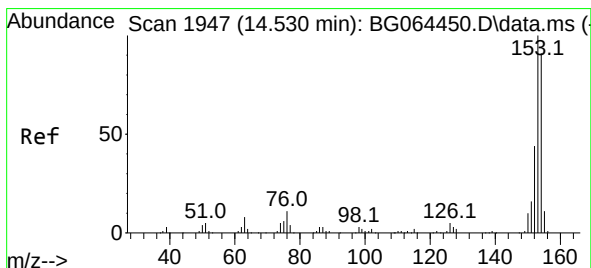
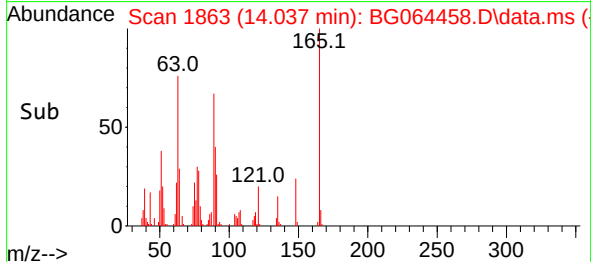
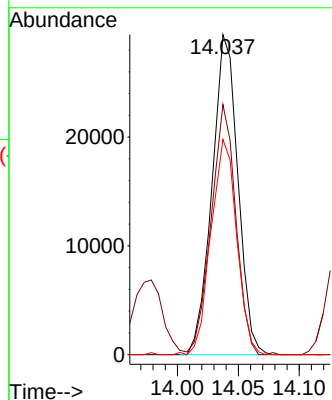
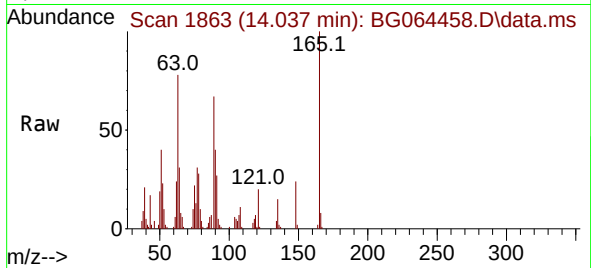




#51
2,6-Dinitrotoluene
Concen: 47.638 ng
RT: 14.037 min Scan# 1863
Delta R.T. -0.005 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

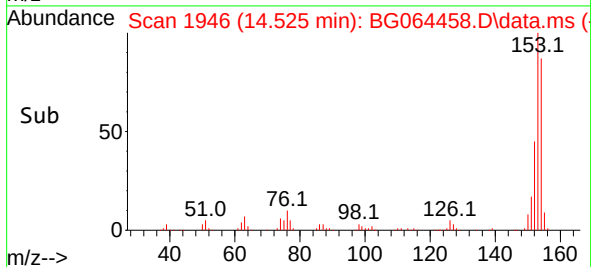
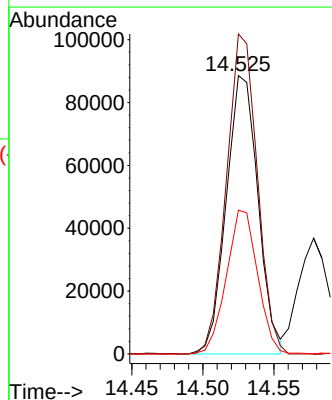
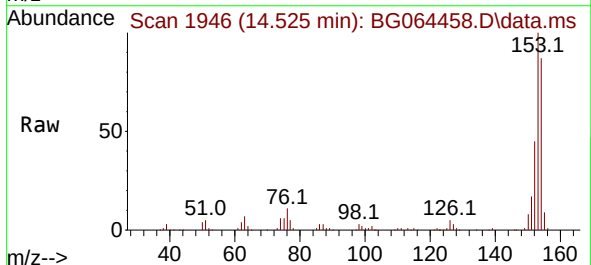
Instrument :
BNA_G
ClientSampleId :
PB169873BS

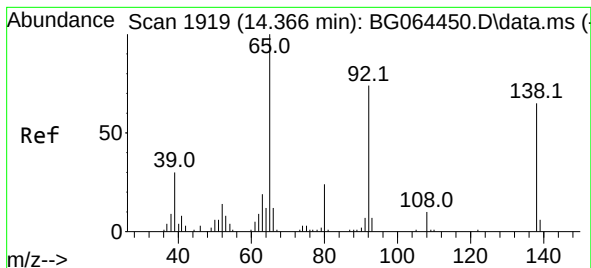
Tgt Ion:165 Resp: 43363
Ion Ratio Lower Upper
165 100
63 78.2 50.6 75.8#
89 67.2 44.6 67.0#



#52
Acenaphthene
Concen: 44.224 ng
RT: 14.525 min Scan# 1946
Delta R.T. -0.005 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Tgt Ion:154 Resp: 137804
Ion Ratio Lower Upper
154 100
153 115.0 88.1 132.1
152 51.7 39.0 58.4

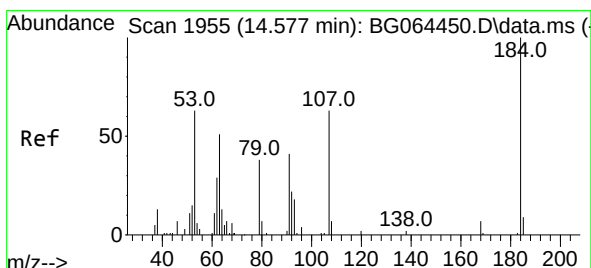
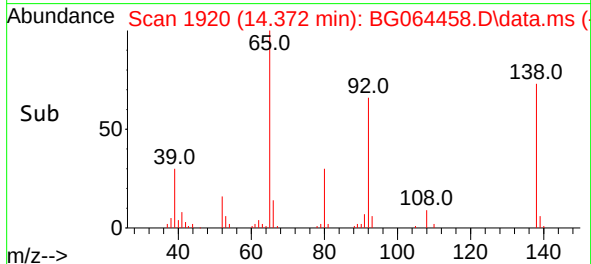
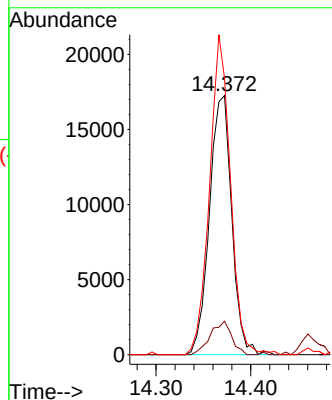
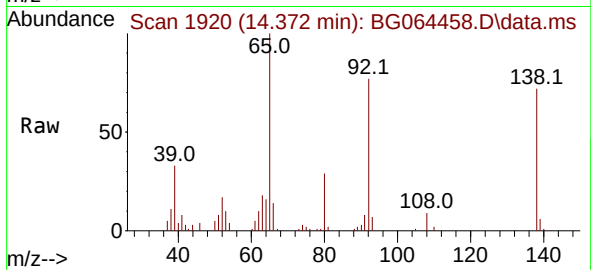




#53
3-Nitroaniline
Concen: 32.714 ng
RT: 14.372 min Scan# 1919
Delta R.T. 0.006 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

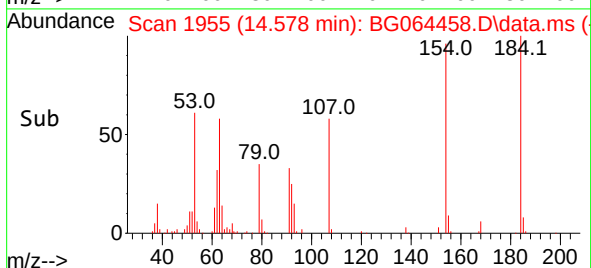
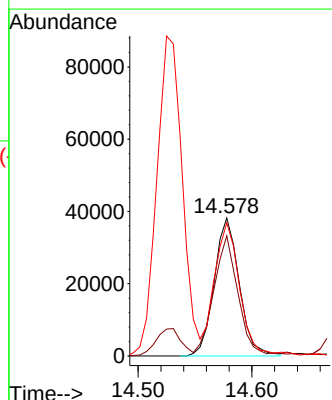
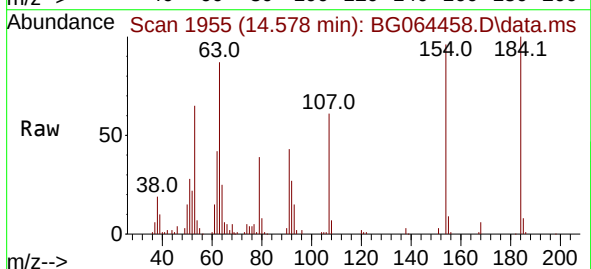
Instrument :
BNA_G
ClientSampleId :
PB169873BS

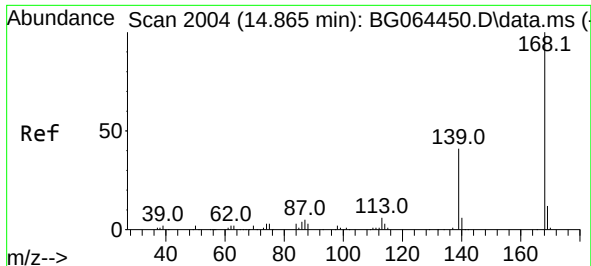
Tgt Ion:138 Resp: 28217
Ion Ratio Lower Upper
138 100
108 12.9 12.4 18.6
92 106.7 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 96.637 ng
RT: 14.578 min Scan# 1955
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Tgt Ion:184 Resp: 58420
Ion Ratio Lower Upper
184 100
63 87.1 69.8 104.8
154 96.5 74.2 111.4

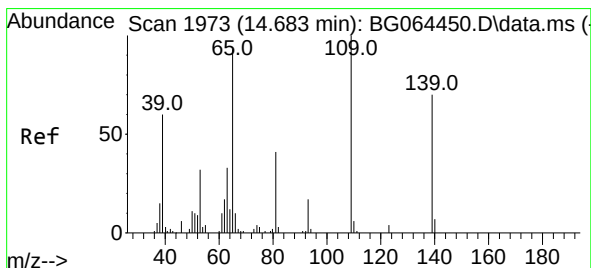
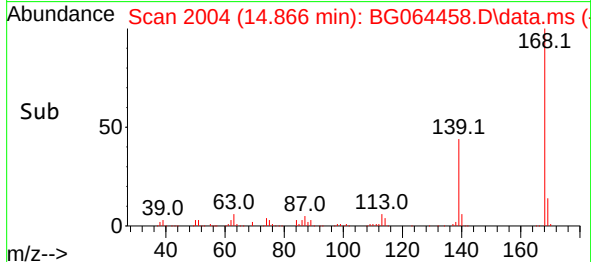
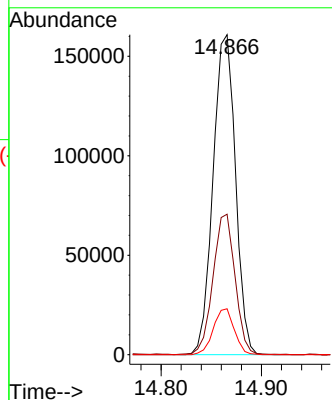
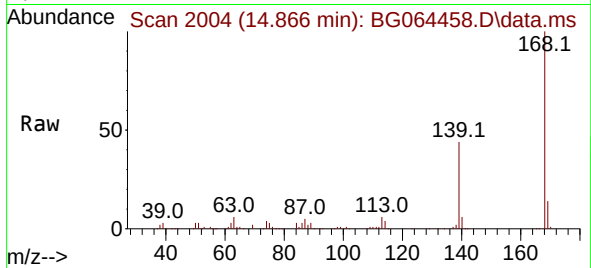




#55
Dibenzofuran
Concen: 48.297 ng
RT: 14.866 min Scan# 20
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

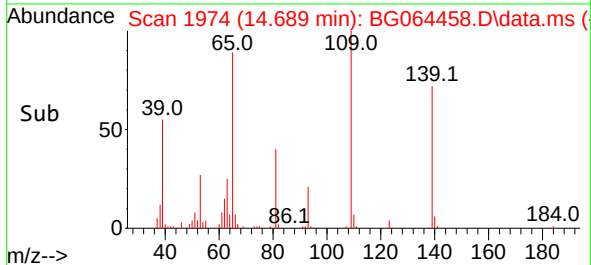
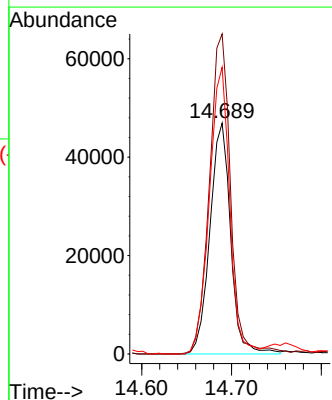
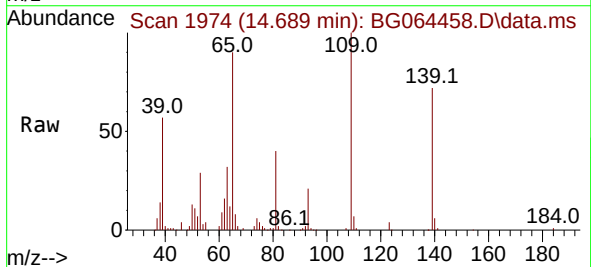
Instrument :
BNA_G
ClientSampleId :
PB169873BS

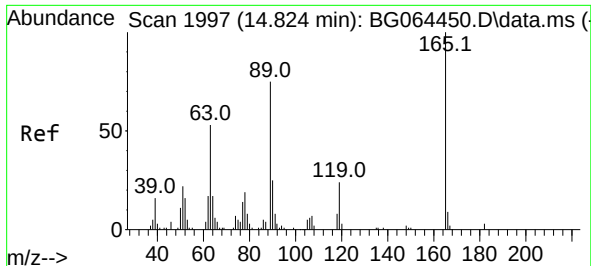
Tgt Ion:168 Resp: 249526
Ion Ratio Lower Upper
168 100
139 43.9 33.3 49.9
169 14.3 9.9 14.9



#56
4-Nitrophenol
Concen: 107.139 ng
RT: 14.689 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Tgt Ion:139 Resp: 74802
Ion Ratio Lower Upper
139 100
109 138.6 122.5 162.5
65 124.2 113.0 153.0





#57

2,4-Dinitrotoluene

Concen: 51.210 ng

RT: 14.830 min Scan# 1997

Delta R.T. 0.006 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB169873BS

Tgt Ion:165 Resp: 71163

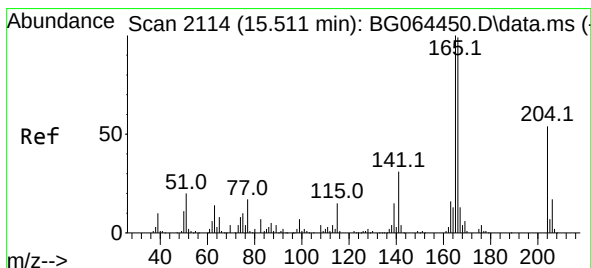
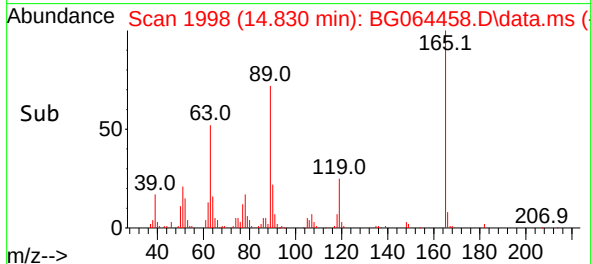
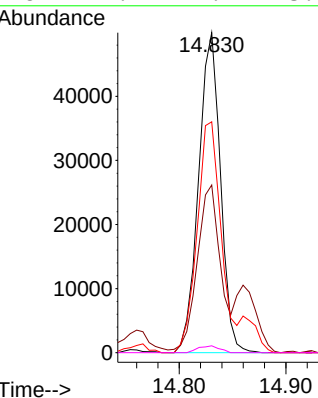
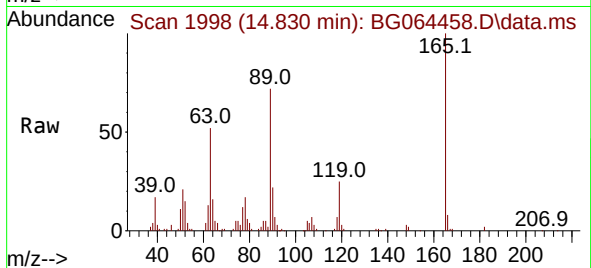
Ion Ratio Lower Upper

165 100

63 52.4 42.6 63.8

89 72.2 59.7 89.5

182 2.1 2.2 3.2#



#58

Fluorene

Concen: 50.336 ng

RT: 15.512 min Scan# 2114

Delta R.T. 0.001 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

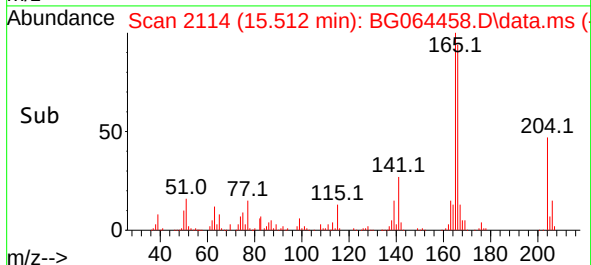
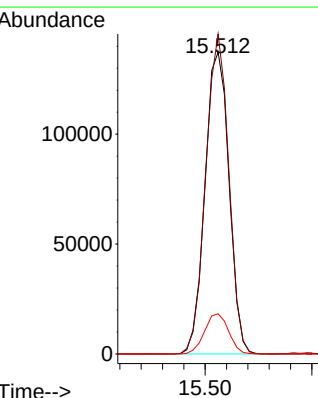
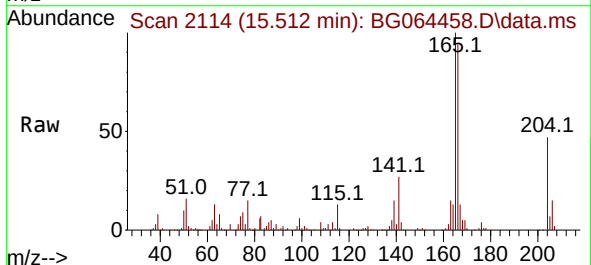
Tgt Ion:166 Resp: 214681

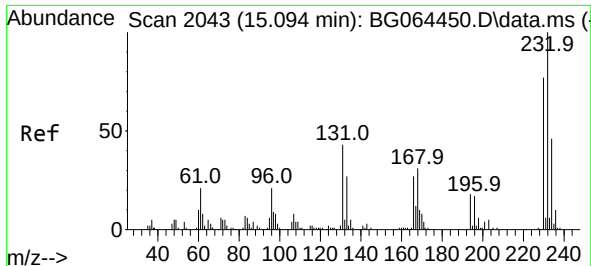
Ion Ratio Lower Upper

166 100

165 106.0 81.1 121.7

167 13.3 10.9 16.3

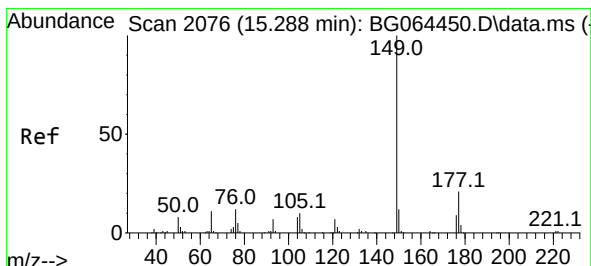
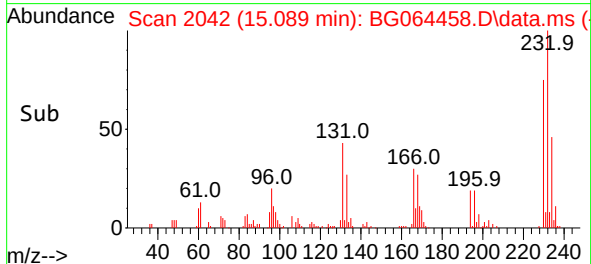
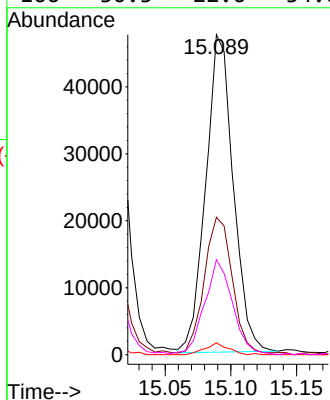
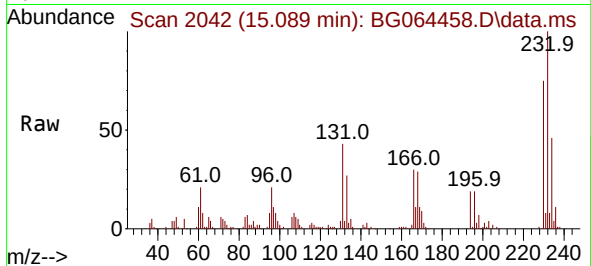




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.856 ng
RT: 15.089 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

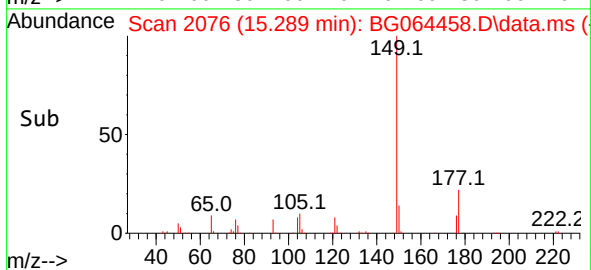
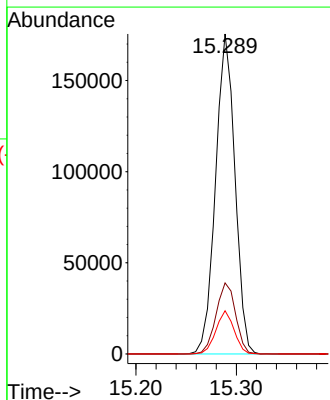
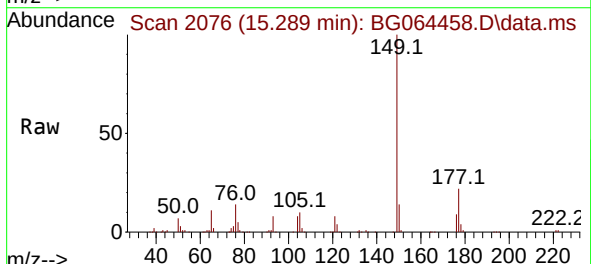
Instrument :
BNA_G
ClientSampleId :
PB169873BS

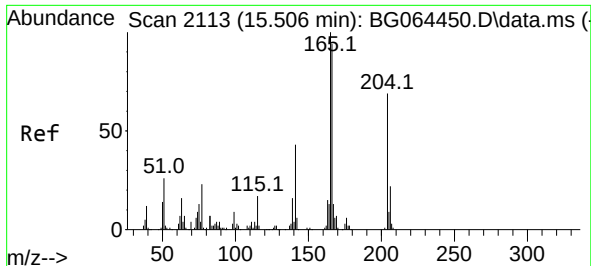
Tgt Ion:232 Resp: 69104
Ion Ratio Lower Upper
232 100
131 44.8 34.3 51.5
130 3.2 2.3 3.5
166 30.3 22.6 34.0



#60
Diethylphthalate
Concen: 50.354 ng
RT: 15.289 min Scan# 2076
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Tgt Ion:149 Resp: 235131
Ion Ratio Lower Upper
149 100
177 22.2 17.1 25.7
150 13.5 9.5 14.3

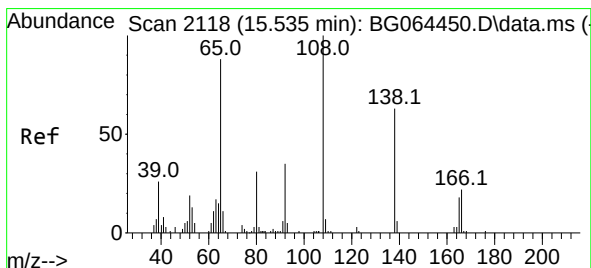
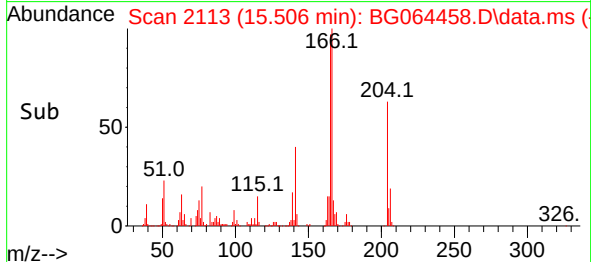
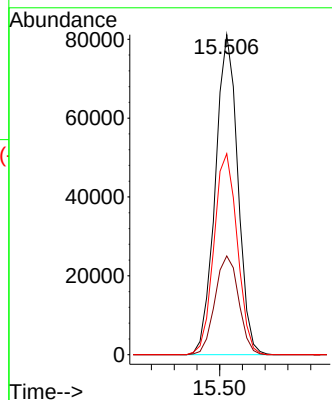
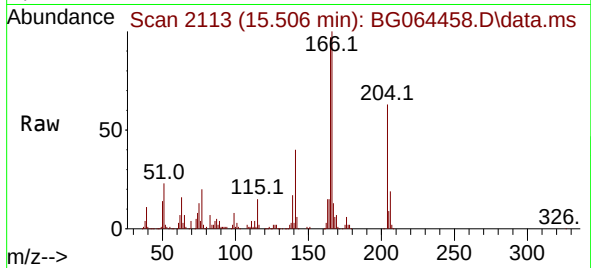




#61
4-Chlorophenyl-phenylether
Concen: 47.973 ng
RT: 15.506 min Scan# 2113
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

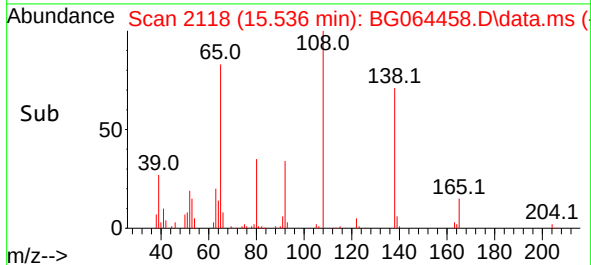
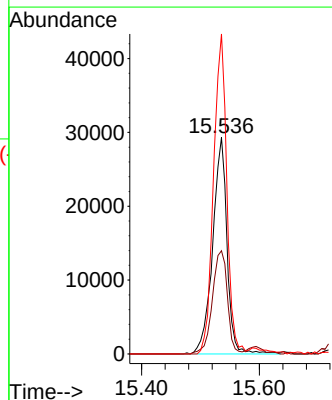
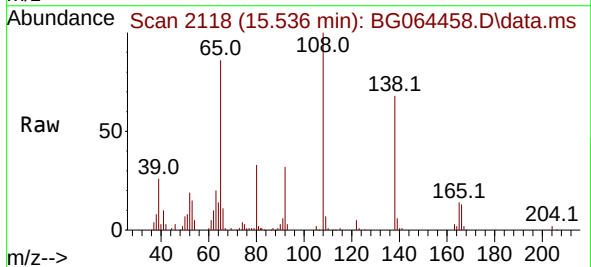
Instrument :
BNA_G
ClientSampleId :
PB169873BS

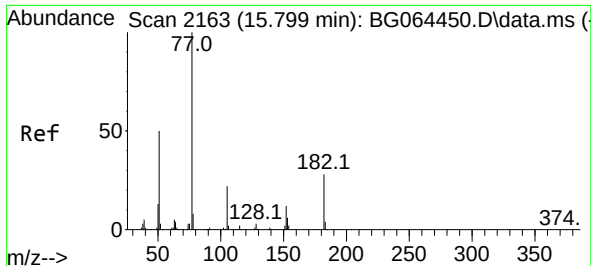
Tgt Ion:204 Resp: 111727
Ion Ratio Lower Upper
204 100
206 30.9 25.0 37.6
141 62.8 49.7 74.5



#62
4-Nitroaniline
Concen: 53.941 ng
RT: 15.536 min Scan# 2118
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Tgt Ion:138 Resp: 49889
Ion Ratio Lower Upper
138 100
92 47.7 35.0 75.0
108 147.8 137.5 177.5

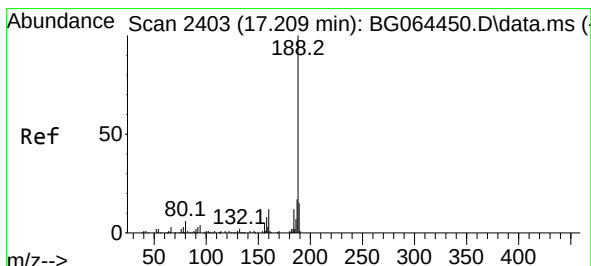
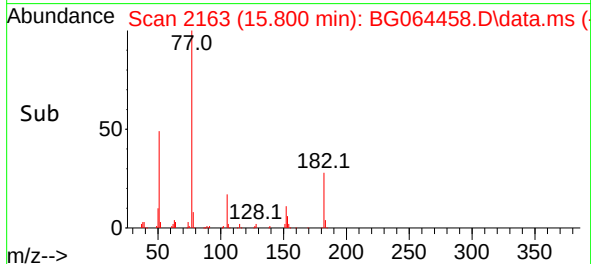
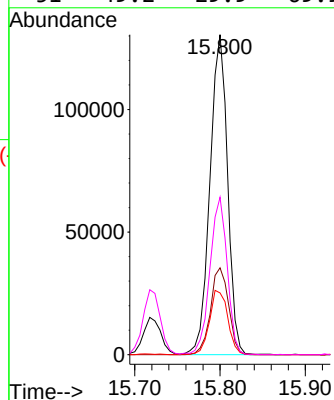
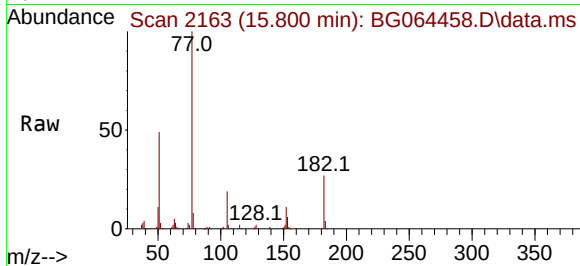




#63
 Azobenzene
 Concen: 51.245 ng
 RT: 15.800 min Scan# 2163
 Delta R.T. 0.001 min
 Lab File: BG064458.D
 Acq: 29 Sep 2025 13:43

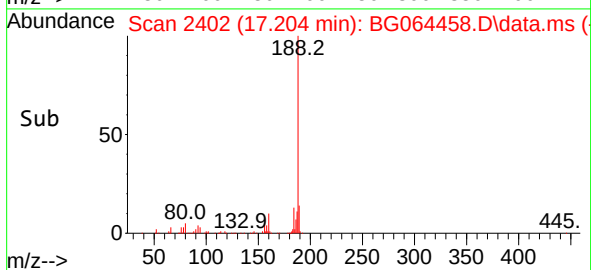
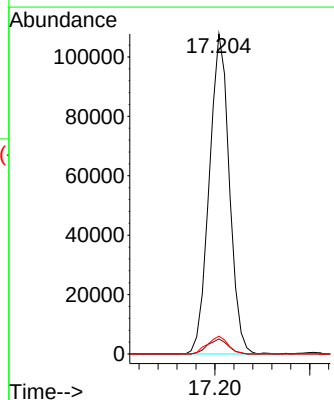
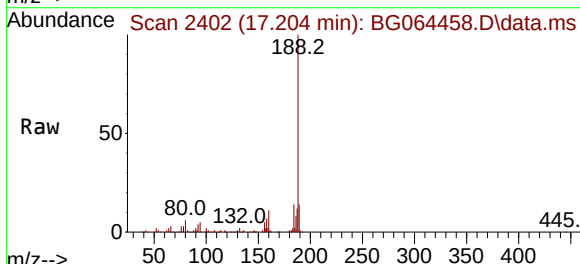
Instrument :
 BNA_G
 ClientSampleId :
 PB169873BS

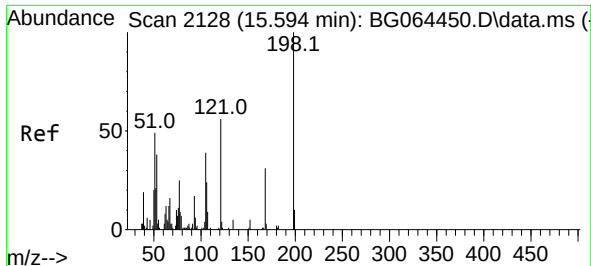
Tgt Ion: 77	Resp: 187246
Ion Ratio	Lower Upper
77 100	
182 27.1	8.1 48.1
105 19.3	1.9 41.9
51 49.2	29.9 69.9



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.204 min Scan# 2402
 Delta R.T. -0.005 min
 Lab File: BG064458.D
 Acq: 29 Sep 2025 13:43

Tgt Ion:188	Resp: 158000
Ion Ratio	Lower Upper
188 100	
94 4.7	3.0 4.4#
80 5.5	4.9 7.3

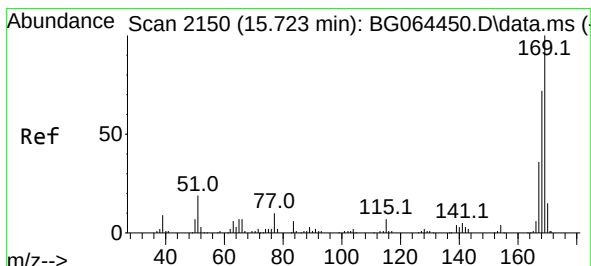
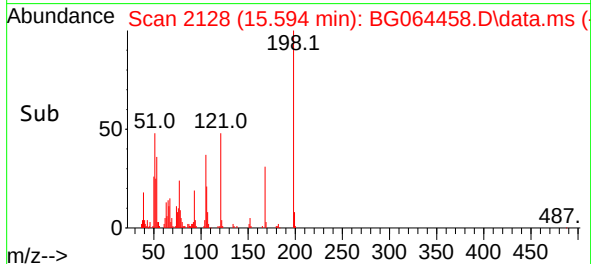
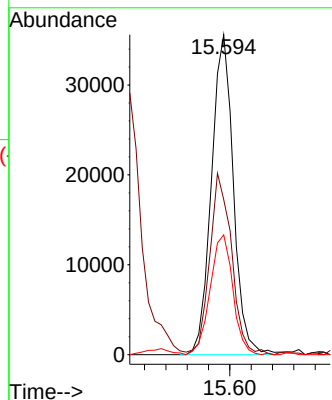
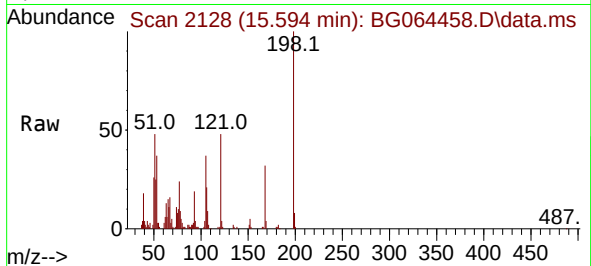




#65
4,6-Dinitro-2-methylphenol
Concen: 46.968 ng
RT: 15.594 min Scan# 2128
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

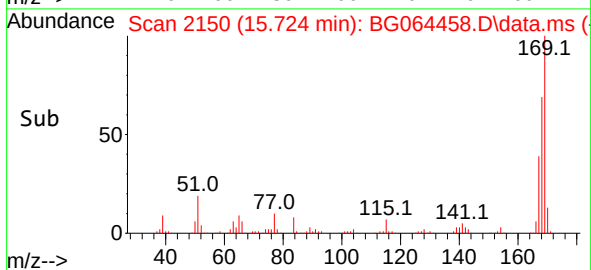
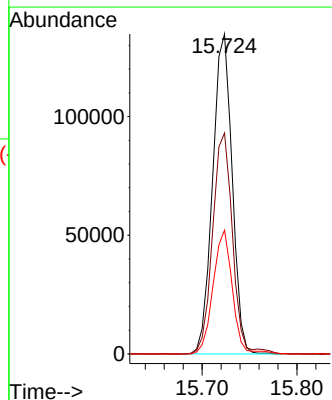
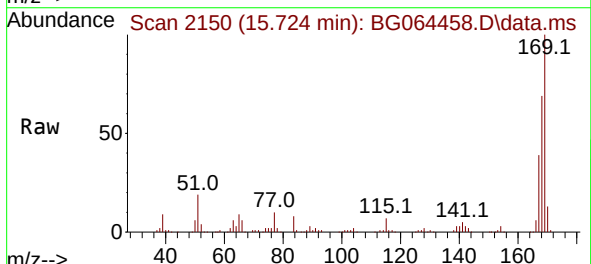
Instrument :
BNA_G
ClientSampleId :
PB169873BS

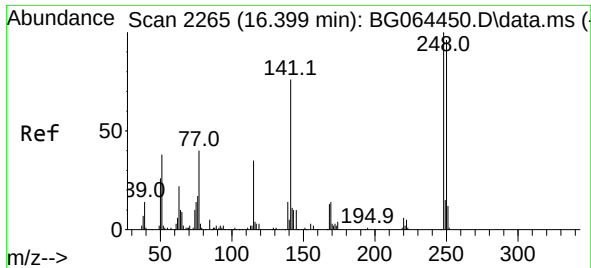
Tgt Ion:198 Resp: 50834
Ion Ratio Lower Upper
198 100
51 48.4 30.8 70.8
105 37.4 19.3 59.3



#66
n-Nitrosodiphenylamine
Concen: 45.584 ng
RT: 15.724 min Scan# 2150
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Tgt Ion:169 Resp: 192189
Ion Ratio Lower Upper
169 100
168 69.0 57.7 86.5
167 38.7 28.6 42.8

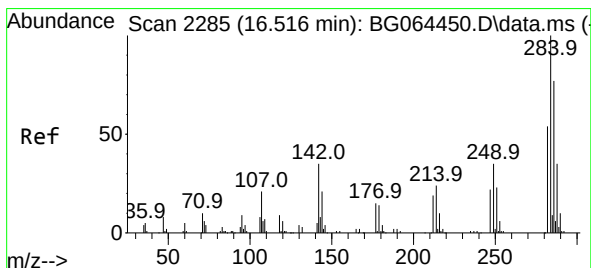
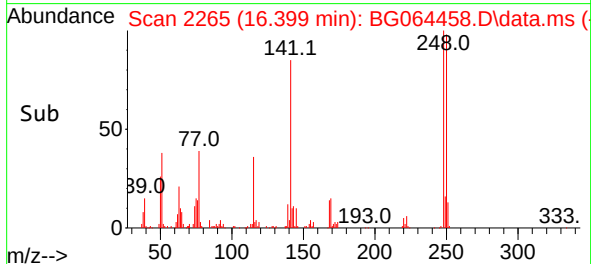
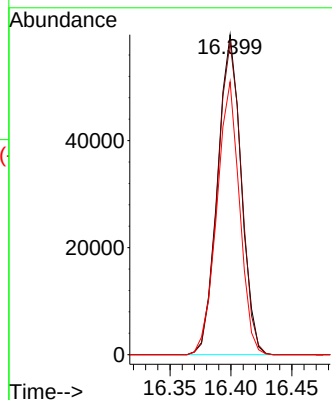
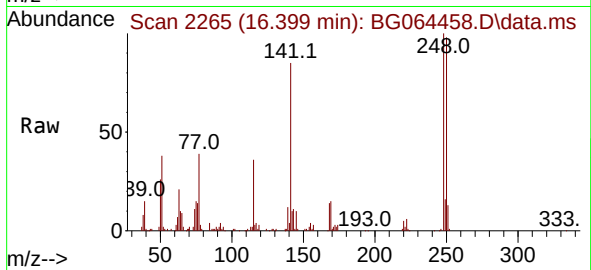




#67
4-Bromophenyl-phenylether
Concen: 43.644 ng
RT: 16.399 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

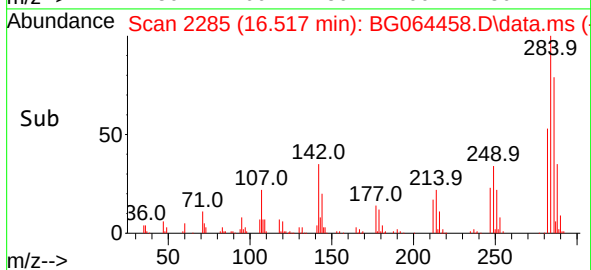
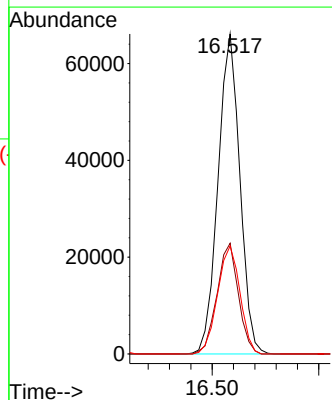
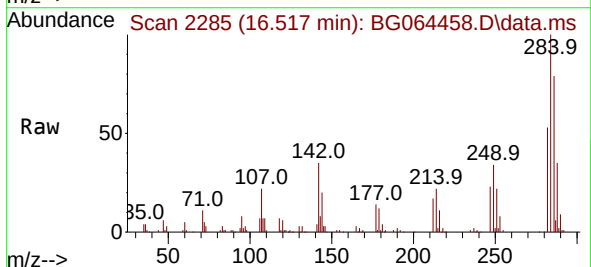
Instrument :
BNA_G
ClientSampleId :
PB169873BS

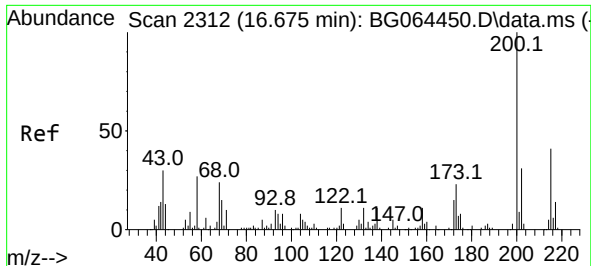
Tgt Ion:248 Resp: 80799
Ion Ratio Lower Upper
248 100
250 97.6 77.0 115.6
141 85.3 61.1 91.7



#68
Hexachlorobenzene
Concen: 44.498 ng
RT: 16.517 min Scan# 2285
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Tgt Ion:284 Resp: 93751
Ion Ratio Lower Upper
284 100
142 34.6 27.9 41.9
249 33.7 27.7 41.5

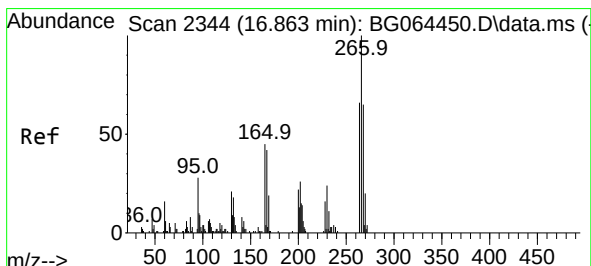
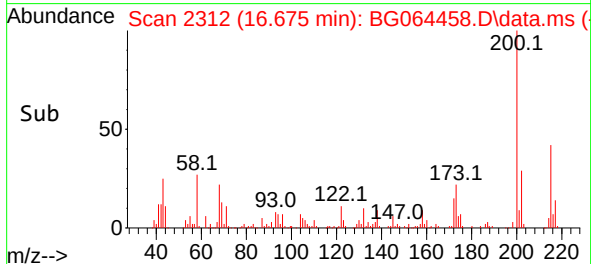
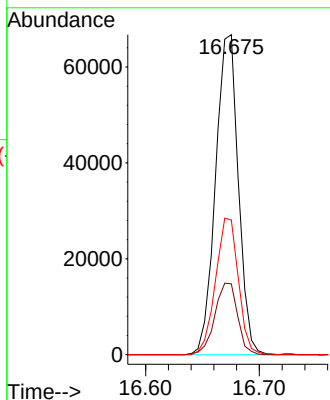
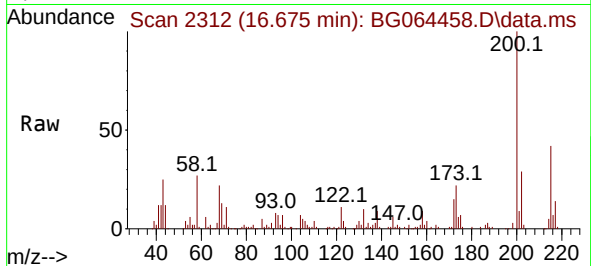




#69
 Atrazine
 Concen: 48.530 ng
 RT: 16.675 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG064458.D
 Acq: 29 Sep 2025 13:43

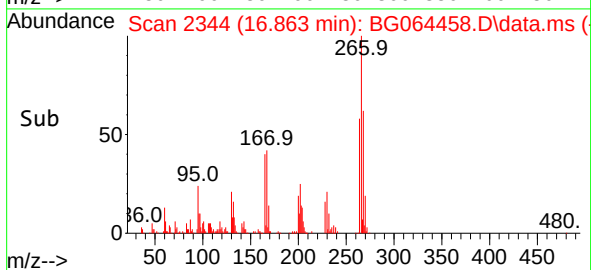
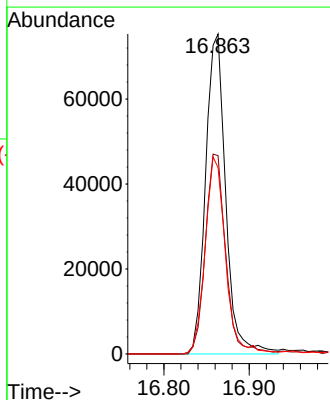
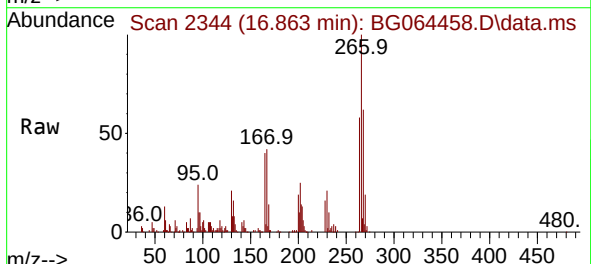
Instrument :
 BNA_G
 ClientSampleId :
 PB169873BS

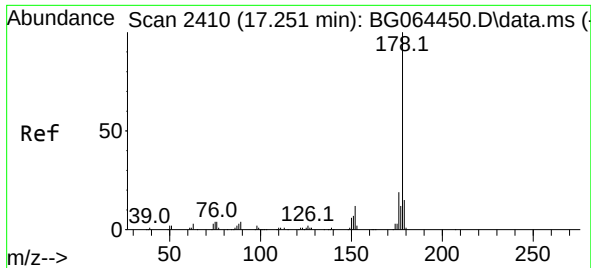
Tgt Ion:200 Resp: 92960
 Ion Ratio Lower Upper
 200 100
 173 22.2 2.9 42.9
 215 42.1 21.1 61.1



#70
 Pentachlorophenol
 Concen: 97.041 ng
 RT: 16.863 min Scan# 2344
 Delta R.T. 0.001 min
 Lab File: BG064458.D
 Acq: 29 Sep 2025 13:43

Tgt Ion:266 Resp: 123386
 Ion Ratio Lower Upper
 266 100
 268 62.0 51.9 77.9
 264 58.3 52.4 78.6

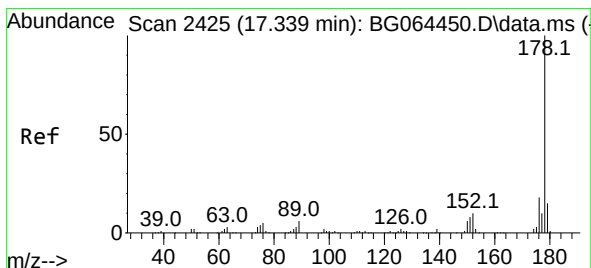
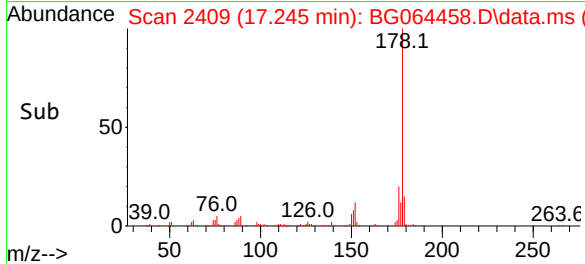
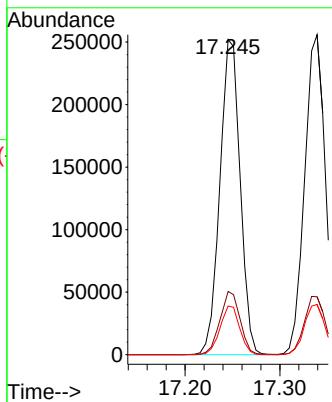
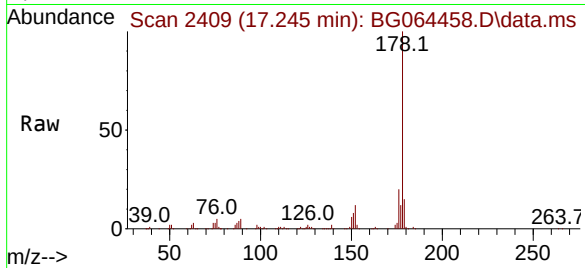




#71
Phenanthrene
Concen: 45.658 ng
RT: 17.245 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

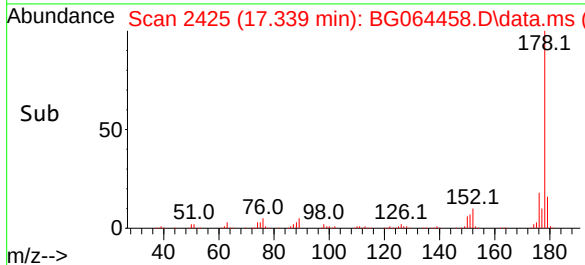
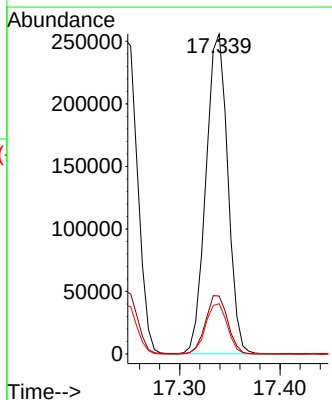
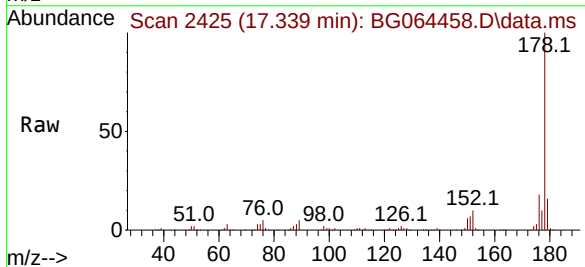
Instrument :
BNA_G
ClientSampleId :
PB169873BS

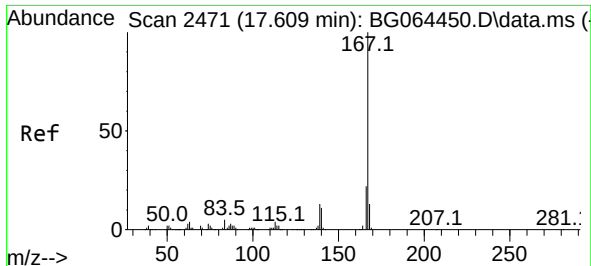
Tgt Ion:178 Resp: 374963
Ion Ratio Lower Upper
178 100
176 20.1 14.9 22.3
179 15.4 12.4 18.6



#72
Anthracene
Concen: 46.198 ng
RT: 17.339 min Scan# 2425
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Tgt Ion:178 Resp: 386348
Ion Ratio Lower Upper
178 100
176 18.1 14.5 21.7
179 15.7 11.9 17.9



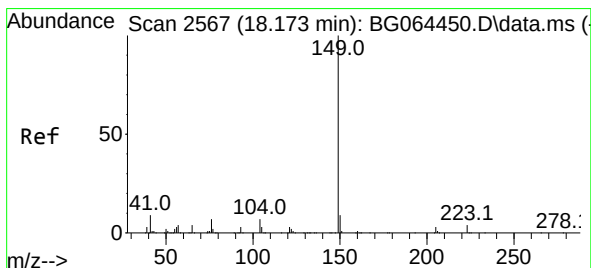
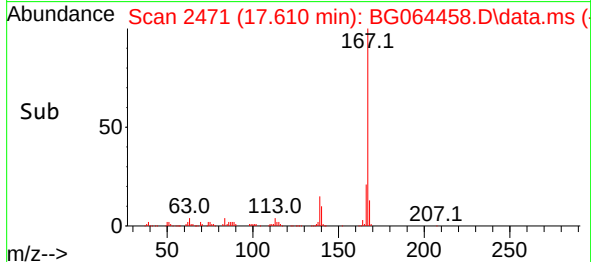
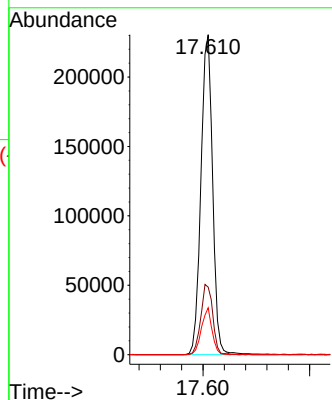
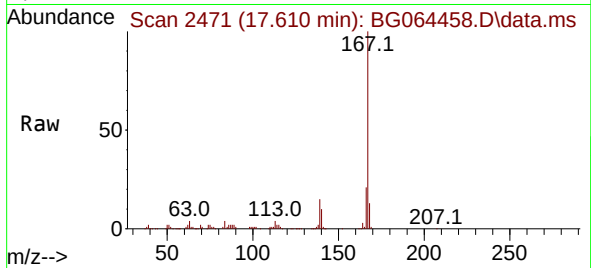


#73
 Carbazole
 Concen: 47.701 ng
 RT: 17.610 min Scan# 2471
 Delta R.T. 0.001 min
 Lab File: BG064458.D
 Acq: 29 Sep 2025 13:43

Instrument :
 BNA_G
 ClientSampleId :
 PB169873BS

Tgt Ion:167 Resp: 349967

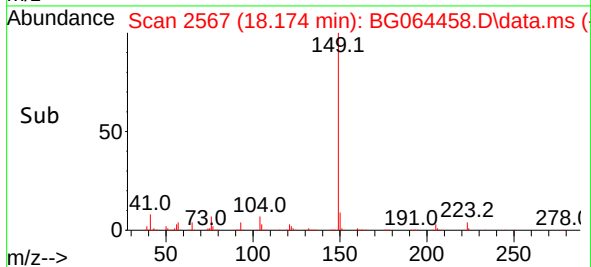
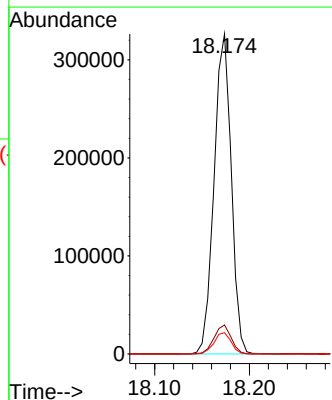
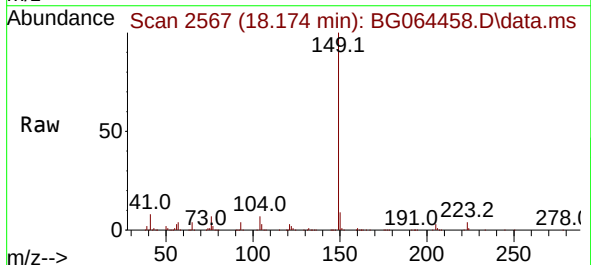
Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.4	26.2
139	14.6	10.2	15.2

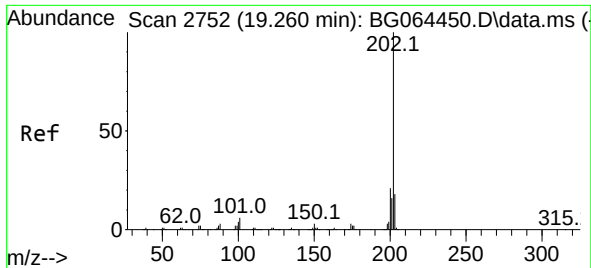


#74
 Di-n-butylphthalate
 Concen: 45.709 ng
 RT: 18.174 min Scan# 2567
 Delta R.T. 0.001 min
 Lab File: BG064458.D
 Acq: 29 Sep 2025 13:43

Tgt Ion:149 Resp: 410208

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	6.7	5.8	8.8

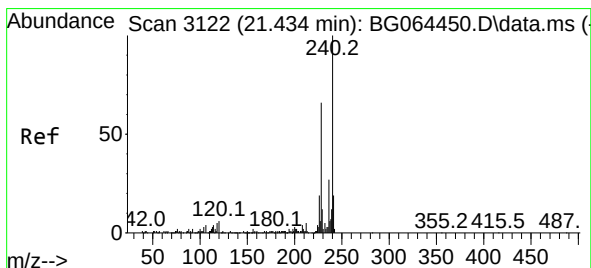
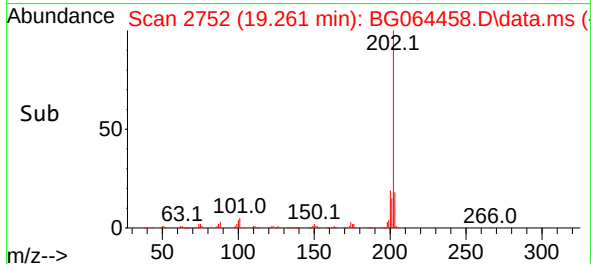
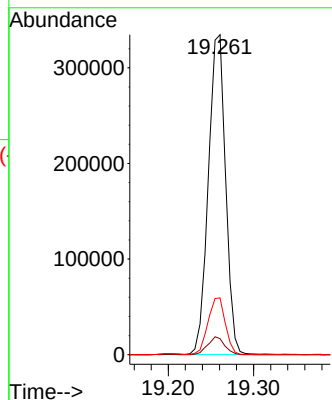
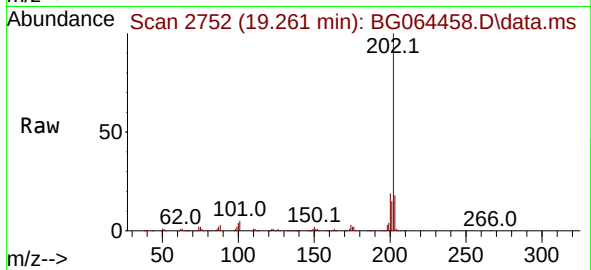




#75
Fluoranthene
Concen: 45.258 ng
RT: 19.261 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

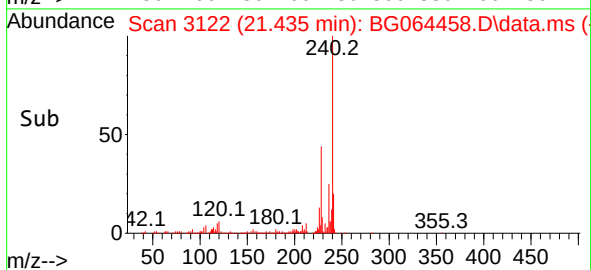
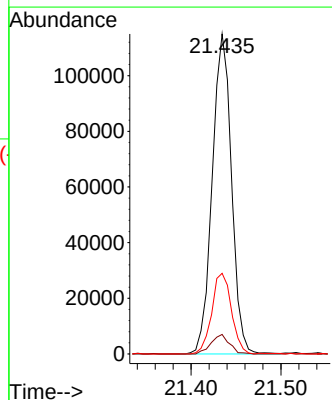
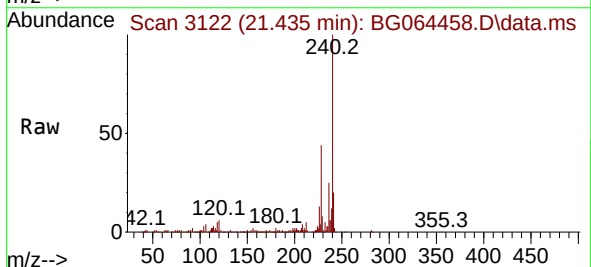
Instrument :
BNA_G
ClientSampleId :
PB169873BS

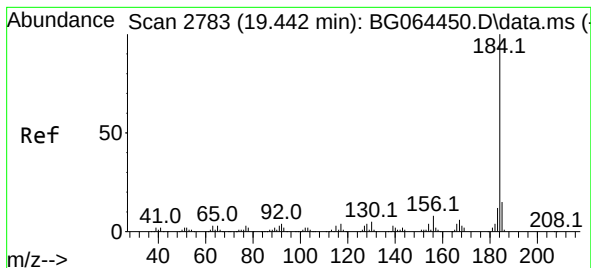
Tgt Ion:202 Resp: 469350
Ion Ratio Lower Upper
202 100
101 5.0 0.0 25.6
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.435 min Scan# 3122
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Tgt Ion:240 Resp: 171068
Ion Ratio Lower Upper
240 100
120 6.1 5.0 7.4
236 25.2 21.9 32.9





#77

Benzidine

Concen: 37.144 ng

RT: 19.437 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB169873BS

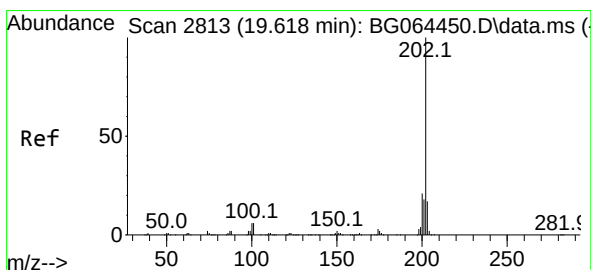
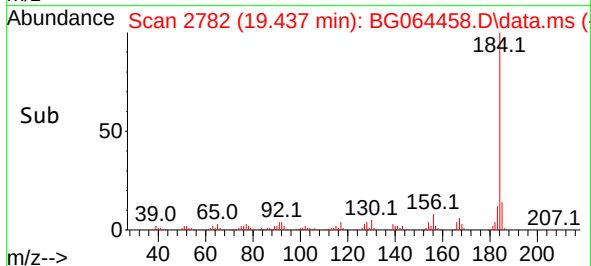
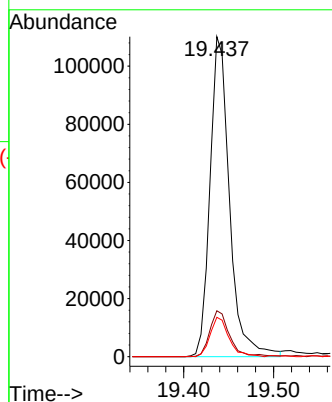
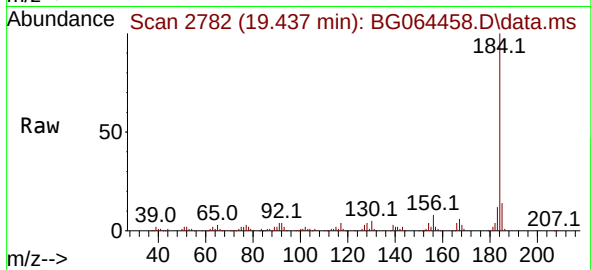
Tgt Ion:184 Resp: 166365

Ion Ratio Lower Upper

184 100

185 14.4 11.7 17.5

183 12.3 10.0 15.0



#78

Pyrene

Concen: 45.647 ng

RT: 19.619 min Scan# 2813

Delta R.T. 0.001 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

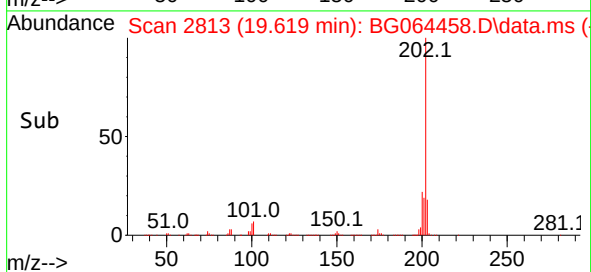
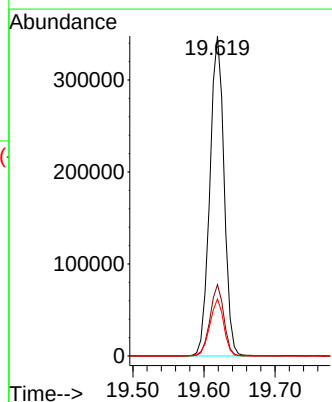
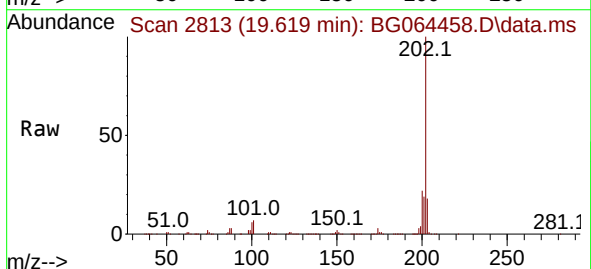
Tgt Ion:202 Resp: 484527

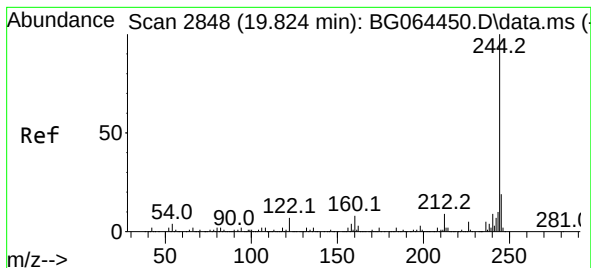
Ion Ratio Lower Upper

202 100

200 22.3 17.1 25.7

203 17.8 13.8 20.6





#79

Terphenyl-d14

Concen: 89.704 ng

RT: 19.825 min Scan# 2

Delta R.T. 0.001 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB169873BS

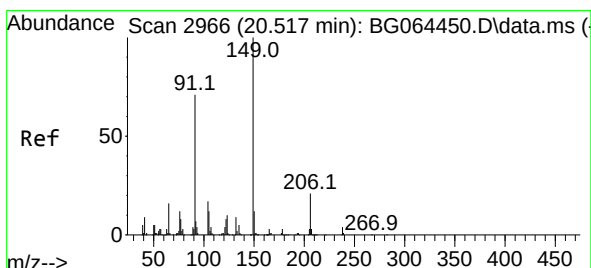
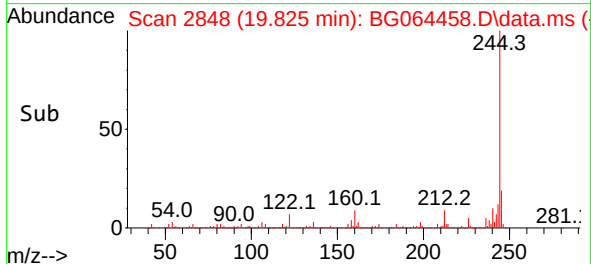
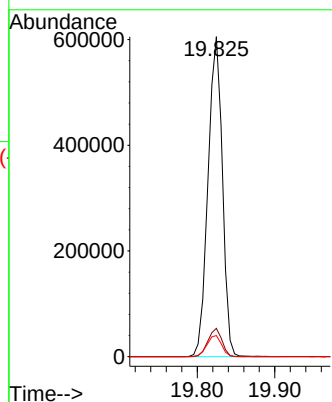
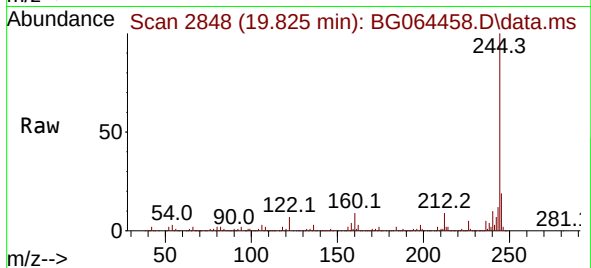
Tgt Ion:244 Resp: 778450

Ion Ratio Lower Upper

244 100

212 8.8 7.2 10.8

122 6.6 5.7 8.5



#80

Butylbenzylphthalate

Concen: 45.637 ng

RT: 20.512 min Scan# 2965

Delta R.T. -0.005 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

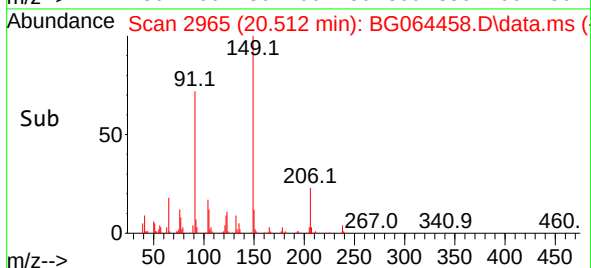
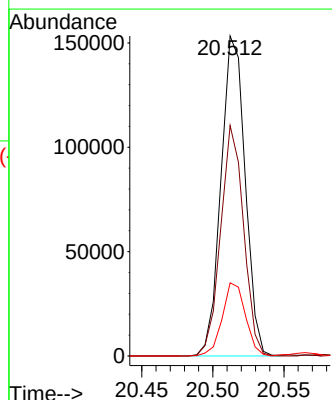
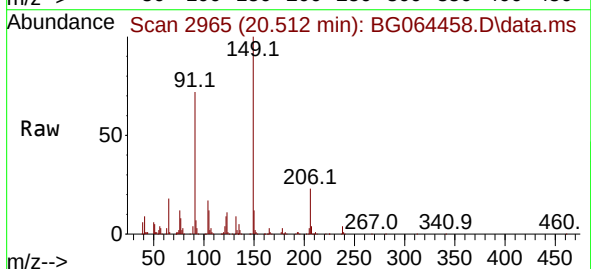
Tgt Ion:149 Resp: 181061

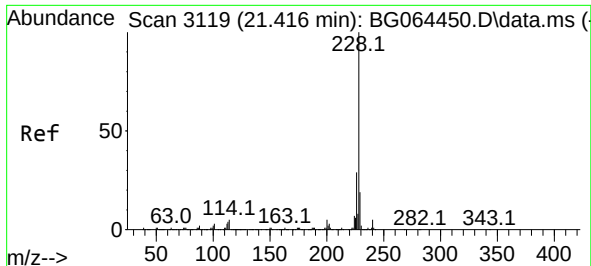
Ion Ratio Lower Upper

149 100

91 72.0 56.6 84.8

206 22.9 16.8 25.2

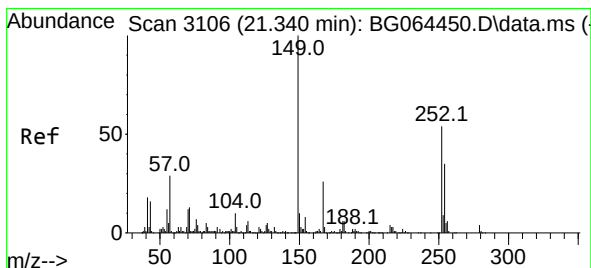
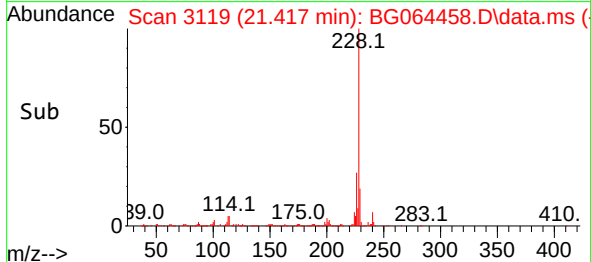
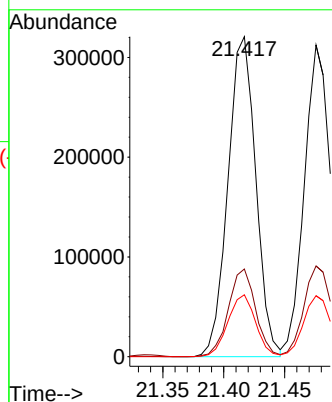
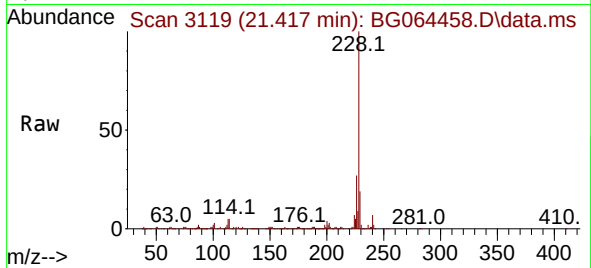




#81
Benzo(a)anthracene
Concen: 46.503 ng
RT: 21.417 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

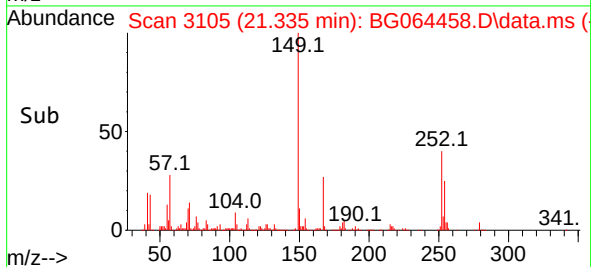
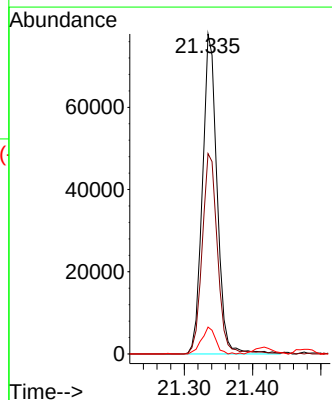
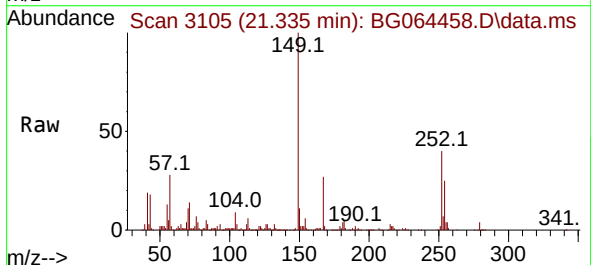
Instrument :
BNA_G
ClientSampleId :
PB169873BS

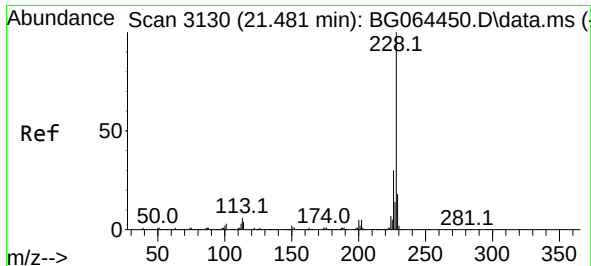
Tgt Ion:228 Resp: 509358
Ion Ratio Lower Upper
228 100
226 27.4 23.0 34.6
229 19.4 15.1 22.7



#82
3,3'-Dichlorobenzidine
Concen: 30.792 ng
RT: 21.335 min Scan# 3105
Delta R.T. -0.005 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Tgt Ion:252 Resp: 115990
Ion Ratio Lower Upper
252 100
254 62.6 51.8 77.8
126 8.4 5.9 8.9

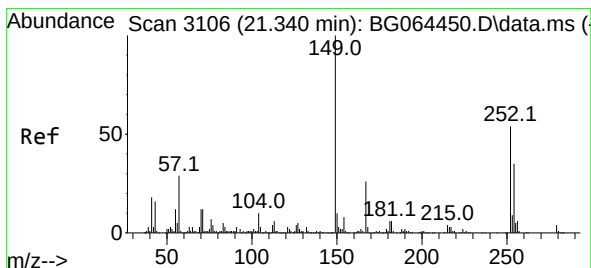
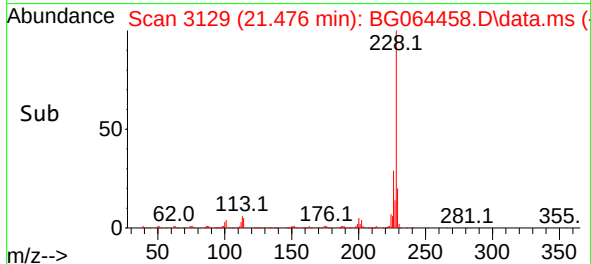
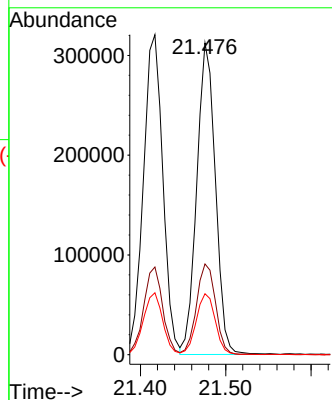
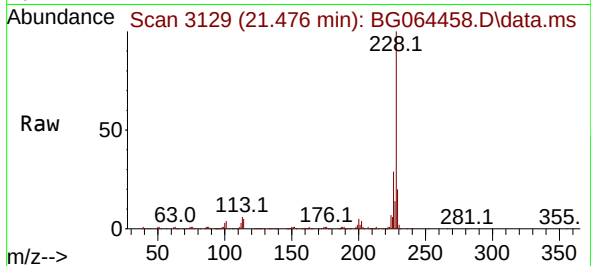




#83
Chrysene
Concen: 45.706 ng
RT: 21.476 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

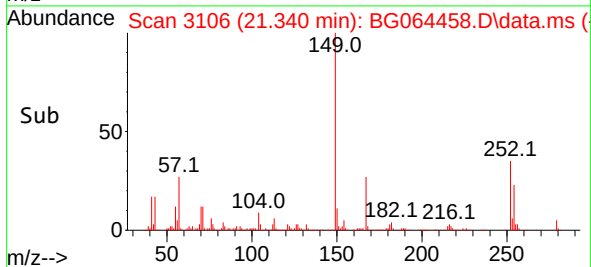
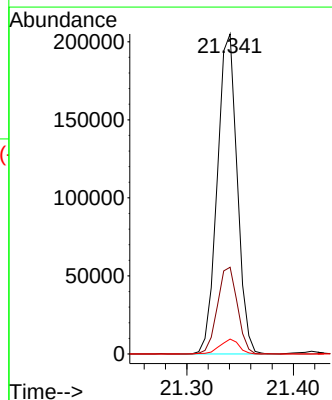
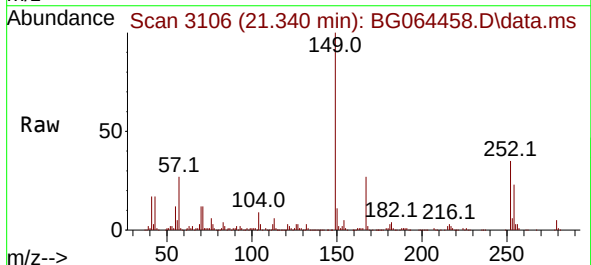
Instrument :
BNA_G
ClientSampleId :
PB169873BS

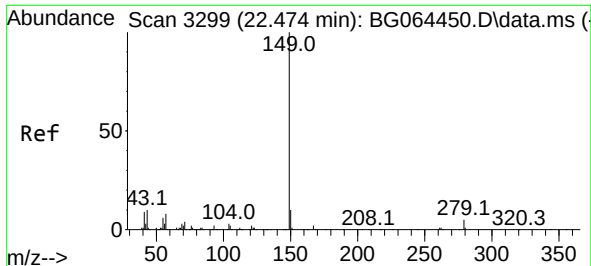
Tgt Ion:228 Resp: 474117
Ion Ratio Lower Upper
228 100
226 29.1 24.2 36.4
229 19.6 14.7 22.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.378 ng
RT: 21.340 min Scan# 3106
Delta R.T. 0.001 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Tgt Ion:149 Resp: 265057
Ion Ratio Lower Upper
149 100
167 27.1 20.6 31.0
279 4.6 3.0 4.4#

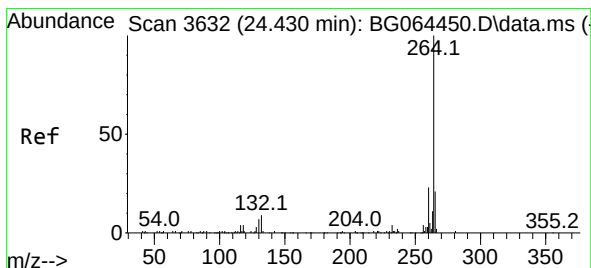
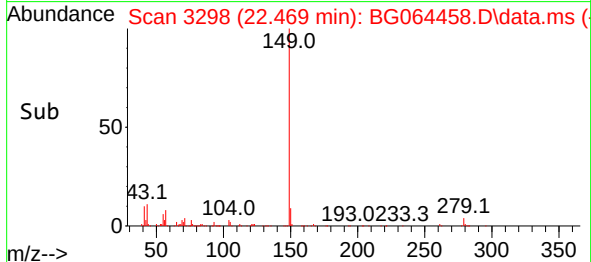
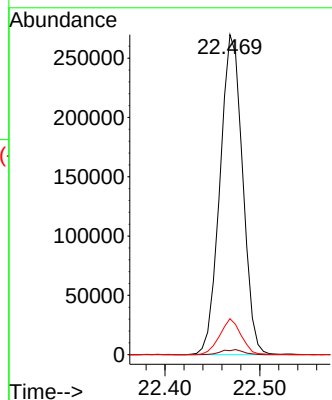
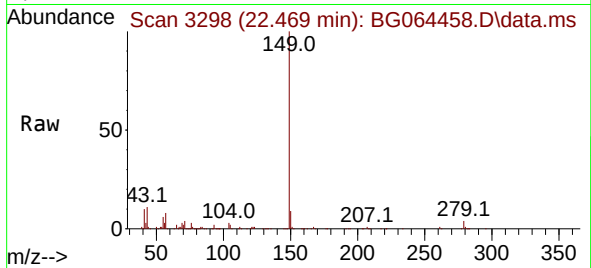




#85
Di-n-octyl phthalate
Concen: 46.116 ng
RT: 22.469 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

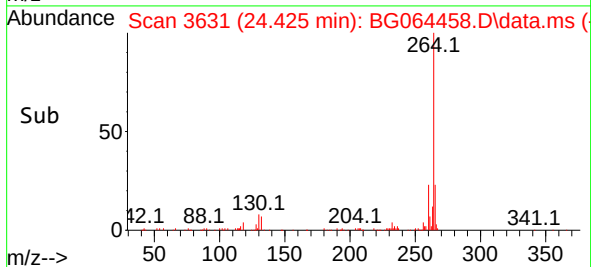
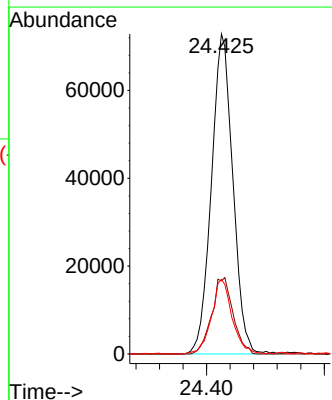
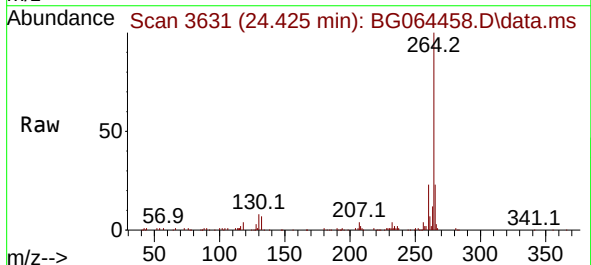
Instrument :
BNA_G
ClientSampleId :
PB169873BS

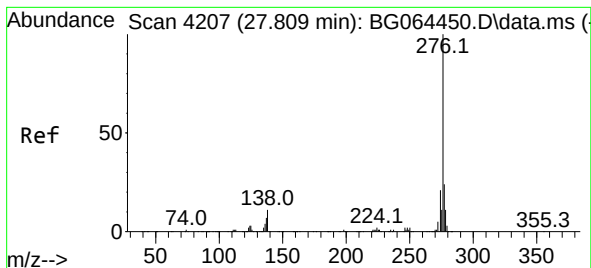
Tgt Ion:149 Resp: 448019
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.7 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.425 min Scan# 3631
Delta R.T. -0.005 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Tgt Ion:264 Resp: 184277
Ion Ratio Lower Upper
264 100
260 22.8 18.6 27.8
265 23.3 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.978 ng

RT: 27.804 min Scan# 41

Delta R.T. -0.005 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB169873BS

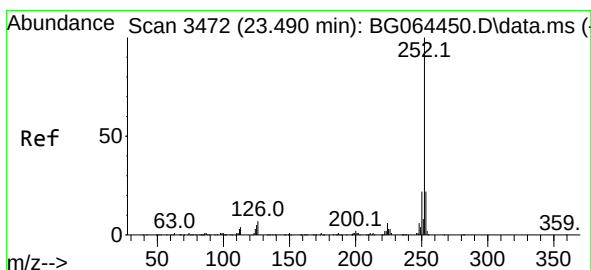
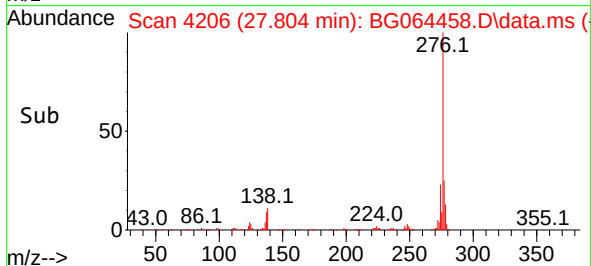
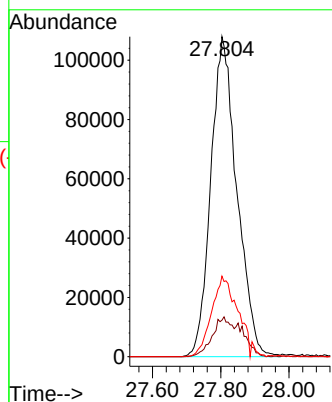
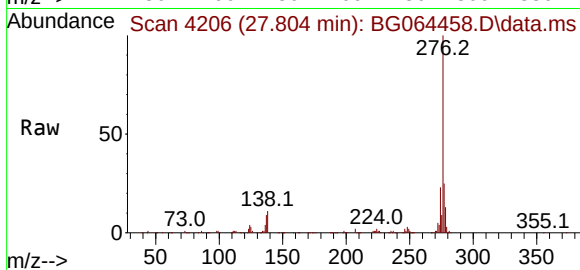
Tgt Ion:276 Resp: 572768

Ion Ratio Lower Upper

276 100

138 9.3 10.3 15.5#

277 24.7 19.2 28.8



#88

Benzo(b)fluoranthene

Concen: 47.454 ng

RT: 23.485 min Scan# 3471

Delta R.T. -0.005 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

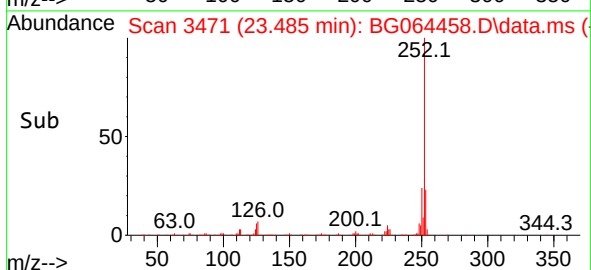
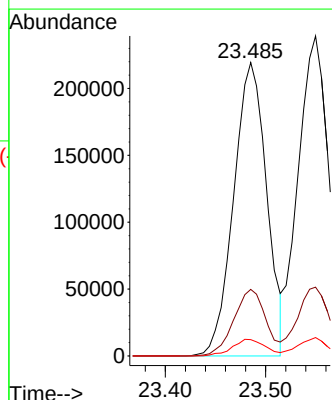
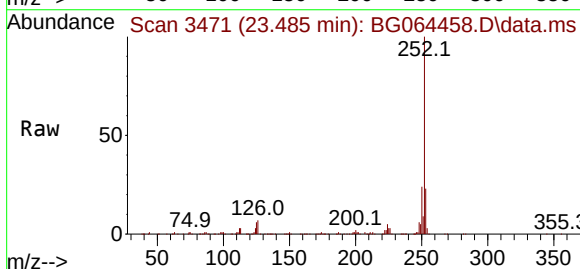
Tgt Ion:252 Resp: 501295

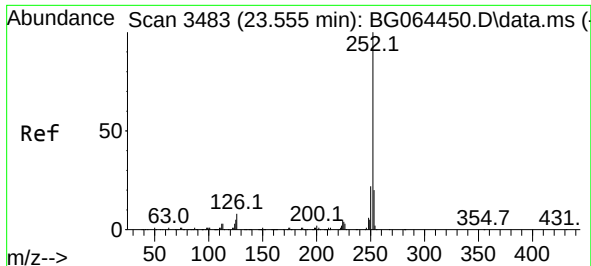
Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

125 5.6 4.2 6.2

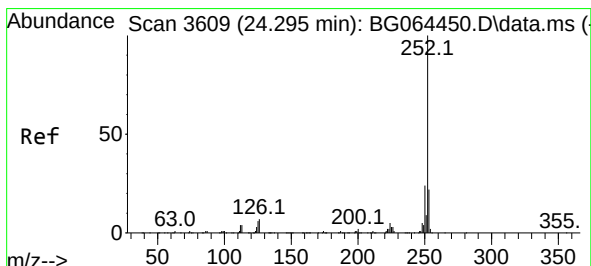
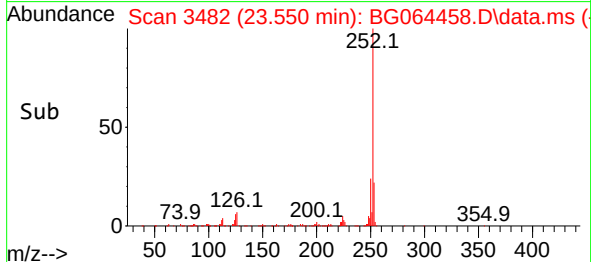
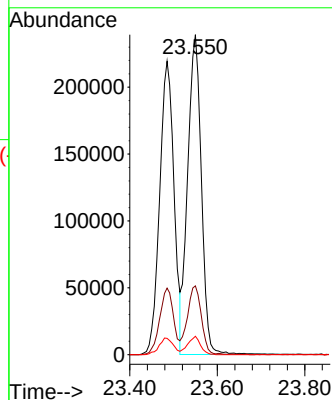
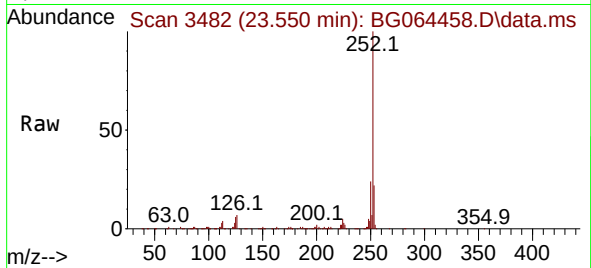




#89
Benzo(k)fluoranthene
Concen: 49.028 ng
RT: 23.550 min Scan# 34
Delta R.T. -0.005 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

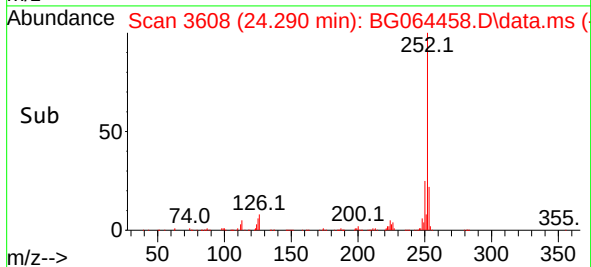
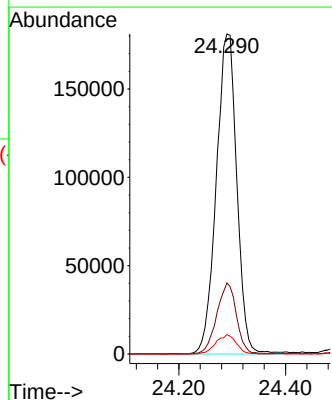
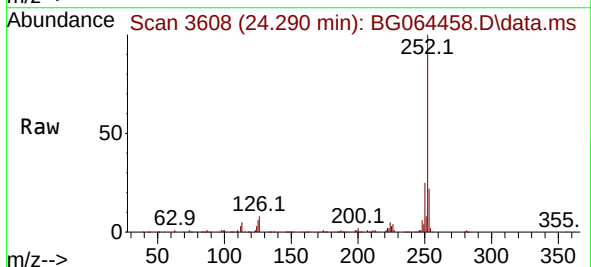
Instrument :
BNA_G
ClientSampleId :
PB169873BS

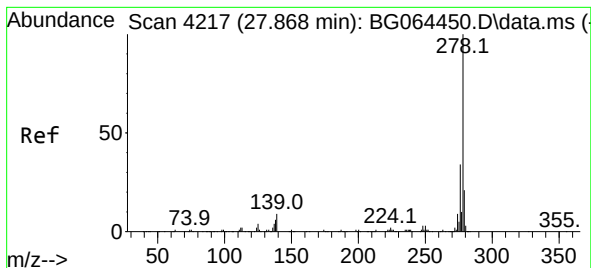
Tgt Ion:252 Resp: 518174
Ion Ratio Lower Upper
252 100
253 21.5 16.6 24.8
125 5.8 4.4 6.6



#90
Benzo(a)pyrene
Concen: 49.382 ng
RT: 24.290 min Scan# 3608
Delta R.T. -0.005 min
Lab File: BG064458.D
Acq: 29 Sep 2025 13:43

Tgt Ion:252 Resp: 483241
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 6.0 4.6 7.0





#91

Dibenzo(a,h)anthracene

Concen: 44.615 ng

RT: 27.862 min Scan# 41

Delta R.T. -0.005 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB169873BS

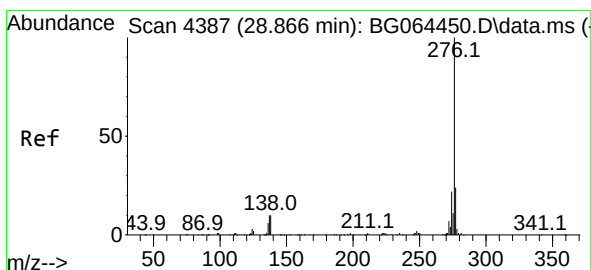
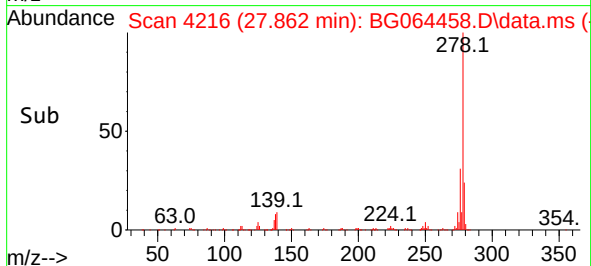
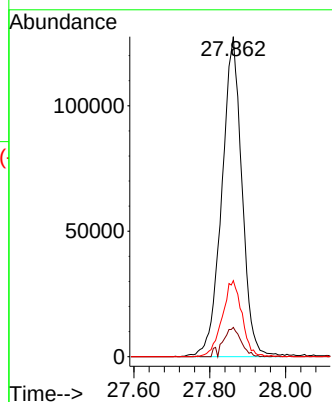
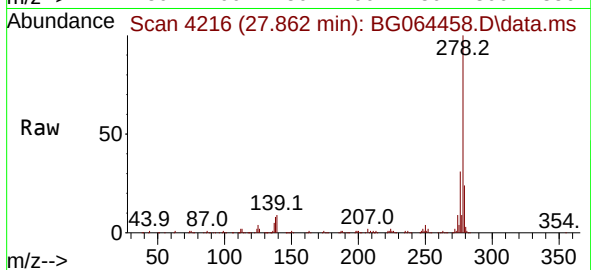
Tgt Ion:278 Resp: 471067

Ion Ratio Lower Upper

278 100

139 9.2 6.9 10.3

279 23.7 17.2 25.8



#92

Benzo(g,h,i)perylene

Concen: 44.726 ng

RT: 28.855 min Scan# 4385

Delta R.T. -0.011 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

Tgt Ion:276 Resp: 453527

Ion Ratio Lower Upper

276 100

277 22.1 19.3 28.9

138 11.8 8.2 12.4

