

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102325\
 Data File : BG064566.D
 Acq On : 23 Oct 2025 16:28
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG102325

Quant Time: Oct 23 18:12:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 23 16:51:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.226	152	40023	20.000	ng	0.00
21) Naphthalene-d8	11.052	136	171827	20.000	ng	0.00
39) Acenaphthene-d10	14.848	164	138122	20.000	ng	0.00
64) Phenanthrene-d10	17.586	188	325986	20.000	ng	0.00
76) Chrysene-d12	21.863	240	334120	20.000	ng	0.00
86) Perylene-d12	25.212	264	350592	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.746	112	204710	87.958	ng	0.00
7) Phenol-d6	7.356	99	295474	90.674	ng	0.00
23) Nitrobenzene-d5	9.389	82	253450	90.955	ng	0.00
42) 2,4,6-Tribromophenol	16.328	330	178017	94.710	ng	0.00
45) 2-Fluorobiphenyl	13.479	172	759476	84.323	ng	0.00
79) Terphenyl-d14	20.177	244	1509899	86.765	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.590	88	43974	41.728	ng	98
3) Pyridine	3.996	79	132140	41.938	ng	93
4) n-Nitrosodimethylamine	3.902	42	71624	43.359	ng	96
6) Aniline	7.533	93	197273	44.514	ng	98
8) 2-Chlorophenol	7.779	128	110977	44.740	ng	97
9) Benzaldehyde	7.345	77	78380	43.600	ng	96
10) Phenol	7.380	94	162289	44.921	ng	97
11) bis(2-Chloroethyl)ether	7.533	93	197273	44.514	ng	100
12) 1,3-Dichlorobenzene	8.114	146	122873	43.739	ng	99
13) 1,4-Dichlorobenzene	8.261	146	124134	43.860	ng	98
14) 1,2-Dichlorobenzene	8.584	146	121059	43.510	ng	97
15) Benzyl Alcohol	8.449	79	122024	45.500	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.743	45	293897	43.958	ng	99
17) 2-Methylphenol	8.449	107	61633	45.393	ng	98
18) Hexachloroethane	9.325	117	44452	46.082	ng	97
19) n-Nitroso-di-n-propyla...	9.031	70	104888	46.123	ng	# 98
20) 3+4-Methylphenols	8.978	107	150429	44.880	ng	96
22) Acetophenone	9.043	105	201330	43.032	ng	# 97
24) Nitrobenzene	9.430	77	136120	43.323	ng	97
25) Isophorone	9.959	82	299744	42.813	ng	97
26) 2-Nitrophenol	10.147	139	46536	45.805	ng	# 85
27) 2,4-Dimethylphenol	10.200	122	118737	46.232	ng	92
28) bis(2-Chloroethoxy)met...	10.441	93	167274	43.013	ng	98
29) 2,4-Dichlorophenol	10.688	162	124185	46.139	ng	95
30) 1,2,4-Trichlorobenzene	10.911	180	131025	42.974	ng	97
31) Naphthalene	11.105	128	405692	43.057	ng	98
32) Benzoic acid	10.312	122	65460	43.688	ng	97
33) 4-Chloroaniline	11.193	127	161132	43.346	ng	98
34) Hexachlorobutadiene	11.393	225	98795	42.445	ng	94
35) Caprolactam	11.957	113	46868	43.520	ng	95
36) 4-Chloro-3-methylphenol	12.298	107	148990	44.591	ng	95
37) 2-Methylnaphthalene	12.697	142	299451	42.654	ng	99
38) 1-Methylnaphthalene	12.909	142	294216	42.793	ng	100
40) 1,2,4,5-Tetrachloroben...	13.056	216	192173	42.914	ng	99
41) Hexachlorocyclopentadiene	13.044	237	86940	47.293	ng	97
43) 2,4,6-Trichlorophenol	13.285	196	118061	45.291	ng	96

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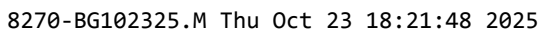
Instrument :
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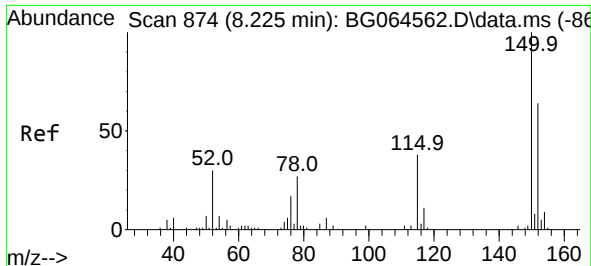
Quant Time: Oct 23 18:12:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 23 16:51:07 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.349	196	133150	45.483	ng	96
46) 1,1'-Biphenyl	13.690	154	409650	42.378	ng	98
47) 2-Chloronaphthalene	13.731	162	312510	42.630	ng	98
48) 2-Nitroaniline	13.913	65	95735	44.993	ng	95
49) Acenaphthylene	14.571	152	490357	41.953	ng	99
50) Dimethylphthalate	14.289	163	453444	42.607	ng	99
51) 2,6-Dinitrotoluene	14.407	165	68746	45.448	ng	93
52) Acenaphthene	14.912	154	334127	42.572	ng	98
53) 3-Nitroaniline	14.730	138	80022	43.670	ng #	96
54) 2,4-Dinitrophenol	14.930	184	36809	45.283	ng	94
55) Dibenzofuran	15.241	168	537476	42.084	ng	99
56) 4-Nitrophenol	15.018	139	68424	46.057	ng	91
57) 2,4-Dinitrotoluene	15.182	165	101960	50.246	ng	94
58) Fluorene	15.893	166	426999	42.418	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.459	232	129995	46.931	ng	99
60) Diethylphthalate	15.653	149	459682	42.173	ng	100
61) 4-Chlorophenyl-phenyle...	15.882	204	238939	42.846	ng	98
62) 4-Nitroaniline	15.888	138	87143	43.140	ng	99
63) Azobenzene	16.175	77	419744	42.188	ng	98
65) 4,6-Dinitro-2-methylph...	15.952	198	54223	45.146	ng	95
66) n-Nitrosodiphenylamine	16.087	169	381790	42.931	ng	97
67) 4-Bromophenyl-phenylether	16.775	248	166649	43.452	ng	97
68) Hexachlorobenzene	16.892	284	188096	43.517	ng	96
69) Atrazine	17.027	200	156486	42.394	ng	98
70) Pentachlorophenol	17.227	266	120045	46.649	ng	92
71) Phenanthrene	17.627	178	749443	42.531	ng	99
72) Anthracene	17.721	178	759560	42.449	ng	98
73) Carbazole	17.979	167	662146	42.522	ng	100
74) Di-n-butylphthalate	18.537	149	778545	43.598	ng	100
75) Fluoranthene	19.624	202	898146	42.026	ng	99
77) Benzidine	19.789	184	306595	38.461	ng	98
78) Pyrene	19.983	202	936805	43.010	ng	100
80) Butylbenzylphthalate	20.864	149	309734	47.116	ng	98
81) Benzo(a)anthracene	21.845	228	940066	42.723	ng	99
82) 3,3'-Dichlorobenzidine	21.745	252	312035	42.787	ng	98
83) Chrysene	21.916	228	887118	42.741	ng	99
84) Bis(2-ethylhexyl)phtha...	21.757	149	440441	44.771	ng	96
85) Di-n-octyl phthalate	23.026	149	726826	44.149	ng	99
87) Indeno(1,2,3-cd)pyrene	29.060	276	1088917	43.128	ng	99
88) Benzo(b)fluoranthene	24.148	252	923959	43.674	ng	100
89) Benzo(k)fluoranthene	24.225	252	910285	42.800	ng	100
90) Benzo(a)pyrene	25.059	252	842317	43.104	ng	98
91) Dibenzo(a,h)anthracene	29.137	278	889279	43.221	ng	98
92) Benzo(g,h,i)perylene	29.060	276	1088917	43.128	ng	100

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

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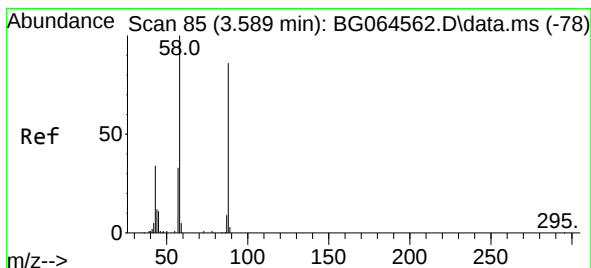
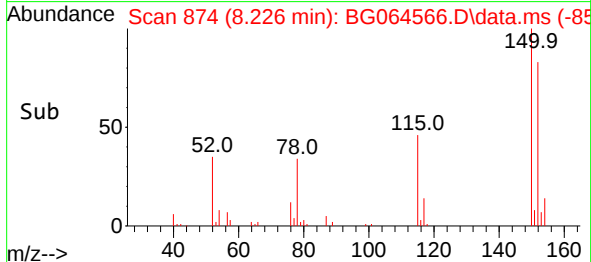
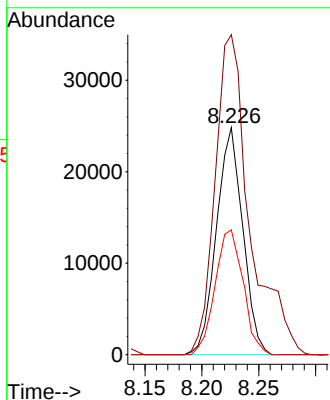
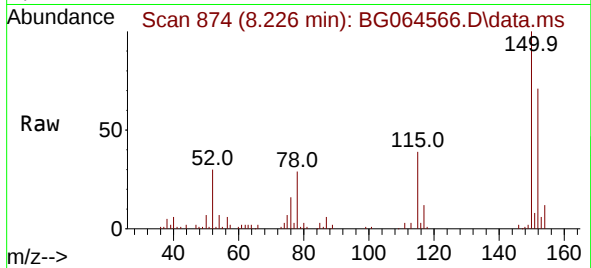




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.226 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

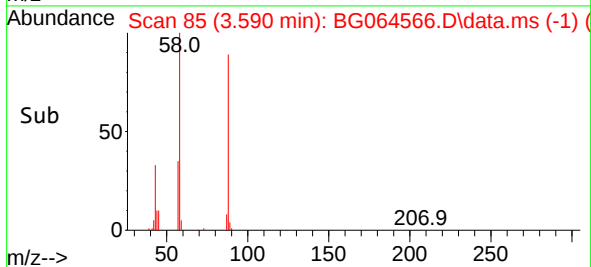
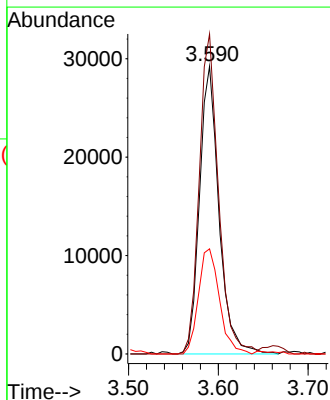
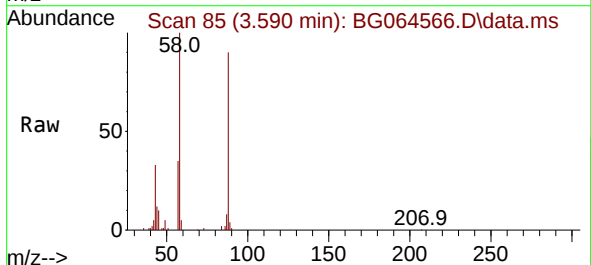
Instrument :
BNA_G
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ICVBG102325

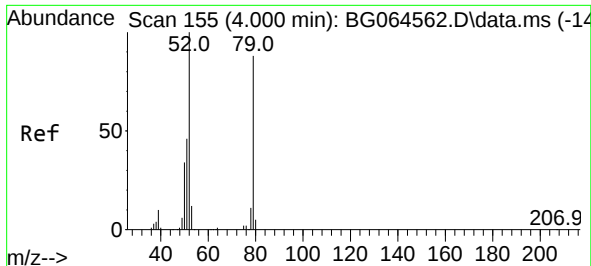
Tgt Ion:152 Resp: 40023
Ion Ratio Lower Upper
152 100
150 141.0 125.7 188.5
115 55.0 47.8 71.8



#2
1,4-Dioxane
Concen: 41.728 ng
RT: 3.590 min Scan# 85
Delta R.T. 0.002 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

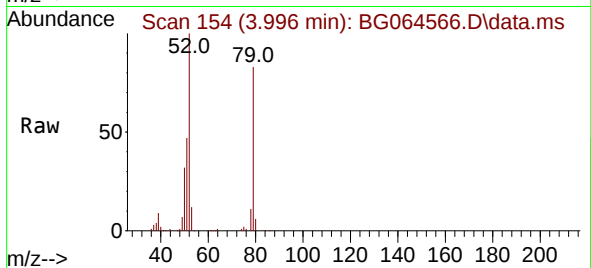
Tgt Ion: 88 Resp: 43974
Ion Ratio Lower Upper
88 100
58 110.1 85.7 128.5
43 39.4 31.4 47.2



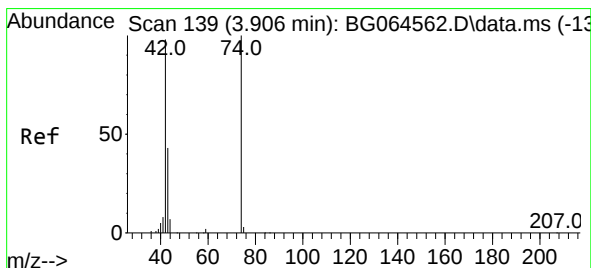
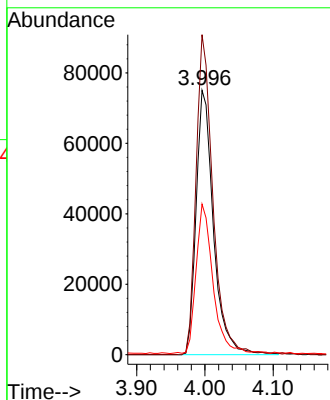
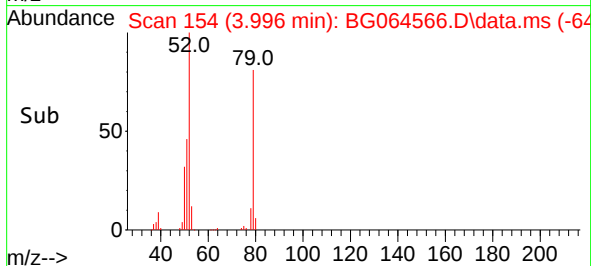


#3
Pyridine
Concen: 41.938 ng
RT: 3.996 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

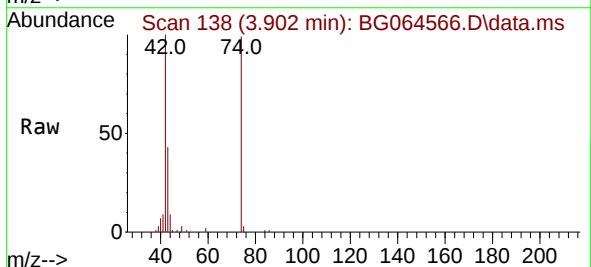
Instrument :
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ClientSampleId :
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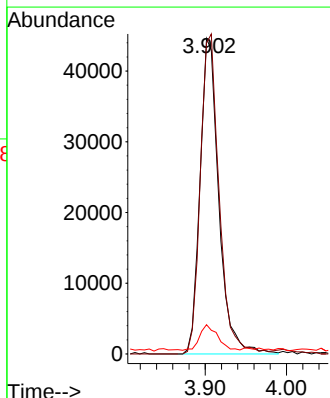
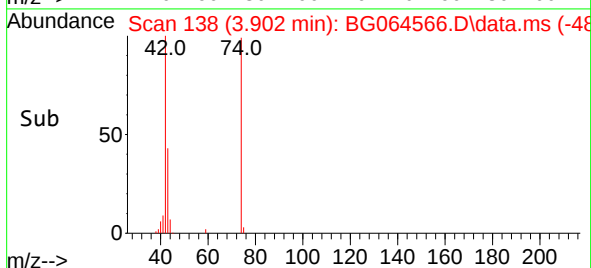
Tgt Ion: 79 Resp: 132140
Ion Ratio Lower Upper
79 100
52 121.0 90.6 136.0
51 56.9 42.2 63.2

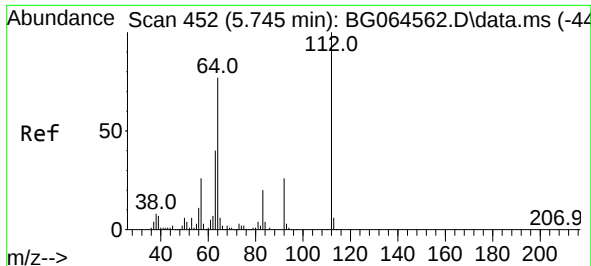


#4
n-Nitrosodimethylamine
Concen: 43.359 ng
RT: 3.902 min Scan# 138
Delta R.T. -0.003 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28



Tgt Ion: 42 Resp: 71624
Ion Ratio Lower Upper
42 100
74 98.6 82.0 123.0
44 9.3 7.4 11.0

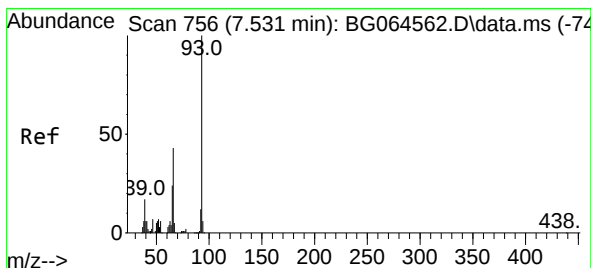
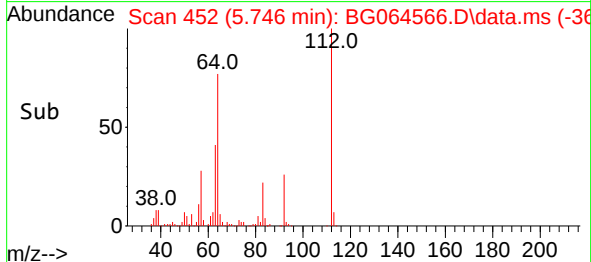
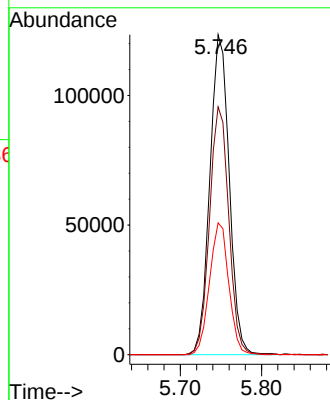
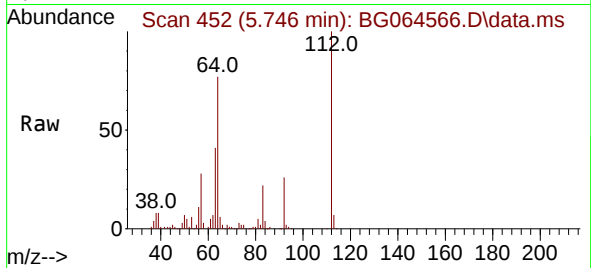




#5
2-Fluorophenol
Concen: 87.958 ng
RT: 5.746 min Scan# 452
Delta R.T. -0.003 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

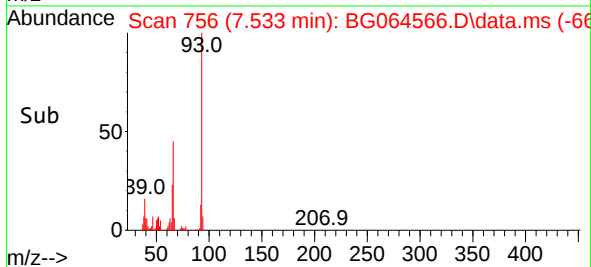
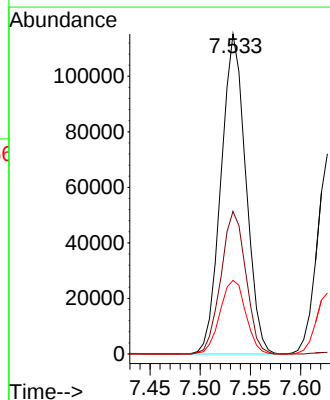
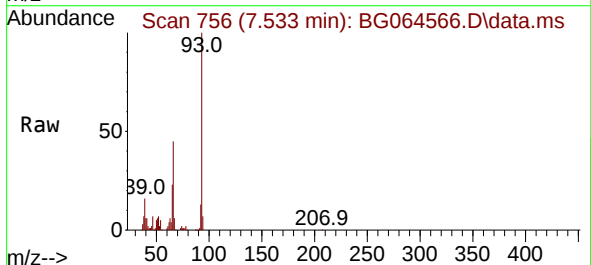
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ClientSampleId :
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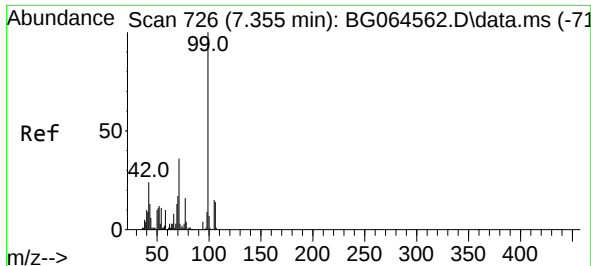
Tgt Ion:112 Resp: 204710
Ion Ratio Lower Upper
112 100
64 77.4 61.4 92.2
63 41.2 32.0 48.0



#6
Aniline
Concen: 44.514 ng
RT: 7.533 min Scan# 756
Delta R.T. -0.003 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

Tgt Ion: 93 Resp: 197273
Ion Ratio Lower Upper
93 100
66 44.5 34.6 51.8
65 23.0 19.1 28.7

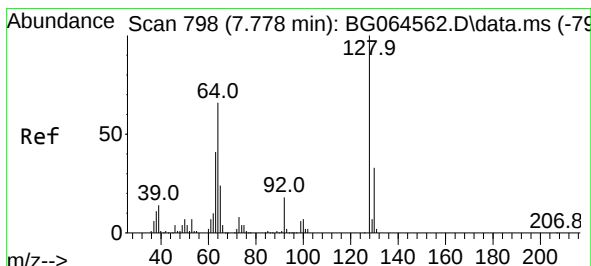
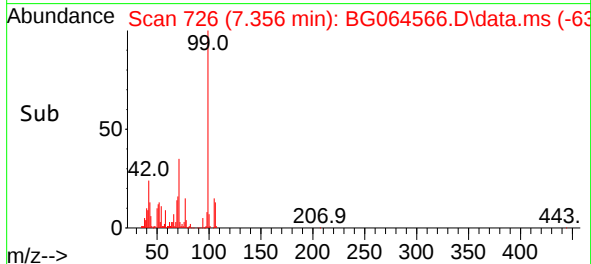
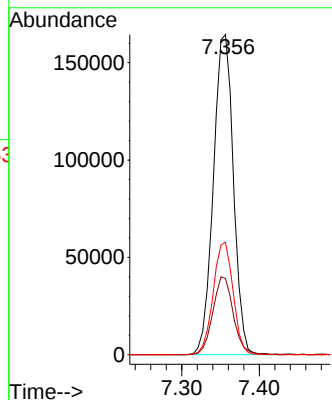
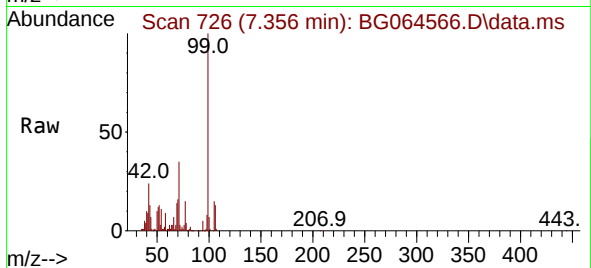




#7
Phenol-d6
Concen: 90.674 ng
RT: 7.356 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

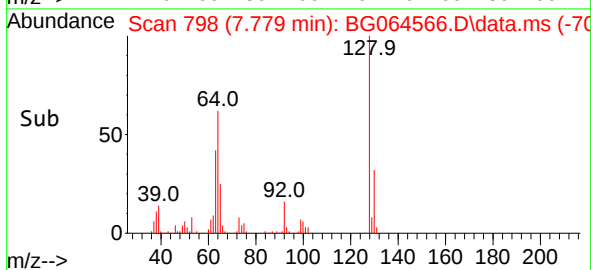
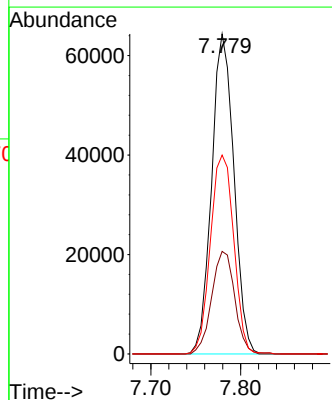
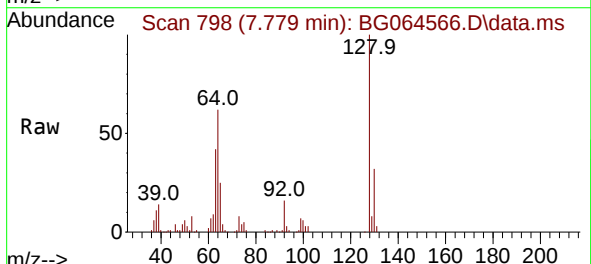
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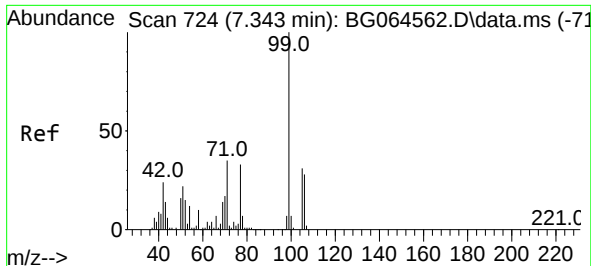
Tgt Ion: 99 Resp: 295474
Ion Ratio Lower Upper
99 100
42 23.8 19.1 28.7
71 35.2 29.0 43.4



#8
2-Chlorophenol
Concen: 44.740 ng
RT: 7.779 min Scan# 798
Delta R.T. -0.003 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

Tgt Ion: 128 Resp: 110977
Ion Ratio Lower Upper
128 100
130 32.1 13.0 53.0
64 62.1 45.6 85.6

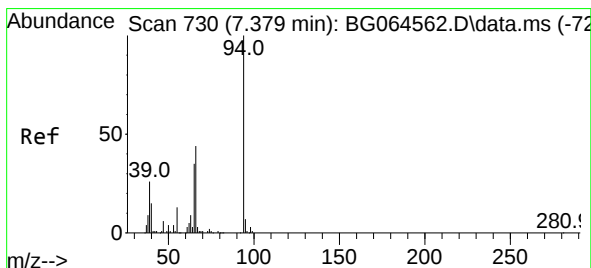
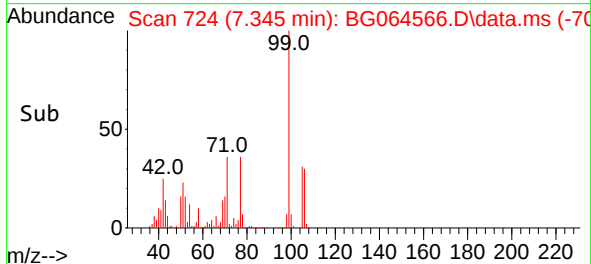
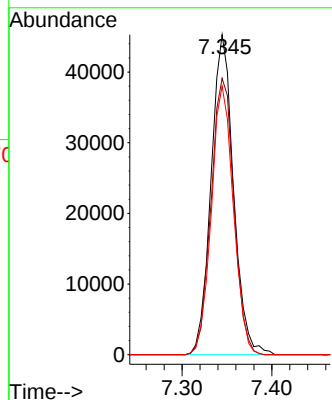
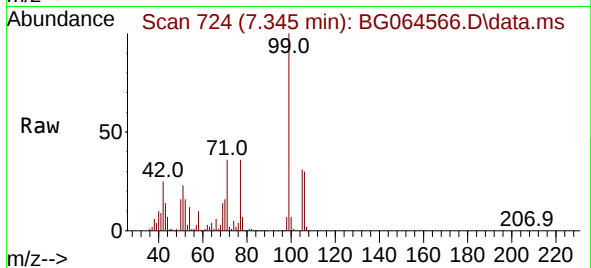




#9
Benzaldehyde
Concen: 43.600 ng
RT: 7.345 min Scan# 71
Delta R.T. 0.002 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

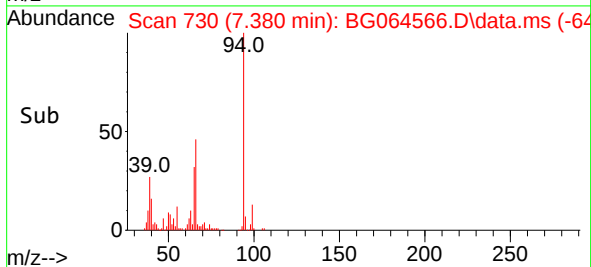
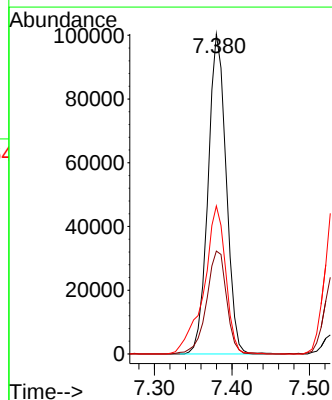
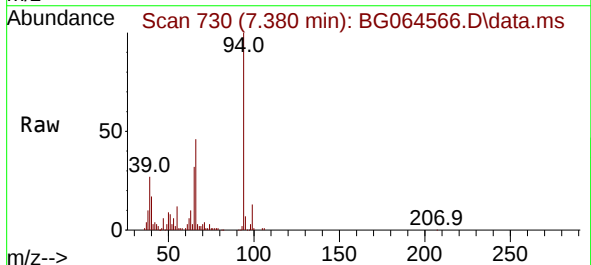
Instrument :
BNA_G
ClientSampleId :
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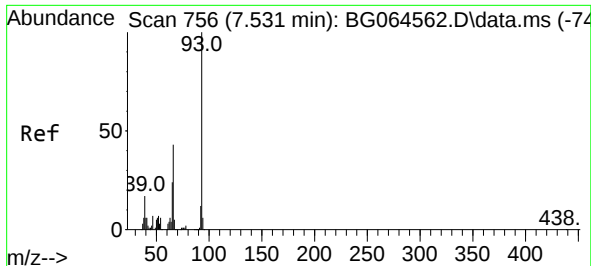
Tgt Ion: 77 Resp: 78380
Ion Ratio Lower Upper
77 100
105 86.3 72.5 112.5
106 83.9 63.2 103.2



#10
Phenol
Concen: 44.921 ng
RT: 7.380 min Scan# 730
Delta R.T. -0.003 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

Tgt Ion: 94 Resp: 162289
Ion Ratio Lower Upper
94 100
65 32.1 14.5 54.5
66 46.3 24.9 64.9

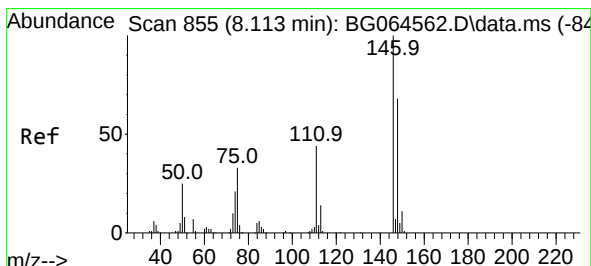
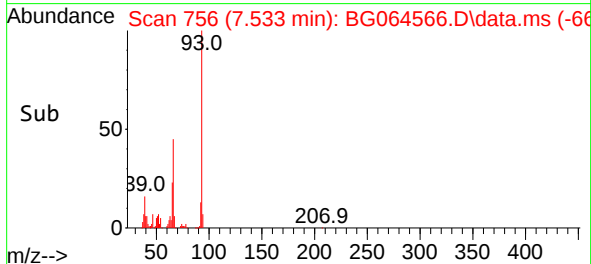
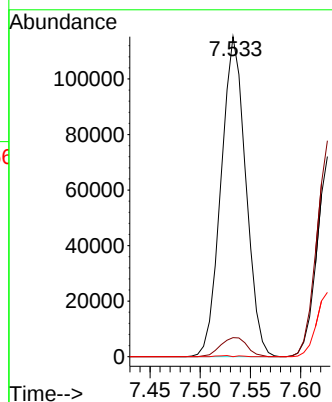
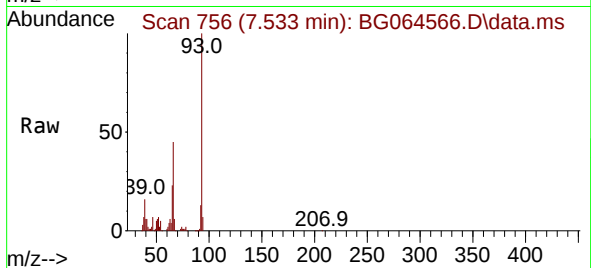




#11
bis(2-Chloroethyl)ether
Concen: 44.514 ng
RT: 7.533 min Scan# 756
Delta R.T. -0.003 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

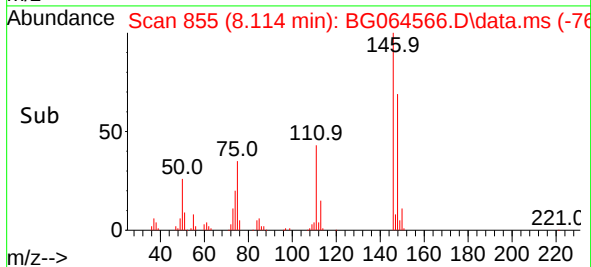
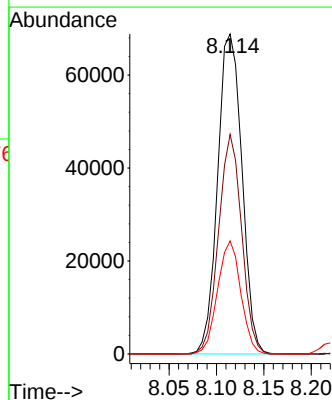
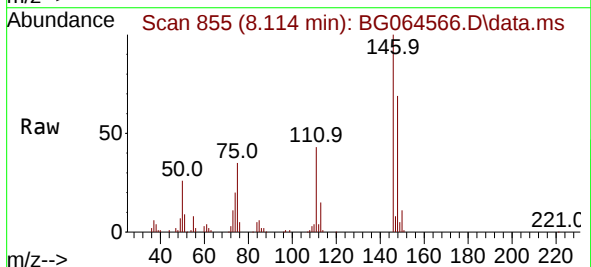
Instrument :
BNA_G
ClientSampleId :
ICVBG102325

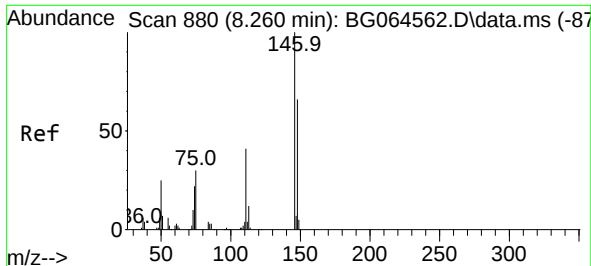
Tgt Ion: 93 Resp: 197273
Ion Ratio Lower Upper
93 100
63 6.0 0.0 26.1
95 0.0 0.0 20.2



#12
1,3-Dichlorobenzene
Concen: 43.739 ng
RT: 8.114 min Scan# 855
Delta R.T. 0.002 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

Tgt Ion: 146 Resp: 122873
Ion Ratio Lower Upper
146 100
148 68.6 54.7 82.1
75 35.3 26.5 39.7

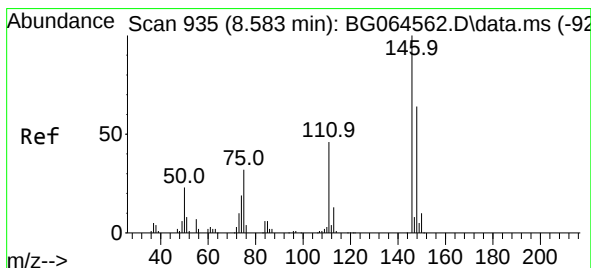
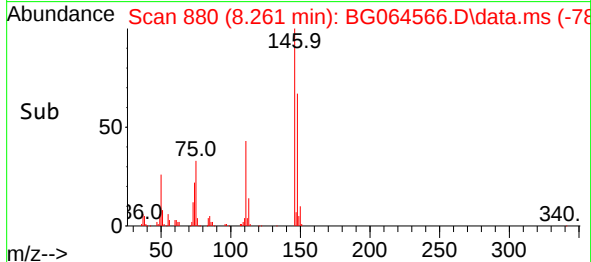
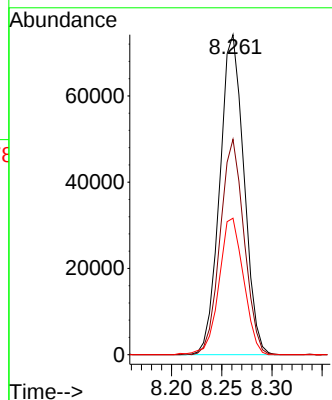
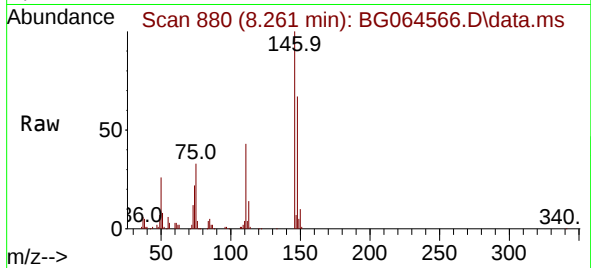




#13
1,4-Dichlorobenzene
Concen: 43.860 ng
RT: 8.261 min Scan# 880
Delta R.T. 0.002 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

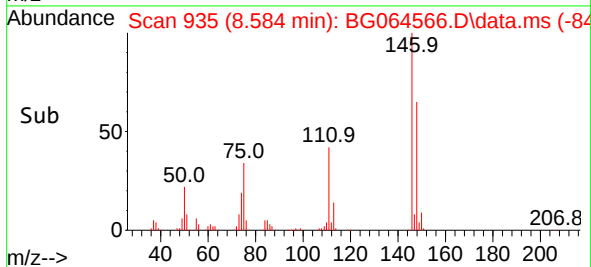
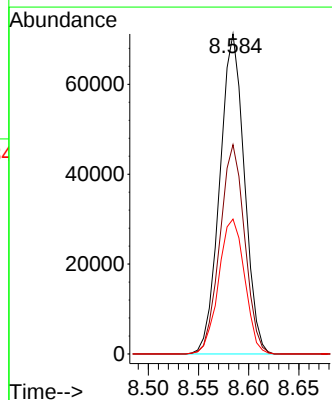
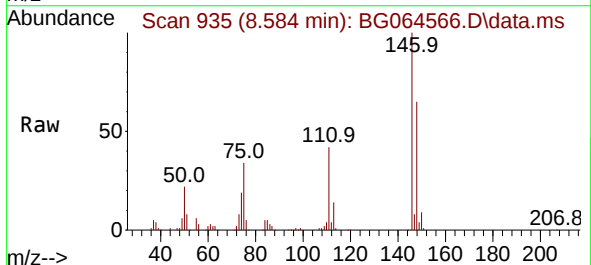
Instrument :
BNA_G
ClientSampleId :
ICVBG102325

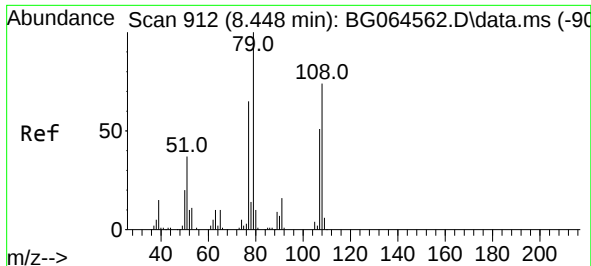
Tgt Ion:146 Resp: 124134
Ion Ratio Lower Upper
146 100
148 67.3 52.5 78.7
111 42.7 33.4 50.2



#14
1,2-Dichlorobenzene
Concen: 43.510 ng
RT: 8.584 min Scan# 935
Delta R.T. 0.002 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

Tgt Ion:146 Resp: 121059
Ion Ratio Lower Upper
146 100
148 65.4 51.3 76.9
111 42.2 36.6 55.0

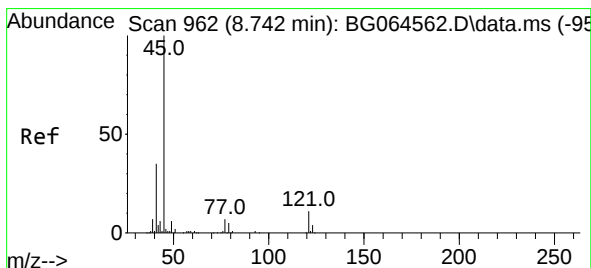
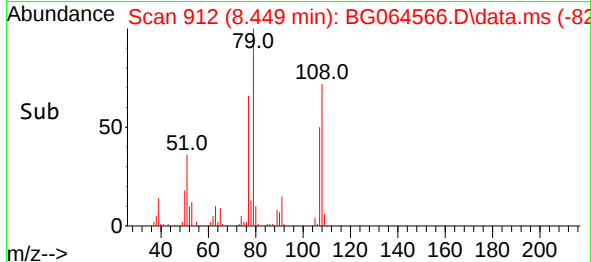
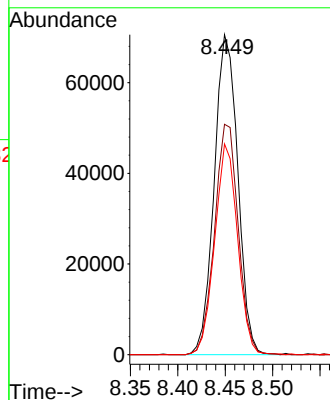
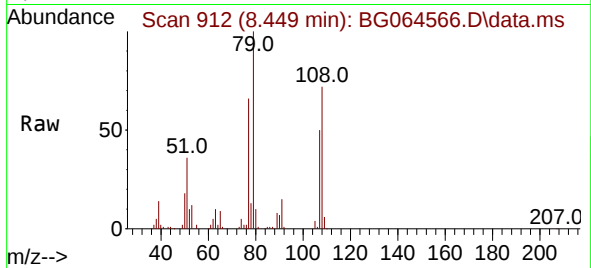




#15
Benzyl Alcohol
Concen: 45.500 ng
RT: 8.449 min Scan# 912
Delta R.T. -0.003 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

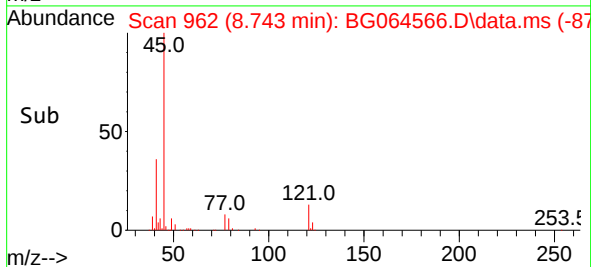
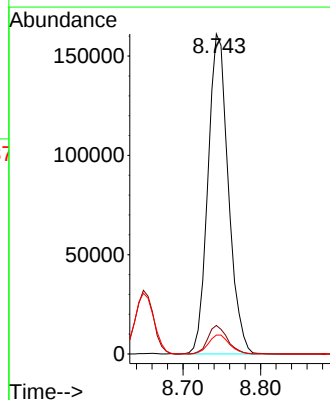
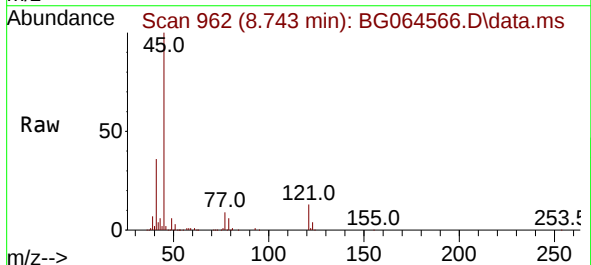
Instrument :
BNA_G
ClientSampleId :
ICVBG102325

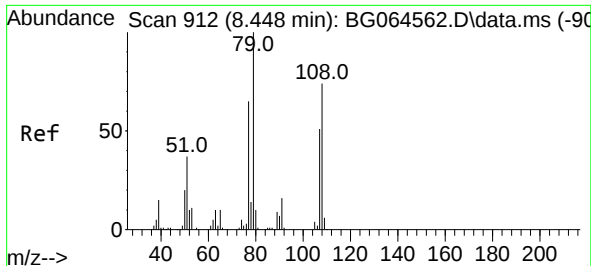
Tgt Ion: 79 Resp: 122024
Ion Ratio Lower Upper
79 100
108 72.0 59.3 88.9
77 65.9 52.5 78.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.958 ng
RT: 8.743 min Scan# 962
Delta R.T. -0.003 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

Tgt Ion: 45 Resp: 293897
Ion Ratio Lower Upper
45 100
77 8.9 0.0 28.2
79 5.9 0.0 25.8

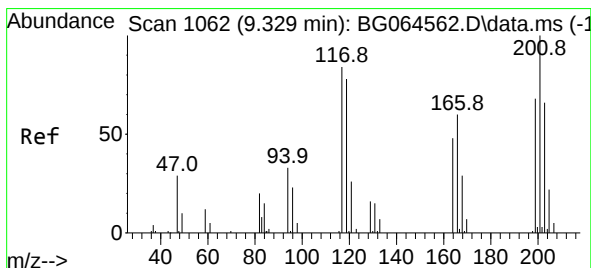
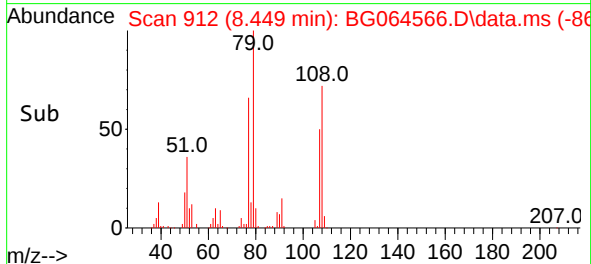
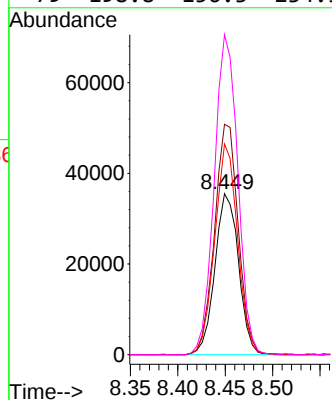
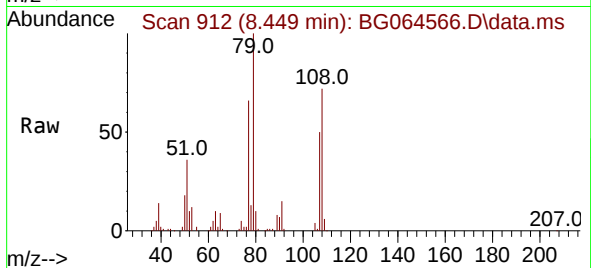




#17
2-Methylphenol
Concen: 45.393 ng
RT: 8.449 min Scan# 912
Delta R.T. -0.003 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

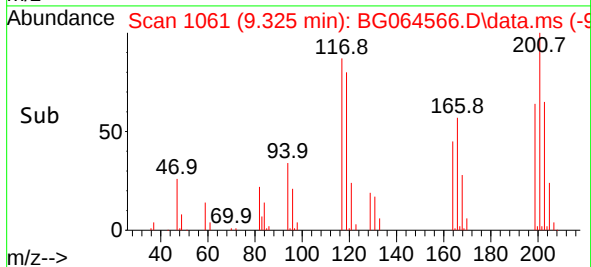
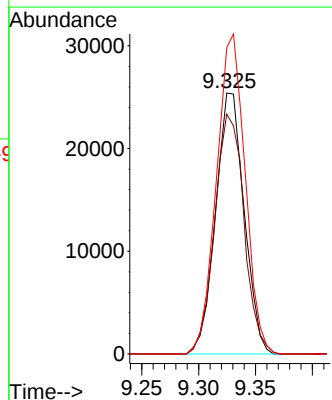
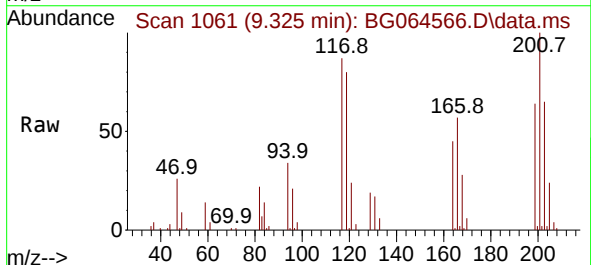
Instrument :
BNA_G
ClientSampleId :
ICVBG102325

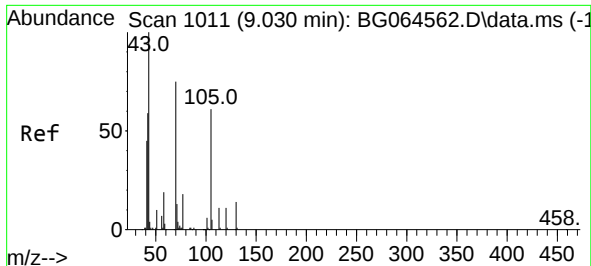
Tgt Ion:107 Resp: 61633
Ion Ratio Lower Upper
107 100
108 143.2 115.8 173.8
77 131.0 102.5 153.7
79 198.8 156.3 234.5



#18
Hexachloroethane
Concen: 46.082 ng
RT: 9.325 min Scan# 1061
Delta R.T. 0.002 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

Tgt Ion:117 Resp: 44452
Ion Ratio Lower Upper
117 100
119 91.9 74.6 112.0
201 117.4 98.3 147.5





#19

n-Nitroso-di-n-propylamine

Concen: 46.123 ng

RT: 9.031 min Scan# 1011

Delta R.T. -0.003 min

Lab File: BG064566.D

Acq: 23 Oct 2025 16:28

Instrument :

BNA_G

ClientSampleId :

ICVBG102325

Tgt Ion: 70 Resp: 104888

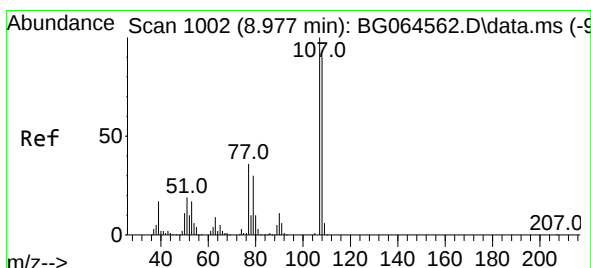
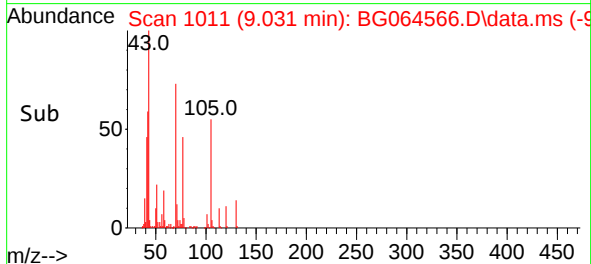
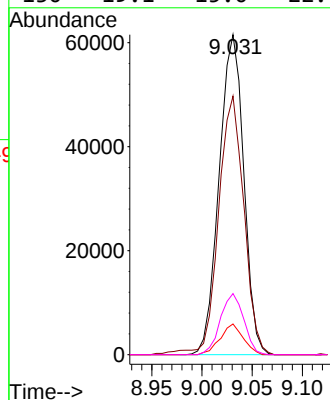
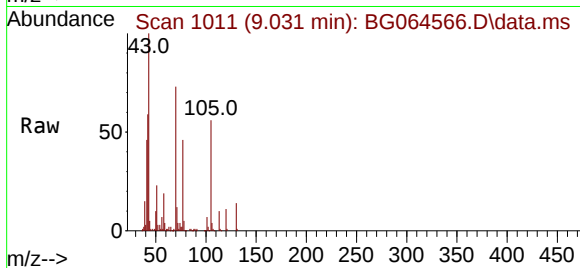
Ion Ratio Lower Upper

70 100

42 80.8 63.1 94.7

101 9.6 6.4 9.6#

130 19.1 15.0 22.4



#20

3+4-Methylphenols

Concen: 44.880 ng

RT: 8.978 min Scan# 1002

Delta R.T. -0.003 min

Lab File: BG064566.D

Acq: 23 Oct 2025 16:28

Tgt Ion:107 Resp: 150429

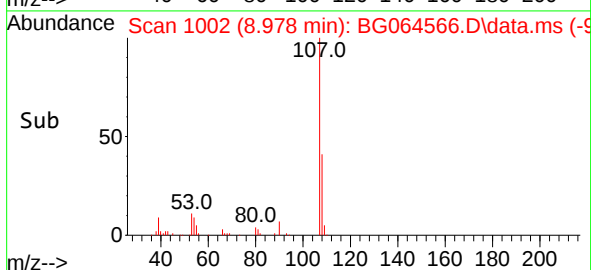
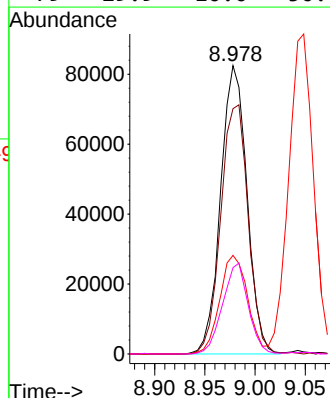
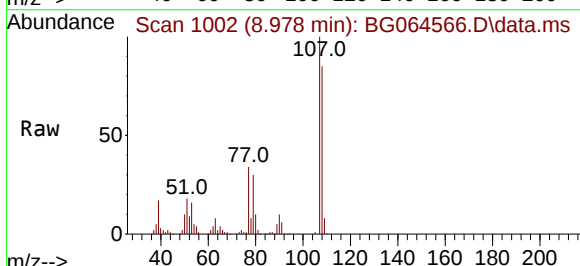
Ion Ratio Lower Upper

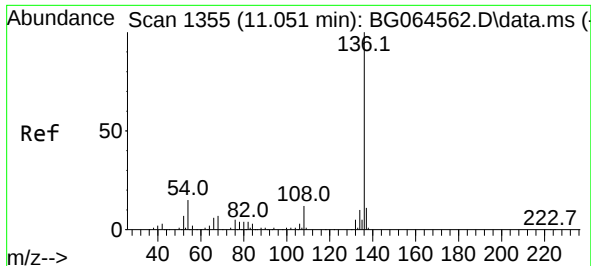
107 100

108 85.1 70.1 110.1

77 34.2 15.7 55.7

79 29.9 10.0 50.0

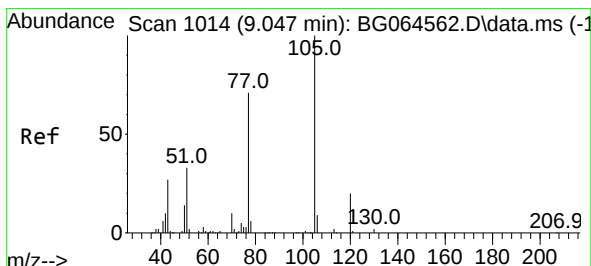
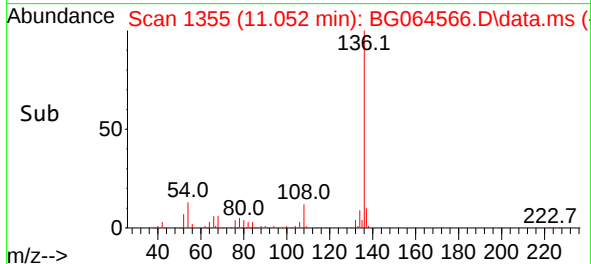
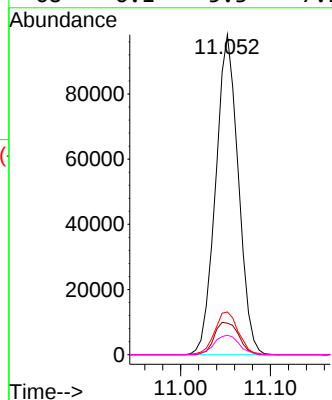
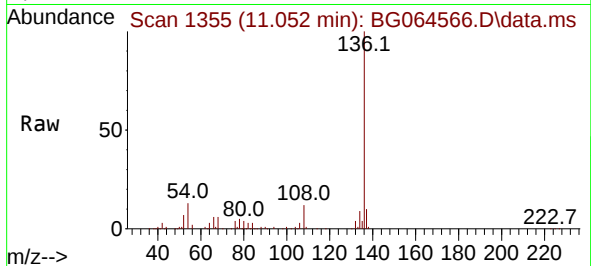




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.052 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

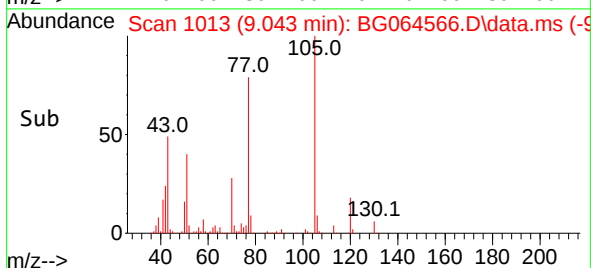
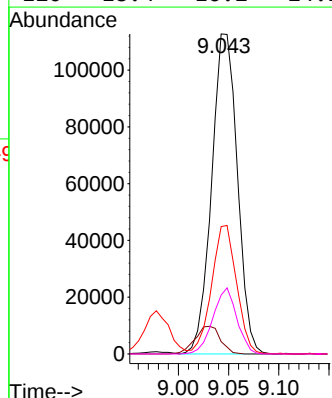
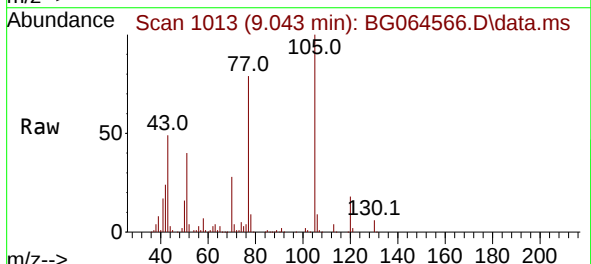
Instrument :
BNA_G
ClientSampleId :
ICVBG102325

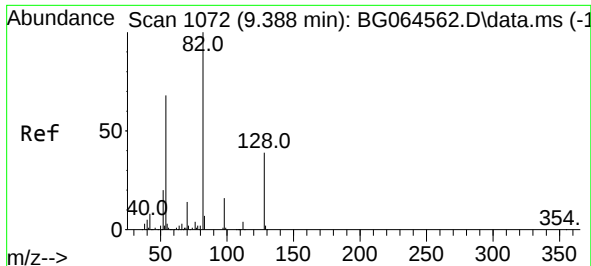
Tgt Ion:	136	Resp:	171827
Ion Ratio	Lower	Upper	
136	100		
137	9.9	8.5	12.7
54	13.4	12.8	19.2
68	6.1	5.3	7.9



#22
Acetophenone
Concen: 43.032 ng
RT: 9.043 min Scan# 1013
Delta R.T. -0.003 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

Tgt Ion:	105	Resp:	201330
Ion Ratio	Lower	Upper	
105	100		
71	3.9	1.2	1.8#
51	39.8	30.3	45.5
120	18.4	16.2	24.2





#23

Nitrobenzene-d5

Concen: 90.955 ng

RT: 9.389 min Scan# 1072

Delta R.T. -0.004 min

Lab File: BG064566.D

Acq: 23 Oct 2025 16:28

Instrument :

BNA_G

ClientSampleId :

ICVBG102325

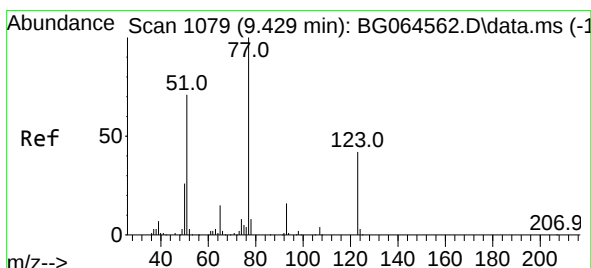
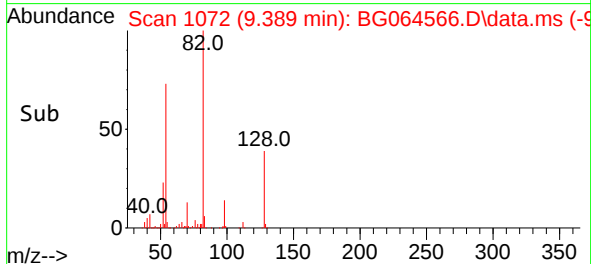
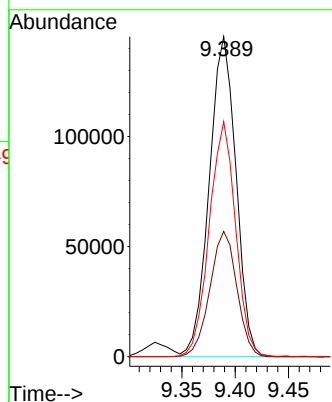
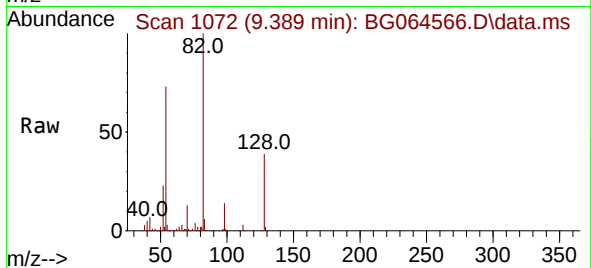
Tgt Ion: 82 Resp: 253450

Ion Ratio Lower Upper

82 100

128 39.1 30.7 46.1

54 73.5 54.2 81.2



#24

Nitrobenzene

Concen: 43.323 ng

RT: 9.430 min Scan# 1079

Delta R.T. -0.004 min

Lab File: BG064566.D

Acq: 23 Oct 2025 16:28

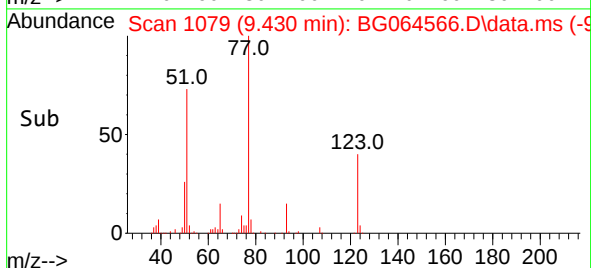
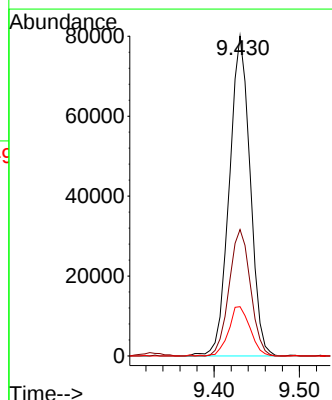
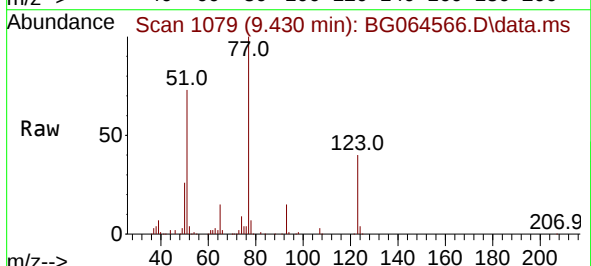
Tgt Ion: 77 Resp: 136120

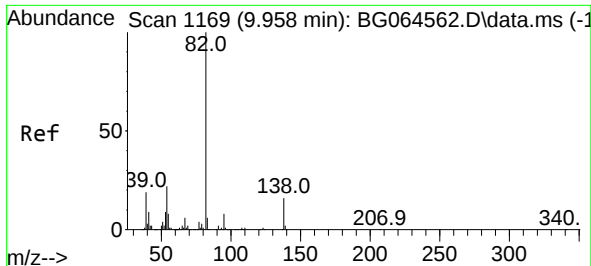
Ion Ratio Lower Upper

77 100

123 39.5 33.3 49.9

65 15.4 11.8 17.8

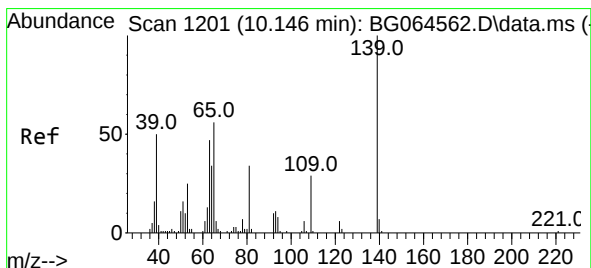
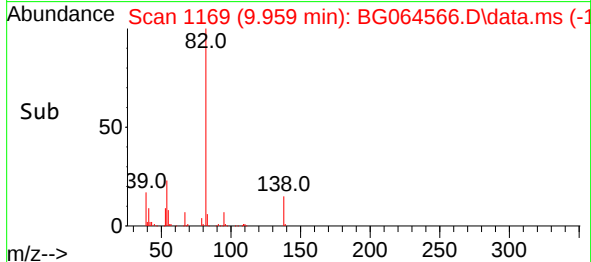
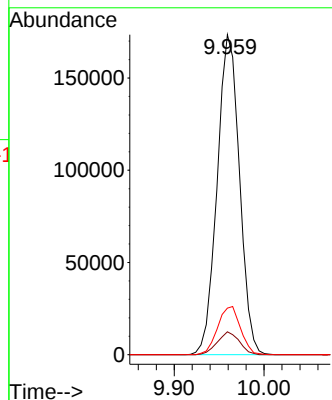
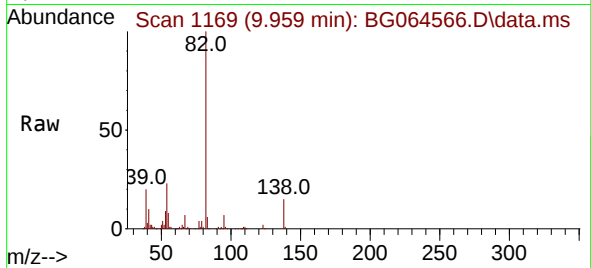




#25
Isophorone
Concen: 42.813 ng
RT: 9.959 min Scan# 1169
Delta R.T. -0.004 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

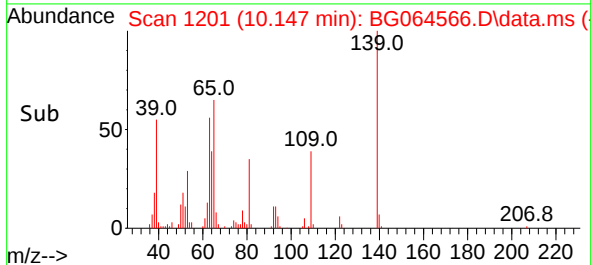
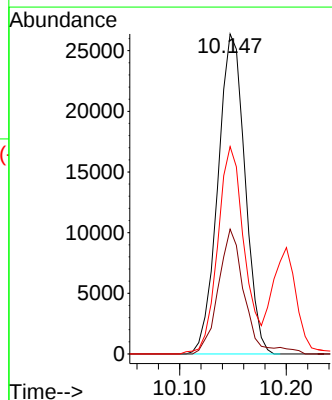
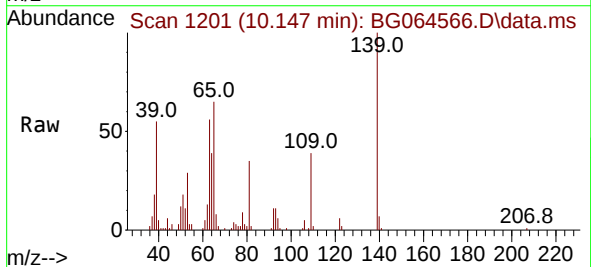
Instrument :
BNA_G
ClientSampleId :
ICVBG102325

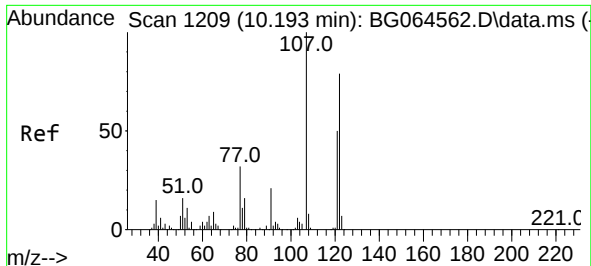
Tgt Ion: 82 Resp: 299744
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 14.5 12.9 19.3



#26
2-Nitrophenol
Concen: 45.805 ng
RT: 10.147 min Scan# 1201
Delta R.T. -0.004 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

Tgt Ion: 139 Resp: 46536
Ion Ratio Lower Upper
139 100
109 39.0 22.9 34.3#
65 64.8 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 46.232 ng

RT: 10.200 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG064566.D

Acq: 23 Oct 2025 16:28

Instrument :

BNA_G

ClientSampleId :

ICVBG102325

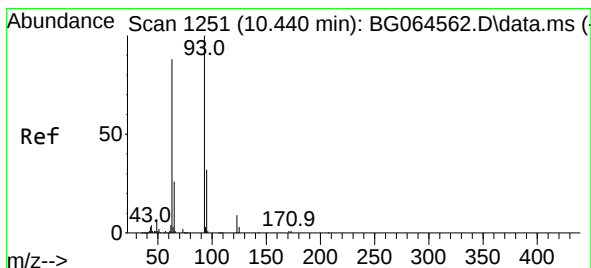
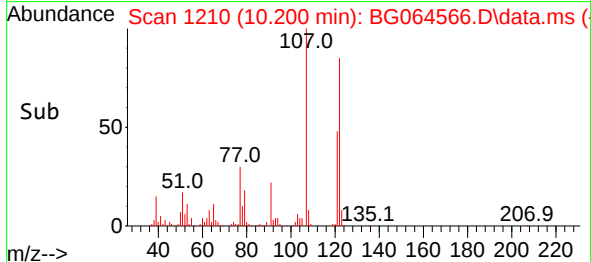
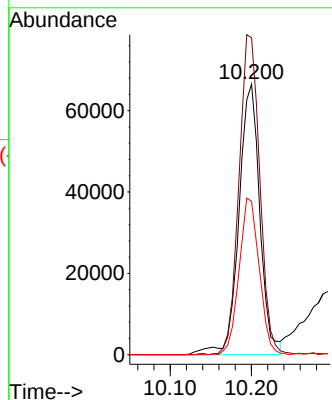
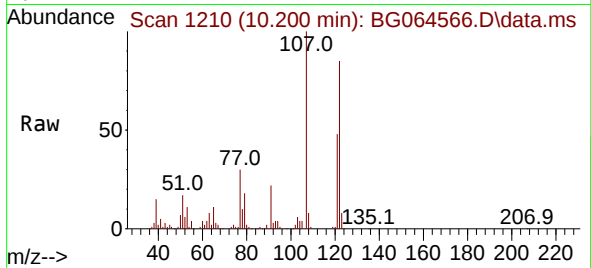
Tgt Ion:122 Resp: 118737

Ion Ratio Lower Upper

122 100

107 117.2 101.0 151.6

121 56.7 50.3 75.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.013 ng

RT: 10.441 min Scan# 1251

Delta R.T. 0.002 min

Lab File: BG064566.D

Acq: 23 Oct 2025 16:28

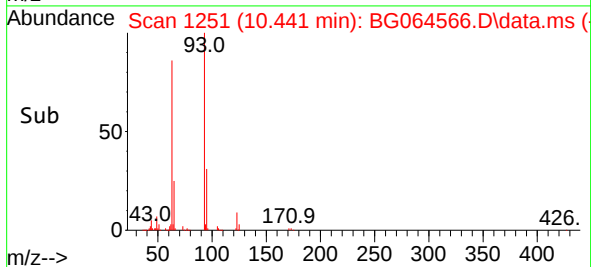
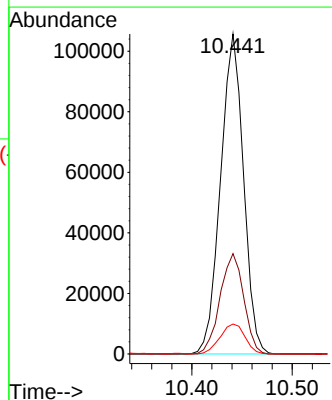
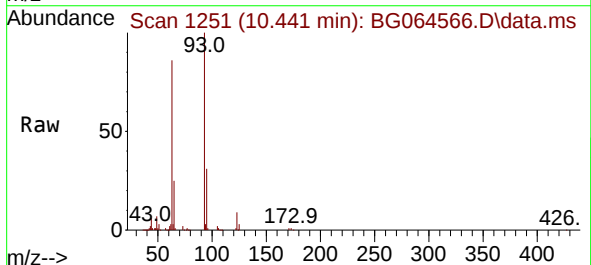
Tgt Ion: 93 Resp: 167274

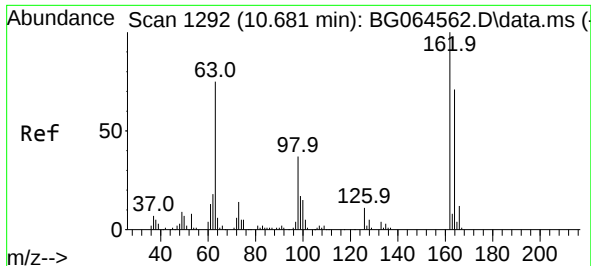
Ion Ratio Lower Upper

93 100

95 31.4 25.8 38.6

123 9.4 7.0 10.6

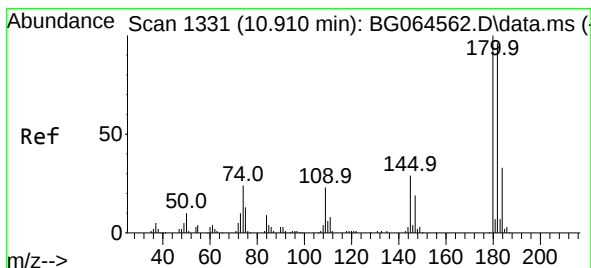
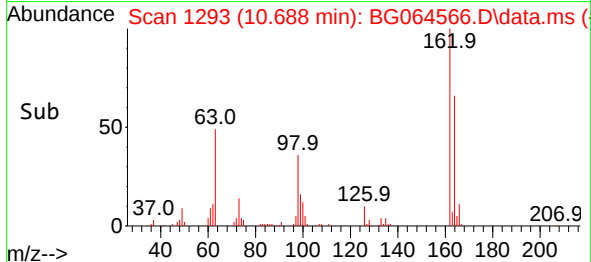
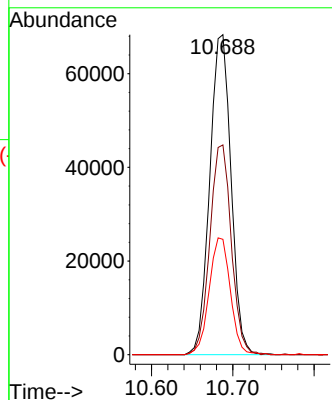
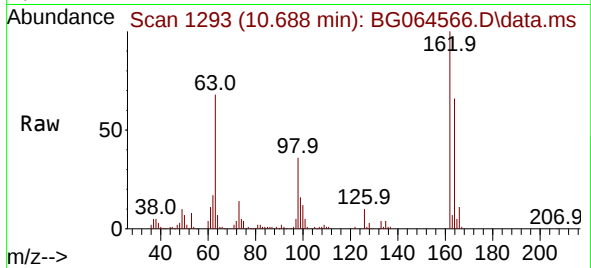




#29
2,4-Dichlorophenol
Concen: 46.139 ng
RT: 10.688 min Scan# 1292
Delta R.T. 0.002 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

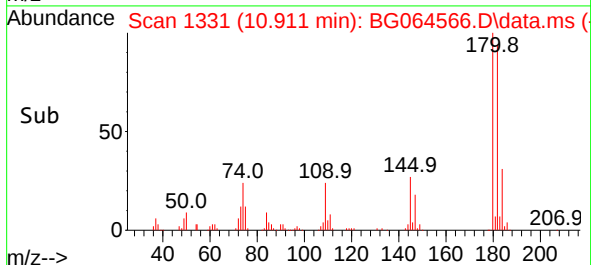
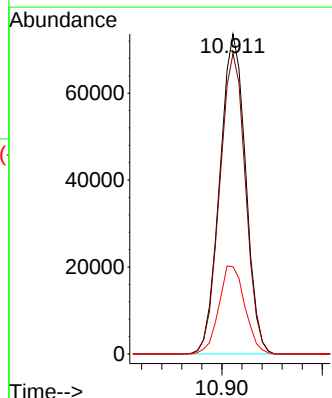
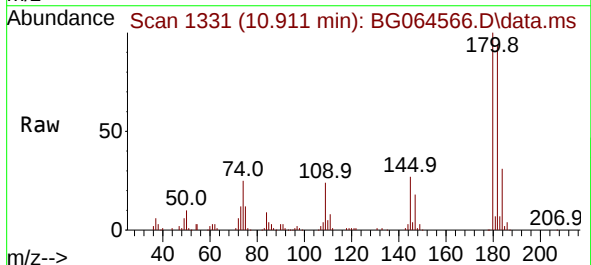
Instrument :
BNA_G
ClientSampleId :
ICVBG102325

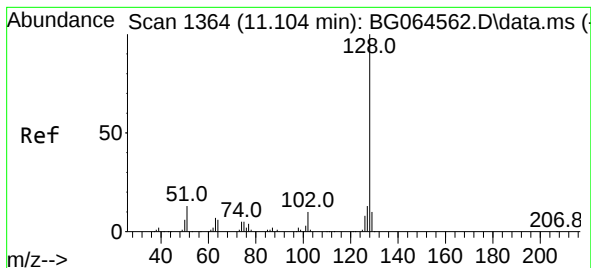
Tgt Ion:162 Resp: 124185
Ion Ratio Lower Upper
162 100
164 65.6 51.4 91.4
98 36.1 17.0 57.0



#30
1,2,4-Trichlorobenzene
Concen: 42.974 ng
RT: 10.911 min Scan# 1331
Delta R.T. 0.002 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

Tgt Ion:180 Resp: 131025
Ion Ratio Lower Upper
180 100
182 93.8 76.9 115.3
145 27.2 23.4 35.0

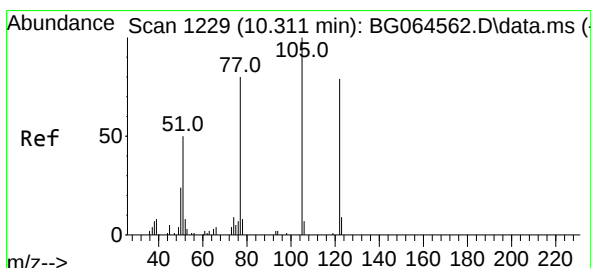
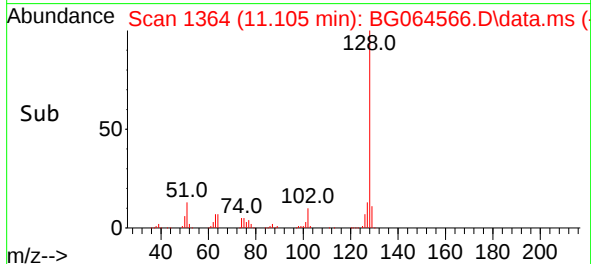
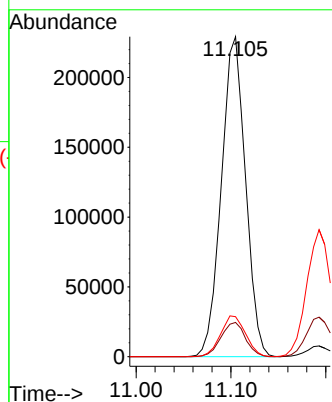
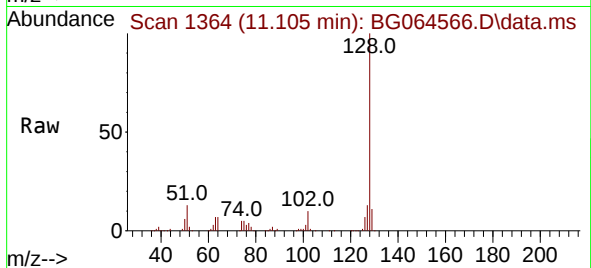




#31
Naphthalene
Concen: 43.057 ng
RT: 11.105 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

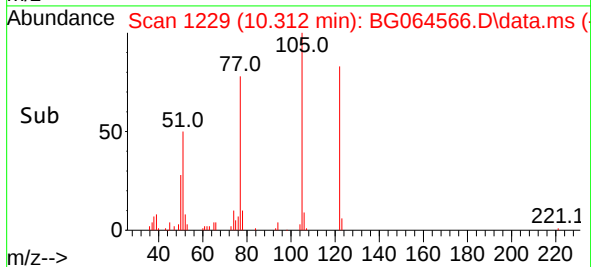
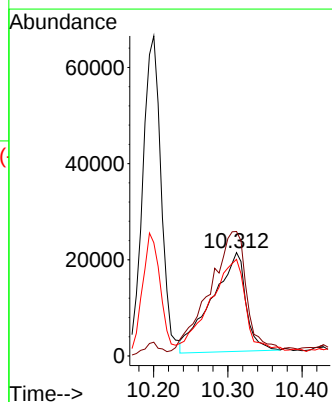
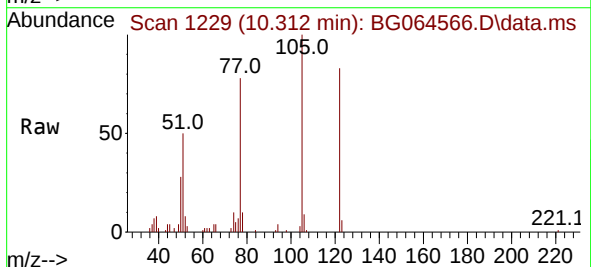
Instrument :
BNA_G
ClientSampleId :
ICVBG102325

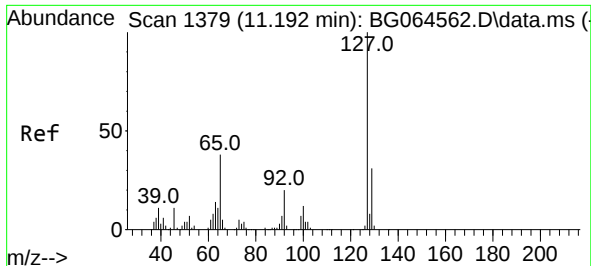
Tgt Ion:128 Resp: 405692
Ion Ratio Lower Upper
128 100
129 10.7 8.0 12.0
127 12.5 10.5 15.7



#32
Benzoic acid
Concen: 43.688 ng
RT: 10.312 min Scan# 1229
Delta R.T. -0.038 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

Tgt Ion:122 Resp: 65460
Ion Ratio Lower Upper
122 100
105 120.4 104.0 144.0
77 93.6 76.7 116.7

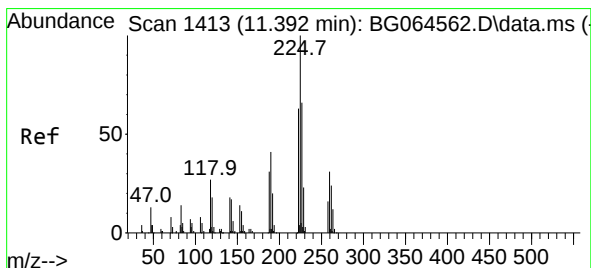
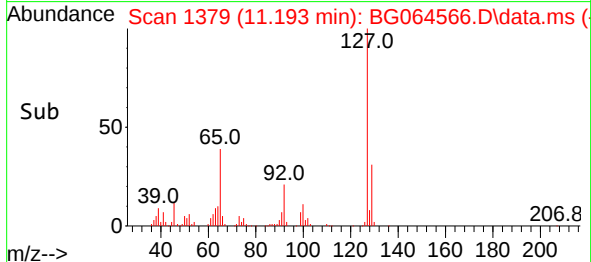
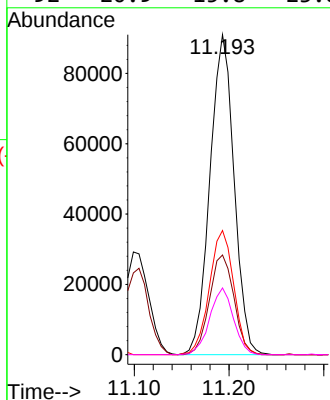
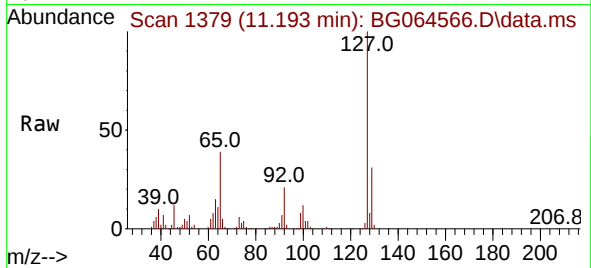




#33
4-Chloroaniline
Concen: 43.346 ng
RT: 11.193 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

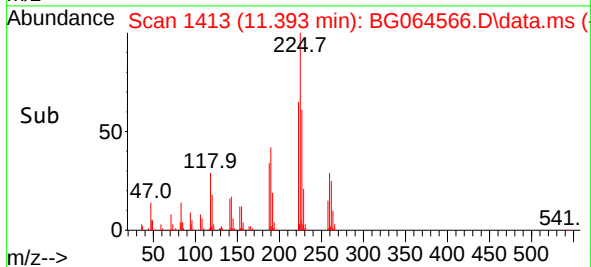
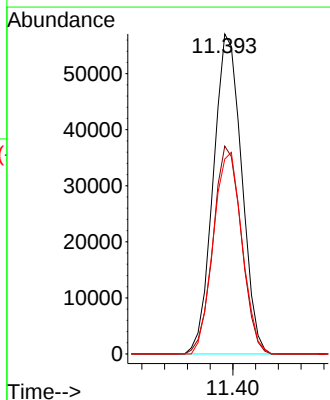
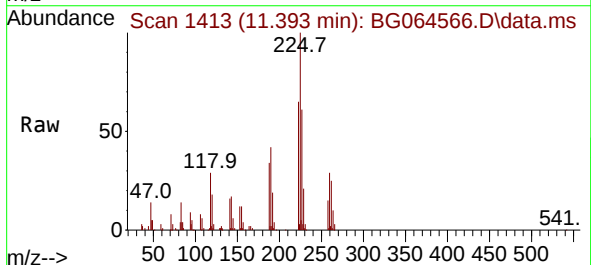
Instrument :
BNA_G
ClientSampleId :
ICVBG102325

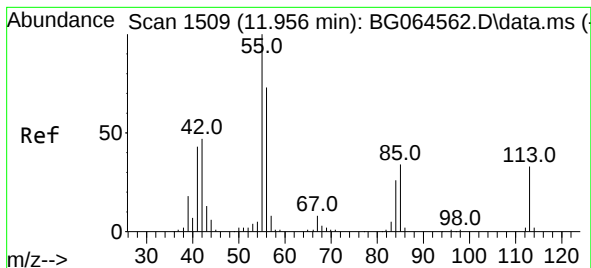
Tgt Ion:	127	Resp:	161132
Ion	Ratio	Lower	Upper
127	100		
129	31.2	24.5	36.7
65	38.8	30.2	45.2
92	20.9	15.8	23.8



#34
Hexachlorobutadiene
Concen: 42.445 ng
RT: 11.393 min Scan# 1413
Delta R.T. 0.002 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

Tgt Ion:	225	Resp:	98795
Ion	Ratio	Lower	Upper
225	100		
223	64.9	53.0	79.4
227	60.9	55.2	82.8

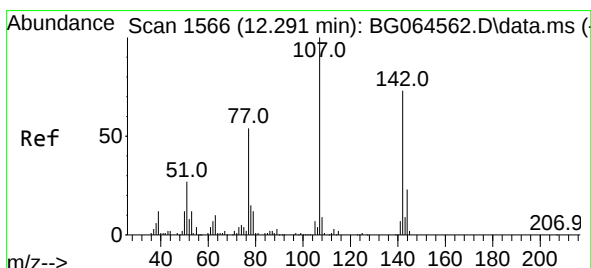
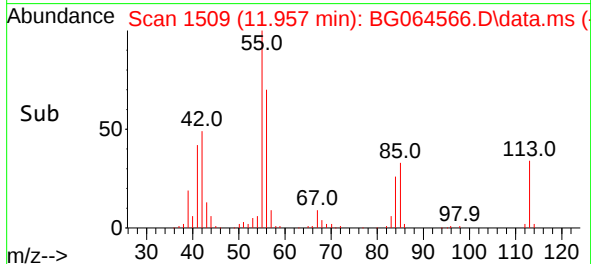
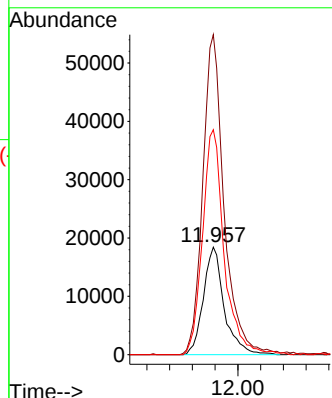
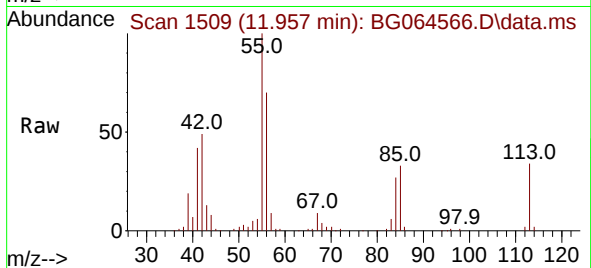




#35
 Caprolactam
 Concen: 43.520 ng
 RT: 11.957 min Scan# 11
 Delta R.T. -0.015 min
 Lab File: BG064566.D
 Acq: 23 Oct 2025 16:28

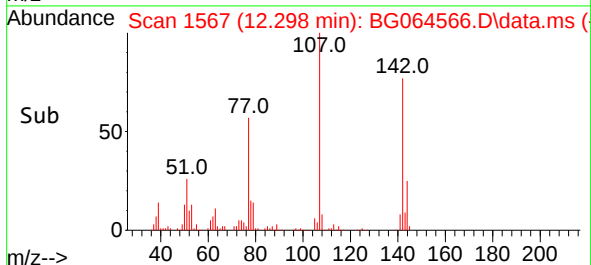
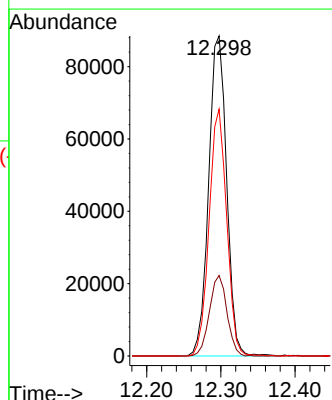
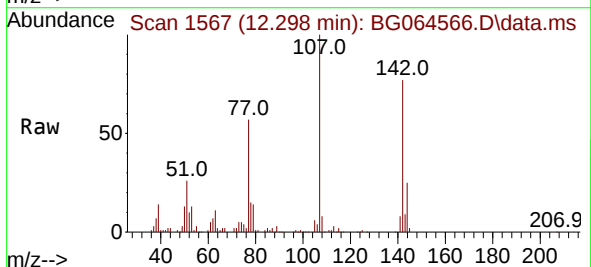
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG102325

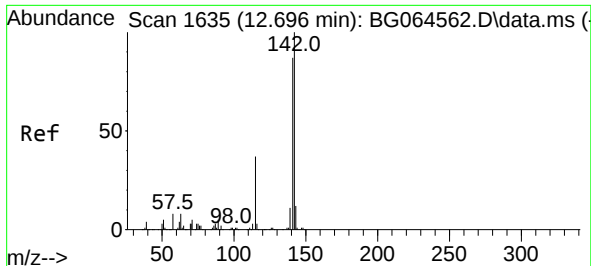
Tgt Ion:113 Resp: 46868
 Ion Ratio Lower Upper
 113 100
 55 297.4 282.9 322.9
 56 209.1 201.6 241.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.591 ng
 RT: 12.298 min Scan# 1567
 Delta R.T. 0.002 min
 Lab File: BG064566.D
 Acq: 23 Oct 2025 16:28

Tgt Ion:107 Resp: 148990
 Ion Ratio Lower Upper
 107 100
 144 25.2 18.0 27.0
 142 77.1 58.1 87.1

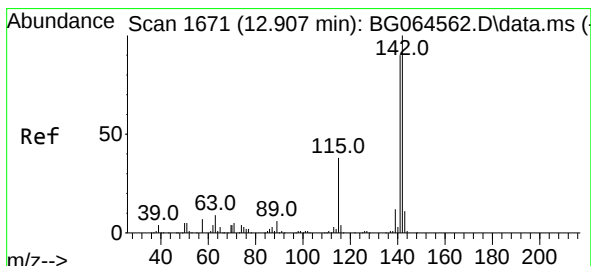
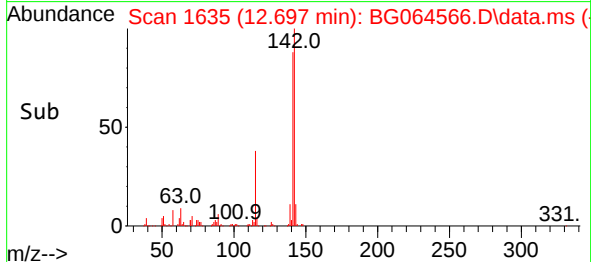
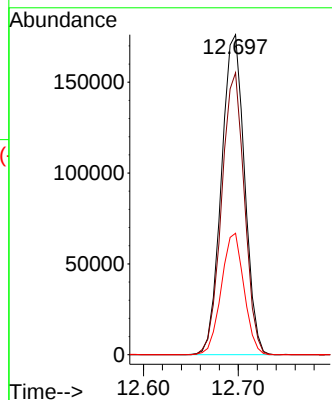
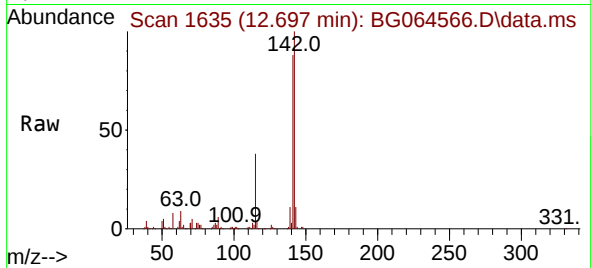




#37
2-Methylnaphthalene
Concen: 42.654 ng
RT: 12.697 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

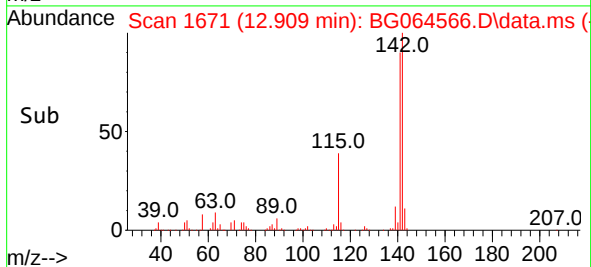
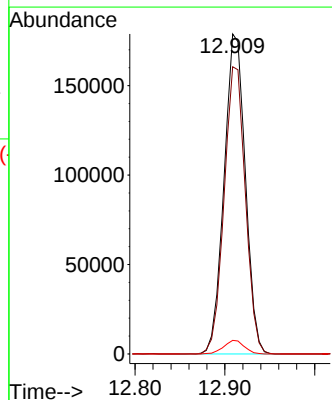
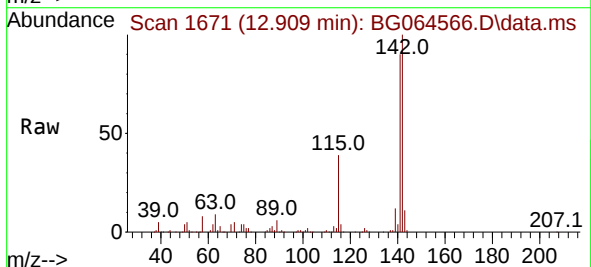
Instrument :
BNA_G
ClientSampleId :
ICVBG102325

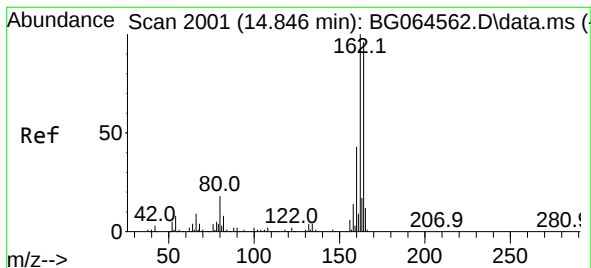
Tgt Ion:142 Resp: 299451
Ion Ratio Lower Upper
142 100
141 88.1 69.9 104.9
115 37.9 29.6 44.4



#38
1-Methylnaphthalene
Concen: 42.793 ng
RT: 12.909 min Scan# 1671
Delta R.T. -0.003 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

Tgt Ion:142 Resp: 294216
Ion Ratio Lower Upper
142 100
141 89.7 71.8 107.8
116 4.3 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.848 min Scan# 2001

Delta R.T. 0.002 min

Lab File: BG064566.D

Acq: 23 Oct 2025 16:28

Instrument :

BNA_G

ClientSampleId :

ICVBG102325

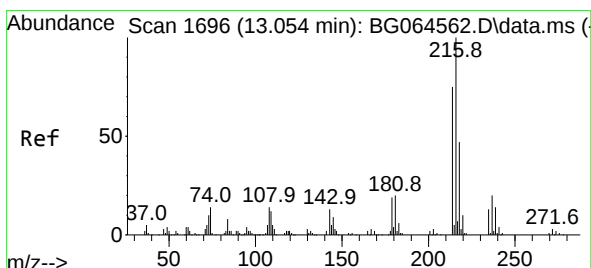
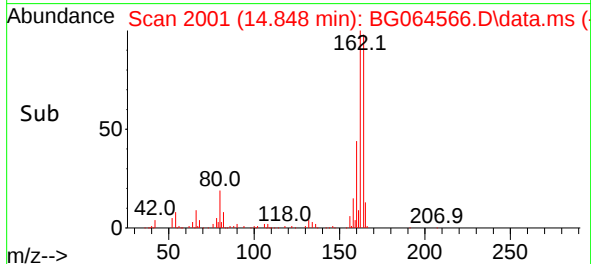
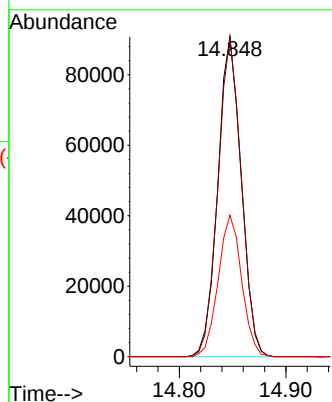
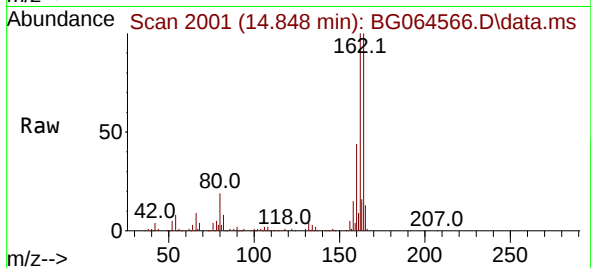
Tgt Ion:164 Resp: 138122

Ion Ratio Lower Upper

164 100

162 99.6 83.4 125.2

160 44.2 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.914 ng

RT: 13.056 min Scan# 1696

Delta R.T. 0.002 min

Lab File: BG064566.D

Acq: 23 Oct 2025 16:28

Tgt Ion:216 Resp: 192173

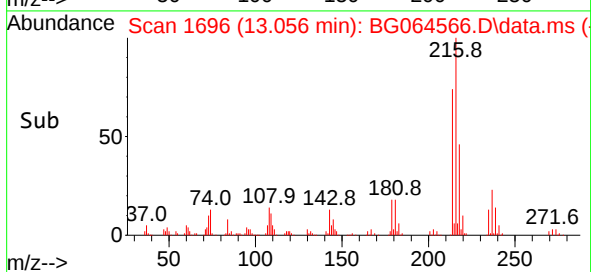
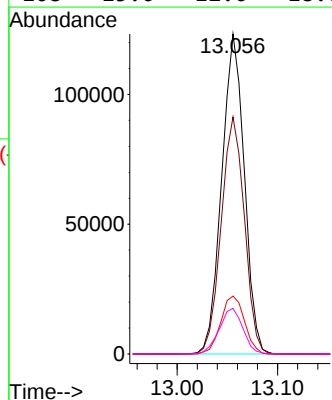
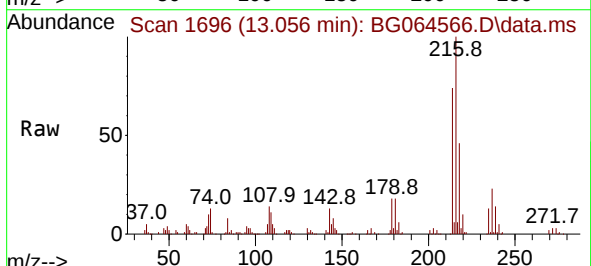
Ion Ratio Lower Upper

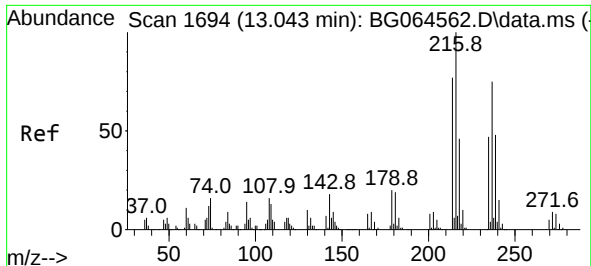
216 100

214 76.0 61.7 92.5

179 19.0 15.8 23.6

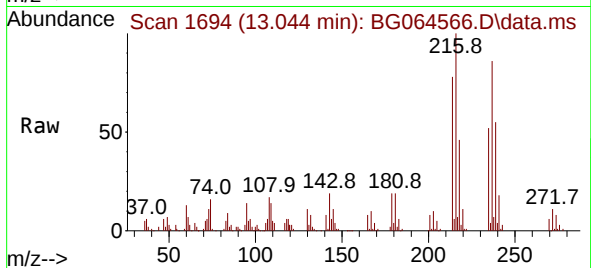
108 15.0 12.0 18.0



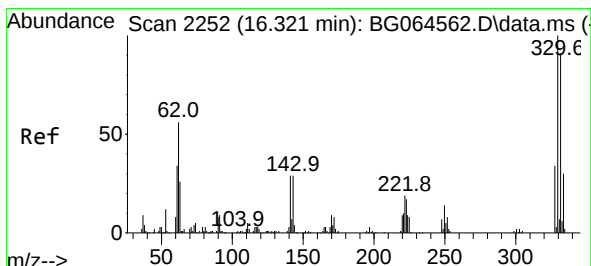
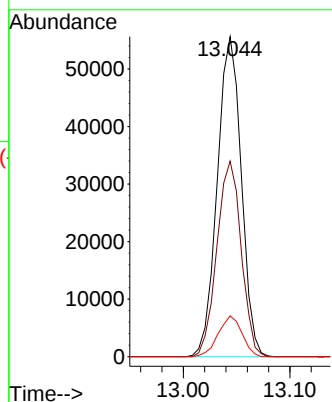
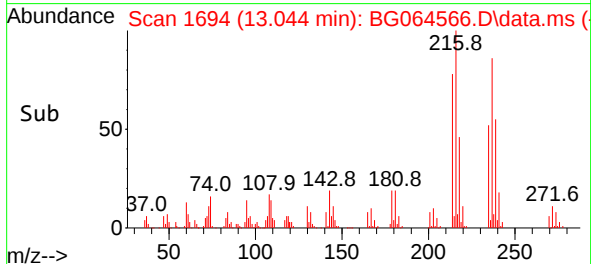


#41
Hexachlorocyclopentadiene
Concen: 47.293 ng
RT: 13.044 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

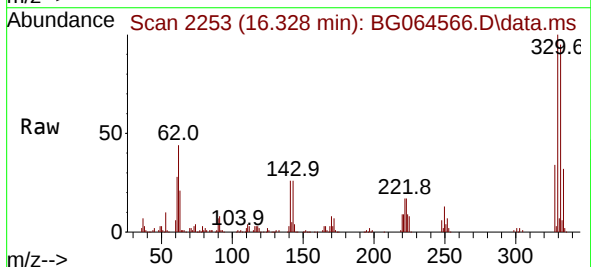
Instrument :
BNA_G
ClientSampleId :
ICVBG102325



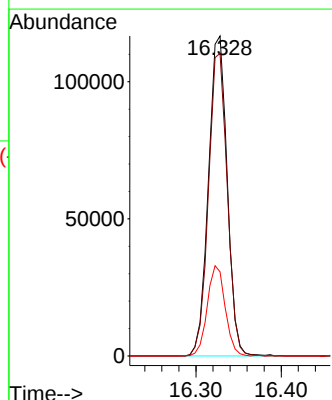
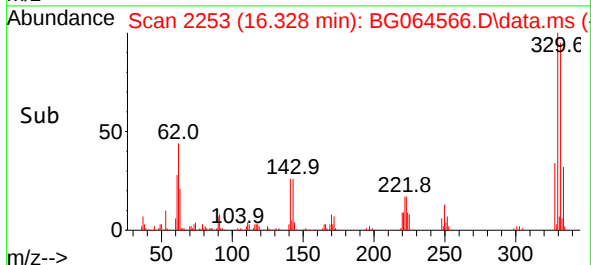
Tgt Ion:237 Resp: 86940
Ion Ratio Lower Upper
237 100
235 61.1 43.2 83.2
272 12.8 0.0 31.7

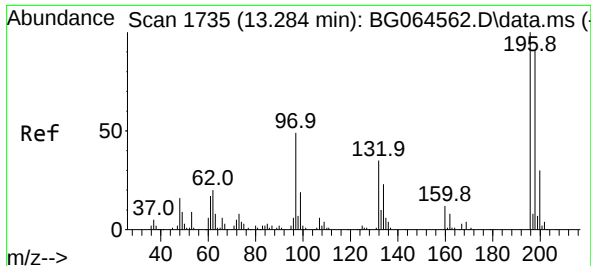


#42
2,4,6-Tribromophenol
Concen: 94.710 ng
RT: 16.328 min Scan# 2253
Delta R.T. 0.002 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28



Tgt Ion:330 Resp: 178017
Ion Ratio Lower Upper
330 100
332 94.6 77.0 115.6
141 26.9 22.4 33.6

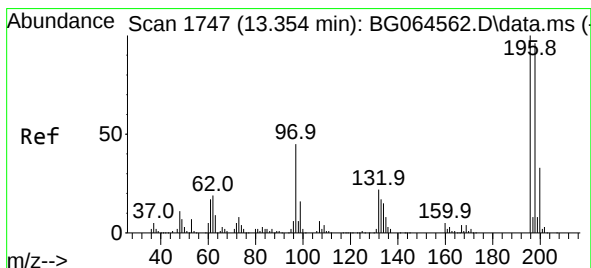
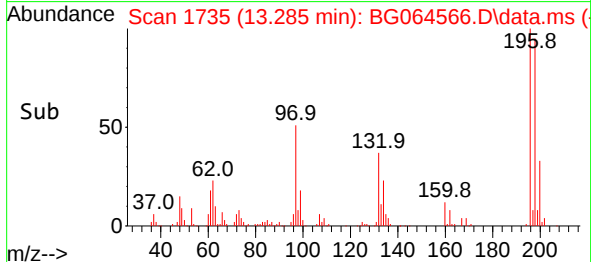
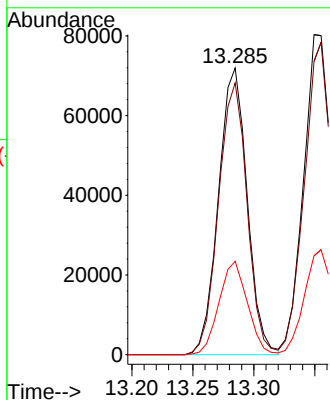
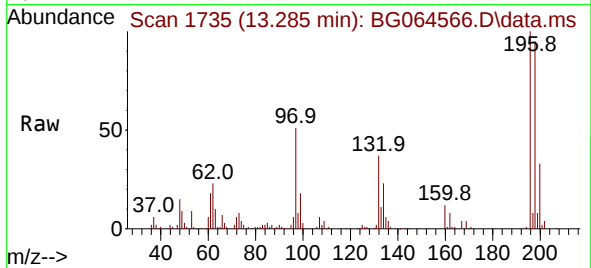




#43
2,4,6-Trichlorophenol
Concen: 45.291 ng
RT: 13.285 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

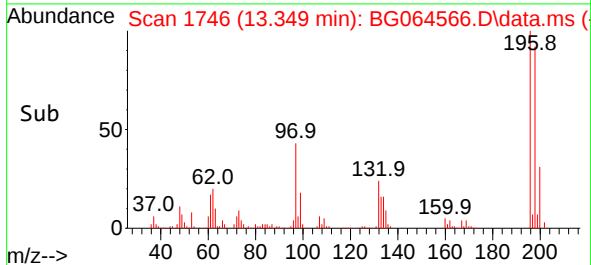
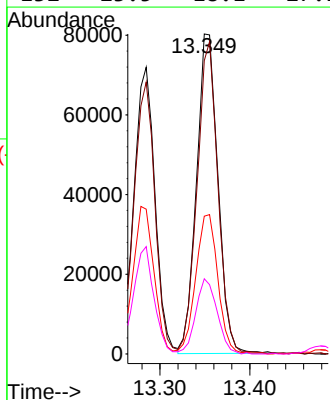
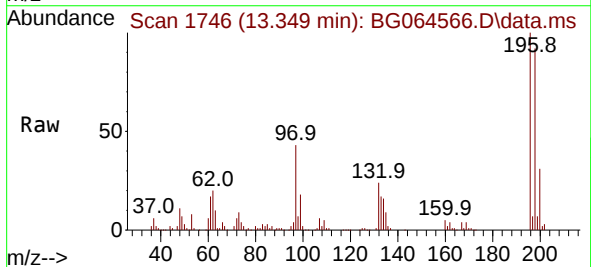
Instrument :
BNA_G
ClientSampleId :
ICVBG102325

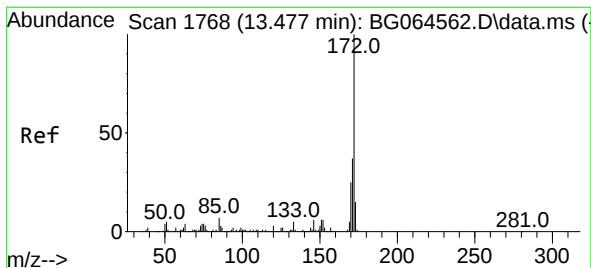
Tgt Ion:196 Resp: 118061
Ion Ratio Lower Upper
196 100
198 94.8 73.0 109.6
200 32.6 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 45.483 ng
RT: 13.349 min Scan# 1746
Delta R.T. -0.003 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

Tgt Ion:196 Resp: 133150
Ion Ratio Lower Upper
196 100
198 91.6 76.9 115.3
97 43.0 36.3 54.5
132 23.5 18.1 27.1





#45

2-Fluorobiphenyl

Concen: 84.323 ng

RT: 13.479 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG064566.D

Acq: 23 Oct 2025 16:28

Instrument :

BNA_G

ClientSampleId :

ICVBG102325

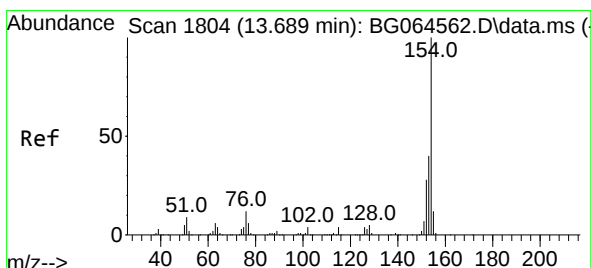
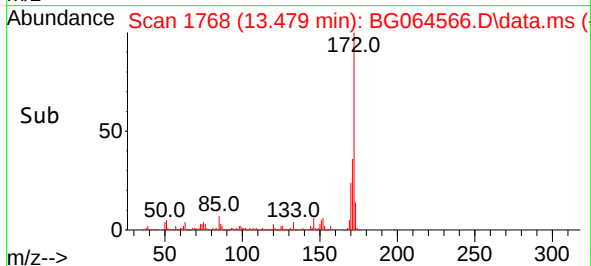
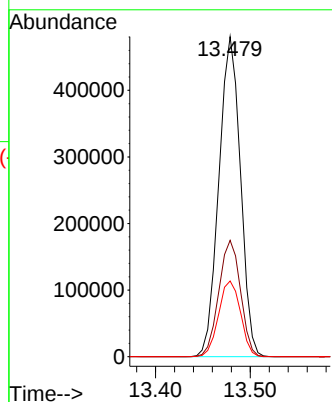
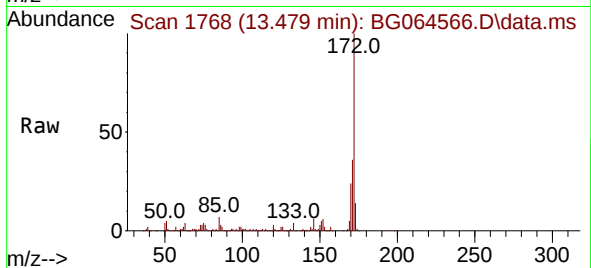
Tgt Ion:172 Resp: 759476

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

170 23.6 20.1 30.1



#46

1,1'-Biphenyl

Concen: 42.378 ng

RT: 13.690 min Scan# 1804

Delta R.T. 0.002 min

Lab File: BG064566.D

Acq: 23 Oct 2025 16:28

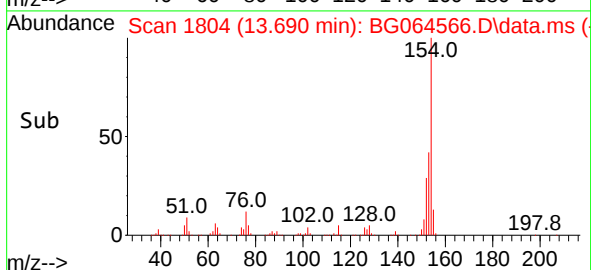
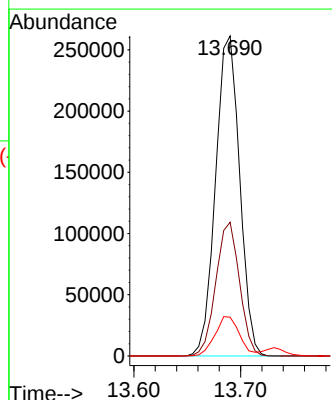
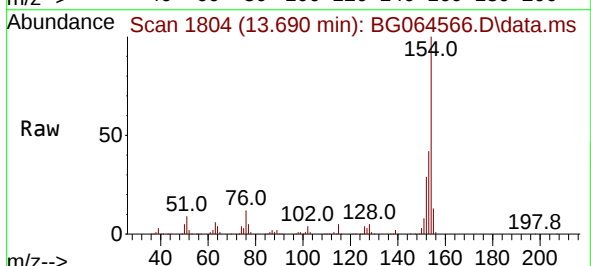
Tgt Ion:154 Resp: 409650

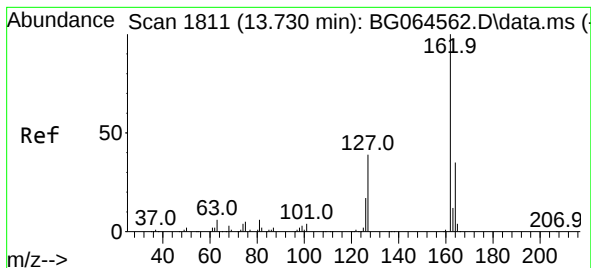
Ion Ratio Lower Upper

154 100

153 41.8 19.9 59.9

76 12.1 0.0 32.0





#47

2-Chloronaphthalene

Concen: 42.630 ng

RT: 13.731 min Scan# 1811

Delta R.T. -0.003 min

Lab File: BG064566.D

Acq: 23 Oct 2025 16:28

Instrument :

BNA_G

ClientSampleId :

ICVBG102325

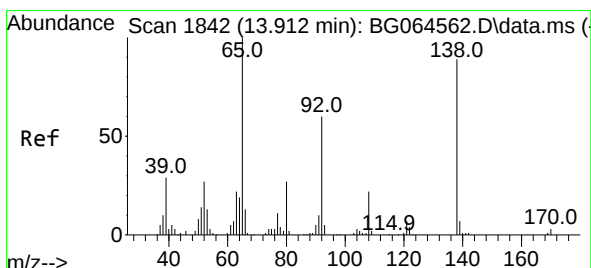
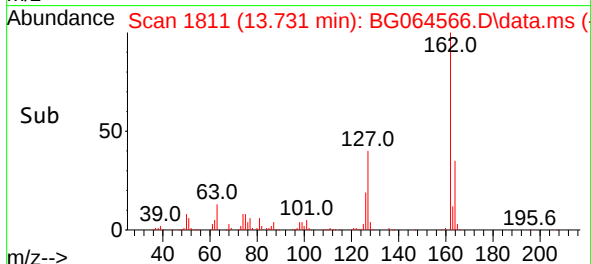
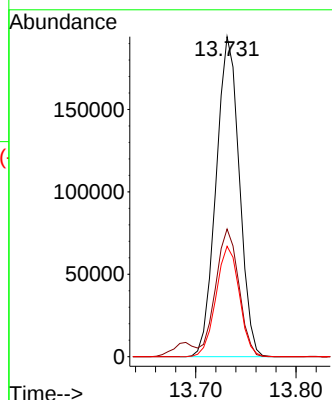
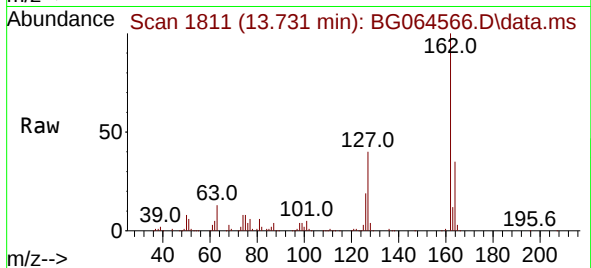
Tgt Ion:162 Resp: 312510

Ion Ratio Lower Upper

162 100

127 39.9 33.7 50.5

164 34.5 28.0 42.0



#48

2-Nitroaniline

Concen: 44.993 ng

RT: 13.913 min Scan# 1842

Delta R.T. -0.004 min

Lab File: BG064566.D

Acq: 23 Oct 2025 16:28

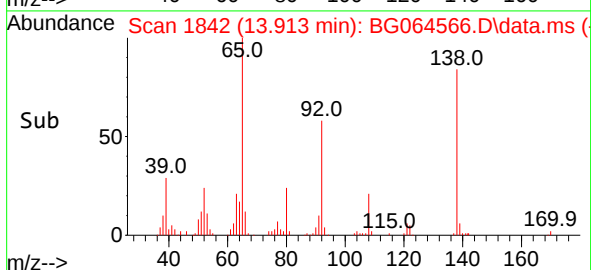
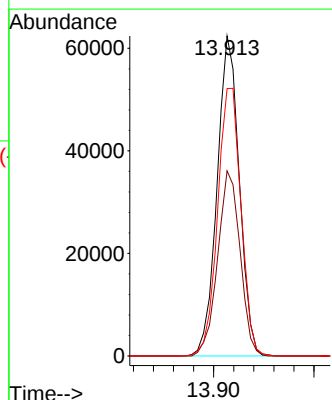
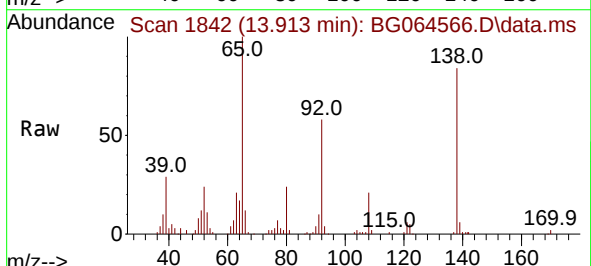
Tgt Ion: 65 Resp: 95735

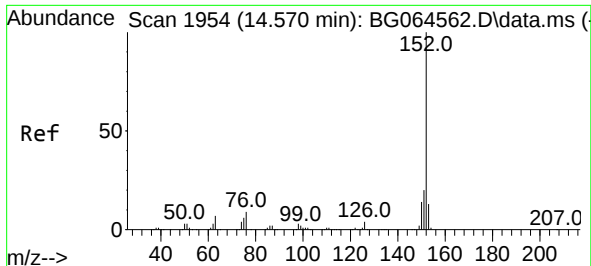
Ion Ratio Lower Upper

65 100

92 57.8 48.2 72.4

138 83.6 71.6 107.4

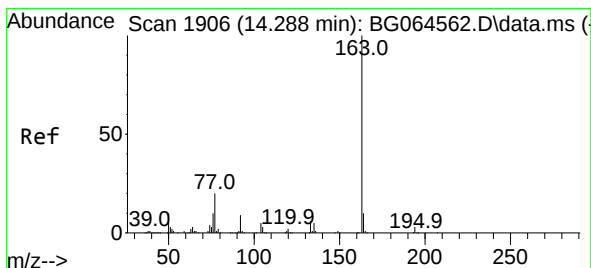
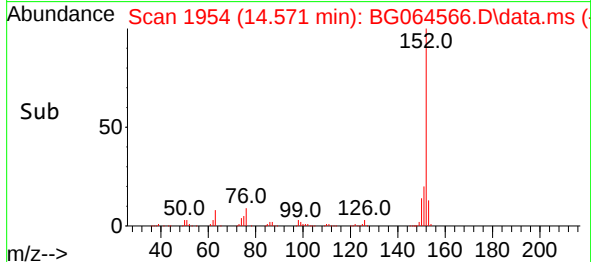
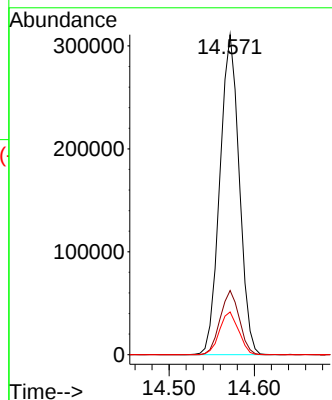
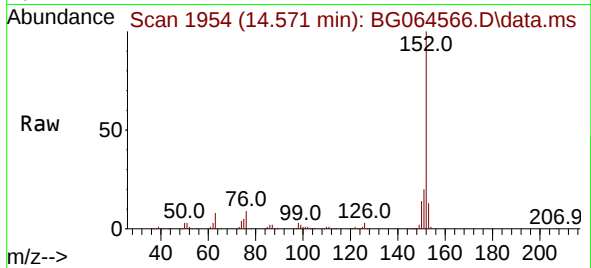




#49
Acenaphthylene
Concen: 41.953 ng
RT: 14.571 min Scan# 1954
Delta R.T. 0.002 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

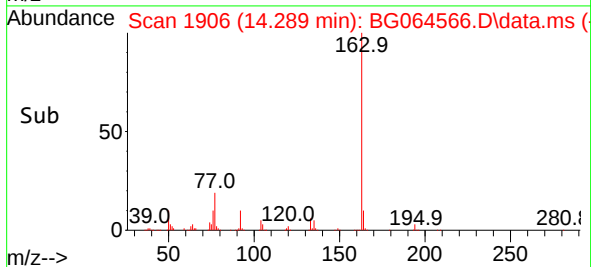
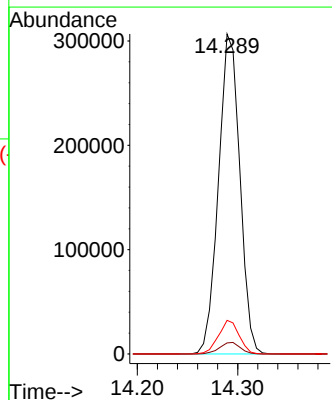
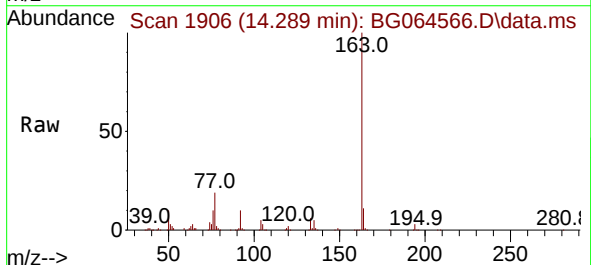
Instrument :
BNA_G
ClientSampleId :
ICVBG102325

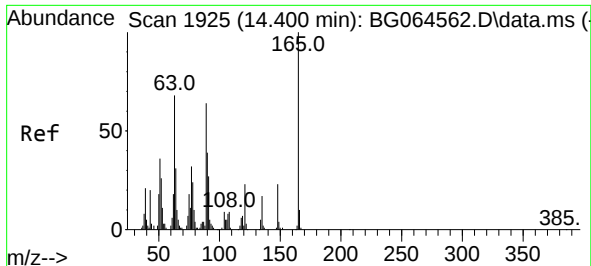
Tgt Ion:152 Resp: 490357
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.3 10.0 15.0



#50
Dimethylphthalate
Concen: 42.607 ng
RT: 14.289 min Scan# 1906
Delta R.T. -0.004 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

Tgt Ion:163 Resp: 453444
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.5 8.1 12.1

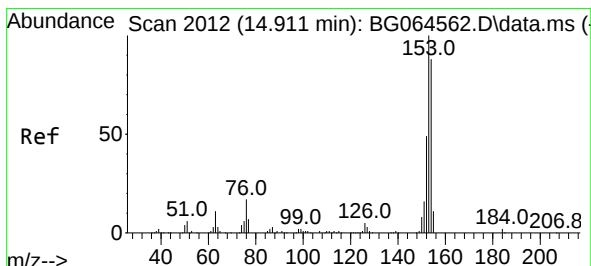
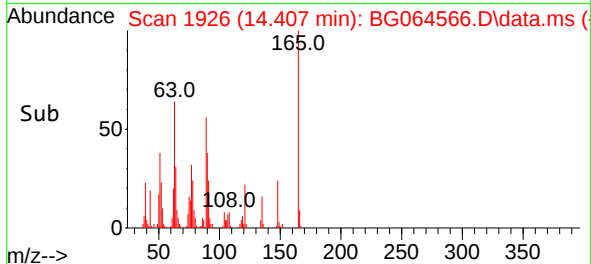
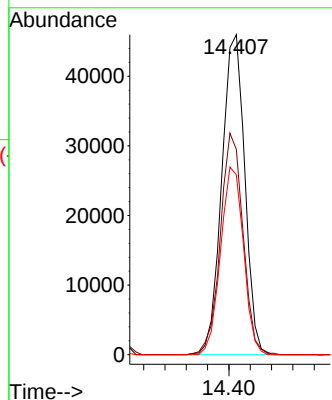
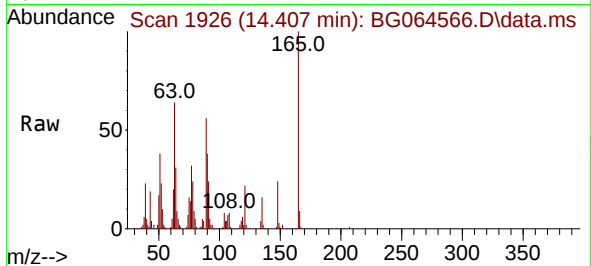




#51
2,6-Dinitrotoluene
Concen: 45.448 ng
RT: 14.407 min Scan# 1925
Delta R.T. 0.002 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

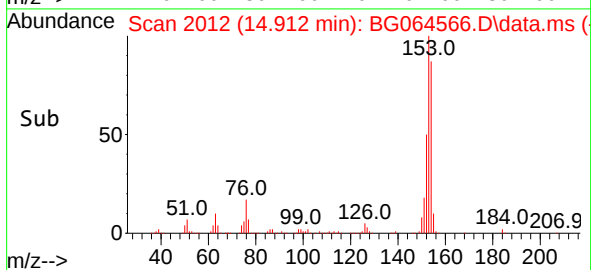
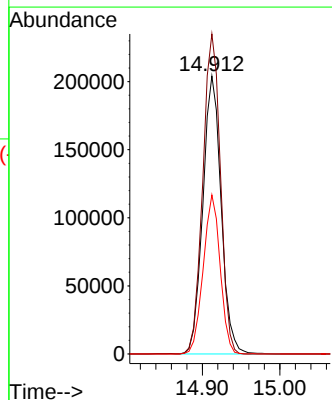
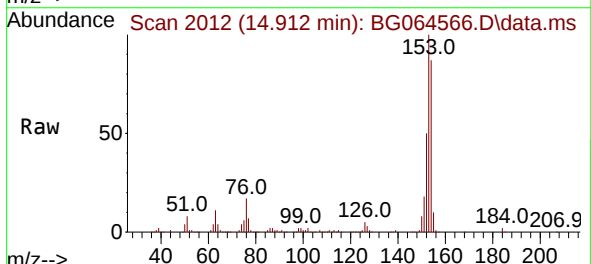
Instrument :
BNA_G
ClientSampleId :
ICVBG102325

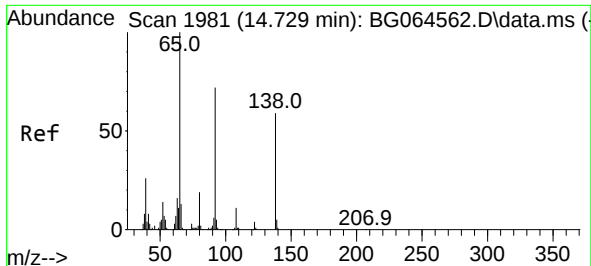
Tgt Ion:165 Resp: 68746
Ion Ratio Lower Upper
165 100
63 64.1 54.6 82.0
89 56.2 50.9 76.3



#52
Acenaphthene
Concen: 42.572 ng
RT: 14.912 min Scan# 2012
Delta R.T. 0.002 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

Tgt Ion:154 Resp: 334127
Ion Ratio Lower Upper
154 100
153 115.1 91.1 136.7
152 57.2 44.4 66.6

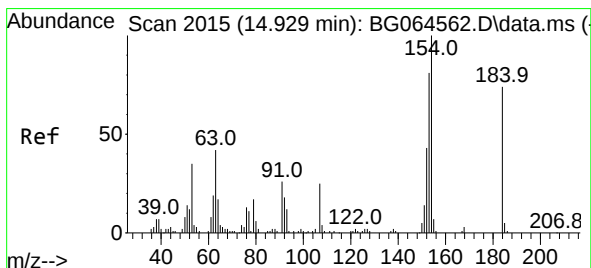
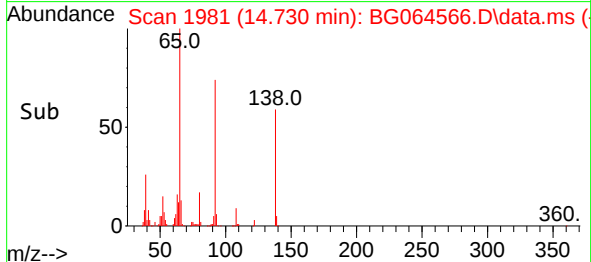
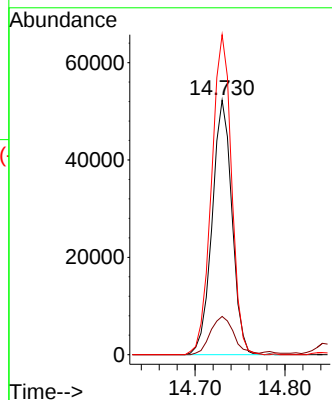
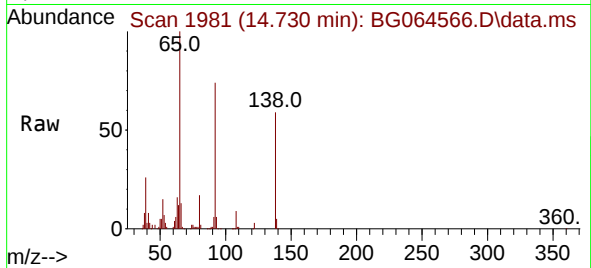




#53
3-Nitroaniline
Concen: 43.670 ng
RT: 14.730 min Scan# 1981
Delta R.T. -0.004 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

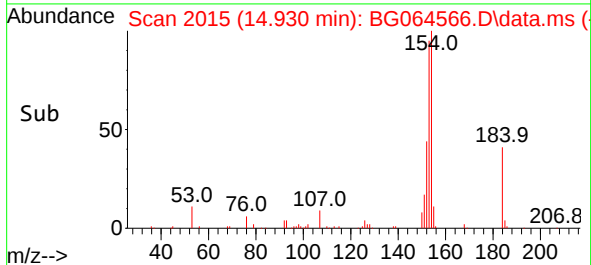
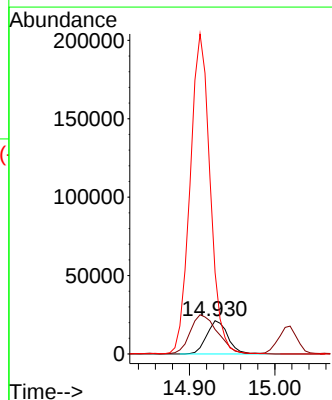
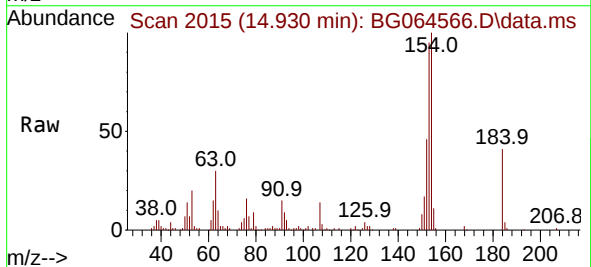
Instrument :
BNA_G
ClientSampleId :
ICVBG102325

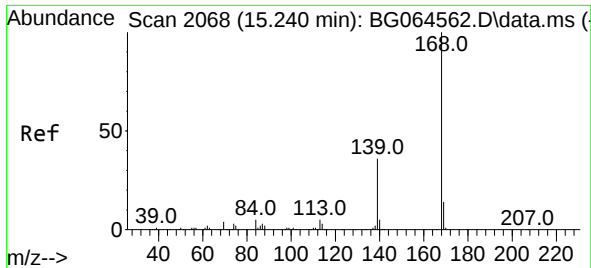
Tgt Ion:138 Resp: 80022
Ion Ratio Lower Upper
138 100
108 15.0 15.3 22.9#
92 125.7 97.8 146.8



#54
2,4-Dinitrophenol
Concen: 45.283 ng
RT: 14.930 min Scan# 2015
Delta R.T. -0.003 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

Tgt Ion:184 Resp: 36809
Ion Ratio Lower Upper
184 100
63 73.6 57.0 85.6
154 244.5 186.6 280.0

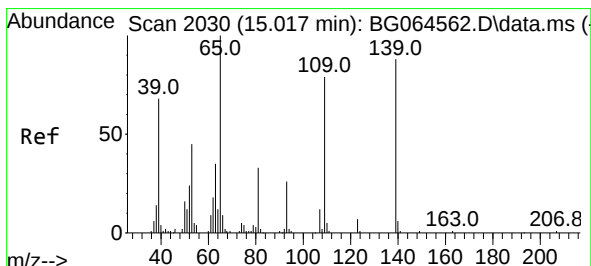
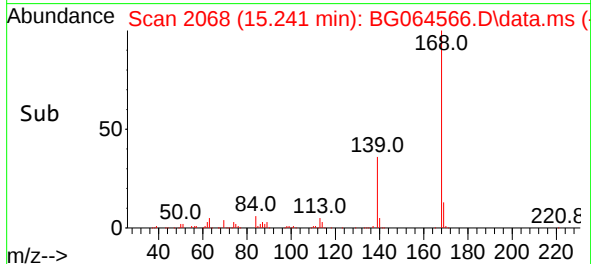
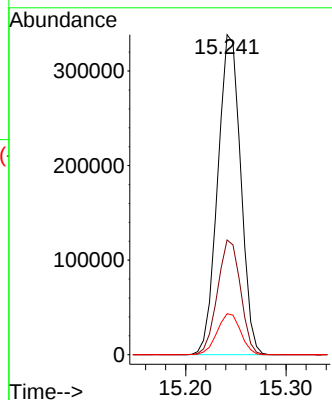
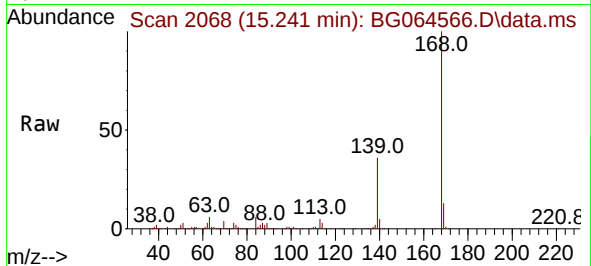




#55
Dibenzofuran
Concen: 42.084 ng
RT: 15.241 min Scan# 2068
Delta R.T. -0.004 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

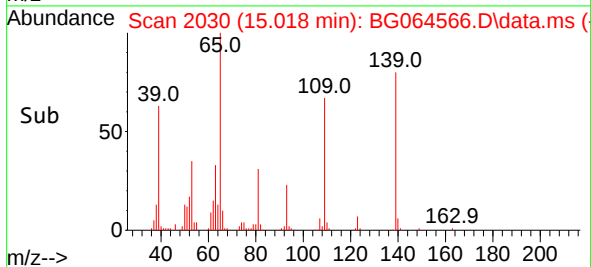
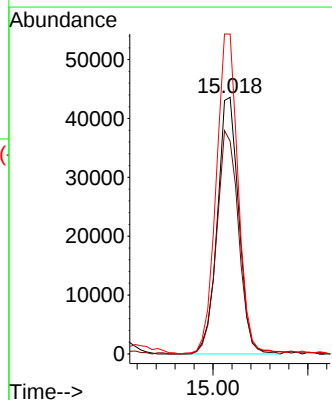
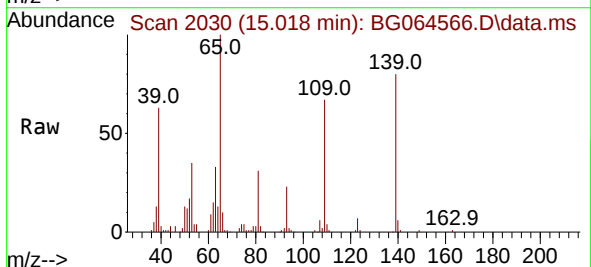
Instrument :
BNA_G
ClientSampleId :
ICVBG102325

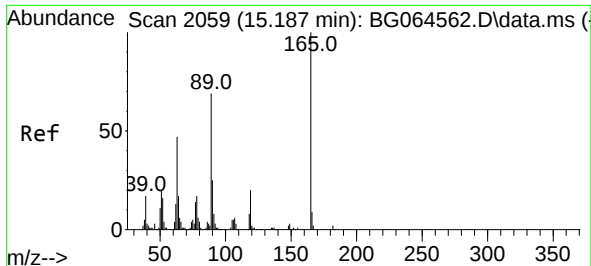
Tgt Ion:168 Resp: 537476
Ion Ratio Lower Upper
168 100
139 35.8 28.8 43.2
169 12.8 10.9 16.3



#56
4-Nitrophenol
Concen: 46.057 ng
RT: 15.018 min Scan# 2030
Delta R.T. -0.003 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

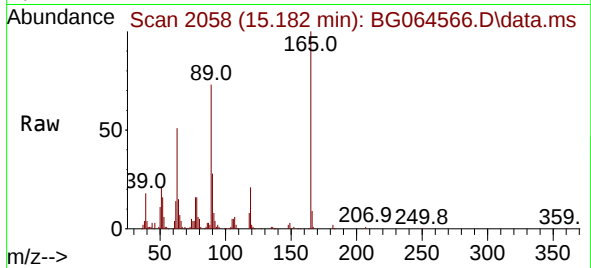
Tgt Ion:139 Resp: 68424
Ion Ratio Lower Upper
139 100
109 82.9 69.1 109.1
65 124.7 93.6 133.6



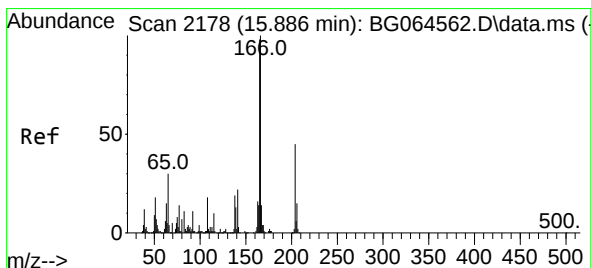
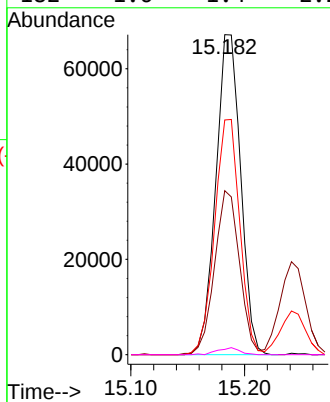
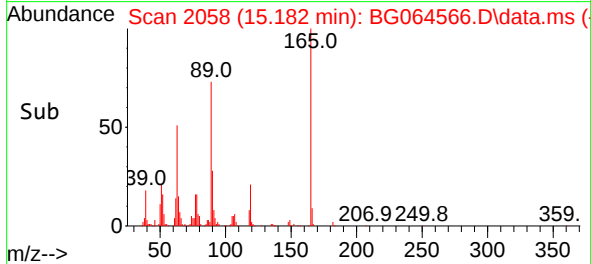


#57
2,4-Dinitrotoluene
Concen: 50.246 ng
RT: 15.182 min Scan# 2058
Delta R.T. -0.004 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

Instrument :
BNA_G
ClientSampleId :
ICVBG102325

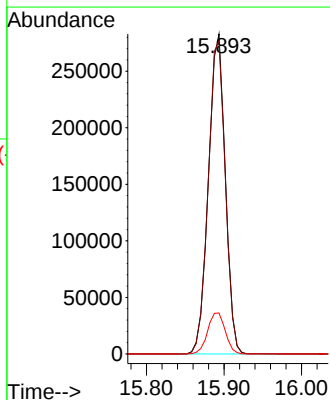
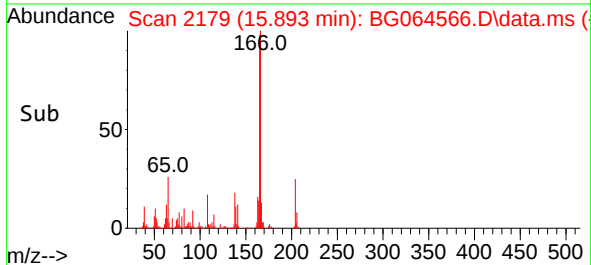
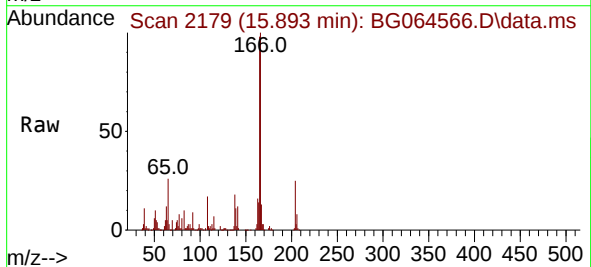


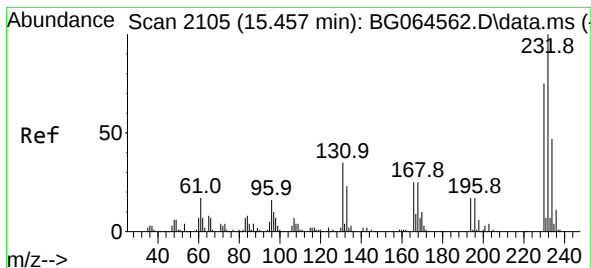
Tgt Ion:165 Resp: 101960
Ion Ratio Lower Upper
165 100
63 51.3 37.8 56.6
89 73.3 55.0 82.4
182 1.6 1.4 2.2



#58
Fluorene
Concen: 42.418 ng
RT: 15.893 min Scan# 2179
Delta R.T. 0.002 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

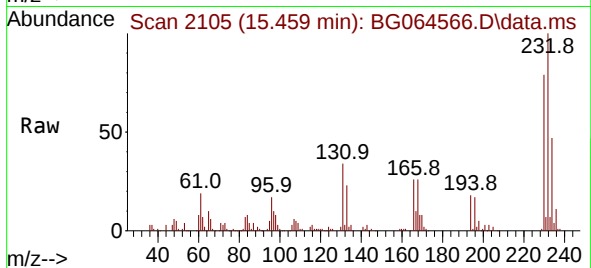
Tgt Ion:166 Resp: 426999
Ion Ratio Lower Upper
166 100
165 97.8 78.5 117.7
167 12.8 11.2 16.8



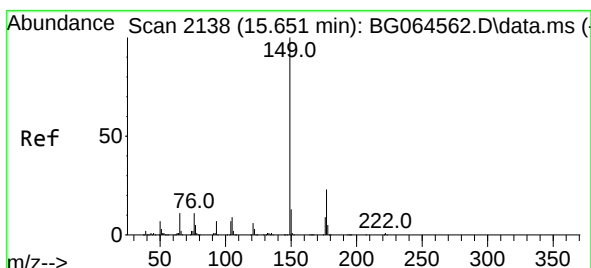
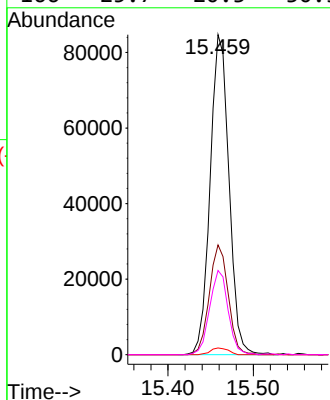
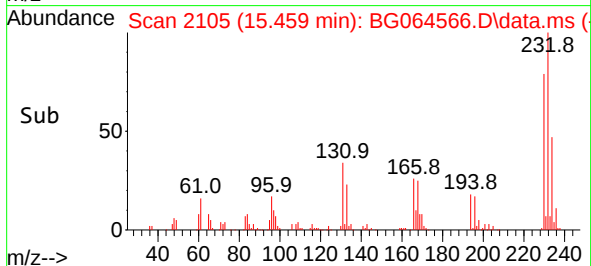


#59
2,3,4,6-Tetrachlorophenol
Concen: 46.931 ng
RT: 15.459 min Scan# 2105
Delta R.T. -0.003 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

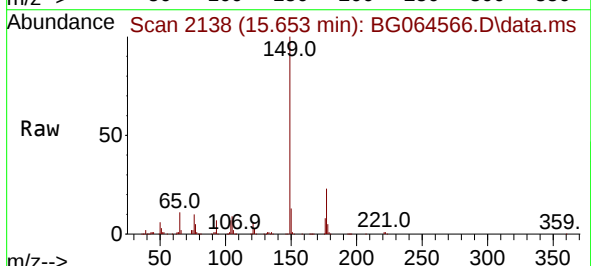
Instrument :
BNA_G
ClientSampleId :
ICVBG102325



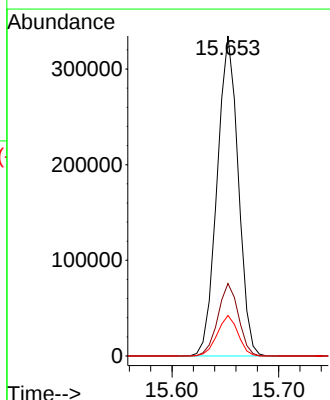
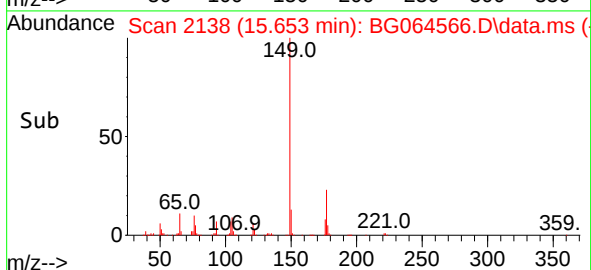
Tgt Ion:232 Resp: 129995
Ion Ratio Lower Upper
232 100
131 34.3 28.0 42.0
130 2.0 1.7 2.5
166 25.7 20.3 30.5

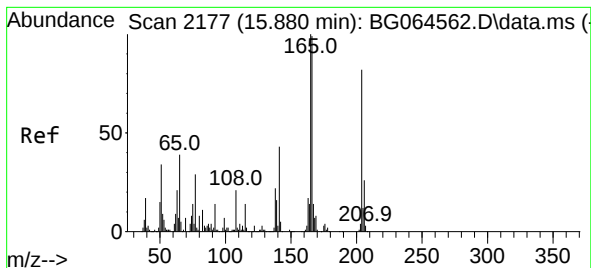


#60
Diethylphthalate
Concen: 42.173 ng
RT: 15.653 min Scan# 2138
Delta R.T. -0.003 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28



Tgt Ion:149 Resp: 459682
Ion Ratio Lower Upper
149 100
177 22.6 18.3 27.5
150 12.7 10.2 15.2

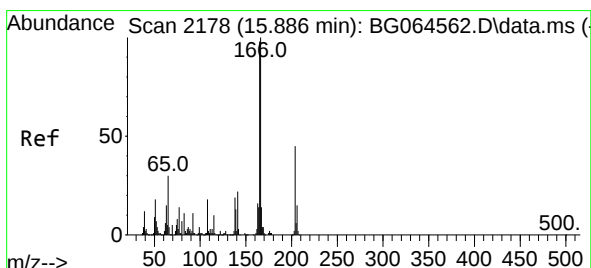
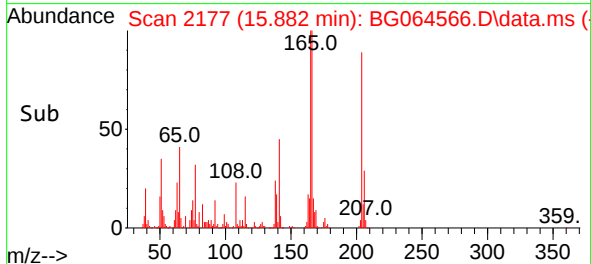
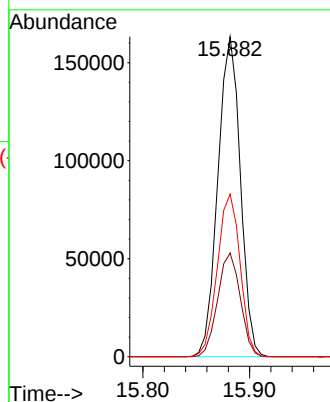
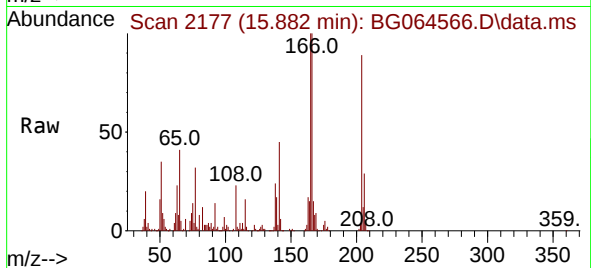




#61
4-Chlorophenyl-phenylether
Concen: 42.846 ng
RT: 15.882 min Scan# 2177
Delta R.T. 0.002 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

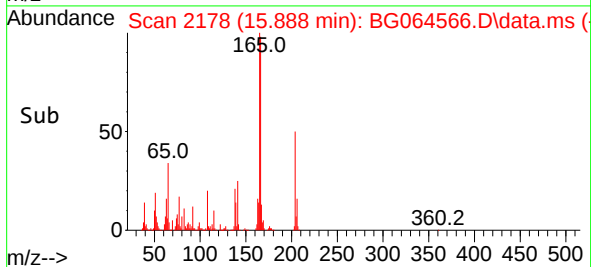
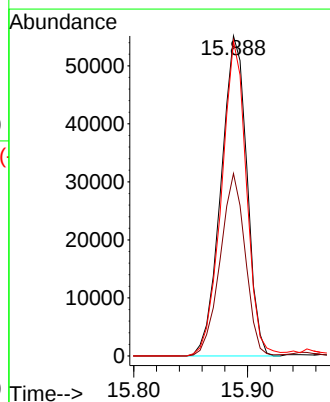
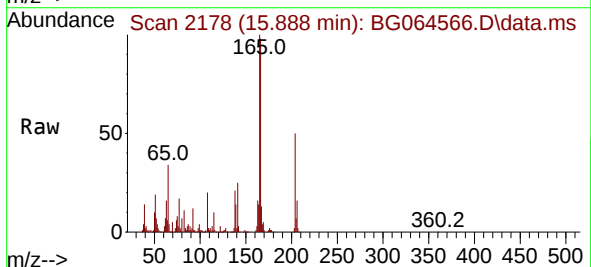
Instrument :
BNA_G
ClientSampleId :
ICVBG102325

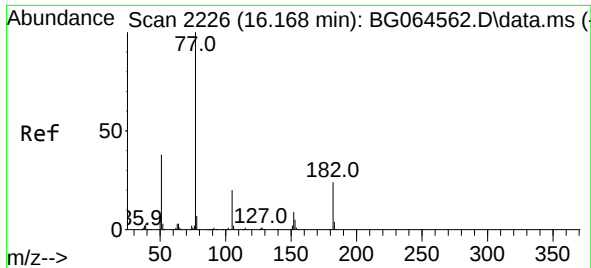
Tgt Ion:204 Resp: 238939
Ion Ratio Lower Upper
204 100
206 32.4 25.1 37.7
141 50.8 41.5 62.3



#62
4-Nitroaniline
Concen: 43.140 ng
RT: 15.888 min Scan# 2178
Delta R.T. -0.009 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

Tgt Ion:138 Resp: 87143
Ion Ratio Lower Upper
138 100
92 57.0 37.2 77.2
108 98.5 76.3 116.3

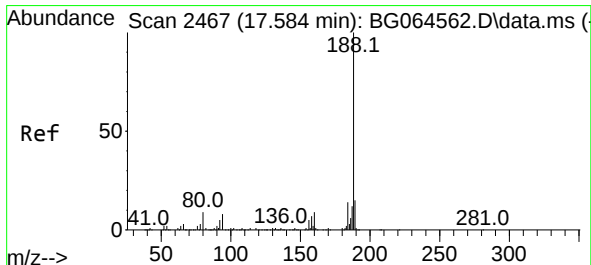
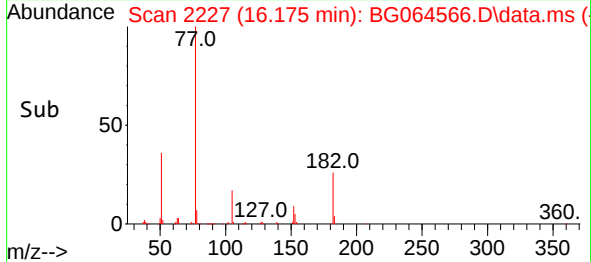
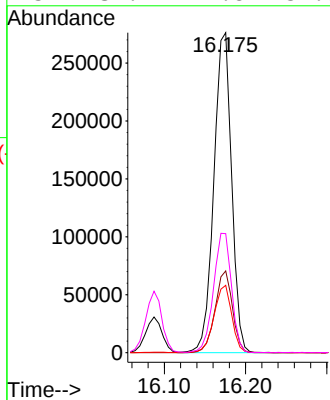
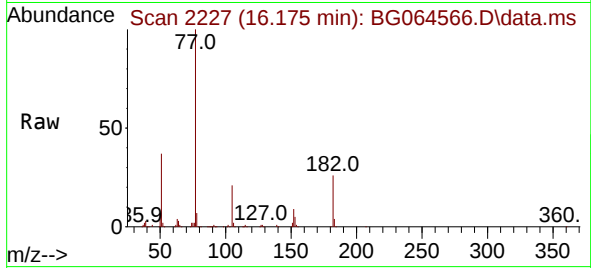




#63
Azobenzene
Concen: 42.188 ng
RT: 16.175 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

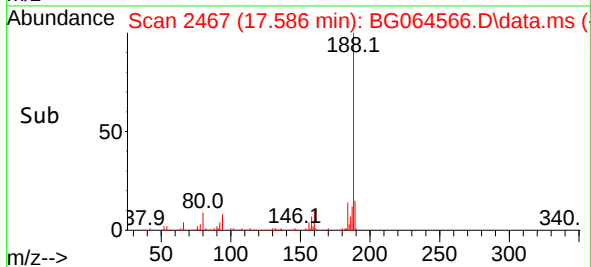
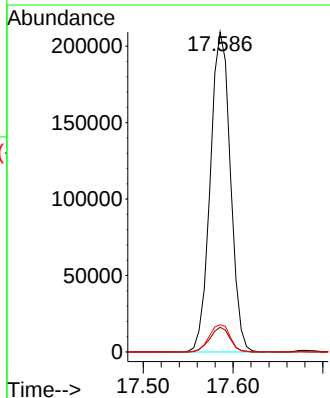
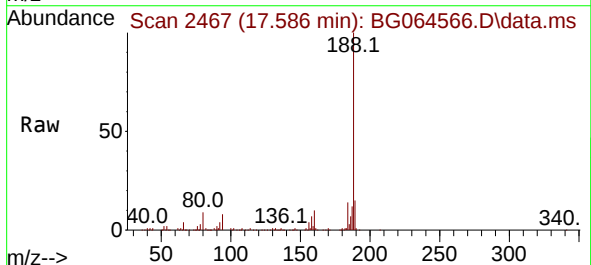
Instrument :
BNA_G
ClientSampleId :
ICVBG102325

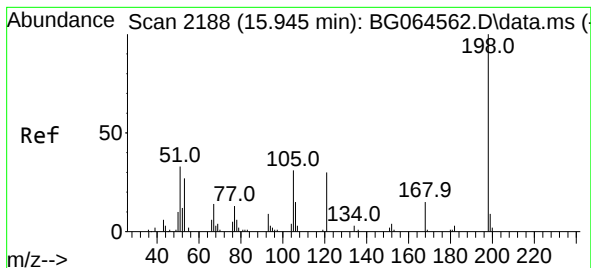
Tgt Ion: 77 Resp: 419744
Ion Ratio Lower Upper
77 100
182 25.6 4.3 44.3
105 21.1 0.2 40.2
51 37.2 17.8 57.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.586 min Scan# 2467
Delta R.T. 0.002 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

Tgt Ion:188 Resp: 325986
Ion Ratio Lower Upper
188 100
94 7.7 6.4 9.6
80 8.5 7.3 10.9

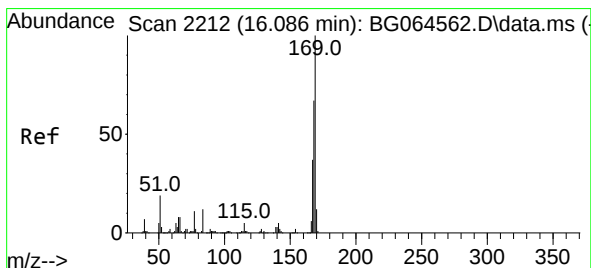
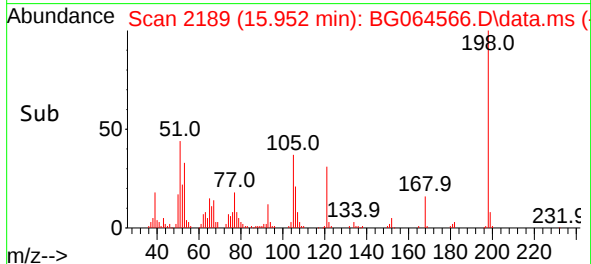
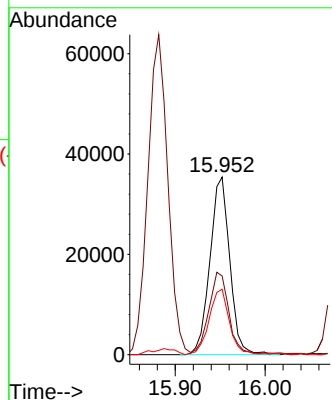
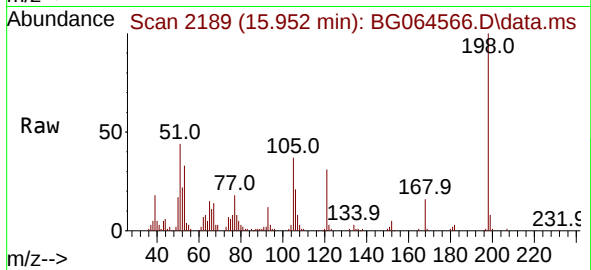




#65
4,6-Dinitro-2-methylphenol
Concen: 45.146 ng
RT: 15.952 min Scan# 2188
Delta R.T. 0.002 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

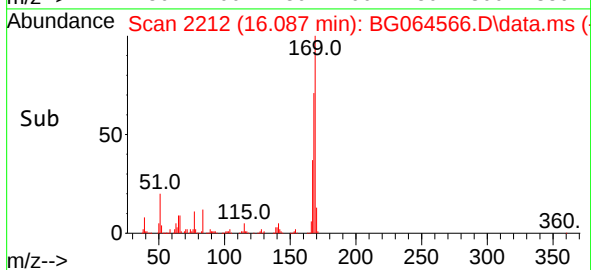
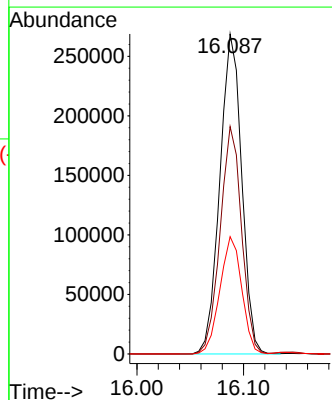
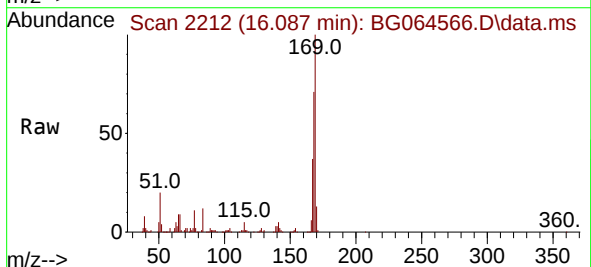
Instrument :
BNA_G
ClientSampleId :
ICVBG102325

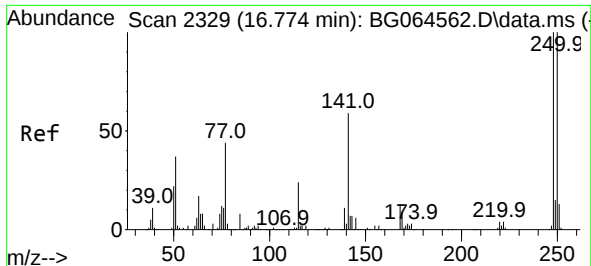
Tgt Ion:198 Resp: 54223
Ion Ratio Lower Upper
198 100
51 44.3 26.5 66.5
105 36.8 12.5 52.5



#66
n-Nitrosodiphenylamine
Concen: 42.931 ng
RT: 16.087 min Scan# 2212
Delta R.T. -0.003 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

Tgt Ion:169 Resp: 381790
Ion Ratio Lower Upper
169 100
168 71.1 53.7 80.5
167 36.6 29.5 44.3

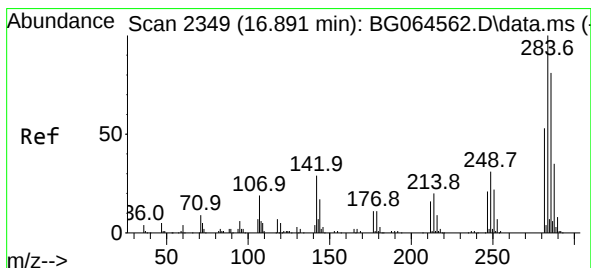
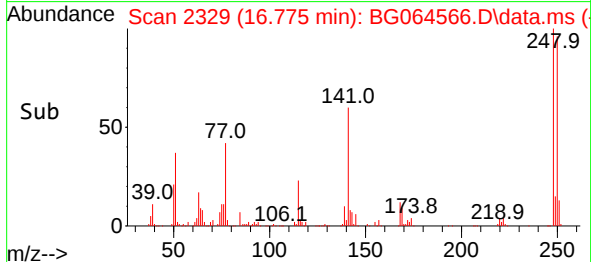
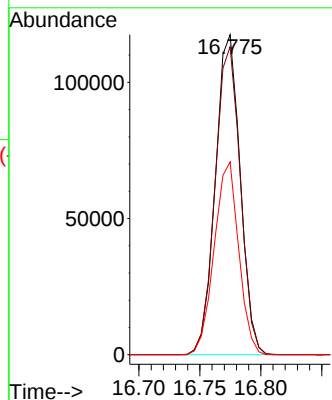
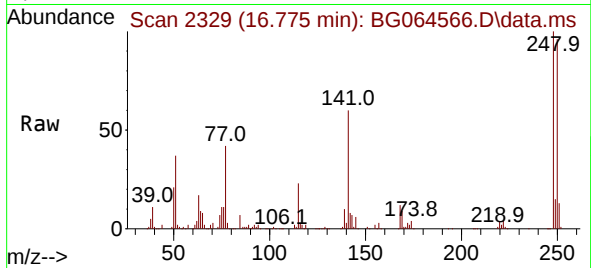




#67
4-Bromophenyl-phenylether
Concen: 43.452 ng
RT: 16.775 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

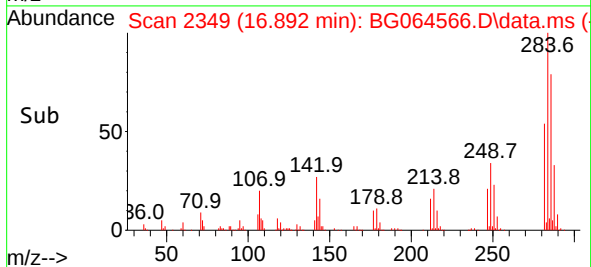
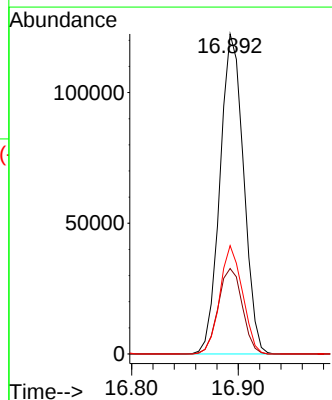
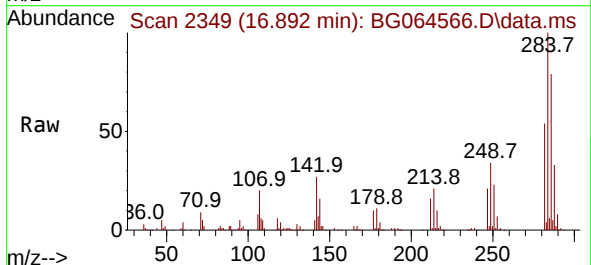
Instrument :
BNA_G
ClientSampleId :
ICVBG102325

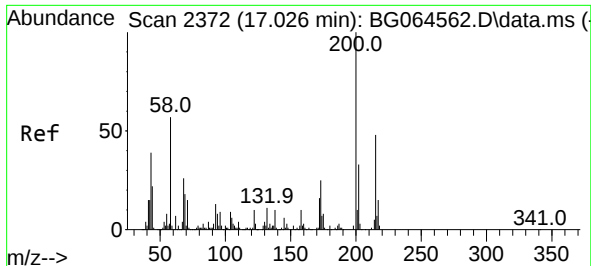
Tgt Ion:248 Resp: 166649
Ion Ratio Lower Upper
248 100
250 96.3 79.9 119.9
141 60.2 47.5 71.3



#68
Hexachlorobenzene
Concen: 43.517 ng
RT: 16.892 min Scan# 2349
Delta R.T. -0.003 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

Tgt Ion:284 Resp: 188096
Ion Ratio Lower Upper
284 100
142 26.7 23.3 34.9
249 35.9 26.8 40.2

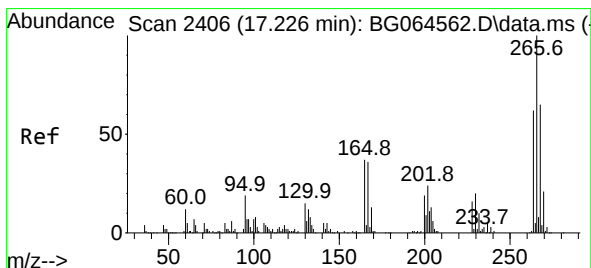
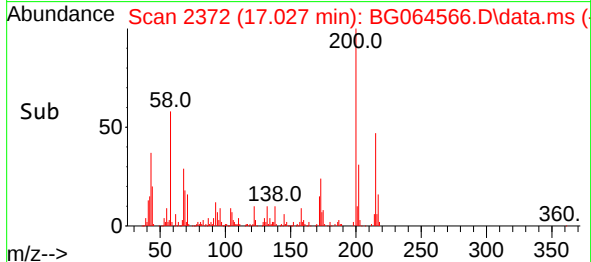
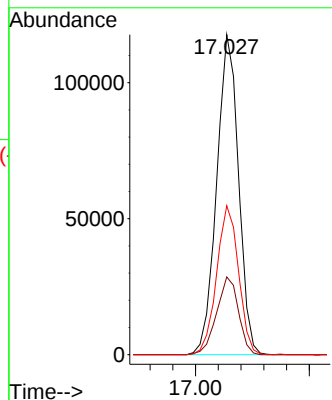
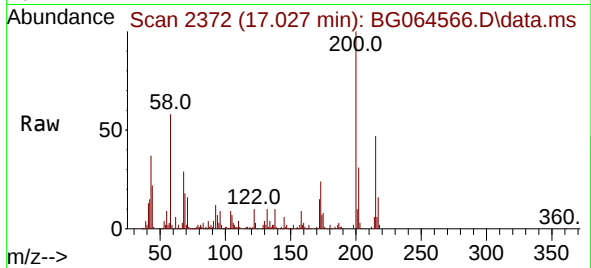




#69
 Atrazine
 Concen: 42.394 ng
 RT: 17.027 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG064566.D
 Acq: 23 Oct 2025 16:28

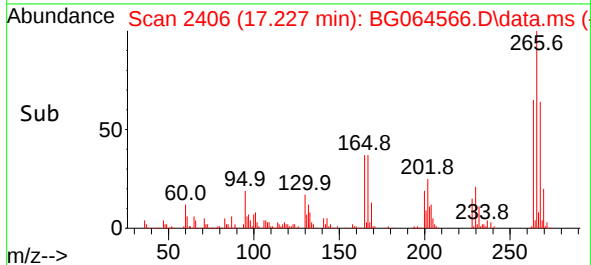
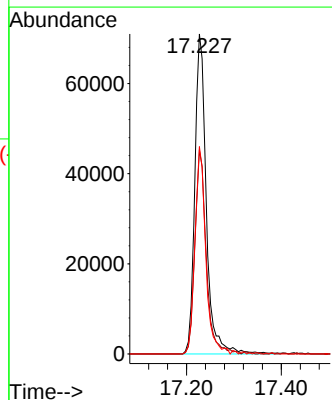
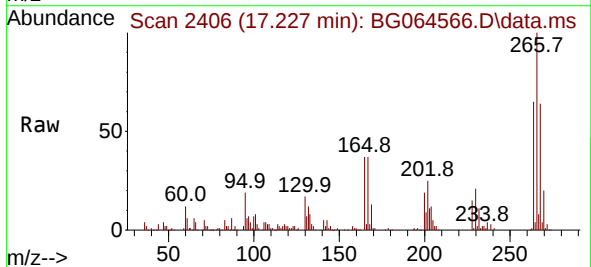
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG102325

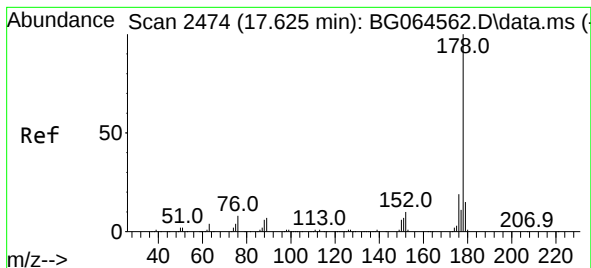
Tgt Ion:200 Resp: 156486
 Ion Ratio Lower Upper
 200 100
 173 24.3 4.8 44.8
 215 46.5 28.5 68.5



#70
 Pentachlorophenol
 Concen: 46.649 ng
 RT: 17.227 min Scan# 2406
 Delta R.T. 0.002 min
 Lab File: BG064566.D
 Acq: 23 Oct 2025 16:28

Tgt Ion:266 Resp: 120045
 Ion Ratio Lower Upper
 266 100
 268 63.7 55.3 82.9
 264 69.3 49.5 74.3





#71

Phenanthrene

Concen: 42.531 ng

RT: 17.627 min Scan# 2474

Delta R.T. -0.003 min

Lab File: BG064566.D

Acq: 23 Oct 2025 16:28

Instrument :

BNA_G

ClientSampleId :

ICVBG102325

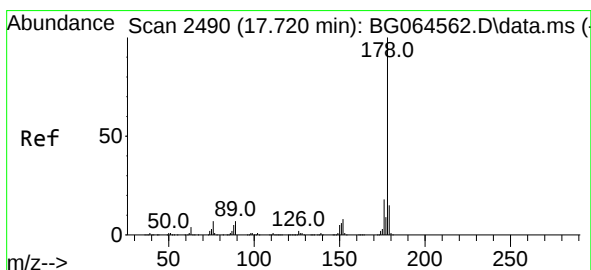
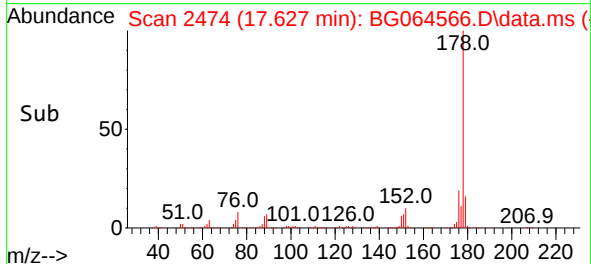
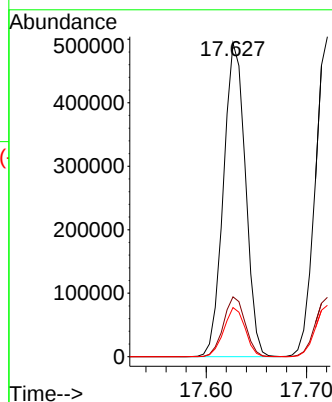
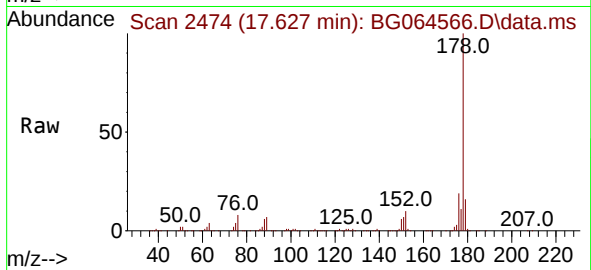
Tgt Ion:178 Resp: 749443

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.7 11.9 17.9



#72

Anthracene

Concen: 42.449 ng

RT: 17.721 min Scan# 2490

Delta R.T. 0.002 min

Lab File: BG064566.D

Acq: 23 Oct 2025 16:28

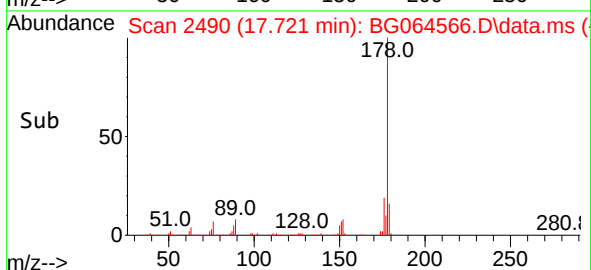
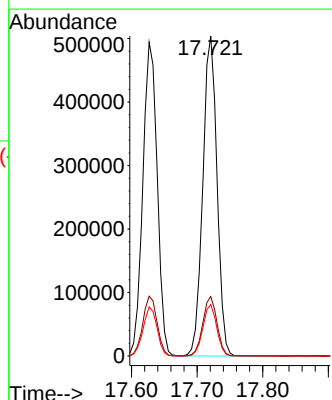
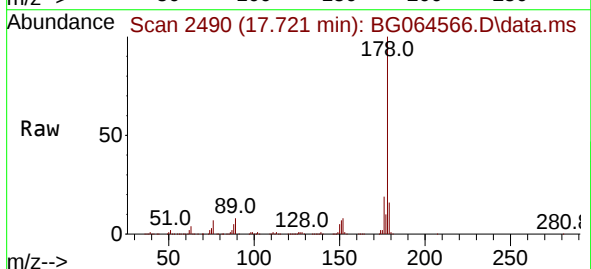
Tgt Ion:178 Resp: 759560

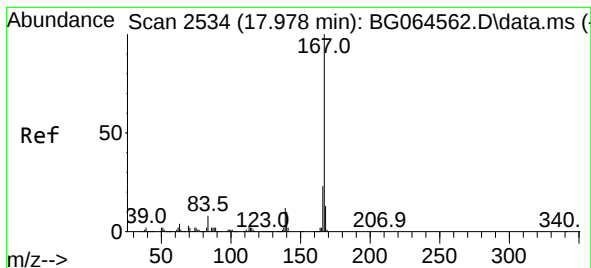
Ion Ratio Lower Upper

178 100

176 18.5 14.3 21.5

179 16.1 12.2 18.4





#73

Carbazole

Concen: 42.522 ng

RT: 17.979 min Scan# 2534

Delta R.T. 0.002 min

Lab File: BG064566.D

Acq: 23 Oct 2025 16:28

Instrument :

BNA_G

ClientSampleId :

ICVBG102325

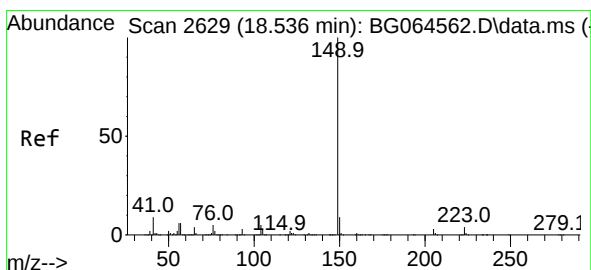
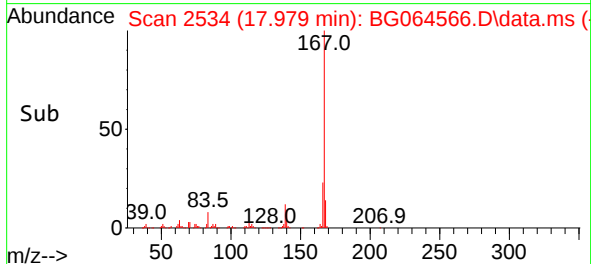
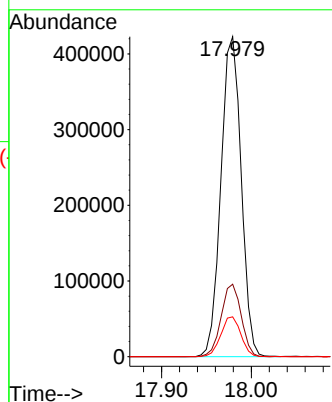
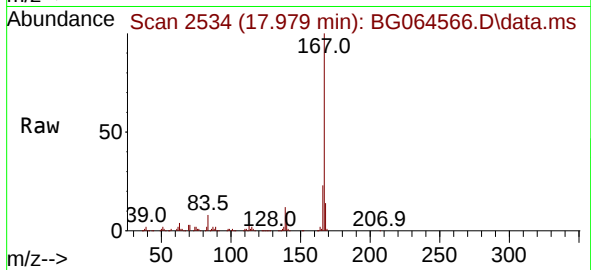
Tgt Ion:167 Resp: 662146

Ion Ratio Lower Upper

167 100

166 22.7 18.1 27.1

139 12.5 10.0 15.0



#74

Di-n-butylphthalate

Concen: 43.598 ng

RT: 18.537 min Scan# 2629

Delta R.T. -0.003 min

Lab File: BG064566.D

Acq: 23 Oct 2025 16:28

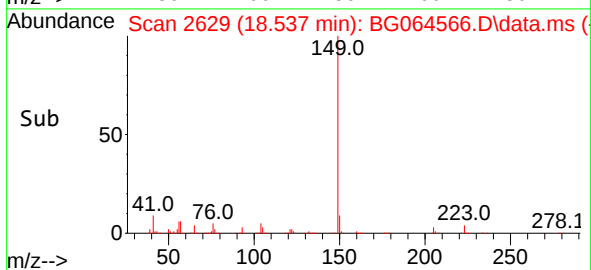
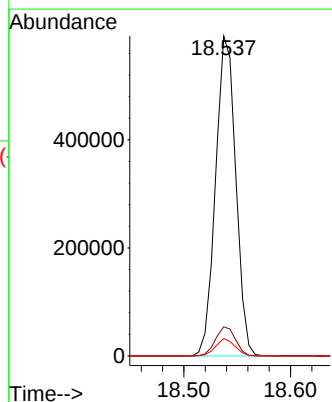
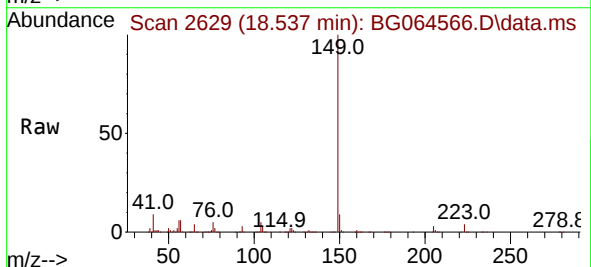
Tgt Ion:149 Resp: 778545

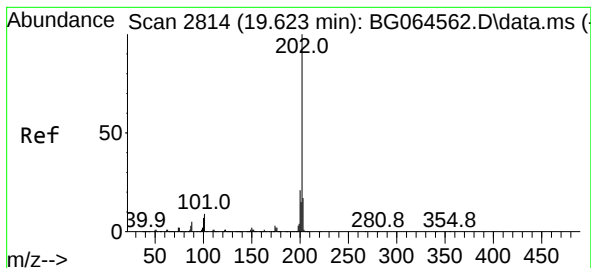
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.5 4.2 6.2





#75

Fluoranthene

Concen: 42.026 ng

RT: 19.624 min Scan# 2

Delta R.T. 0.002 min

Lab File: BG064566.D

Acq: 23 Oct 2025 16:28

Instrument :

BNA_G

ClientSampleId :

ICVBG102325

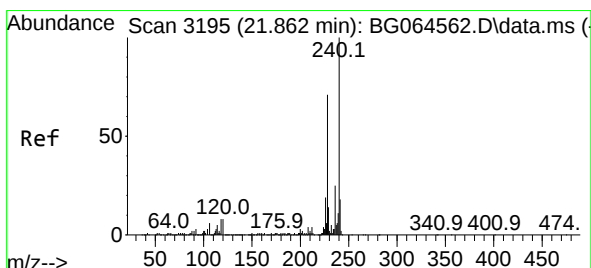
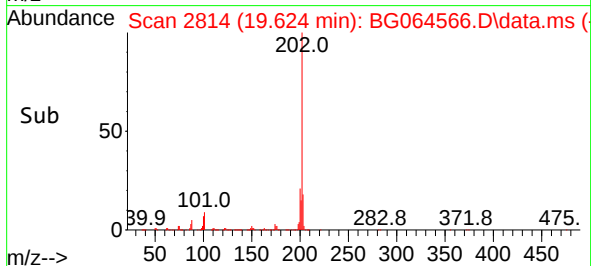
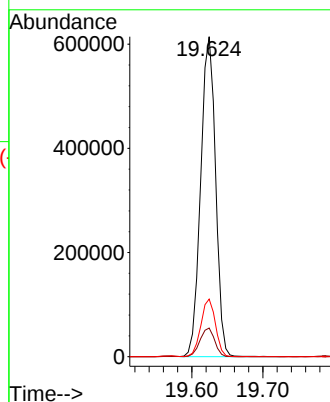
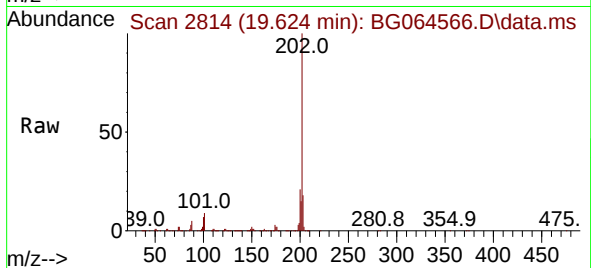
Tgt Ion:202 Resp: 898146

Ion Ratio Lower Upper

202 100

101 9.0 0.0 28.7

203 18.0 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.863 min Scan# 3195

Delta R.T. -0.003 min

Lab File: BG064566.D

Acq: 23 Oct 2025 16:28

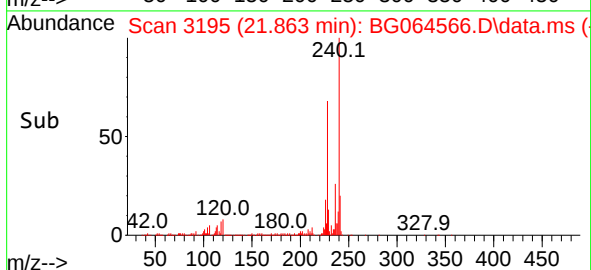
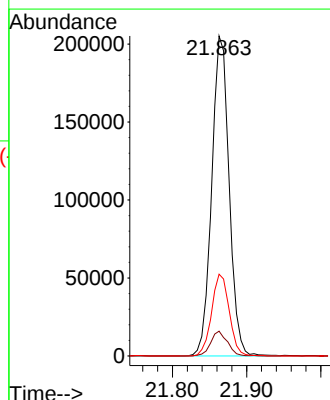
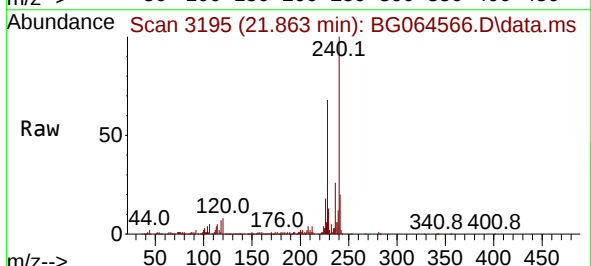
Tgt Ion:240 Resp: 334120

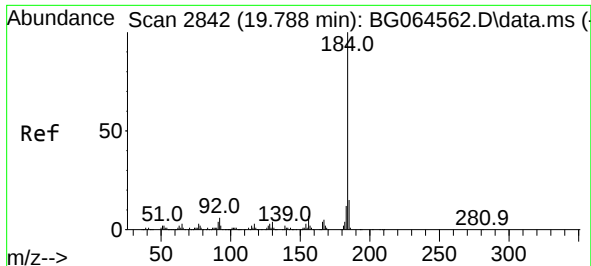
Ion Ratio Lower Upper

240 100

120 7.8 6.2 9.2

236 25.6 20.2 30.4

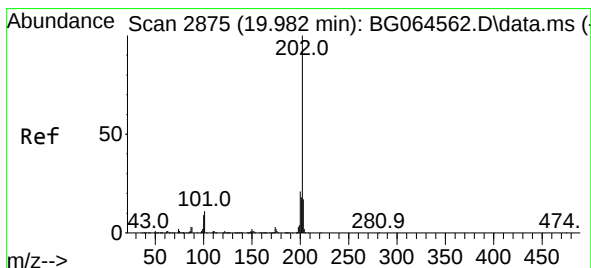
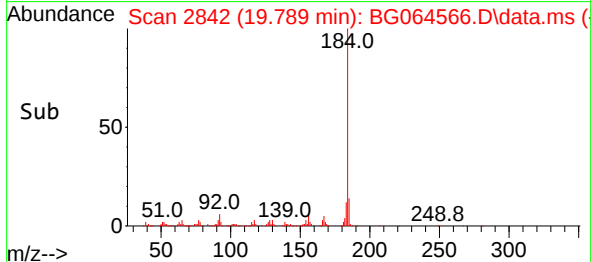
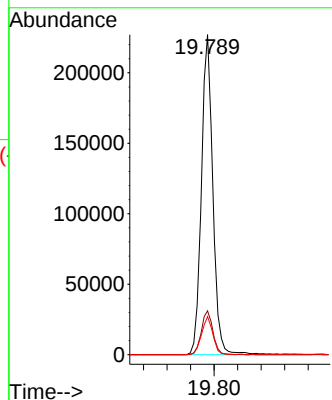
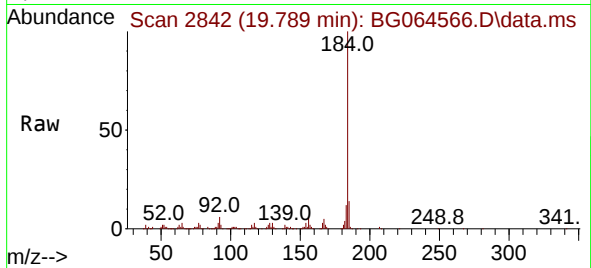




#77
Benzidine
Concen: 38.461 ng
RT: 19.789 min Scan# 2842
Delta R.T. 0.002 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

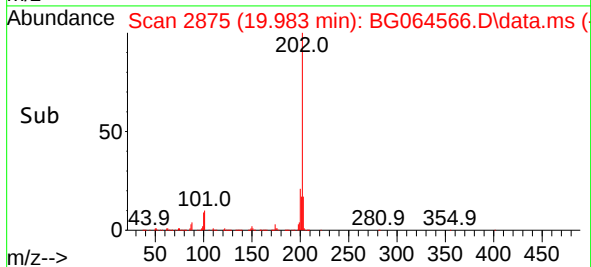
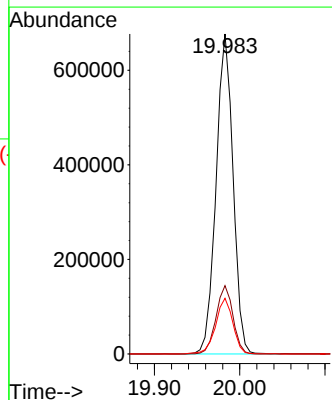
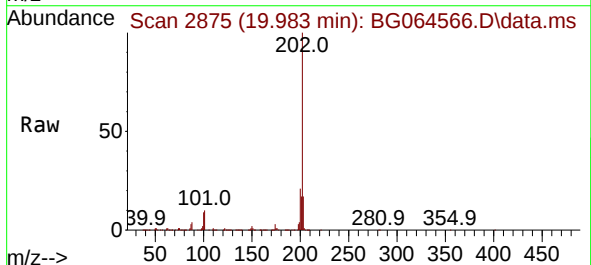
Instrument :
BNA_G
ClientSampleId :
ICVBG102325

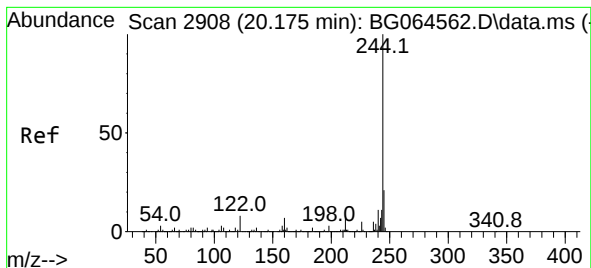
Tgt Ion:184 Resp: 306595
Ion Ratio Lower Upper
184 100
185 13.7 12.0 18.0
183 11.9 9.7 14.5



#78
Pyrene
Concen: 43.010 ng
RT: 19.983 min Scan# 2875
Delta R.T. 0.002 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

Tgt Ion:202 Resp: 936805
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.6
203 17.4 14.0 21.0





#79

Terphenyl-d14

Concen: 86.765 ng

RT: 20.177 min Scan# 2908

Delta R.T. -0.003 min

Lab File: BG064566.D

Acq: 23 Oct 2025 16:28

Instrument :

BNA_G

ClientSampleId :

ICVBG102325

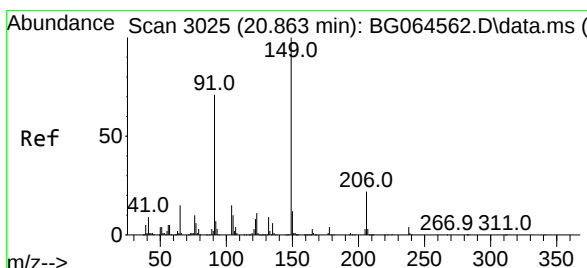
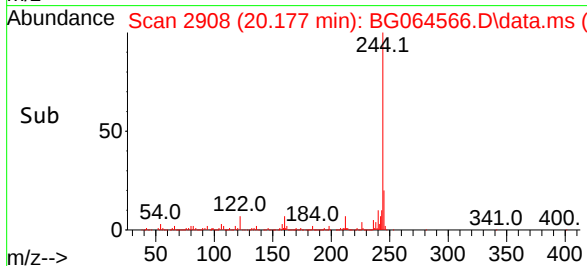
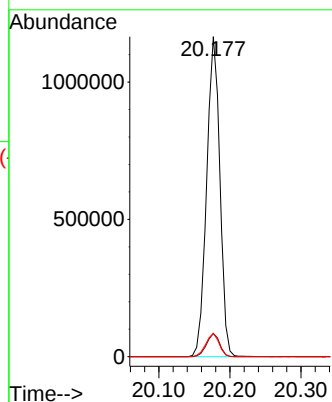
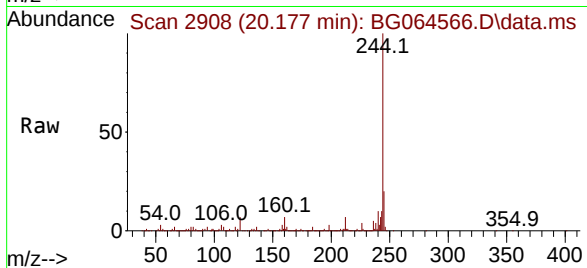
Tgt Ion:244 Resp: 1509899

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 7.3 6.1 9.1



#80

Butylbenzylphthalate

Concen: 47.116 ng

RT: 20.864 min Scan# 3025

Delta R.T. 0.002 min

Lab File: BG064566.D

Acq: 23 Oct 2025 16:28

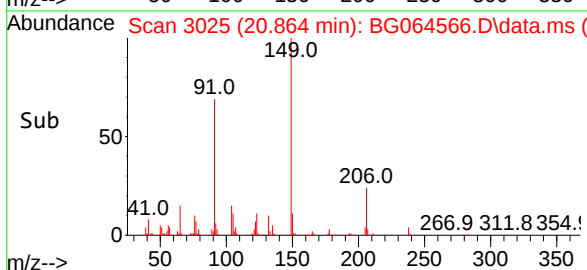
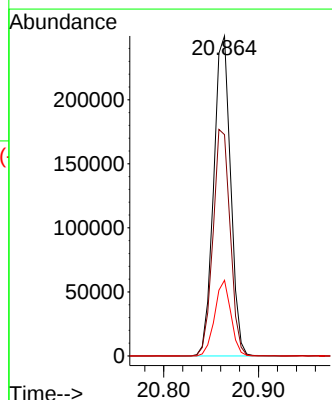
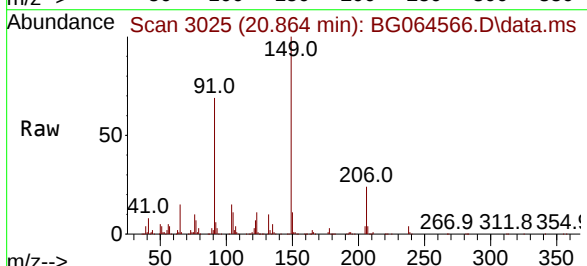
Tgt Ion:149 Resp: 309734

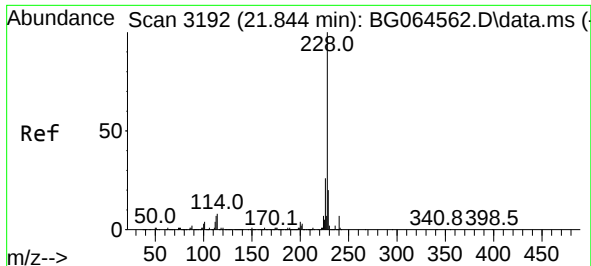
Ion Ratio Lower Upper

149 100

91 69.2 56.6 84.8

206 23.6 17.4 26.0

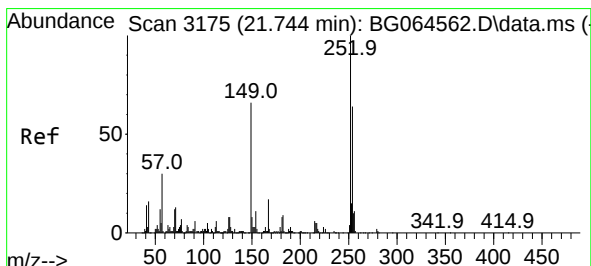
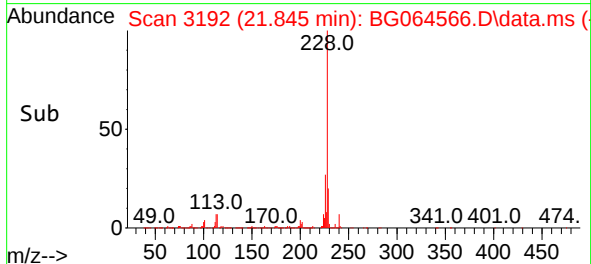
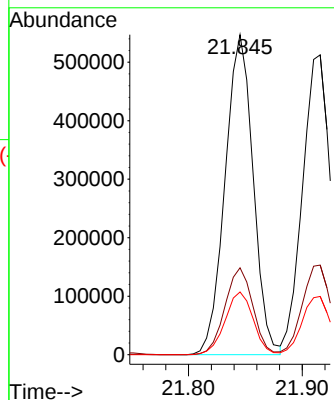
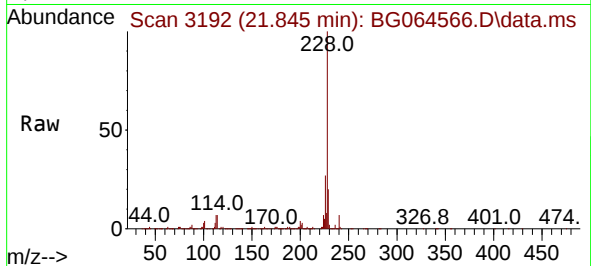




#81
Benzo(a)anthracene
Concen: 42.723 ng
RT: 21.845 min Scan# 3192
Delta R.T. 0.002 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

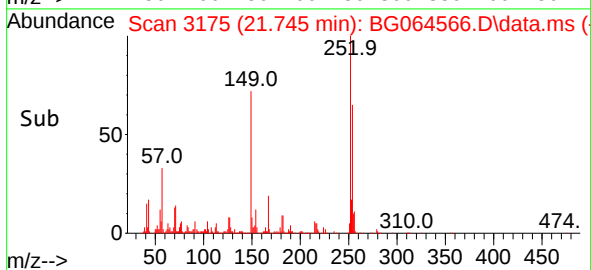
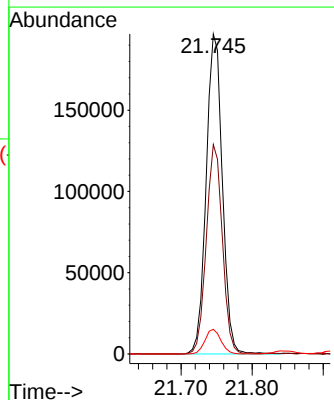
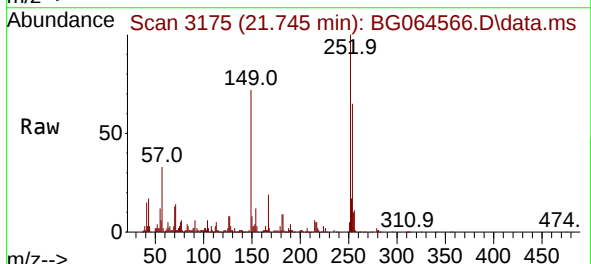
Instrument :
BNA_G
ClientSampleId :
ICVBG102325

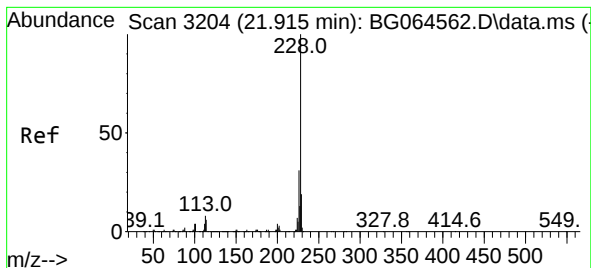
Tgt Ion:228 Resp: 940066
Ion Ratio Lower Upper
228 100
226 27.2 21.2 31.8
229 19.6 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 42.787 ng
RT: 21.745 min Scan# 3175
Delta R.T. -0.003 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

Tgt Ion:252 Resp: 312035
Ion Ratio Lower Upper
252 100
254 65.5 51.0 76.6
126 7.7 6.2 9.4





#83

Chrysene

Concen: 42.741 ng

RT: 21.916 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG064566.D

Acq: 23 Oct 2025 16:28

Instrument :

BNA_G

ClientSampleId :

ICVBG102325

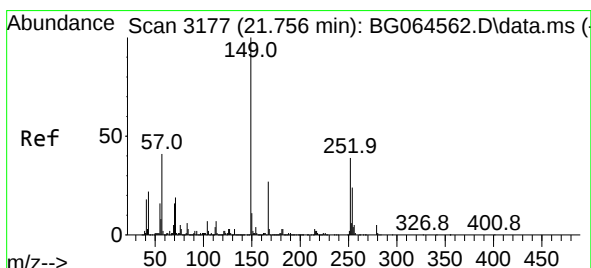
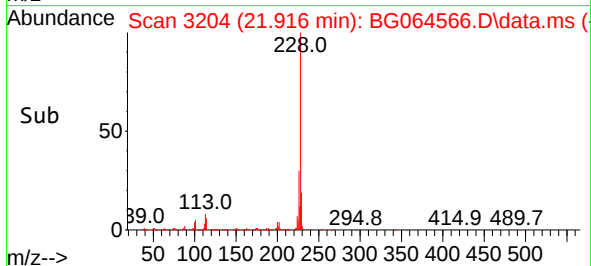
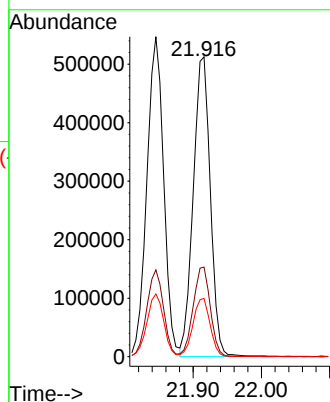
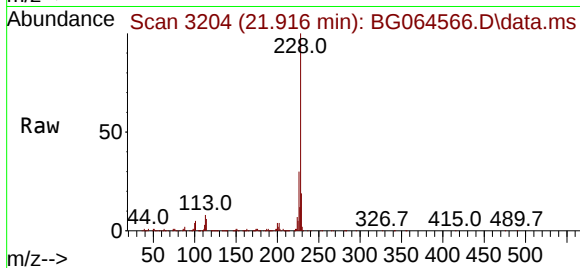
Tgt Ion:228 Resp: 887118

Ion Ratio Lower Upper

228 100

226 29.9 24.4 36.6

229 19.4 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.771 ng

RT: 21.757 min Scan# 3177

Delta R.T. 0.002 min

Lab File: BG064566.D

Acq: 23 Oct 2025 16:28

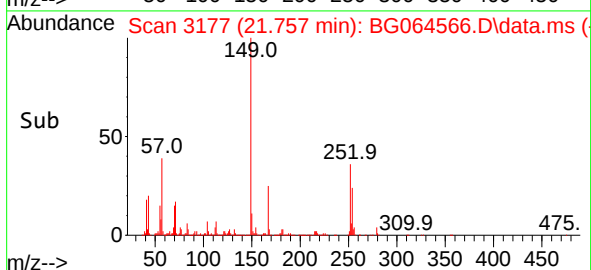
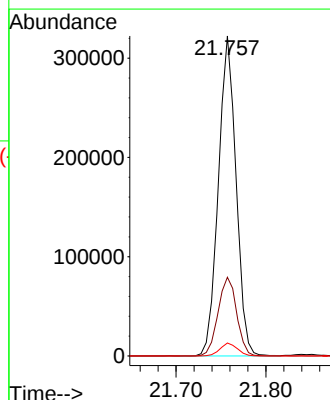
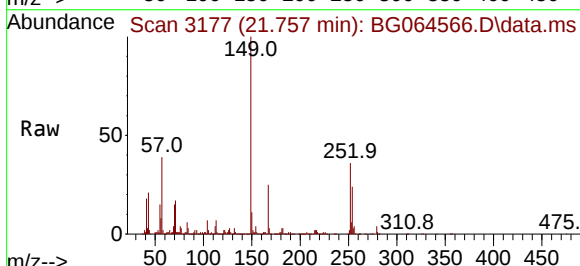
Tgt Ion:149 Resp: 440441

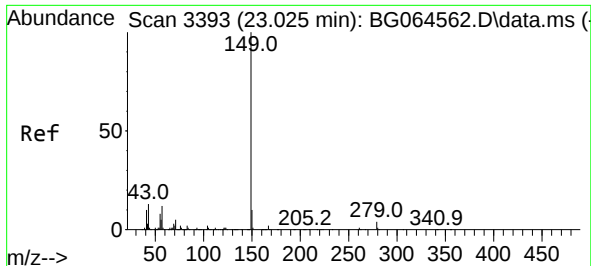
Ion Ratio Lower Upper

149 100

167 24.6 21.4 32.2

279 4.1 3.6 5.4

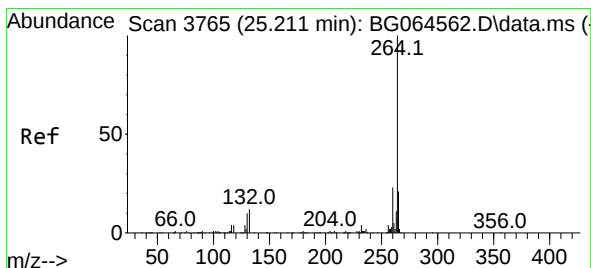
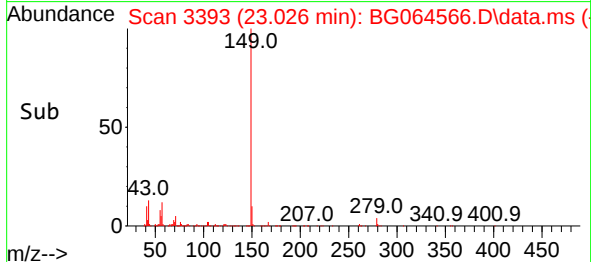
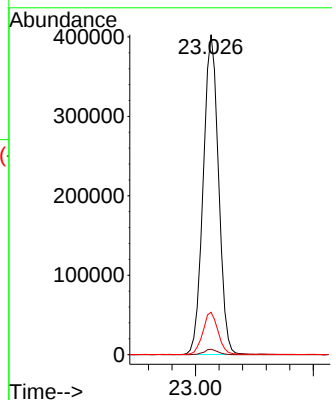
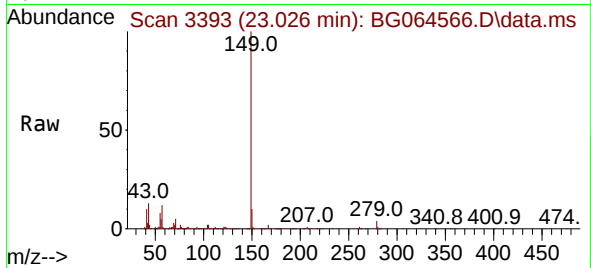




#85
Di-n-octyl phthalate
Concen: 44.149 ng
RT: 23.026 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

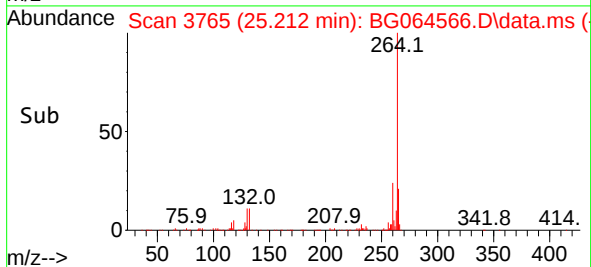
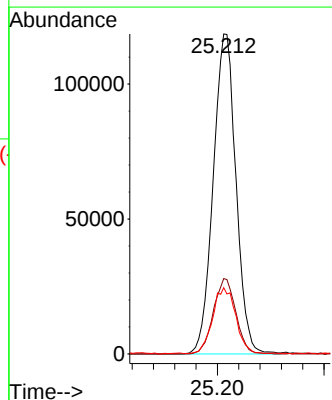
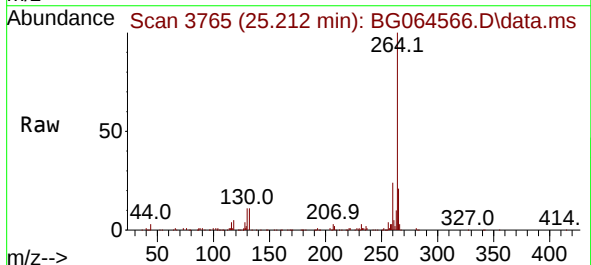
Instrument :
BNA_G
ClientSampleId :
ICVBG102325

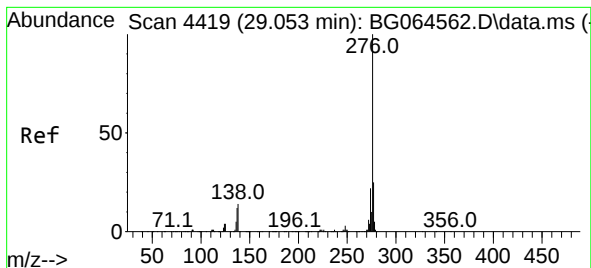
Tgt Ion:149 Resp: 726826
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 13.5 10.5 15.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.212 min Scan# 3765
Delta R.T. -0.003 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

Tgt Ion:264 Resp: 350592
Ion Ratio Lower Upper
264 100
260 23.6 18.3 27.5
265 20.7 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.128 ng

RT: 29.060 min Scan# 4419

Delta R.T. -0.021 min

Lab File: BG064566.D

Acq: 23 Oct 2025 16:28

Instrument :

BNA_G

ClientSampleId :

ICVBG102325

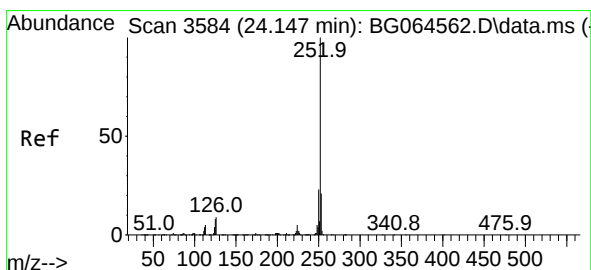
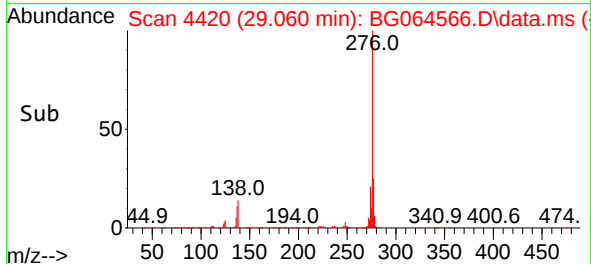
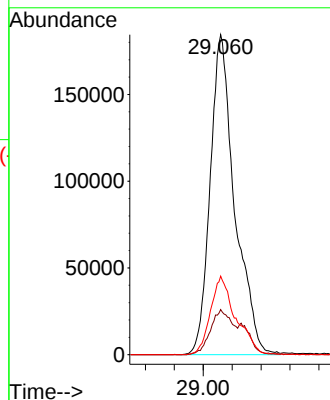
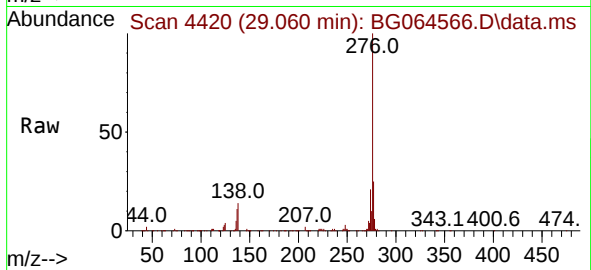
Tgt Ion:276 Resp: 1088917

Ion Ratio Lower Upper

276 100

138 12.7 9.6 14.4

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 43.674 ng

RT: 24.148 min Scan# 3584

Delta R.T. -0.009 min

Lab File: BG064566.D

Acq: 23 Oct 2025 16:28

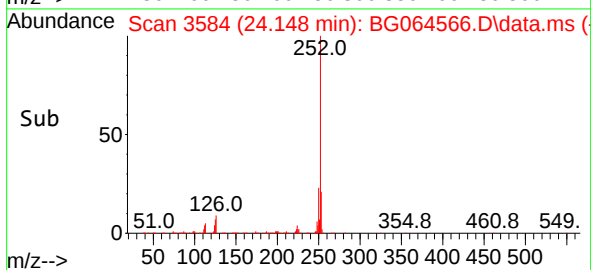
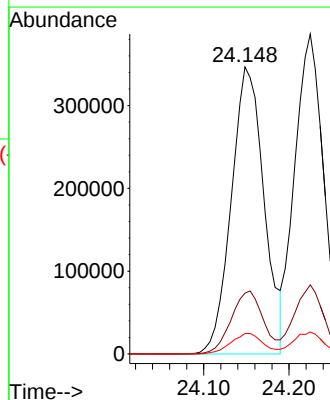
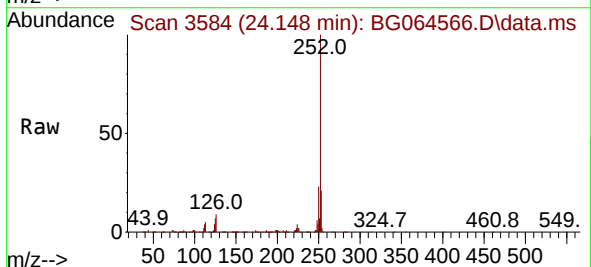
Tgt Ion:252 Resp: 923959

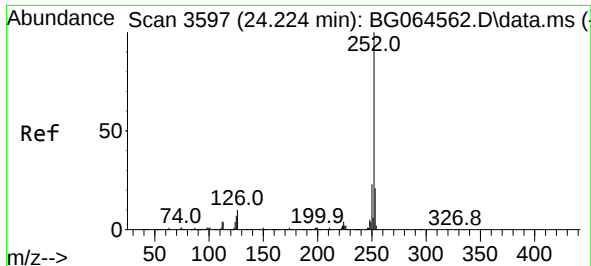
Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.4

125 7.2 6.0 9.0

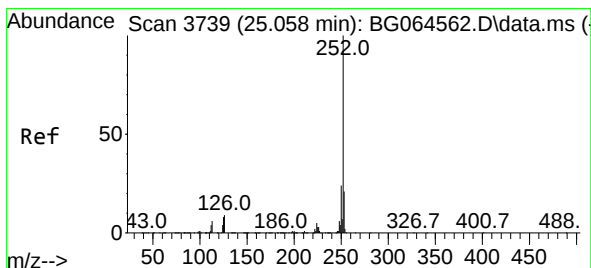
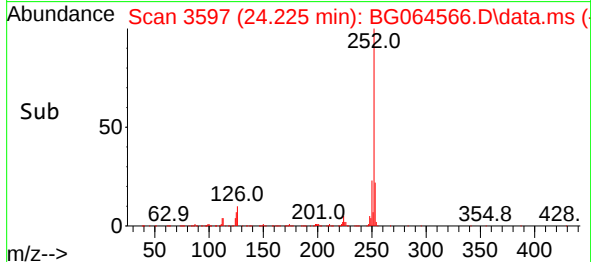
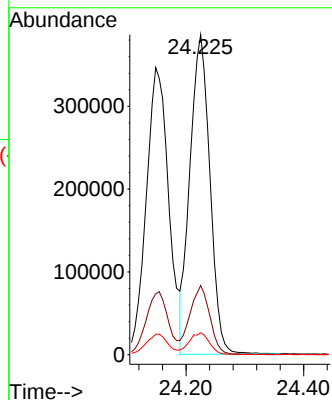
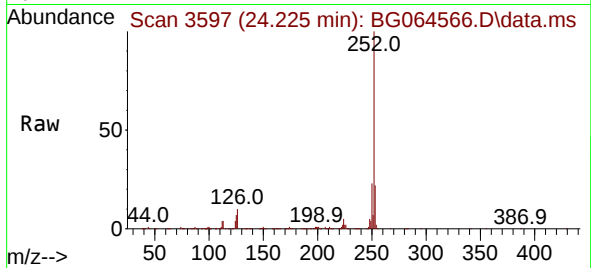




#89
Benzo(k)fluoranthene
Concen: 42.800 ng
RT: 24.225 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

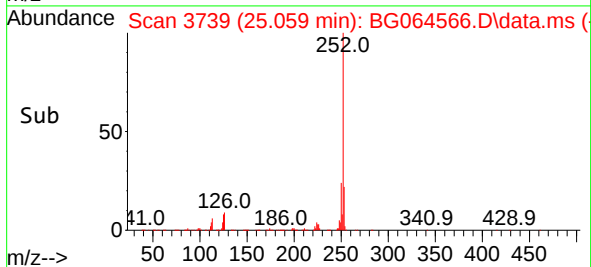
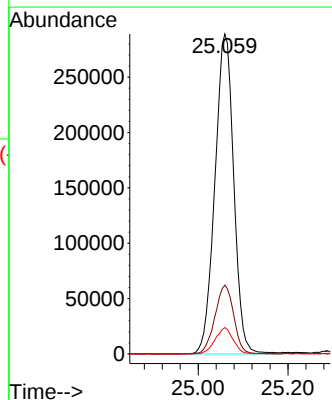
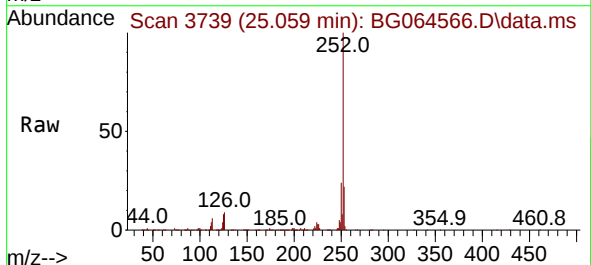
Instrument :
BNA_G
ClientSampleId :
ICVBG102325

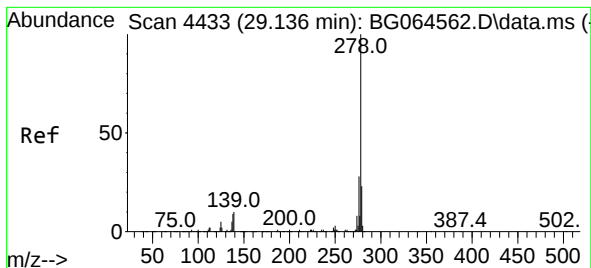
Tgt Ion:252 Resp: 910285
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 6.9 5.8 8.8



#90
Benzo(a)pyrene
Concen: 43.104 ng
RT: 25.059 min Scan# 3739
Delta R.T. -0.003 min
Lab File: BG064566.D
Acq: 23 Oct 2025 16:28

Tgt Ion:252 Resp: 842317
Ion Ratio Lower Upper
252 100
253 21.5 16.5 24.7
125 8.3 6.2 9.2





#91

Dibenzo(a,h)anthracene

Concen: 43.221 ng

RT: 29.137 min Scan# 4433

Delta R.T. -0.021 min

Lab File: BG064566.D

Acq: 23 Oct 2025 16:28

Instrument :

BNA_G

ClientSampleId :

ICVBG102325

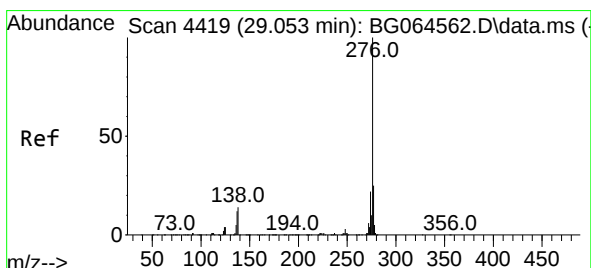
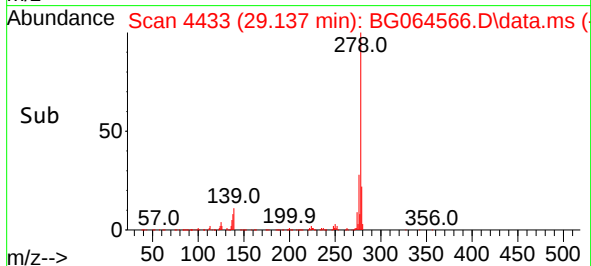
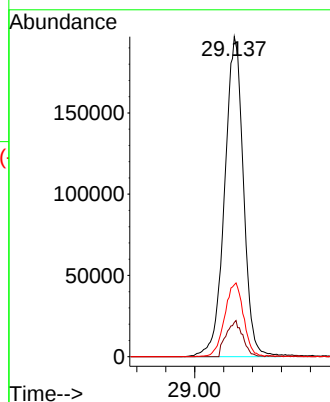
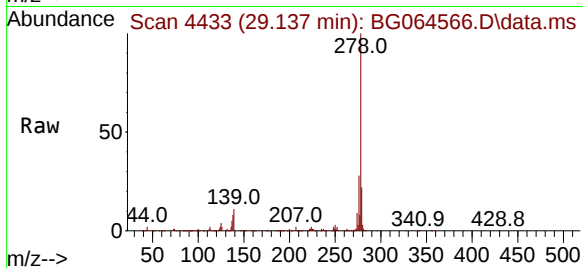
Tgt Ion:278 Resp: 889279

Ion Ratio Lower Upper

278 100

139 10.7 8.0 12.0

279 22.5 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 43.128 ng

RT: 29.060 min Scan# 4420

Delta R.T. -0.021 min

Lab File: BG064566.D

Acq: 23 Oct 2025 16:28

Tgt Ion:276 Resp: 1088917

Ion Ratio Lower Upper

276 100

277 24.6 19.8 29.6

138 14.1 11.1 16.7

