

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064577.D
 Acq On : 24 Oct 2025 16:47
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG102425

Quant Time: Nov 04 00:39:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.222	152	37186	20.000	ng	0.00
21) Naphthalene-d8	11.048	136	157125	20.000	ng	0.00
39) Acenaphthene-d10	14.844	164	124202	20.000	ng	0.00
64) Phenanthrene-d10	17.582	188	290051	20.000	ng	0.00
76) Chrysene-d12	21.859	240	293608	20.000	ng	0.00
86) Perylene-d12	25.202	264	306886	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	156266	70.535	ng	0.00
7) Phenol-d6	7.353	99	225294	74.109	ng	0.00
23) Nitrobenzene-d5	9.386	82	200749	76.738	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	134578	75.074	ng	0.00
45) 2-Fluorobiphenyl	13.475	172	594887	72.599	ng	0.00
79) Terphenyl-d14	20.173	244	1151597	74.019	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.586	88	33172	33.820	ng	97
3) Pyridine	3.998	79	98123	33.313	ng	95
4) n-Nitrosodimethylamine	3.898	42	56903	36.025	ng	98
6) Aniline	7.529	93	157683	38.118	ng	99
8) 2-Chlorophenol	7.776	128	85755	36.981	ng	96
9) Benzaldehyde	7.341	77	84516	50.923	ng	95
10) Phenol	7.376	94	122412	36.410	ng	98
11) bis(2-Chloroethyl)ether	7.623	93	86447	34.973	ng	99
12) 1,3-Dichlorobenzene	8.111	146	96308	36.085	ng	94
13) 1,4-Dichlorobenzene	8.257	146	102132	37.634	ng	96
14) 1,2-Dichlorobenzene	8.581	146	96651	36.924	ng	97
15) Benzyl Alcohol	8.445	79	95250	37.995	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.745	45	234476	36.163	ng	98
17) 2-Methylphenol	8.651	107	85863	38.466	ng	93
18) Hexachloroethane	9.327	117	34040	35.743	ng	96
19) n-Nitroso-di-n-propyla...	9.027	70	83140	39.572	ng	96
20) 3+4-Methylphenols	8.974	107	118917	37.882	ng	96
22) Acetophenone	9.045	105	162385	37.806	ng	97
24) Nitrobenzene	9.427	77	111836	39.305	ng	97
25) Isophorone	9.955	82	236860	37.733	ng	99
26) 2-Nitrophenol	10.143	139	38013	35.498	ng	97
27) 2,4-Dimethylphenol	10.196	122	94545	40.491	ng	99
28) bis(2-Chloroethoxy)met...	10.437	93	132072	36.953	ng	99
29) 2,4-Dichlorophenol	10.684	162	95966	38.190	ng	97
30) 1,2,4-Trichlorobenzene	10.907	180	108339	37.945	ng	97
31) Naphthalene	11.101	128	311084	35.709	ng	100
32) Benzoic acid	10.296	122	48162	29.620	ng	96
33) 4-Chloroaniline	11.189	127	139799	41.287	ng	99
34) Hexachlorobutadiene	11.389	225	78691	35.242	ng	97
35) Caprolactam	11.941	113	35011	36.326	ng	93
36) 4-Chloro-3-methylphenol	12.294	107	114927	38.049	ng	98
37) 2-Methylnaphthalene	12.693	142	213545	33.388	ng	98
38) 1-Methylnaphthalene	12.911	142	224857	35.513	ng	100
40) 1,2,4,5-Tetrachloroben...	13.052	216	154838	37.146	ng	99
41) Hexachlorocyclopentadiene	13.040	237	95065	50.669	ng	98
43) 2,4,6-Trichlorophenol	13.281	196	92335	38.726	ng	99

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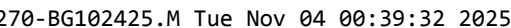
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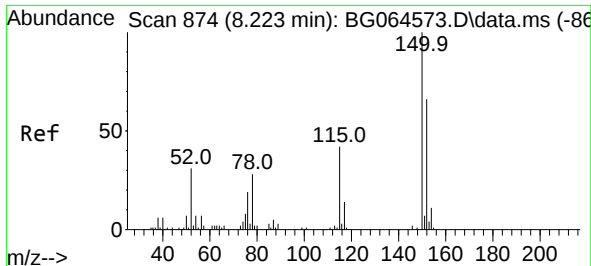
Quant Time: Nov 04 00:39:22 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.346	196	102433	37.228	ng	99
46) 1,1'-Biphenyl	13.686	154	329629	37.331	ng	99
47) 2-Chloronaphthalene	13.727	162	241311	36.205	ng	97
48) 2-Nitroaniline	13.910	65	78927	36.129	ng	96
49) Acenaphthylene	14.568	152	435836	41.457	ng	98
50) Dimethylphthalate	14.292	163	350600	36.890	ng	100
51) 2,6-Dinitrotoluene	14.403	165	61784	39.971	ng	100
52) Acenaphthene	14.908	154	253833	35.340	ng	98
53) 3-Nitroaniline	14.726	138	68729	42.080	ng	99
54) 2,4-Dinitrophenol	14.926	184	29394	33.991	ng	# 56
55) Dibenzofuran	15.237	168	419154	36.096	ng	97
56) 4-Nitrophenol	15.014	139	51210	33.818	ng	92
57) 2,4-Dinitrotoluene	15.185	165	85201	35.957	ng	96
58) Fluorene	15.890	166	328636	36.238	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.455	232	106626	40.525	ng	97
60) Diethylphthalate	15.649	149	348964	35.961	ng	99
61) 4-Chlorophenyl-phenylether	15.878	204	182714	35.902	ng	99
62) 4-Nitroaniline	15.884	138	68807	37.867	ng	97
63) Azobenzene	16.172	77	323432	36.325	ng	97
65) 4,6-Dinitro-2-methylph...	15.943	198	42391	34.885	ng	94
66) n-Nitrosodiphenylamine	16.084	169	300274	38.325	ng	98
67) 4-Bromophenyl-phenylether	16.771	248	130765	38.044	ng	97
68) Hexachlorobenzene	16.888	284	144974	36.971	ng	96
69) Atrazine	17.024	200	130007	38.558	ng	96
70) Pentachlorophenol	17.223	266	85166	34.829	ng	90
71) Phenanthrene	17.623	178	569825	35.925	ng	99
72) Anthracene	17.717	178	584246	36.210	ng	99
73) Carbazole	17.975	167	498849	35.061	ng	99
74) Di-n-butylphthalate	18.534	149	570718	34.688	ng	99
75) Fluoranthene	19.621	202	676996	34.070	ng	99
77) Benzidine	19.785	184	356547	54.203	ng	99
78) Pyrene	19.979	202	693068	36.130	ng	99
80) Butylbenzylphthalate	20.854	149	224386	38.702	ng	98
81) Benzo(a)anthracene	21.836	228	706428	36.287	ng	99
82) 3,3'-Dichlorobenzidine	21.742	252	265324	40.813	ng	96
83) Chrysene	21.906	228	658217	35.533	ng	98
84) Bis(2-ethylhexyl)phtha...	21.747	149	324614	37.470	ng	96
85) Di-n-octyl phthalate	23.017	149	527097	36.087	ng	99
87) Indeno(1,2,3-cd)pyrene	29.045	276	820974	36.366	ng	99
88) Benzo(b)fluoranthene	24.139	252	681881	36.235	ng	99
89) Benzo(k)fluoranthene	24.209	252	701500	37.252	ng	99
90) Benzo(a)pyrene	25.049	252	652126	37.700	ng	98
91) Dibenzo(a,h)anthracene	29.121	278	674510	36.776	ng	96
92) Benzo(g,h,i)perylene	30.232	276	653564	37.302	ng	98

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

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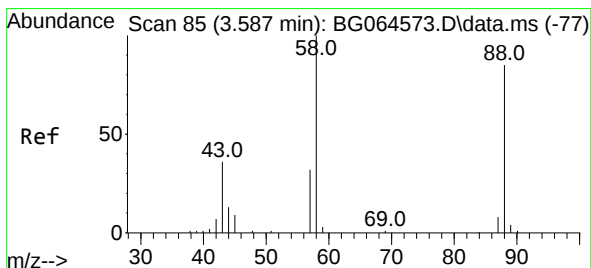
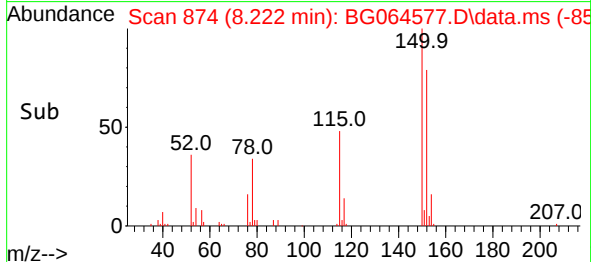
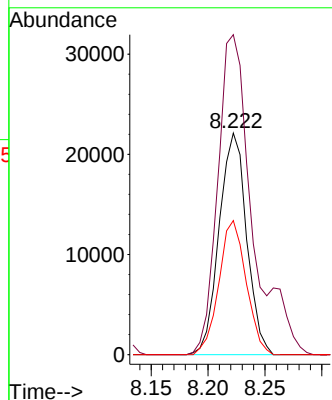
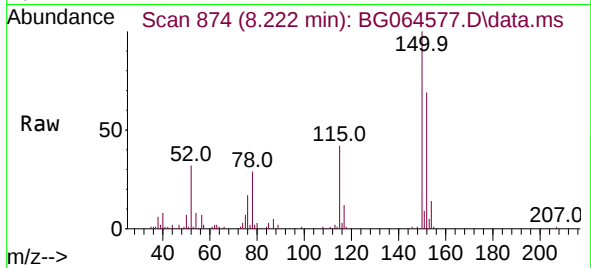




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.222 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

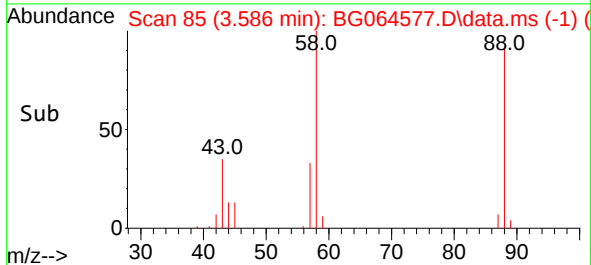
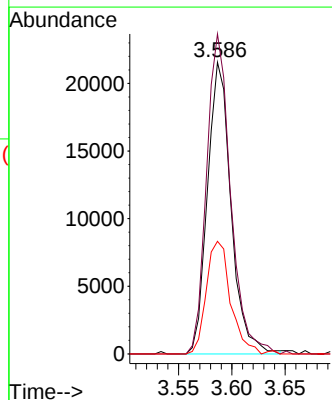
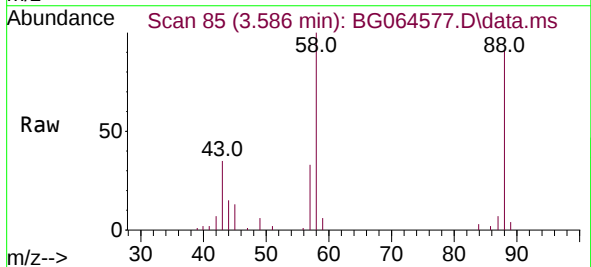
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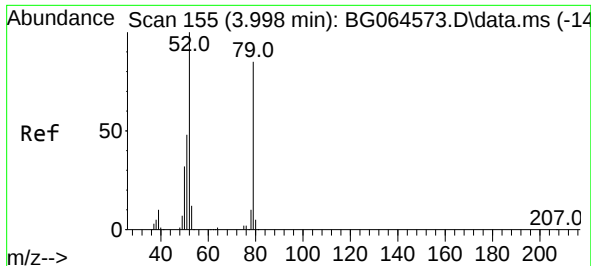
Tgt Ion:152 Resp: 37186
Ion Ratio Lower Upper
152 100
150 144.5 122.2 183.4
115 60.5 50.8 76.2



#2
1,4-Dioxane
Concen: 33.820 ng
RT: 3.586 min Scan# 85
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion: 88 Resp: 33172
Ion Ratio Lower Upper
88 100
58 111.8 92.4 138.6
43 40.1 33.0 49.6

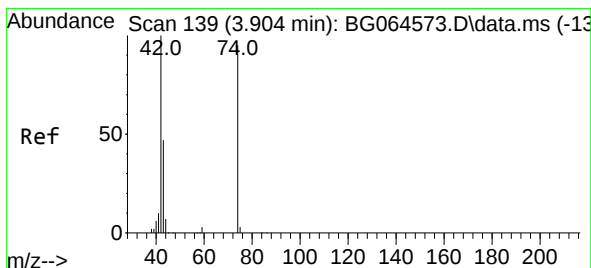
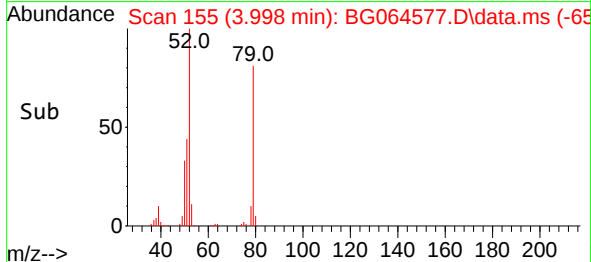
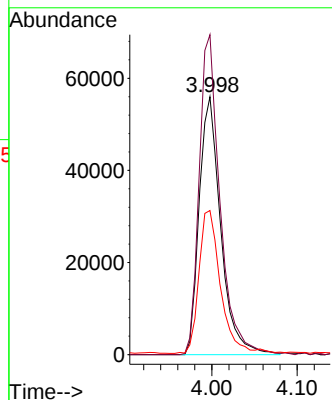
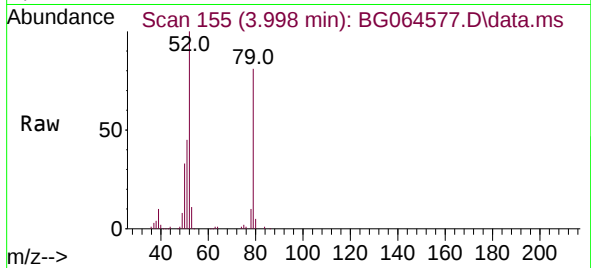




#3
 Pyridine
 Concen: 33.313 ng
 RT: 3.998 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: BG064577.D
 Acq: 24 Oct 2025 16:47

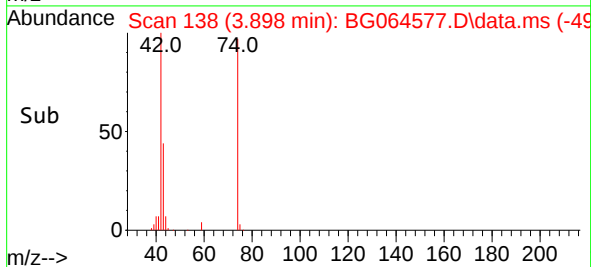
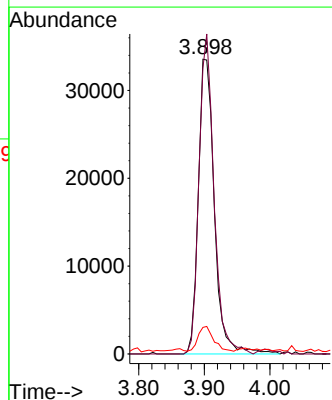
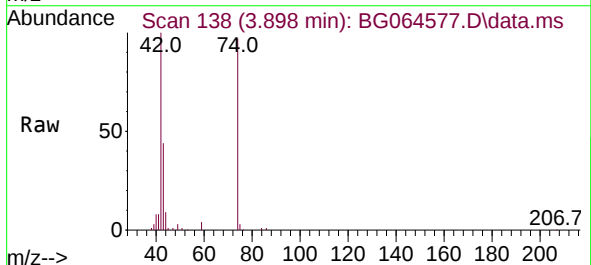
Instrument :
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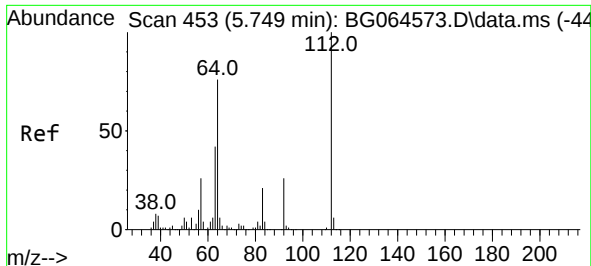
Tgt Ion: 79 Resp: 98123
 Ion Ratio Lower Upper
 79 100
 52 124.1 94.2 141.2
 51 55.8 46.1 69.1



#4
 n-Nitrosodimethylamine
 Concen: 36.025 ng
 RT: 3.898 min Scan# 138
 Delta R.T. -0.007 min
 Lab File: BG064577.D
 Acq: 24 Oct 2025 16:47

Tgt Ion: 42 Resp: 56903
 Ion Ratio Lower Upper
 42 100
 74 97.0 76.1 114.1
 44 9.0 6.3 9.5

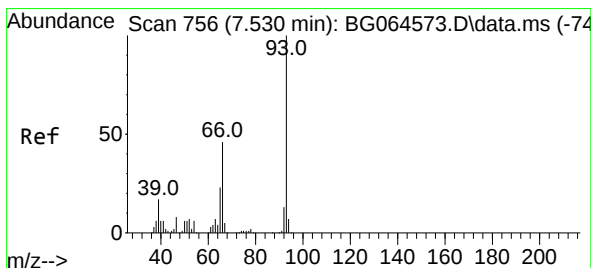
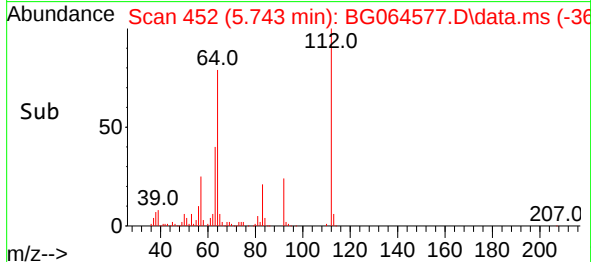
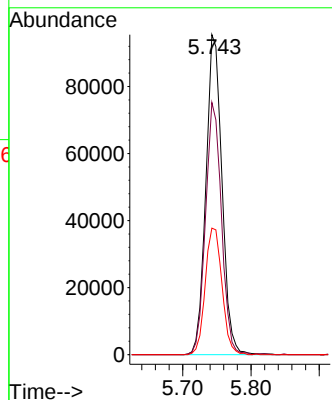
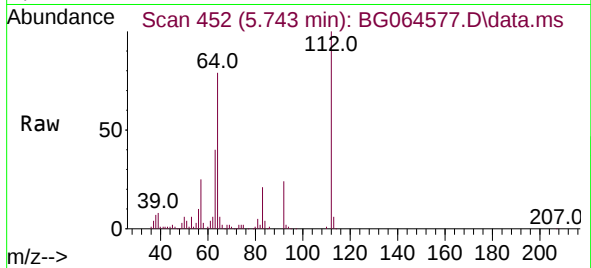




#5
2-Fluorophenol
Concen: 70.535 ng
RT: 5.743 min Scan# 453
Delta R.T. -0.007 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

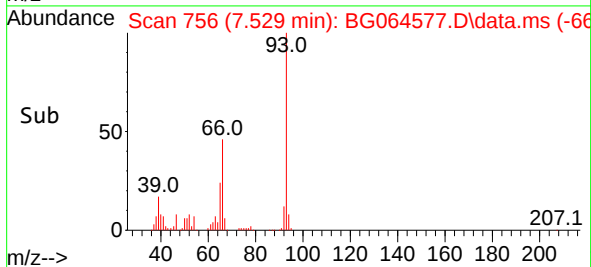
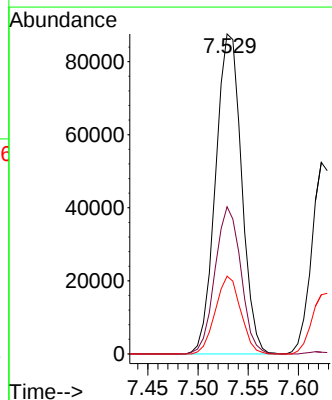
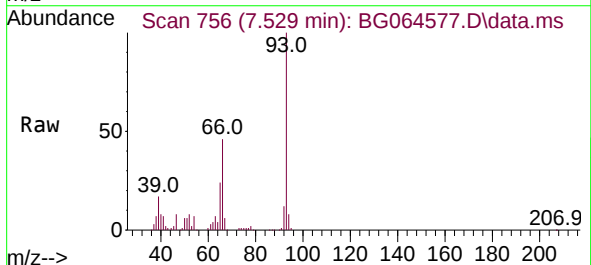
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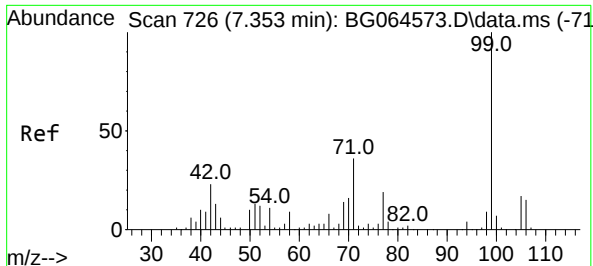
Tgt Ion:112 Resp: 156266
Ion Ratio Lower Upper
112 100
64 78.8 60.7 91.1
63 39.5 33.4 50.0



#6
Aniline
Concen: 38.118 ng
RT: 7.529 min Scan# 756
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion: 93 Resp: 157683
Ion Ratio Lower Upper
93 100
66 46.0 37.0 55.6
65 24.3 18.3 27.5

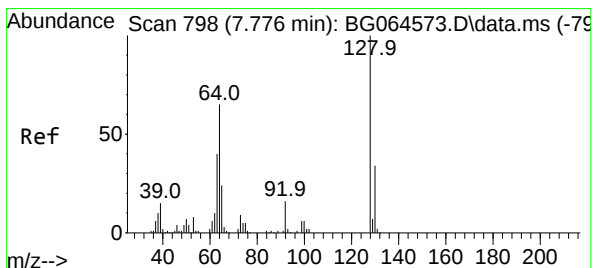
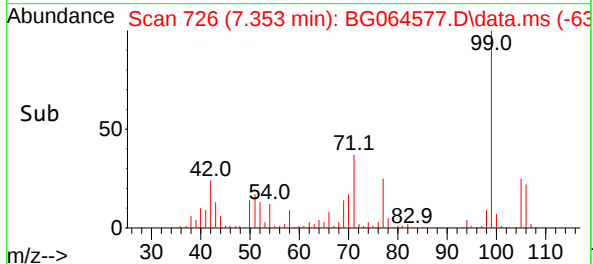
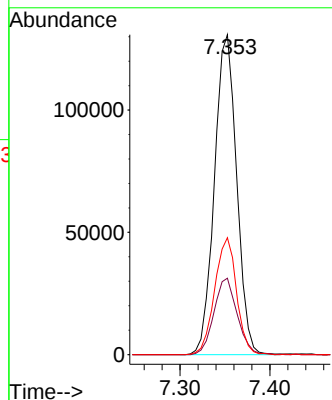
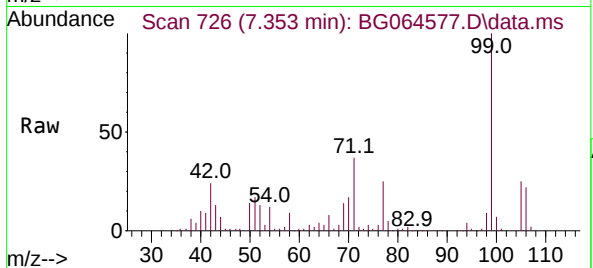




#7
Phenol-d6
Concen: 74.109 ng
RT: 7.353 min Scan# 726
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

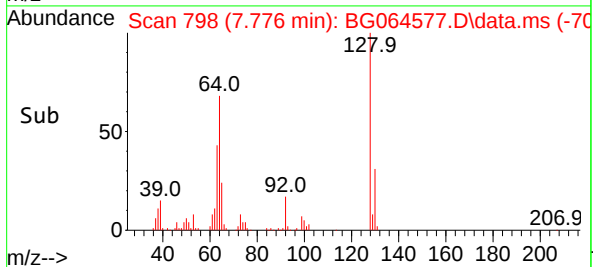
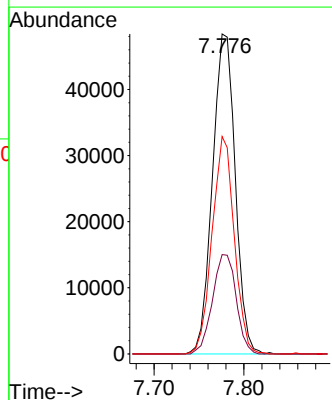
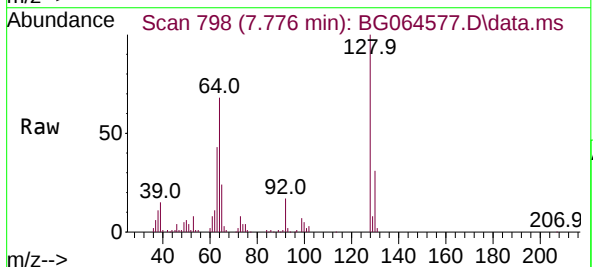
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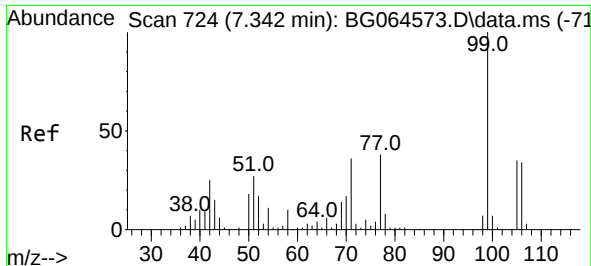
Tgt Ion: 99 Resp: 225294
Ion Ratio Lower Upper
99 100
42 23.9 18.3 27.5
71 36.5 28.6 43.0



#8
2-Chlorophenol
Concen: 36.981 ng
RT: 7.776 min Scan# 798
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion: 128 Resp: 85755
Ion Ratio Lower Upper
128 100
130 31.0 13.5 53.5
64 67.9 45.2 85.2

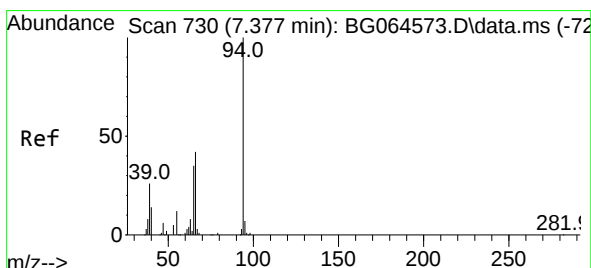
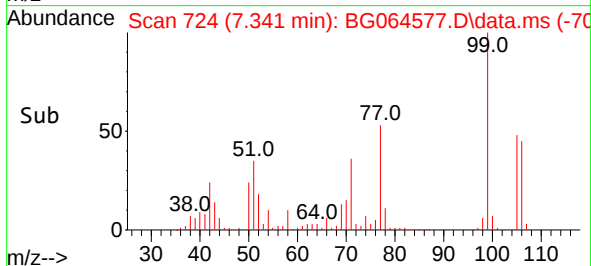
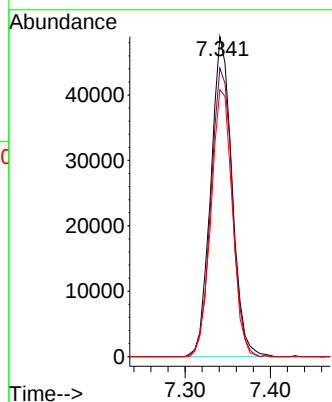
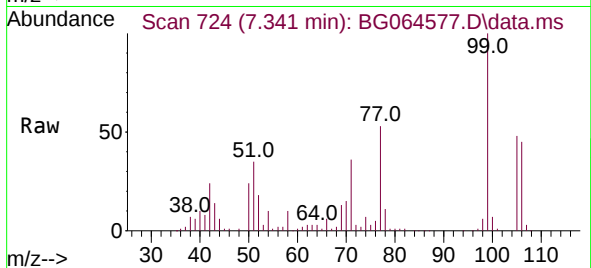




#9
Benzaldehyde
Concen: 50.923 ng
RT: 7.341 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG064577.D
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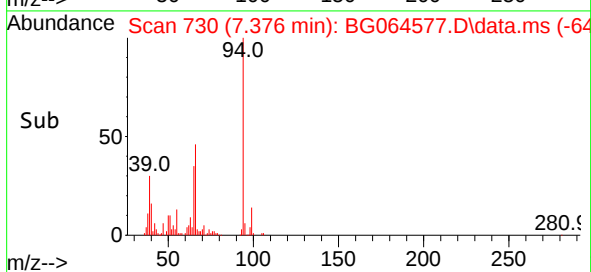
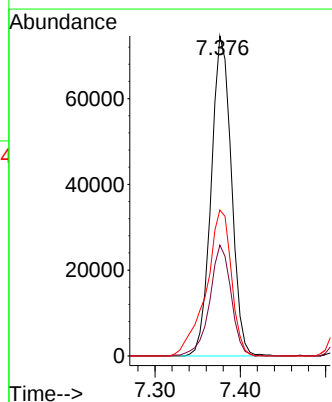
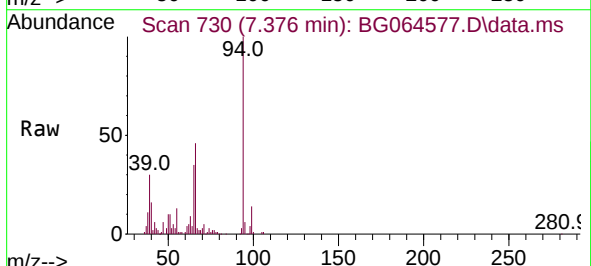
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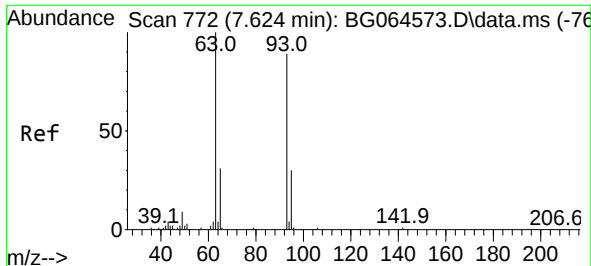
Tgt Ion: 77 Resp: 84516
Ion Ratio Lower Upper
77 100
105 90.1 72.9 112.9
106 83.4 70.8 110.8



#10
Phenol
Concen: 36.410 ng
RT: 7.376 min Scan# 730
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion: 94 Resp: 122412
Ion Ratio Lower Upper
94 100
65 34.6 15.8 55.8
66 45.6 24.0 64.0

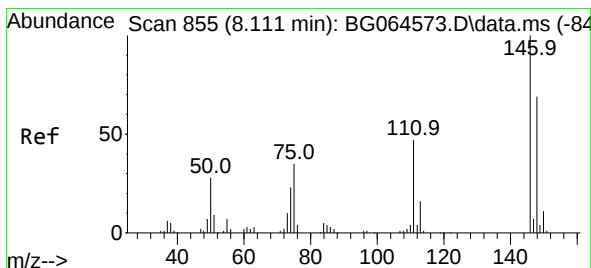
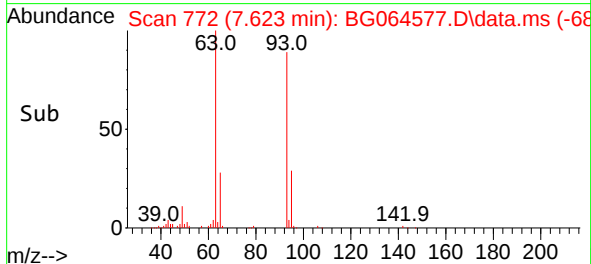
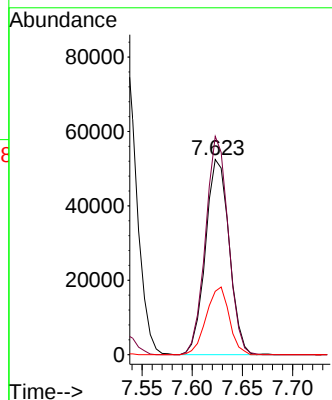
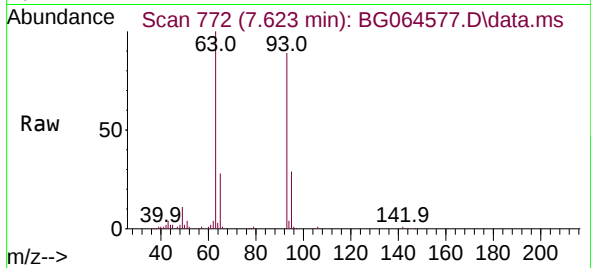




#11
bis(2-Chloroethyl)ether
Concen: 34.973 ng
RT: 7.623 min Scan# 772
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

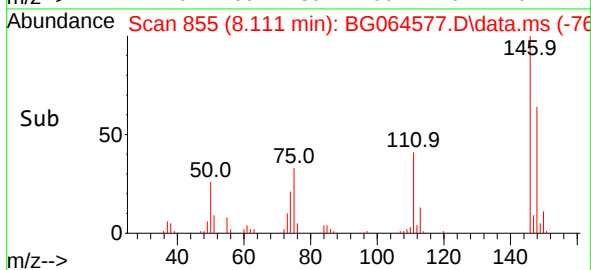
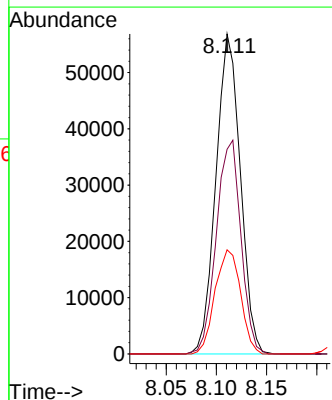
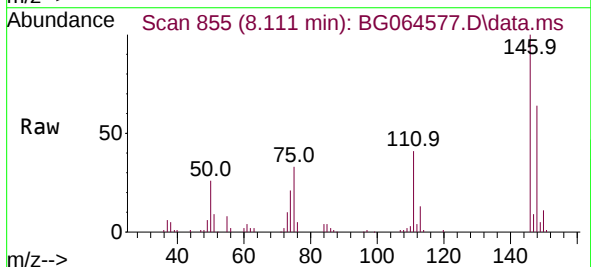
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

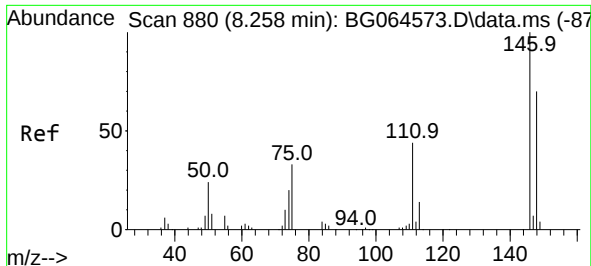
Tgt Ion: 93 Resp: 86447
Ion Ratio Lower Upper
93 100
63 111.9 91.3 131.3
95 32.5 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 36.085 ng
RT: 8.111 min Scan# 855
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion: 146 Resp: 96308
Ion Ratio Lower Upper
146 100
148 63.9 55.3 82.9
75 32.5 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 37.634 ng

RT: 8.257 min Scan# 880

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

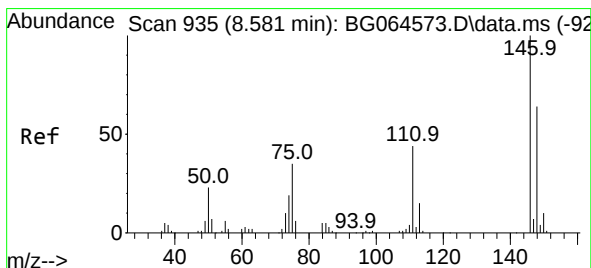
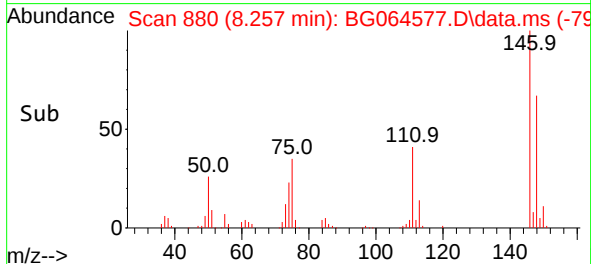
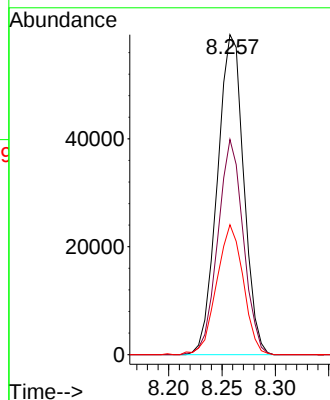
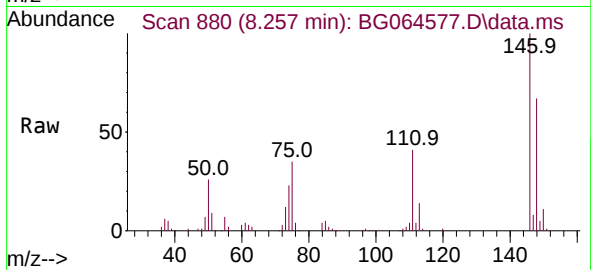
Tgt Ion:146 Resp: 102132

Ion Ratio Lower Upper

146 100

148 67.2 56.2 84.4

111 40.6 35.4 53.0



#14

1,2-Dichlorobenzene

Concen: 36.924 ng

RT: 8.581 min Scan# 935

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

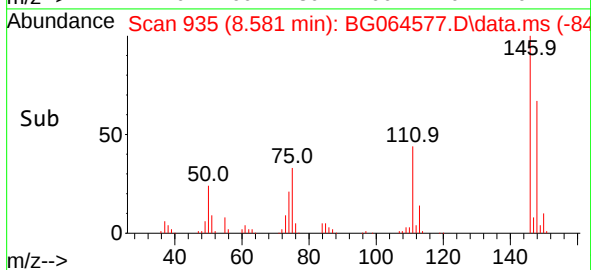
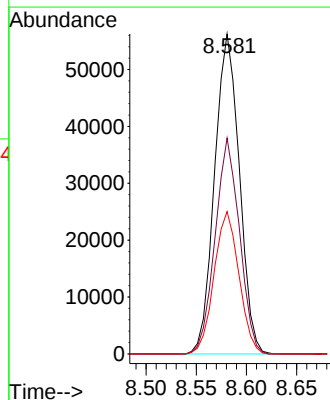
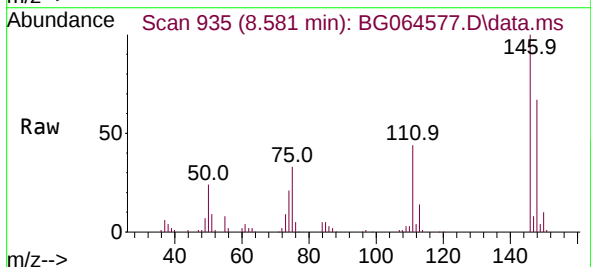
Tgt Ion:146 Resp: 96651

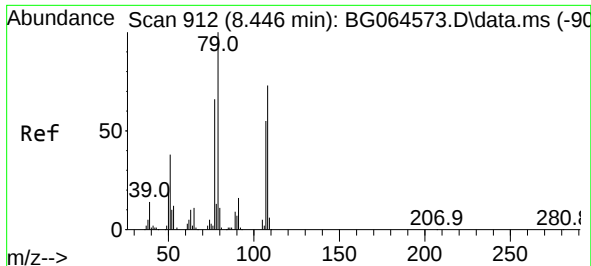
Ion Ratio Lower Upper

146 100

148 67.4 51.5 77.3

111 44.5 35.0 52.6

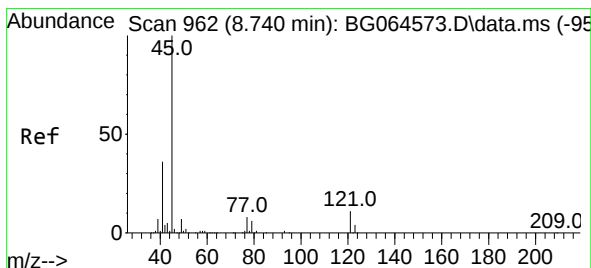
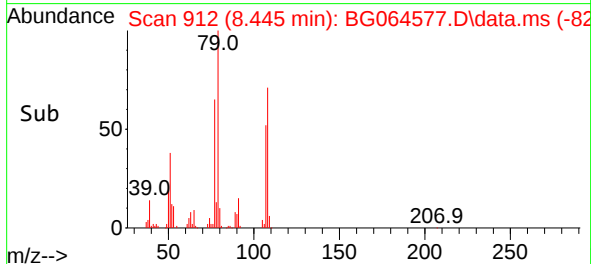
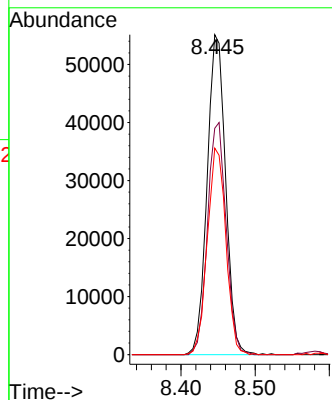
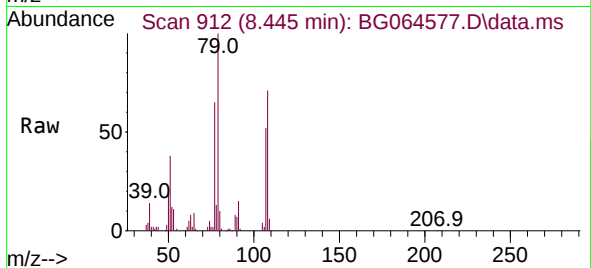




#15
Benzyl Alcohol
Concen: 37.995 ng
RT: 8.445 min Scan# 912
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

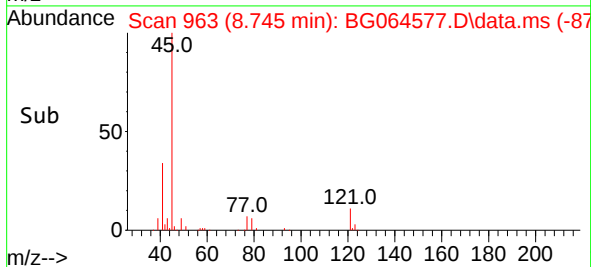
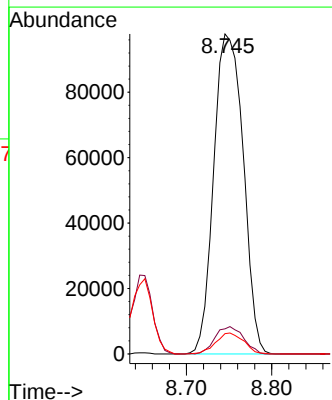
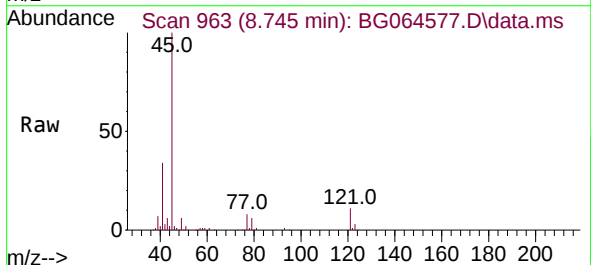
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

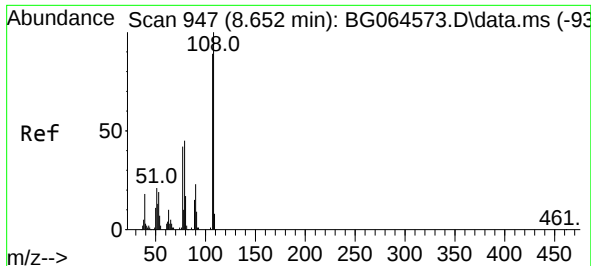
Tgt Ion: 79 Resp: 95250
Ion Ratio Lower Upper
79 100
108 70.7 58.1 87.1
77 64.5 52.8 79.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.163 ng
RT: 8.745 min Scan# 963
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion: 45 Resp: 234476
Ion Ratio Lower Upper
45 100
77 7.8 0.0 28.5
79 6.3 0.0 25.6





#17

2-Methylphenol

Concen: 38.466 ng

RT: 8.651 min Scan# 94

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

Tgt Ion:107 Resp: 85863

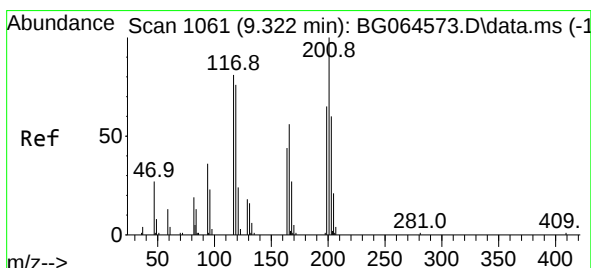
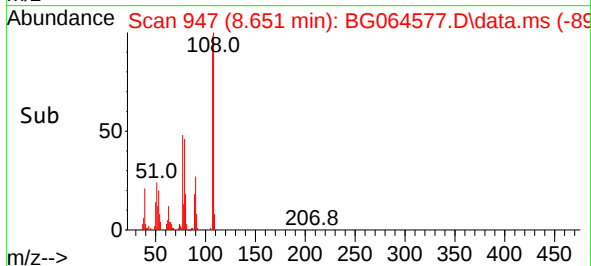
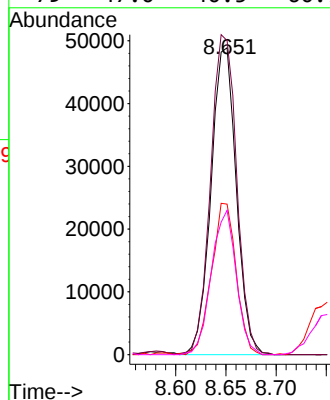
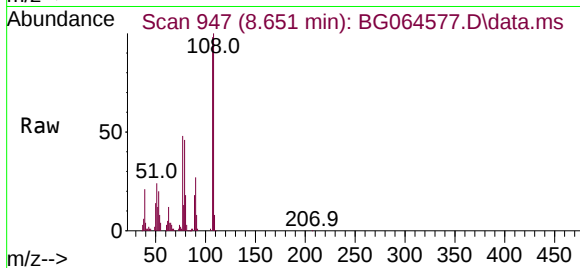
Ion Ratio Lower Upper

107 100

108 102.3 90.0 135.0

77 49.0 37.8 56.8

79 47.0 40.5 60.7



#18

Hexachloroethane

Concen: 35.743 ng

RT: 9.327 min Scan# 1062

Delta R.T. 0.005 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

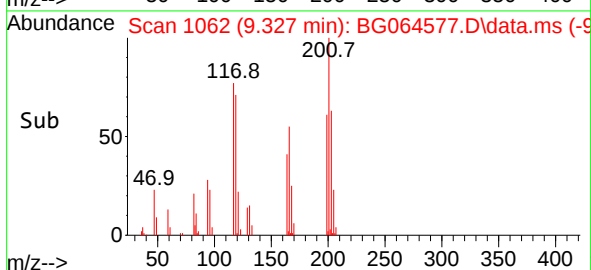
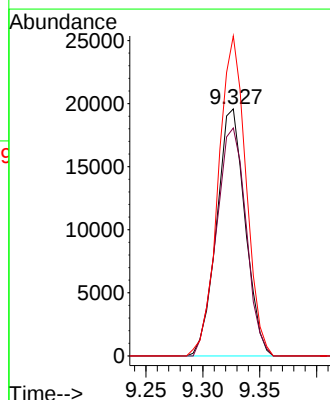
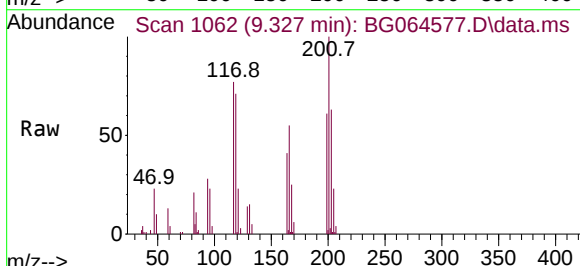
Tgt Ion:117 Resp: 34040

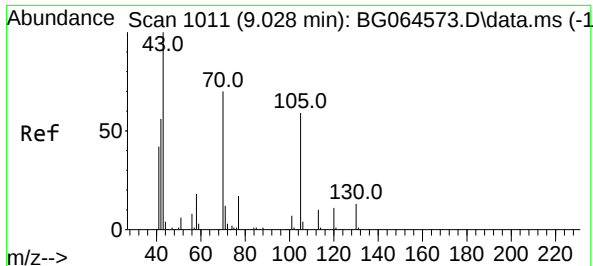
Ion Ratio Lower Upper

117 100

119 92.3 75.4 113.2

201 129.6 99.2 148.8





#19

n-Nitroso-di-n-propylamine

Concen: 39.572 ng

RT: 9.027 min Scan# 1011

Delta R.T. -0.001 min

Lab File: BG064577.D

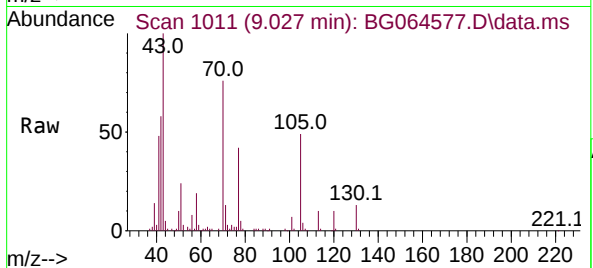
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425



Tgt Ion: 70 Resp: 83140

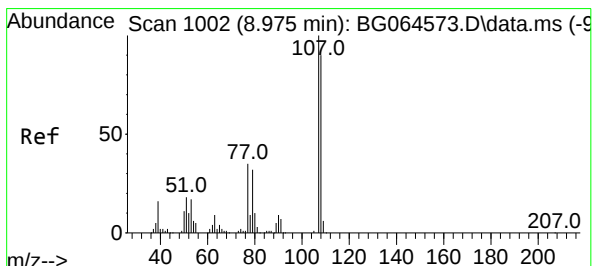
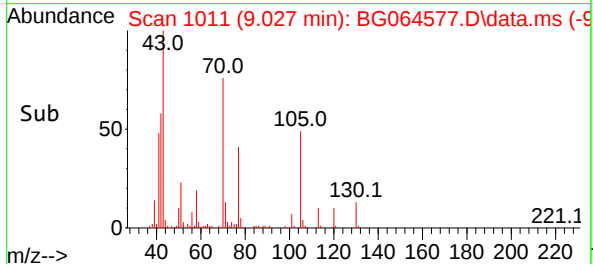
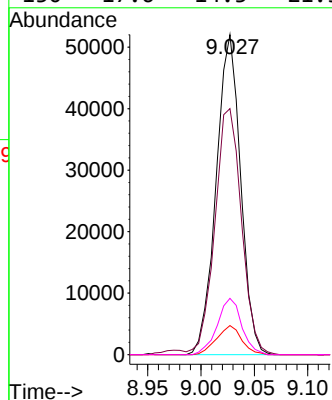
Ion Ratio Lower Upper

70 100

42 76.9 65.2 97.8

101 9.1 7.9 11.9

130 17.6 14.3 21.5



#20

3+4-Methylphenols

Concen: 37.882 ng

RT: 8.974 min Scan# 1002

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Tgt Ion:107 Resp: 118917

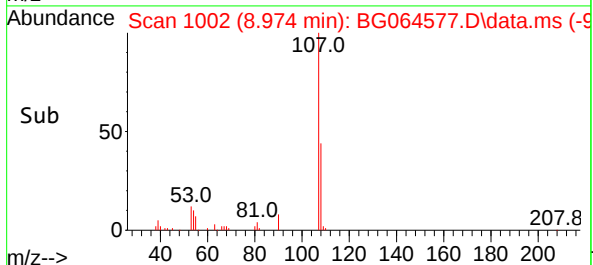
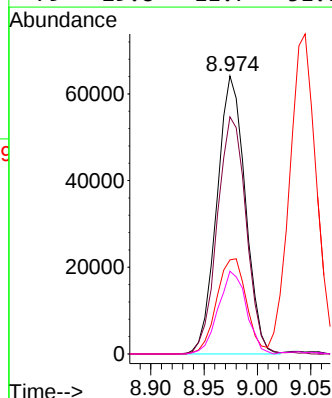
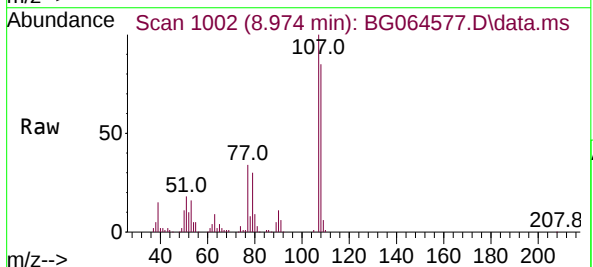
Ion Ratio Lower Upper

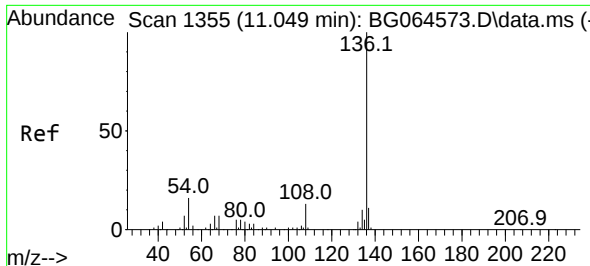
107 100

108 85.3 70.3 110.3

77 33.8 14.6 54.6

79 29.8 11.7 51.7

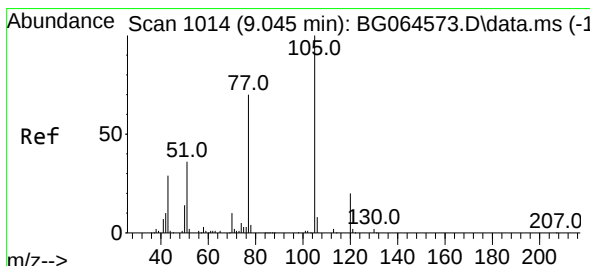
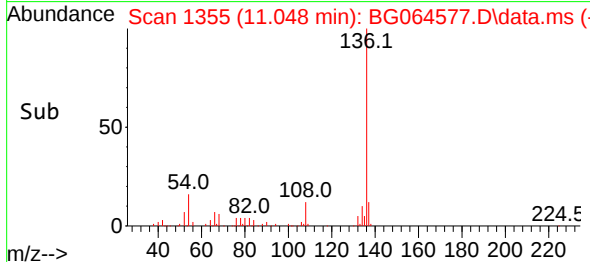
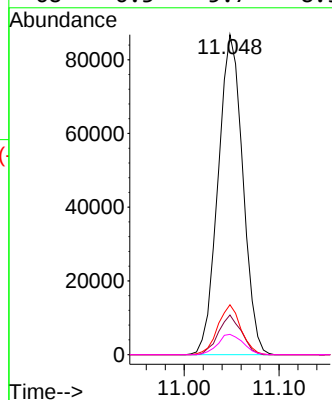
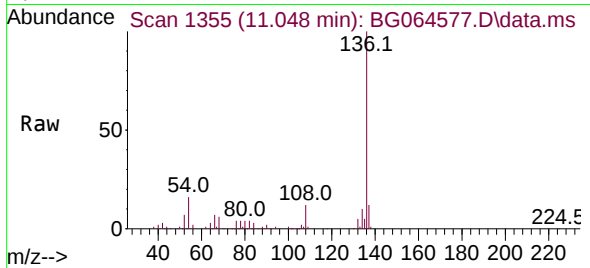




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.048 min Scan# 1355
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

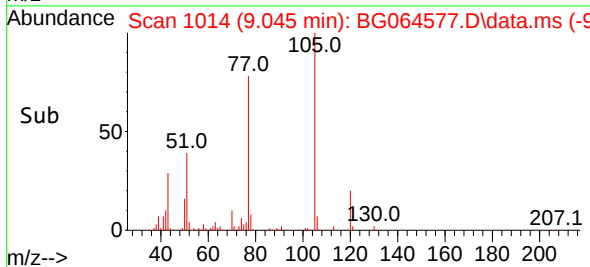
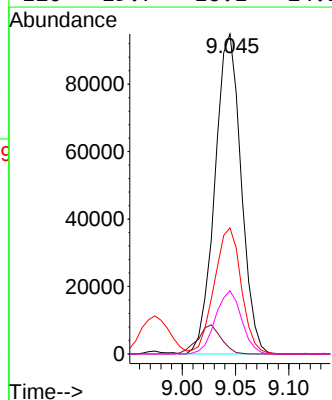
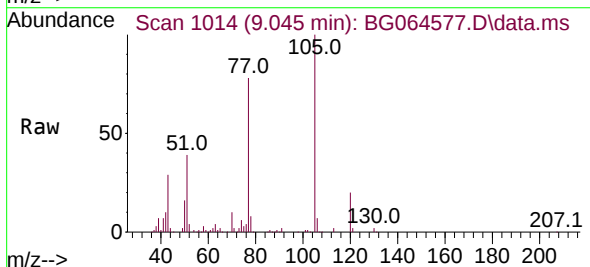
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

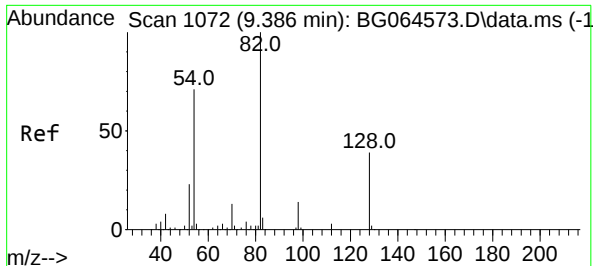
Tgt	Ion:136	Resp:	157125
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.2	13.8
54	15.6	12.6	19.0
68	6.3	5.7	8.5



#22
Acetophenone
Concen: 37.806 ng
RT: 9.045 min Scan# 1014
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt	Ion:105	Resp:	162385
Ion	Ratio	Lower	Upper
105	100		
71	1.7	1.5	2.3
51	39.4	33.7	50.5
120	19.7	16.1	24.1





#23

Nitrobenzene-d5

Concen: 76.738 ng

RT: 9.386 min Scan# 1072

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

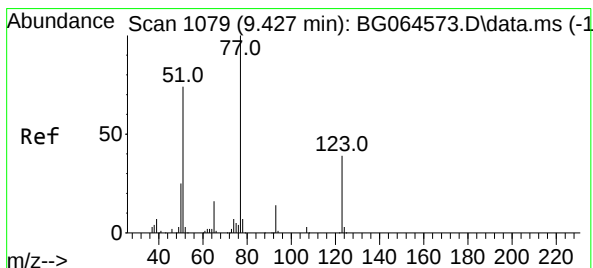
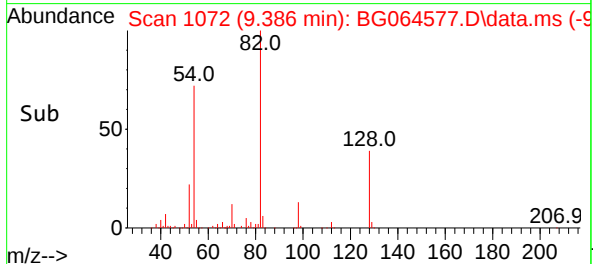
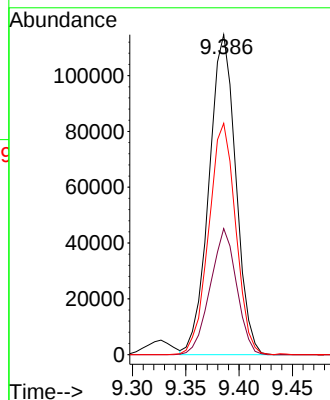
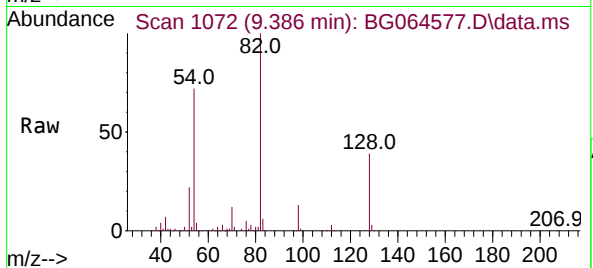
Tgt Ion: 82 Resp: 200749

Ion Ratio Lower Upper

82 100

128 39.4 31.3 46.9

54 72.3 56.6 84.8



#24

Nitrobenzene

Concen: 39.305 ng

RT: 9.427 min Scan# 1079

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

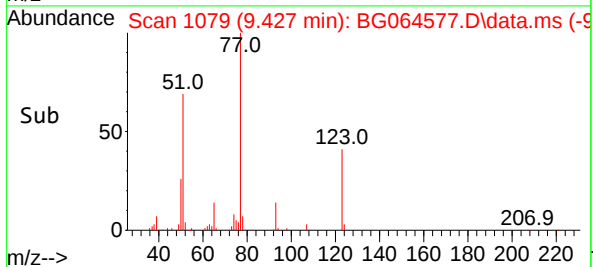
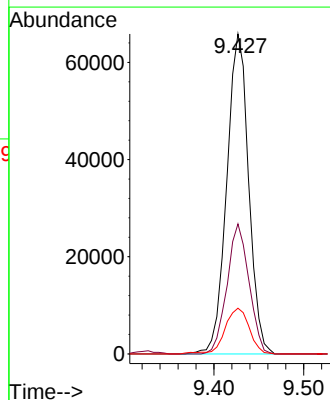
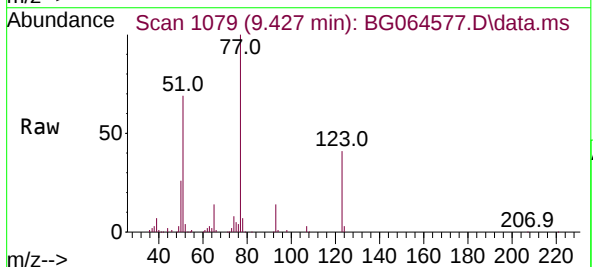
Tgt Ion: 77 Resp: 111836

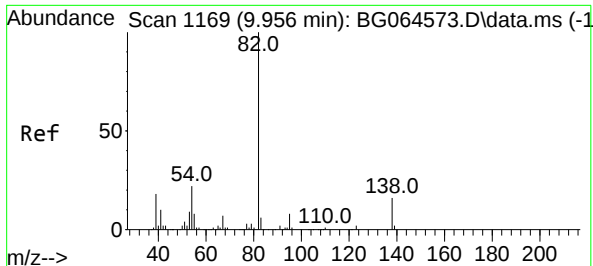
Ion Ratio Lower Upper

77 100

123 40.6 31.0 46.6

65 14.3 12.7 19.1

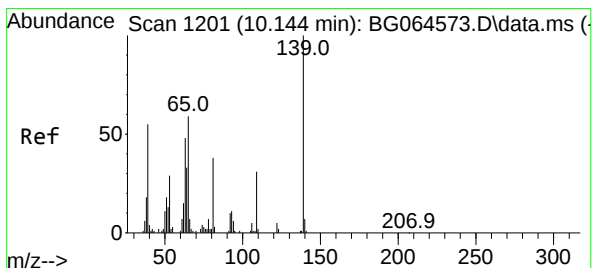
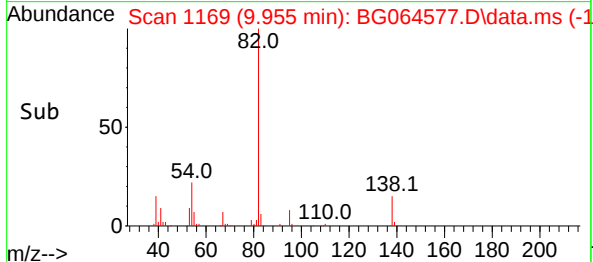
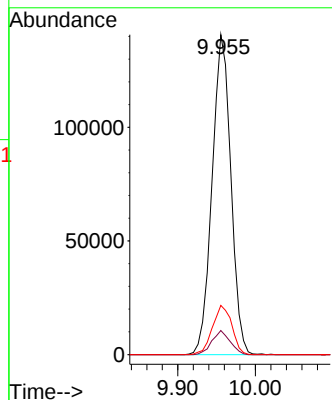
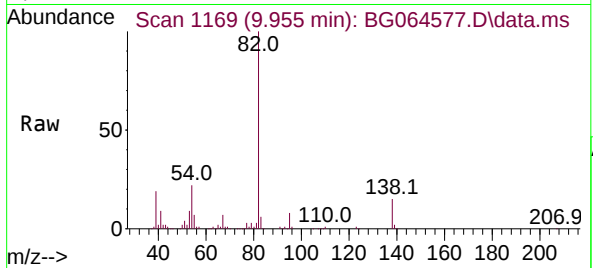




#25
Isophorone
Concen: 37.733 ng
RT: 9.955 min Scan# 1169
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

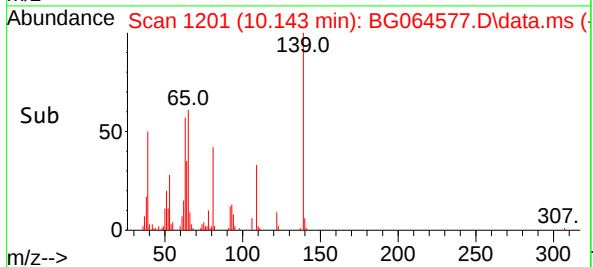
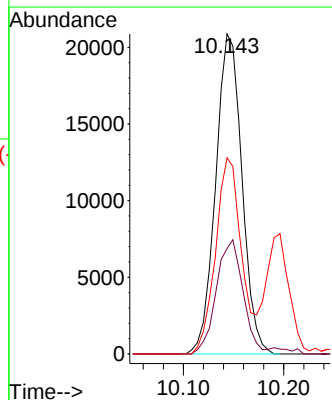
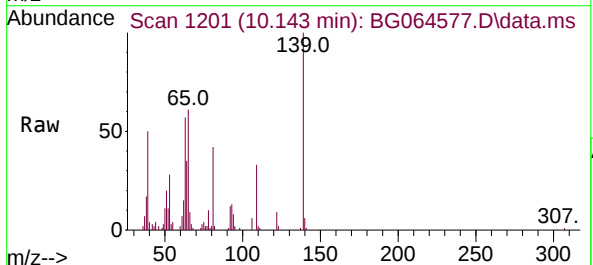
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

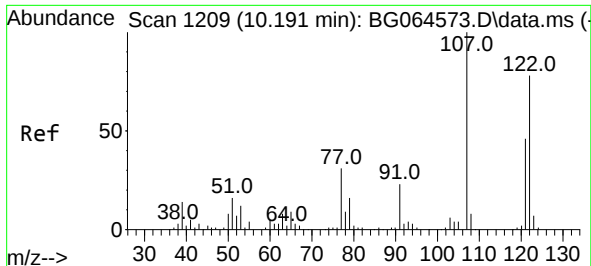
Tgt Ion: 82 Resp: 236860
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 15.4 13.0 19.4



#26
2-Nitrophenol
Concen: 35.498 ng
RT: 10.143 min Scan# 1201
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:139 Resp: 38013
Ion Ratio Lower Upper
139 100
109 32.9 24.6 37.0
65 61.3 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 40.491 ng

RT: 10.196 min Scan# 1209

Delta R.T. 0.005 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

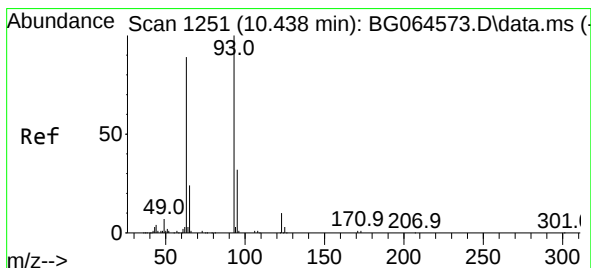
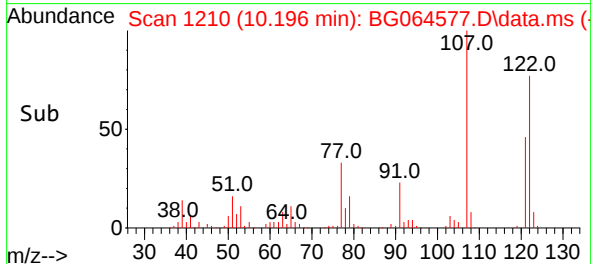
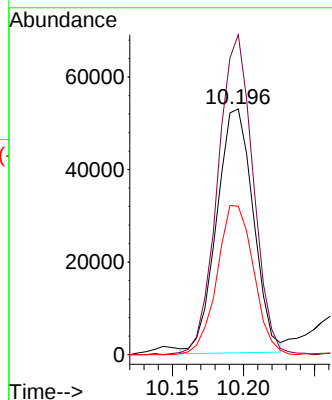
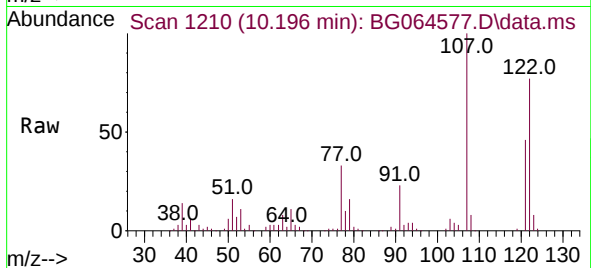
Tgt Ion:122 Resp: 94545

Ion Ratio Lower Upper

122 100

107 130.3 103.0 154.4

121 60.4 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 36.953 ng

RT: 10.437 min Scan# 1251

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

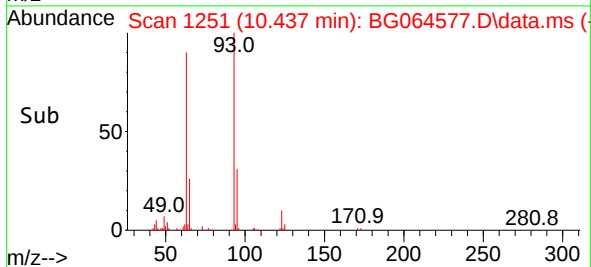
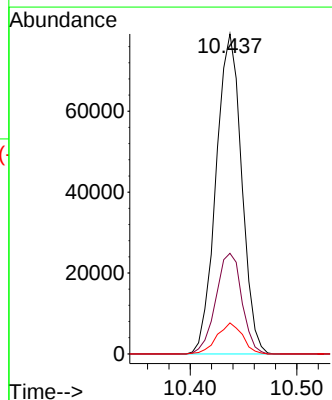
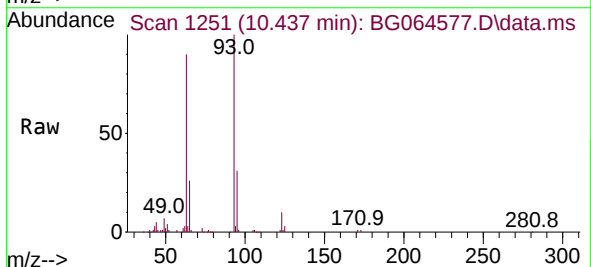
Tgt Ion: 93 Resp: 132072

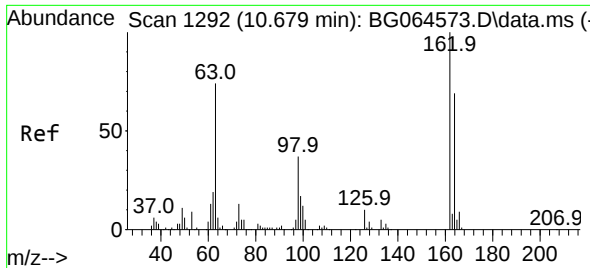
Ion Ratio Lower Upper

93 100

95 31.4 25.4 38.2

123 9.7 8.4 12.6

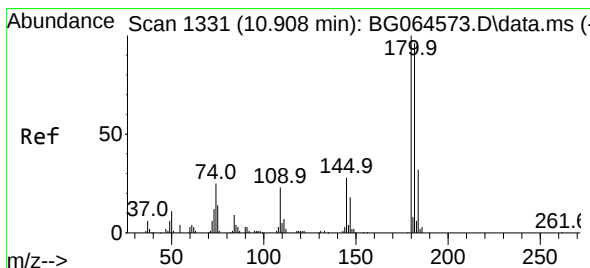
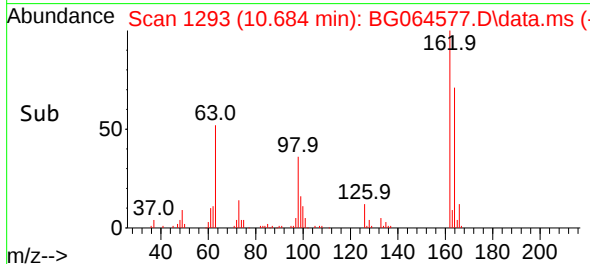
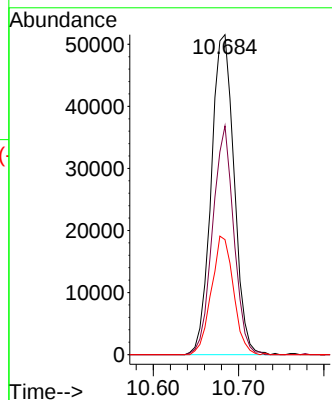
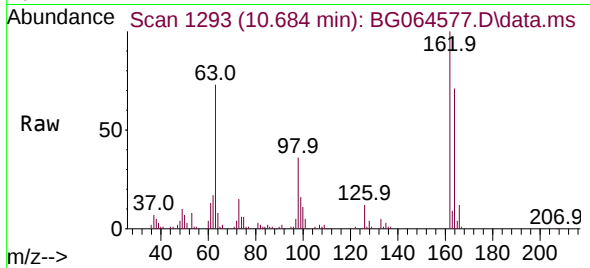




#29
2,4-Dichlorophenol
Concen: 38.190 ng
RT: 10.684 min Scan# 1293
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

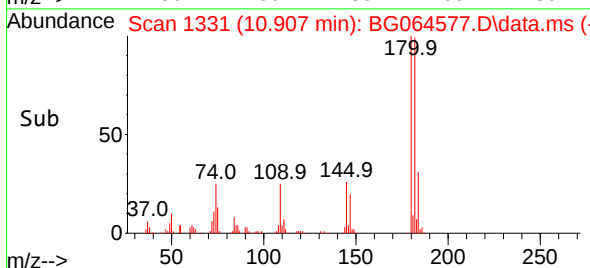
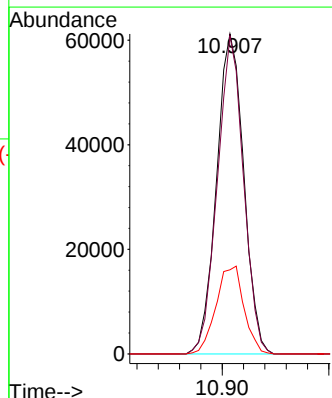
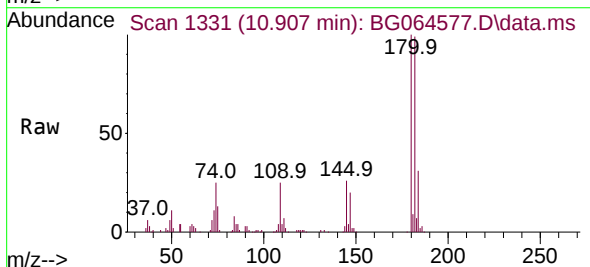
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

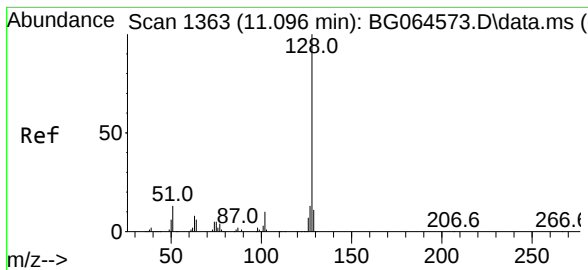
Tgt Ion:162 Resp: 95966
Ion Ratio Lower Upper
162 100
164 71.5 48.7 88.7
98 35.9 16.9 56.9



#30
1,2,4-Trichlorobenzene
Concen: 37.945 ng
RT: 10.907 min Scan# 1331
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:180 Resp: 108339
Ion Ratio Lower Upper
180 100
182 99.3 76.9 115.3
145 26.3 22.1 33.1

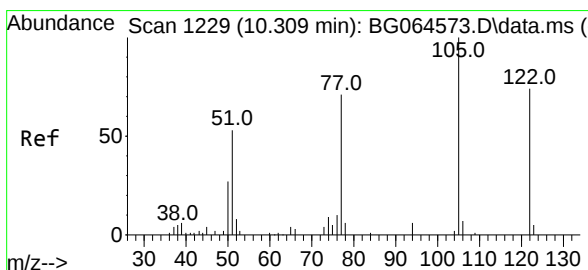
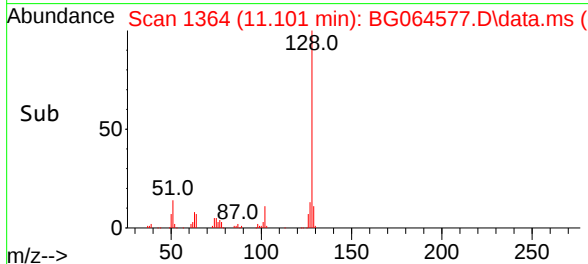
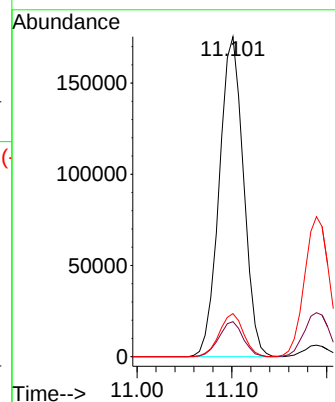
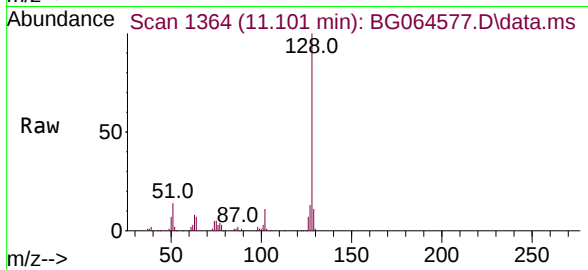




#31
Naphthalene
Concen: 35.709 ng
RT: 11.101 min Scan# 1364
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

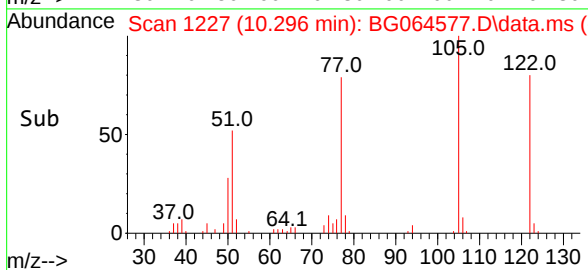
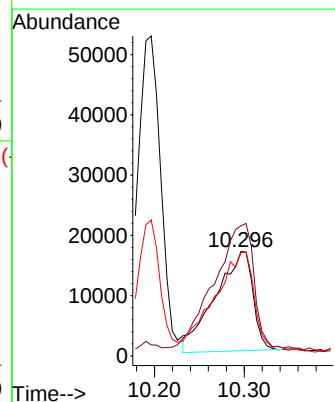
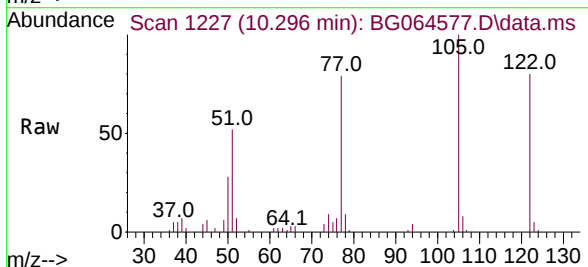
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

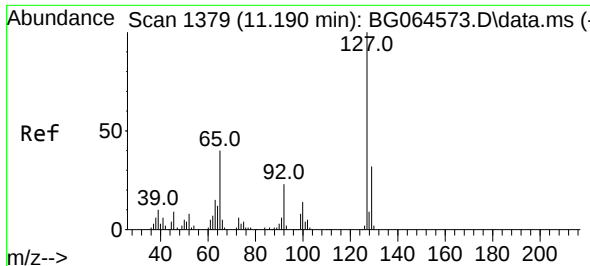
Tgt Ion:128 Resp: 311084
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 29.620 ng
RT: 10.296 min Scan# 1227
Delta R.T. -0.013 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:122 Resp: 48162
Ion Ratio Lower Upper
122 100
105 124.6 104.2 144.2
77 98.8 70.2 110.2

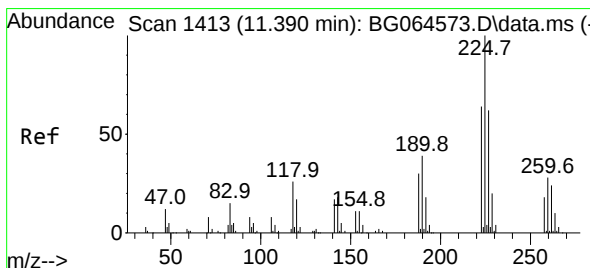
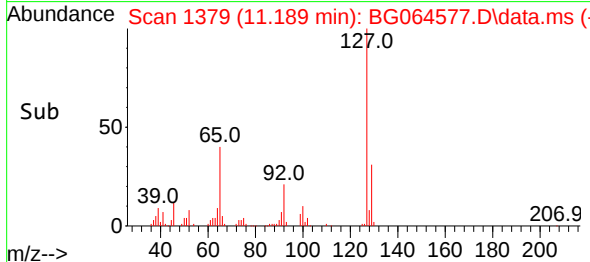
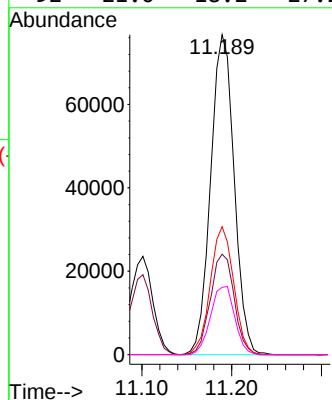
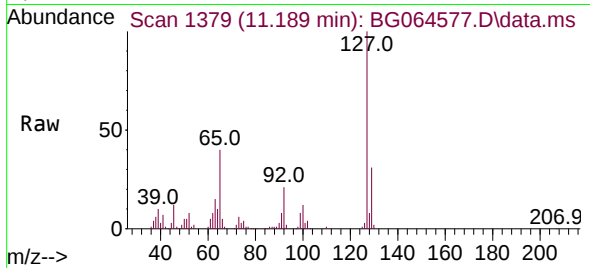




#33
4-Chloroaniline
Concen: 41.287 ng
RT: 11.189 min Scan# 1379
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

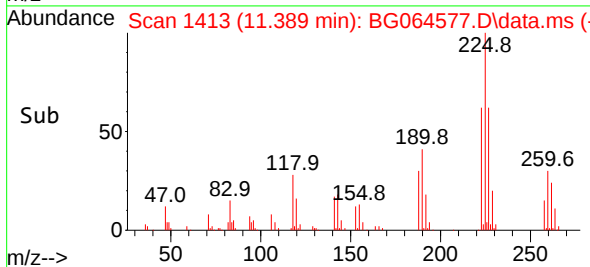
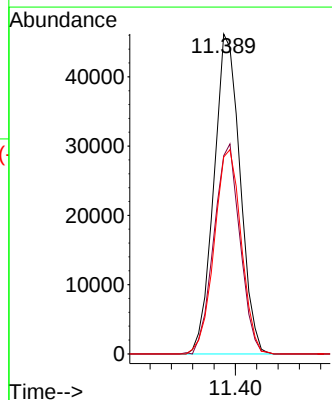
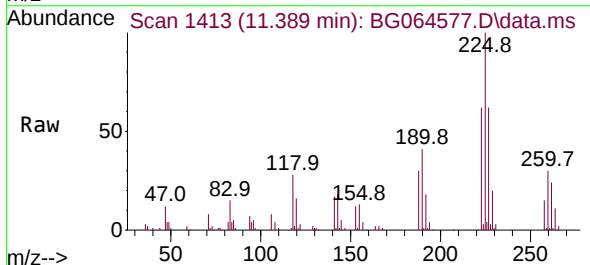
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

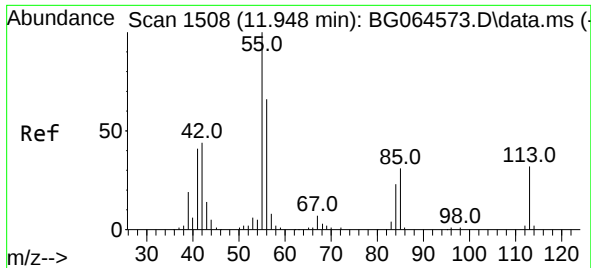
Tgt Ion:	127	Resp:	139799
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.5	38.3
65	40.0	32.2	48.4
92	21.0	18.2	27.2



#34
Hexachlorobutadiene
Concen: 35.242 ng
RT: 11.389 min Scan# 1413
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:	225	Resp:	78691
Ion	Ratio	Lower	Upper
225	100		
223	59.7	48.8	73.2
227	59.3	49.5	74.3

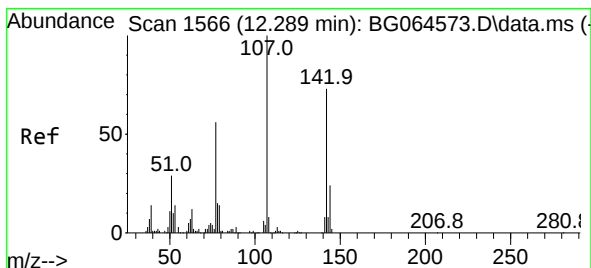
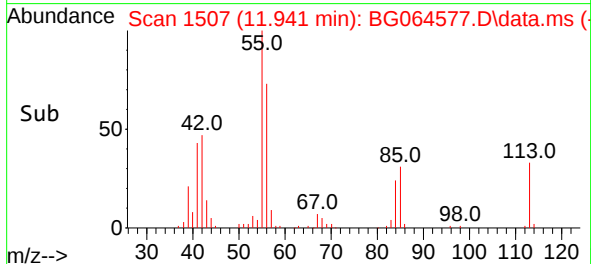
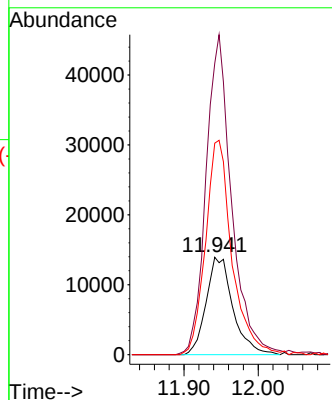
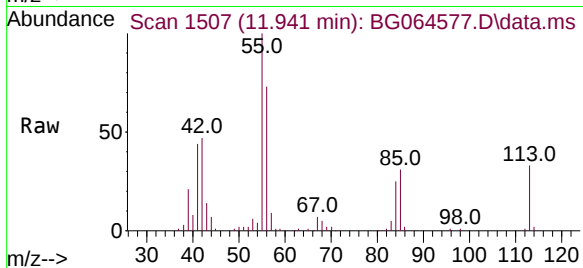




#35
 Caprolactam
 Concen: 36.326 ng
 RT: 11.941 min Scan# 11
 Delta R.T. -0.007 min
 Lab File: BG064577.D
 Acq: 24 Oct 2025 16:47

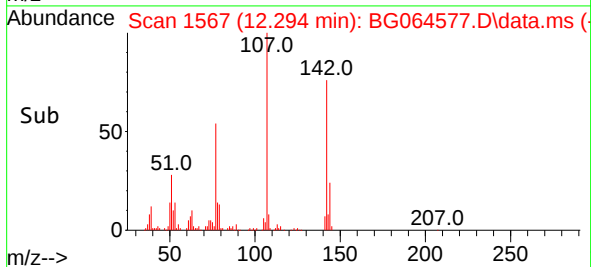
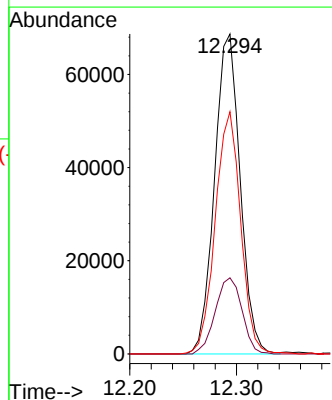
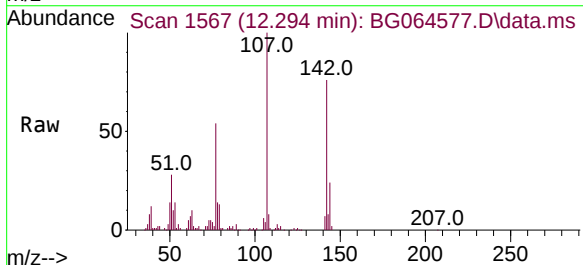
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG102425

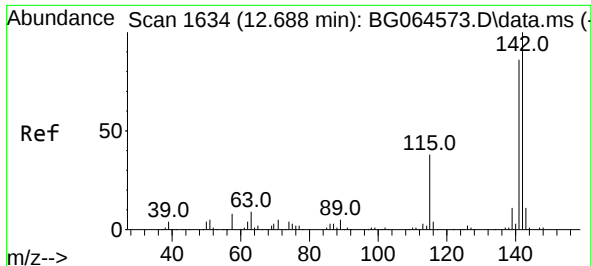
Tgt Ion:113 Resp: 35011
 Ion Ratio Lower Upper
 113 100
 55 299.0 290.1 330.1
 56 217.0 183.8 223.8



#36
 4-Chloro-3-methylphenol
 Concen: 38.049 ng
 RT: 12.294 min Scan# 1567
 Delta R.T. 0.005 min
 Lab File: BG064577.D
 Acq: 24 Oct 2025 16:47

Tgt Ion:107 Resp: 114927
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.1 28.7
 142 75.7 58.6 87.8

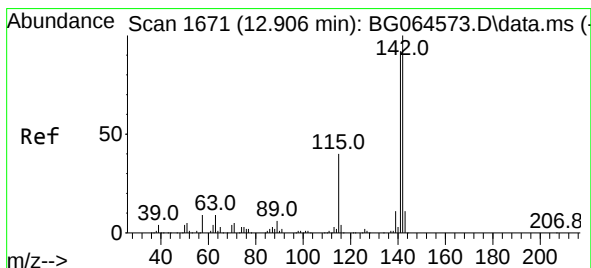
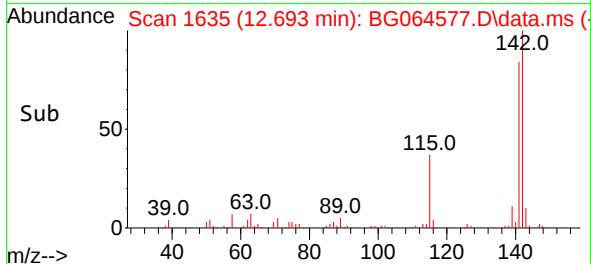
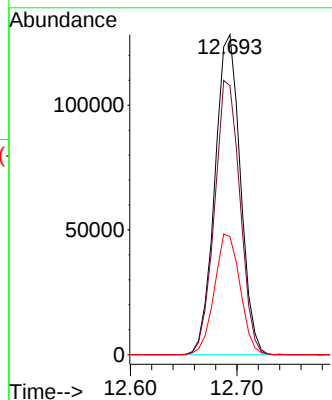
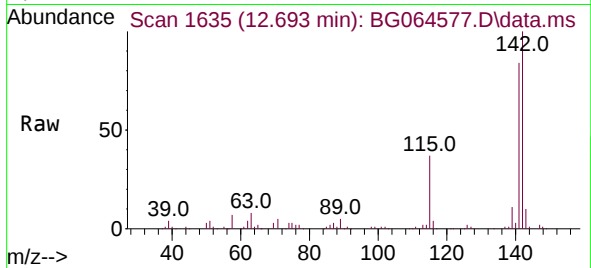




#37
2-Methylnaphthalene
Concen: 33.388 ng
RT: 12.693 min Scan# 1635
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

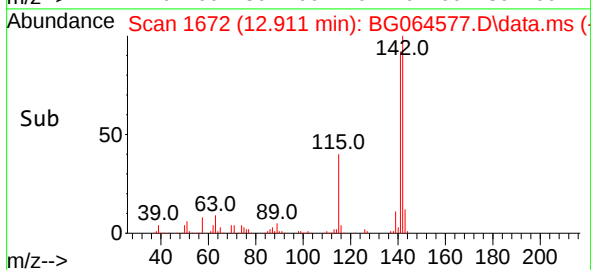
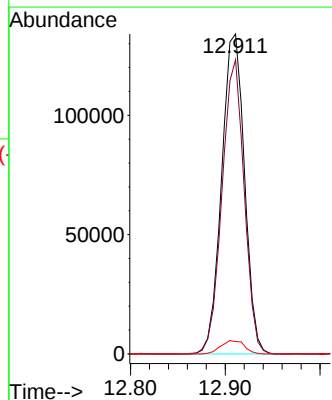
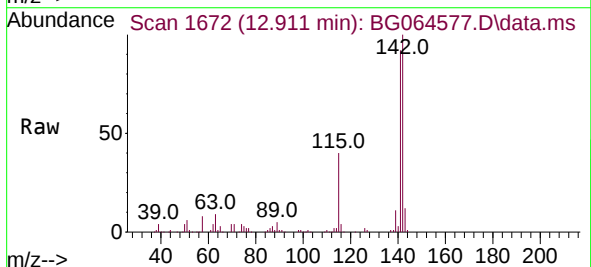
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

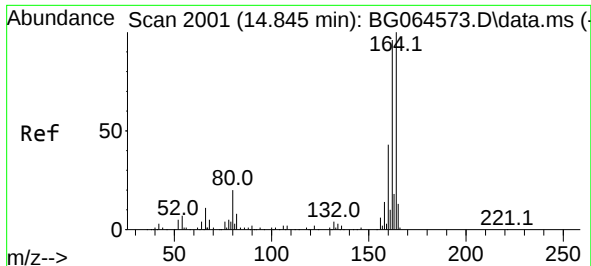
Tgt Ion:142 Resp: 213545
Ion Ratio Lower Upper
142 100
141 84.0 68.9 103.3
115 36.8 30.6 46.0



#38
1-Methylnaphthalene
Concen: 35.513 ng
RT: 12.911 min Scan# 1672
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:142 Resp: 224857
Ion Ratio Lower Upper
142 100
141 91.9 73.3 109.9
116 3.8 3.1 4.7

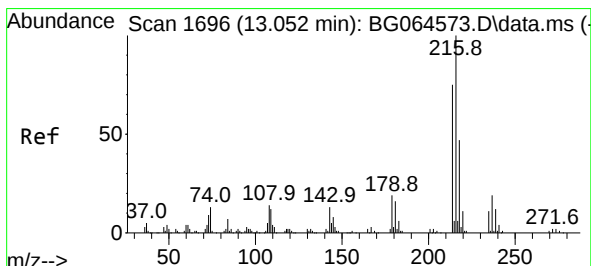
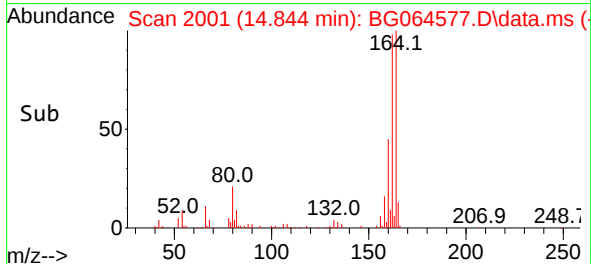
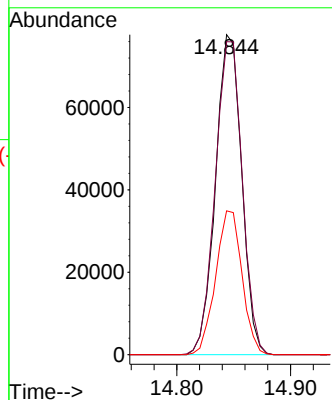
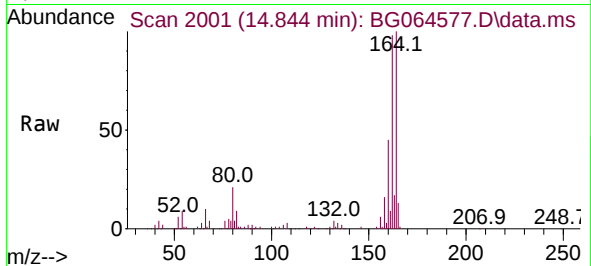




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.844 min Scan# 2001
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

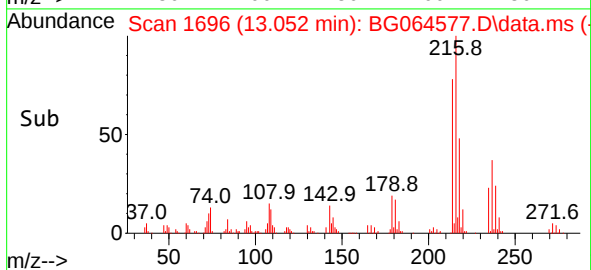
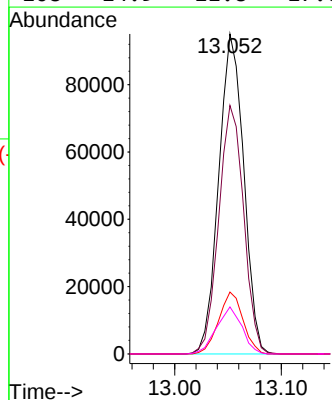
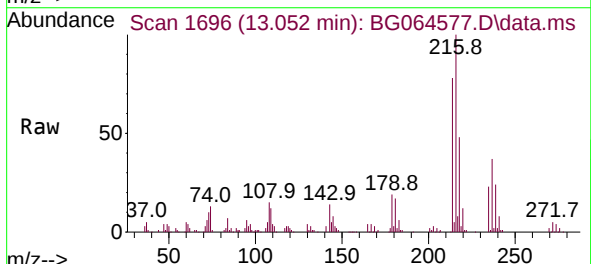
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

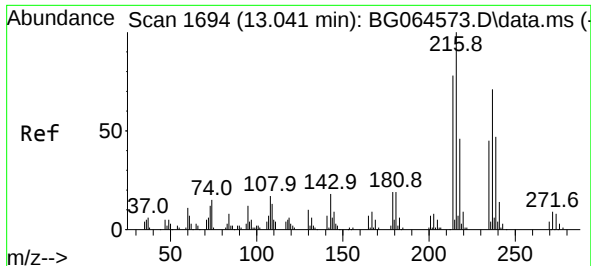
Tgt Ion:164 Resp: 124202
Ion Ratio Lower Upper
164 100
162 97.8 77.0 115.6
160 44.9 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.146 ng
RT: 13.052 min Scan# 1696
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

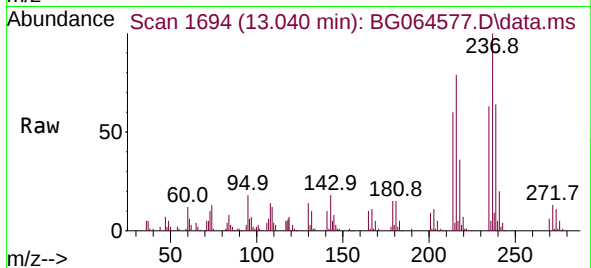
Tgt Ion:216 Resp: 154838
Ion Ratio Lower Upper
216 100
214 77.4 61.4 92.2
179 18.9 15.4 23.0
108 14.9 11.8 17.6



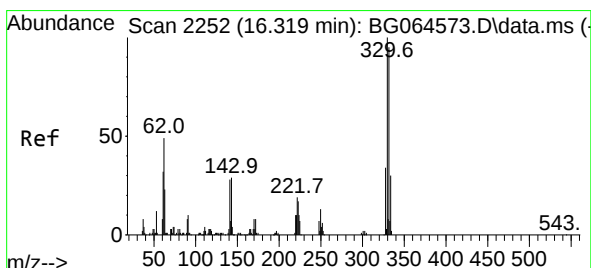
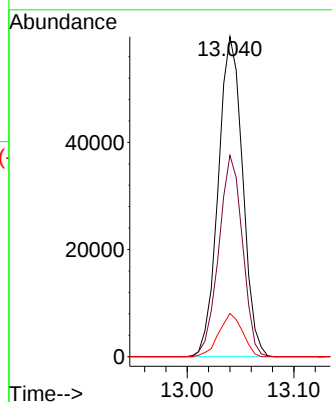
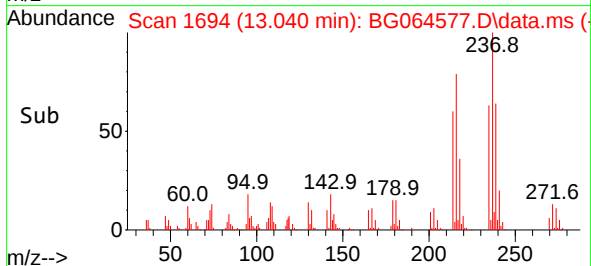


#41
Hexachlorocyclopentadiene
Concen: 50.669 ng
RT: 13.040 min Scan# 1694
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

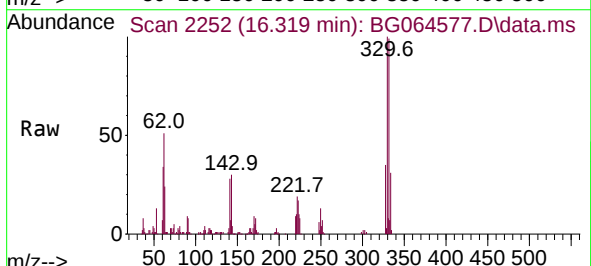
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



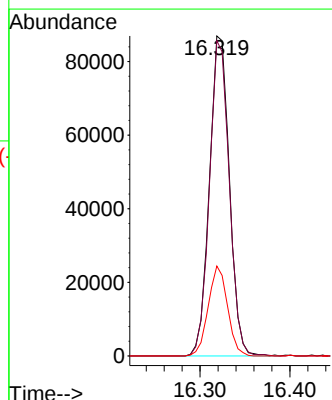
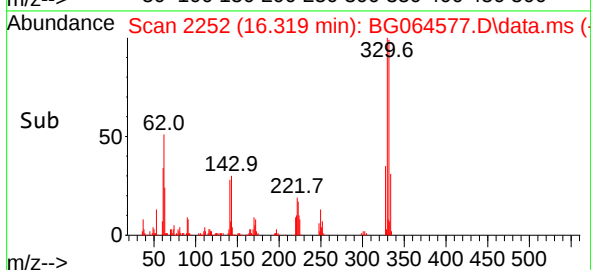
Tgt Ion:237 Resp: 95065
Ion Ratio Lower Upper
237 100
235 62.9 44.1 84.1
272 13.5 0.0 32.4

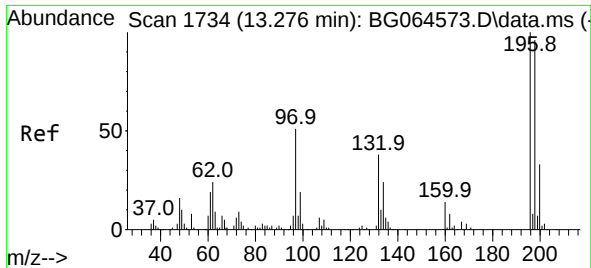


#42
2,4,6-Tribromophenol
Concen: 75.074 ng
RT: 16.319 min Scan# 2252
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47



Tgt Ion:330 Resp: 134578
Ion Ratio Lower Upper
330 100
332 97.4 78.0 117.0
141 27.0 21.8 32.6

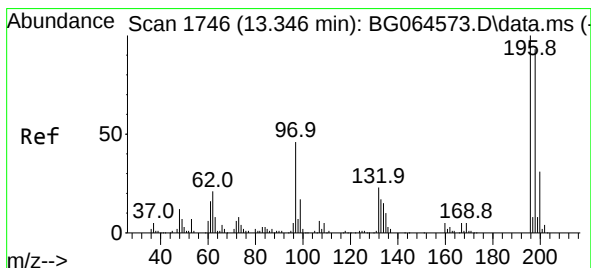
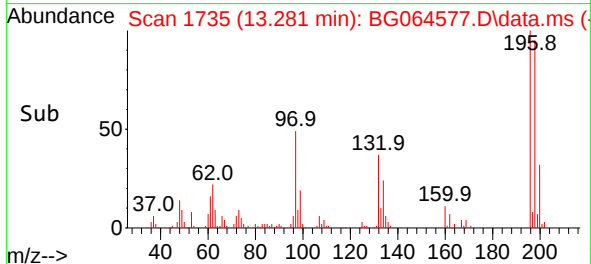
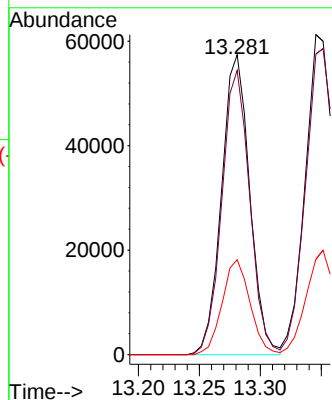
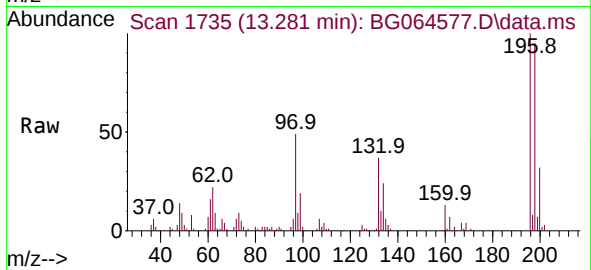




#43
2,4,6-Trichlorophenol
Concen: 38.726 ng
RT: 13.281 min Scan# 1735
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

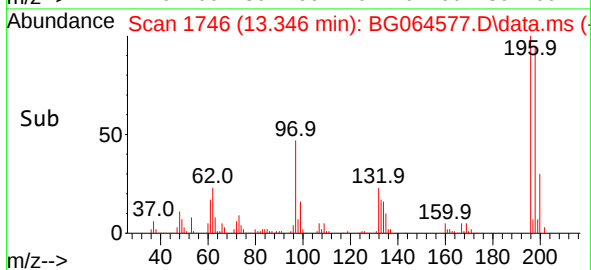
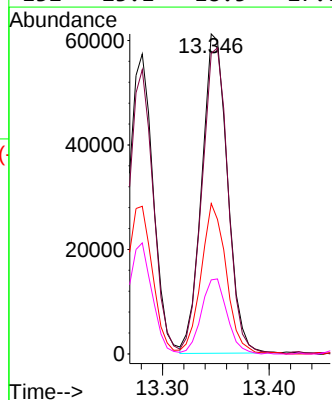
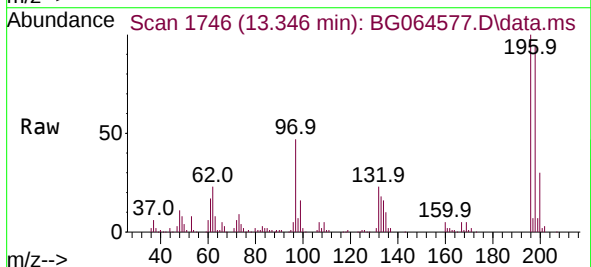
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

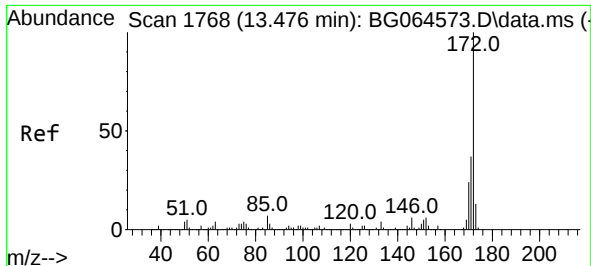
Tgt Ion:196 Resp: 92335
Ion Ratio Lower Upper
196 100
198 94.8 76.6 115.0
200 31.7 26.0 39.0



#44
2,4,5-Trichlorophenol
Concen: 37.228 ng
RT: 13.346 min Scan# 1746
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

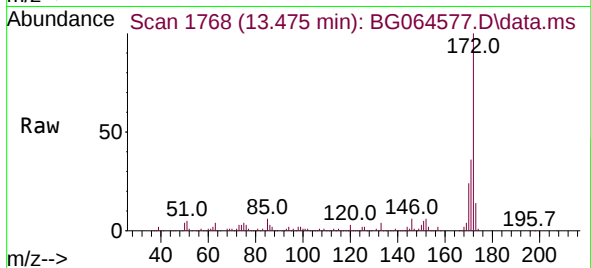
Tgt Ion:196 Resp: 102433
Ion Ratio Lower Upper
196 100
198 93.9 74.2 111.4
97 47.0 37.0 55.6
132 23.1 18.5 27.7



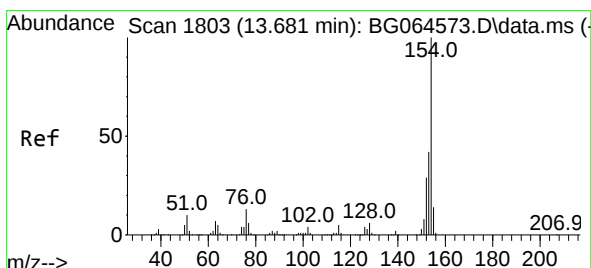
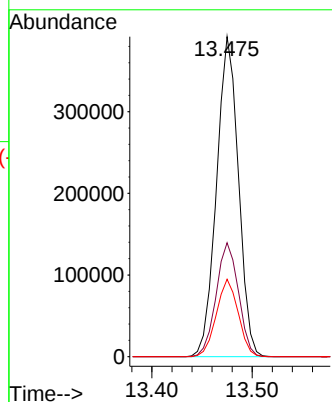
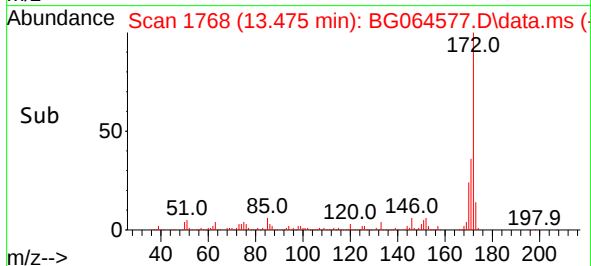


#45
2-Fluorobiphenyl
Concen: 72.599 ng
RT: 13.475 min Scan# 1768
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

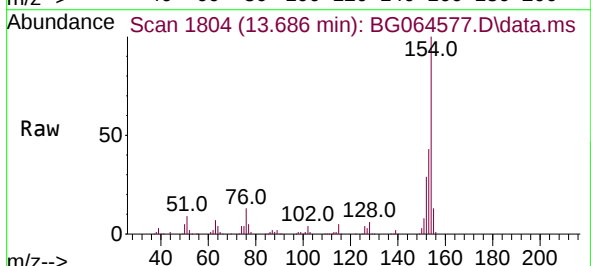
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



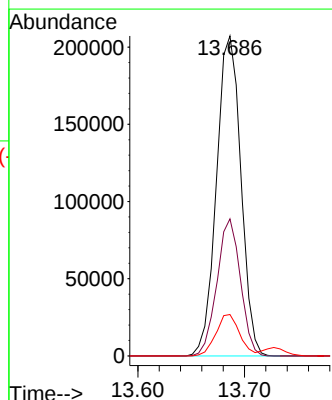
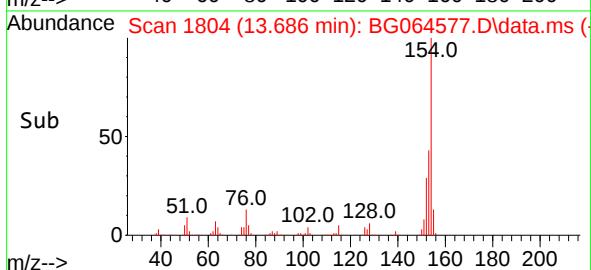
Tgt Ion:172 Resp: 594887
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 24.2 19.1 28.7

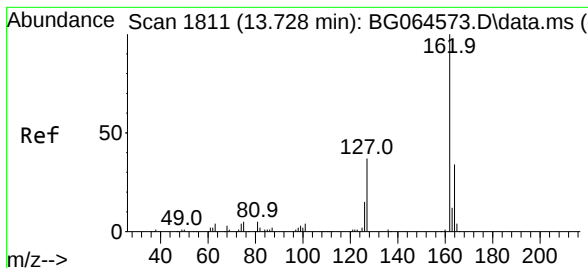


#46
1,1'-Biphenyl
Concen: 37.331 ng
RT: 13.686 min Scan# 1804
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47



Tgt Ion:154 Resp: 329629
Ion Ratio Lower Upper
154 100
153 42.8 22.4 62.4
76 12.9 0.0 33.5

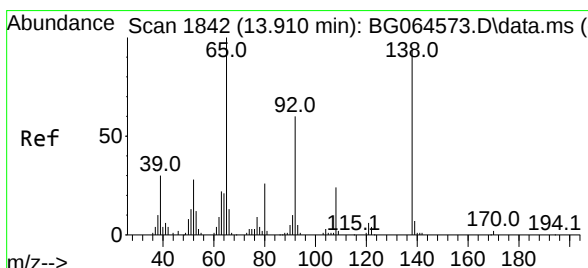
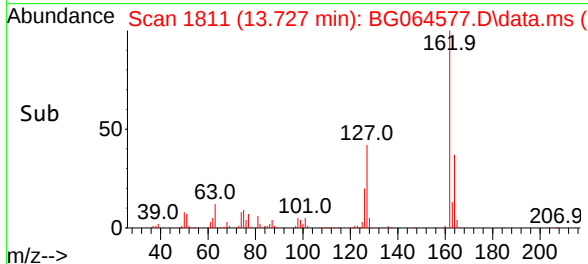
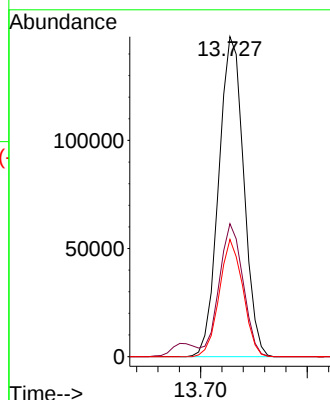
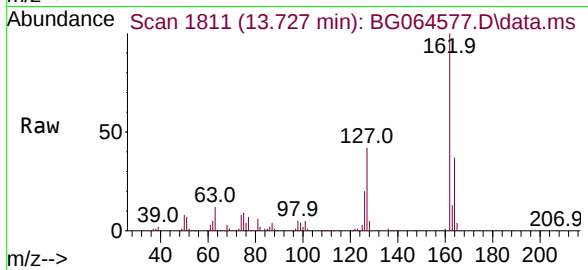




#47
2-Chloronaphthalene
Concen: 36.205 ng
RT: 13.727 min Scan# 1811
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

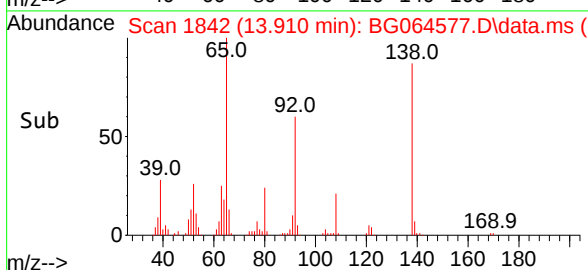
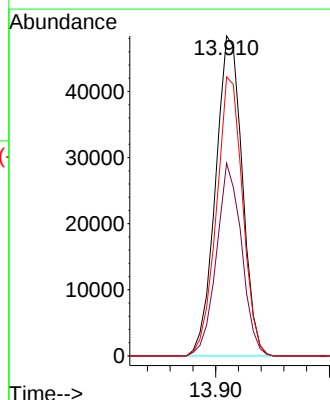
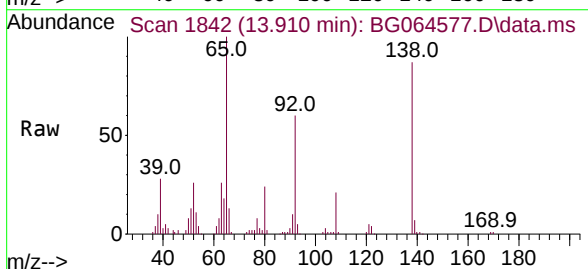
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

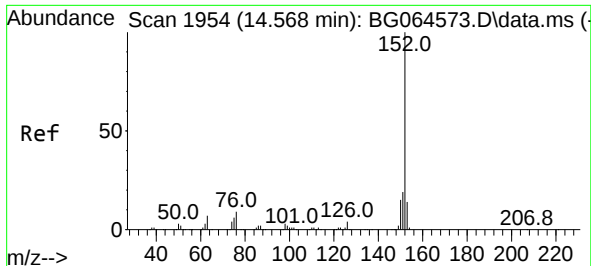
Tgt Ion:162 Resp: 241311
Ion Ratio Lower Upper
162 100
127 41.5 32.2 48.2
164 36.6 27.5 41.3



#48
2-Nitroaniline
Concen: 36.129 ng
RT: 13.910 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion: 65 Resp: 78927
Ion Ratio Lower Upper
65 100
92 60.2 48.3 72.5
138 87.2 74.9 112.3

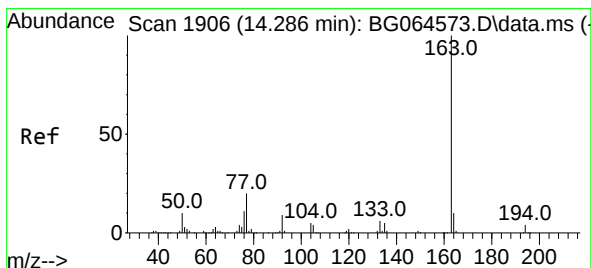
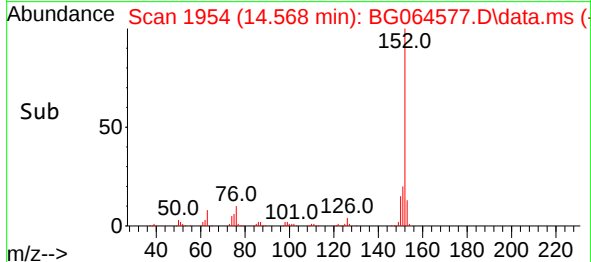
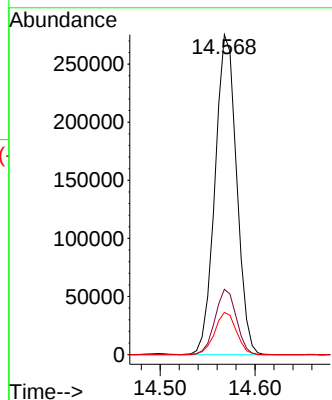
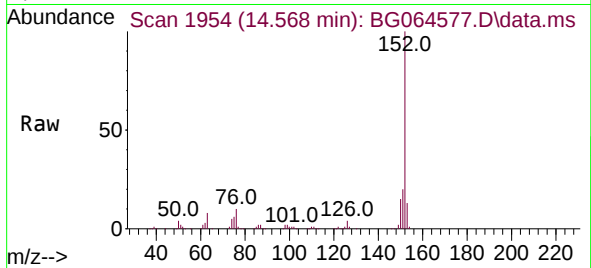




#49
Acenaphthylene
Concen: 41.457 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

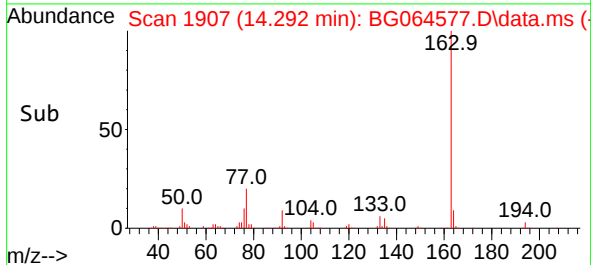
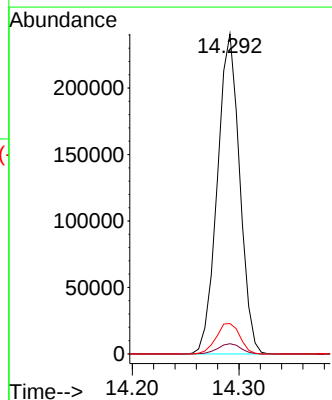
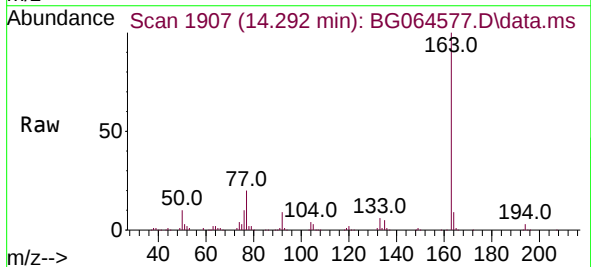
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

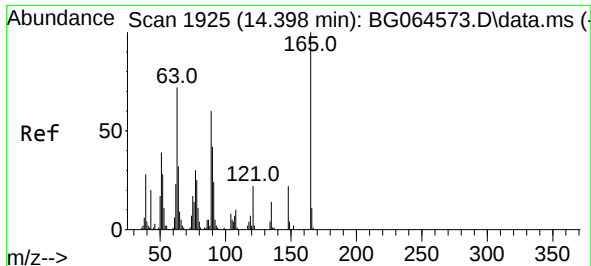
Tgt Ion:152 Resp: 435836
Ion Ratio Lower Upper
152 100
151 20.5 15.4 23.2
153 13.2 11.0 16.4



#50
Dimethylphthalate
Concen: 36.890 ng
RT: 14.292 min Scan# 1907
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:163 Resp: 350600
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 9.5 7.7 11.5

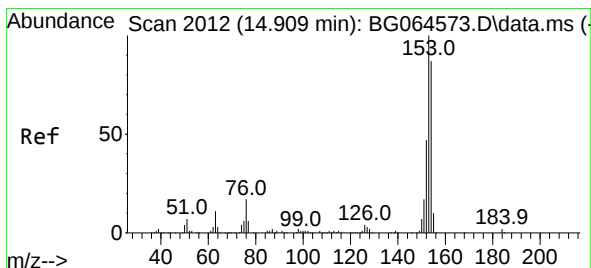
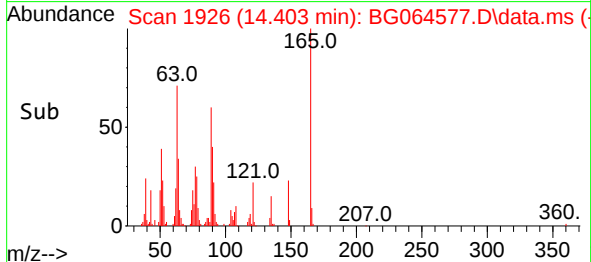
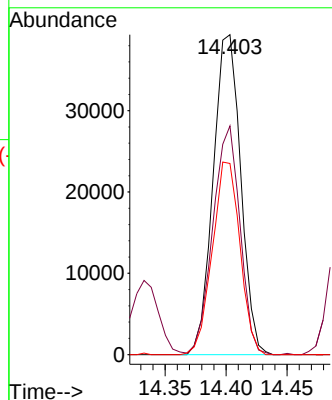
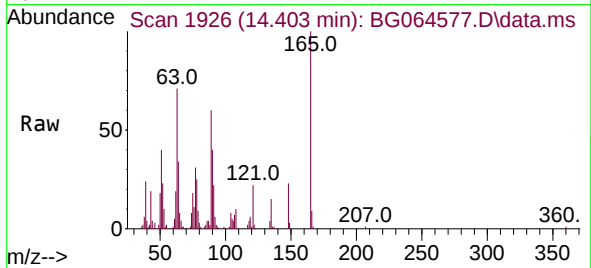




#51
2,6-Dinitrotoluene
Concen: 39.971 ng
RT: 14.403 min Scan# 1925
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

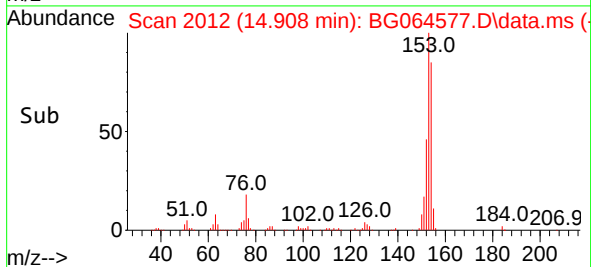
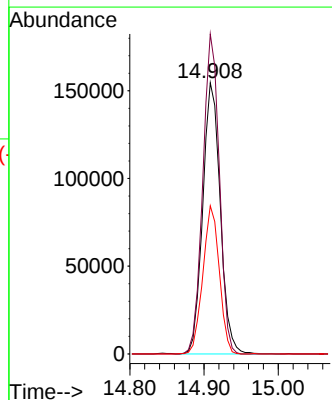
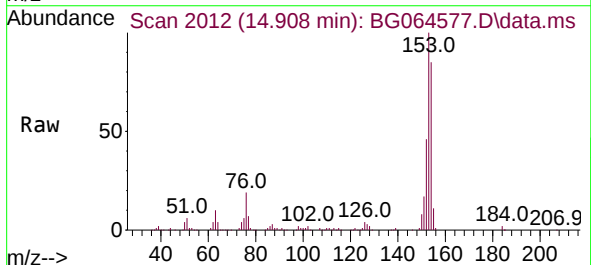
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

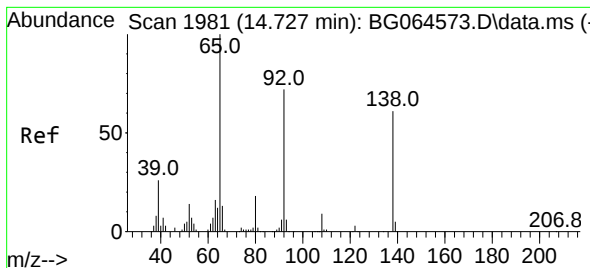
Tgt Ion:165 Resp: 61784
Ion Ratio Lower Upper
165 100
63 71.5 57.4 86.0
89 59.7 47.8 71.8



#52
Acenaphthene
Concen: 35.340 ng
RT: 14.908 min Scan# 2012
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:154 Resp: 253833
Ion Ratio Lower Upper
154 100
153 118.0 92.2 138.4
152 54.6 43.2 64.8

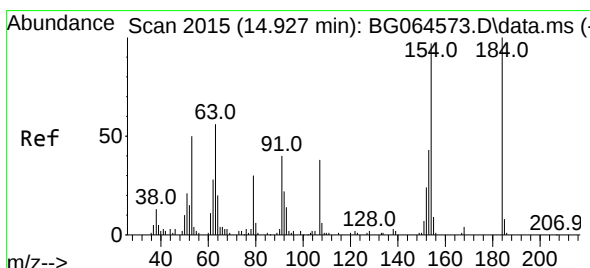
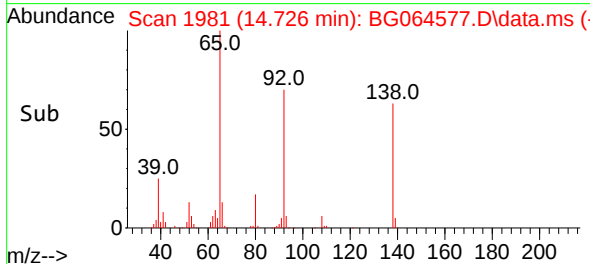
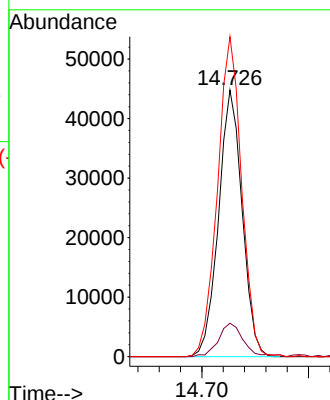
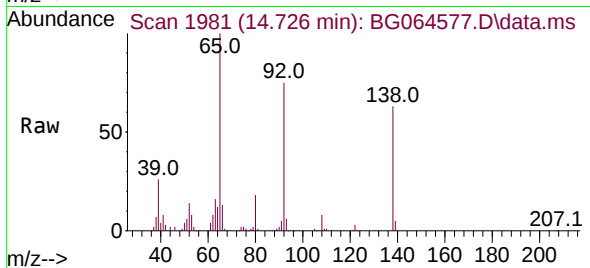




#53
3-Nitroaniline
Concen: 42.080 ng
RT: 14.726 min Scan# 1981
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

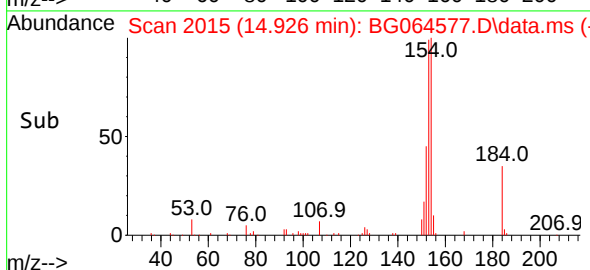
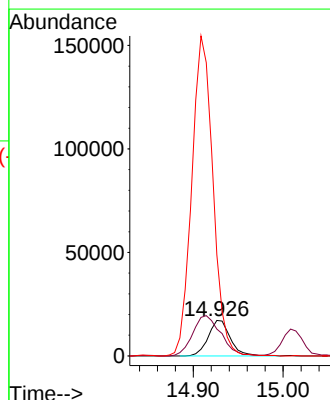
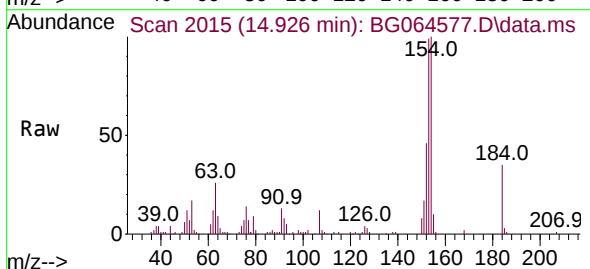
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

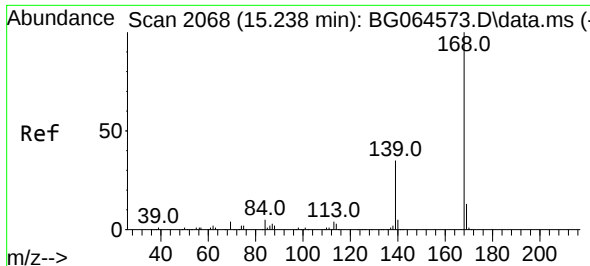
Tgt Ion:138 Resp: 68729
Ion Ratio Lower Upper
138 100
108 12.5 11.4 17.0
92 120.1 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 33.991 ng
RT: 14.926 min Scan# 2015
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:184 Resp: 29394
Ion Ratio Lower Upper
184 100
63 75.8 56.6 85.0
154 285.9 158.6 238.0#

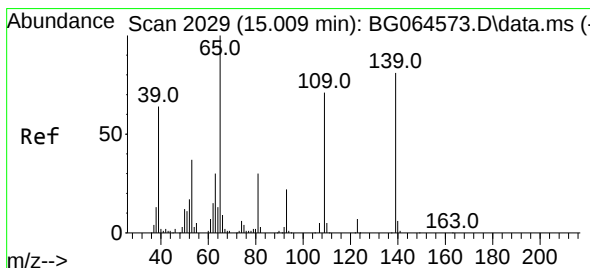
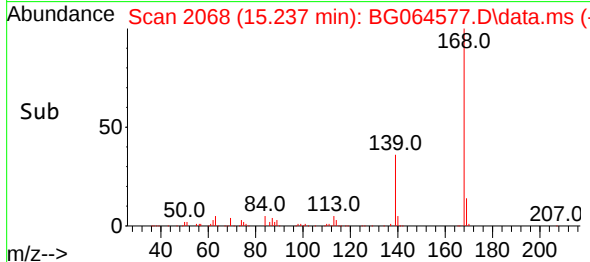
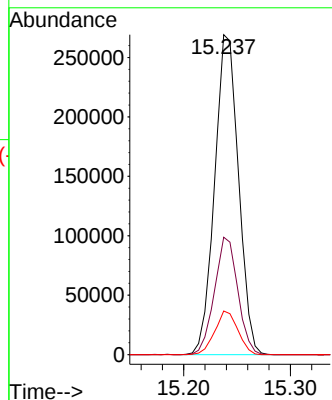
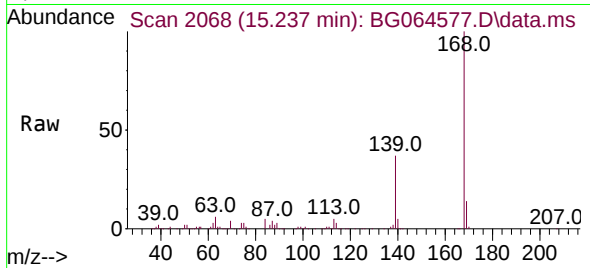




#55
Dibenzenofuran
Concen: 36.096 ng
RT: 15.237 min Scan# 2068
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

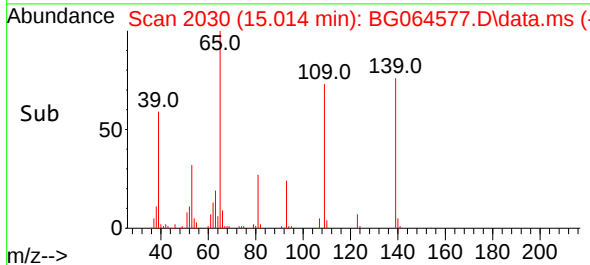
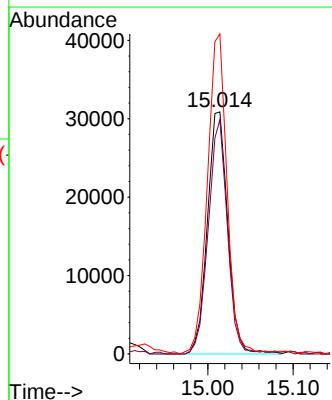
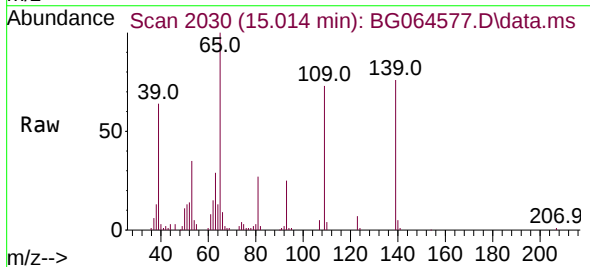
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

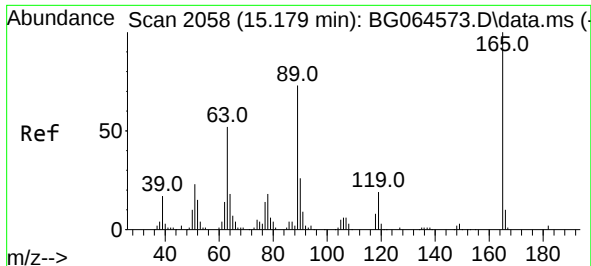
Tgt Ion:168 Resp: 419154
Ion Ratio Lower Upper
168 100
139 36.7 27.8 41.8
169 13.6 10.3 15.5



#56
4-Nitrophenol
Concen: 33.818 ng
RT: 15.014 min Scan# 2030
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:139 Resp: 51210
Ion Ratio Lower Upper
139 100
109 96.8 67.8 107.8
65 132.2 103.7 143.7





#57

2,4-Dinitrotoluene

Concen: 35.957 ng

RT: 15.185 min Scan# 2058

Delta R.T. 0.006 min

Lab File: BG064577.D

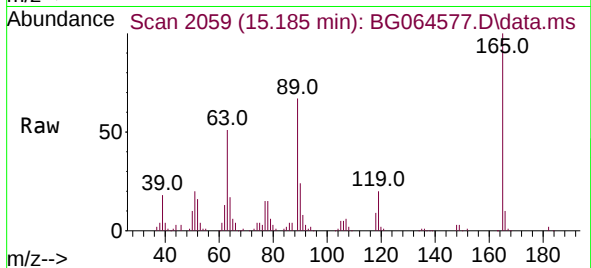
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425



Tgt Ion:165 Resp: 85201

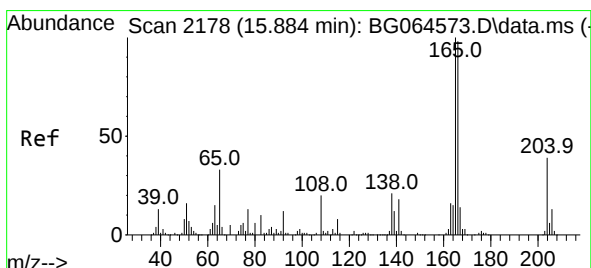
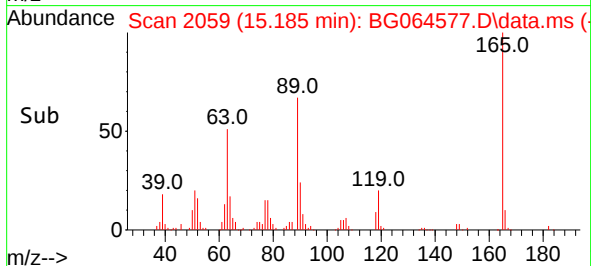
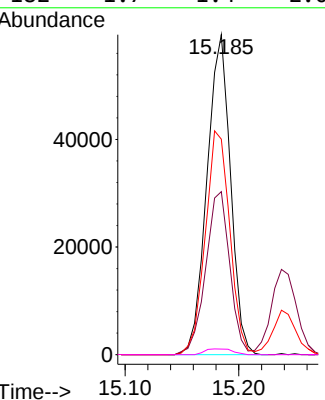
Ion Ratio Lower Upper

165 100

63 50.9 41.8 62.8

89 67.3 58.1 87.1

182 1.7 1.4 2.0



#58

Fluorene

Concen: 36.238 ng

RT: 15.890 min Scan# 2179

Delta R.T. 0.005 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

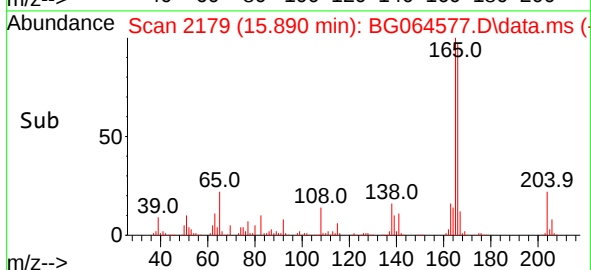
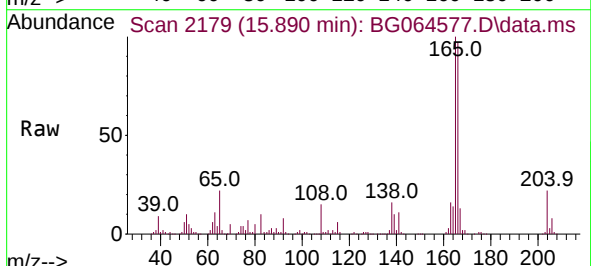
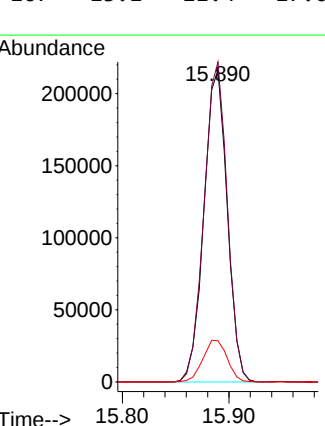
Tgt Ion:166 Resp: 328636

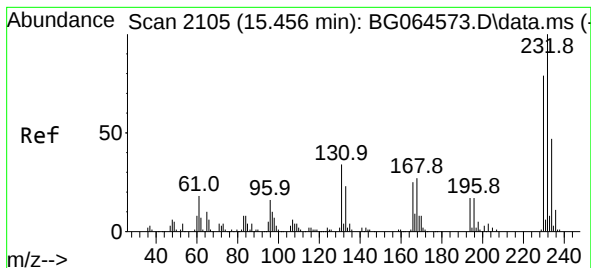
Ion Ratio Lower Upper

166 100

165 102.6 81.5 122.3

167 13.1 11.4 17.0

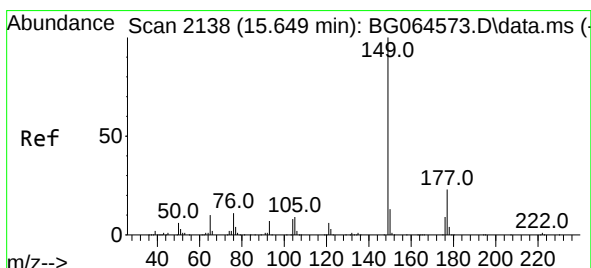
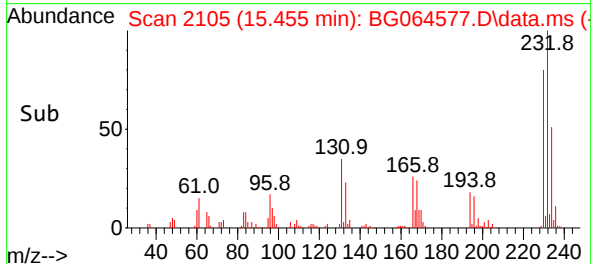
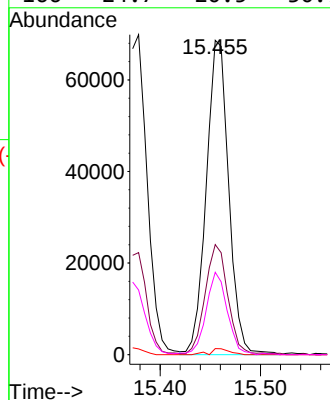
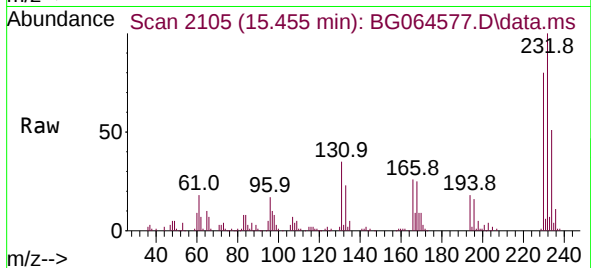




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.525 ng
RT: 15.455 min Scan# 2105
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

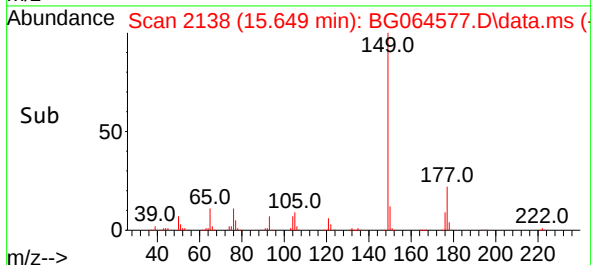
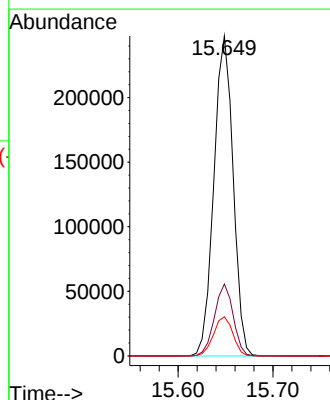
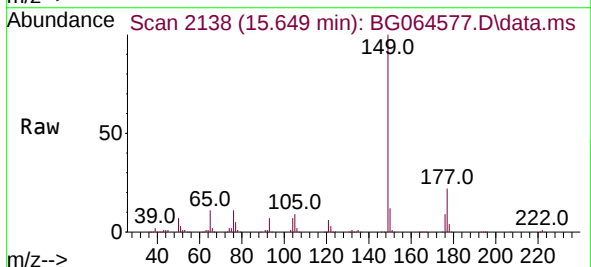
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

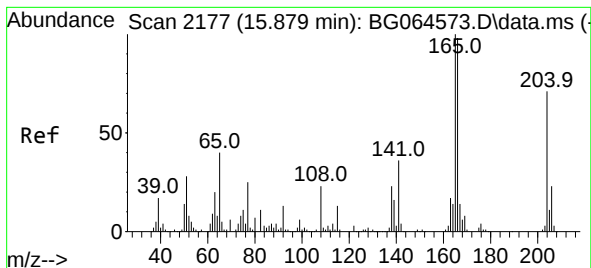
Tgt Ion:232 Resp: 106626
Ion Ratio Lower Upper
232 100
131 35.6 26.7 40.1
130 1.7 1.6 2.4
166 24.7 20.5 30.7



#60
Diethylphthalate
Concen: 35.961 ng
RT: 15.649 min Scan# 2138
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

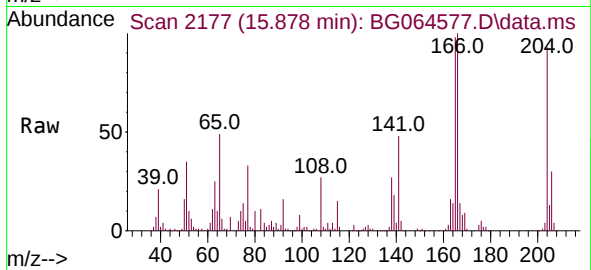
Tgt Ion:149 Resp: 348964
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 12.2 10.2 15.4



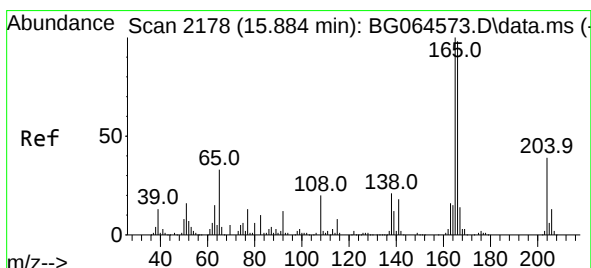
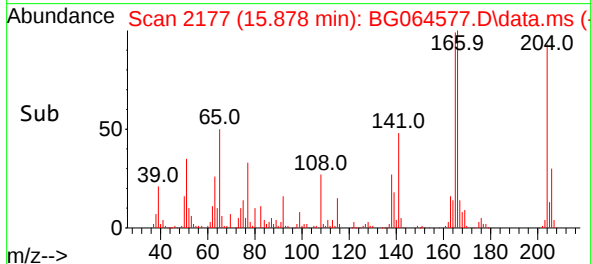
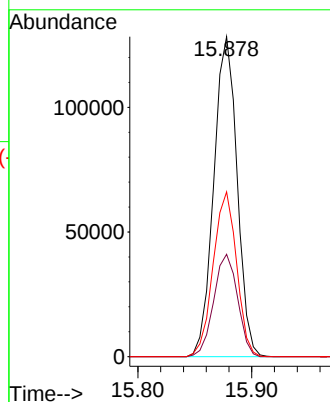


#61
4-Chlorophenyl-phenylether
Concen: 35.902 ng
RT: 15.878 min Scan# 2177
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

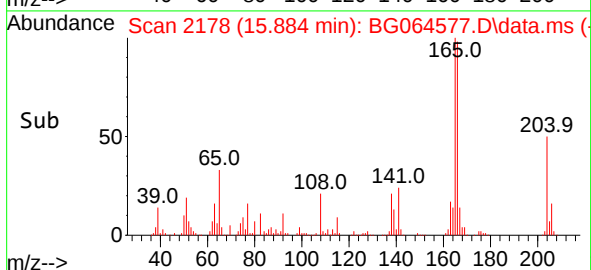
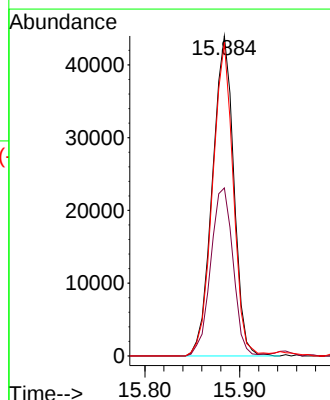
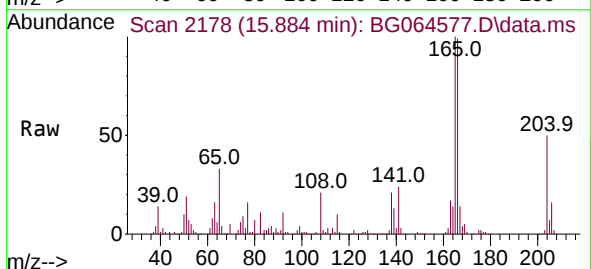


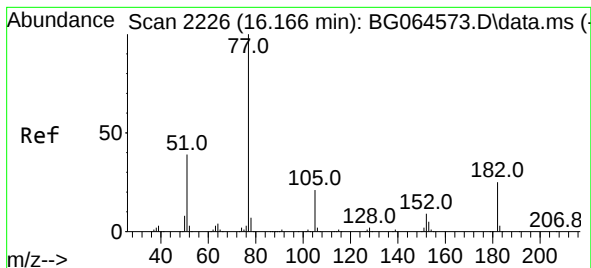
Tgt Ion:204 Resp: 182714
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 51.5 40.6 60.8



#62
4-Nitroaniline
Concen: 37.867 ng
RT: 15.884 min Scan# 2178
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:138 Resp: 68807
Ion Ratio Lower Upper
138 100
92 52.5 36.1 76.1
108 97.9 75.6 115.6





#63

Azobenzene

Concen: 36.325 ng

RT: 16.172 min Scan# 2227

Delta R.T. 0.005 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

Tgt Ion: 77 Resp: 323432

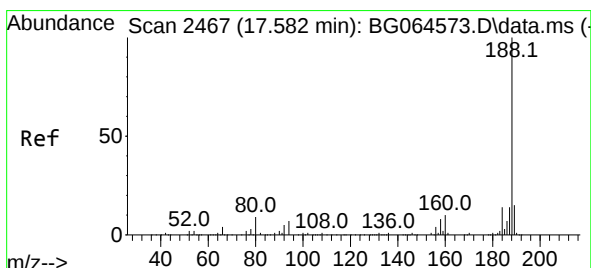
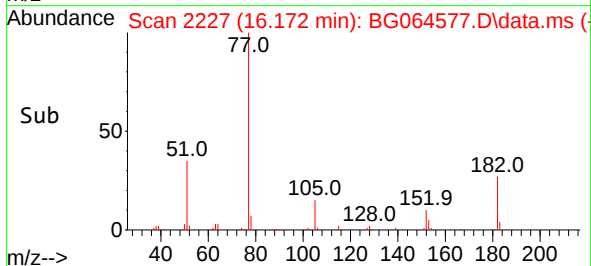
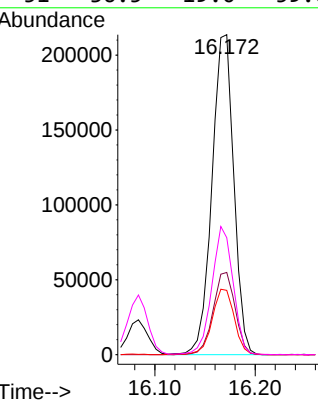
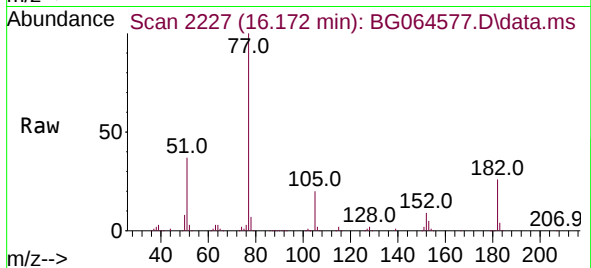
Ion Ratio Lower Upper

77 100

182 25.7 4.9 44.9

105 20.1 1.3 41.3

51 36.5 19.0 59.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.582 min Scan# 2467

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

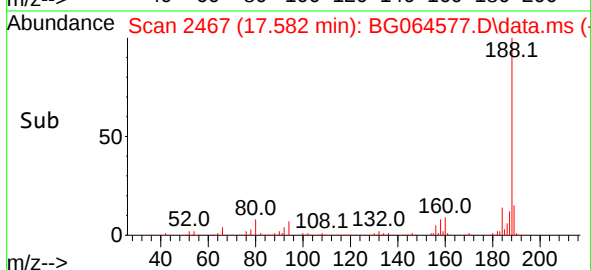
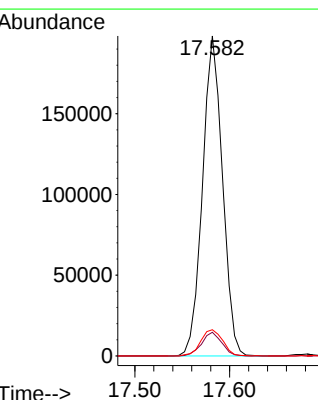
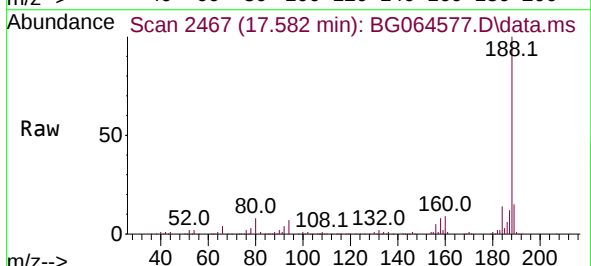
Tgt Ion: 188 Resp: 290051

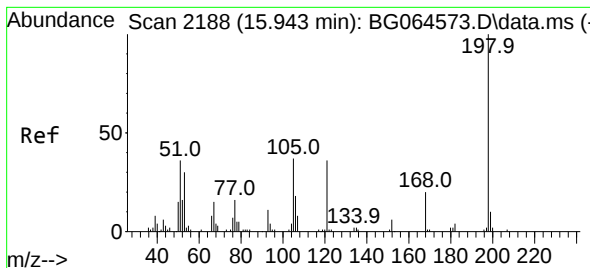
Ion Ratio Lower Upper

188 100

94 7.4 5.7 8.5

80 8.2 6.8 10.2

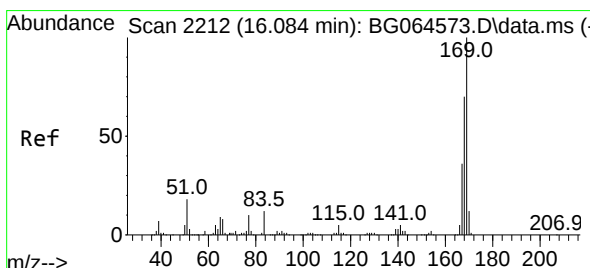
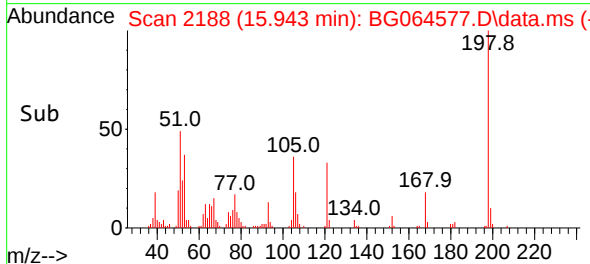
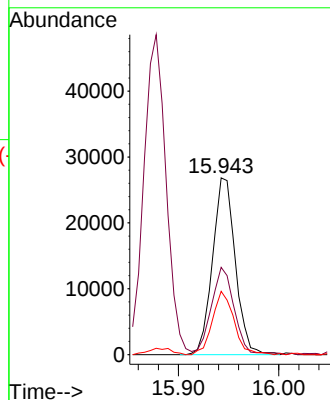
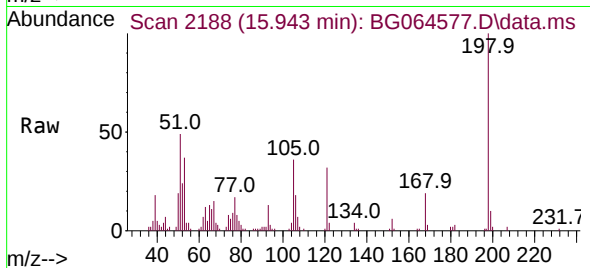




#65
4,6-Dinitro-2-methylphenol
Concen: 34.885 ng
RT: 15.943 min Scan# 2188
Delta R.T. -0.000 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

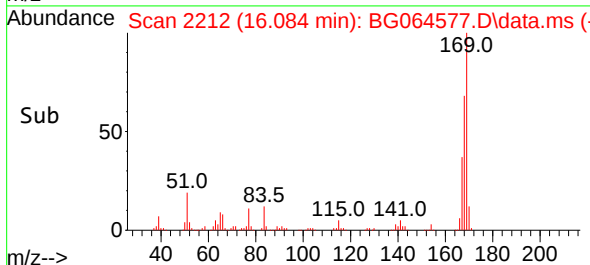
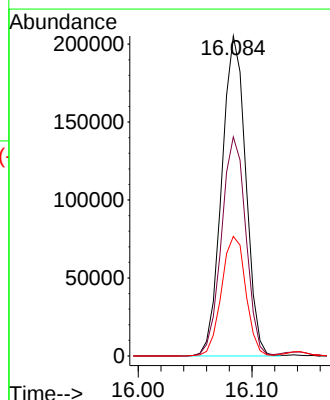
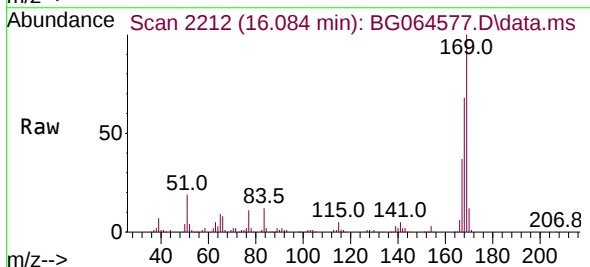
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

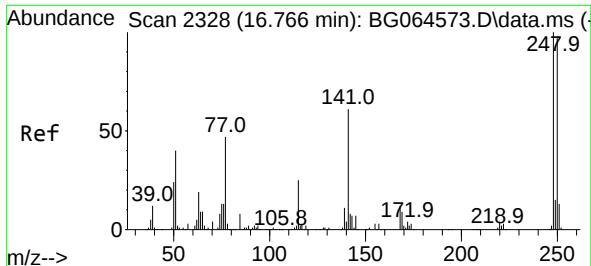
Tgt Ion:198 Resp: 42391
Ion Ratio Lower Upper
198 100
51 49.5 24.7 64.7
105 35.9 18.0 58.0



#66
n-Nitrosodiphenylamine
Concen: 38.325 ng
RT: 16.084 min Scan# 2212
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:169 Resp: 300274
Ion Ratio Lower Upper
169 100
168 68.4 56.3 84.5
167 37.3 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 38.044 ng

RT: 16.771 min Scan# 2328

Delta R.T. 0.005 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

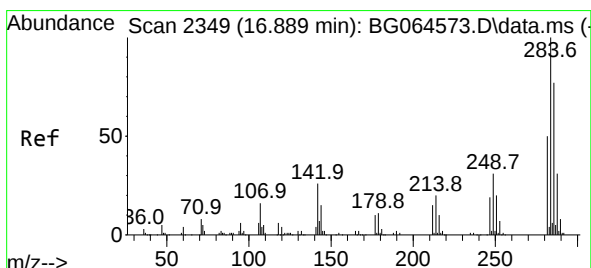
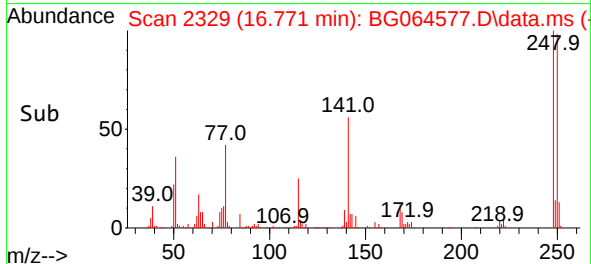
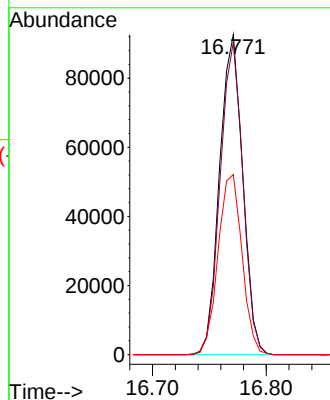
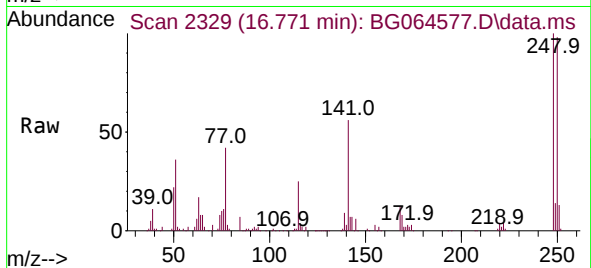
Tgt Ion:248 Resp: 130765

Ion Ratio Lower Upper

248 100

250 97.6 77.7 116.5

141 56.3 48.6 72.8



#68

Hexachlorobenzene

Concen: 36.971 ng

RT: 16.888 min Scan# 2349

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

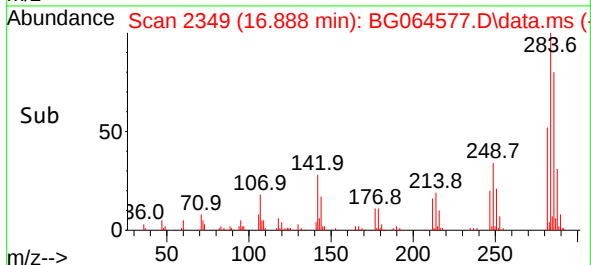
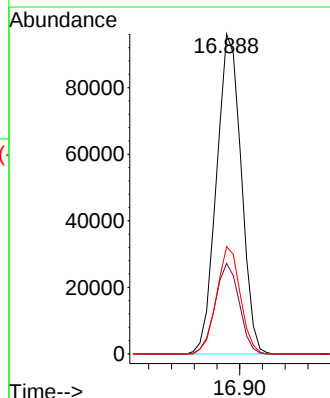
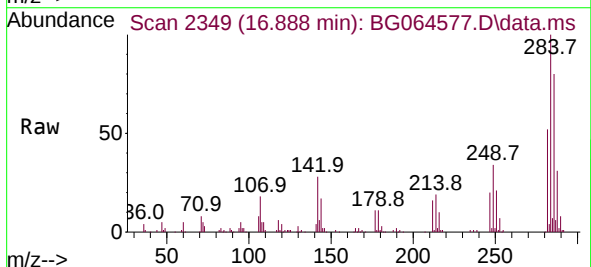
Tgt Ion:284 Resp: 144974

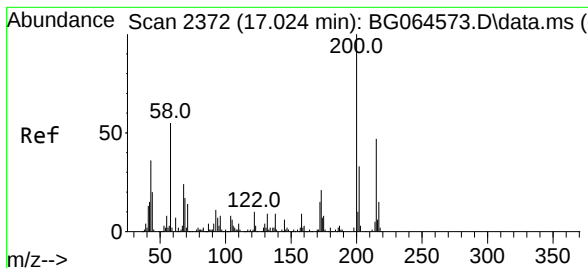
Ion Ratio Lower Upper

284 100

142 28.3 21.0 31.6

249 33.5 24.9 37.3





#69

Atrazine

Concen: 38.558 ng

RT: 17.024 min Scan# 2372

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

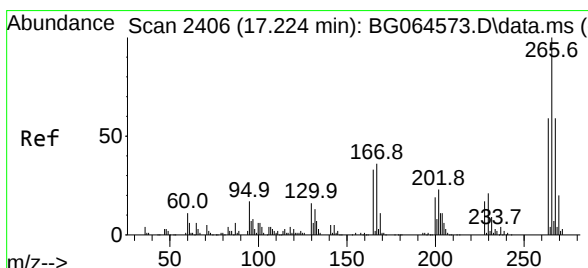
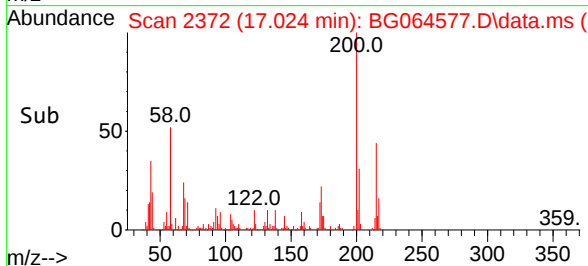
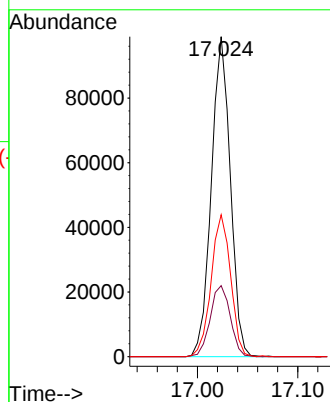
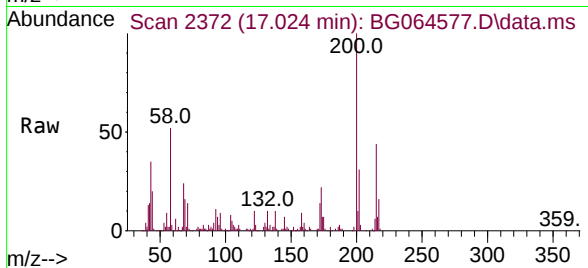
Tgt Ion:200 Resp: 130007

Ion Ratio Lower Upper

200 100

173 22.2 0.9 40.9

215 44.3 27.0 67.0



#70

Pentachlorophenol

Concen: 34.829 ng

RT: 17.223 min Scan# 2406

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

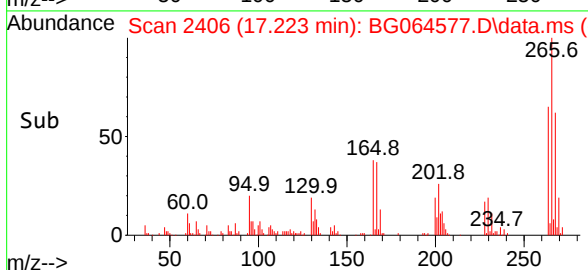
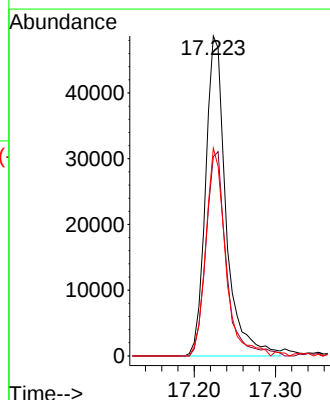
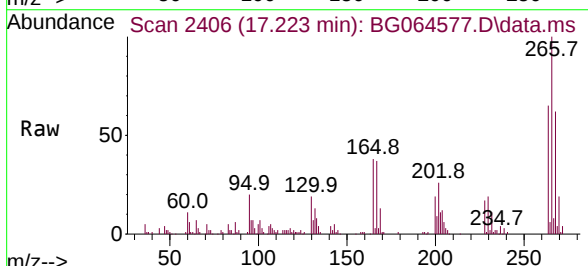
Tgt Ion:266 Resp: 85166

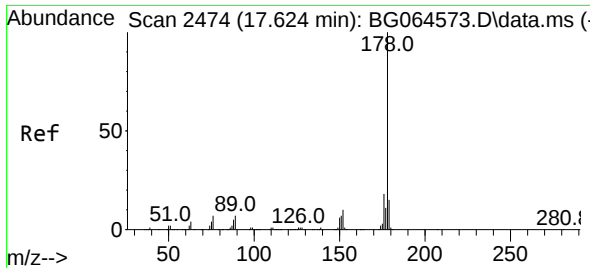
Ion Ratio Lower Upper

266 100

268 66.7 50.3 75.5

264 70.5 47.3 70.9

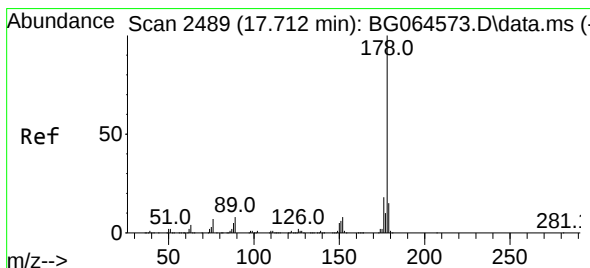
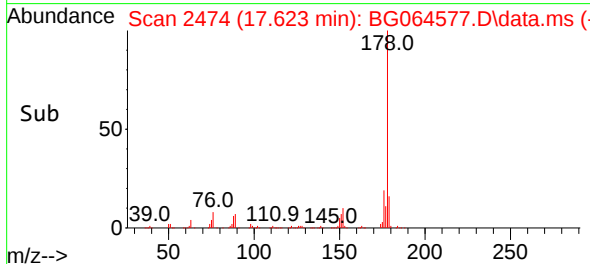
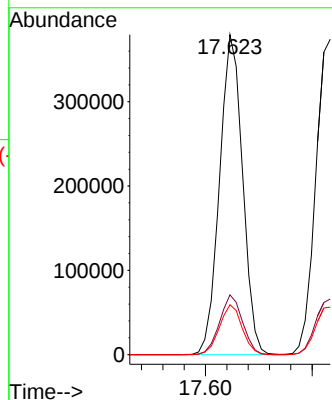
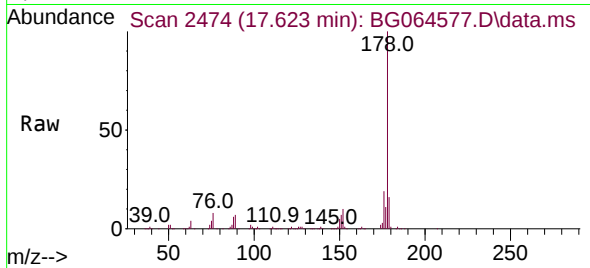




#71
Phenanthrene
Concen: 35.925 ng
RT: 17.623 min Scan# 2474
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

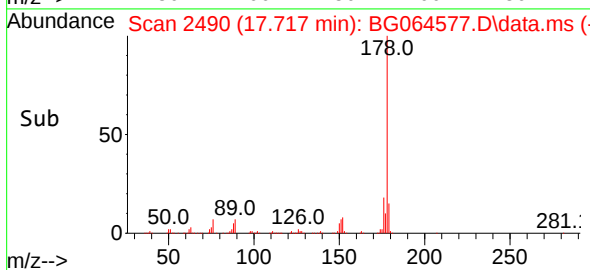
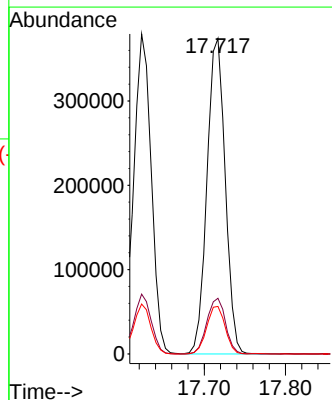
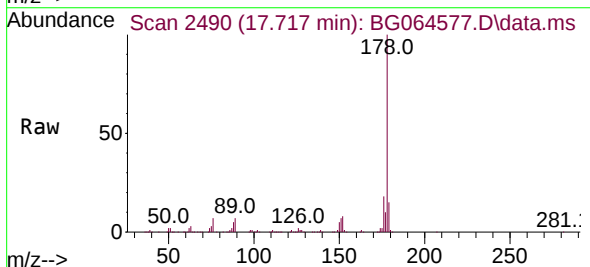
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

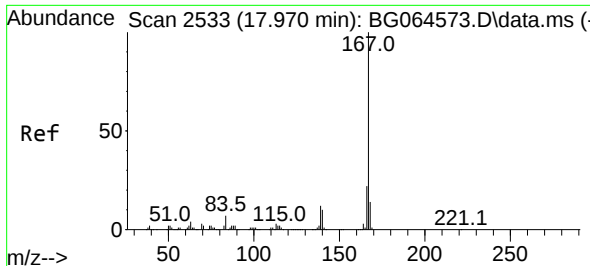
Tgt Ion:178 Resp: 569825
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.6 12.2 18.4



#72
Anthracene
Concen: 36.210 ng
RT: 17.717 min Scan# 2490
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:178 Resp: 584246
Ion Ratio Lower Upper
178 100
176 17.6 14.4 21.6
179 15.1 12.4 18.6

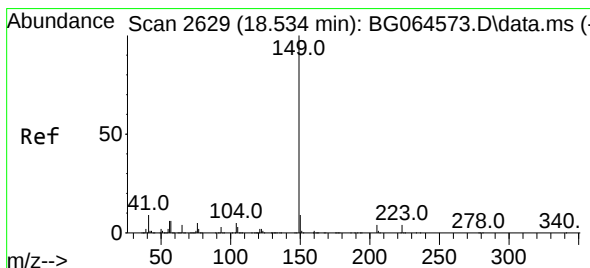
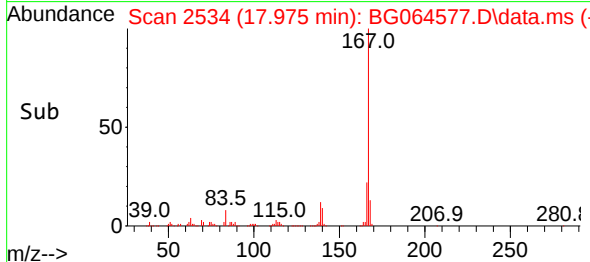
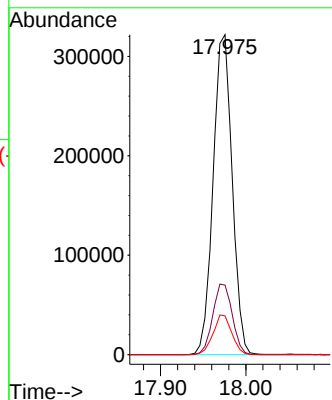
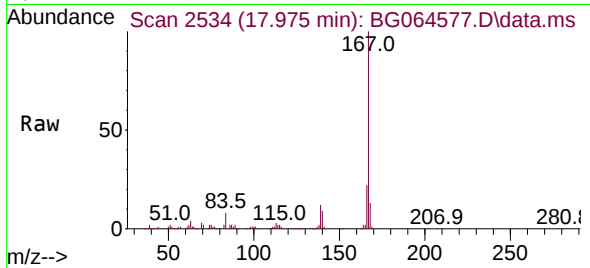




#73
 Carbazole
 Concen: 35.061 ng
 RT: 17.975 min Scan# 2533
 Delta R.T. 0.005 min
 Lab File: BG064577.D
 Acq: 24 Oct 2025 16:47

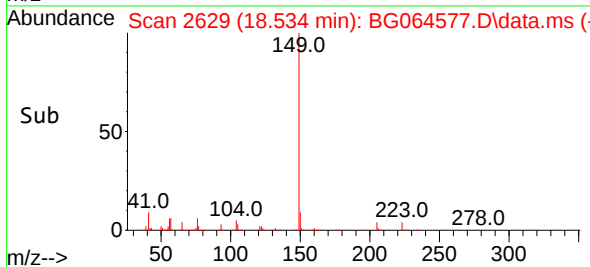
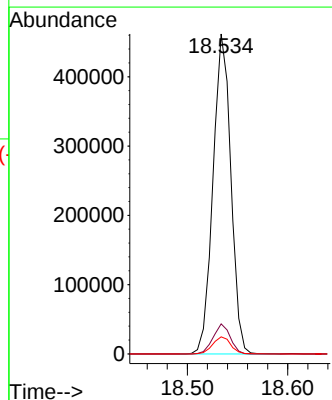
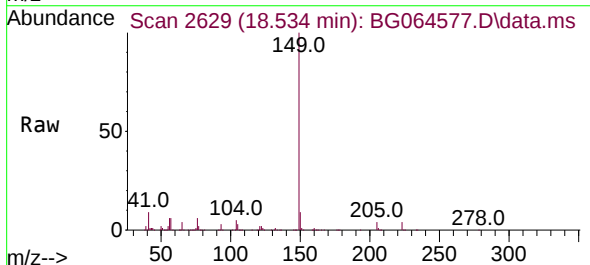
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG102425

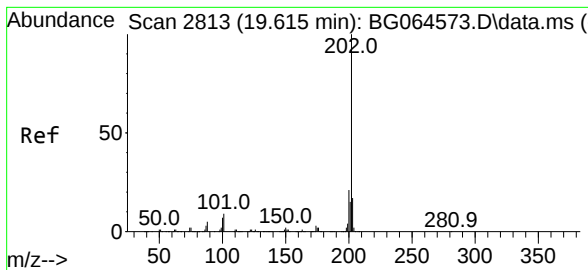
Tgt Ion:167 Resp: 498849
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.9 26.9
 139 12.1 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 34.688 ng
 RT: 18.534 min Scan# 2629
 Delta R.T. -0.001 min
 Lab File: BG064577.D
 Acq: 24 Oct 2025 16:47

Tgt Ion:149 Resp: 570718
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.0 10.6
 104 5.3 4.1 6.1

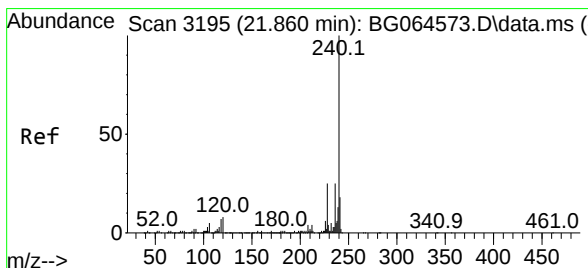
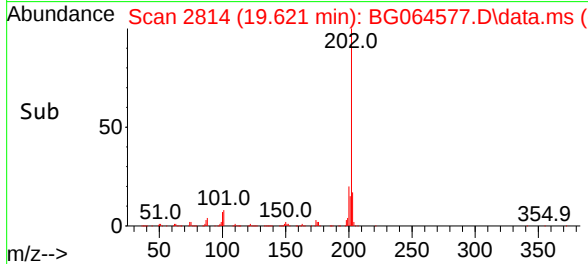
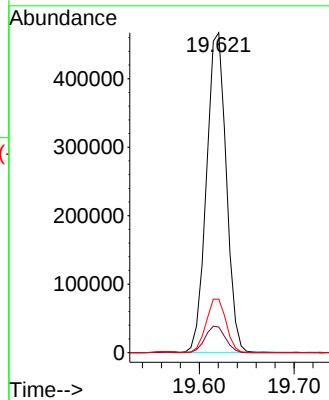
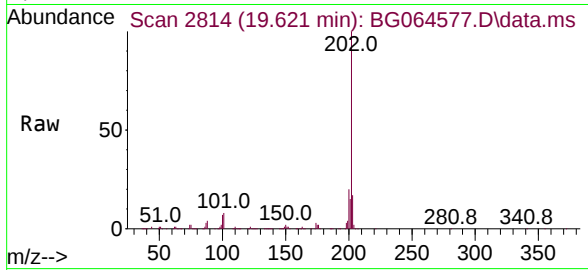




#75
 Fluoranthene
 Concen: 34.070 ng
 RT: 19.621 min Scan# 2814
 Delta R.T. 0.005 min
 Lab File: BG064577.D
 Acq: 24 Oct 2025 16:47

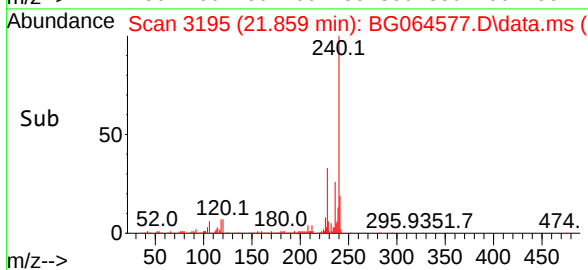
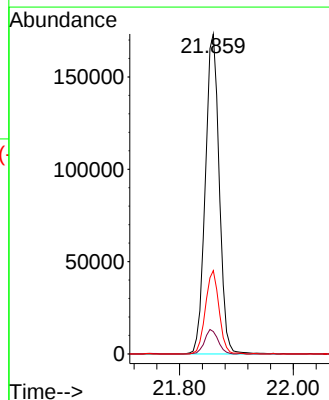
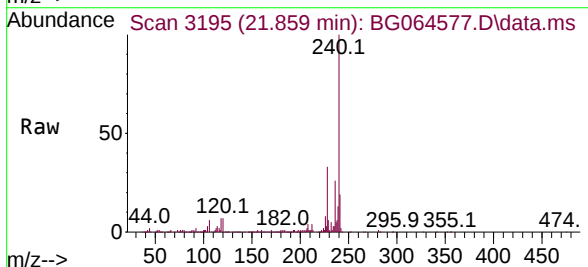
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG102425

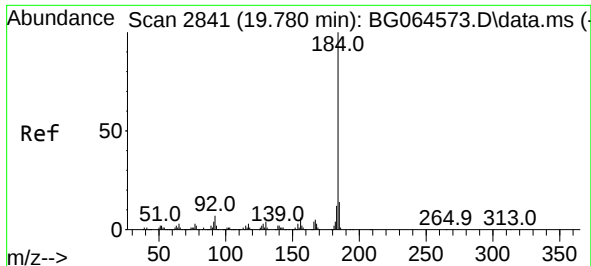
Tgt Ion:202 Resp: 676996
 Ion Ratio Lower Upper
 202 100
 101 8.0 0.0 28.7
 203 16.7 0.0 37.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.859 min Scan# 3195
 Delta R.T. -0.001 min
 Lab File: BG064577.D
 Acq: 24 Oct 2025 16:47

Tgt Ion:240 Resp: 293608
 Ion Ratio Lower Upper
 240 100
 120 7.0 6.5 9.7
 236 26.0 20.2 30.2

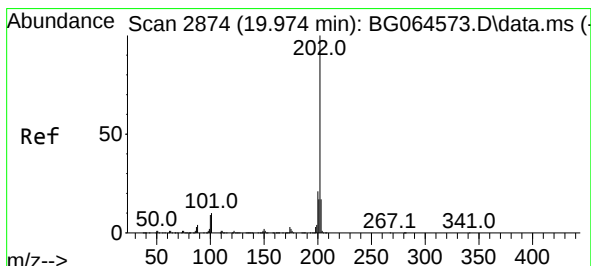
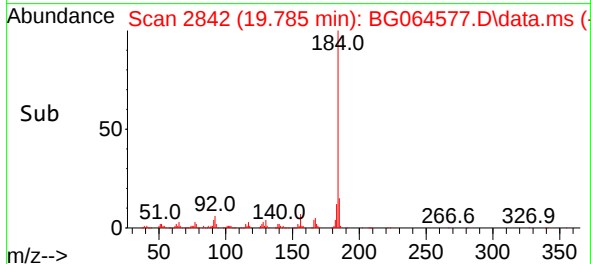
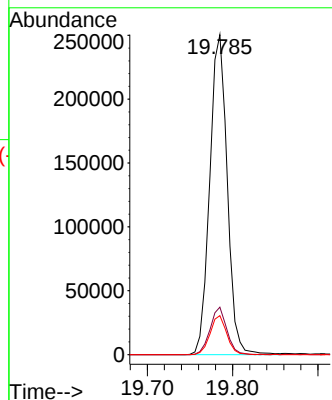
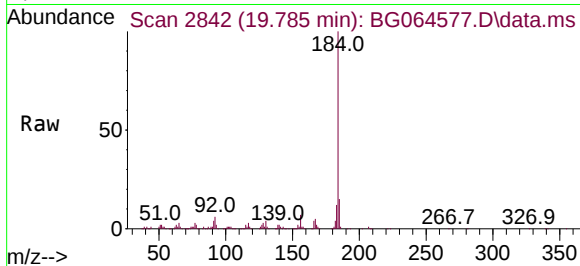




#77
Benzidine
Concen: 54.203 ng
RT: 19.785 min Scan# 2841
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

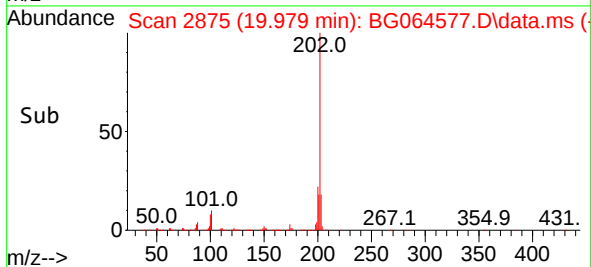
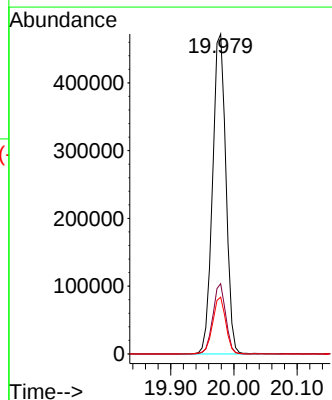
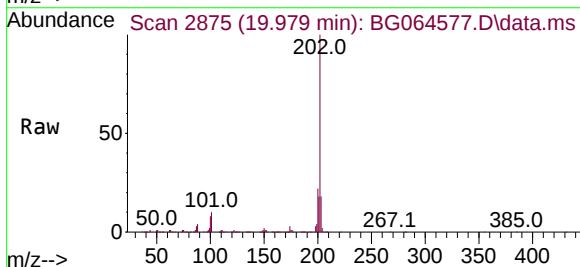
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

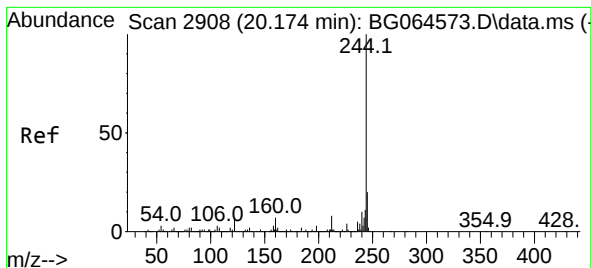
Tgt Ion:184 Resp: 356547
Ion Ratio Lower Upper
184 100
185 14.8 11.4 17.2
183 12.2 9.4 14.2



#78
Pyrene
Concen: 36.130 ng
RT: 19.979 min Scan# 2875
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:202 Resp: 693068
Ion Ratio Lower Upper
202 100
200 21.9 17.0 25.4
203 17.7 13.8 20.6





#79

Terphenyl-d14

Concen: 74.019 ng

RT: 20.173 min Scan# 2908

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

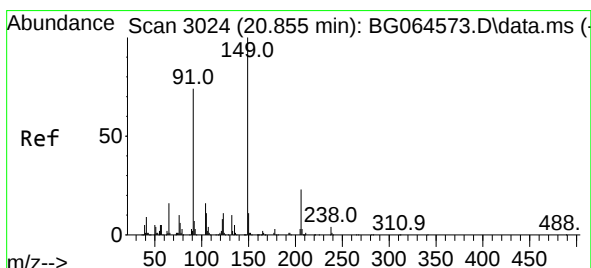
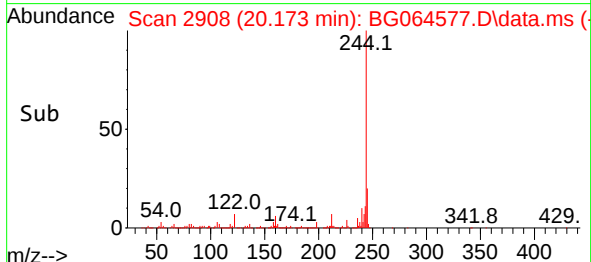
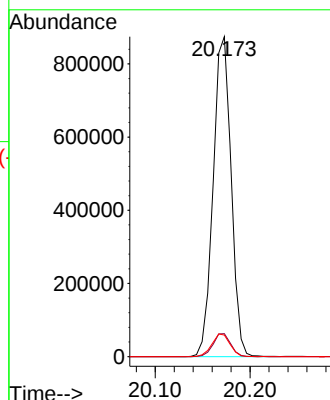
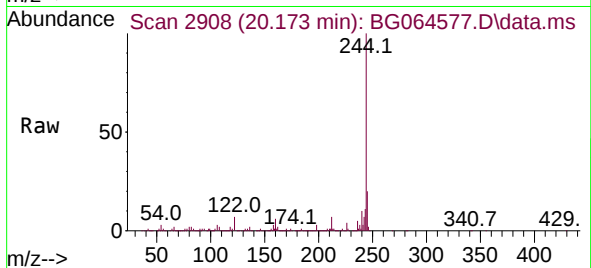
Tgt Ion:244 Resp: 1151597

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 6.7 5.6 8.4



#80

Butylbenzylphthalate

Concen: 38.702 ng

RT: 20.854 min Scan# 3024

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

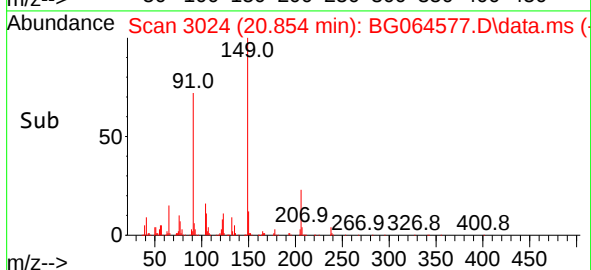
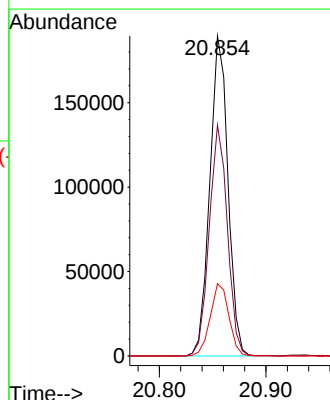
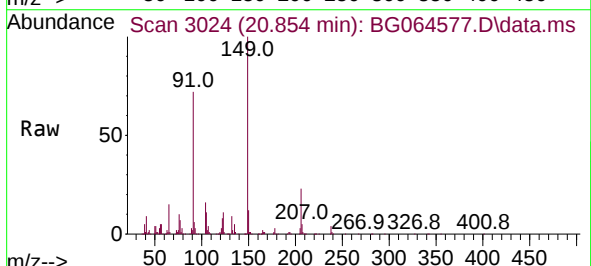
Tgt Ion:149 Resp: 224386

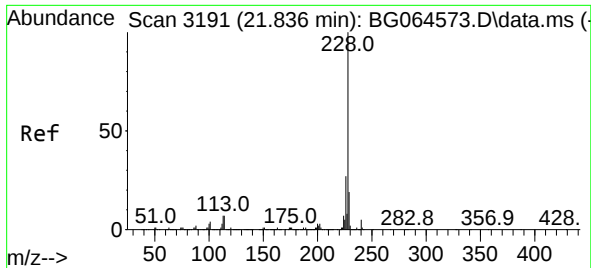
Ion Ratio Lower Upper

149 100

91 72.1 59.2 88.8

206 22.6 18.1 27.1

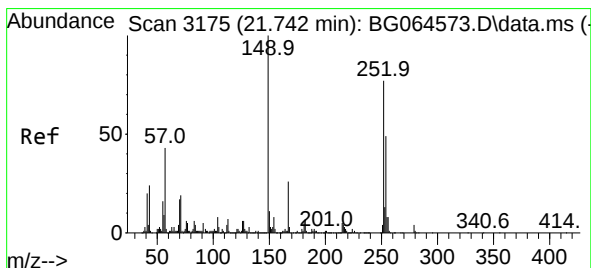
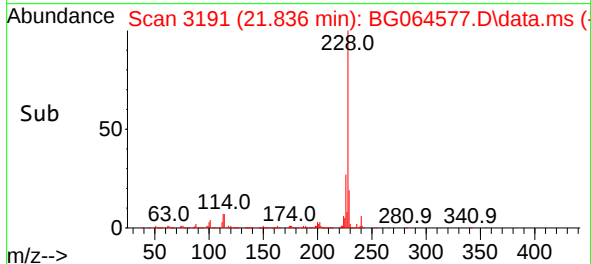
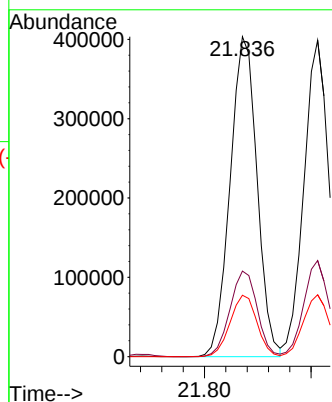
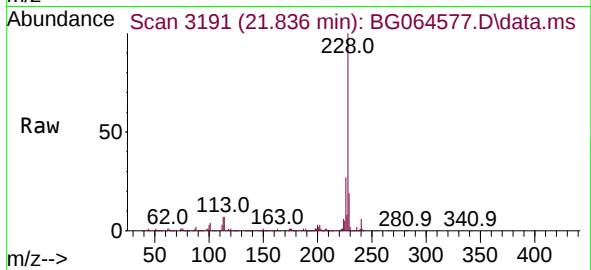




#81
Benzo(a)anthracene
Concen: 36.287 ng
RT: 21.836 min Scan# 3191
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

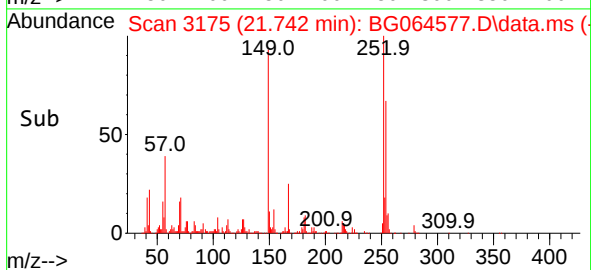
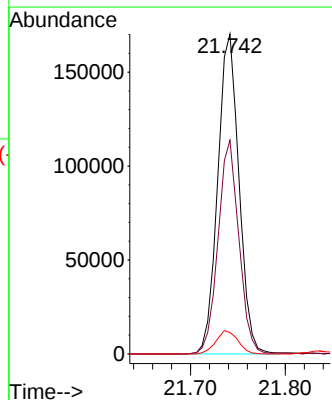
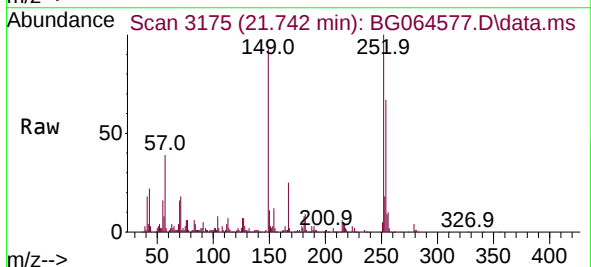
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

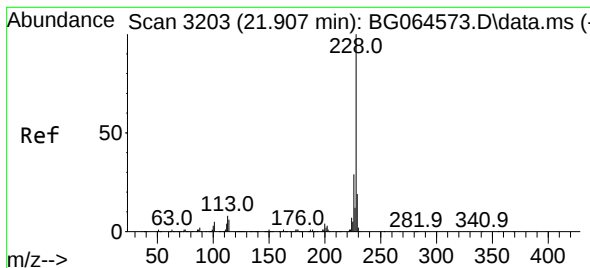
Tgt Ion:228 Resp: 706428
Ion Ratio Lower Upper
228 100
226 26.7 21.9 32.9
229 19.2 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 40.813 ng
RT: 21.742 min Scan# 3175
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:252 Resp: 265324
Ion Ratio Lower Upper
252 100
254 66.8 50.8 76.2
126 6.7 5.8 8.6





#83

Chrysene

Concen: 35.533 ng

RT: 21.906 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

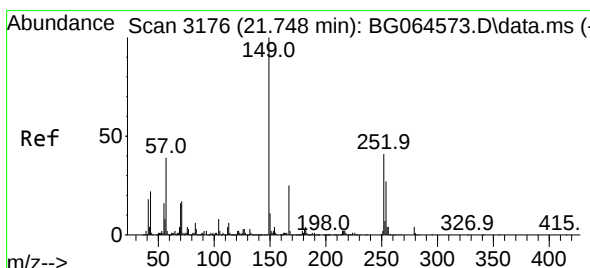
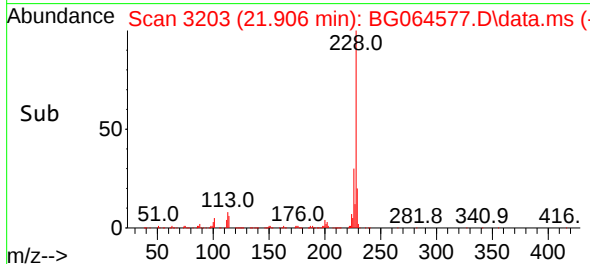
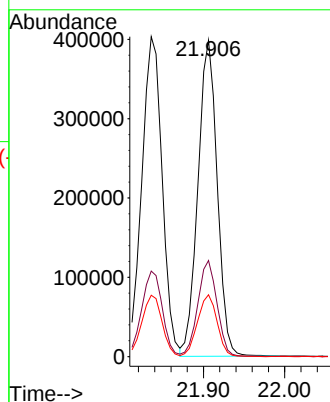
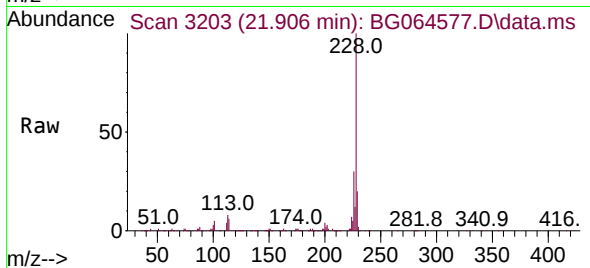
Tgt Ion:228 Resp: 658217

Ion Ratio Lower Upper

228 100

226 30.4 23.3 34.9

229 19.5 15.2 22.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.470 ng

RT: 21.747 min Scan# 3176

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

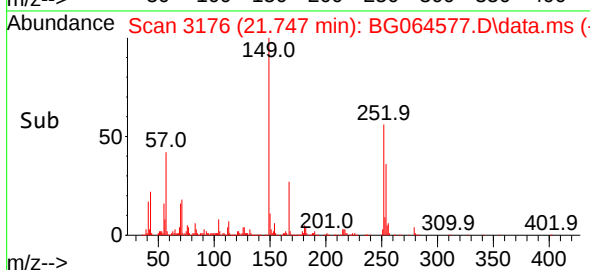
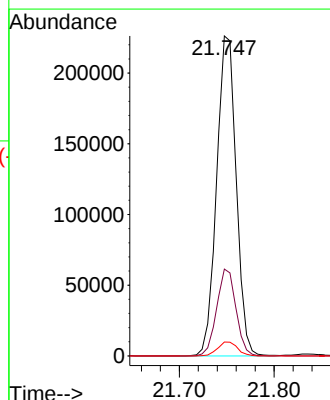
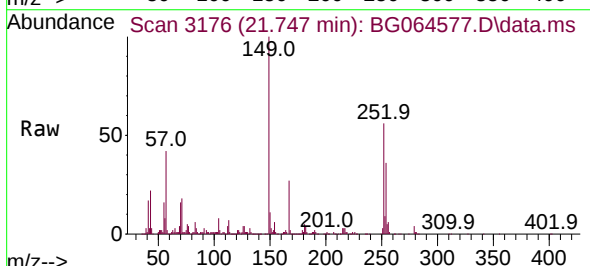
Tgt Ion:149 Resp: 324614

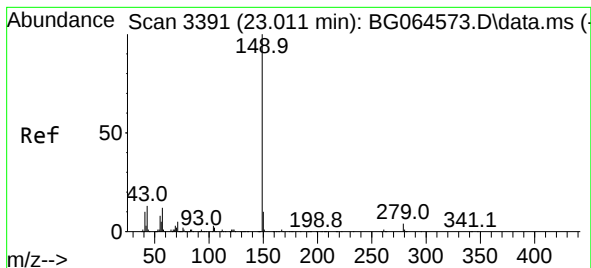
Ion Ratio Lower Upper

149 100

167 27.1 20.0 30.0

279 4.3 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 36.087 ng

RT: 23.017 min Scan# 3391

Delta R.T. 0.005 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

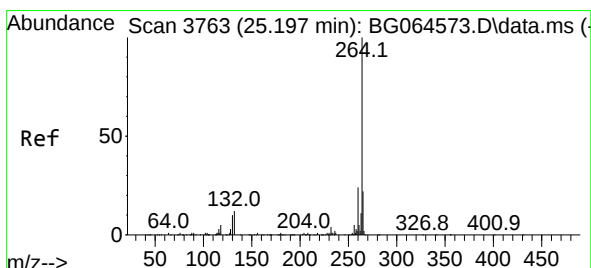
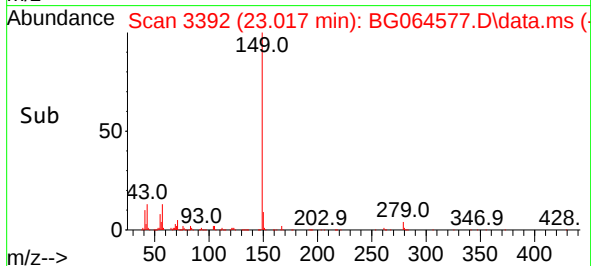
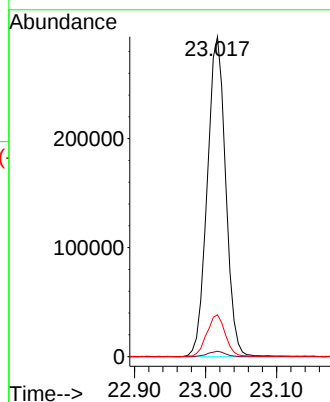
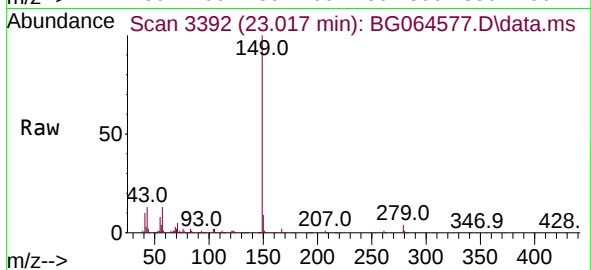
Tgt Ion:149 Resp: 527097

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 13.3 10.8 16.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.202 min Scan# 3764

Delta R.T. 0.005 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

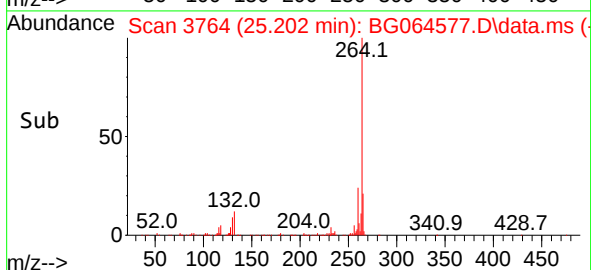
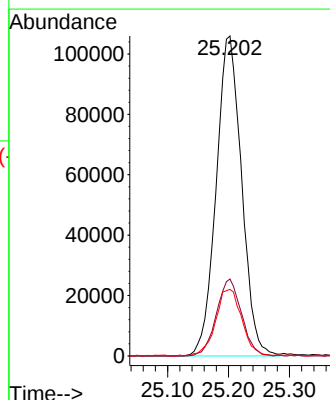
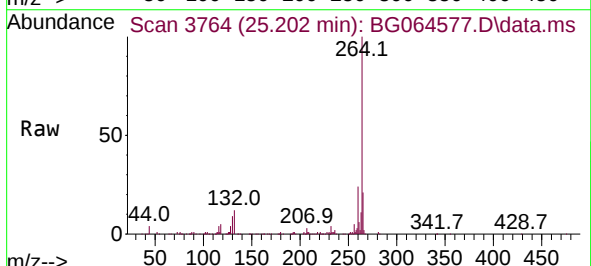
Tgt Ion:264 Resp: 306886

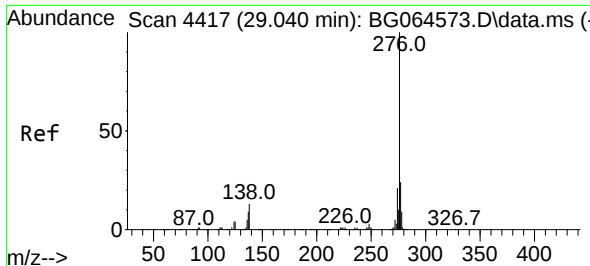
Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 20.8 17.6 26.4

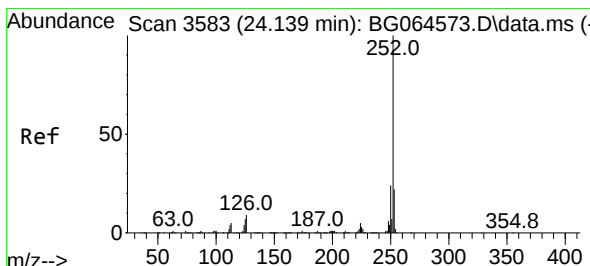
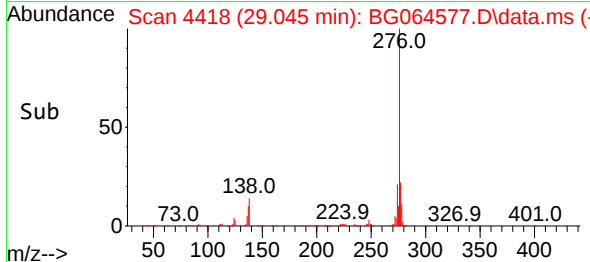
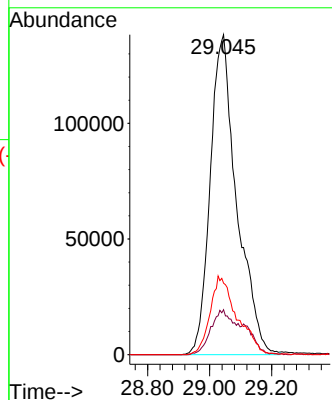
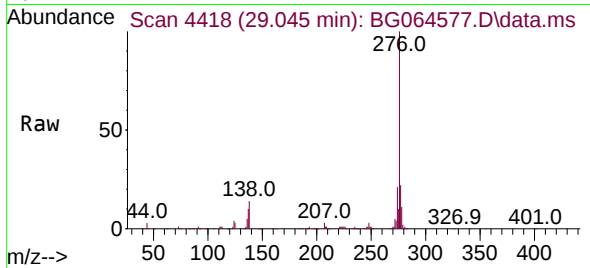




#87
Indeno(1,2,3-cd)pyrene
Concen: 36.366 ng
RT: 29.045 min Scan# 4417
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

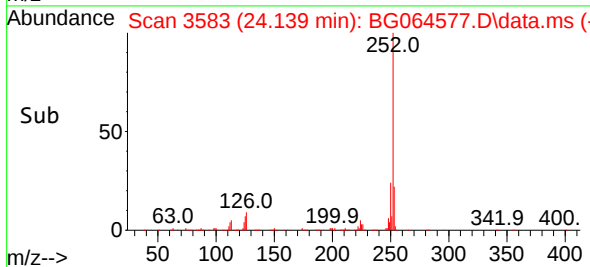
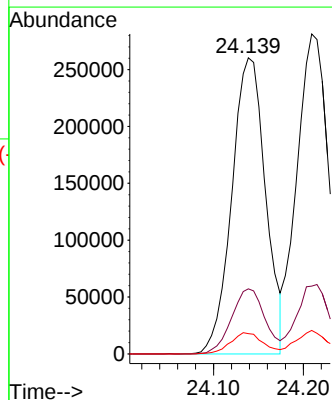
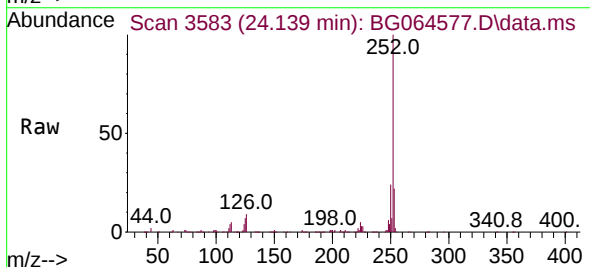
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

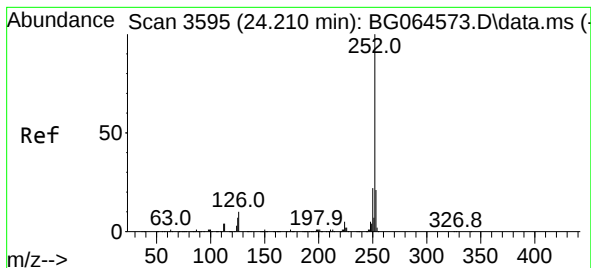
Tgt Ion:276 Resp: 820974
Ion Ratio Lower Upper
276 100
138 12.6 10.8 16.2
277 25.0 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 36.235 ng
RT: 24.139 min Scan# 3583
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:252 Resp: 681881
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 6.8 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 37.252 ng

RT: 24.209 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

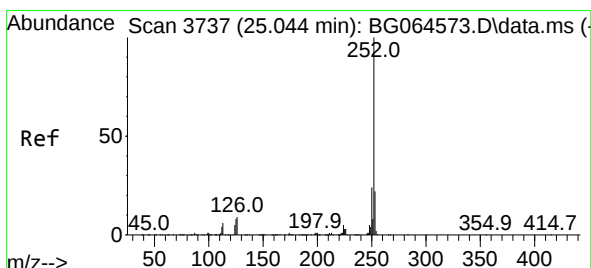
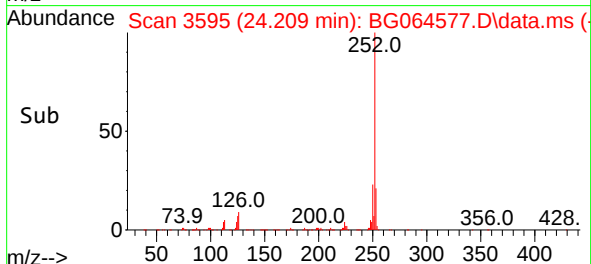
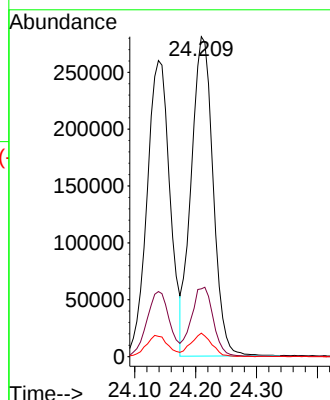
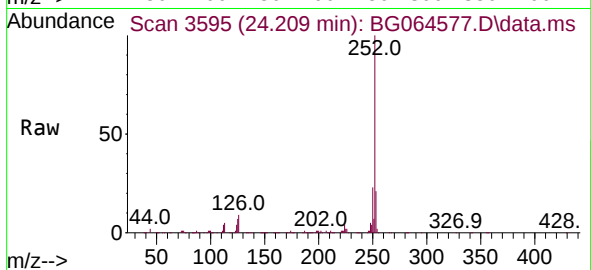
Tgt Ion:252 Resp: 701500

Ion Ratio Lower Upper

252 100

253 21.2 16.8 25.2

125 7.3 5.4 8.0



#90

Benzo(a)pyrene

Concen: 37.700 ng

RT: 25.049 min Scan# 3738

Delta R.T. 0.005 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

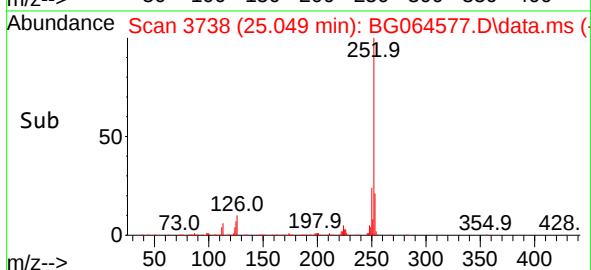
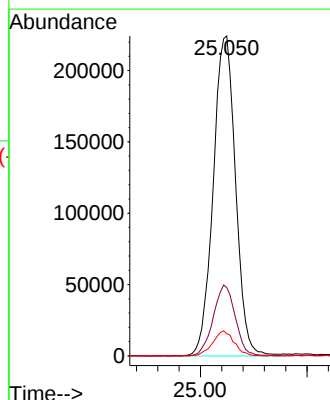
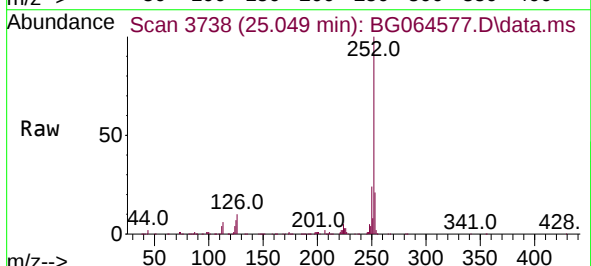
Tgt Ion:252 Resp: 652126

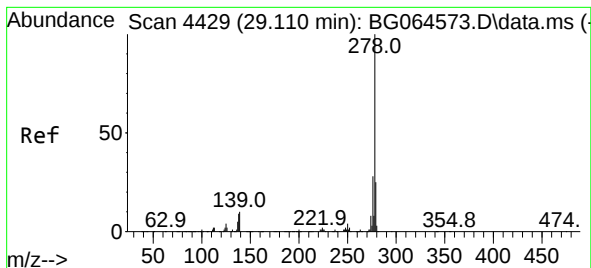
Ion Ratio Lower Upper

252 100

253 21.3 17.6 26.4

125 6.9 6.1 9.1





#91

Dibenzo(a,h)anthracene

Concen: 36.776 ng

RT: 29.121 min Scan# 44

Delta R.T. 0.011 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

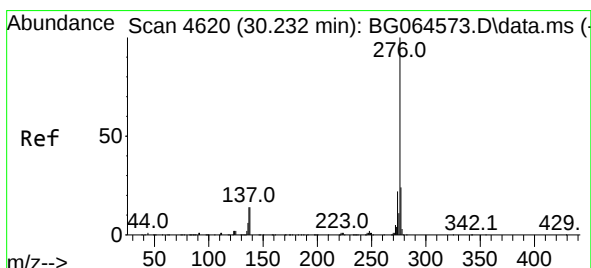
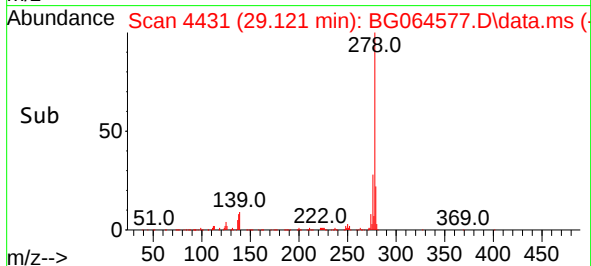
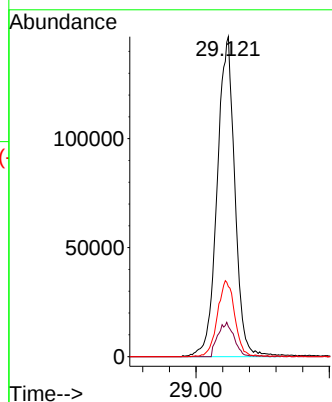
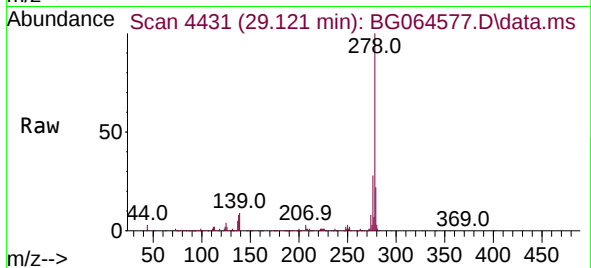
Tgt Ion:278 Resp: 674510

Ion Ratio Lower Upper

278 100

139 9.4 8.0 12.0

279 21.9 19.8 29.6



#92

Benzo(g,h,i)perylene

Concen: 37.302 ng

RT: 30.232 min Scan# 4620

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Tgt Ion:276 Resp: 653564

Ion Ratio Lower Upper

276 100

277 23.3 19.1 28.7

138 15.1 11.3 16.9

