

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101725\
 Data File : BG064535.D
 Acq On : 17 Oct 2025 14:23
 Operator : RC/JU
 Sample : SP6895
 Misc : 8270/625.1 SPIKE
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP6895

Quant Time: Oct 17 15:00:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	14319	20.000	ng	0.00
21) Naphthalene-d8	10.602	136	59190	20.000	ng	# 0.00
39) Acenaphthene-d10	14.445	164	45613	20.000	ng	0.00
64) Phenanthrene-d10	17.188	188	117431	20.000	ng	# 0.00
76) Chrysene-d12	21.413	240	132579	20.000	ng	0.00
86) Perylene-d12	24.392	264	143588	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	7.382	99	3379	3.250	ng	0.40
23) Nitrobenzene-d5	8.892	82	5581	5.070	ng	-0.07
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	12.964	172	150	0.048	ng	-0.10
79) Terphenyl-d14	19.809	244	1365	0.195	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.311	88	11571	37.809	ng	95
3) Pyridine	3.704	79	30525	37.113	ng	93
4) n-Nitrosodimethylamine	3.616	42	27796	46.618	ng	# 96
6) Aniline	7.141	93	42563	32.453	ng	98
8) 2-Chlorophenol	7.382	128	44652	46.998	ng	96
9) Benzaldehyde	6.959	77	32269	34.962	ng	95
10) Phenol	7.024	94	49755	45.362	ng	94
11) bis(2-Chloroethyl)ether	7.241	93	31596	42.536	ng	94
12) 1,3-Dichlorobenzene	7.852	146	51296	49.355	ng	97
13) 1,4-Dichlorobenzene	7.852	146	51296	49.177	ng	96
14) 1,2-Dichlorobenzene	8.170	146	49834	48.475	ng	98
15) Benzyl Alcohol	8.058	79	43221	45.138	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.340	45	47970	40.064	ng	94
17) 2-Methylphenol	8.270	107	38151	48.035	ng	97
18) Hexachloroethane	8.892	117	18436	44.777	ng	95
19) n-Nitroso-di-n-propyla...	8.622	70	30868	44.391	ng	# 96
20) 3+4-Methylphenols	8.593	107	52198	47.096	ng	98
22) Acetophenone	8.634	105	68061	47.491	ng	95
24) Nitrobenzene	9.010	77	49433	45.032	ng	94
25) Isophorone	9.539	82	87414	43.834	ng	96
26) 2-Nitrophenol	9.721	139	24757	45.314	ng	93
27) 2,4-Dimethylphenol	9.785	122	44884	53.788	ng	96
28) bis(2-Chloroethoxy)met...	10.020	93	45930	45.184	ng	96
29) 2,4-Dichlorophenol	10.261	162	47566	49.293	ng	99
30) 1,2,4-Trichlorobenzene	10.473	180	52244	49.655	ng	95
31) Naphthalene	10.655	128	143514	47.085	ng	98
32) Benzoic acid	9.950	122	29800	46.514	ng	92
33) 4-Chloroaniline	10.767	127	29682	25.378	ng	93
34) Hexachlorobutadiene	10.943	225	43134	47.870	ng	97
35) Caprolactam	11.589	113	4269	12.923	ng	90
36) 4-Chloro-3-methylphenol	11.901	107	55099	46.954	ng	# 89
37) 2-Methylnaphthalene	12.265	142	97897	41.842	ng	95
38) 1-Methylnaphthalene	12.482	142	103721	44.459	ng	96
40) 1,2,4,5-Tetrachloroben...	12.635	216	69017	46.862	ng	# 96
41) Hexachlorocyclopentadiene	12.617	237	111887	145.234	ng	93
43) 2,4,6-Trichlorophenol	12.952	196	49647	52.733	ng	98

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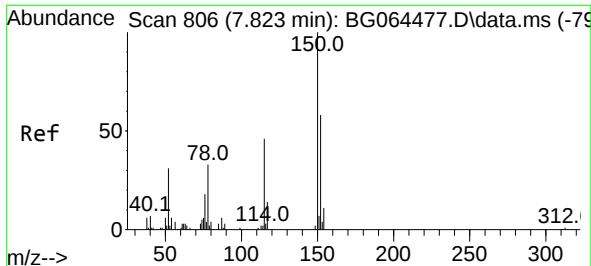
Quant Time: Oct 17 15:00:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.952	196	49647	47.234	ng	97
46) 1,1'-Biphenyl	13.281	154	154319	47.039	ng	97
47) 2-Chloronaphthalene	13.322	162	114191	46.620	ng	98
48) 2-Nitroaniline	13.528	65	39304	47.016	ng	91
49) Acenaphthylene	14.168	152	195393	53.738	ng	97
50) Dimethylphthalate	13.910	163	159248	44.577	ng	98
51) 2,6-Dinitrotoluene	14.022	165	35005	47.038	ng	93
52) Acenaphthene	14.509	154	112958	44.716	ng	92
53) 3-Nitroaniline	14.356	138	20817	30.332	ng	99
54) 2,4-Dinitrophenol	14.562	184	48194	89.312	ng	90
55) Dibenzofuran	14.844	168	192858	46.238	ng	99
56) 4-Nitrophenol	14.680	139	52818	97.748	ng	90
57) 2,4-Dinitrotoluene	14.815	165	56097	49.311	ng	97
58) Fluorene	15.496	166	163745	47.222	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.073	232	54492	50.799	ng	# 97
60) Diethylphthalate	15.273	149	171215	44.676	ng	97
61) 4-Chlorophenyl-phenyle...	15.490	204	86233	45.551	ng	97
62) 4-Nitroaniline	15.520	138	34565	48.321	ng	# 85
63) Azobenzene	15.778	77	135647	45.703	ng	96
65) 4,6-Dinitro-2-methylph...	15.579	198	39094	47.813	ng	91
66) n-Nitrosodiphenylamine	15.702	169	142918	45.575	ng	97
67) 4-Bromophenyl-phenylether	16.384	248	61185	44.276	ng	98
68) Hexachlorobenzene	16.495	284	71857	45.442	ng	98
69) Atrazine	16.654	200	68421	49.041	ng	99
70) Pentachlorophenol	16.848	266	96366	104.229	ng	96
71) Phenanthrene	17.230	178	275964	44.937	ng	98
72) Anthracene	17.324	178	285392	46.324	ng	98
73) Carbazole	17.594	167	252215	47.362	ng	99
74) Di-n-butylphthalate	18.152	149	306154	47.095	ng	100
75) Fluoranthene	19.239	202	357967	48.792	ng	100
77) Benzidine	19.427	184	172584	52.313	ng	97
78) Pyrene	19.603	202	366897	42.643	ng	98
80) Butylbenzylphthalate	20.496	149	141607	46.428	ng	97
81) Benzo(a)anthracene	21.395	228	383433	45.295	ng	97
82) 3,3'-Dichlorobenzidine	21.319	252	81032	28.282	ng	95
83) Chrysene	21.460	228	357469	44.527	ng	97
84) Bis(2-ethylhexyl)phtha...	21.319	149	201258	46.767	ng	96
85) Di-n-octyl phthalate	22.441	149	337286	46.634	ng	100
87) Indeno(1,2,3-cd)pyrene	27.764	276	469228	46.948	ng	# 94
88) Benzo(b)fluoranthene	23.458	252	381847	46.745	ng	97
89) Benzo(k)fluoranthene	23.522	252	385380	46.842	ng	99
90) Benzo(a)pyrene	24.257	252	366945	48.740	ng	100
91) Dibenzo(a,h)anthracene	27.805	278	377441	47.222	ng	# 98
92) Benzo(g,h,i)perylene	28.804	276	372490	47.956	ng	96

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

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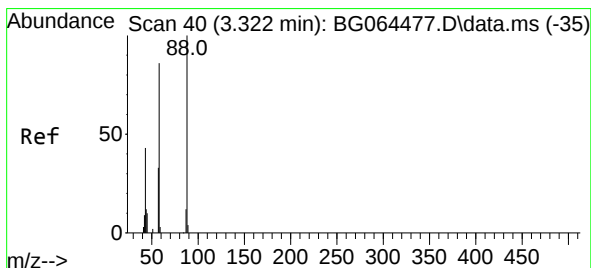
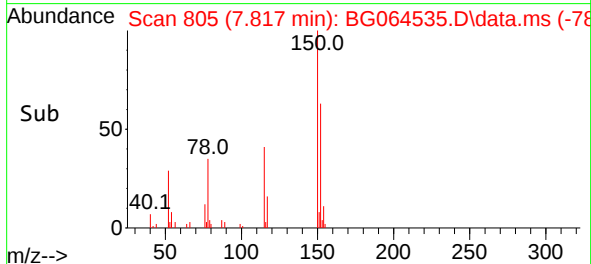
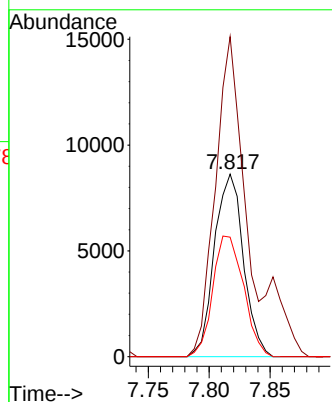
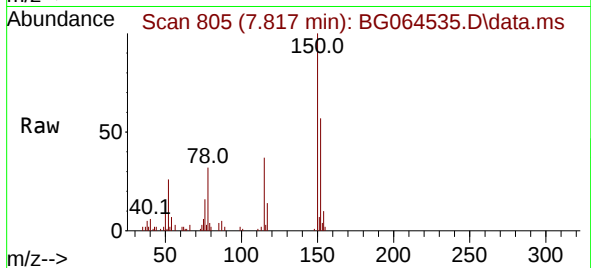




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.817 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: BG064535.D
 Acq: 17 Oct 2025 14:23

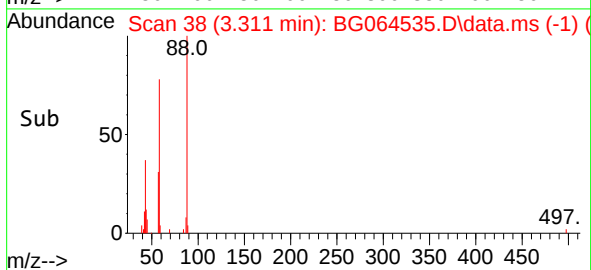
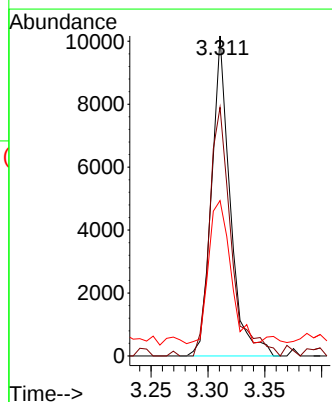
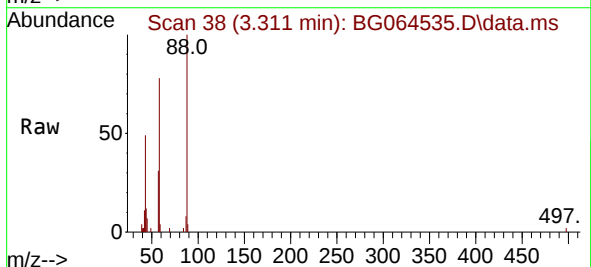
Instrument :
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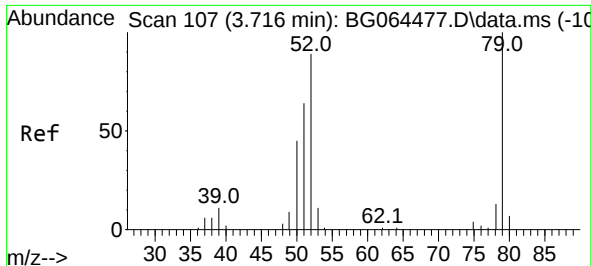
Tgt Ion:152 Resp: 14319
 Ion Ratio Lower Upper
 152 100
 150 175.3 138.6 207.8
 115 65.5 63.4 95.2



#2
 1,4-Dioxane
 Concen: 37.809 ng
 RT: 3.311 min Scan# 38
 Delta R.T. -0.009 min
 Lab File: BG064535.D
 Acq: 17 Oct 2025 14:23

Tgt Ion: 88 Resp: 11571
 Ion Ratio Lower Upper
 88 100
 58 89.8 69.8 104.6
 43 52.4 37.4 56.0

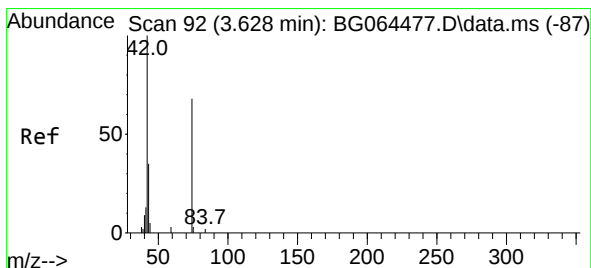
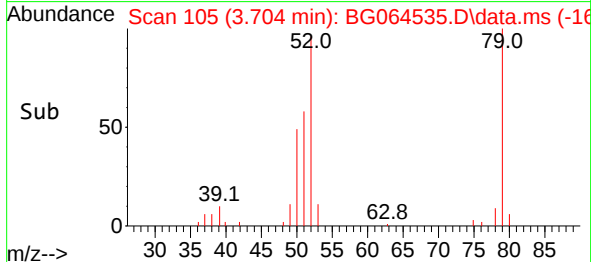
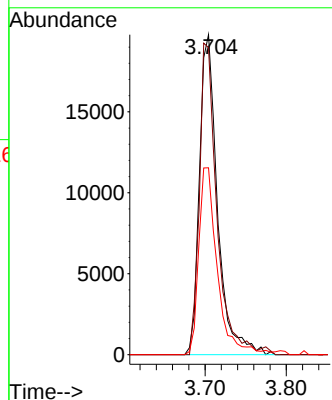
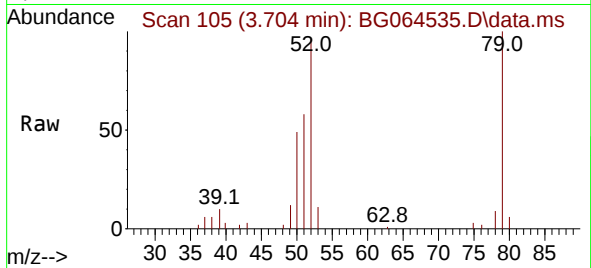




#3
Pyridine
Concen: 37.113 ng
RT: 3.704 min Scan# 10
Delta R.T. -0.009 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

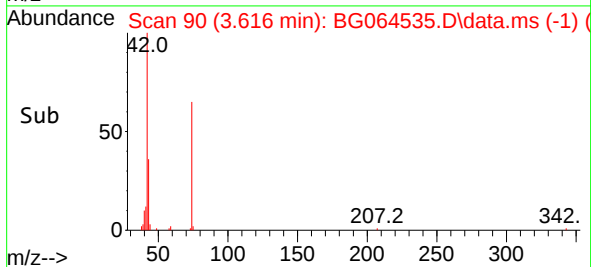
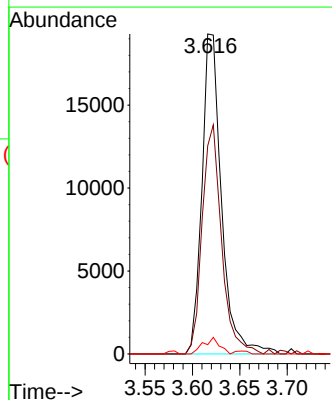
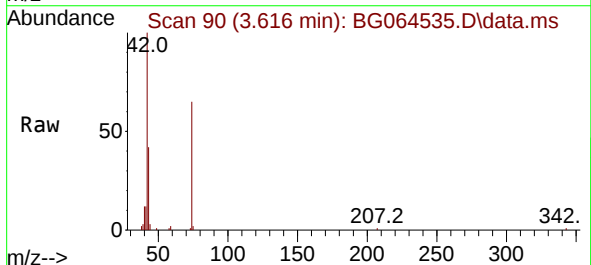
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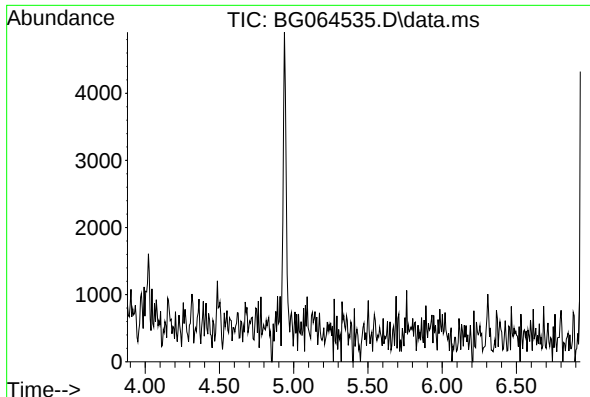
Tgt Ion: 79 Resp: 30525
Ion Ratio Lower Upper
79 100
52 96.0 71.0 106.4
51 58.4 51.0 76.6



#4
n-Nitrosodimethylamine
Concen: 46.618 ng
RT: 3.616 min Scan# 90
Delta R.T. -0.009 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

Tgt Ion: 42 Resp: 27796
Ion Ratio Lower Upper
42 100
74 65.1 54.2 81.4
44 2.9 4.2 6.2#

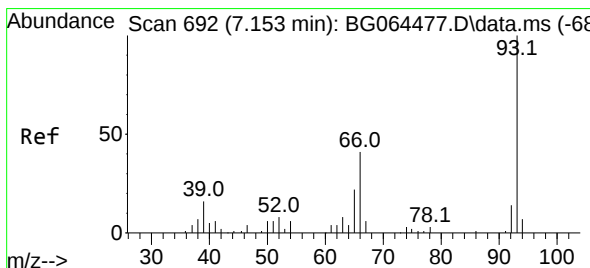
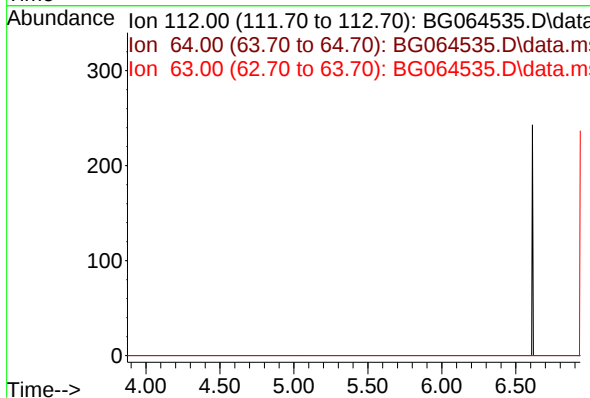




#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.41 min
 Lab File: BG064535.D
 Acq: 17 Oct 2025 14:23

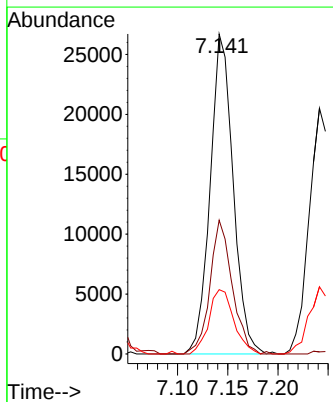
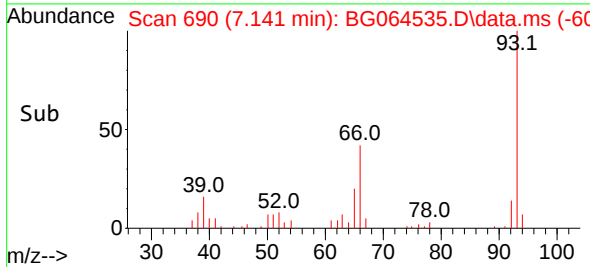
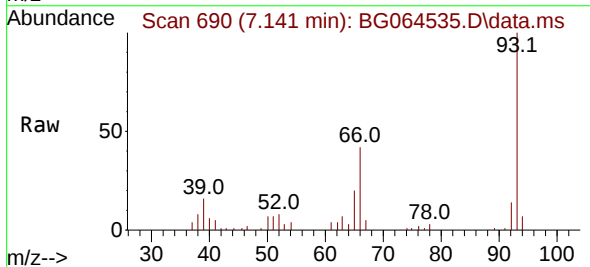
Instrument :
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 ClientSampleId :
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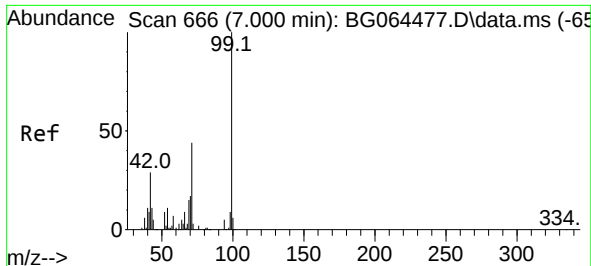
Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 62.3
 63 39.1



#6
 Aniline
 Concen: 32.453 ng
 RT: 7.141 min Scan# 690
 Delta R.T. -0.003 min
 Lab File: BG064535.D
 Acq: 17 Oct 2025 14:23

Tgt Ion: 93 Resp: 42563
 Ion Ratio Lower Upper
 93 100
 66 41.8 33.0 49.4
 65 20.1 17.5 26.3

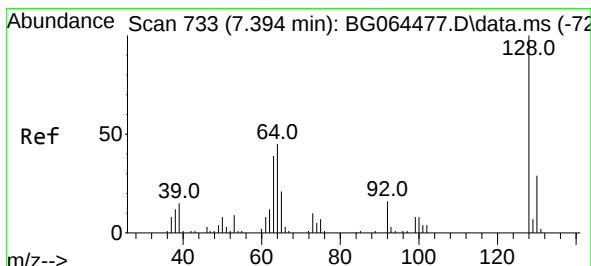
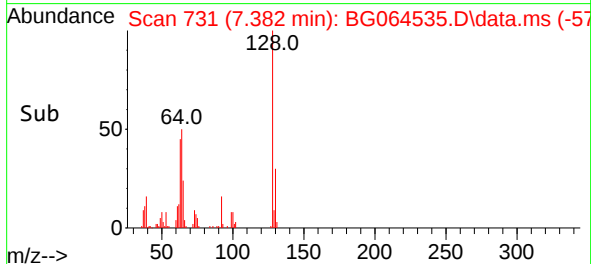
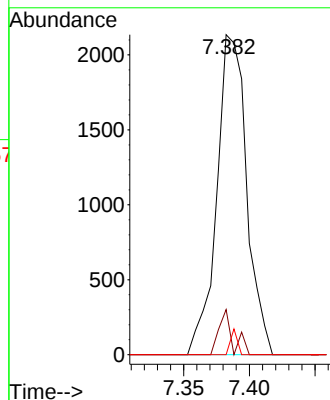
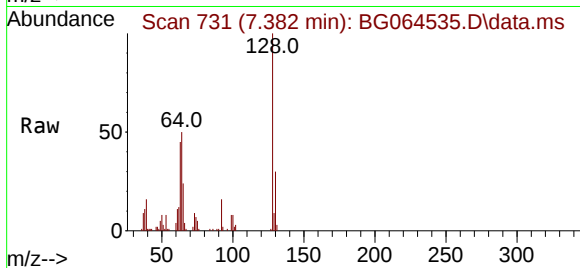




#7
Phenol-d6
Concen: 3.250 ng
RT: 7.382 min Scan# 71
Delta R.T. 0.396 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

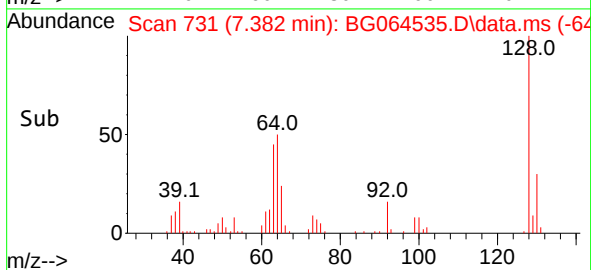
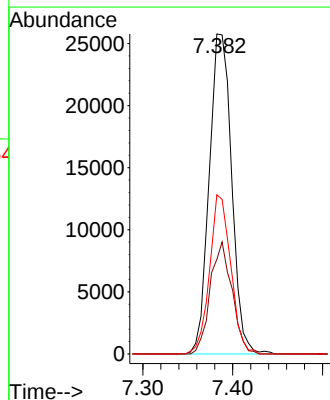
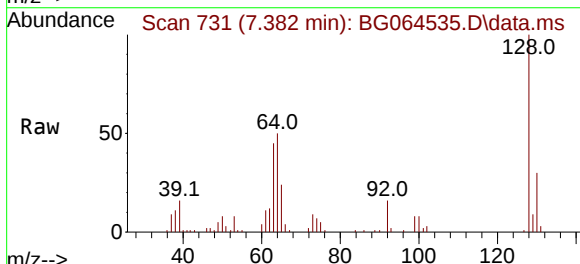
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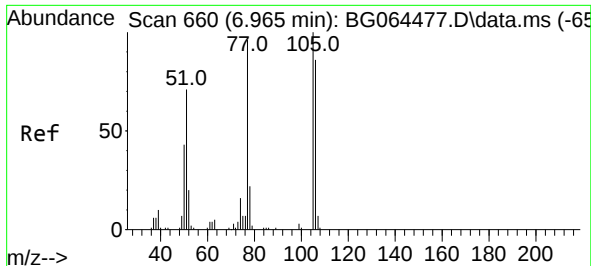
Tgt Ion: 99 Resp: 3379
Ion Ratio Lower Upper
99 100
42 14.1 22.9 34.3#
71 0.0 35.4 53.2#



#8
2-Chlorophenol
Concen: 46.998 ng
RT: 7.382 min Scan# 731
Delta R.T. -0.003 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

Tgt Ion:128 Resp: 44652
Ion Ratio Lower Upper
128 100
130 29.5 9.2 49.2
64 49.8 25.5 65.5

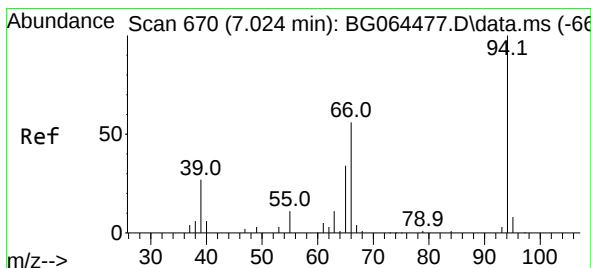
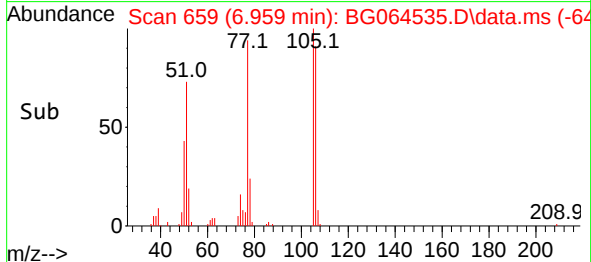
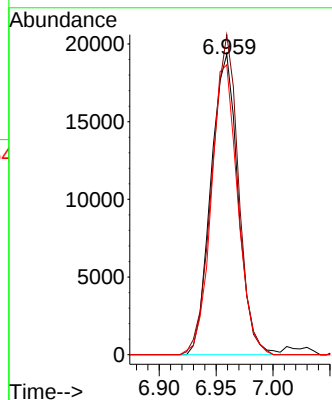
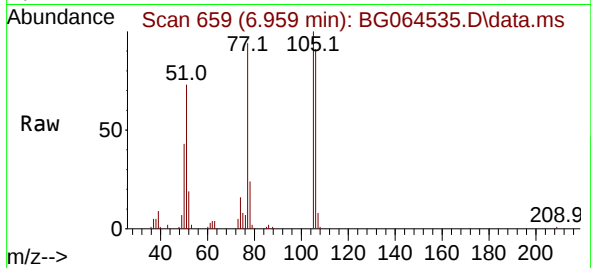




#9
Benzaldehyde
Concen: 34.962 ng
RT: 6.959 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

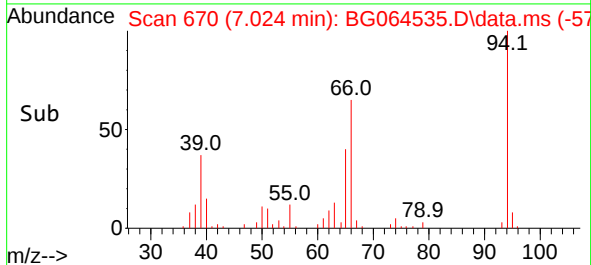
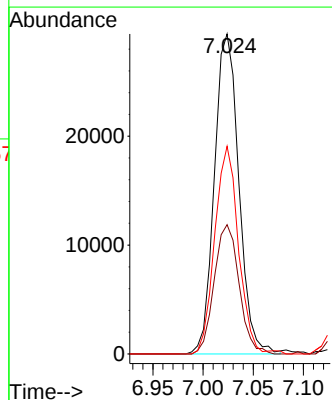
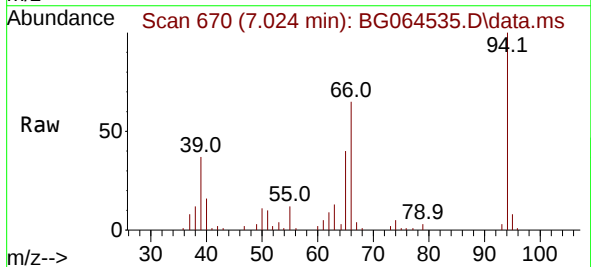
Instrument :
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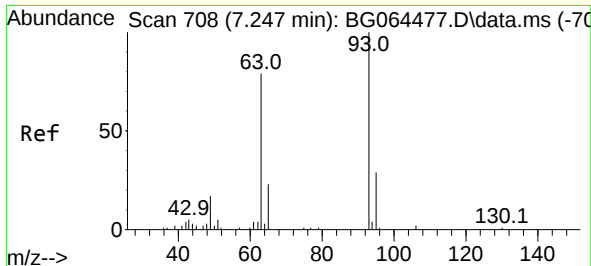
Tgt Ion: 77 Resp: 32269
Ion Ratio Lower Upper
77 100
105 106.5 83.7 123.7
106 96.5 69.4 109.4



#10
Phenol
Concen: 45.362 ng
RT: 7.024 min Scan# 670
Delta R.T. 0.008 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

Tgt Ion: 94 Resp: 49755
Ion Ratio Lower Upper
94 100
65 40.4 14.8 54.8
66 64.9 41.4 81.4

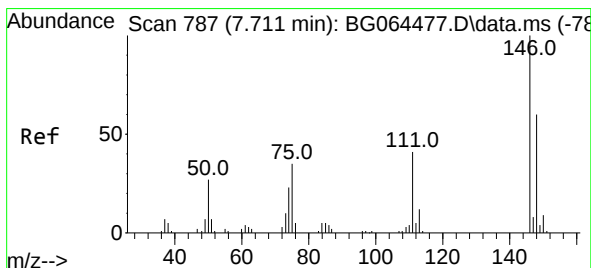
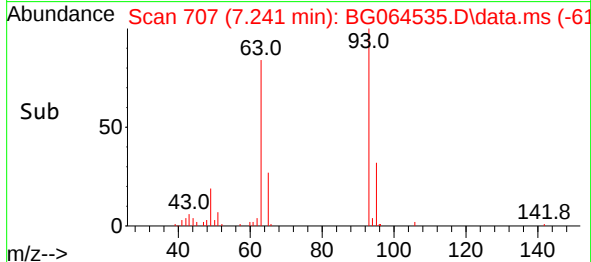
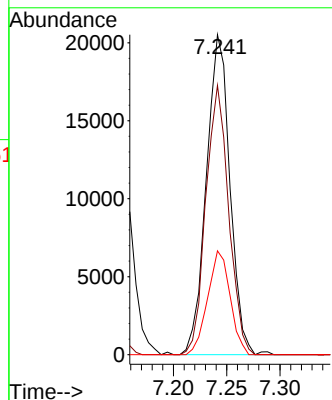
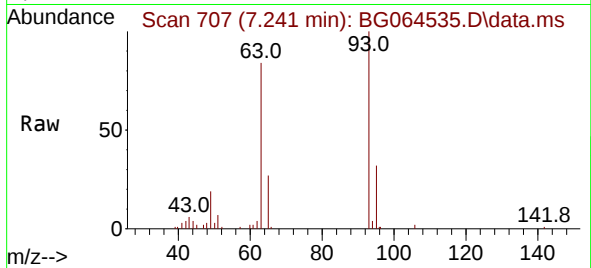




#11
bis(2-Chloroethyl)ether
Concen: 42.536 ng
RT: 7.241 min Scan# 708
Delta R.T. -0.003 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

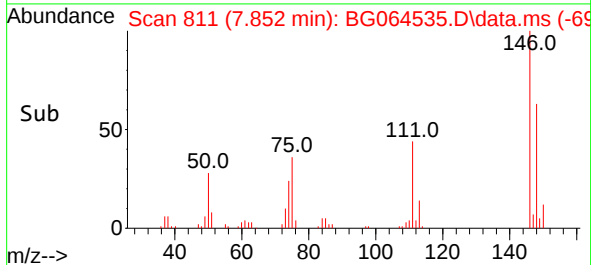
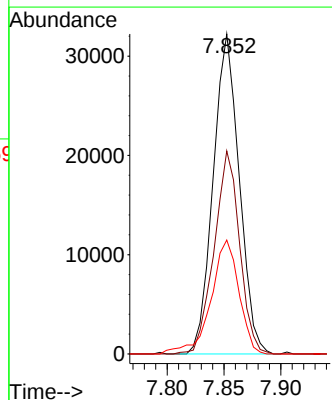
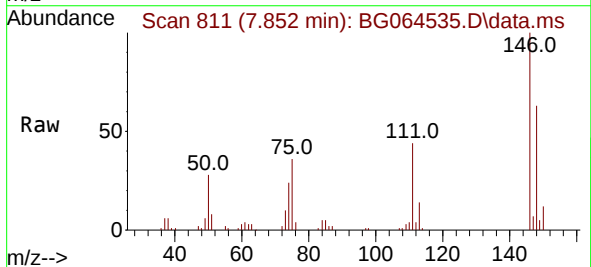
Instrument :
BNA_G
ClientSampleId :
SP6895

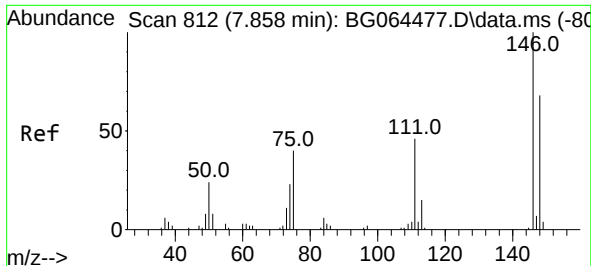
Tgt Ion: 93	Resp:	31596
Ion	Ratio	Lower Upper
93	100	
63	84.1	59.5 99.5
95	32.4	8.8 48.8



#12
1,3-Dichlorobenzene
Concen: 49.355 ng
RT: 7.852 min Scan# 811
Delta R.T. 0.144 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

Tgt Ion: 146	Resp:	51296
Ion	Ratio	Lower Upper
146	100	
148	63.4	48.4 72.6
75	35.6	28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 49.177 ng

RT: 7.852 min Scan# 811

Delta R.T. -0.003 min

Lab File: BG064535.D

Acq: 17 Oct 2025 14:23

Instrument :

BNA_G

ClientSampleId :

SP6895

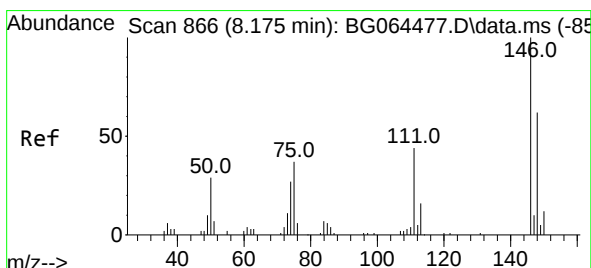
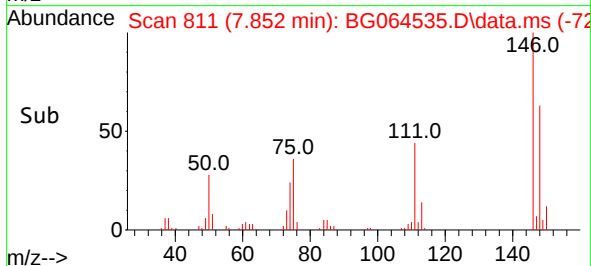
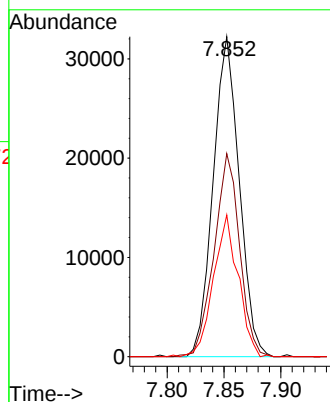
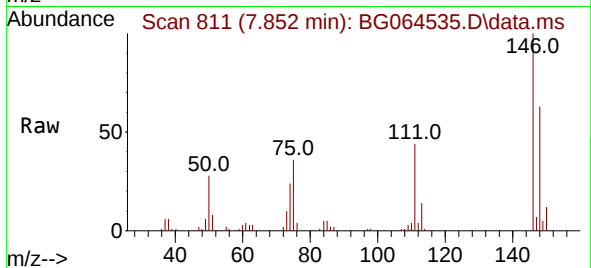
Tgt Ion:146 Resp: 51296

Ion Ratio Lower Upper

146 100

148 63.4 54.4 81.6

111 44.3 36.5 54.7



#14

1,2-Dichlorobenzene

Concen: 48.475 ng

RT: 8.170 min Scan# 865

Delta R.T. -0.003 min

Lab File: BG064535.D

Acq: 17 Oct 2025 14:23

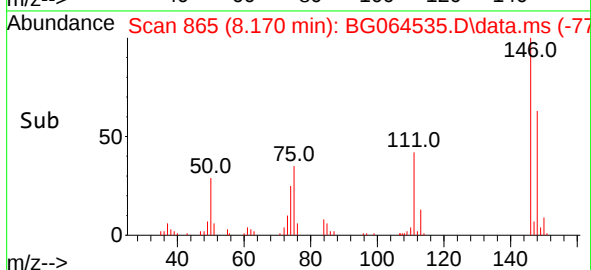
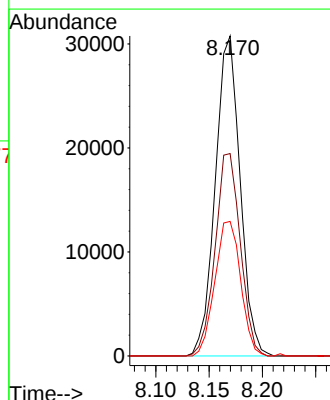
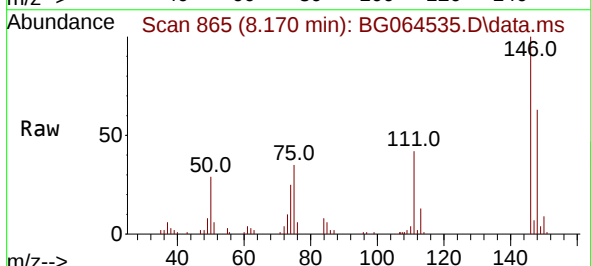
Tgt Ion:146 Resp: 49834

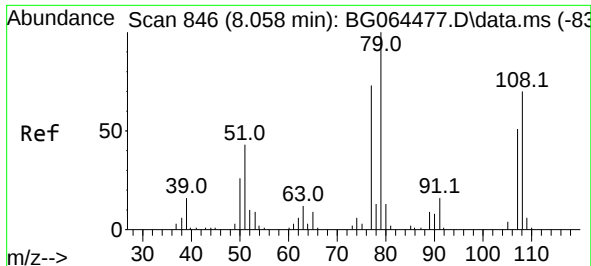
Ion Ratio Lower Upper

146 100

148 63.2 50.0 75.0

111 42.1 35.0 52.4

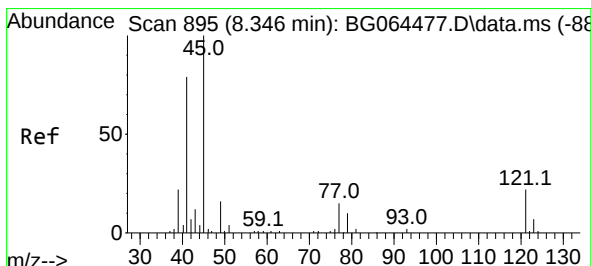
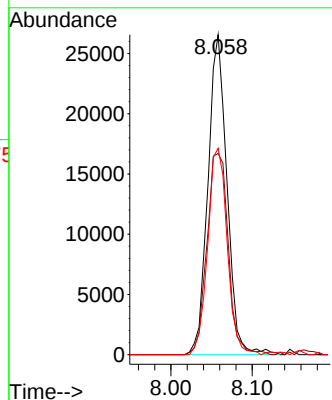
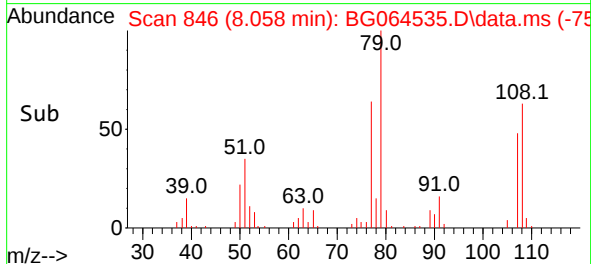
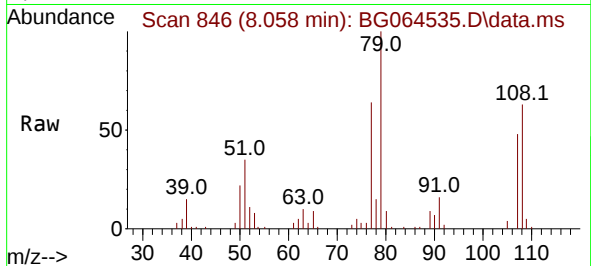




#15
Benzyl Alcohol
Concen: 45.138 ng
RT: 8.058 min Scan# 846
Delta R.T. 0.003 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

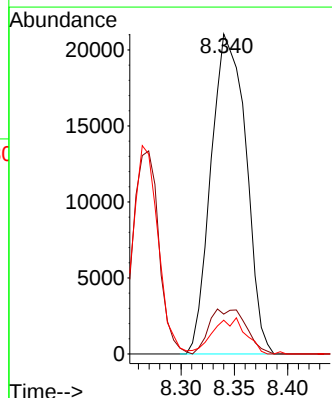
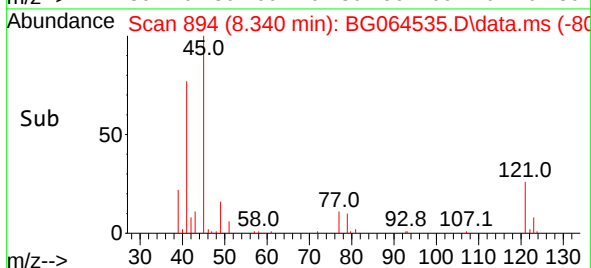
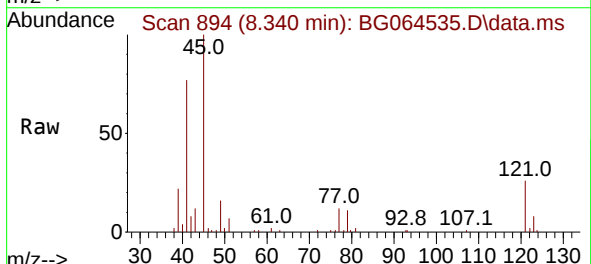
Instrument :
BNA_G
ClientSampleId :
SP6895

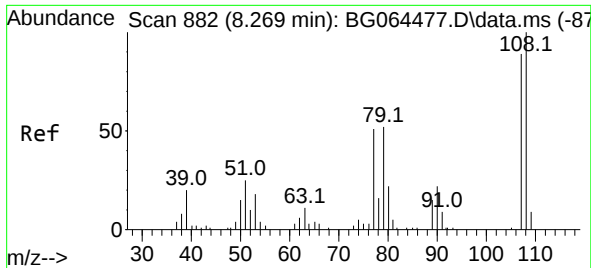
Tgt Ion: 79 Resp: 43221
Ion Ratio Lower Upper
79 100
108 62.9 56.4 84.6
77 64.5 58.3 87.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.064 ng
RT: 8.340 min Scan# 894
Delta R.T. 0.003 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

Tgt Ion: 45 Resp: 47970
Ion Ratio Lower Upper
45 100
77 12.4 0.0 35.6
79 11.7 0.0 30.7

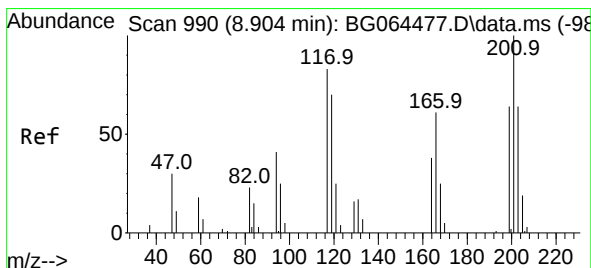
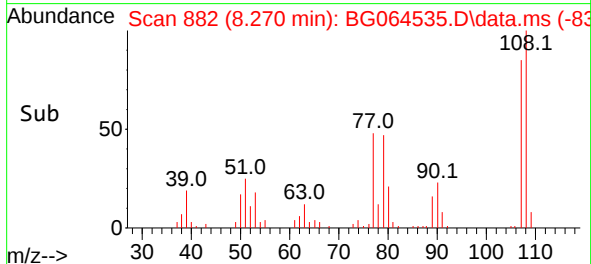
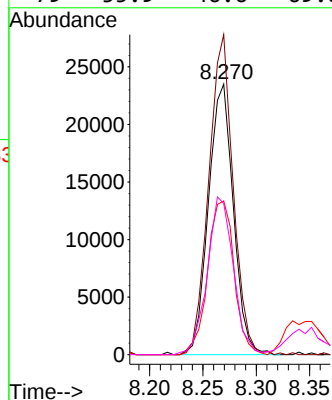
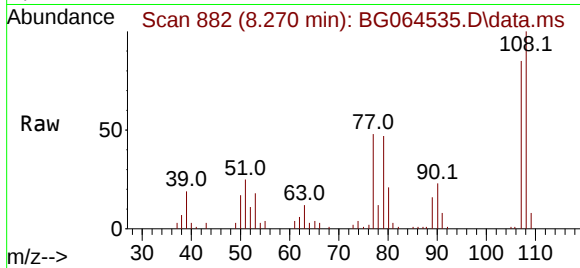




#17
2-Methylphenol
Concen: 48.035 ng
RT: 8.270 min Scan# 81
Delta R.T. 0.008 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

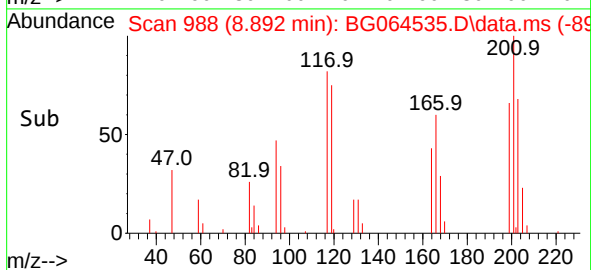
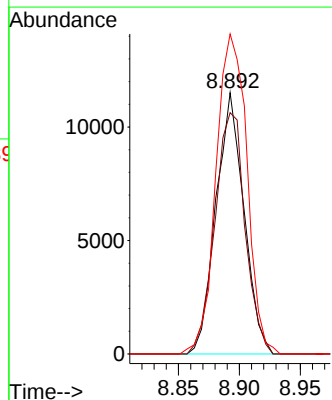
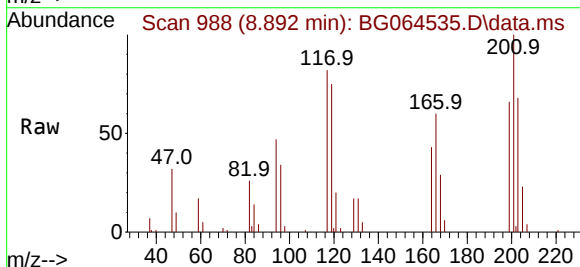
Instrument :
BNA_G
ClientSampleId :
SP6895

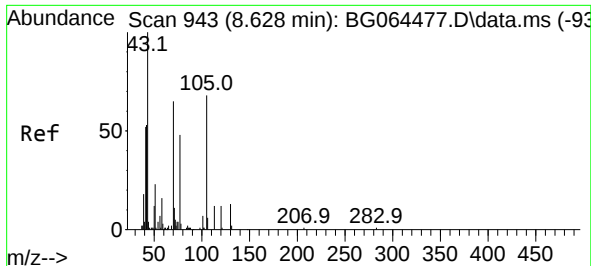
Tgt Ion:	107	Resp:	38151
Ion	Ratio	Lower	Upper
107	100		
108	118.2	90.3	135.5
77	56.8	46.0	69.0
79	55.9	46.6	69.8



#18
Hexachloroethane
Concen: 44.777 ng
RT: 8.892 min Scan# 988
Delta R.T. -0.003 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

Tgt Ion:	117	Resp:	18436
Ion	Ratio	Lower	Upper
117	100		
119	92.3	67.4	101.0
201	122.4	95.9	143.9

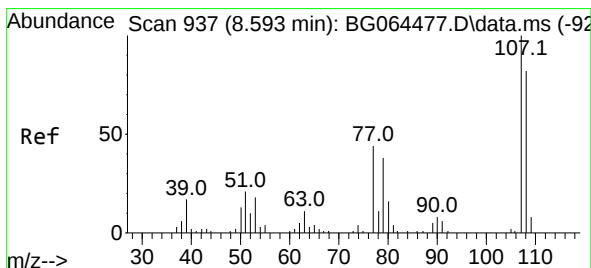
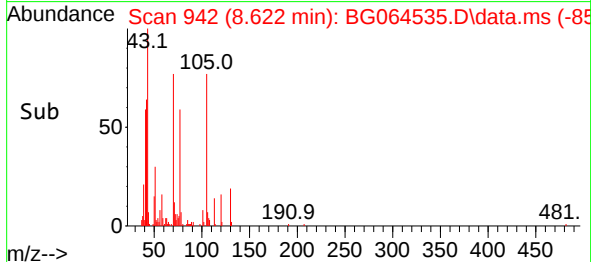
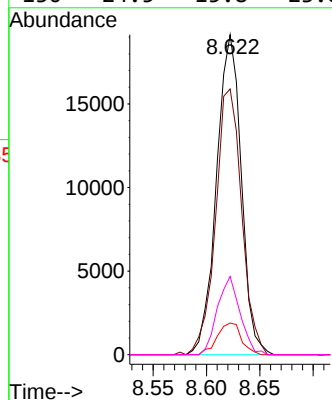
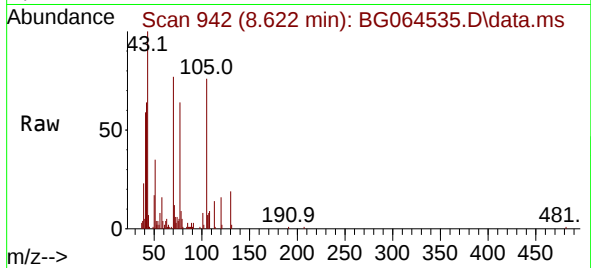




#19
n-Nitroso-di-n-propylamine
Concen: 44.391 ng
RT: 8.622 min Scan# 943
Delta R.T. 0.008 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

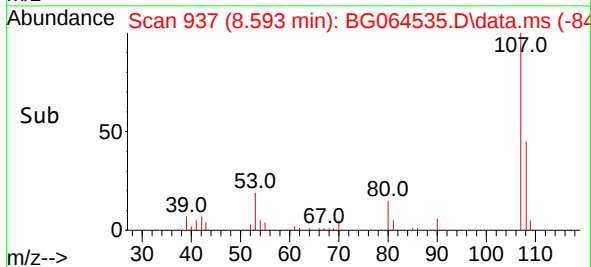
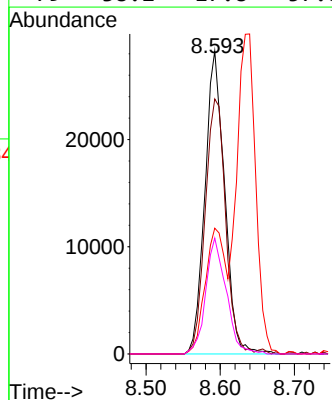
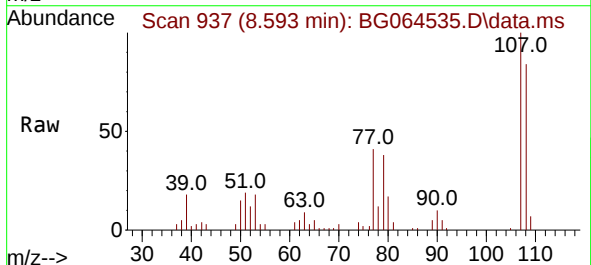
Instrument :
BNA_G
ClientSampleId :
SP6895

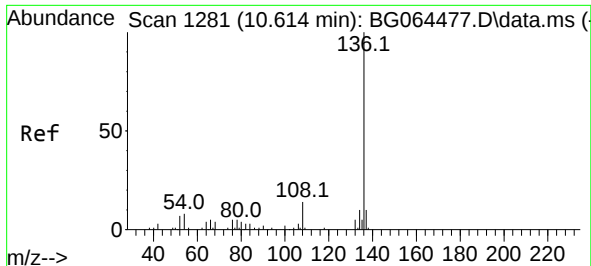
Tgt Ion: 70 Resp: 30868
Ion Ratio Lower Upper
70 100
42 83.1 64.9 97.3
101 9.9 8.7 13.1
130 24.5 15.8 23.8#



#20
3+4-Methylphenols
Concen: 47.096 ng
RT: 8.593 min Scan# 937
Delta R.T. 0.003 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

Tgt Ion:107 Resp: 52198
Ion Ratio Lower Upper
107 100
108 84.1 62.1 102.1
77 41.5 23.5 63.5
79 38.2 17.8 57.8

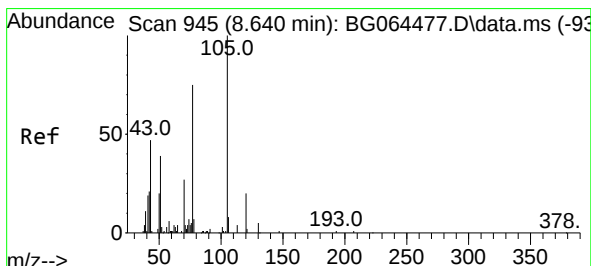
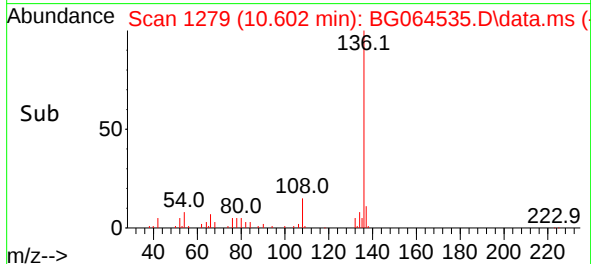
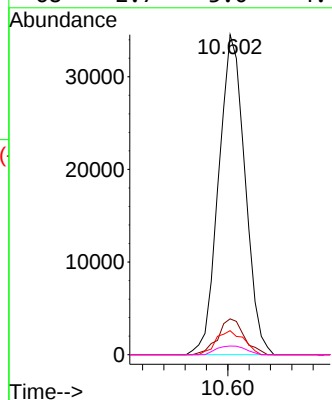
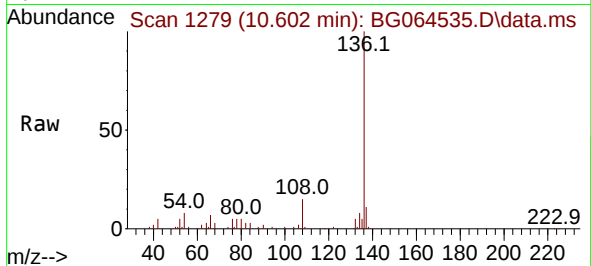




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.602 min Scan# 1279
Delta R.T. -0.003 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

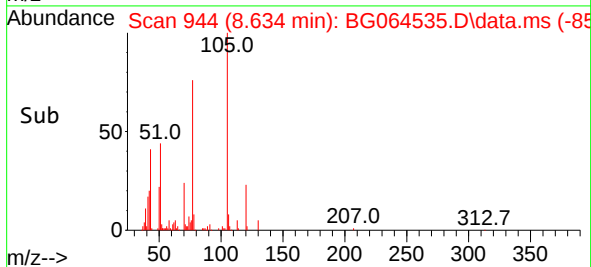
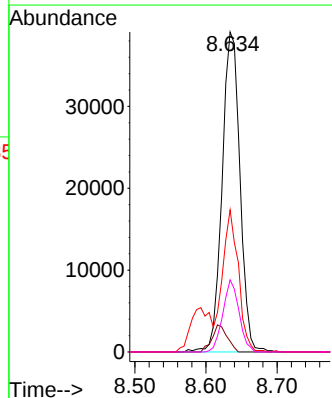
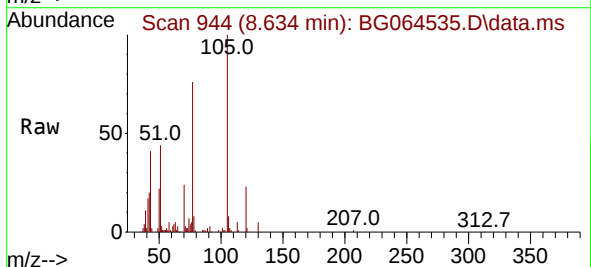
Instrument :
BNA_G
ClientSampleId :
SP6895

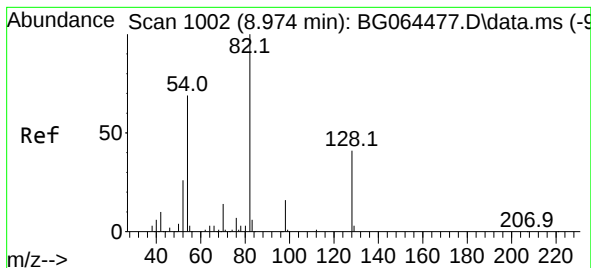
Tgt Ion:	136	Resp:	59190
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.3	12.5
54	7.5	6.2	9.4
68	2.7	3.0	4.4



#22
Acetophenone
Concen: 47.491 ng
RT: 8.634 min Scan# 944
Delta R.T. 0.002 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

Tgt Ion:	105	Resp:	68061
Ion Ratio	Lower	Upper	
105	100		
71	3.4	2.8	4.2
51	44.4	33.0	49.4
120	22.5	15.8	23.6





#23

Nitrobenzene-d5

Concen: 5.070 ng

RT: 8.892 min Scan# 91

Delta R.T. -0.074 min

Lab File: BG064535.D

Acq: 17 Oct 2025 14:23

Instrument :

BNA_G

ClientSampleId :

SP6895

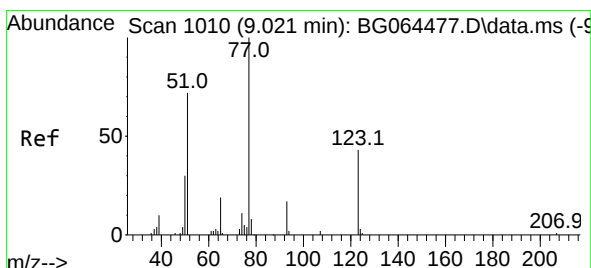
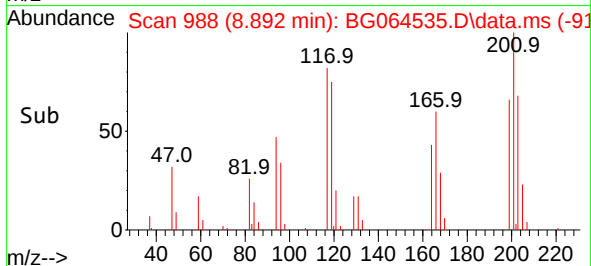
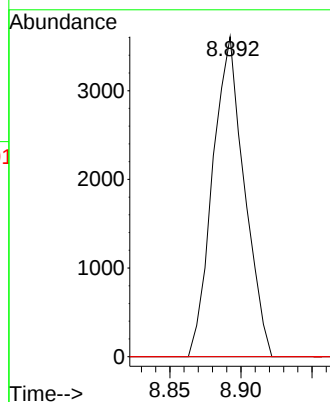
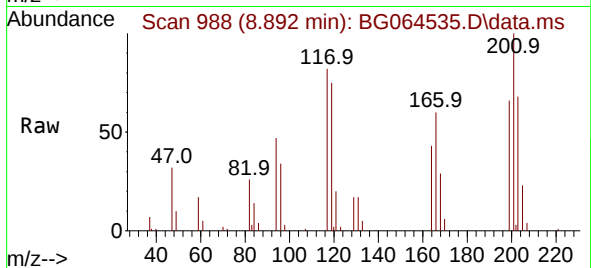
Tgt Ion: 82 Resp: 5581

Ion Ratio Lower Upper

82 100

128 0.0 33.1 49.7#

54 0.0 55.4 83.2#



#24

Nitrobenzene

Concen: 45.032 ng

RT: 9.010 min Scan# 1008

Delta R.T. -0.003 min

Lab File: BG064535.D

Acq: 17 Oct 2025 14:23

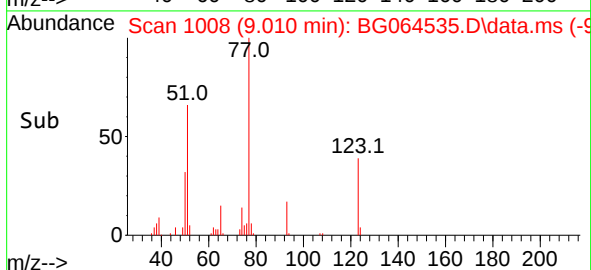
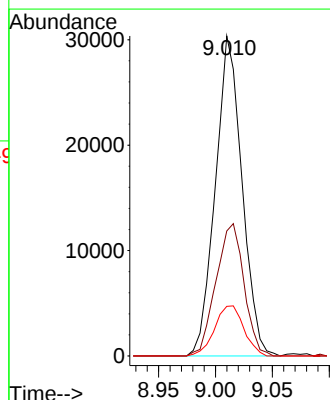
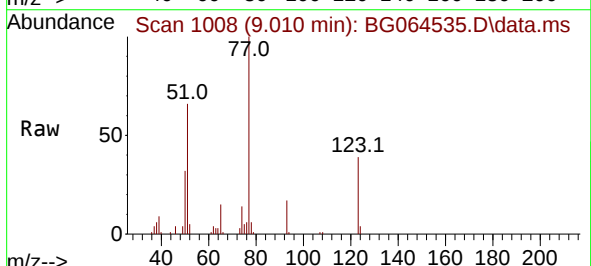
Tgt Ion: 77 Resp: 49433

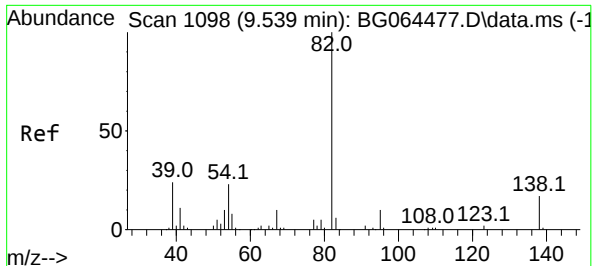
Ion Ratio Lower Upper

77 100

123 39.0 34.4 51.6

65 15.5 14.8 22.2

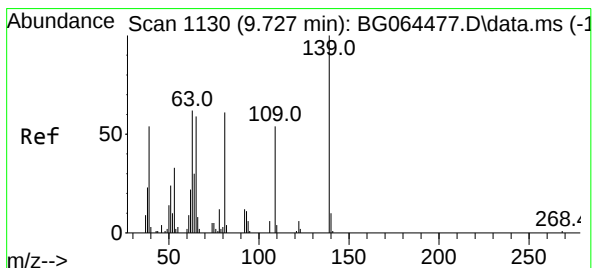
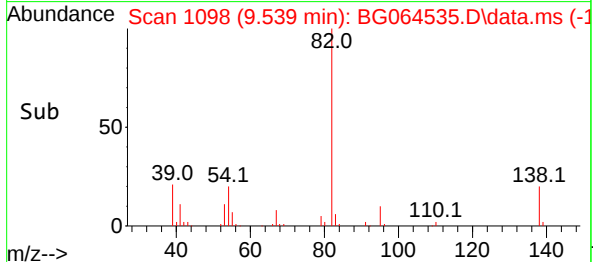
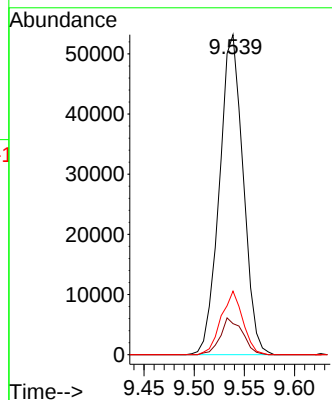
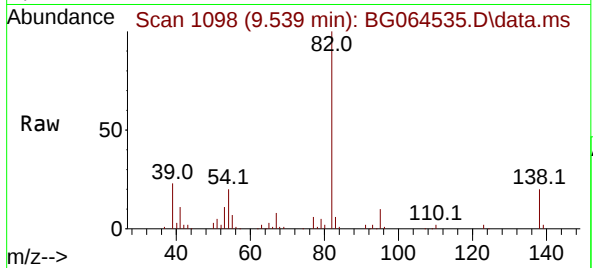




#25
Isophorone
Concen: 43.834 ng
RT: 9.539 min Scan# 1109
Delta R.T. 0.008 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

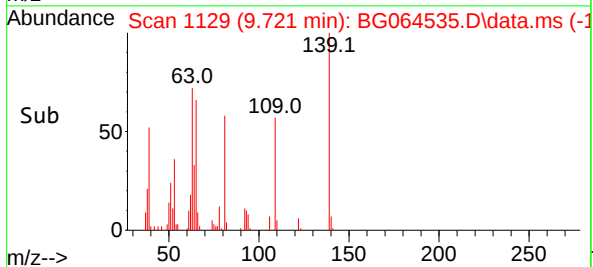
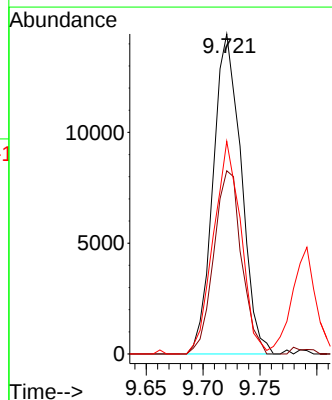
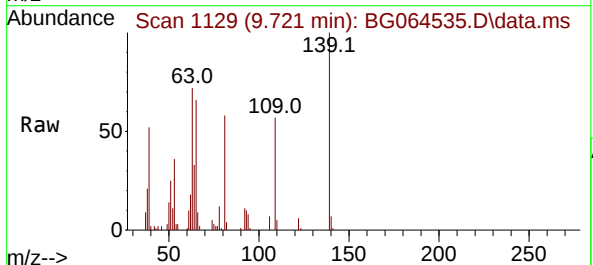
Instrument :
BNA_G
ClientSampleId :
SP6895

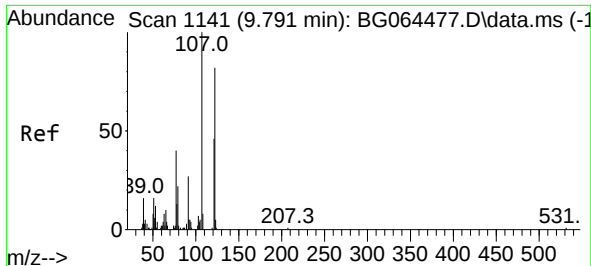
Tgt Ion: 82 Resp: 87414
Ion Ratio Lower Upper
82 100
95 9.7 7.8 11.8
138 19.9 13.8 20.6



#26
2-Nitrophenol
Concen: 45.314 ng
RT: 9.721 min Scan# 1129
Delta R.T. 0.003 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

Tgt Ion:139 Resp: 24757
Ion Ratio Lower Upper
139 100
109 57.3 43.0 64.6
65 66.4 47.4 71.2





#27

2,4-Dimethylphenol

Concen: 53.788 ng

RT: 9.785 min Scan# 1141

Delta R.T. 0.003 min

Lab File: BG064535.D

Acq: 17 Oct 2025 14:23

Instrument :

BNA_G

ClientSampleId :

SP6895

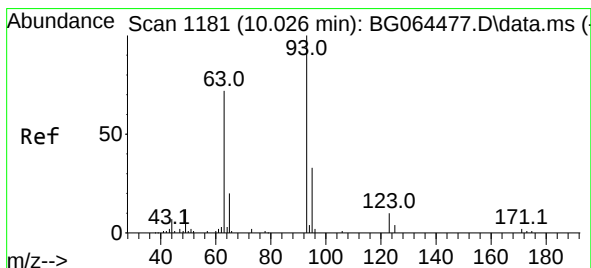
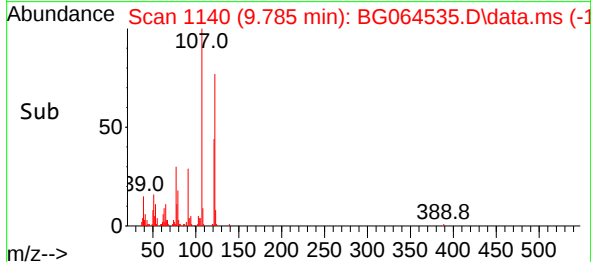
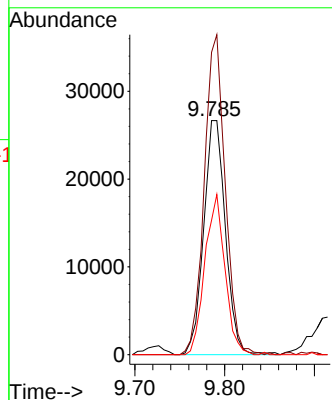
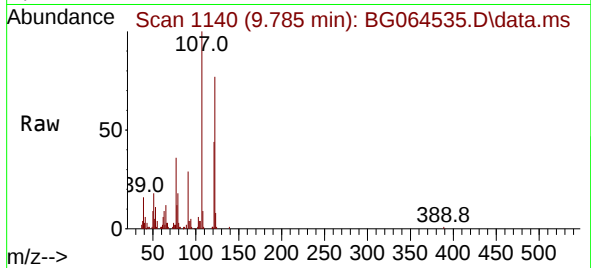
Tgt Ion:122 Resp: 44884

Ion Ratio Lower Upper

122 100

107 129.2 98.3 147.5

121 57.4 44.7 67.1



#28

bis(2-Chloroethoxy)methane

Concen: 45.184 ng

RT: 10.020 min Scan# 1180

Delta R.T. 0.003 min

Lab File: BG064535.D

Acq: 17 Oct 2025 14:23

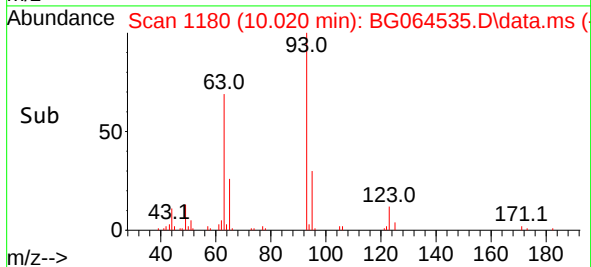
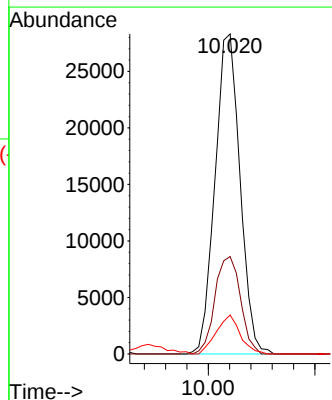
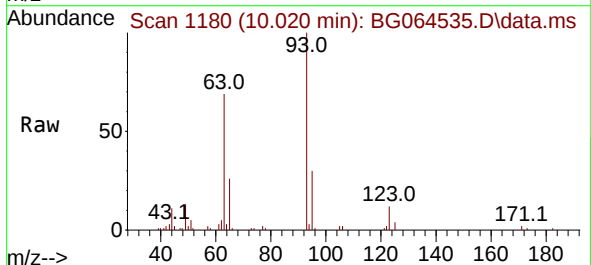
Tgt Ion: 93 Resp: 45930

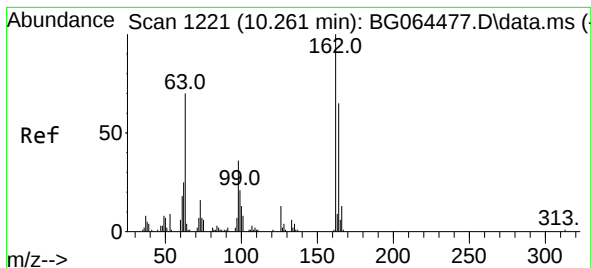
Ion Ratio Lower Upper

93 100

95 30.4 26.5 39.7

123 12.2 8.9 13.3

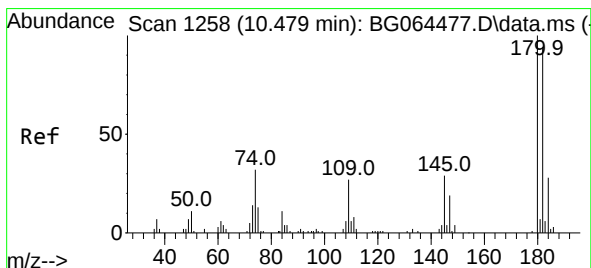
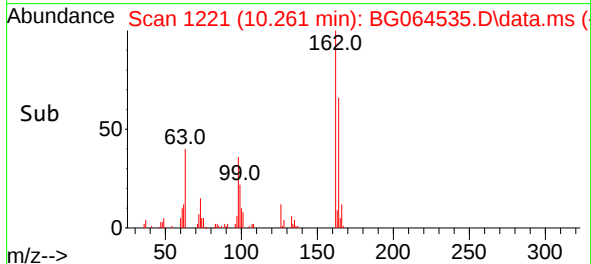
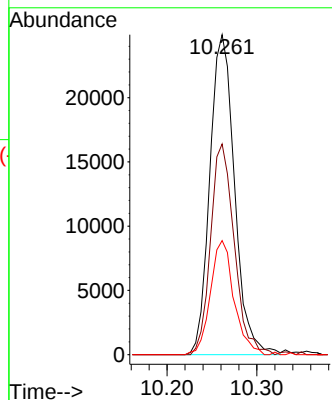
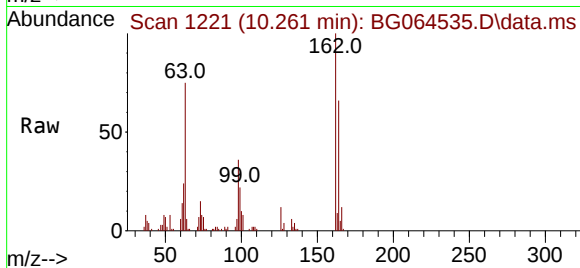




#29
2,4-Dichlorophenol
Concen: 49.293 ng
RT: 10.261 min Scan# 1221
Delta R.T. 0.002 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

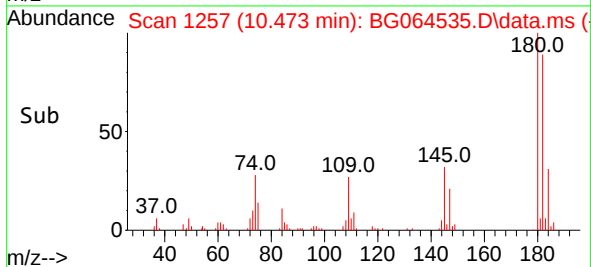
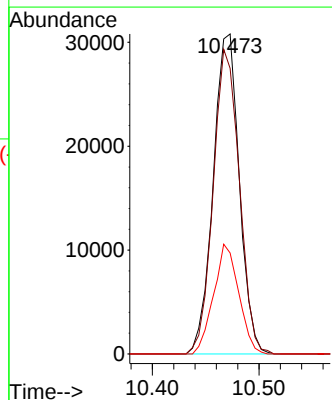
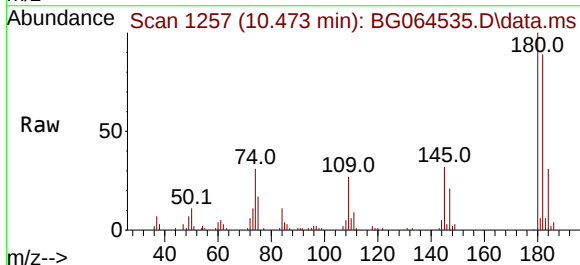
Instrument :
BNA_G
ClientSampleId :
SP6895

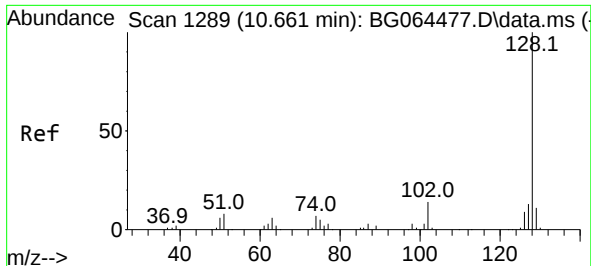
Tgt Ion:	162	Resp:	47566
Ion Ratio	Lower	Upper	
162	100		
164	65.9	45.4	85.4
98	35.7	16.4	56.4



#30
1,2,4-Trichlorobenzene
Concen: 49.655 ng
RT: 10.473 min Scan# 1257
Delta R.T. 0.002 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

Tgt Ion:	180	Resp:	52244
Ion Ratio	Lower	Upper	
180	100		
182	89.3	75.4	113.2
145	31.6	23.2	34.8

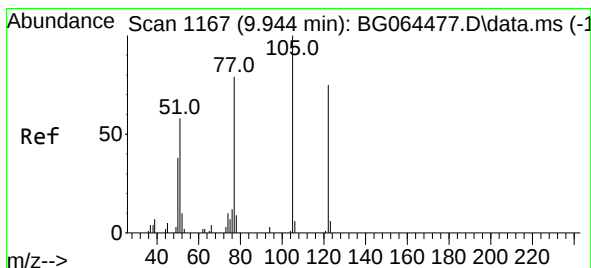
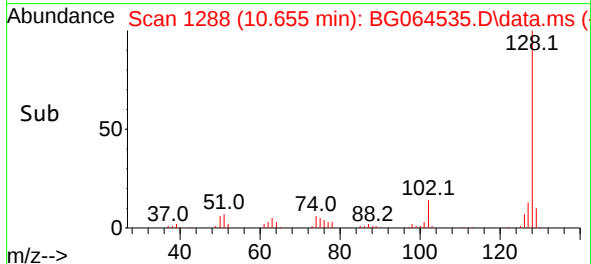
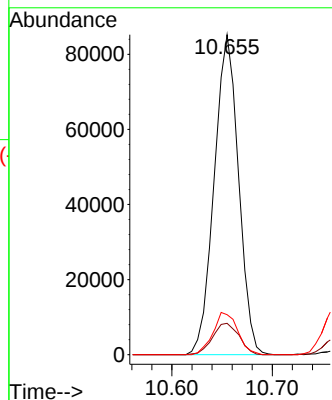
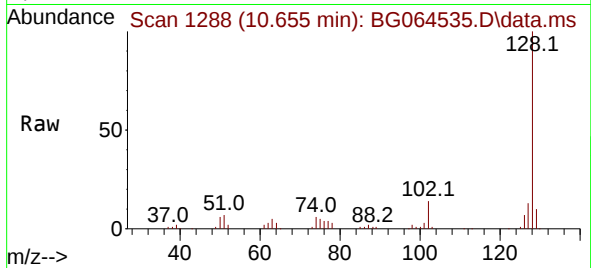




#31
Naphthalene
Concen: 47.085 ng
RT: 10.655 min Scan# 1168
Delta R.T. 0.003 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

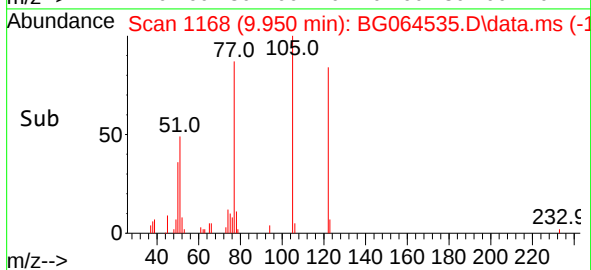
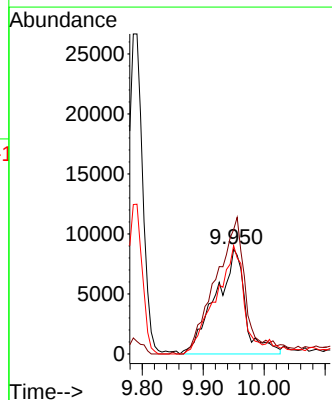
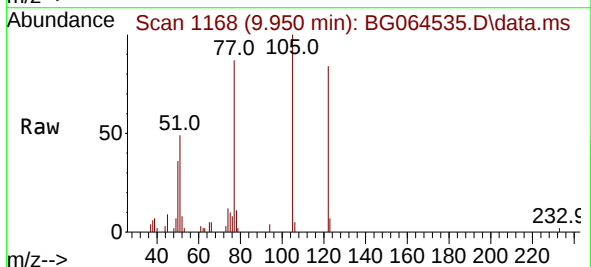
Instrument :
BNA_G
ClientSampleId :
SP6895

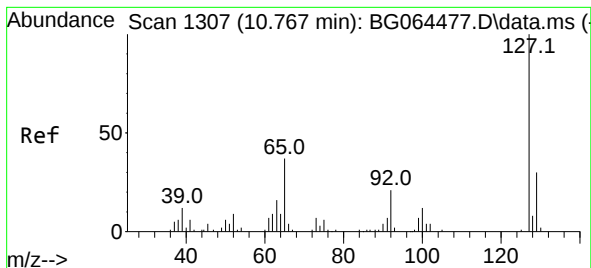
Tgt Ion:128 Resp: 143514
Ion Ratio Lower Upper
128 100
129 9.8 8.7 13.1
127 12.5 10.2 15.2



#32
Benzoic acid
Concen: 46.514 ng
RT: 9.950 min Scan# 1168
Delta R.T. 0.061 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

Tgt Ion:122 Resp: 29800
Ion Ratio Lower Upper
122 100
105 118.6 113.9 153.9
77 103.3 86.1 126.1

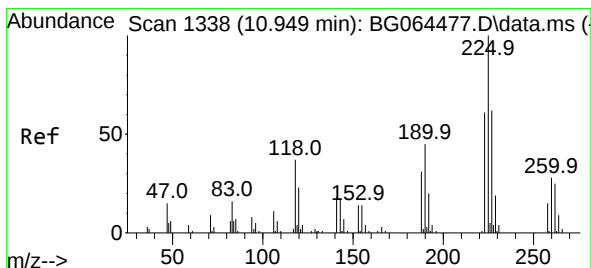
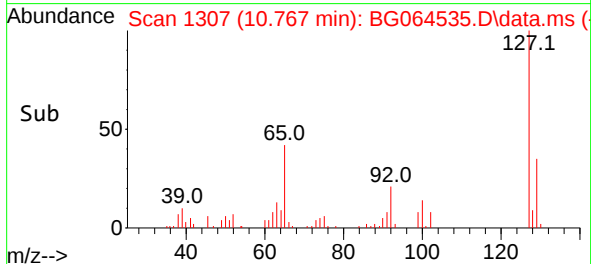
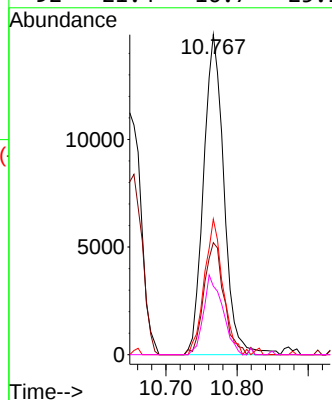
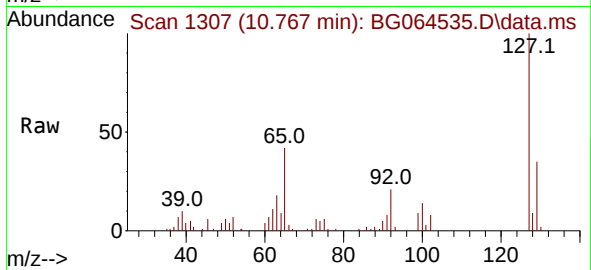




#33
4-Chloroaniline
Concen: 25.378 ng
RT: 10.767 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

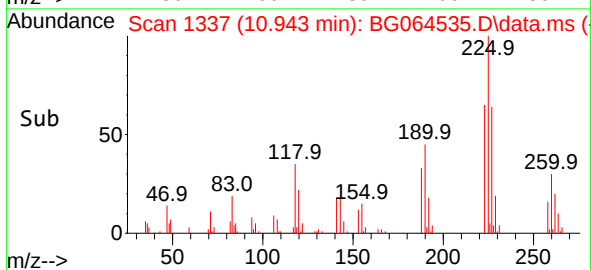
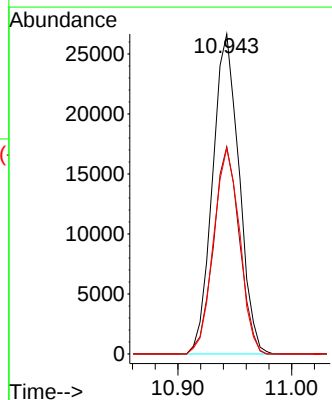
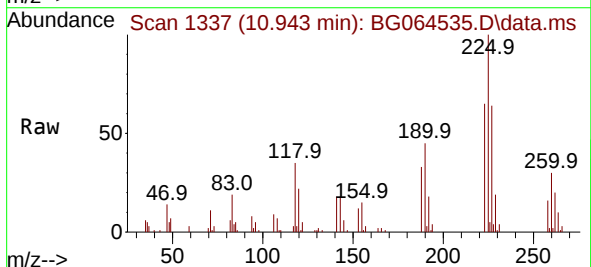
Instrument :
BNA_G
ClientSampleId :
SP6895

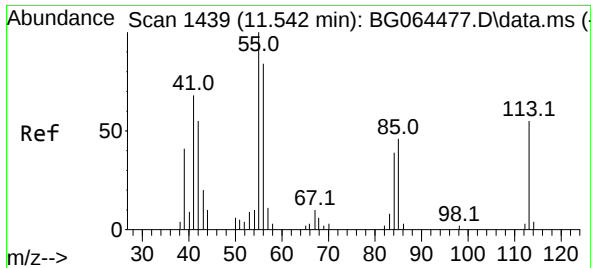
Tgt Ion:	127	Resp:	29682
Ion	Ratio	Lower	Upper
127	100		
129	35.0	24.2	36.4
65	42.4	29.6	44.4
92	21.4	16.7	25.1



#34
Hexachlorobutadiene
Concen: 47.870 ng
RT: 10.943 min Scan# 1337
Delta R.T. -0.003 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

Tgt Ion:	225	Resp:	43134
Ion	Ratio	Lower	Upper
225	100		
223	64.7	49.0	73.6
227	64.2	49.9	74.9

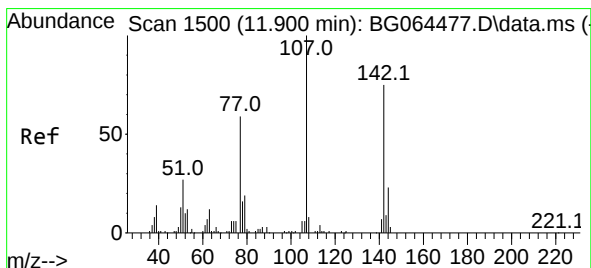
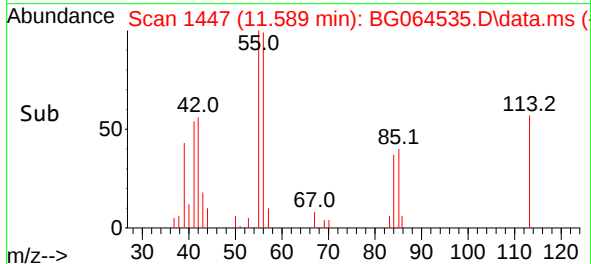
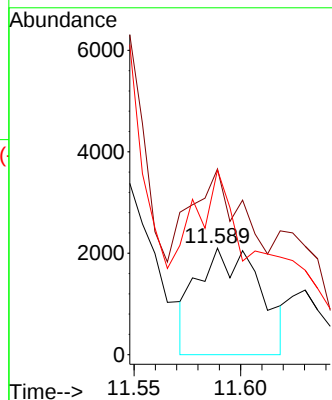
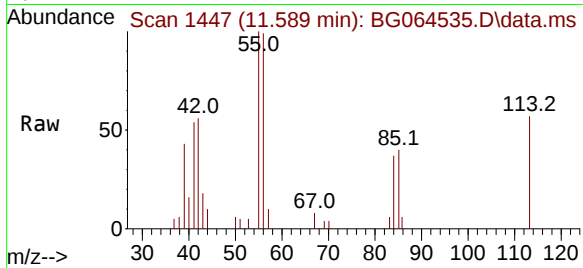




#35
 Caprolactam
 Concen: 12.923 ng
 RT: 11.589 min Scan# 1439
 Delta R.T. 0.079 min
 Lab File: BG064535.D
 Acq: 17 Oct 2025 14:23

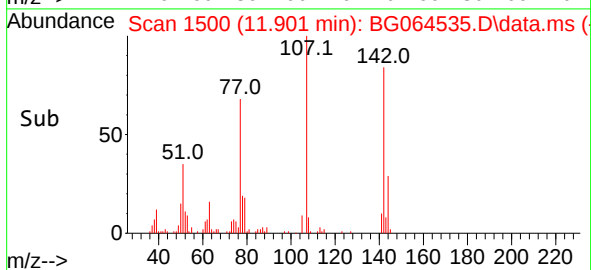
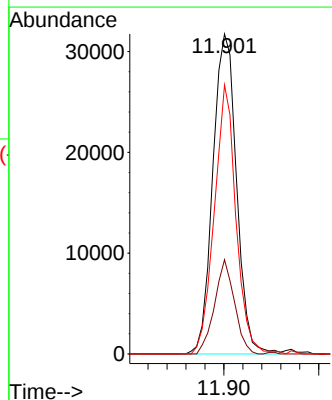
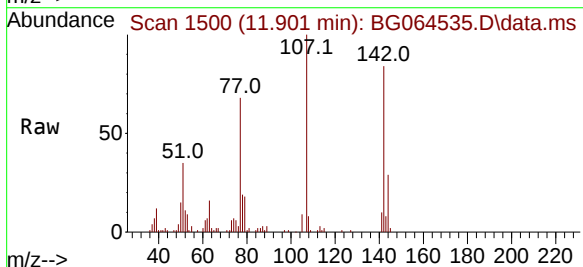
Instrument :
 BNA_G
 ClientSampleId :
 SP6895

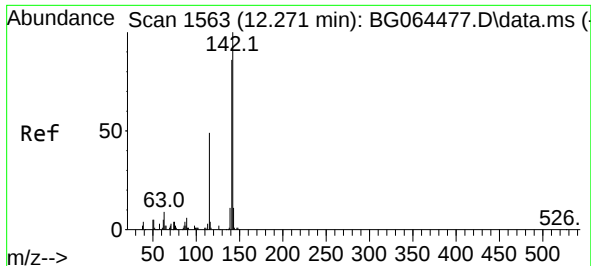
Tgt Ion:113 Resp: 4269
 Ion Ratio Lower Upper
 113 100
 55 174.2 162.0 202.0
 56 173.2 134.6 174.6



#36
 4-Chloro-3-methylphenol
 Concen: 46.954 ng
 RT: 11.901 min Scan# 1500
 Delta R.T. 0.008 min
 Lab File: BG064535.D
 Acq: 17 Oct 2025 14:23

Tgt Ion:107 Resp: 55099
 Ion Ratio Lower Upper
 107 100
 144 29.4 18.7 28.1#
 142 84.1 60.2 90.2





#37

2-Methylnaphthalene

Concen: 41.842 ng

RT: 12.265 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG064535.D

Acq: 17 Oct 2025 14:23

Instrument :

BNA_G

ClientSampleId :

SP6895

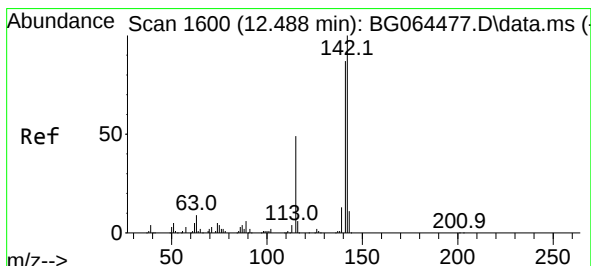
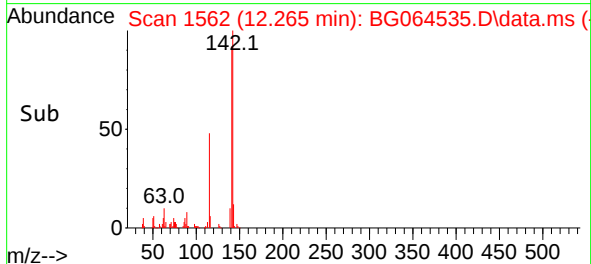
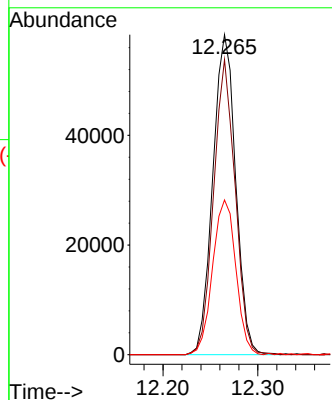
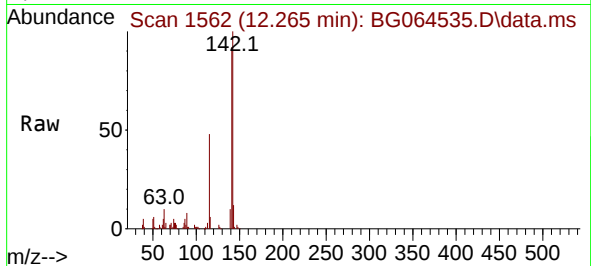
Tgt Ion:142 Resp: 97897

Ion Ratio Lower Upper

142 100

141 92.2 68.7 103.1

115 48.4 39.3 58.9



#38

1-Methylnaphthalene

Concen: 44.459 ng

RT: 12.482 min Scan# 1599

Delta R.T. -0.003 min

Lab File: BG064535.D

Acq: 17 Oct 2025 14:23

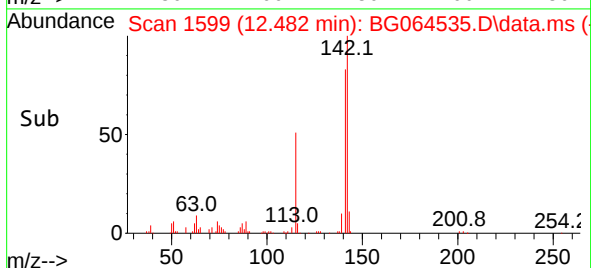
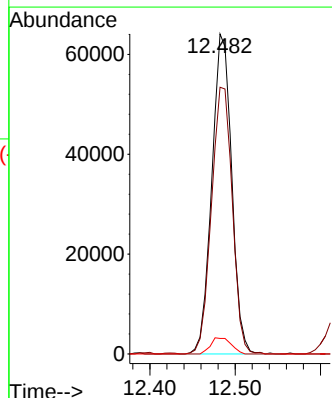
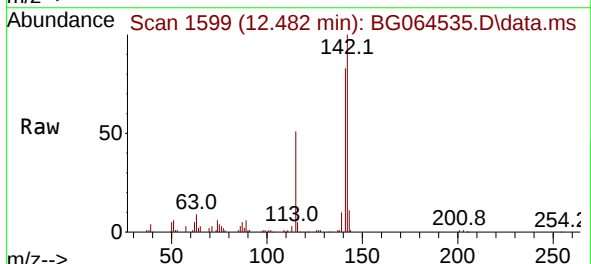
Tgt Ion:142 Resp: 103721

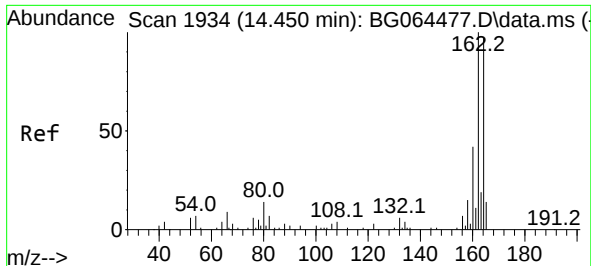
Ion Ratio Lower Upper

142 100

141 83.3 69.8 104.8

116 4.8 4.6 6.8

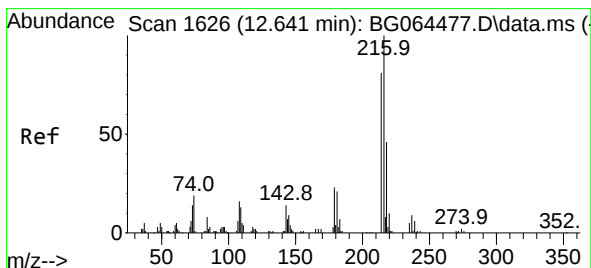
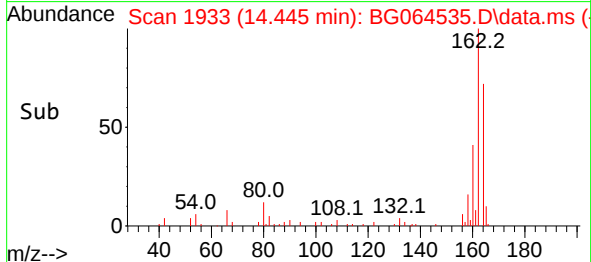
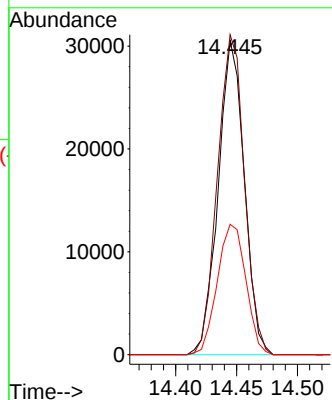
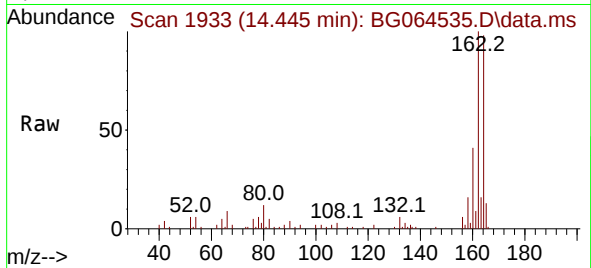




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1934
Delta R.T. -0.003 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

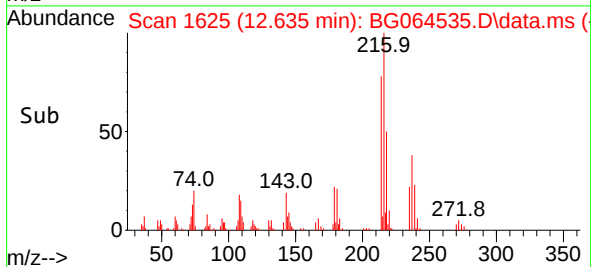
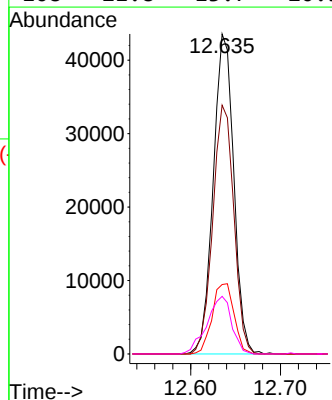
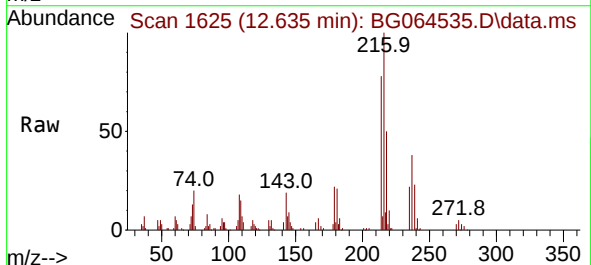
Instrument :
BNA_G
ClientSampleId :
SP6895

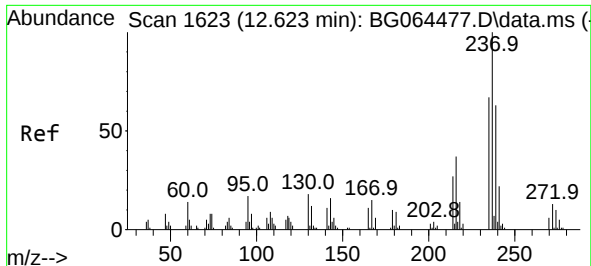
Tgt Ion:164 Resp: 45613
Ion Ratio Lower Upper
164 100
162 101.8 82.2 123.2
160 41.5 34.3 51.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.862 ng
RT: 12.635 min Scan# 1625
Delta R.T. -0.003 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

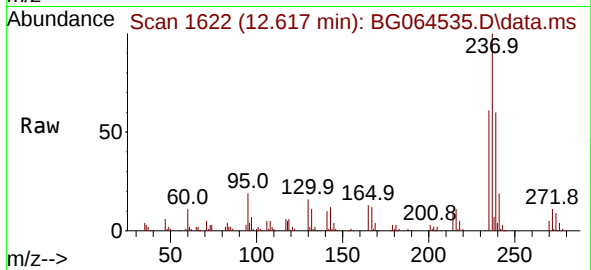
Tgt Ion:216 Resp: 69017
Ion Ratio Lower Upper
216 100
214 79.7 62.5 93.7
179 23.4 17.0 25.6
108 21.8 13.7 20.5#



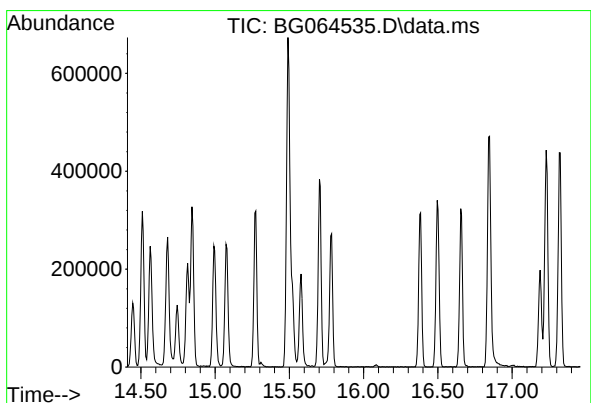
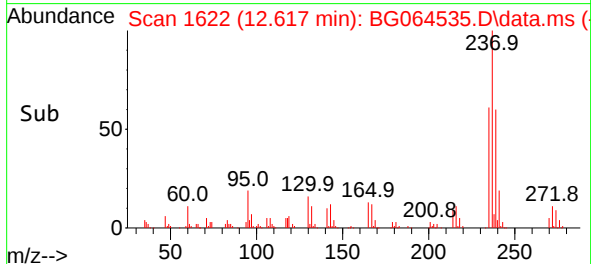
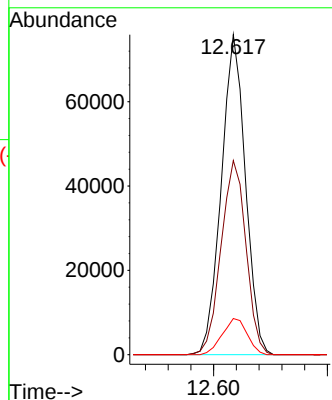


#41
 Hexachlorocyclopentadiene
 Concen: 145.234 ng
 RT: 12.617 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: BG064535.D
 Acq: 17 Oct 2025 14:23

Instrument :
 BNA_G
 ClientSampleId :
 SP6895



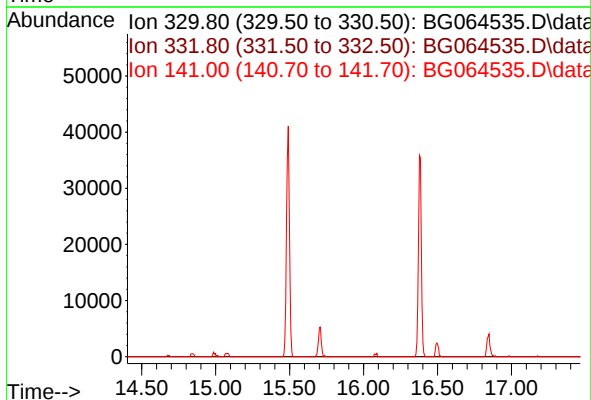
Tgt Ion:237 Resp: 111887
 Ion Ratio Lower Upper
 237 100
 235 60.7 46.9 86.9
 272 11.3 0.0 32.6

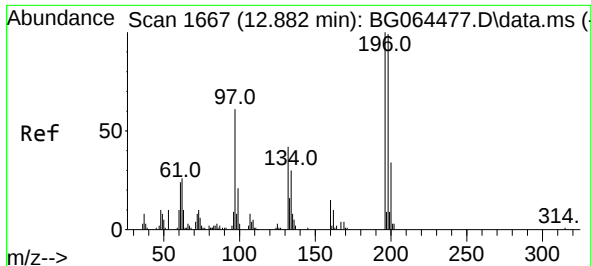


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 15.93 min

Lab File: BG064535.D
 Acq: 17 Oct 2025 14:23

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.7
 141 32.2

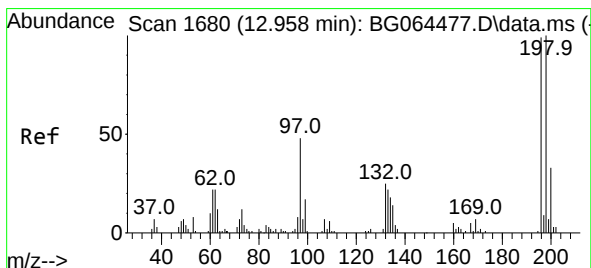
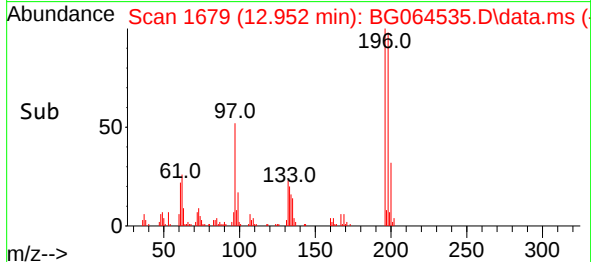
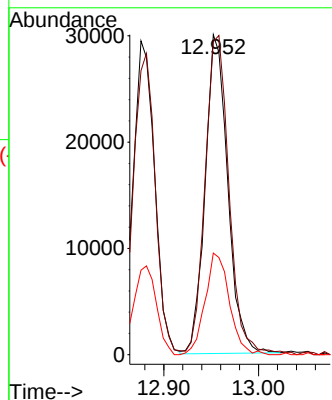
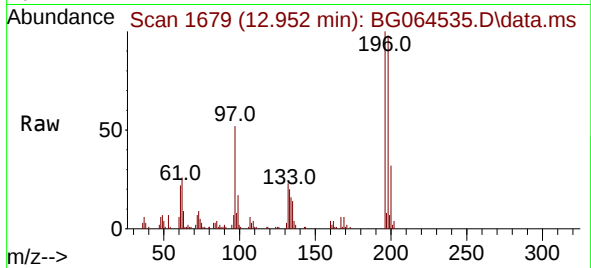




#43
2,4,6-Trichlorophenol
Concen: 52.733 ng
RT: 12.952 min Scan# 1679
Delta R.T. 0.073 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

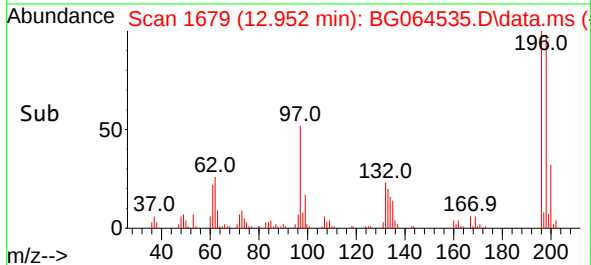
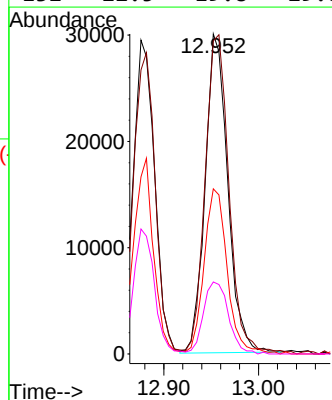
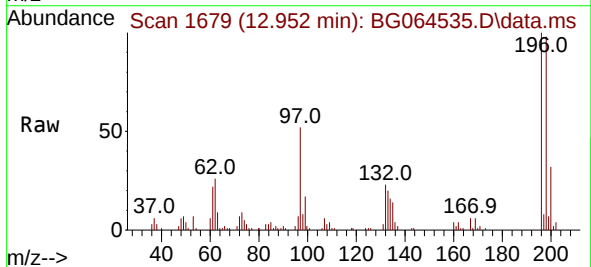
Instrument :
BNA_G
ClientSampleId :
SP6895

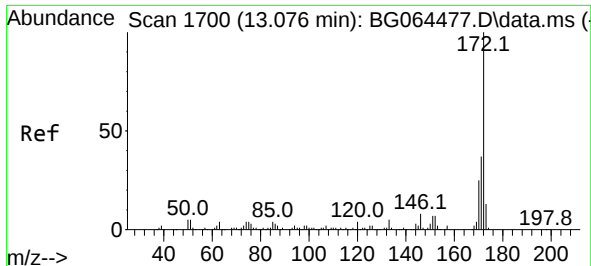
Tgt Ion:196 Resp: 49647
Ion Ratio Lower Upper
196 100
198 97.9 79.3 118.9
200 31.7 27.4 41.2



#44
2,4,5-Trichlorophenol
Concen: 47.234 ng
RT: 12.952 min Scan# 1679
Delta R.T. -0.003 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

Tgt Ion:196 Resp: 49647
Ion Ratio Lower Upper
196 100
198 97.9 80.3 120.5
97 51.6 39.4 59.0
132 22.5 19.8 29.8

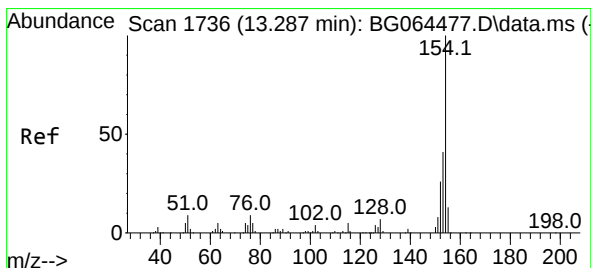
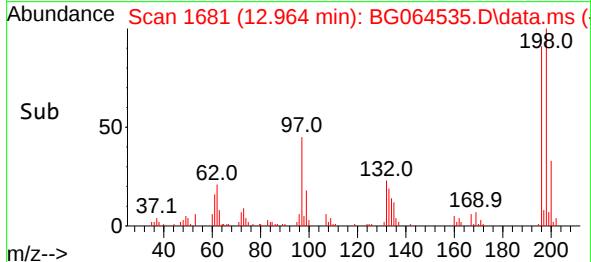
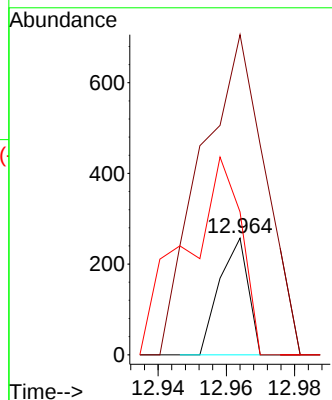
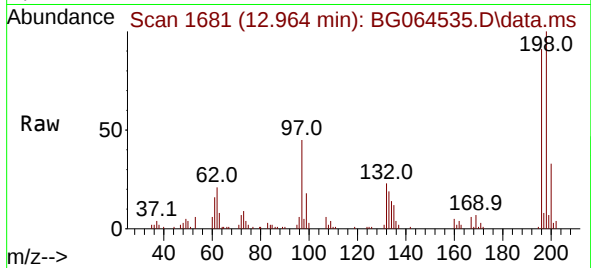




#45
2-Fluorobiphenyl
Concen: 0.048 ng
RT: 12.964 min Scan# 1
Delta R.T. -0.103 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

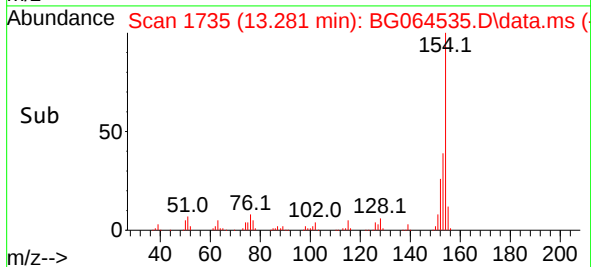
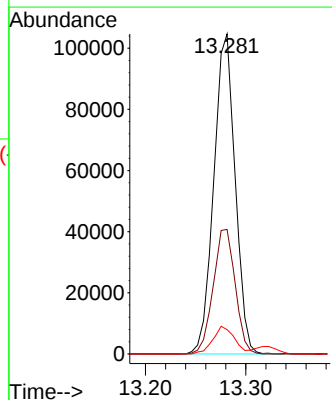
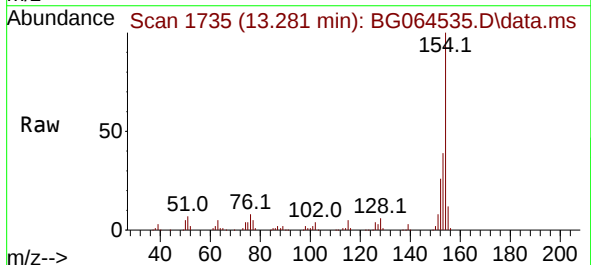
Instrument :
BNA_G
ClientSampleId :
SP6895

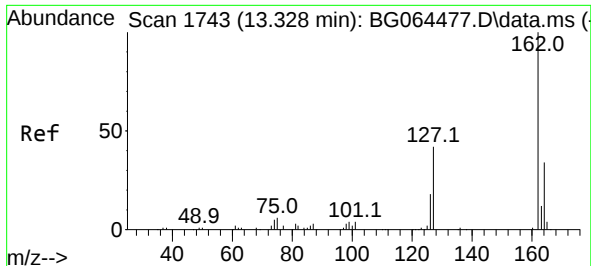
Tgt Ion:172 Resp: 150
Ion Ratio Lower Upper
172 100
171 274.7 29.6 44.4#
170 122.6 20.2 30.2#



#46
1,1'-Biphenyl
Concen: 47.039 ng
RT: 13.281 min Scan# 1735
Delta R.T. 0.002 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

Tgt Ion:154 Resp: 154319
Ion Ratio Lower Upper
154 100
153 38.9 20.7 60.7
76 7.6 0.0 29.3

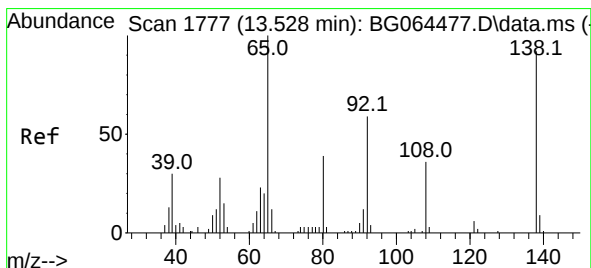
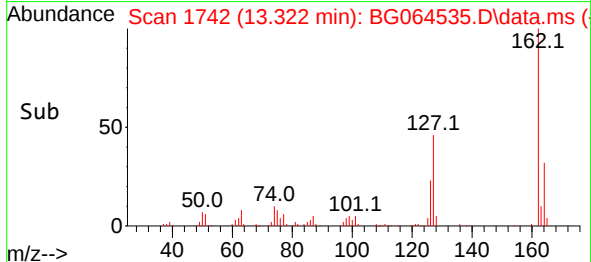
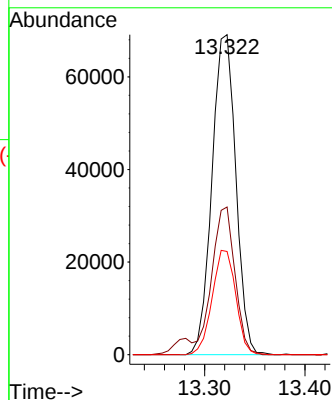
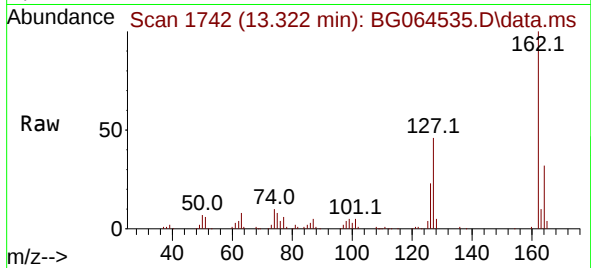




#47
2-Chloronaphthalene
Concen: 46.620 ng
RT: 13.322 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

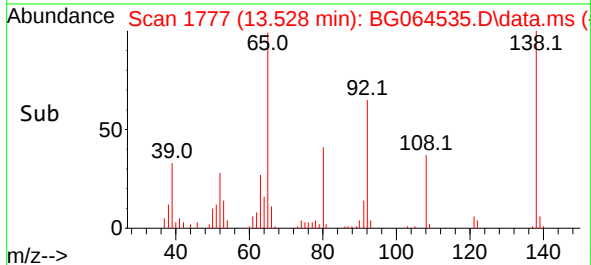
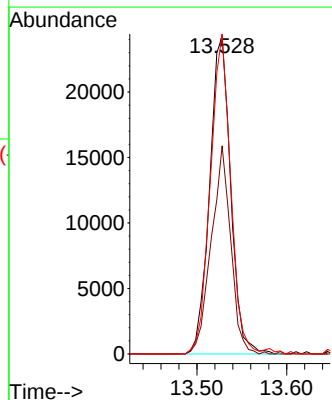
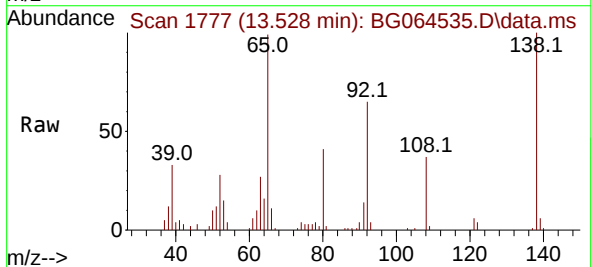
Instrument :
BNA_G
ClientSampleId :
SP6895

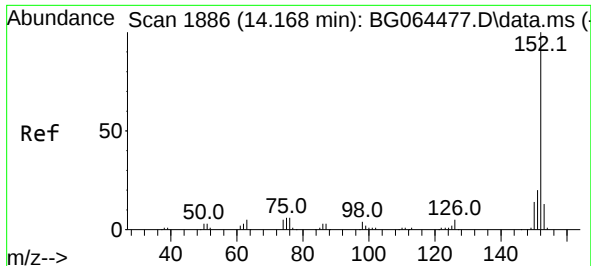
Tgt Ion:162 Resp: 114191
Ion Ratio Lower Upper
162 100
127 46.1 35.8 53.8
164 32.2 27.2 40.8



#48
2-Nitroaniline
Concen: 47.016 ng
RT: 13.528 min Scan# 1777
Delta R.T. 0.002 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

Tgt Ion: 65 Resp: 39304
Ion Ratio Lower Upper
65 100
92 65.6 47.0 70.6
138 100.9 73.5 110.3

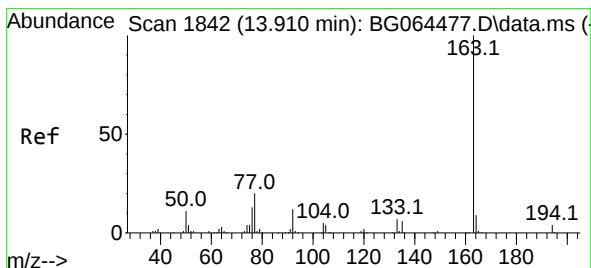
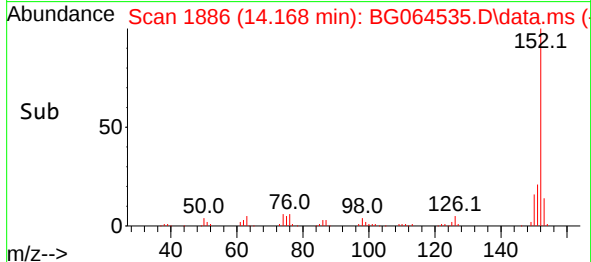
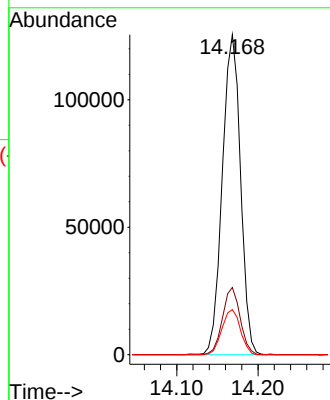
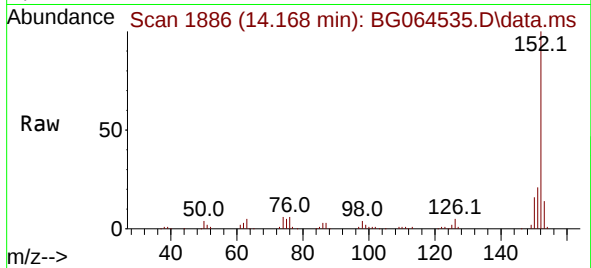




#49
Acenaphthylene
Concen: 53.738 ng
RT: 14.168 min Scan# 1886
Delta R.T. -0.003 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

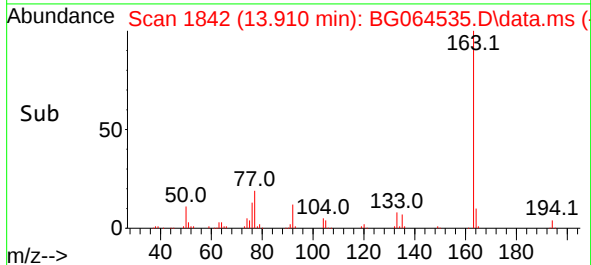
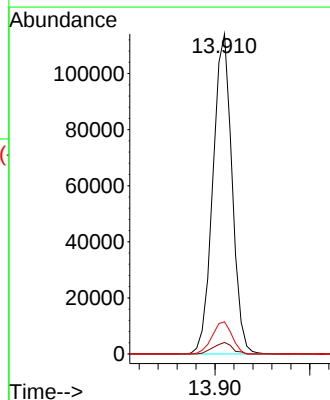
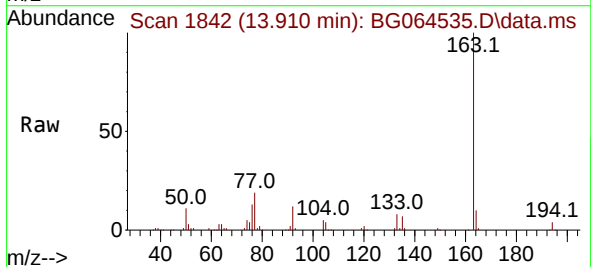
Instrument :
BNA_G
ClientSampleId :
SP6895

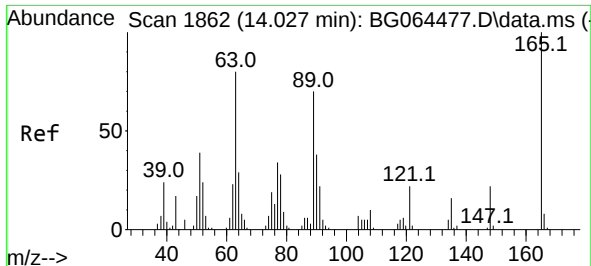
Tgt Ion:152 Resp: 195393
Ion Ratio Lower Upper
152 100
151 21.0 15.8 23.6
153 14.1 10.6 15.8



#50
Dimethylphthalate
Concen: 44.577 ng
RT: 13.910 min Scan# 1842
Delta R.T. 0.008 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

Tgt Ion:163 Resp: 159248
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 10.1 7.4 11.0

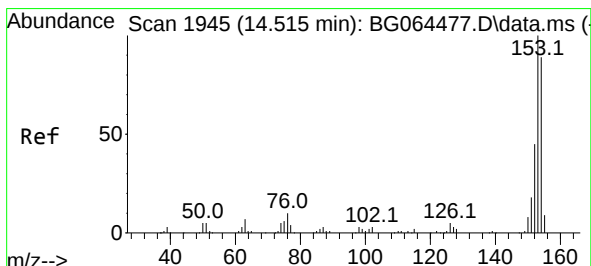
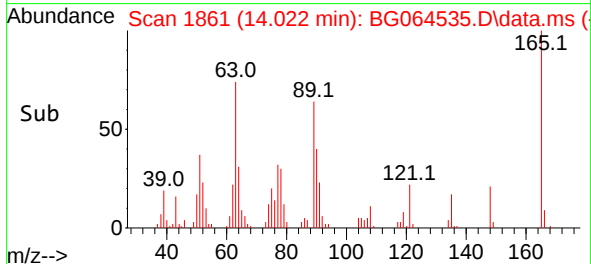
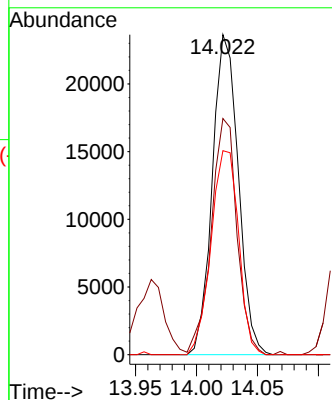
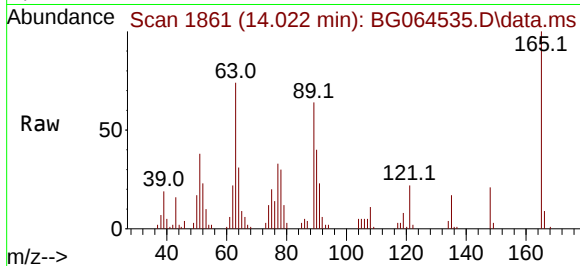




#51
2,6-Dinitrotoluene
Concen: 47.038 ng
RT: 14.022 min Scan# 1861
Delta R.T. 0.003 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

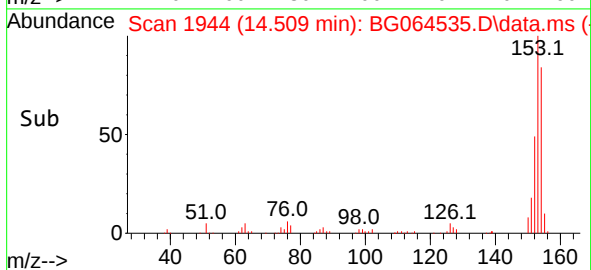
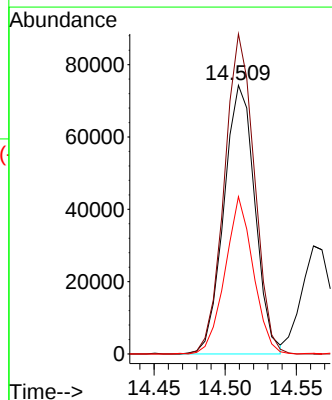
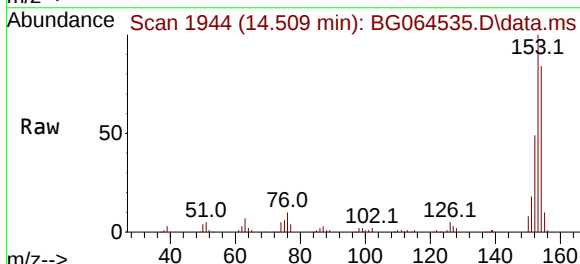
Instrument :
BNA_G
ClientSampleId :
SP6895

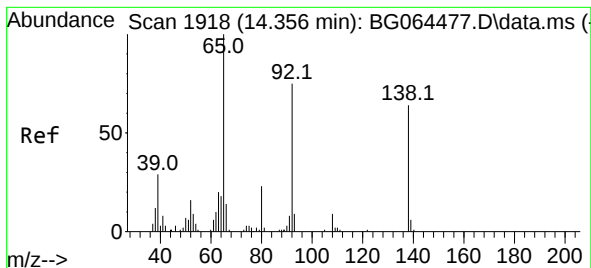
Tgt Ion:165 Resp: 35005
Ion Ratio Lower Upper
165 100
63 73.8 63.9 95.9
89 63.8 56.1 84.1



#52
Acenaphthene
Concen: 44.716 ng
RT: 14.509 min Scan# 1944
Delta R.T. -0.003 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

Tgt Ion:154 Resp: 112958
Ion Ratio Lower Upper
154 100
153 119.1 90.2 135.4
152 58.5 40.2 60.4

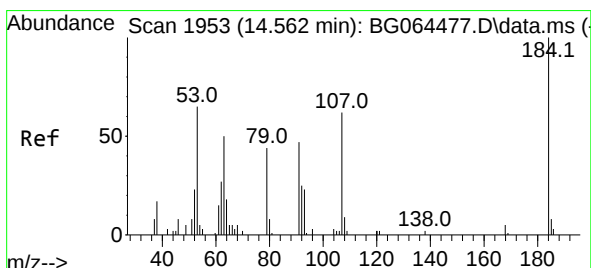
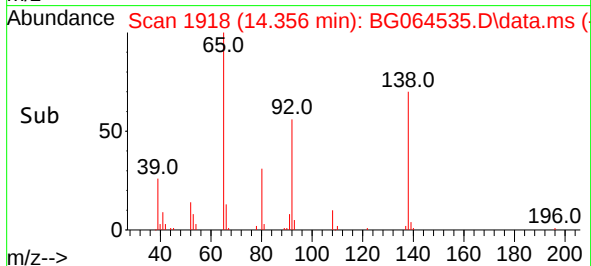
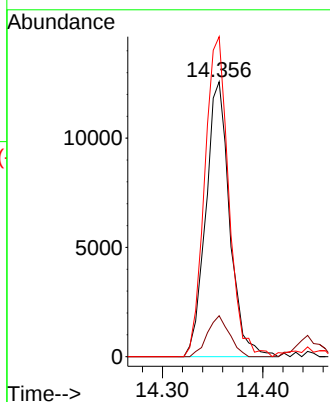
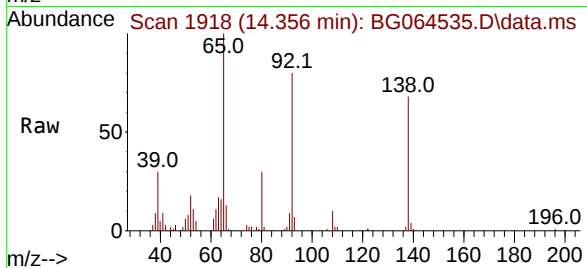




#53
3-Nitroaniline
Concen: 30.332 ng
RT: 14.356 min Scan# 1918
Delta R.T. 0.008 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

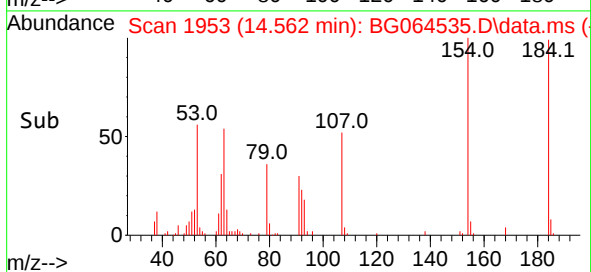
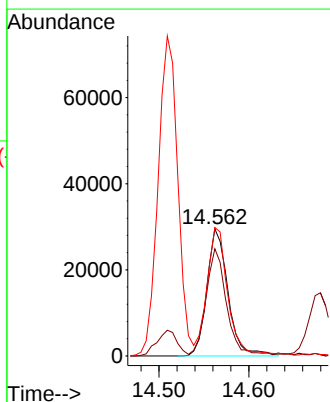
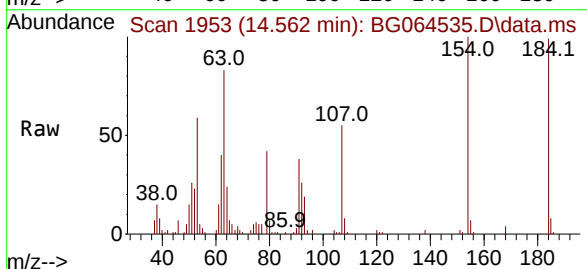
Instrument :
BNA_G
ClientSampleId :
SP6895

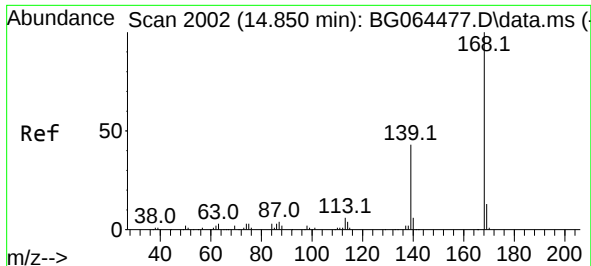
Tgt Ion:138 Resp: 20817
Ion Ratio Lower Upper
138 100
108 14.9 10.6 15.8
92 116.4 93.2 139.8



#54
2,4-Dinitrophenol
Concen: 89.312 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.003 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

Tgt Ion:184 Resp: 48194
Ion Ratio Lower Upper
184 100
63 84.3 69.0 103.4
154 101.2 95.6 143.4

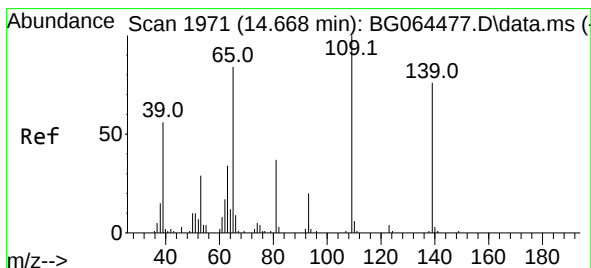
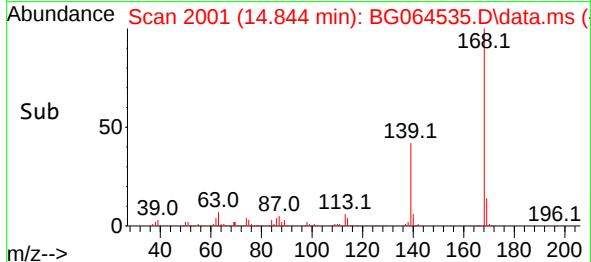
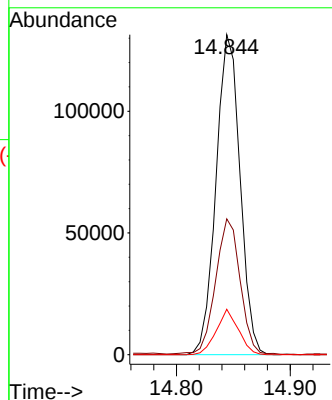
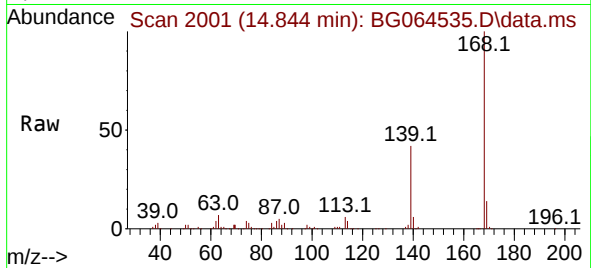




#55
Dibenzofuran
Concen: 46.238 ng
RT: 14.844 min Scan# 2002
Delta R.T. -0.003 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

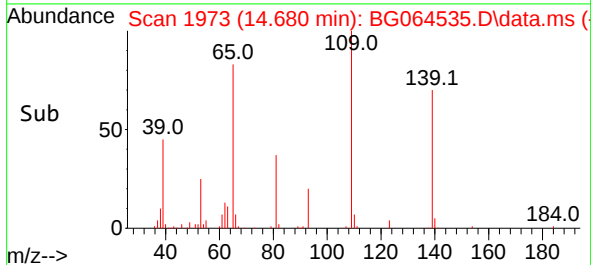
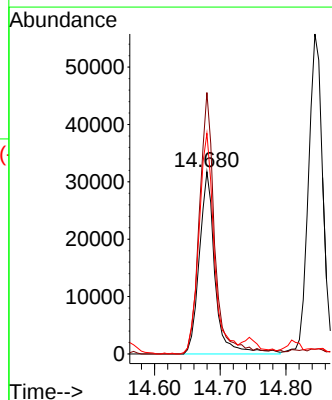
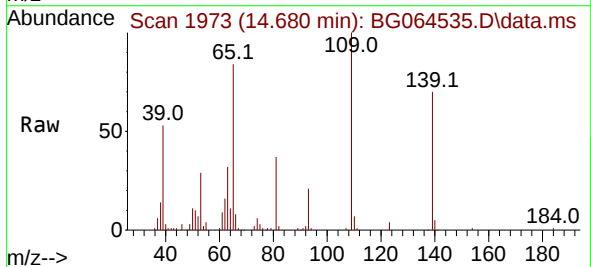
Instrument :
BNA_G
ClientSampleId :
SP6895

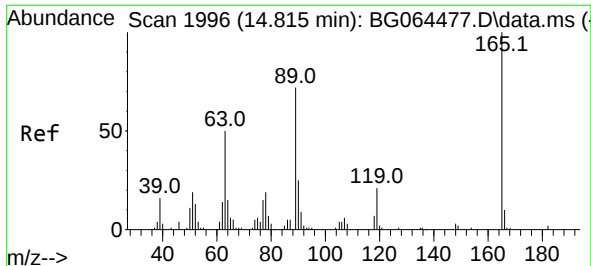
Tgt Ion:168 Resp: 192858
Ion Ratio Lower Upper
168 100
139 42.4 34.0 51.0
169 14.2 10.2 15.2



#56
4-Nitrophenol
Concen: 97.748 ng
RT: 14.680 min Scan# 1973
Delta R.T. 0.014 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

Tgt Ion:139 Resp: 52818
Ion Ratio Lower Upper
139 100
109 143.5 111.8 151.8
65 121.1 91.1 131.1

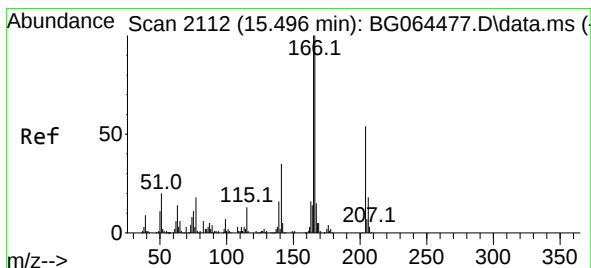
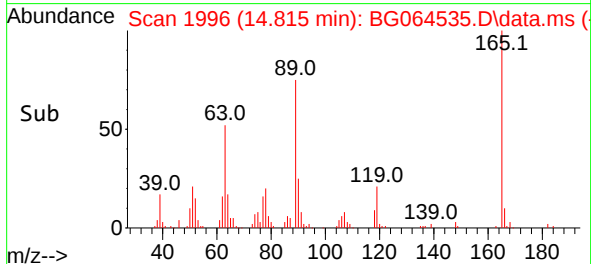
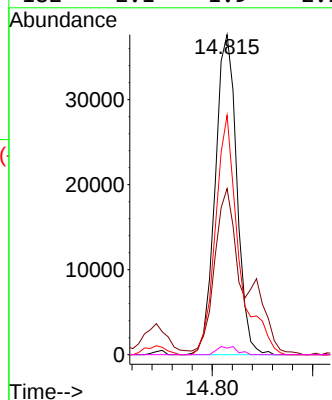
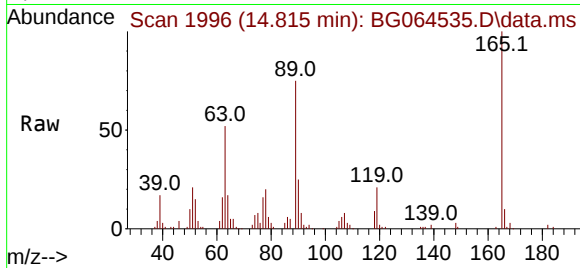




#57
2,4-Dinitrotoluene
Concen: 49.311 ng
RT: 14.815 min Scan# 1996
Delta R.T. 0.003 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

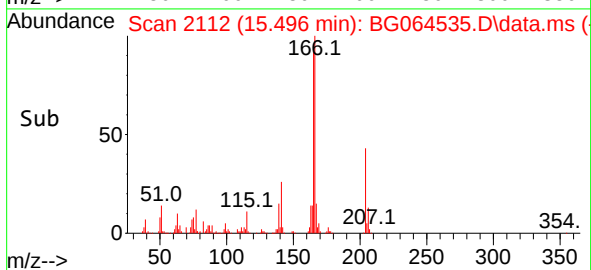
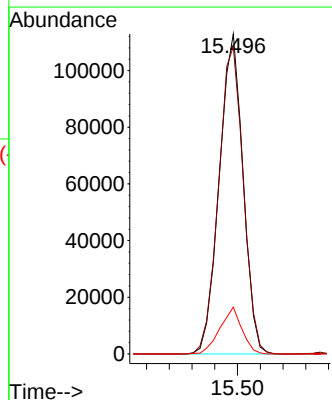
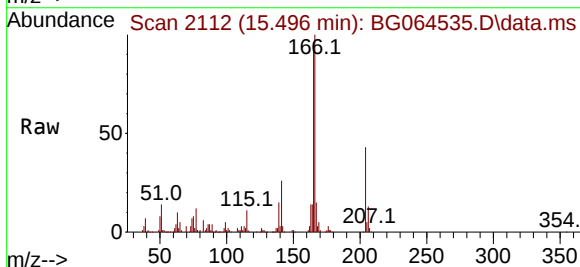
Instrument :
BNA_G
ClientSampleId :
SP6895

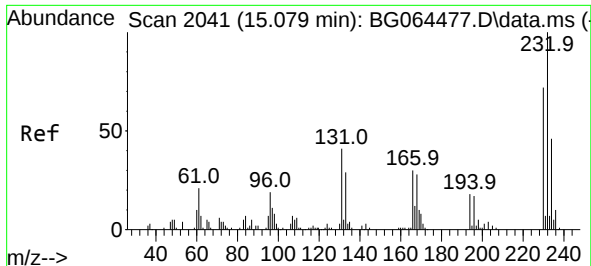
Tgt Ion:	165	Resp:	56097
Ion	Ratio	Lower	Upper
165	100		
63	51.9	40.4	60.6
89	74.8	57.3	85.9
182	2.1	1.9	2.9



#58
Fluorene
Concen: 47.222 ng
RT: 15.496 min Scan# 2112
Delta R.T. 0.003 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

Tgt Ion:	166	Resp:	163745
Ion	Ratio	Lower	Upper
166	100		
165	96.1	79.8	119.6
167	14.6	11.7	17.5

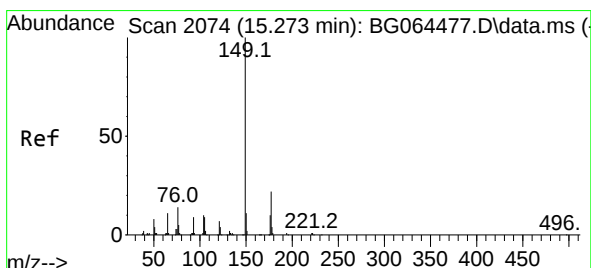
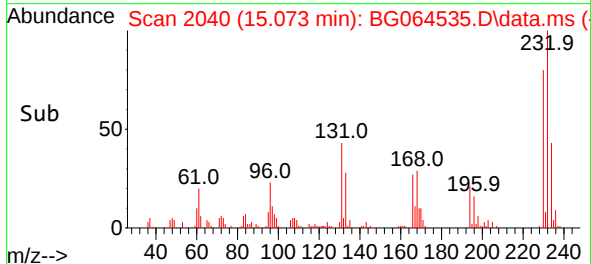
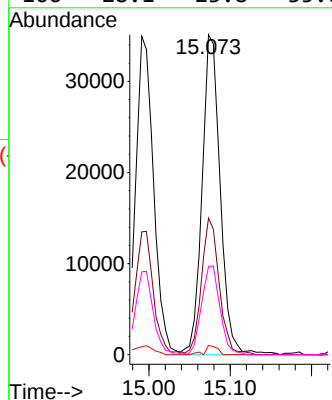
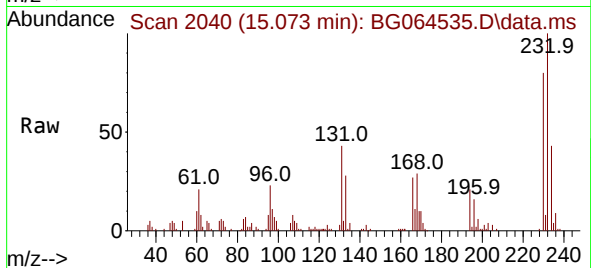




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.799 ng
RT: 15.073 min Scan# 2041
Delta R.T. 0.002 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

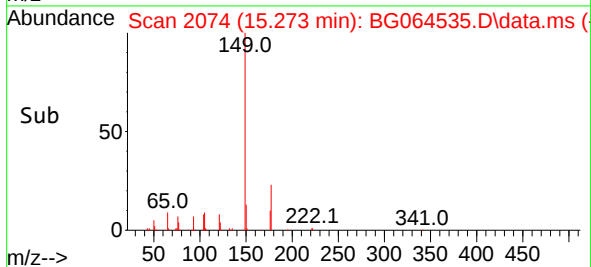
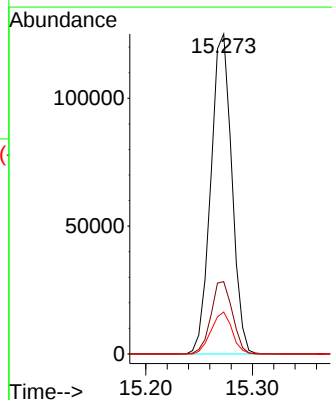
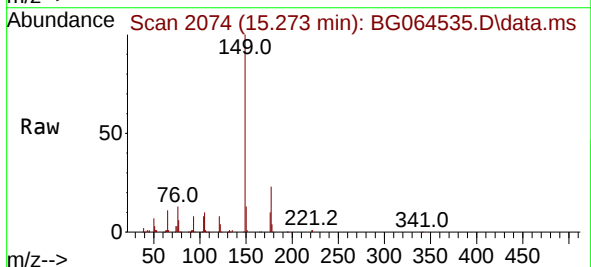
Instrument :
BNA_G
ClientSampleId :
SP6895

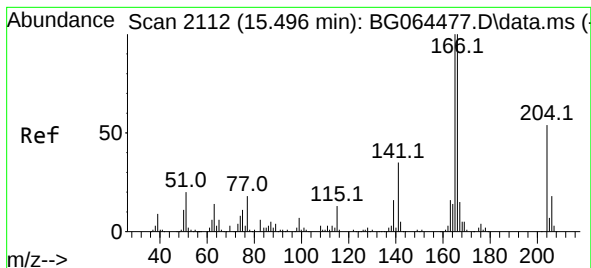
Tgt Ion:232 Resp: 54492
Ion Ratio Lower Upper
232 100
131 41.8 35.0 52.4
130 2.0 2.0 3.0#
166 28.1 23.8 35.6



#60
Diethylphthalate
Concen: 44.676 ng
RT: 15.273 min Scan# 2074
Delta R.T. 0.002 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

Tgt Ion:149 Resp: 171215
Ion Ratio Lower Upper
149 100
177 22.6 17.4 26.0
150 13.1 9.1 13.7

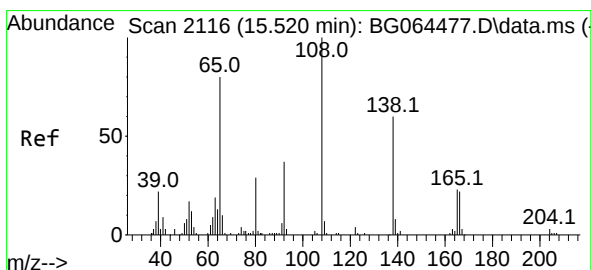
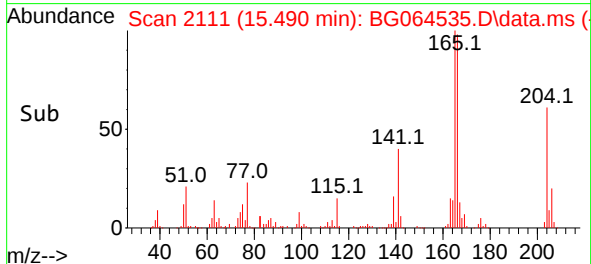
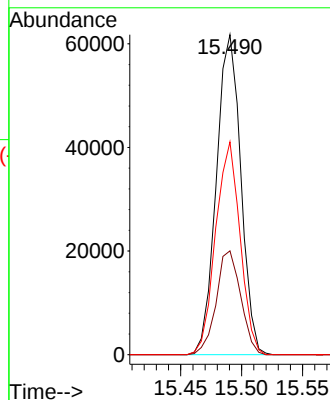
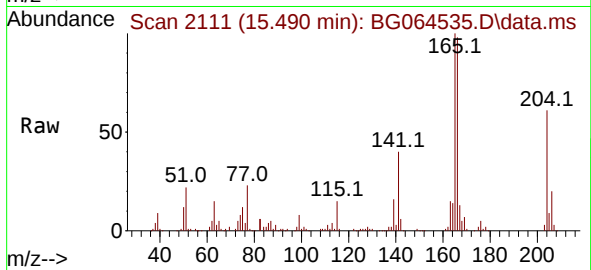




#61
4-Chlorophenyl-phenylether
Concen: 45.551 ng
RT: 15.490 min Scan# 2112
Delta R.T. 0.002 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

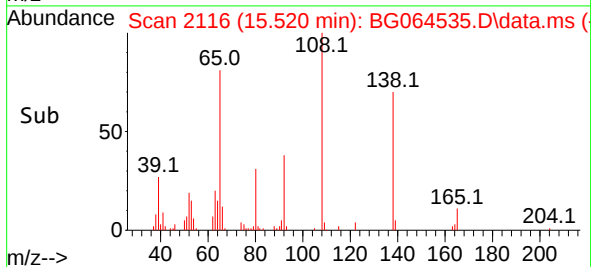
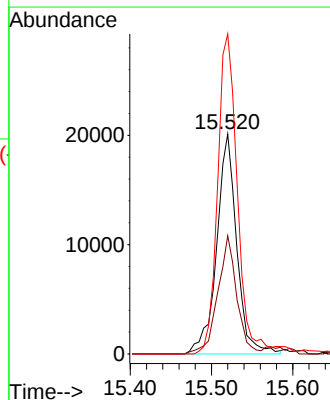
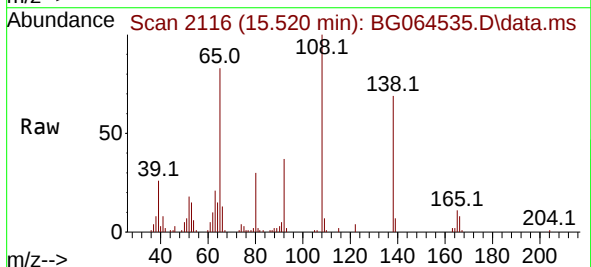
Instrument :
BNA_G
ClientSampleId :
SP6895

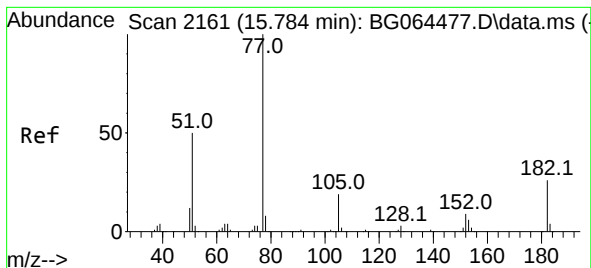
Tgt Ion:204 Resp: 86233
Ion Ratio Lower Upper
204 100
206 32.4 27.1 40.7
141 66.5 51.5 77.3



#62
4-Nitroaniline
Concen: 48.321 ng
RT: 15.520 min Scan# 2116
Delta R.T. 0.008 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

Tgt Ion:138 Resp: 34565
Ion Ratio Lower Upper
138 100
92 53.8 42.3 82.3
108 145.5 147.7 187.7#





#63

Azobenzene

Concen: 45.703 ng

RT: 15.778 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG064535.D

Acq: 17 Oct 2025 14:23

Instrument :

BNA_G

ClientSampleId :

SP6895

Tgt Ion: 77 Resp: 135647

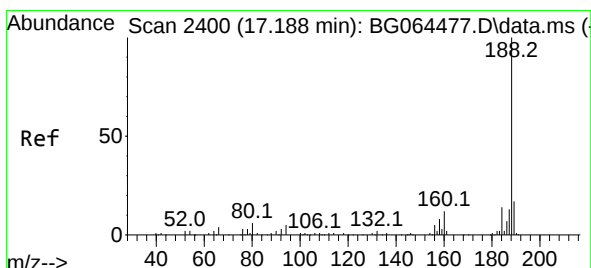
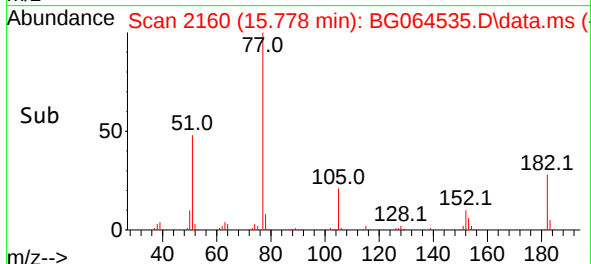
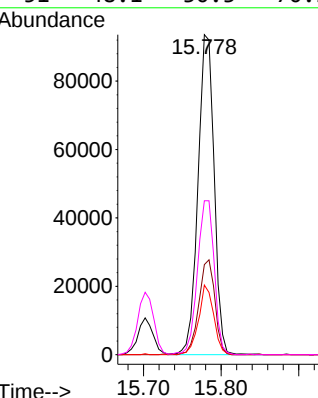
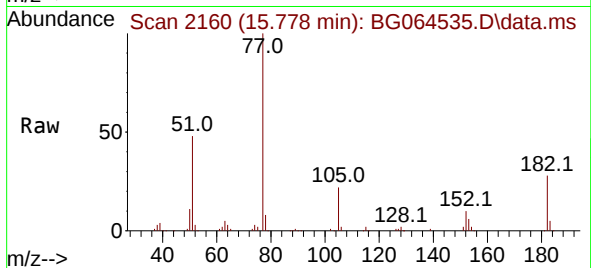
Ion Ratio Lower Upper

77 100

182 28.1 6.3 46.3

105 21.7 0.0 38.7

51 48.1 30.3 70.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.188 min Scan# 2400

Delta R.T. 0.003 min

Lab File: BG064535.D

Acq: 17 Oct 2025 14:23

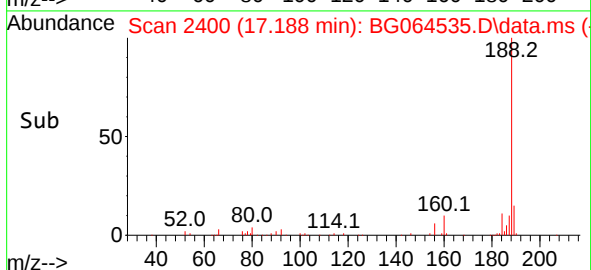
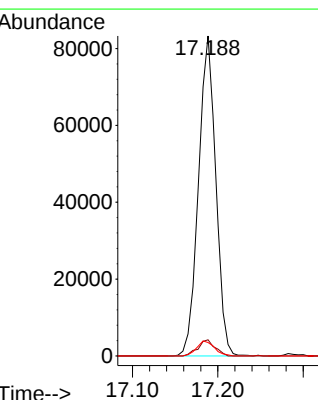
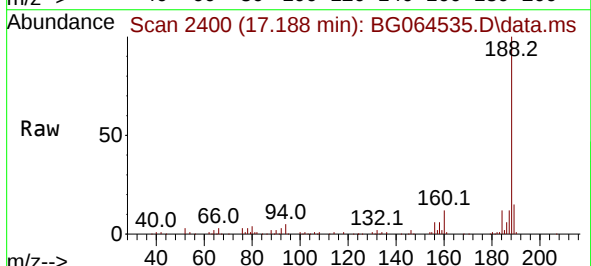
Tgt Ion:188 Resp: 117431

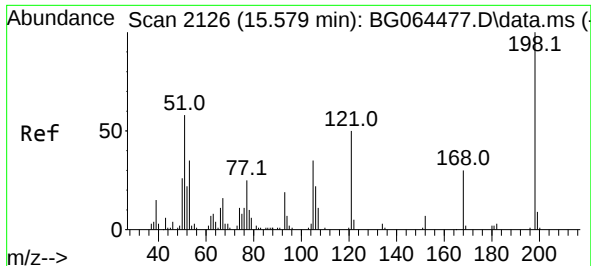
Ion Ratio Lower Upper

188 100

94 5.0 3.7 5.5

80 4.2 4.5 6.7#

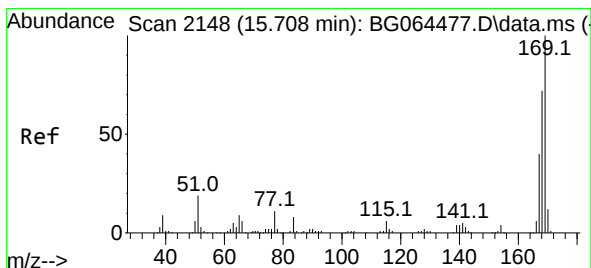
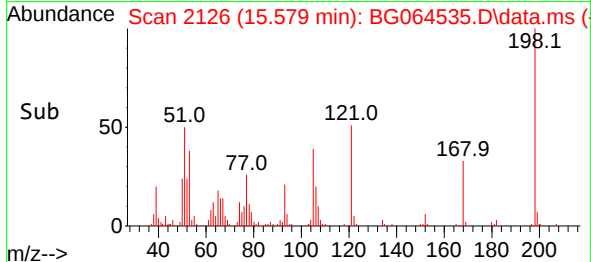
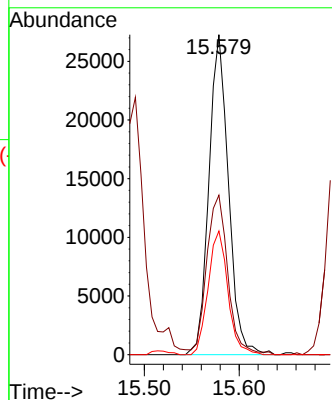
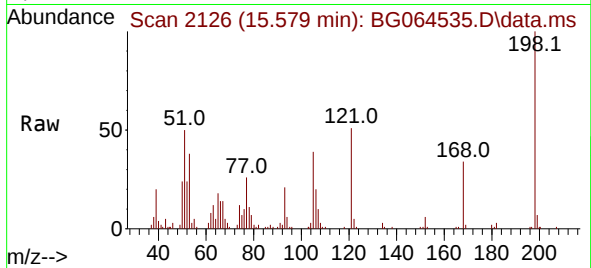




#65
4,6-Dinitro-2-methylphenol
Concen: 47.813 ng
RT: 15.579 min Scan# 2126
Delta R.T. 0.002 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

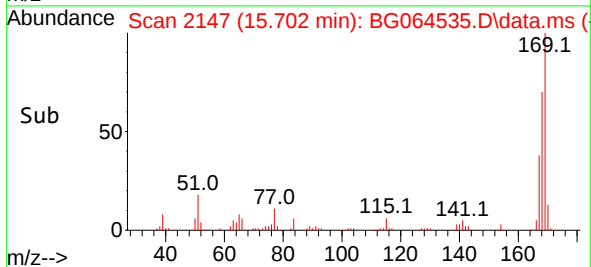
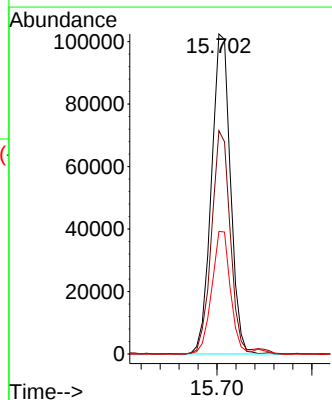
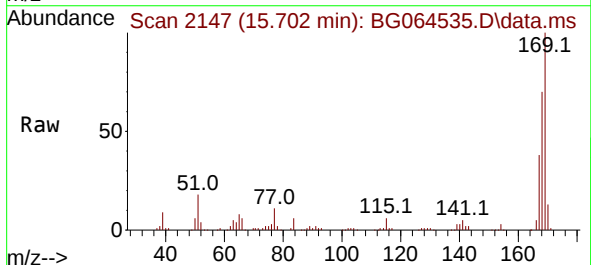
Instrument :
BNA_G
ClientSampleId :
SP6895

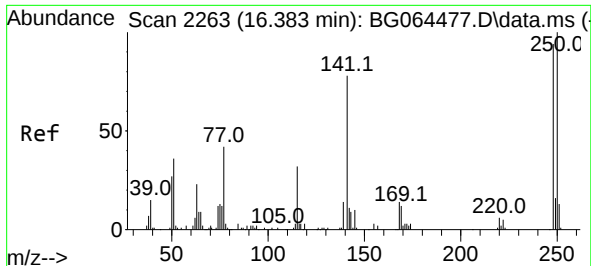
Tgt Ion:198	Resp:	39094
Ion Ratio	Lower	Upper
198	100	
51	49.8	39.0 79.0
105	38.7	15.8 55.8



#66
n-Nitrosodiphenylamine
Concen: 45.575 ng
RT: 15.702 min Scan# 2147
Delta R.T. -0.003 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

Tgt Ion:169	Resp:	142918
Ion Ratio	Lower	Upper
169	100	
168	69.7	57.8 86.6
167	38.3	31.7 47.5

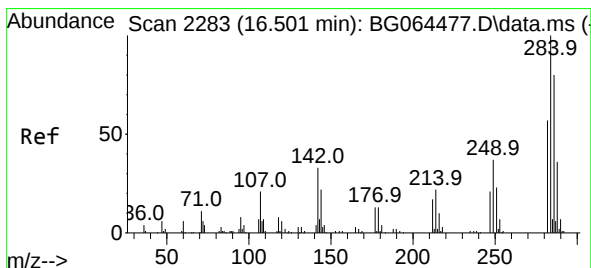
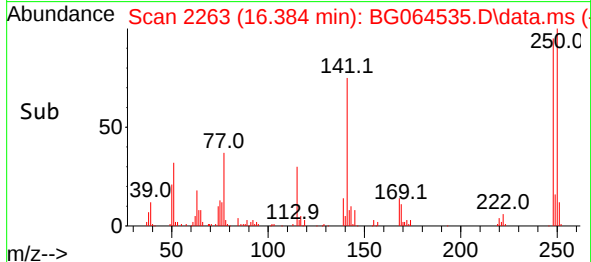
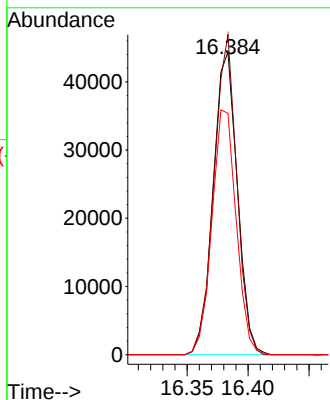
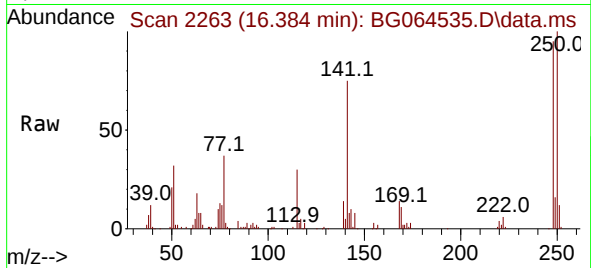




#67
4-Bromophenyl-phenylether
Concen: 44.276 ng
RT: 16.384 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

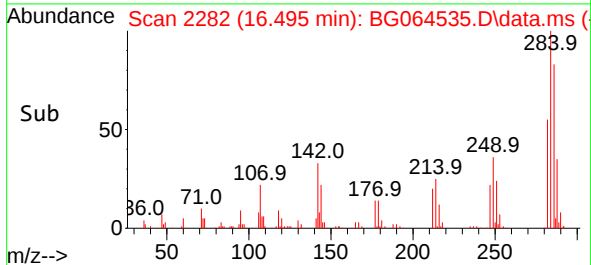
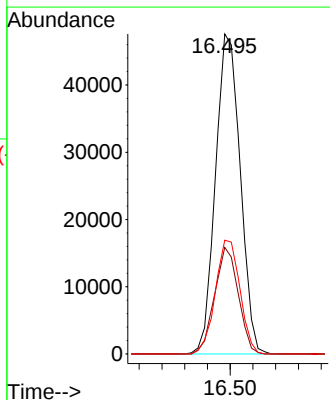
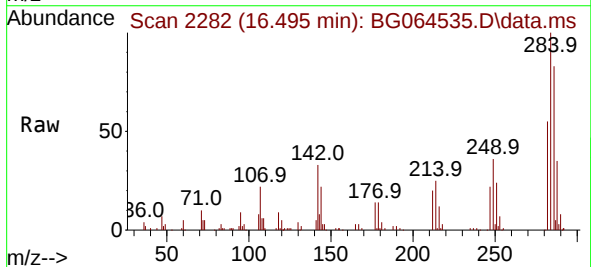
Instrument :
BNA_G
ClientSampleId :
SP6895

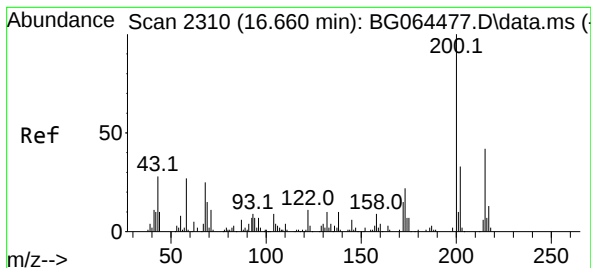
Tgt Ion:248 Resp: 61185
Ion Ratio Lower Upper
248 100
250 105.7 85.3 127.9
141 79.8 66.2 99.2



#68
Hexachlorobenzene
Concen: 45.442 ng
RT: 16.495 min Scan# 2282
Delta R.T. -0.003 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

Tgt Ion:284 Resp: 71857
Ion Ratio Lower Upper
284 100
142 33.3 26.2 39.2
249 35.5 29.4 44.0





#69

Atrazine

Concen: 49.041 ng

RT: 16.654 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG064535.D

Acq: 17 Oct 2025 14:23

Instrument :

BNA_G

ClientSampleId :

SP6895

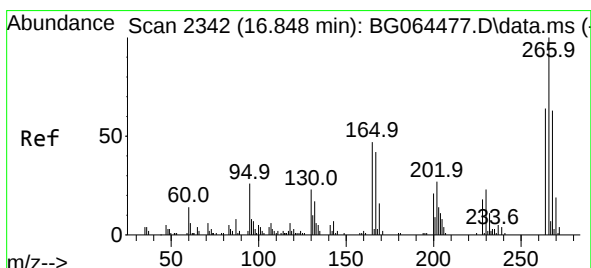
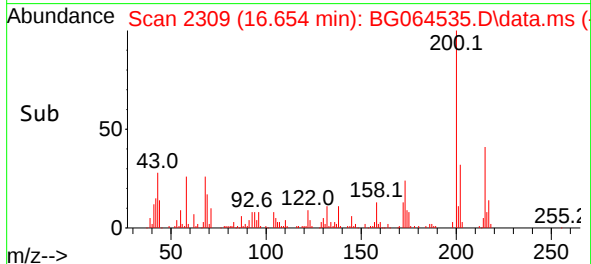
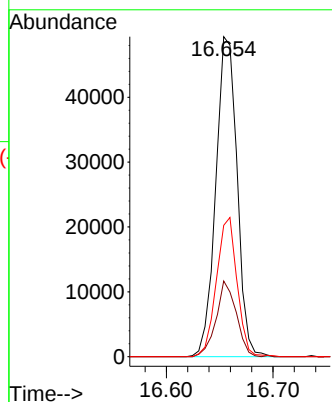
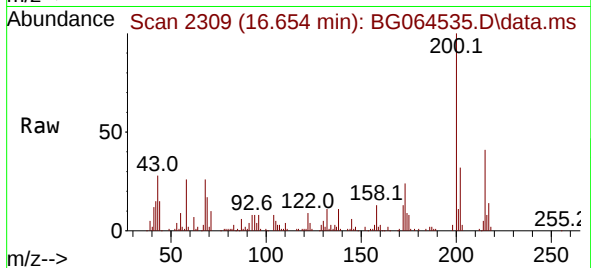
Tgt Ion:200 Resp: 68421

Ion Ratio Lower Upper

200 100

173 23.6 2.5 42.5

215 41.1 21.5 61.5



#70

Pentachlorophenol

Concen: 104.229 ng

RT: 16.848 min Scan# 2342

Delta R.T. 0.002 min

Lab File: BG064535.D

Acq: 17 Oct 2025 14:23

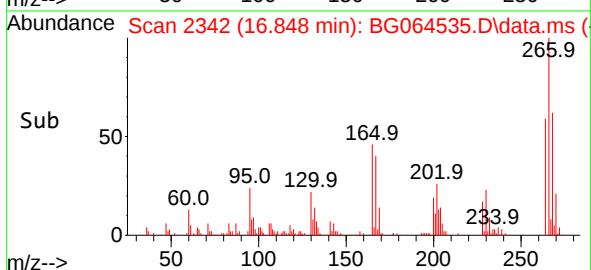
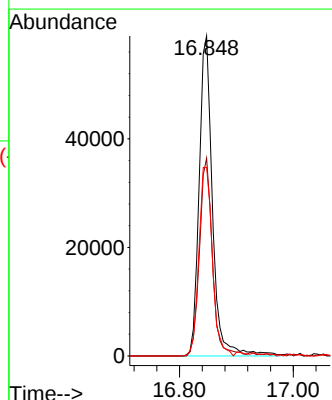
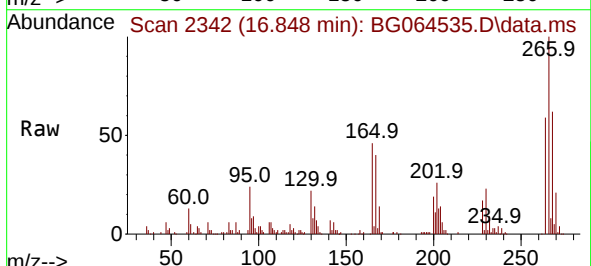
Tgt Ion:266 Resp: 96366

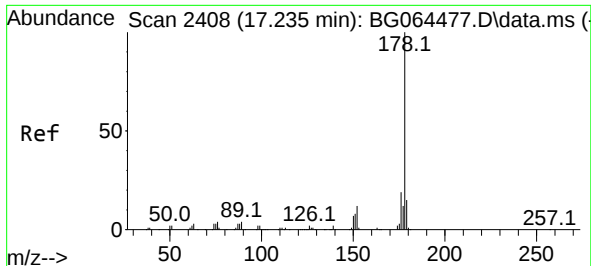
Ion Ratio Lower Upper

266 100

268 61.8 50.6 75.8

264 59.0 51.2 76.8

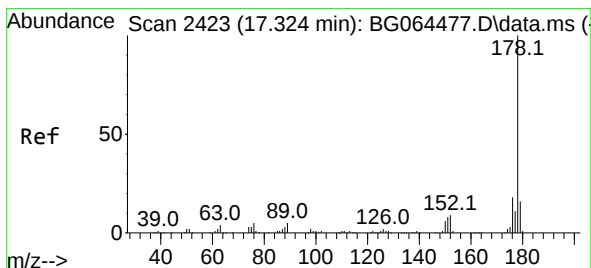
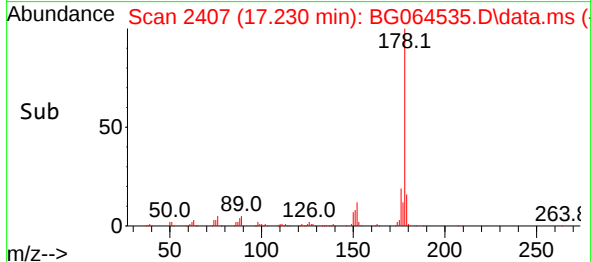
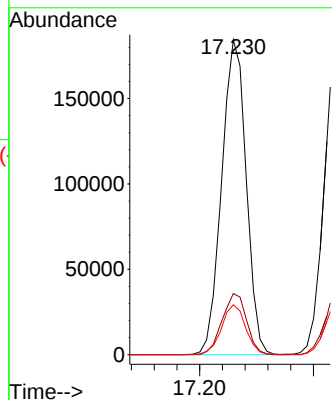
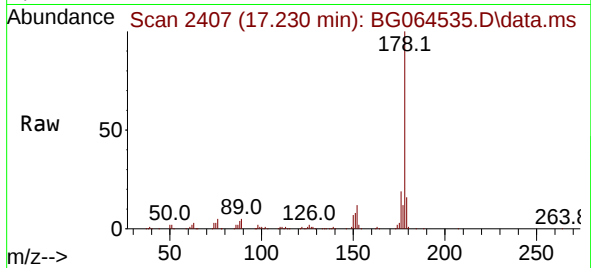




#71
Phenanthrene
Concen: 44.937 ng
RT: 17.230 min Scan# 2408
Delta R.T. 0.003 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

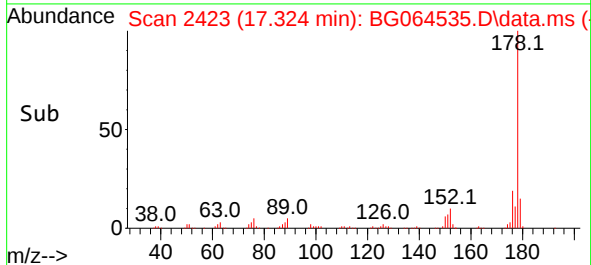
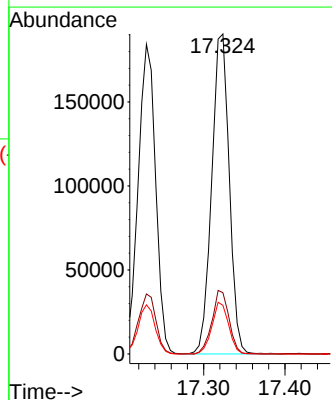
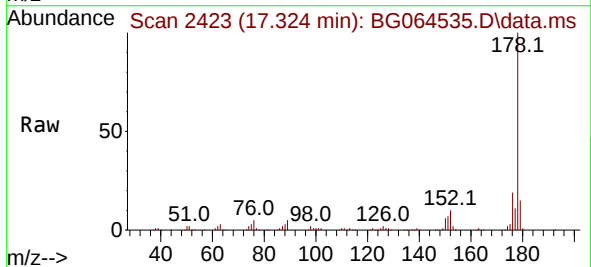
Instrument :
BNA_G
ClientSampleId :
SP6895

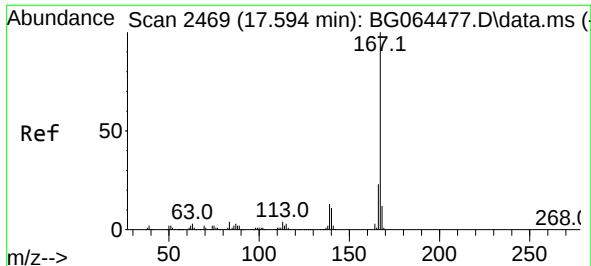
Tgt Ion:178 Resp: 275964
Ion Ratio Lower Upper
178 100
176 19.4 15.2 22.8
179 15.9 11.8 17.6



#72
Anthracene
Concen: 46.324 ng
RT: 17.324 min Scan# 2423
Delta R.T. 0.002 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

Tgt Ion:178 Resp: 285392
Ion Ratio Lower Upper
178 100
176 19.2 14.6 21.8
179 15.2 12.5 18.7

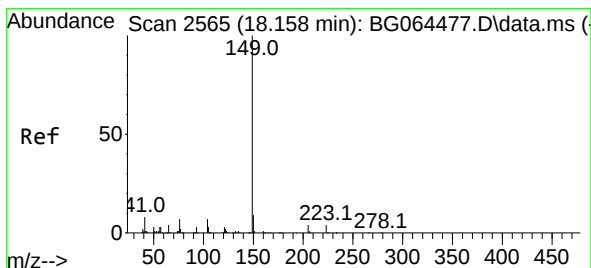
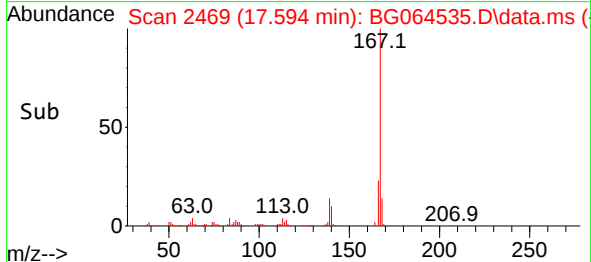
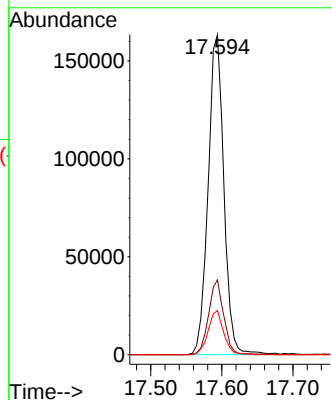
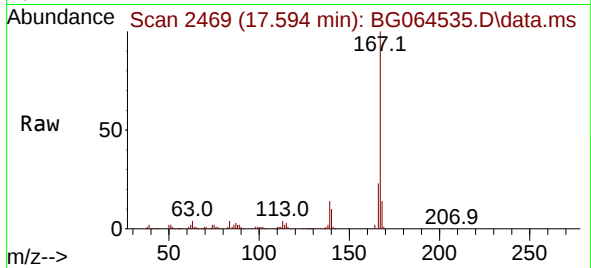




#73
 Carbazole
 Concen: 47.362 ng
 RT: 17.594 min Scan# 2469
 Delta R.T. 0.003 min
 Lab File: BG064535.D
 Acq: 17 Oct 2025 14:23

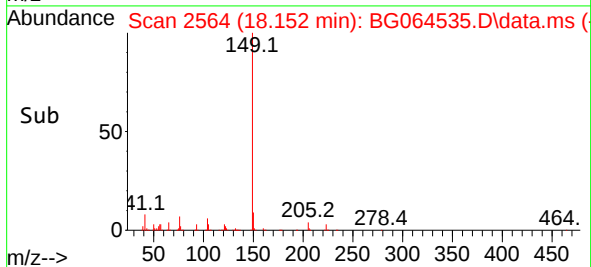
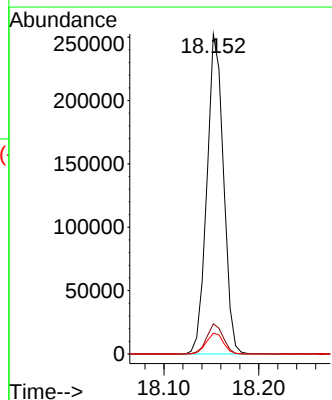
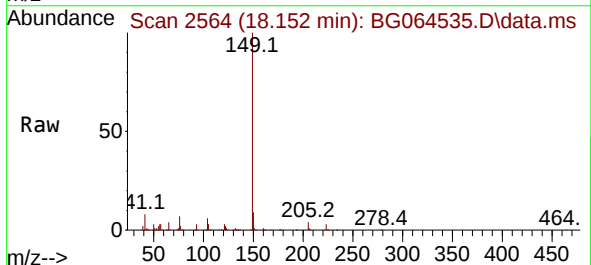
Instrument :
 BNA_G
 ClientSampleId :
 SP6895

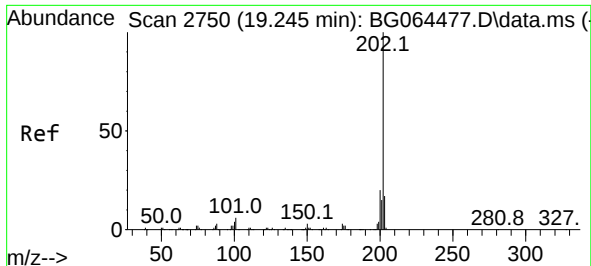
Tgt Ion:167 Resp: 252215
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.6 27.8
 139 13.8 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 47.095 ng
 RT: 18.152 min Scan# 2564
 Delta R.T. -0.003 min
 Lab File: BG064535.D
 Acq: 17 Oct 2025 14:23

Tgt Ion:149 Resp: 306154
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 6.5 5.3 7.9

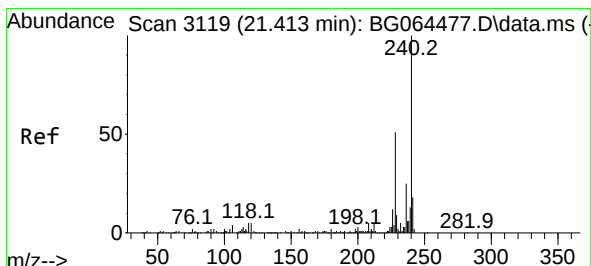
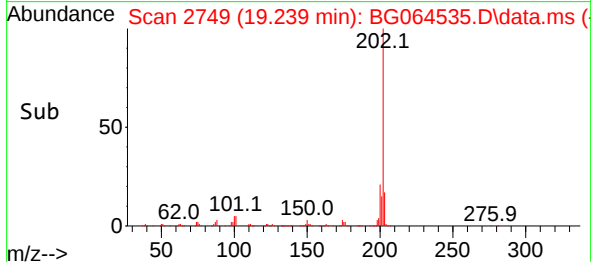
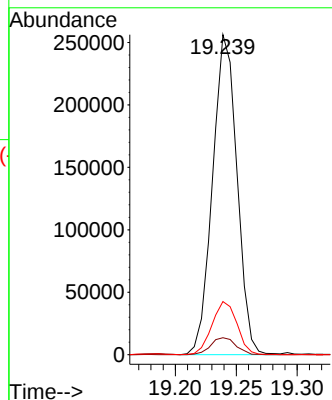
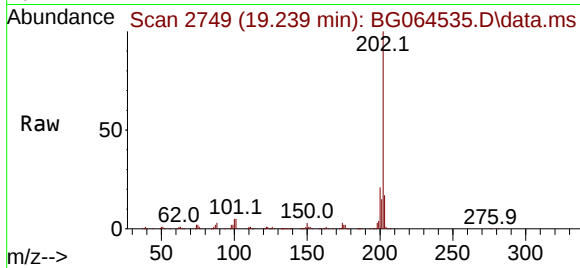




#75
Fluoranthene
Concen: 48.792 ng
RT: 19.239 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

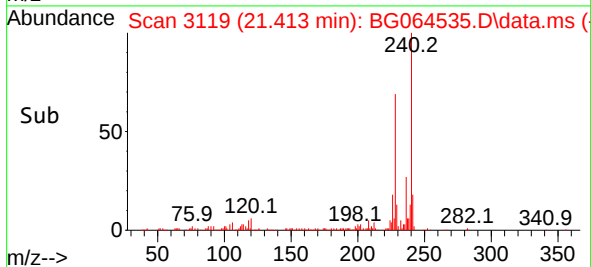
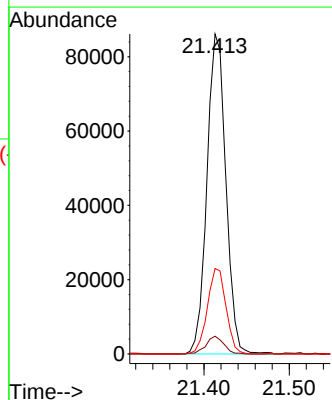
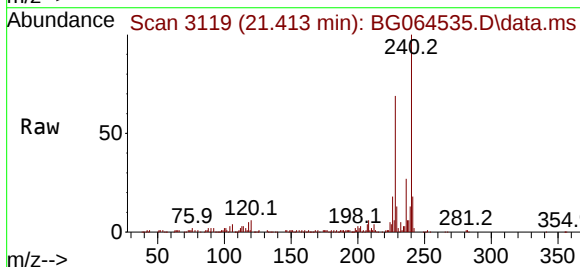
Instrument :
BNA_G
ClientSampleId :
SP6895

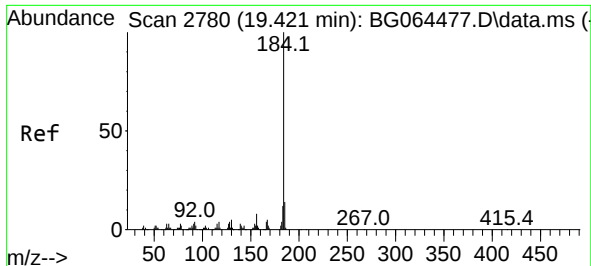
Tgt Ion:202 Resp: 357967
Ion Ratio Lower Upper
202 100
101 5.3 0.0 25.7
203 16.6 0.0 36.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.413 min Scan# 3119
Delta R.T. 0.003 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

Tgt Ion:240 Resp: 132579
Ion Ratio Lower Upper
240 100
120 5.6 4.3 6.5
236 26.7 20.4 30.6

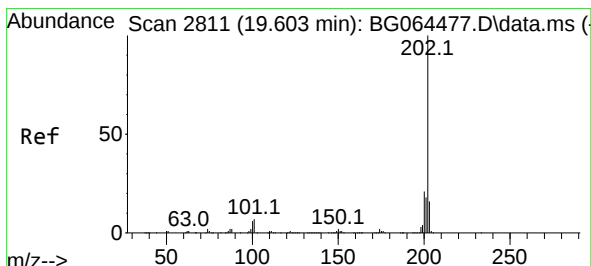
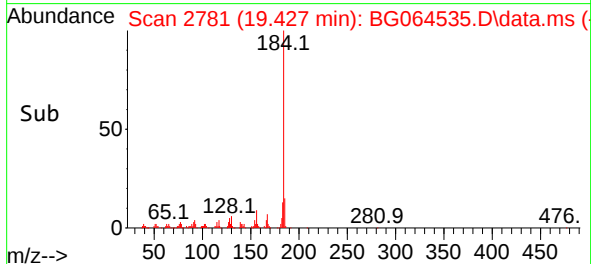
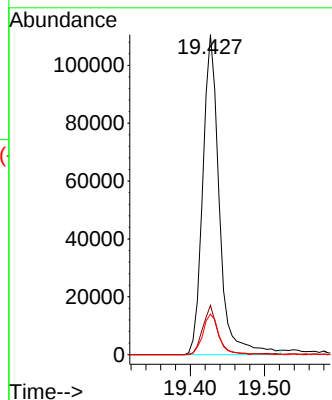
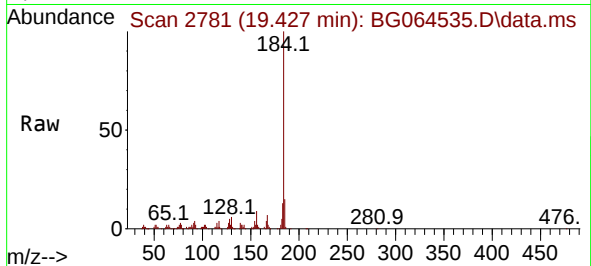




#77
Benzidine
Concen: 52.313 ng
RT: 19.427 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

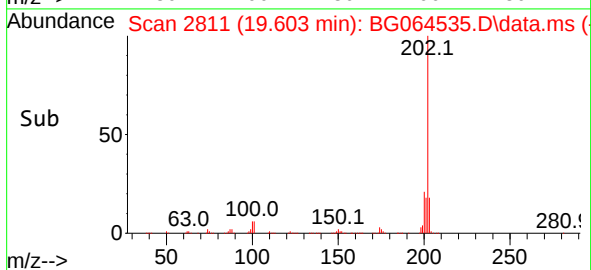
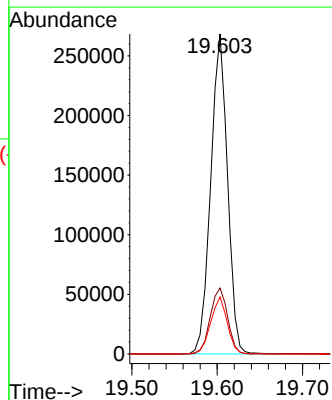
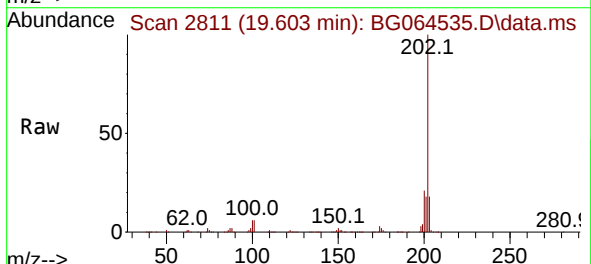
Instrument :
BNA_G
ClientSampleId :
SP6895

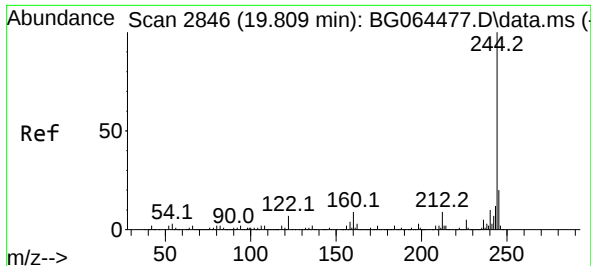
Tgt Ion:184 Resp: 172584
Ion Ratio Lower Upper
184 100
185 15.4 10.9 16.3
183 12.7 9.8 14.6



#78
Pyrene
Concen: 42.643 ng
RT: 19.603 min Scan# 2811
Delta R.T. 0.003 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

Tgt Ion:202 Resp: 366897
Ion Ratio Lower Upper
202 100
200 20.6 17.0 25.4
203 17.8 13.0 19.4

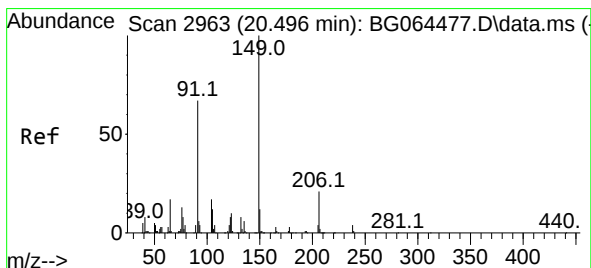
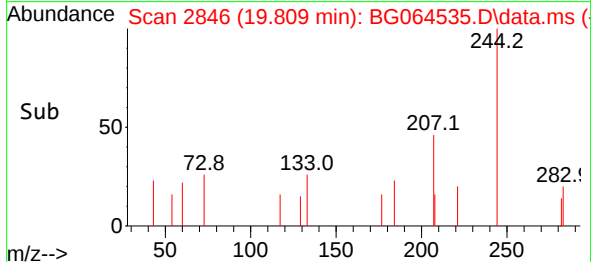
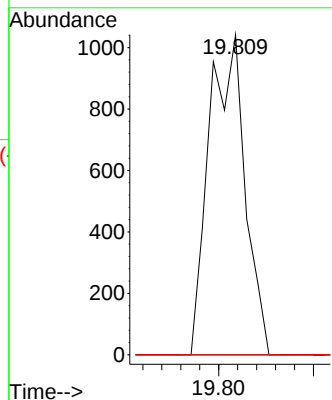
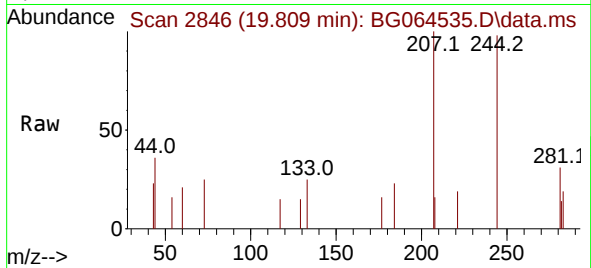




#79
 Terphenyl-d14
 Concen: 0.195 ng
 RT: 19.809 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG064535.D
 Acq: 17 Oct 2025 14:23

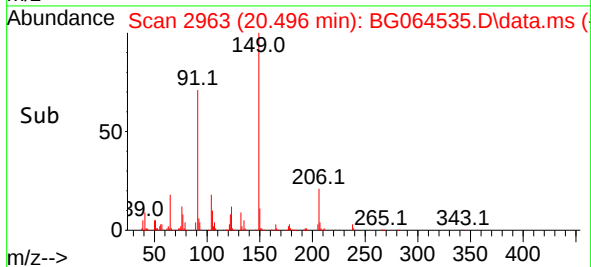
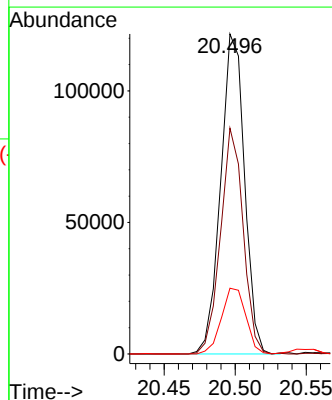
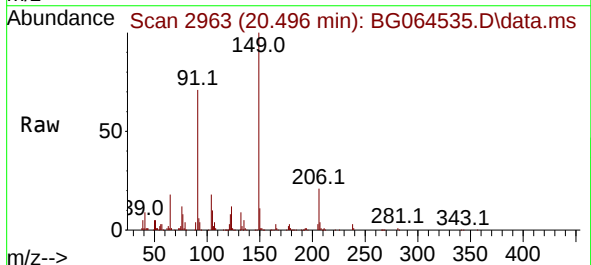
Instrument :
 BNA_G
 ClientSampleId :
 SP6895

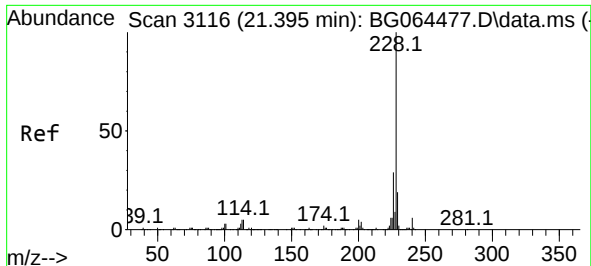
Tgt Ion:244 Resp: 1365
 Ion Ratio Lower Upper
 244 100
 212 0.0 7.0 10.6#
 122 0.0 5.6 8.4#



#80
 Butylbenzylphthalate
 Concen: 46.428 ng
 RT: 20.496 min Scan# 2963
 Delta R.T. -0.003 min
 Lab File: BG064535.D
 Acq: 17 Oct 2025 14:23

Tgt Ion:149 Resp: 141607
 Ion Ratio Lower Upper
 149 100
 91 70.5 53.7 80.5
 206 20.6 16.6 24.8

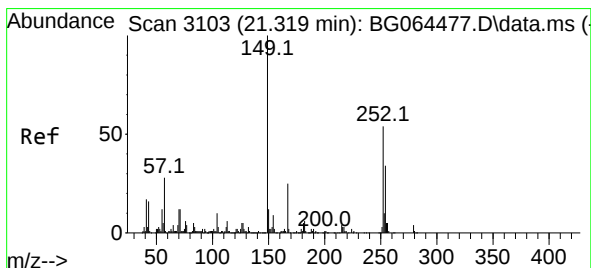
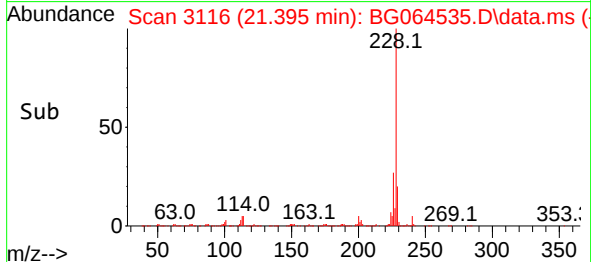
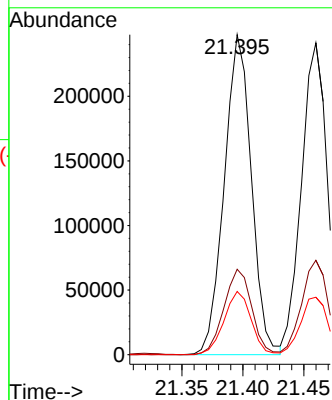
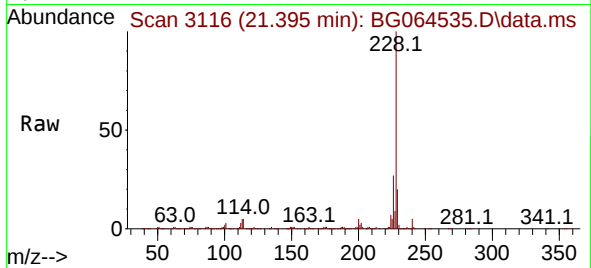




#81
Benzo(a)anthracene
Concen: 45.295 ng
RT: 21.395 min Scan# 3116
Delta R.T. 0.002 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

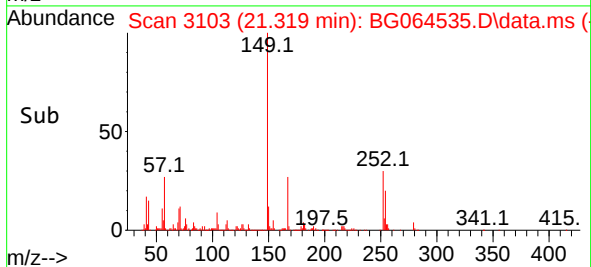
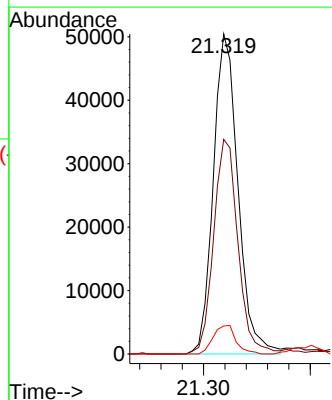
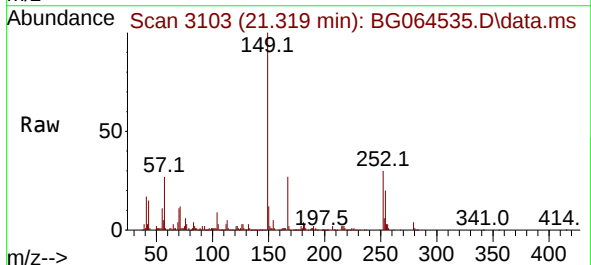
Instrument :
BNA_G
ClientSampleId :
SP6895

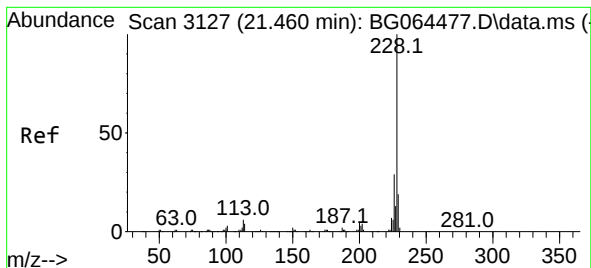
Tgt Ion:228 Resp: 383433
Ion Ratio Lower Upper
228 100
226 26.7 22.8 34.2
229 19.7 15.2 22.8



#82
3,3'-Dichlorobenzidine
Concen: 28.282 ng
RT: 21.319 min Scan# 3103
Delta R.T. 0.003 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

Tgt Ion:252 Resp: 81032
Ion Ratio Lower Upper
252 100
254 67.1 50.5 75.7
126 8.8 7.1 10.7





#83

Chrysene

Concen: 44.527 ng

RT: 21.460 min Scan# 3127

Delta R.T. 0.008 min

Lab File: BG064535.D

Acq: 17 Oct 2025 14:23

Instrument :

BNA_G

ClientSampleId :

SP6895

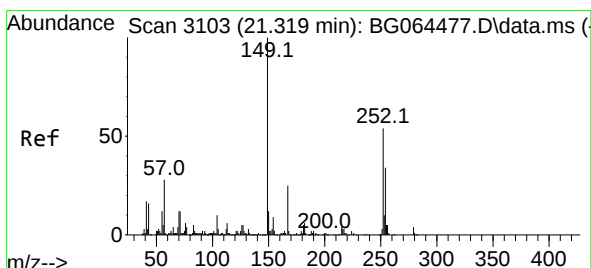
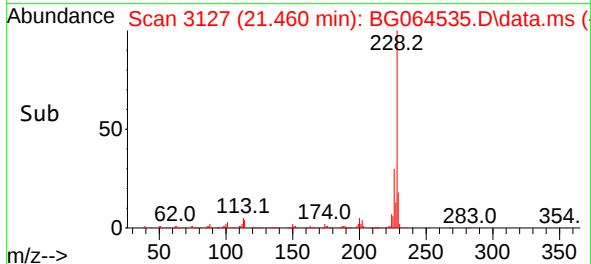
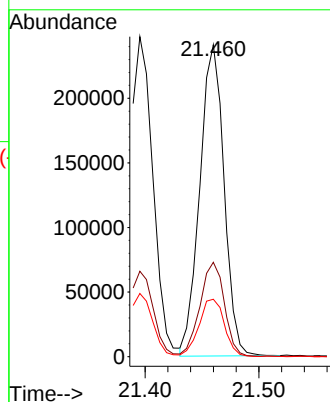
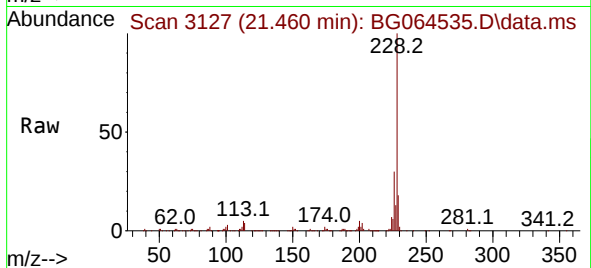
Tgt Ion:228 Resp: 357469

Ion Ratio Lower Upper

228 100

226 30.3 22.8 34.2

229 18.4 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.767 ng

RT: 21.319 min Scan# 3103

Delta R.T. 0.003 min

Lab File: BG064535.D

Acq: 17 Oct 2025 14:23

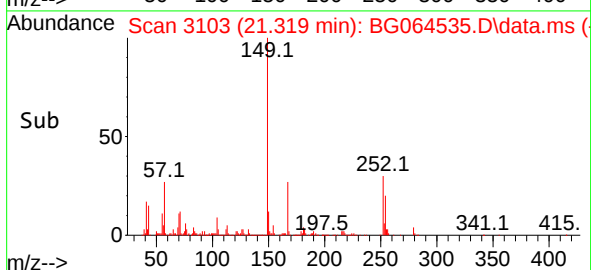
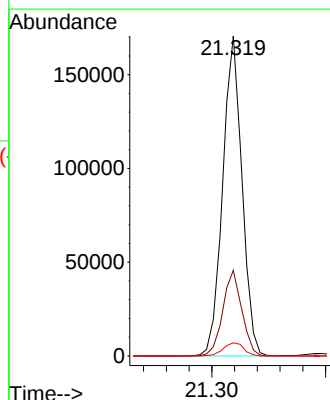
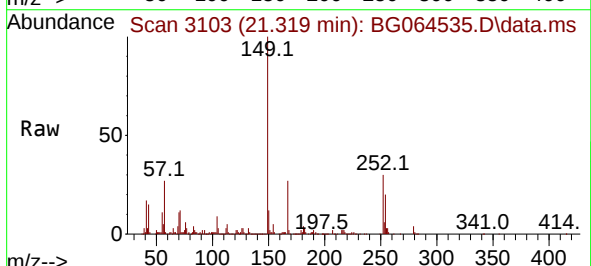
Tgt Ion:149 Resp: 201258

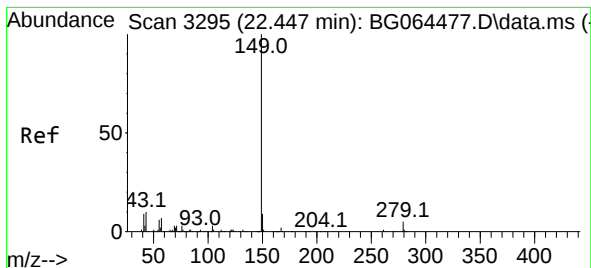
Ion Ratio Lower Upper

149 100

167 26.8 19.7 29.5

279 4.1 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 46.634 ng

RT: 22.441 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG064535.D

Acq: 17 Oct 2025 14:23

Instrument :

BNA_G

ClientSampleId :

SP6895

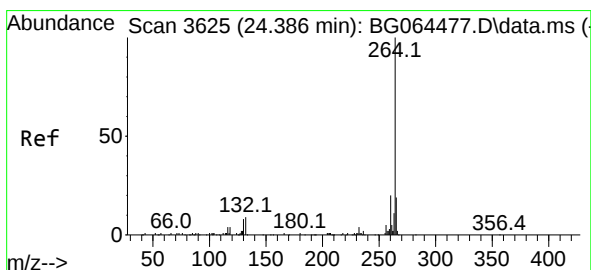
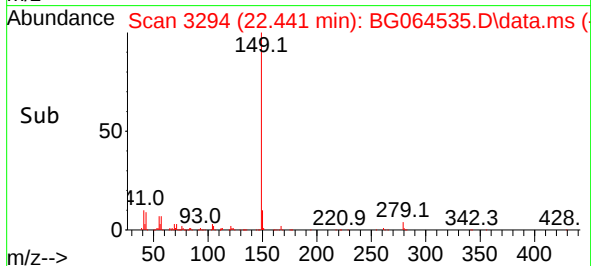
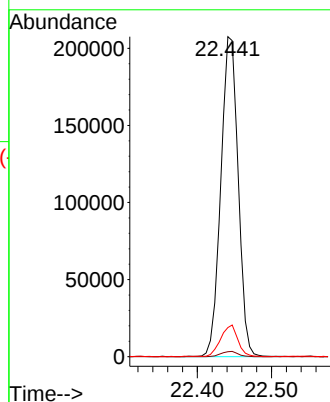
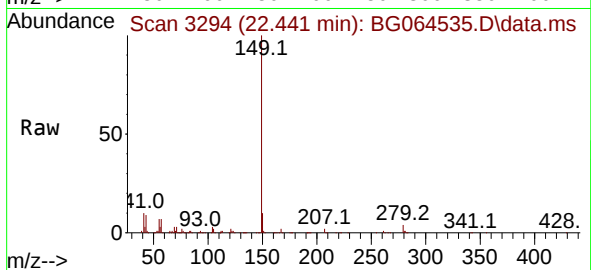
Tgt Ion:149 Resp: 337286

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 9.9 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.392 min Scan# 3626

Delta R.T. 0.003 min

Lab File: BG064535.D

Acq: 17 Oct 2025 14:23

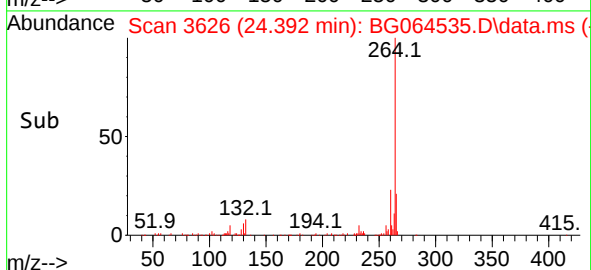
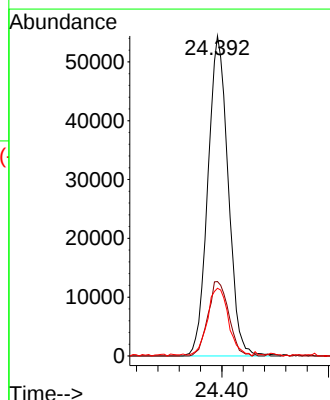
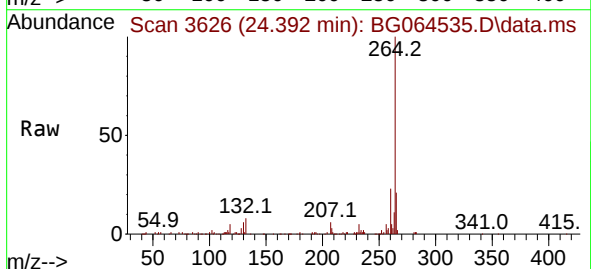
Tgt Ion:264 Resp: 143588

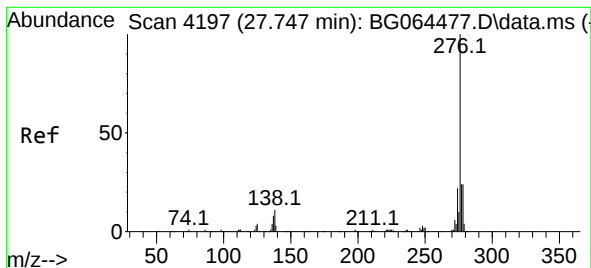
Ion Ratio Lower Upper

264 100

260 23.3 16.2 24.4

265 21.1 15.0 22.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.948 ng

RT: 27.764 min Scan# 4197

Delta R.T. 0.032 min

Lab File: BG064535.D

Acq: 17 Oct 2025 14:23

Instrument :

BNA_G

ClientSampleId :

SP6895

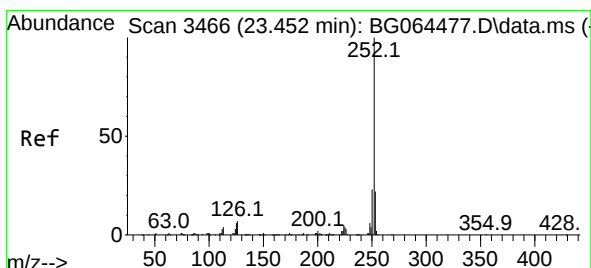
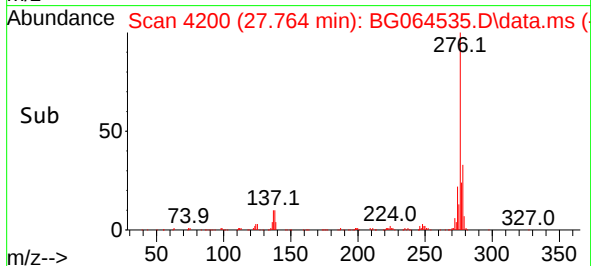
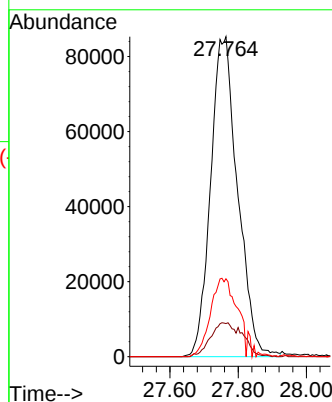
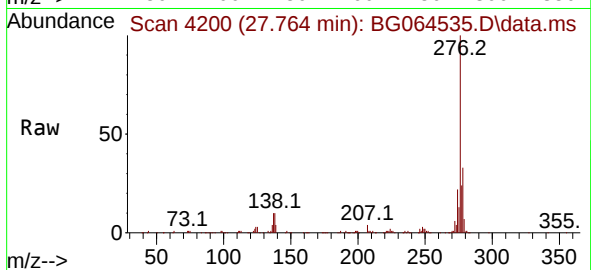
Tgt Ion:276 Resp: 469228

Ion Ratio Lower Upper

276 100

138 9.2 10.8 16.2#

277 23.7 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 46.745 ng

RT: 23.458 min Scan# 3467

Delta R.T. 0.008 min

Lab File: BG064535.D

Acq: 17 Oct 2025 14:23

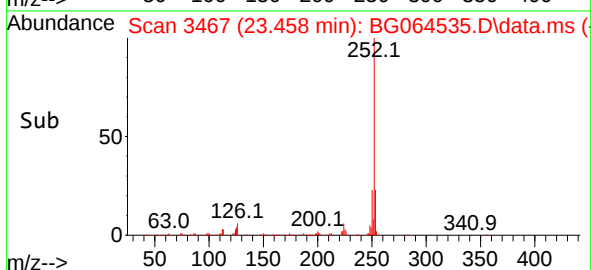
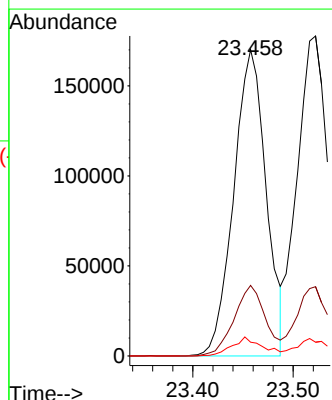
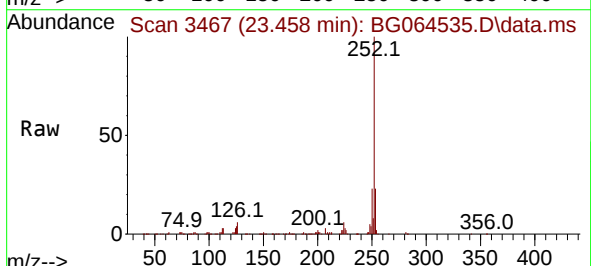
Tgt Ion:252 Resp: 381847

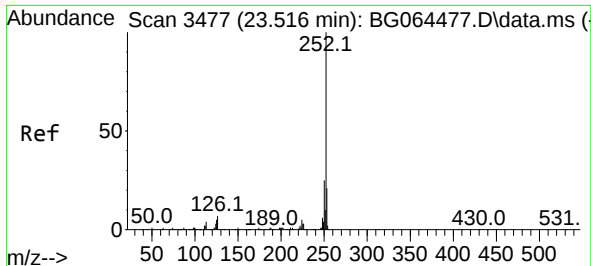
Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

125 4.5 4.5 6.7

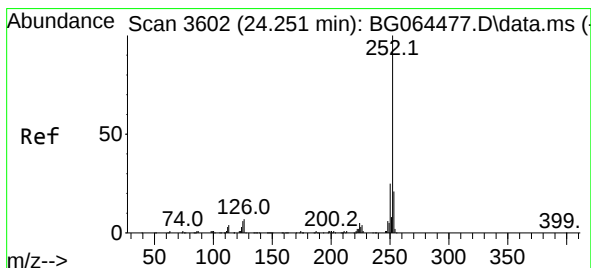
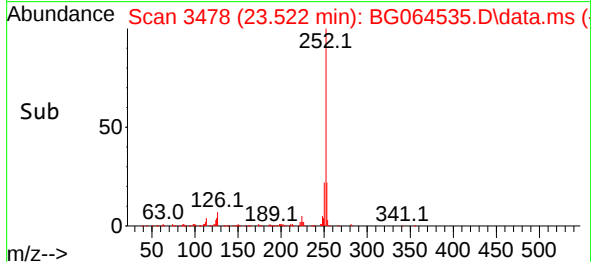
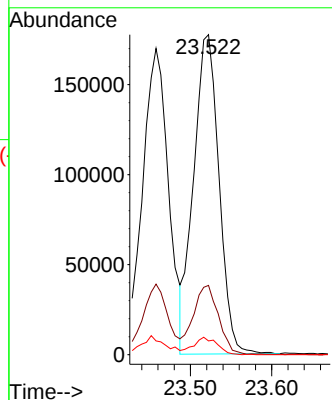
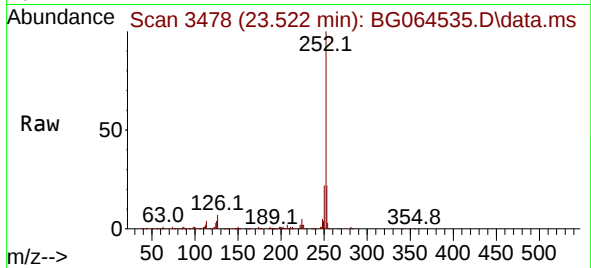




#89
Benzo(k)fluoranthene
Concen: 46.842 ng
RT: 23.522 min Scan# 3477
Delta R.T. 0.014 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

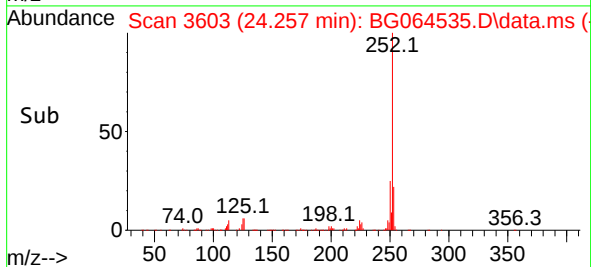
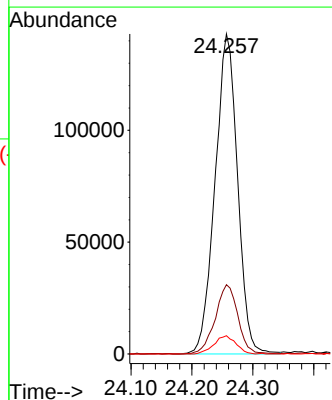
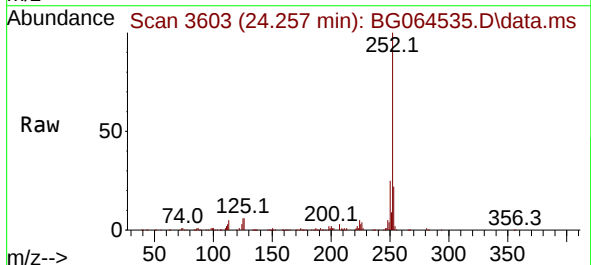
Instrument :
BNA_G
ClientSampleId :
SP6895

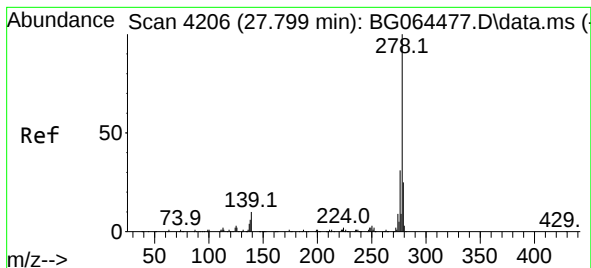
Tgt Ion:252 Resp: 385380
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 4.3 4.0 6.0



#90
Benzo(a)pyrene
Concen: 48.740 ng
RT: 24.257 min Scan# 3603
Delta R.T. 0.008 min
Lab File: BG064535.D
Acq: 17 Oct 2025 14:23

Tgt Ion:252 Resp: 366945
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 5.7 4.6 6.8





#91

Dibenzo(a,h)anthracene

Concen: 47.222 ng

RT: 27.805 min Scan# 4377

Delta R.T. 0.026 min

Lab File: BG064535.D

Acq: 17 Oct 2025 14:23

Instrument :

BNA_G

ClientSampleId :

SP6895

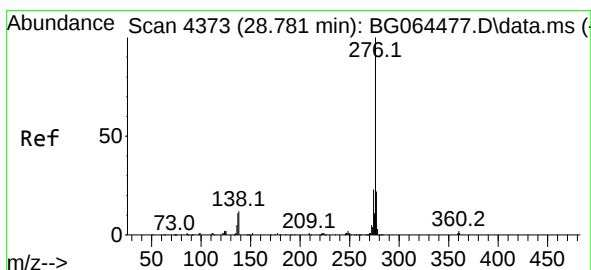
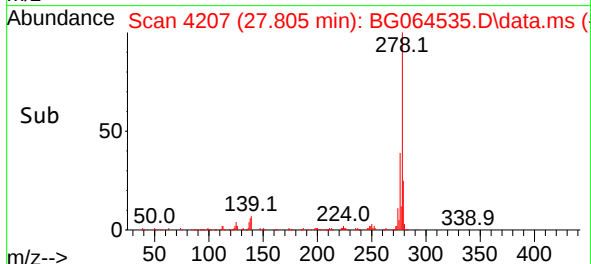
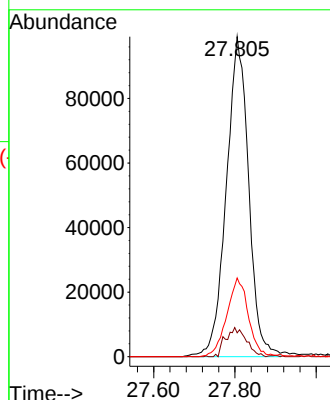
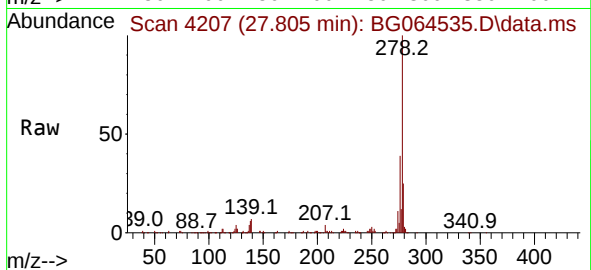
Tgt Ion:278 Resp: 377441

Ion Ratio Lower Upper

278 100

139 7.5 8.2 12.2#

279 24.6 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 47.956 ng

RT: 28.804 min Scan# 4377

Delta R.T. 0.038 min

Lab File: BG064535.D

Acq: 17 Oct 2025 14:23

Tgt Ion:276 Resp: 372490

Ion Ratio Lower Upper

276 100

277 24.8 17.8 26.6

138 10.8 9.4 14.0

