

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
 Data File : BG064489.D
 Acq On : 3 Oct 2025 16:16
 Operator : RC/JU
 Sample : PB169973BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169973BS

Quant Time: Oct 03 17:29:58 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	7.823	152	16264	20.000	ng	# 0.00
21) Naphthalene-d8	10.608	136	69209	20.000	ng	# 0.00
39) Acenaphthene-d10	14.450	164	53762	20.000	ng	0.00
64) Phenanthrene-d10	17.188	188	136086	20.000	ng	0.00
76) Chrysene-d12	21.413	240	136322	20.000	ng	0.00
86) Perylene-d12	24.391	264	146226	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	138141	157.191	ng	0.00
7) Phenol-d6	7.000	99	180394	152.750	ng	0.01
23) Nitrobenzene-d5	8.980	82	121407	94.324	ng	0.01
42) 2,4,6-Tribromophenol	15.943	330	145062	148.856	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	334812	91.796	ng	0.00
79) Terphenyl-d14	19.809	244	701104	97.331	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.316	88	13173	37.896	ng	93
3) Pyridine	3.710	79	35965	38.498	ng	96
4) n-Nitrosodimethylamine	3.628	42	35975	53.120	ng	# 94
6) Aniline	7.153	93	54677	36.704	ng	95
8) 2-Chlorophenol	7.394	128	55732	51.645	ng	95
9) Benzaldehyde	6.959	77	27733	26.454	ng	97
10) Phenol	7.024	94	66374	53.277	ng	94
11) bis(2-Chloroethyl)ether	7.247	93	41708	49.435	ng	93
12) 1,3-Dichlorobenzene	7.711	146	59993	50.820	ng	93
13) 1,4-Dichlorobenzene	7.858	146	60392	50.973	ng	94
14) 1,2-Dichlorobenzene	8.175	146	60785	52.056	ng	99
15) Benzyl Alcohol	8.064	79	58102	53.422	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.346	45	67381	49.546	ng	97
17) 2-Methylphenol	8.269	107	47294	52.425	ng	98
18) Hexachloroethane	8.904	117	23005	49.193	ng	93
19) n-Nitroso-di-n-propyla...	8.628	70	40266	50.981	ng	# 93
20) 3+4-Methylphenols	8.592	107	67040	53.253	ng	93
22) Acetophenone	8.645	105	95591	57.044	ng	# 98
24) Nitrobenzene	9.021	77	65082	50.705	ng	99
25) Isophorone	9.544	82	112788	48.371	ng	99
26) 2-Nitrophenol	9.726	139	31396	49.147	ng	93
27) 2,4-Dimethylphenol	9.791	122	56577	57.985	ng	89
28) bis(2-Chloroethoxy)met...	10.026	93	59992	50.474	ng	95
29) 2,4-Dichlorophenol	10.261	162	63008	55.844	ng	91
30) 1,2,4-Trichlorobenzene	10.478	180	65847	53.523	ng	# 94
31) Naphthalene	10.661	128	180768	50.722	ng	98
32) Benzoic acid	9.967	122	40718	54.355	ng	98
33) 4-Chloroaniline	10.772	127	25770	18.843	ng	# 91
34) Hexachlorobutadiene	10.954	225	51772	49.138	ng	97
35) Caprolactam	11.542	113	10651	27.575	ng	92
36) 4-Chloro-3-methylphenol	11.900	107	73890	53.851	ng	100
37) 2-Methylnaphthalene	12.270	142	126325	46.176	ng	98
38) 1-Methylnaphthalene	12.494	142	131440	48.184	ng	95
40) 1,2,4,5-Tetrachloroben...	12.641	216	94170	54.249	ng	# 96
41) Hexachlorocyclopentadiene	12.623	237	132704	146.146	ng	94
43) 2,4,6-Trichlorophenol	12.881	196	59397	53.526	ng	96

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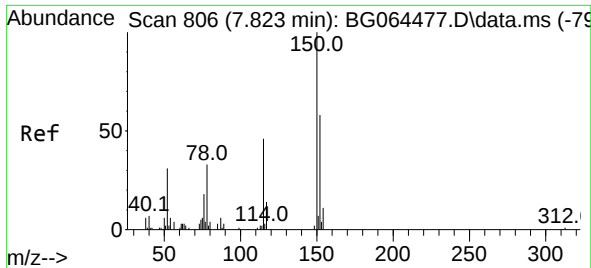
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.952	196	67385	54.393	ng	96
46) 1,1'-Biphenyl	13.287	154	218091	56.402	ng	98
47) 2-Chloronaphthalene	13.322	162	144673	50.112	ng	98
48) 2-Nitroaniline	13.528	65	52229	53.007	ng	91
49) Acenaphthylene	14.174	152	248338	57.947	ng	99
50) Dimethylphthalate	13.910	163	219320	52.087	ng	98
51) 2,6-Dinitrotoluene	14.027	165	46526	53.043	ng	93
52) Acenaphthene	14.515	154	148370	49.831	ng	98
53) 3-Nitroaniline	14.356	138	24285	30.021	ng #	90
54) 2,4-Dinitrophenol	14.568	184	60734	95.491	ng #	84
55) Dibenzofuran	14.850	168	252708	51.403	ng	99
56) 4-Nitrophenol	14.679	139	70603	110.857	ng	86
57) 2,4-Dinitrotoluene	14.814	165	70046	52.240	ng #	91
58) Fluorene	15.496	166	212852	52.080	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.997	232	70013	55.375	ng	93
60) Diethylphthalate	15.279	149	233804	51.761	ng	99
61) 4-Chlorophenyl-phenyle...	15.496	204	112399	50.374	ng	98
62) 4-Nitroaniline	15.525	138	45131	53.529	ng	92
63) Azobenzene	15.784	77	183158	52.357	ng	98
65) 4,6-Dinitro-2-methylph...	15.578	198	48834	51.538	ng	96
66) n-Nitrosodiphenylamine	15.708	169	190210	52.341	ng	96
67) 4-Bromophenyl-phenylether	16.383	248	81751	51.049	ng	92
68) Hexachlorobenzene	16.501	284	93070	50.789	ng	98
69) Atrazine	16.659	200	88975	55.031	ng	99
70) Pentachlorophenol	16.847	266	114041	106.438	ng	98
71) Phenanthrene	17.235	178	367467	51.635	ng	99
72) Anthracene	17.323	178	378287	52.985	ng	99
73) Carbazole	17.594	167	328133	53.172	ng	98
74) Di-n-butylphthalate	18.158	149	396056	52.573	ng	99
75) Fluoranthene	19.245	202	442925	52.097	ng	98
77) Benzidine	19.427	184	112790	33.250	ng	97
78) Pyrene	19.603	202	457350	51.696	ng	98
80) Butylbenzylphthalate	20.502	149	165515	52.777	ng	97
81) Benzo(a)anthracene	21.395	228	448603	51.538	ng	98
82) 3,3'-Dichlorobenzidine	21.319	252	90148	30.600	ng	98
83) Chrysene	21.460	228	423453	51.298	ng	97
84) Bis(2-ethylhexyl)phtha...	21.319	149	233098	52.679	ng	99
85) Di-n-octyl phthalate	22.441	149	386957	52.033	ng	99
87) Indeno(1,2,3-cd)pyrene	27.746	276	548210	53.861	ng	98
88) Benzo(b)fluoranthene	23.451	252	450951	54.209	ng	98
89) Benzo(k)fluoranthene	23.516	252	433743	51.769	ng	97
90) Benzo(a)pyrene	24.256	252	420603	54.860	ng	99
91) Dibenzo(a,h)anthracene	27.799	278	449110	55.175	ng	97
92) Benzo(g,h,i)perylene	28.792	276	433026	54.744	ng	97

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

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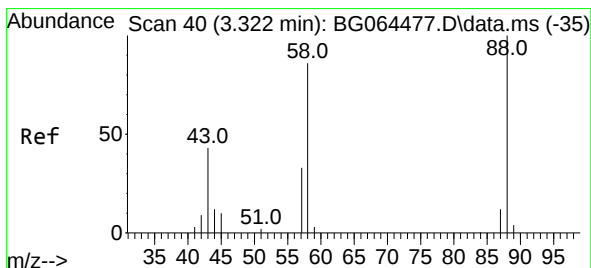
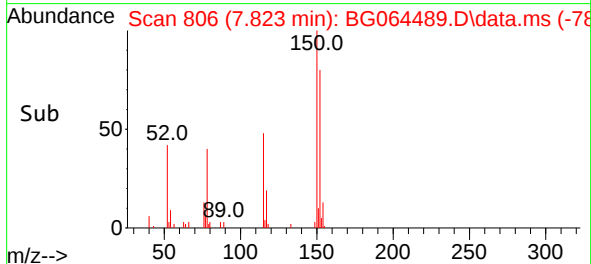
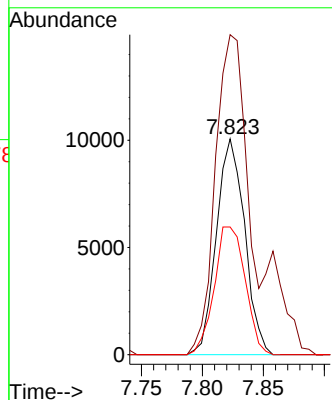
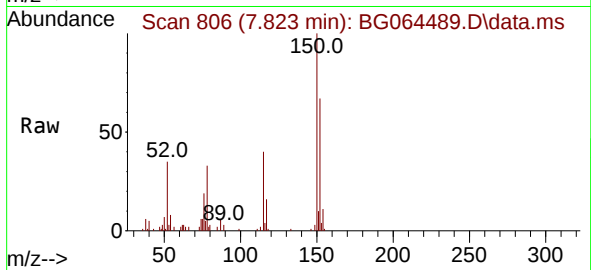




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.823 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: BG064489.D
 Acq: 3 Oct 2025 16:16

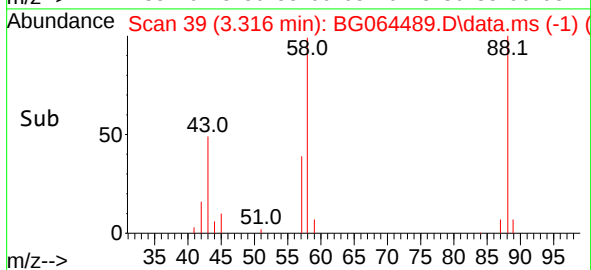
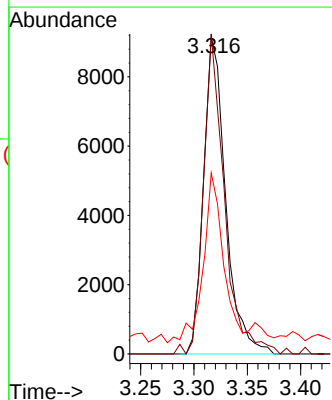
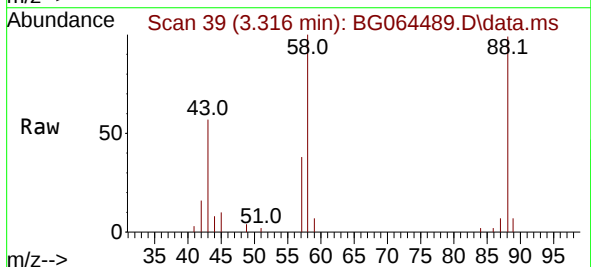
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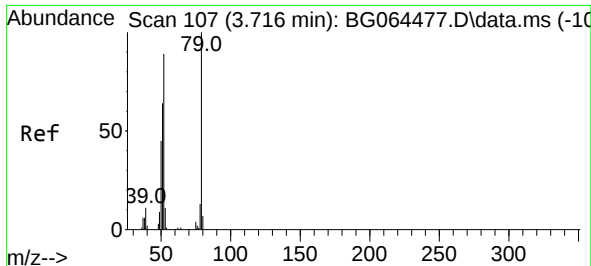
Tgt Ion:152 Resp: 16264
 Ion Ratio Lower Upper
 152 100
 150 148.3 138.6 207.8
 115 59.2 63.4 95.2#



#2
 1,4-Dioxane
 Concen: 37.896 ng
 RT: 3.316 min Scan# 39
 Delta R.T. -0.004 min
 Lab File: BG064489.D
 Acq: 3 Oct 2025 16:16

Tgt Ion: 88 Resp: 13173
 Ion Ratio Lower Upper
 88 100
 58 96.3 69.8 104.6
 43 48.7 37.4 56.0

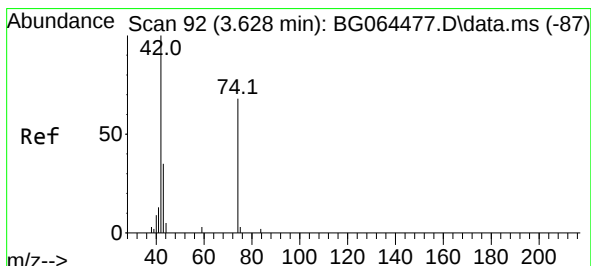
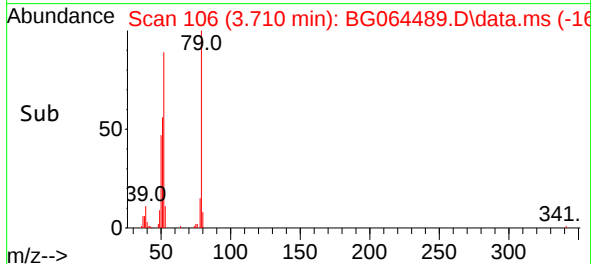
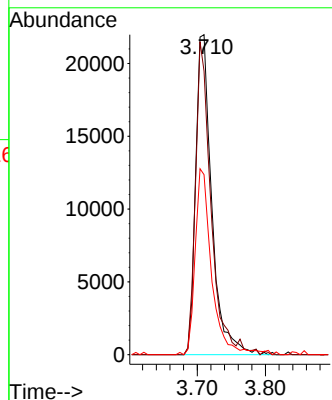
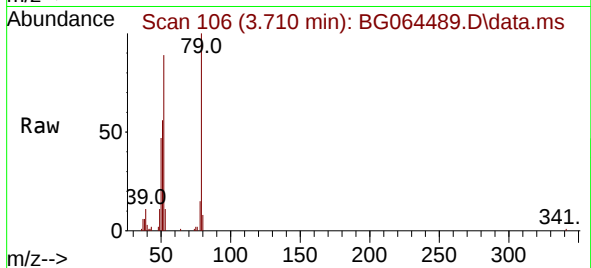




#3
Pyridine
Concen: 38.498 ng
RT: 3.710 min Scan# 107
Delta R.T. -0.004 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

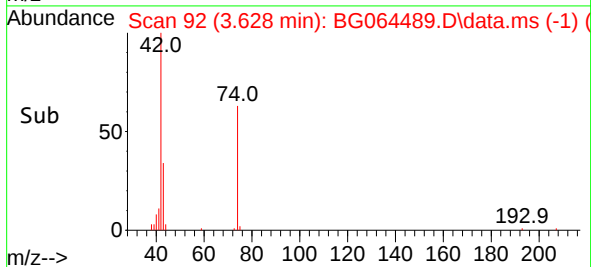
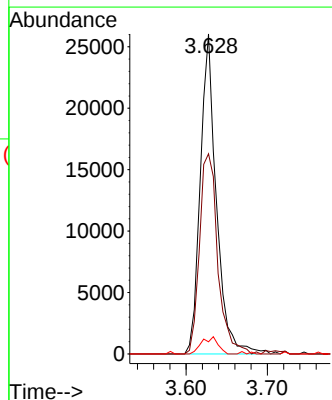
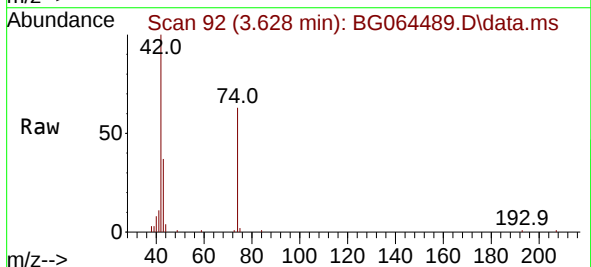
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ClientSampleId :
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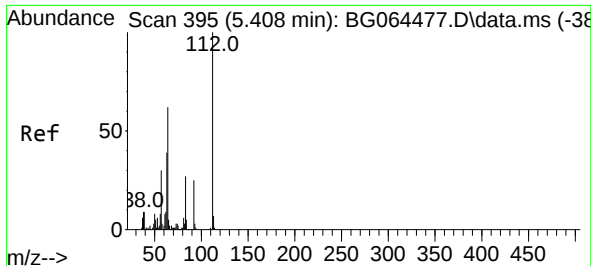
Tgt Ion: 79 Resp: 35965
Ion Ratio Lower Upper
79 100
52 88.6 71.0 106.4
51 56.3 51.0 76.6



#4
n-Nitrosodimethylamine
Concen: 53.120 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.002 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

Tgt Ion: 42 Resp: 35975
Ion Ratio Lower Upper
42 100
74 62.6 54.2 81.4
44 3.8 4.2 6.2

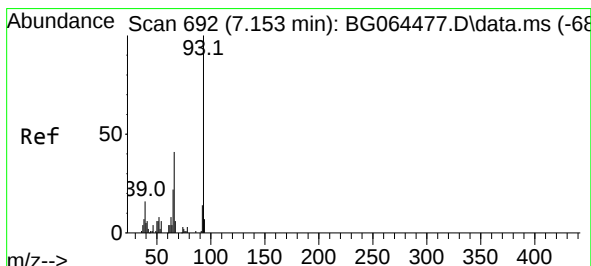
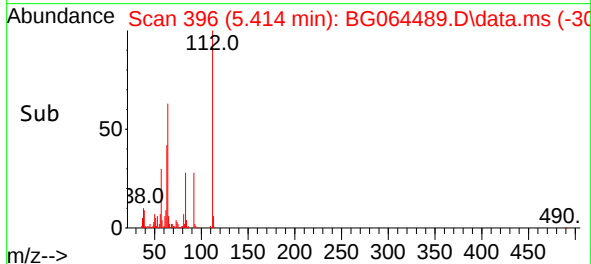
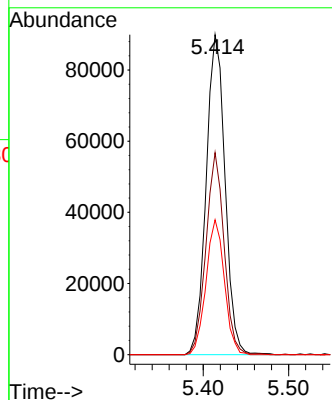
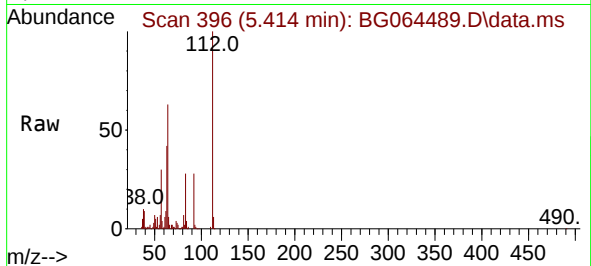




#5
2-Fluorophenol
Concen: 157.191 ng
RT: 5.414 min Scan# 396
Delta R.T. 0.008 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

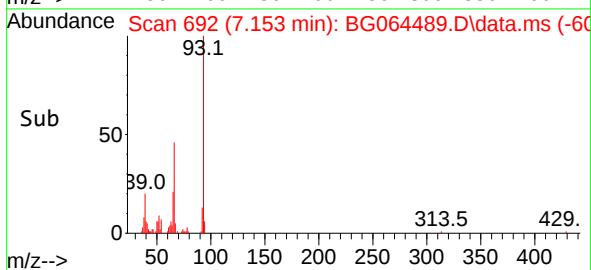
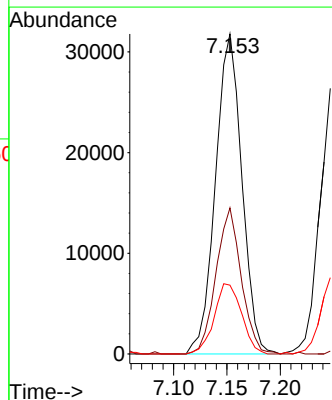
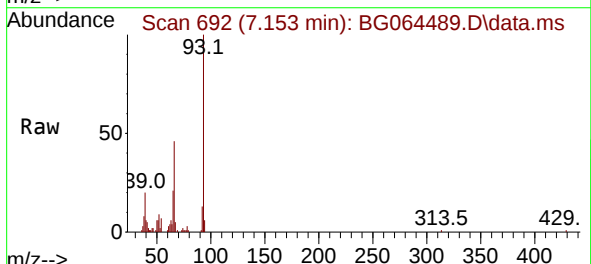
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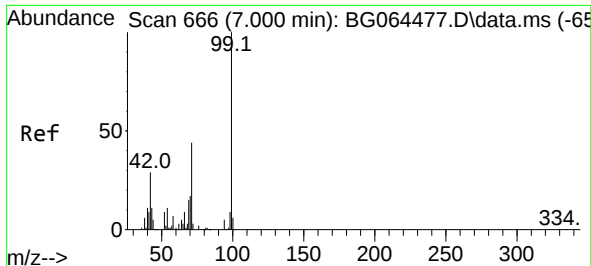
Tgt Ion:112 Resp: 138141
Ion Ratio Lower Upper
112 100
64 63.2 49.8 74.8
63 42.2 31.3 46.9



#6
Aniline
Concen: 36.704 ng
RT: 7.153 min Scan# 692
Delta R.T. 0.008 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

Tgt Ion: 93 Resp: 54677
Ion Ratio Lower Upper
93 100
66 45.7 33.0 49.4
65 21.5 17.5 26.3

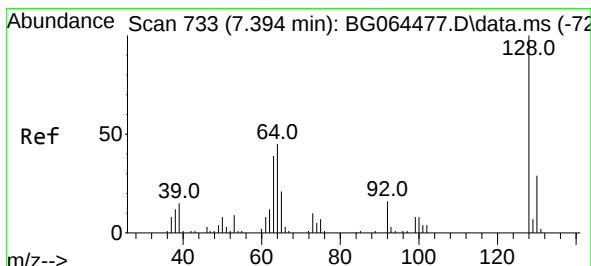
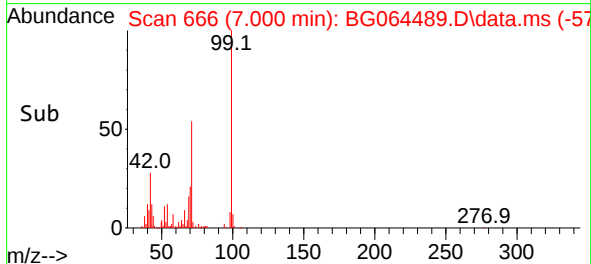
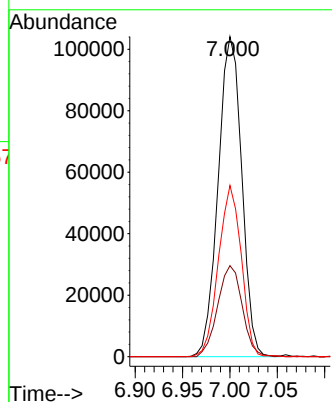
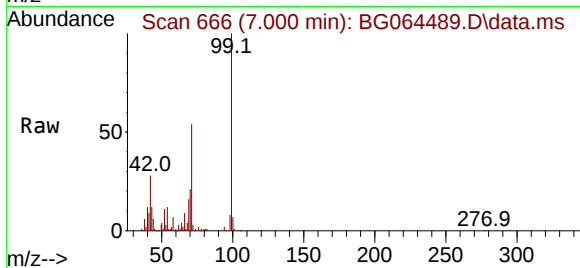




#7
Phenol-d6
Concen: 152.750 ng
RT: 7.000 min Scan# 666
Delta R.T. 0.014 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

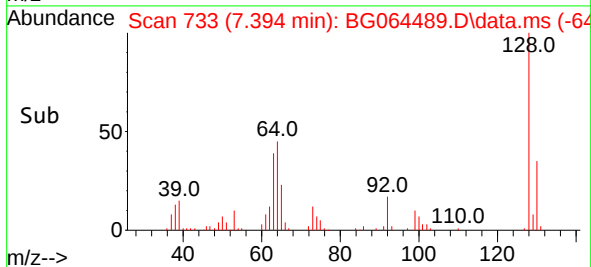
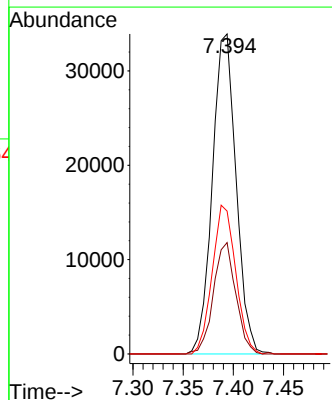
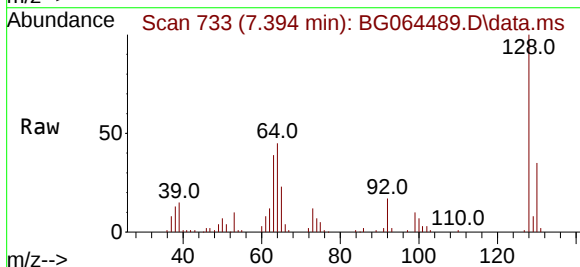
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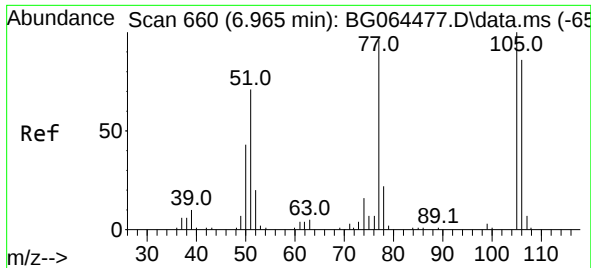
Tgt Ion: 99 Resp: 180394
Ion Ratio Lower Upper
99 100
42 28.5 22.9 34.3
71 53.5 35.4 53.2#



#8
2-Chlorophenol
Concen: 51.645 ng
RT: 7.394 min Scan# 733
Delta R.T. 0.008 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

Tgt Ion:128 Resp: 55732
Ion Ratio Lower Upper
128 100
130 34.8 9.2 49.2
64 44.7 25.5 65.5

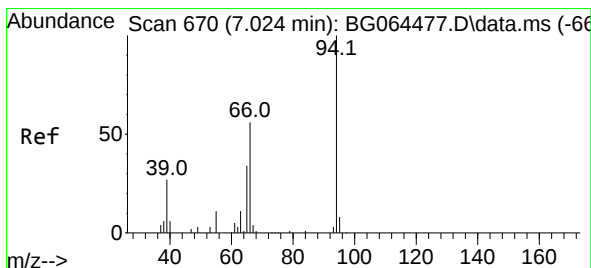
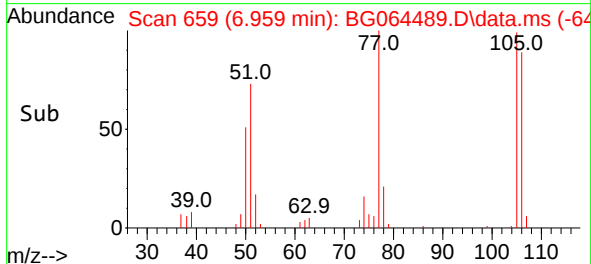
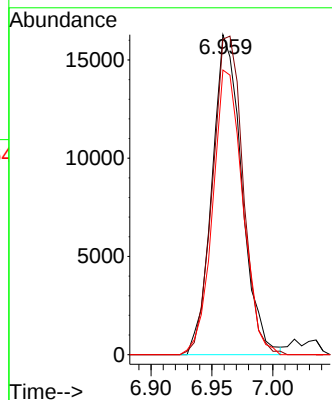
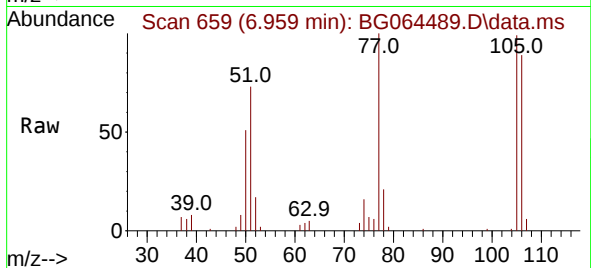




#9
Benzaldehyde
Concen: 26.454 ng
RT: 6.959 min Scan# 610
Delta R.T. -0.004 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

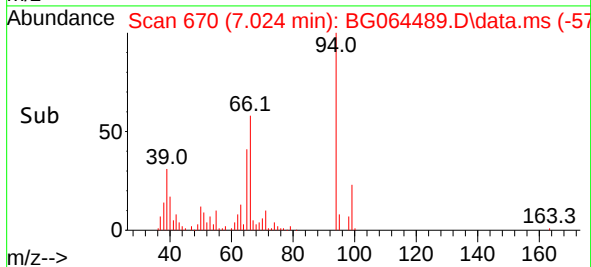
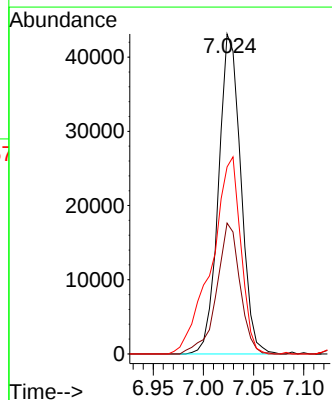
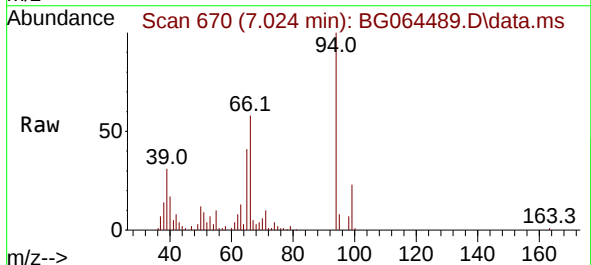
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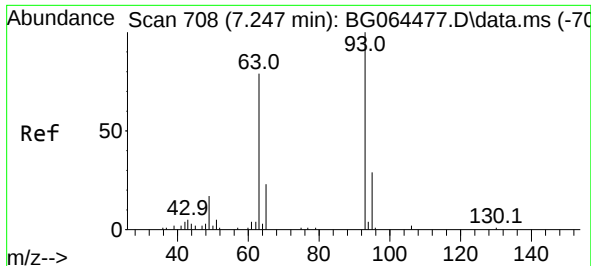
Tgt Ion: 77 Resp: 27733
Ion Ratio Lower Upper
77 100
105 98.6 83.7 123.7
106 89.0 69.4 109.4



#10
Phenol
Concen: 53.277 ng
RT: 7.024 min Scan# 670
Delta R.T. 0.008 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

Tgt Ion: 94 Resp: 66374
Ion Ratio Lower Upper
94 100
65 40.9 14.8 54.8
66 58.5 41.4 81.4

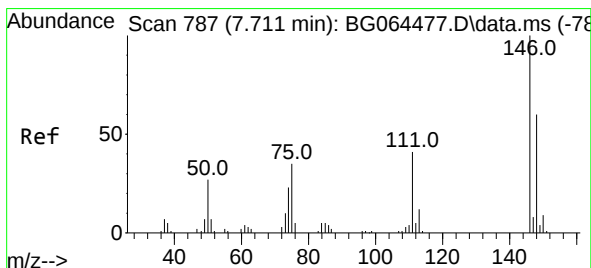
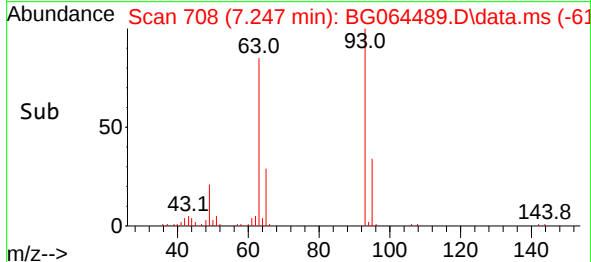
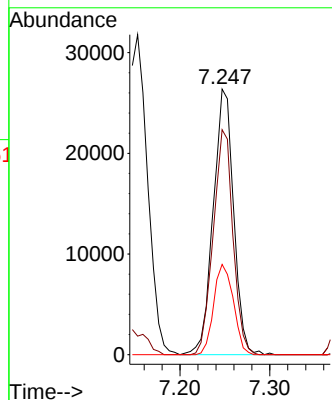
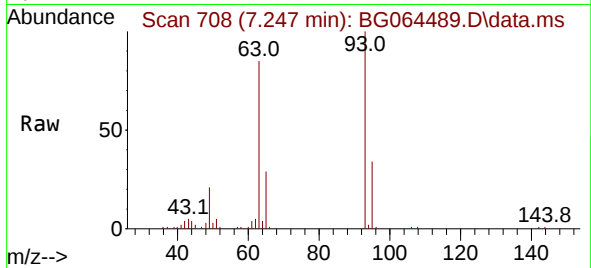




#11
bis(2-Chloroethyl)ether
Concen: 49.435 ng
RT: 7.247 min Scan# 708
Delta R.T. 0.002 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

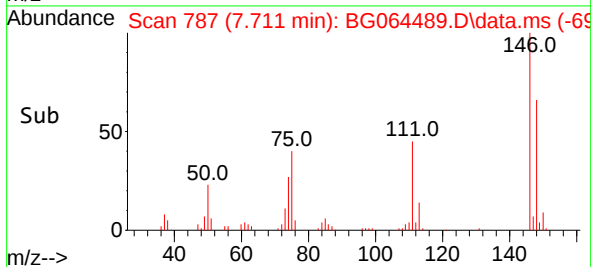
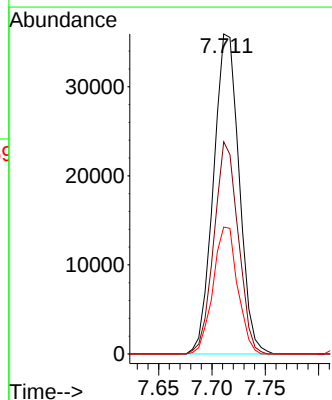
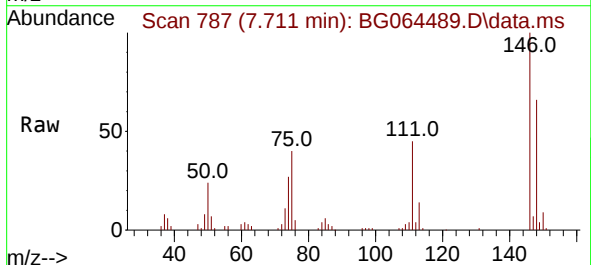
Instrument :
BNA_G
ClientSampleId :
PB169973BS

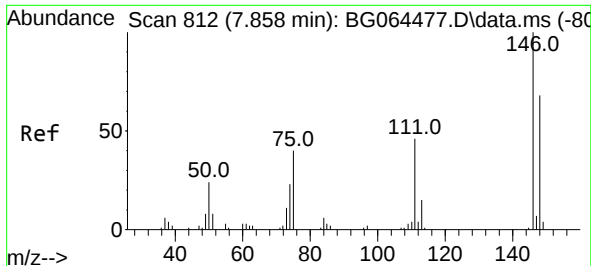
Tgt Ion:	93	Resp:	41708
Ion	Ratio	Lower	Upper
93	100		
63	84.7	59.5	99.5
95	34.0	8.8	48.8



#12
1,3-Dichlorobenzene
Concen: 50.820 ng
RT: 7.711 min Scan# 787
Delta R.T. 0.002 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

Tgt Ion:	146	Resp:	59993
Ion	Ratio	Lower	Upper
146	100		
148	66.3	48.4	72.6
75	39.6	28.3	42.5

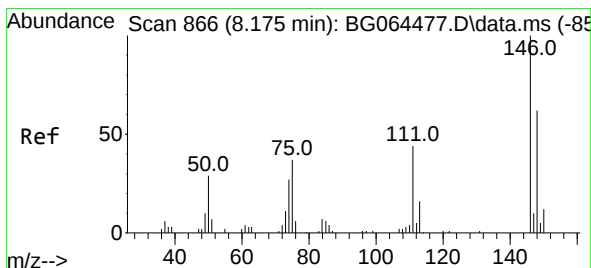
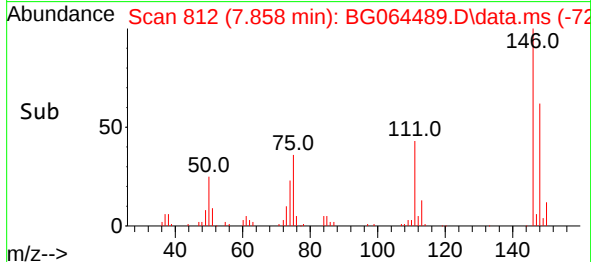
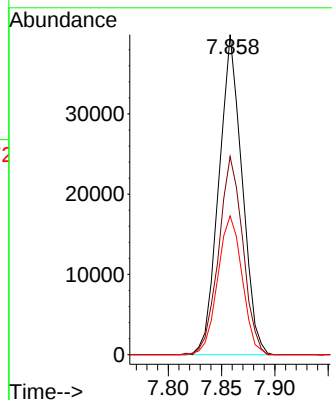
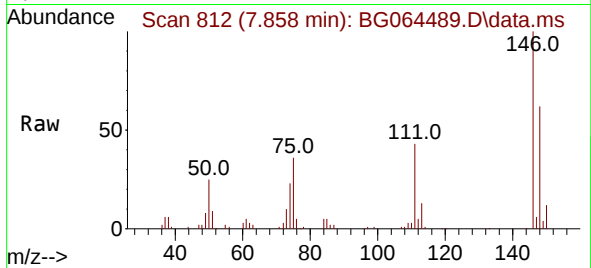




#13
1,4-Dichlorobenzene
Concen: 50.973 ng
RT: 7.858 min Scan# 812
Delta R.T. 0.002 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

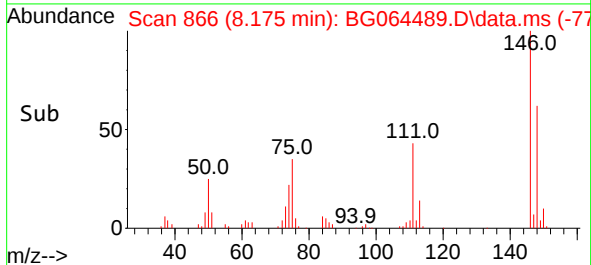
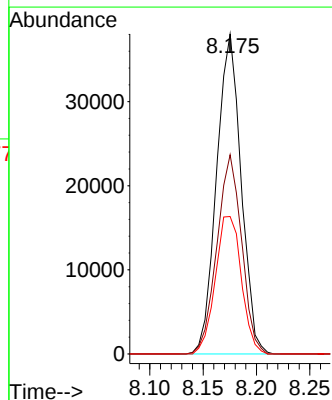
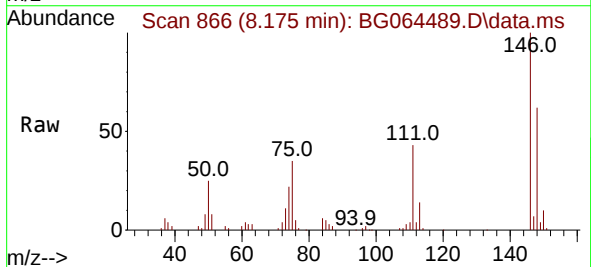
Instrument :
BNA_G
ClientSampleId :
PB169973BS

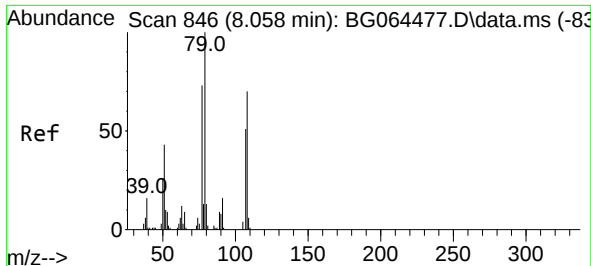
Tgt Ion:146 Resp: 60392
Ion Ratio Lower Upper
146 100
148 61.9 54.4 81.6
111 43.3 36.5 54.7



#14
1,2-Dichlorobenzene
Concen: 52.056 ng
RT: 8.175 min Scan# 866
Delta R.T. 0.002 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

Tgt Ion:146 Resp: 60785
Ion Ratio Lower Upper
146 100
148 62.3 50.0 75.0
111 42.9 35.0 52.4

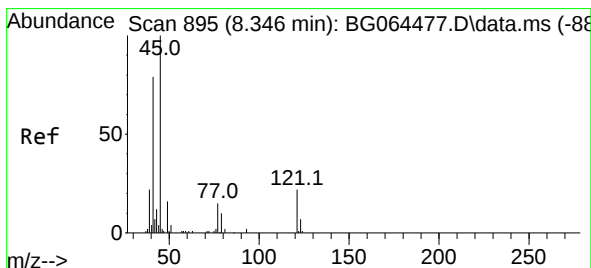
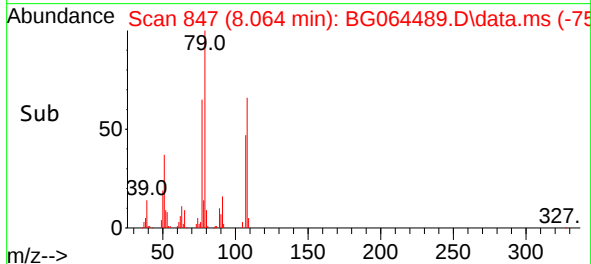
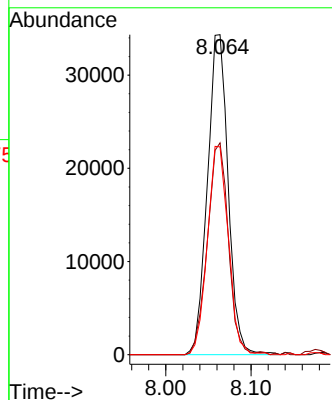
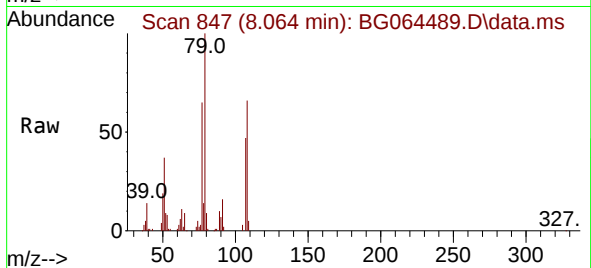




#15
Benzyl Alcohol
Concen: 53.422 ng
RT: 8.064 min Scan# 846
Delta R.T. 0.008 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

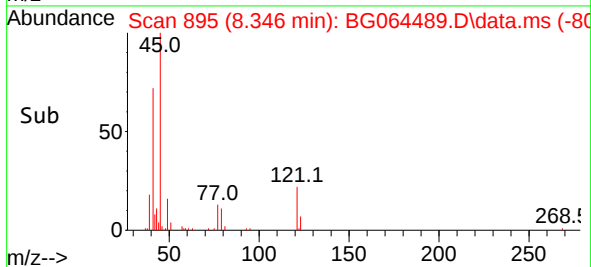
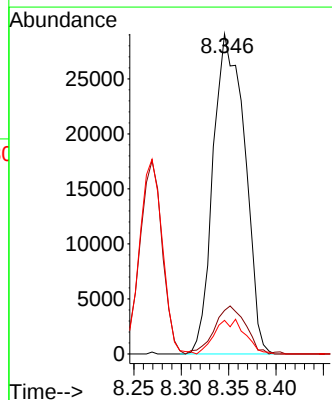
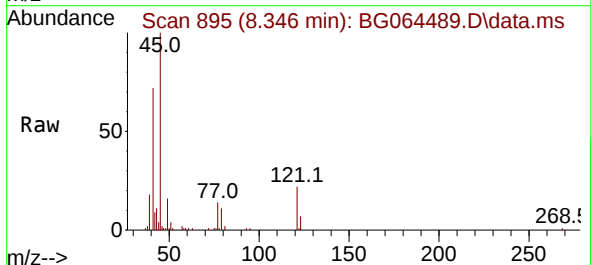
Instrument :
BNA_G
ClientSampleId :
PB169973BS

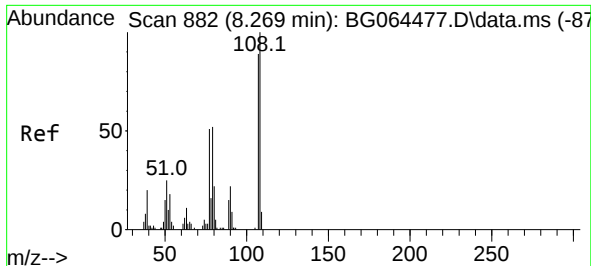
Tgt Ion: 79 Resp: 58102
Ion Ratio Lower Upper
79 100
108 66.2 56.4 84.6
77 65.0 58.3 87.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.546 ng
RT: 8.346 min Scan# 895
Delta R.T. 0.008 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

Tgt Ion: 45 Resp: 67381
Ion Ratio Lower Upper
45 100
77 13.6 0.0 35.6
79 10.5 0.0 30.7

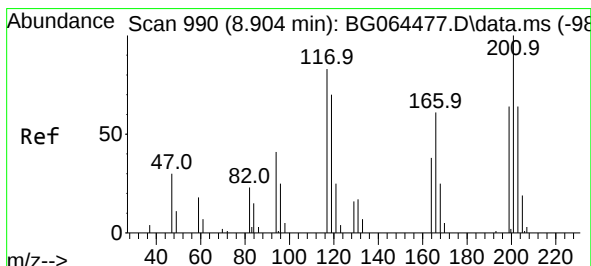
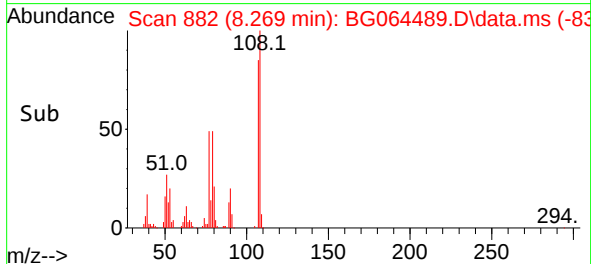
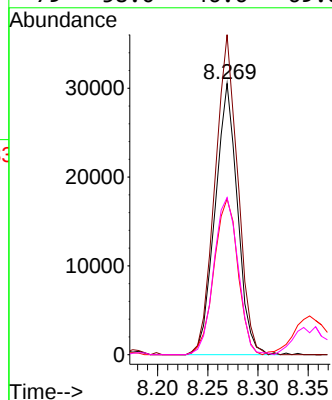
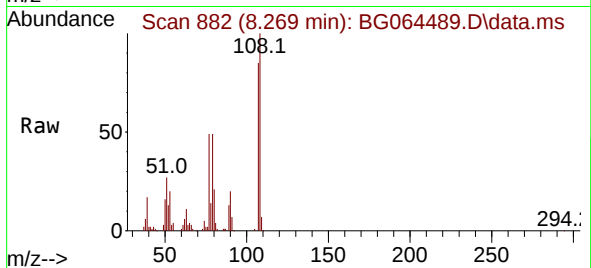




#17
2-Methylphenol
Concen: 52.425 ng
RT: 8.269 min Scan# 882
Delta R.T. 0.008 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

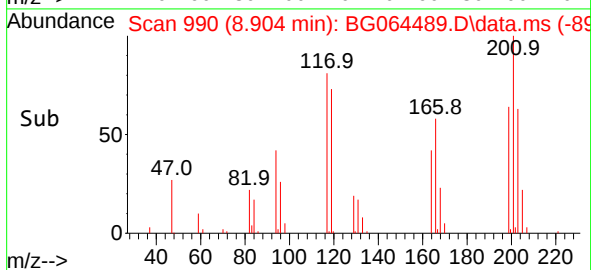
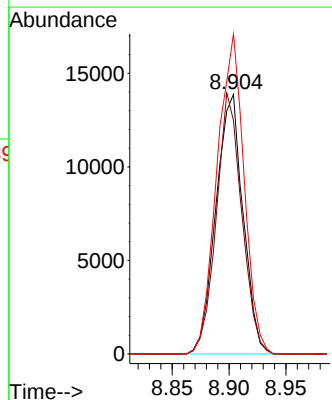
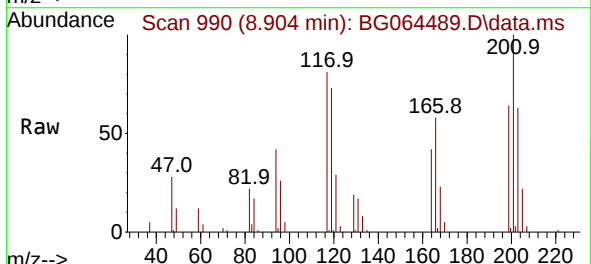
Instrument :
BNA_G
ClientSampleId :
PB169973BS

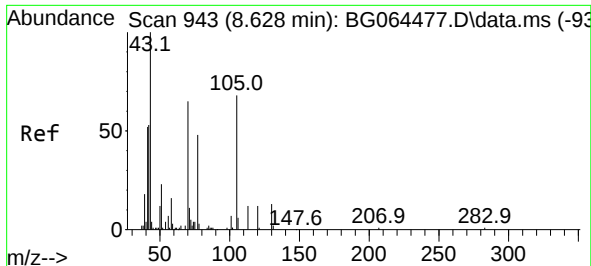
Tgt Ion:	107	Resp:	47294
Ion Ratio	Lower	Upper	
107	100		
108	118.0	90.3	135.5
77	57.5	46.0	69.0
79	58.0	46.6	69.8



#18
Hexachloroethane
Concen: 49.193 ng
RT: 8.904 min Scan# 990
Delta R.T. 0.008 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

Tgt Ion:	117	Resp:	23005
Ion Ratio	Lower	Upper	
117	100		
119	91.3	67.4	101.0
201	127.2	95.9	143.9



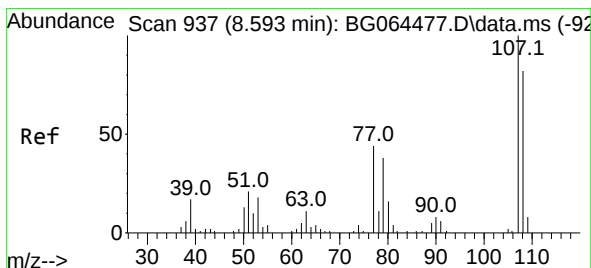
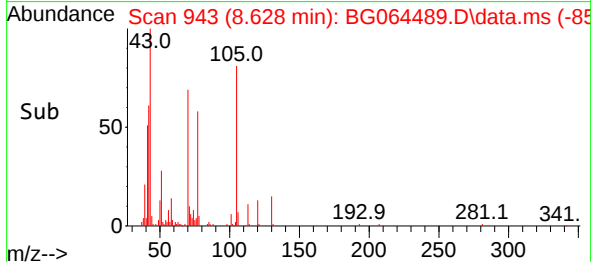
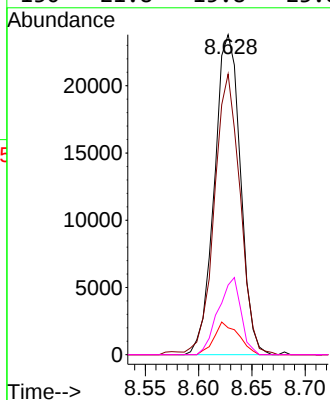
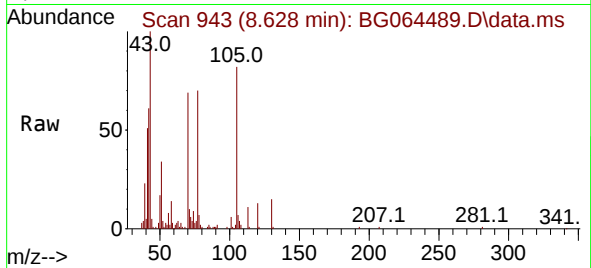


#19
n-Nitroso-di-n-propylamine
Concen: 50.981 ng
RT: 8.628 min Scan# 943
Delta R.T. 0.014 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

Instrument :
BNA_G
ClientSampleId :
PB169973BS

Tgt Ion: 70 Resp: 40266

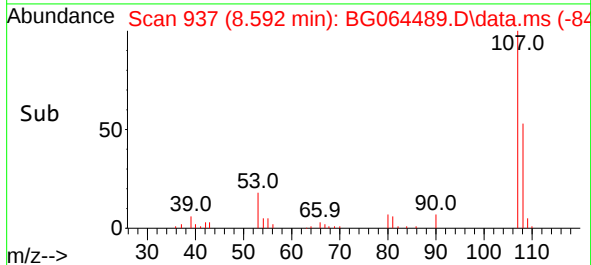
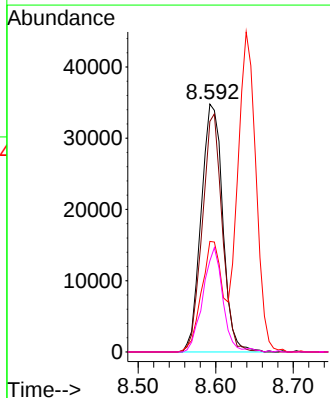
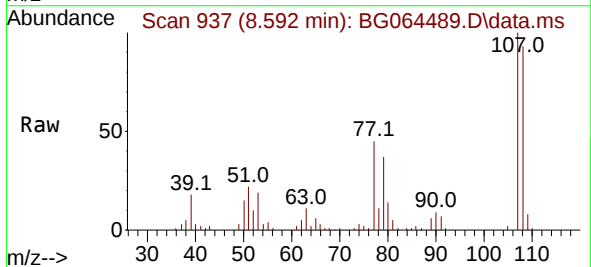
Ion	Ratio	Lower	Upper
70	100		
42	87.7	64.9	97.3
101	8.4	8.7	13.1
130	21.8	15.8	23.8

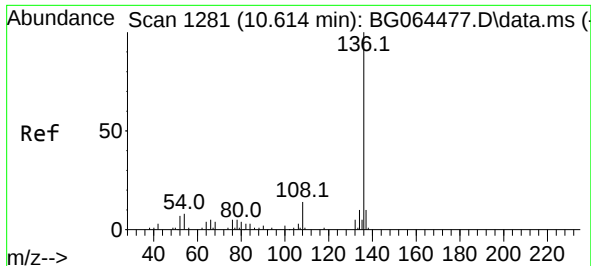


#20
3+4-Methylphenols
Concen: 53.253 ng
RT: 8.592 min Scan# 937
Delta R.T. 0.002 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

Tgt Ion: 107 Resp: 67040

Ion	Ratio	Lower	Upper
107	100		
108	93.0	62.1	102.1
77	44.6	23.5	63.5
79	36.8	17.8	57.8

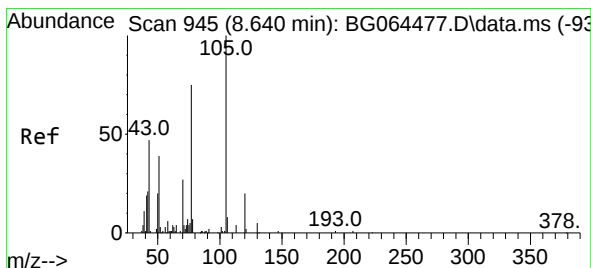
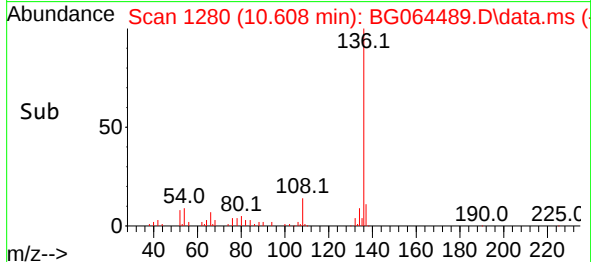
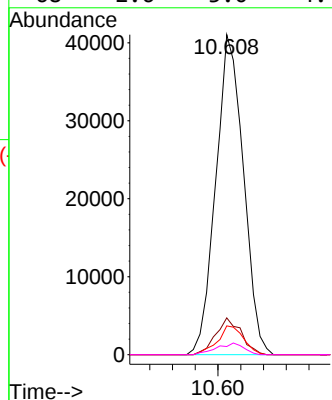
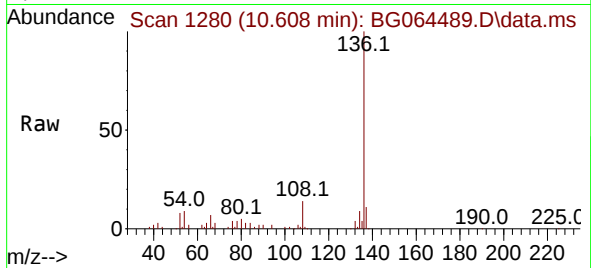




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

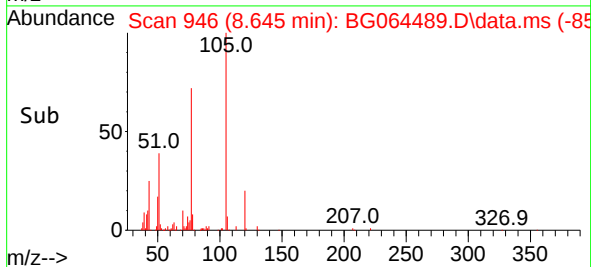
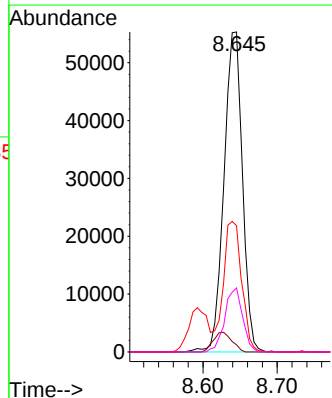
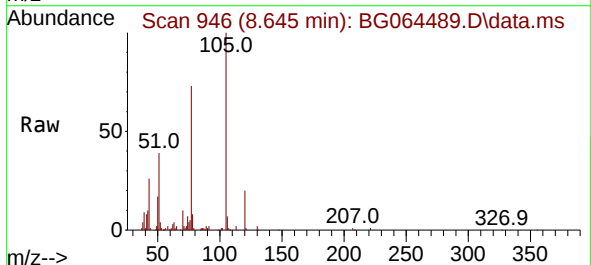
Instrument :
BNA_G
ClientSampleId :
PB169973BS

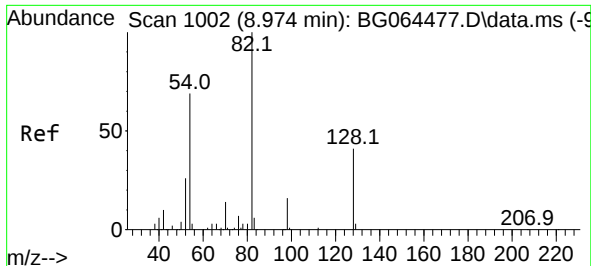
Tgt Ion:	136	Resp:	69209
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.3	12.5
54	9.0	6.2	9.4
68	2.6	3.0	4.4#



#22
Acetophenone
Concen: 57.044 ng
RT: 8.645 min Scan# 946
Delta R.T. 0.014 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

Tgt Ion:	105	Resp:	95591
Ion Ratio	Lower	Upper	
105	100		
71	2.3	2.8	4.2#
51	39.4	33.0	49.4
120	20.0	15.8	23.6

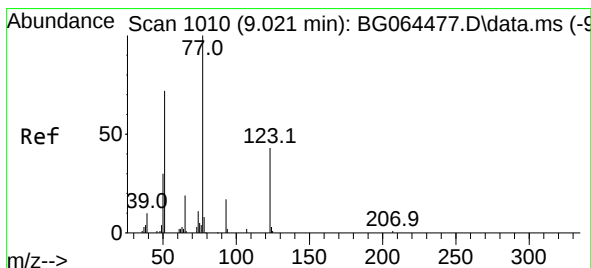
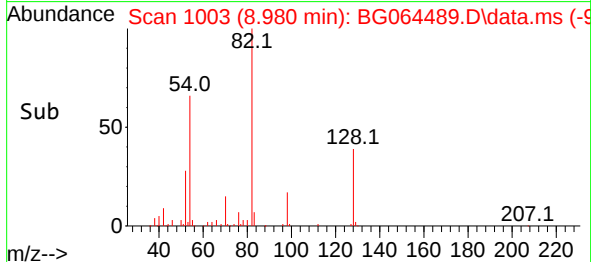
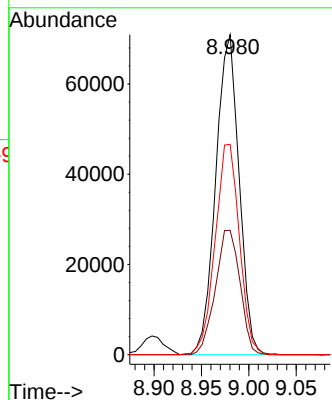
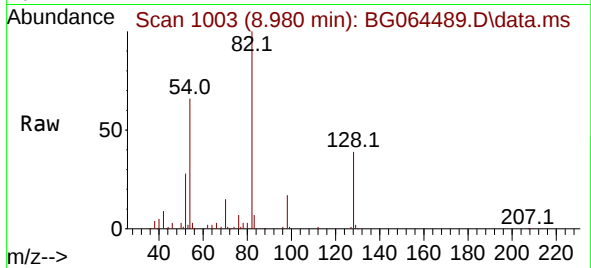




#23
Nitrobenzene-d5
Concen: 94.324 ng
RT: 8.980 min Scan# 1003
Delta R.T. 0.014 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

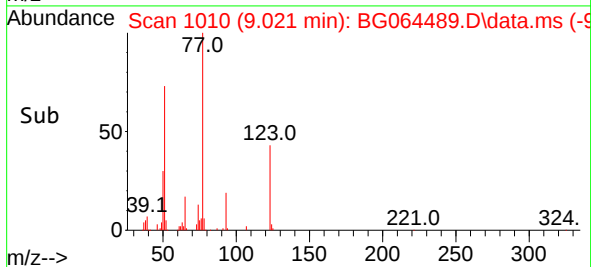
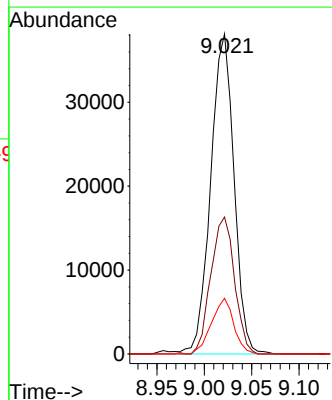
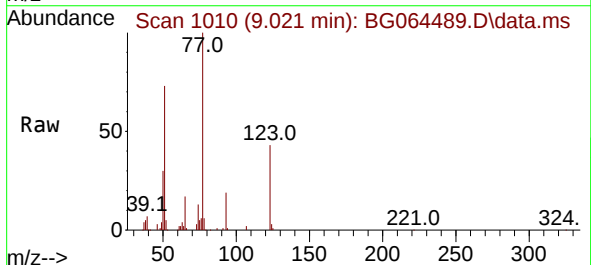
Instrument :
BNA_G
ClientSampleId :
PB169973BS

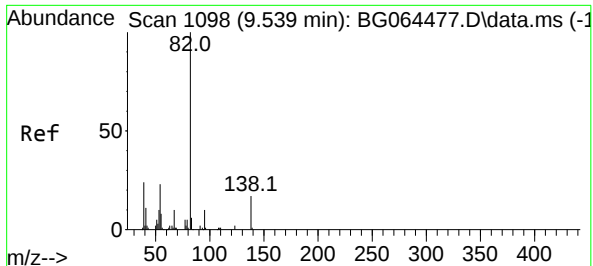
Tgt Ion: 82 Resp: 121407
Ion Ratio Lower Upper
82 100
128 38.9 33.1 49.7
54 65.8 55.4 83.2



#24
Nitrobenzene
Concen: 50.705 ng
RT: 9.021 min Scan# 1010
Delta R.T. 0.008 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

Tgt Ion: 77 Resp: 65082
Ion Ratio Lower Upper
77 100
123 42.8 34.4 51.6
65 17.4 14.8 22.2

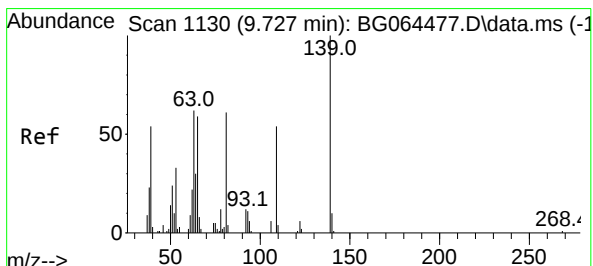
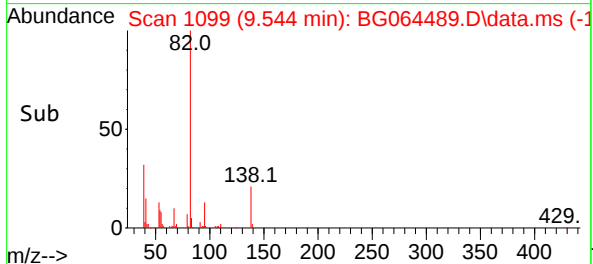
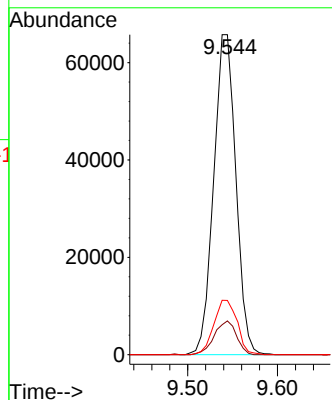
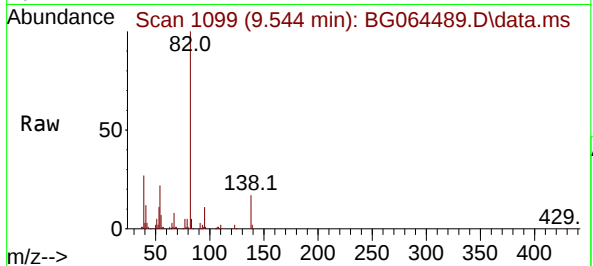




#25
Isophorone
Concen: 48.371 ng
RT: 9.544 min Scan# 1098
Delta R.T. 0.014 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

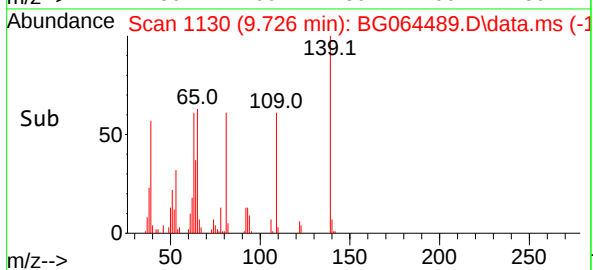
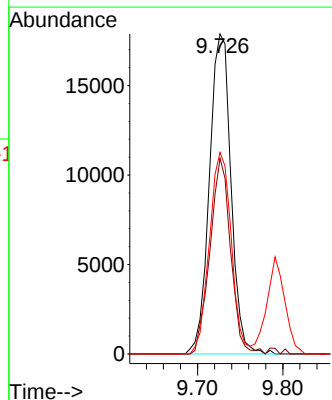
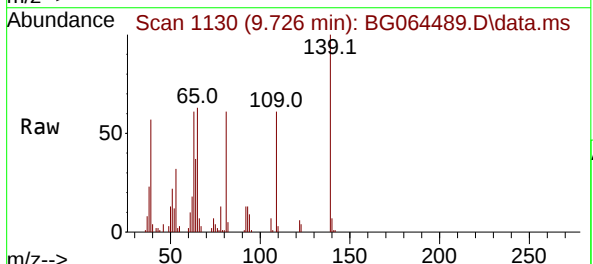
Instrument :
BNA_G
ClientSampleId :
PB169973BS

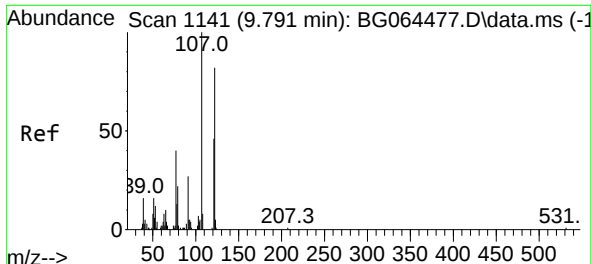
Tgt Ion: 82 Resp: 112788
Ion Ratio Lower Upper
82 100
95 10.6 7.8 11.8
138 17.0 13.8 20.6



#26
2-Nitrophenol
Concen: 49.147 ng
RT: 9.726 min Scan# 1130
Delta R.T. 0.008 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

Tgt Ion:139 Resp: 31396
Ion Ratio Lower Upper
139 100
109 61.1 43.0 64.6
65 63.0 47.4 71.2

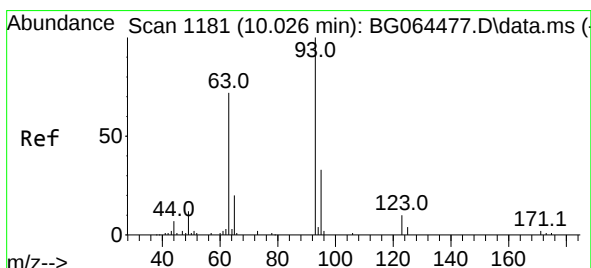
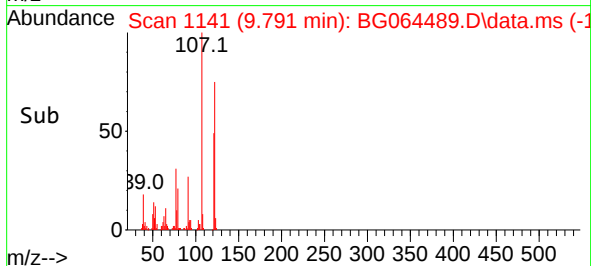
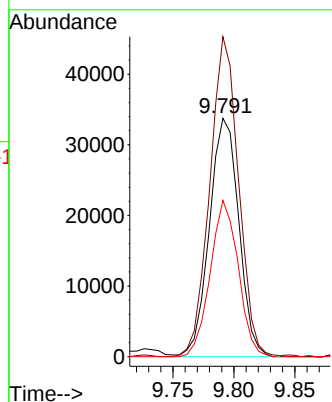
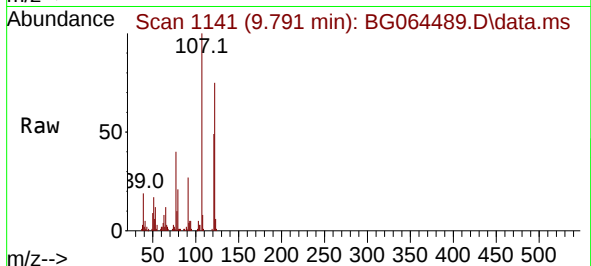




#27
2,4-Dimethylphenol
Concen: 57.985 ng
RT: 9.791 min Scan# 1141
Delta R.T. 0.008 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

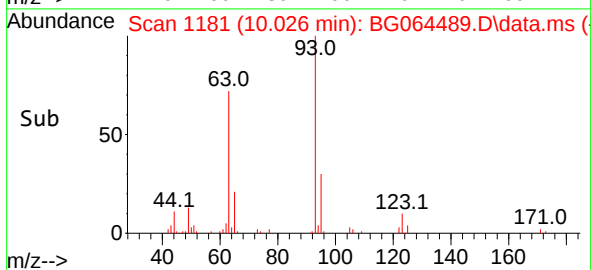
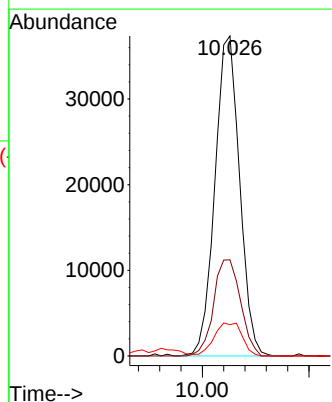
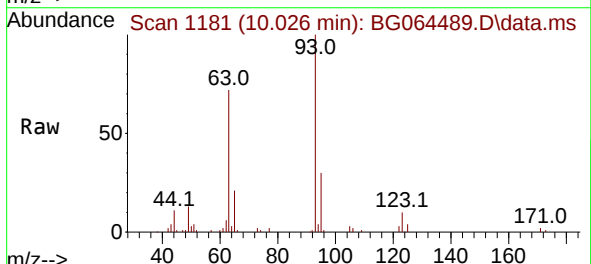
Instrument :
BNA_G
ClientSampleId :
PB169973BS

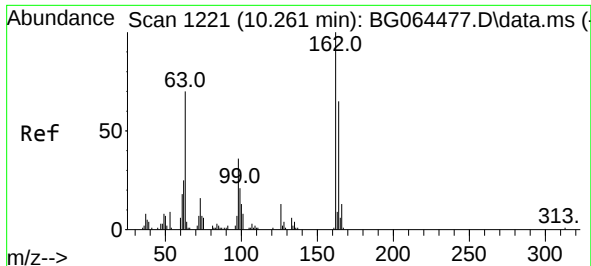
Tgt Ion:122 Resp: 56577
Ion Ratio Lower Upper
122 100
107 134.2 98.3 147.5
121 65.6 44.7 67.1



#28
bis(2-Chloroethoxy)methane
Concen: 50.474 ng
RT: 10.026 min Scan# 1181
Delta R.T. 0.008 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

Tgt Ion: 93 Resp: 59992
Ion Ratio Lower Upper
93 100
95 30.0 26.5 39.7
123 9.8 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 55.844 ng

RT: 10.261 min Scan# 1221

Delta R.T. 0.002 min

Lab File: BG064489.D

Acq: 3 Oct 2025 16:16

Instrument :

BNA_G

ClientSampleId :

PB169973BS

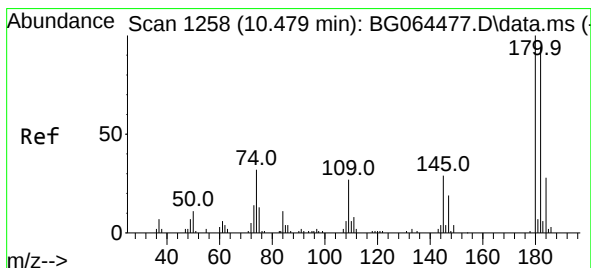
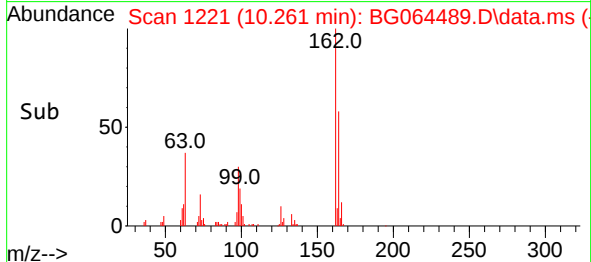
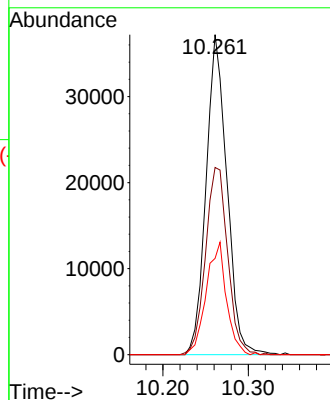
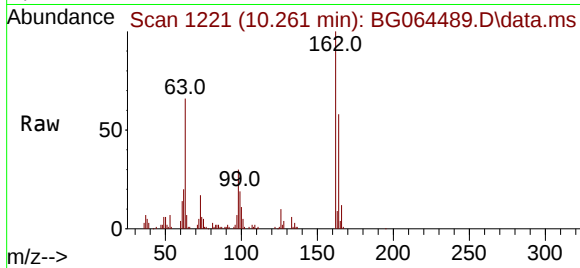
Tgt Ion:162 Resp: 63008

Ion Ratio Lower Upper

162 100

164 58.5 45.4 85.4

98 30.1 16.4 56.4



#30

1,2,4-Trichlorobenzene

Concen: 53.523 ng

RT: 10.478 min Scan# 1258

Delta R.T. 0.008 min

Lab File: BG064489.D

Acq: 3 Oct 2025 16:16

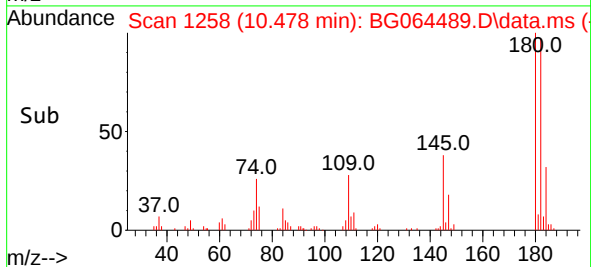
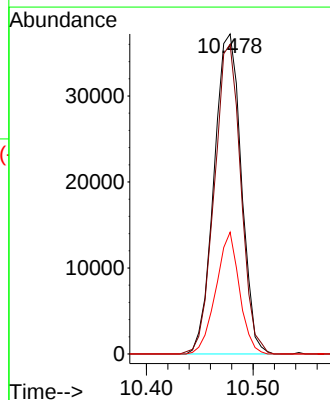
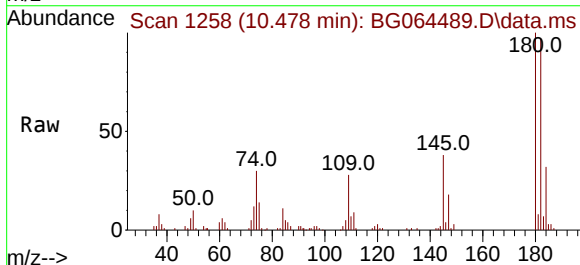
Tgt Ion:180 Resp: 65847

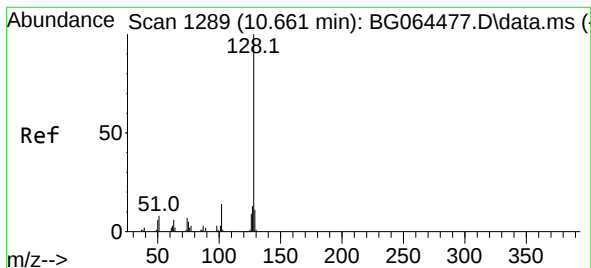
Ion Ratio Lower Upper

180 100

182 96.8 75.4 113.2

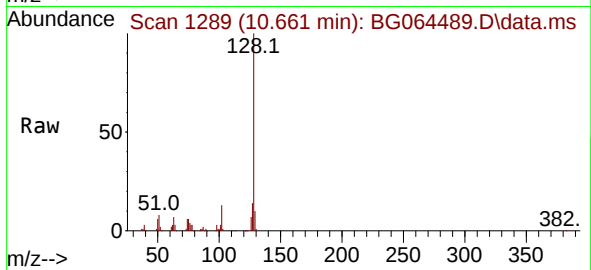
145 38.1 23.2 34.8#



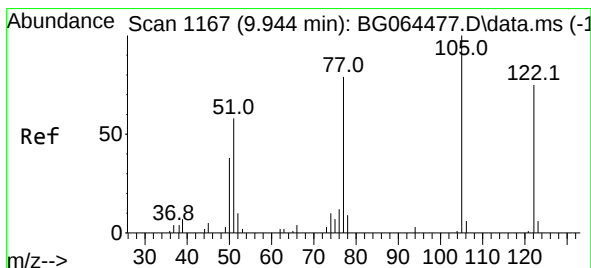
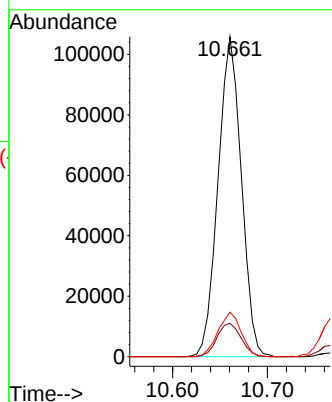
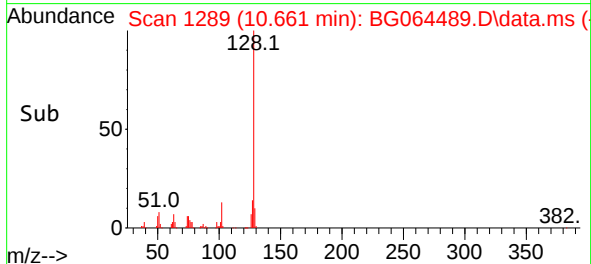


#31
Naphthalene
Concen: 50.722 ng
RT: 10.661 min Scan# 1171
Delta R.T. 0.008 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

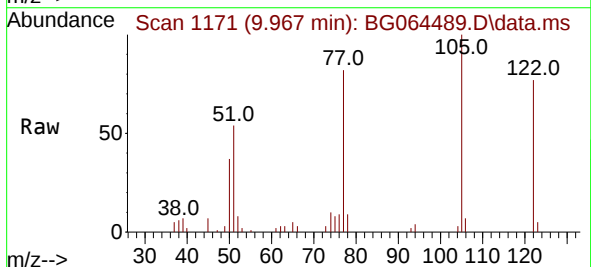
Instrument :
BNA_G
ClientSampleId :
PB169973BS



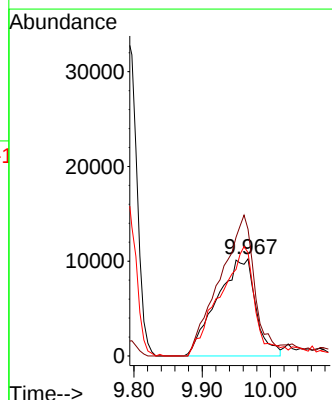
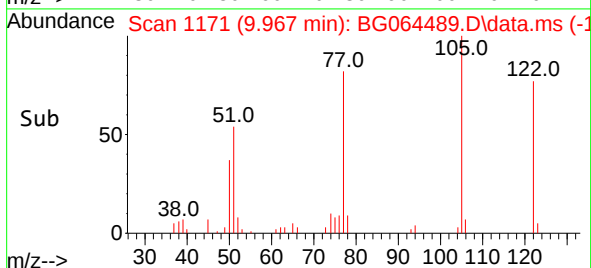
Tgt Ion:128 Resp: 180768
Ion Ratio Lower Upper
128 100
129 10.5 8.7 13.1
127 13.9 10.2 15.2

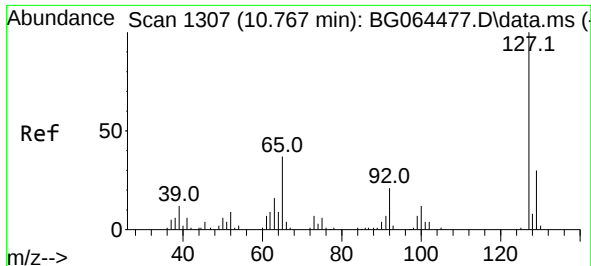


#32
Benzoic acid
Concen: 54.355 ng
RT: 9.967 min Scan# 1171
Delta R.T. 0.079 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16



Tgt Ion:122 Resp: 40718
Ion Ratio Lower Upper
122 100
105 130.5 113.9 153.9
77 106.4 86.1 126.1

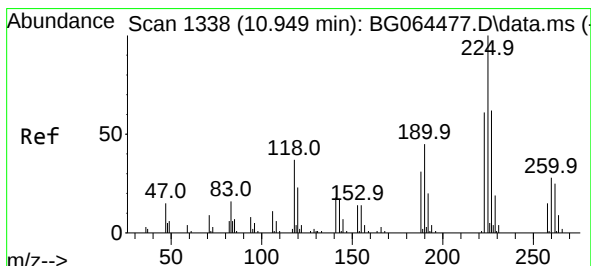
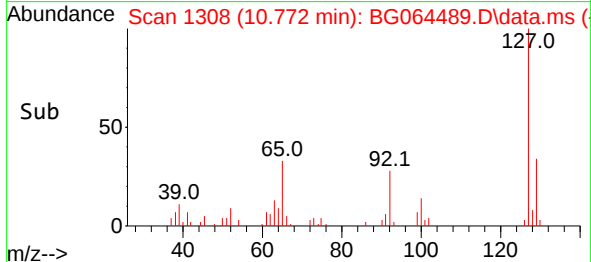
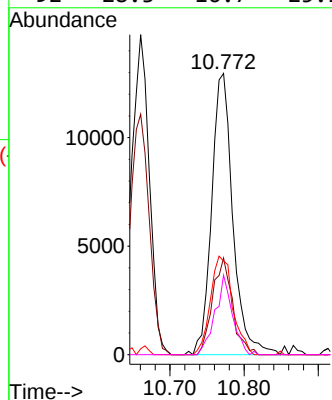
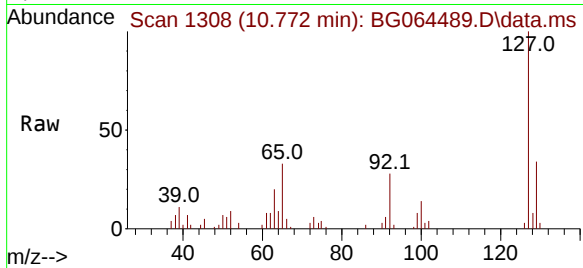




#33
4-Chloroaniline
Concen: 18.843 ng
RT: 10.772 min Scan# 11
Delta R.T. 0.008 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

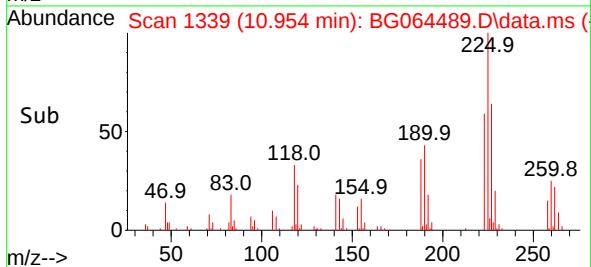
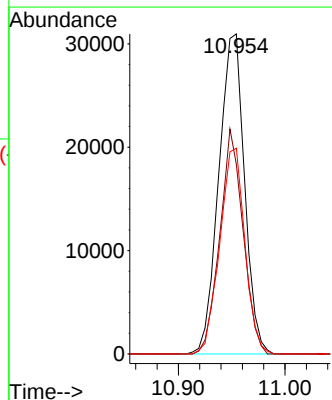
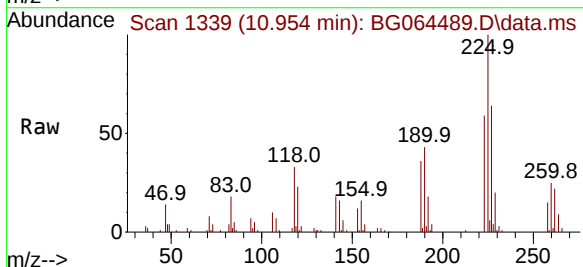
Instrument :
BNA_G
ClientSampleId :
PB169973BS

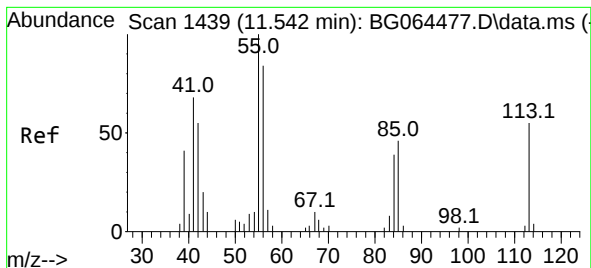
Tgt Ion:127	Resp:	25770
Ion	Ratio	Lower Upper
127	100	
129	34.4	24.2 36.4
65	33.3	29.6 44.4
92	28.3	16.7 25.1



#34
Hexachlorobutadiene
Concen: 49.138 ng
RT: 10.954 min Scan# 1339
Delta R.T. 0.008 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

Tgt Ion:225	Resp:	51772
Ion	Ratio	Lower Upper
225	100	
223	59.3	49.0 73.6
227	64.3	49.9 74.9

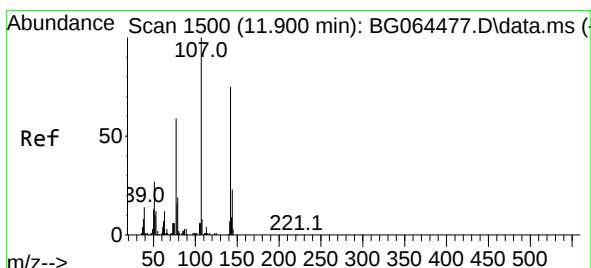
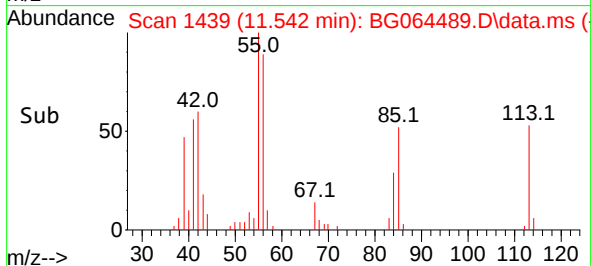
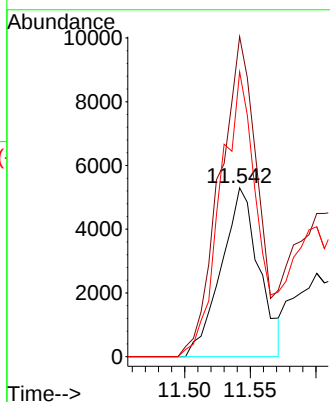
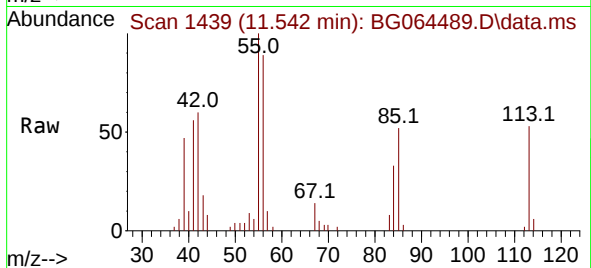




#35
Caprolactam
Concen: 27.575 ng
RT: 11.542 min Scan# 1439
Delta R.T. 0.032 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

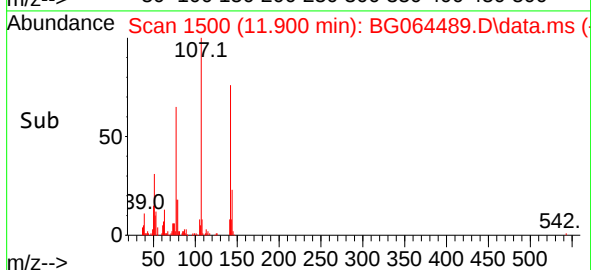
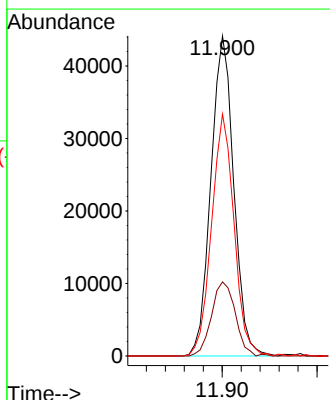
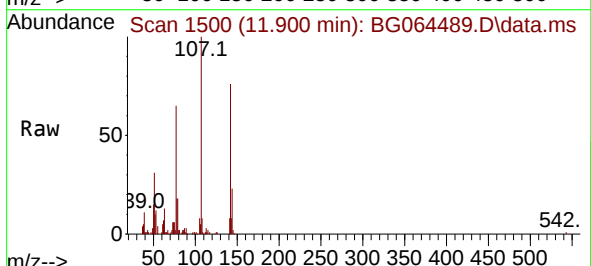
Instrument :
BNA_G
ClientSampleId :
PB169973BS

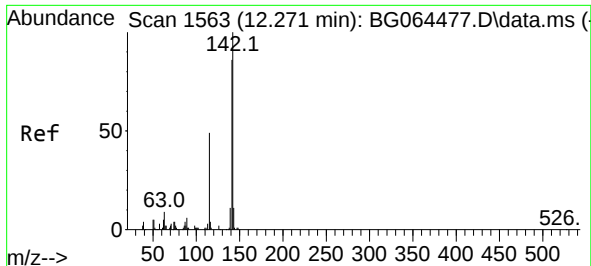
Tgt Ion:113 Resp: 10651
Ion Ratio Lower Upper
113 100
55 189.6 162.0 202.0
56 168.7 134.6 174.6



#36
4-Chloro-3-methylphenol
Concen: 53.851 ng
RT: 11.900 min Scan# 1500
Delta R.T. 0.008 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

Tgt Ion:107 Resp: 73890
Ion Ratio Lower Upper
107 100
144 23.1 18.7 28.1
142 75.6 60.2 90.2

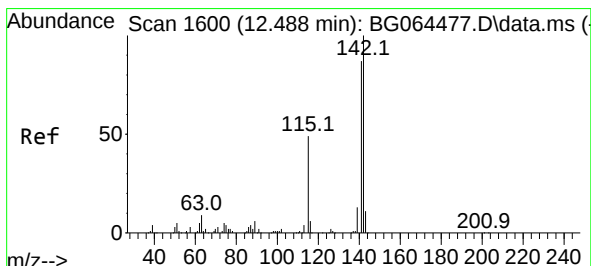
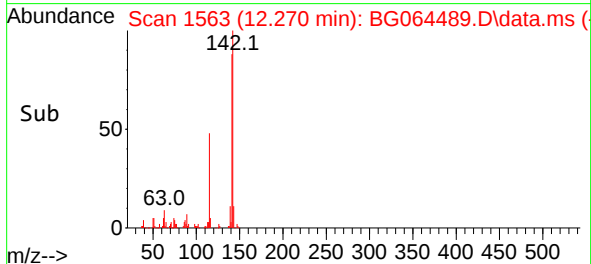
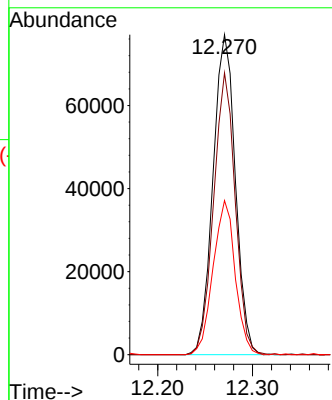
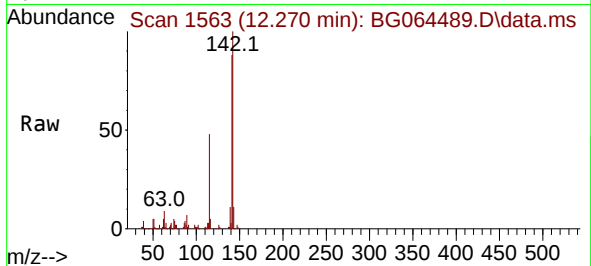




#37
2-Methylnaphthalene
Concen: 46.176 ng
RT: 12.270 min Scan# 1563
Delta R.T. 0.002 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

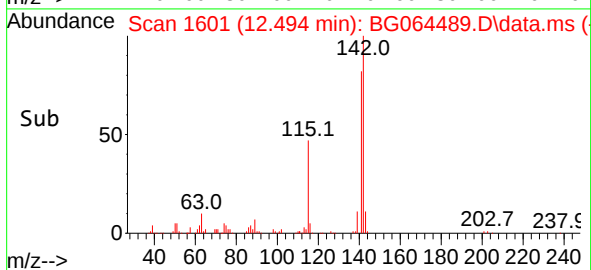
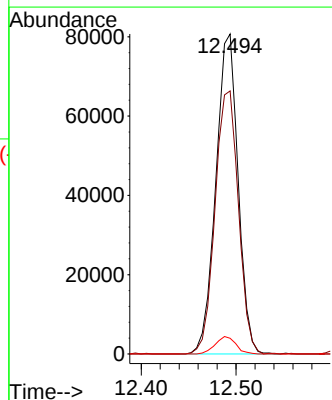
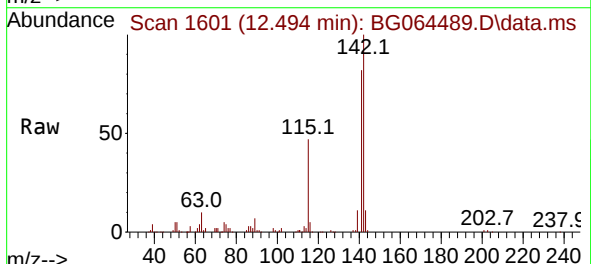
Instrument :
BNA_G
ClientSampleId :
PB169973BS

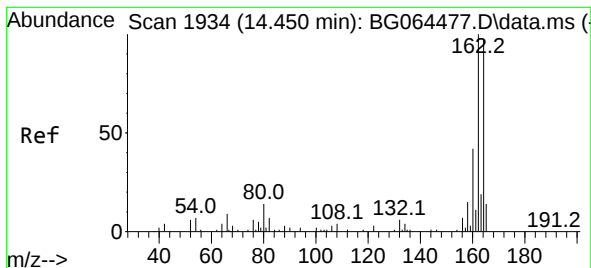
Tgt Ion:142 Resp: 126325
Ion Ratio Lower Upper
142 100
141 88.0 68.7 103.1
115 48.2 39.3 58.9



#38
1-Methylnaphthalene
Concen: 48.184 ng
RT: 12.494 min Scan# 1601
Delta R.T. 0.008 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

Tgt Ion:142 Resp: 131440
Ion Ratio Lower Upper
142 100
141 82.2 69.8 104.8
116 4.9 4.6 6.8

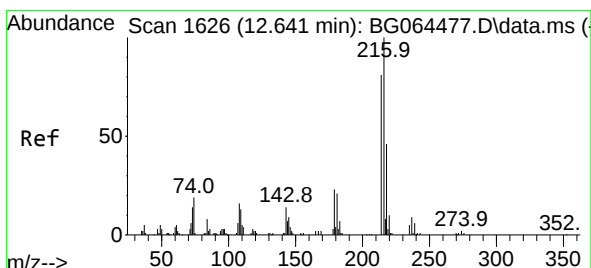
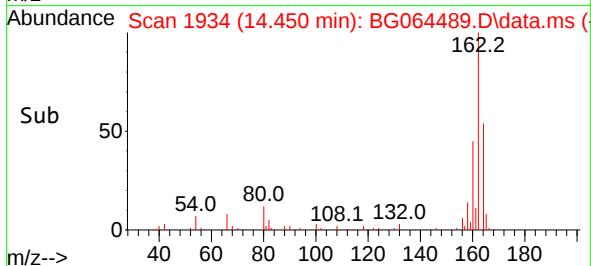
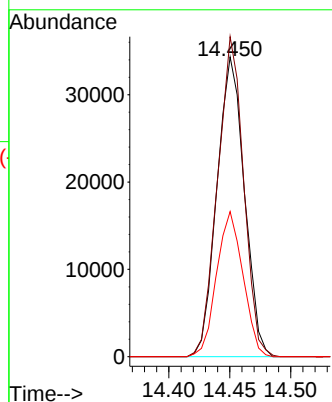
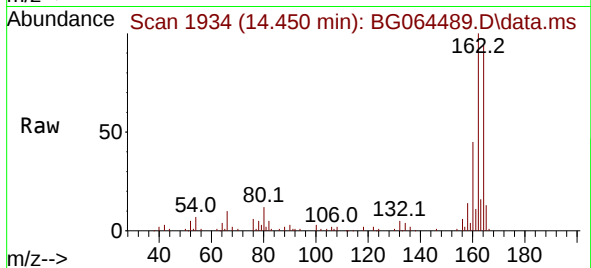




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.450 min Scan# 1934
Delta R.T. 0.002 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

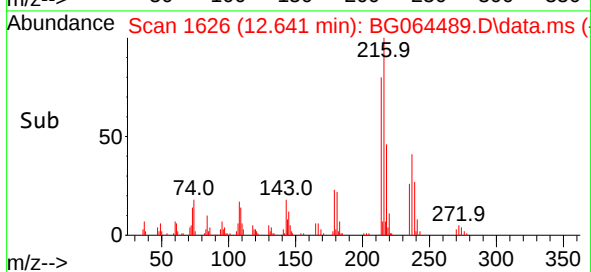
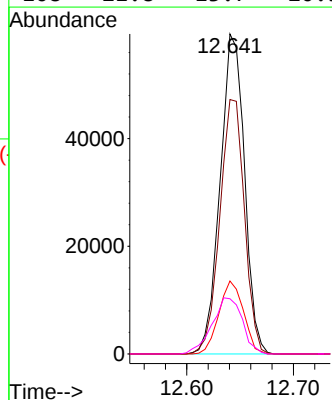
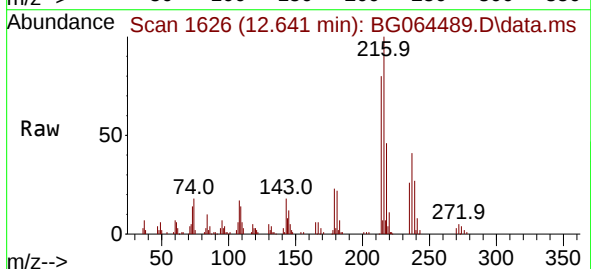
Instrument :
BNA_G
ClientSampleId :
PB169973BS

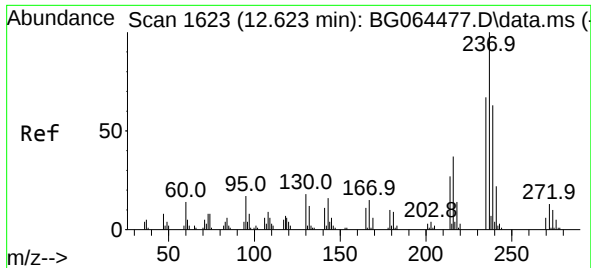
Tgt Ion:164 Resp: 53762
Ion Ratio Lower Upper
164 100
162 106.7 82.2 123.2
160 48.4 34.3 51.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.249 ng
RT: 12.641 min Scan# 1626
Delta R.T. 0.002 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

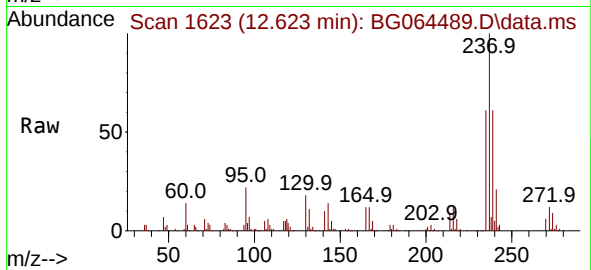
Tgt Ion:216 Resp: 94170
Ion Ratio Lower Upper
216 100
214 80.2 62.5 93.7
179 23.0 17.0 25.6
108 21.8 13.7 20.5#



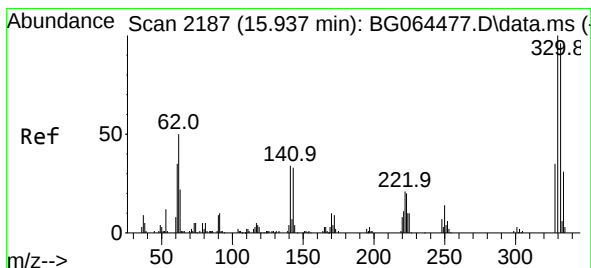
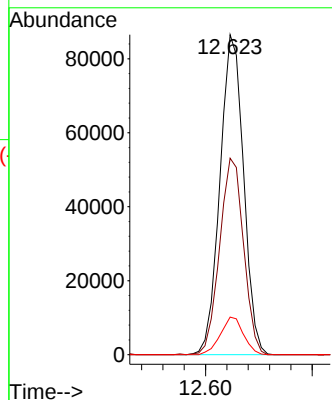
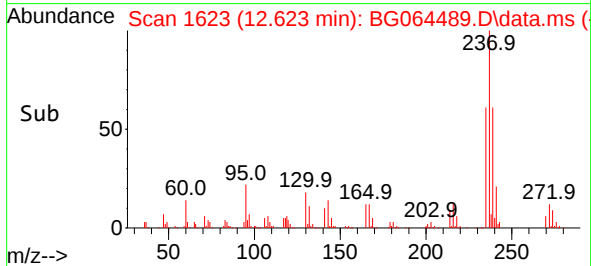


#41
Hexachlorocyclopentadiene
Concen: 146.146 ng
RT: 12.623 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

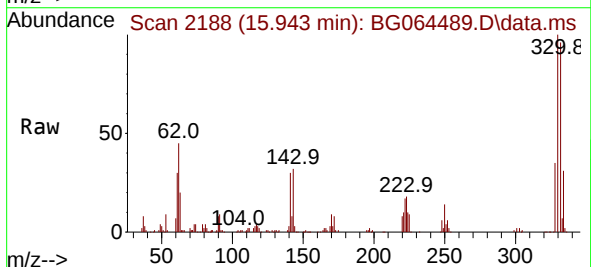
Instrument :
BNA_G
ClientSampleId :
PB169973BS



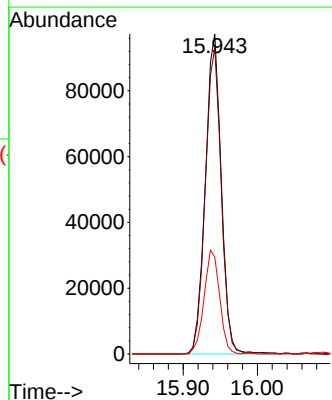
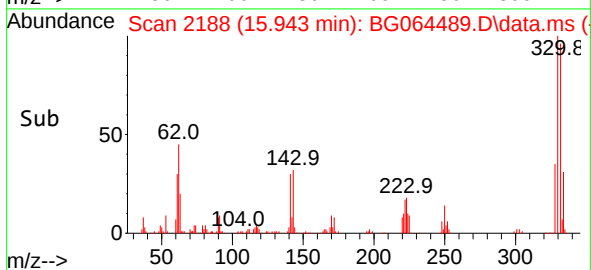
Tgt Ion:237 Resp: 132704
Ion Ratio Lower Upper
237 100
235 61.4 46.9 86.9
272 11.8 0.0 32.6

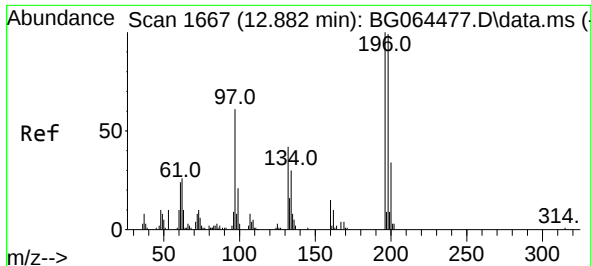


#42
2,4,6-Tribromophenol
Concen: 148.856 ng
RT: 15.943 min Scan# 2188
Delta R.T. 0.008 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16



Tgt Ion:330 Resp: 145062
Ion Ratio Lower Upper
330 100
332 95.7 77.4 116.0
141 31.7 25.8 38.6

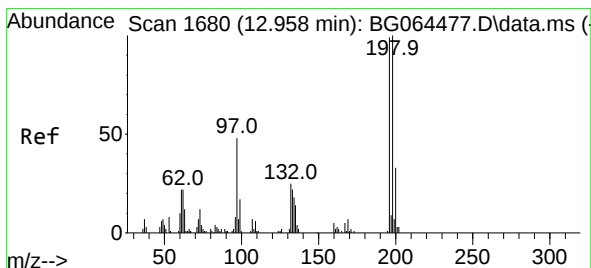
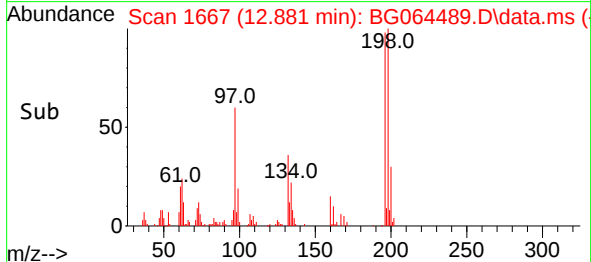
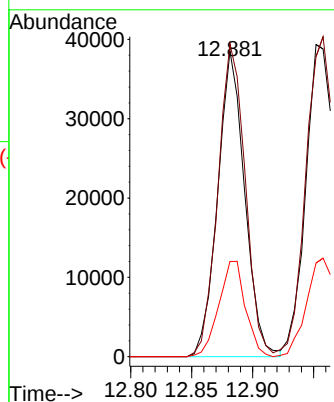
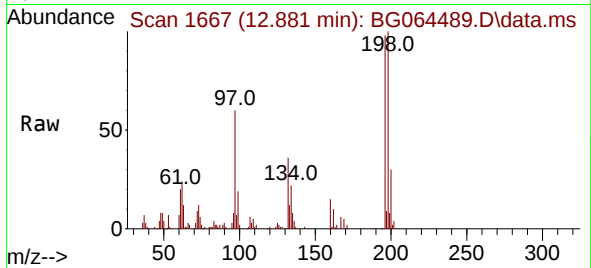




#43
2,4,6-Trichlorophenol
Concen: 53.526 ng
RT: 12.881 min Scan# 1667
Delta R.T. 0.002 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

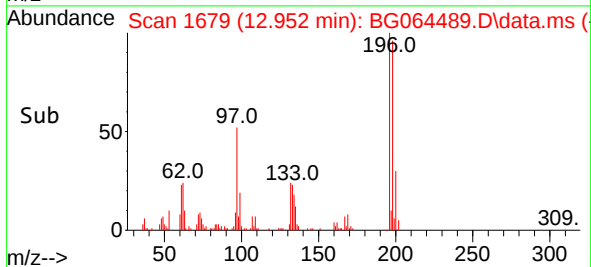
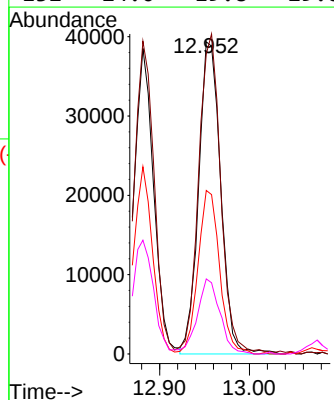
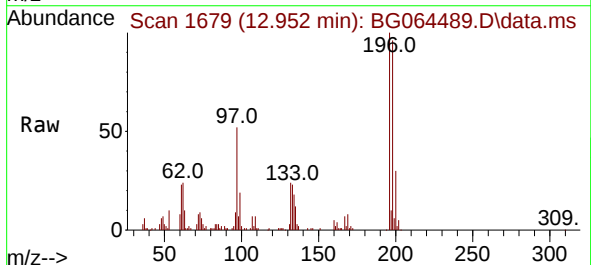
Instrument :
BNA_G
ClientSampleId :
PB169973BS

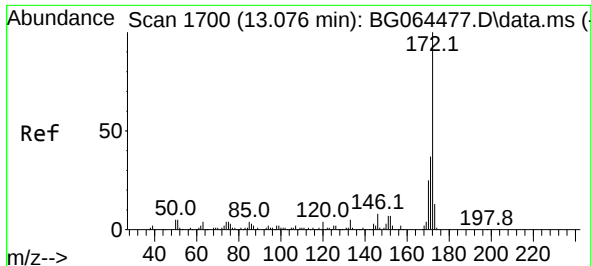
Tgt Ion:196 Resp: 59397
Ion Ratio Lower Upper
196 100
198 102.4 79.3 118.9
200 31.2 27.4 41.2



#44
2,4,5-Trichlorophenol
Concen: 54.393 ng
RT: 12.952 min Scan# 1679
Delta R.T. -0.004 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

Tgt Ion:196 Resp: 67385
Ion Ratio Lower Upper
196 100
198 96.1 80.3 120.5
97 52.4 39.4 59.0
132 24.0 19.8 29.8

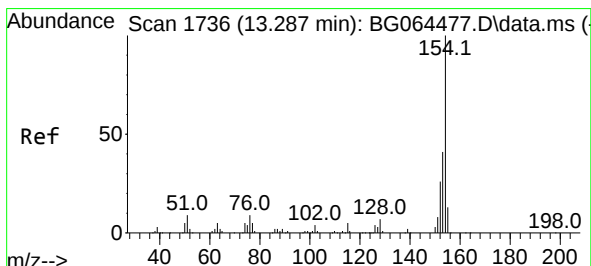
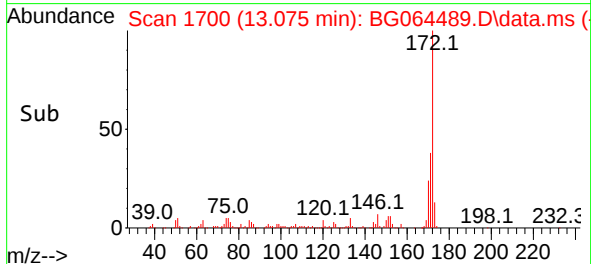
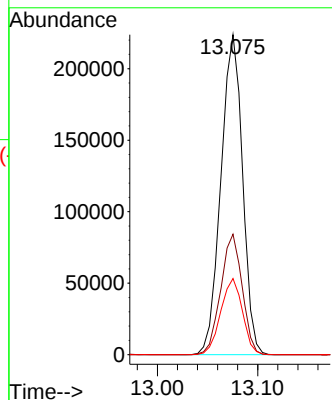
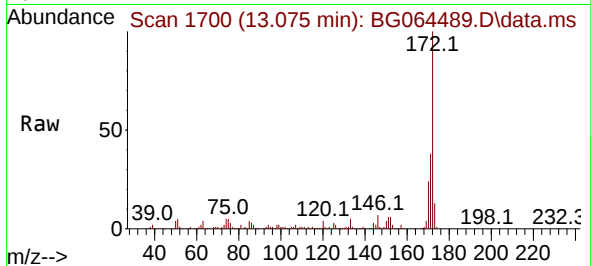




#45
2-Fluorobiphenyl
Concen: 91.796 ng
RT: 13.075 min Scan# 1700
Delta R.T. 0.008 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

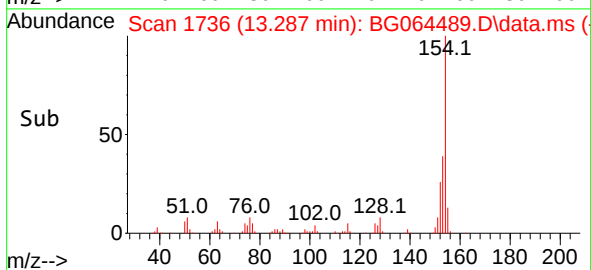
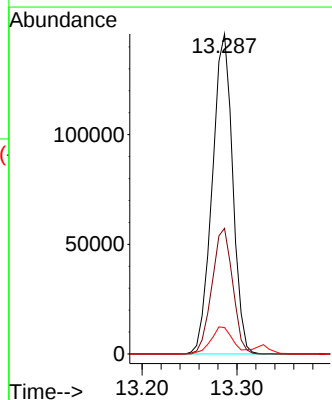
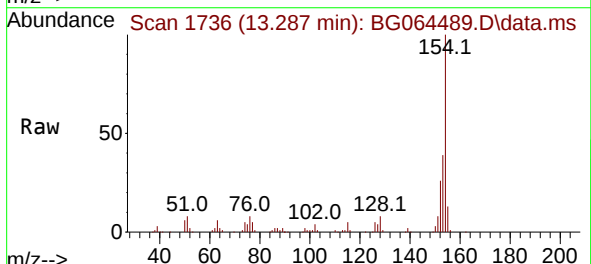
Instrument :
BNA_G
ClientSampleId :
PB169973BS

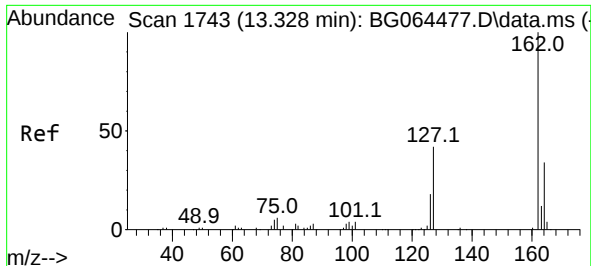
Tgt Ion:172 Resp: 334812
Ion Ratio Lower Upper
172 100
171 37.7 29.6 44.4
170 23.8 20.2 30.2



#46
1,1'-Biphenyl
Concen: 56.402 ng
RT: 13.287 min Scan# 1736
Delta R.T. 0.008 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

Tgt Ion:154 Resp: 218091
Ion Ratio Lower Upper
154 100
153 39.2 20.7 60.7
76 8.3 0.0 29.3

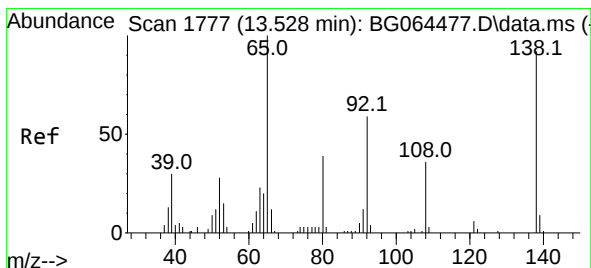
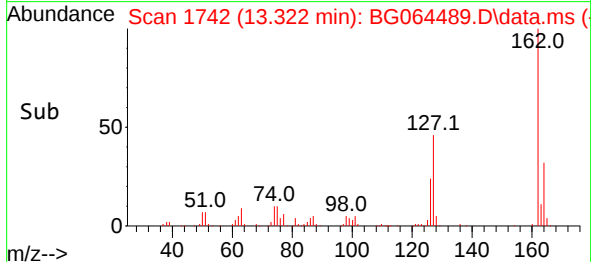
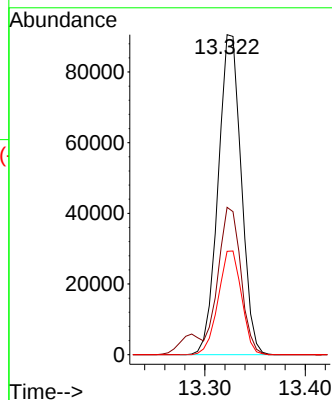
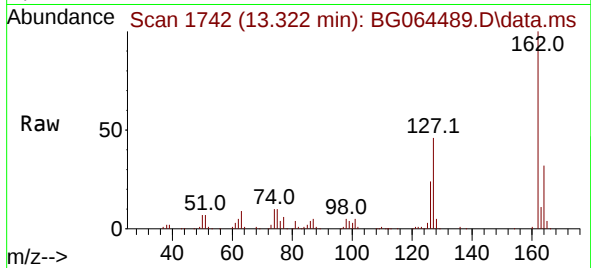




#47
2-Chloronaphthalene
Concen: 50.112 ng
RT: 13.322 min Scan# 1743
Delta R.T. 0.002 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

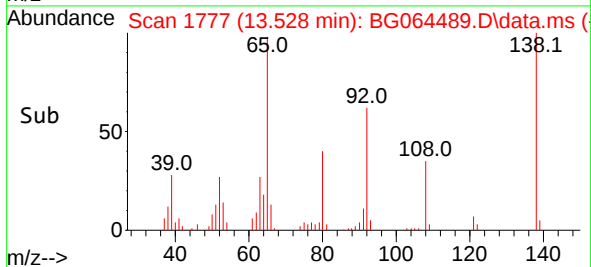
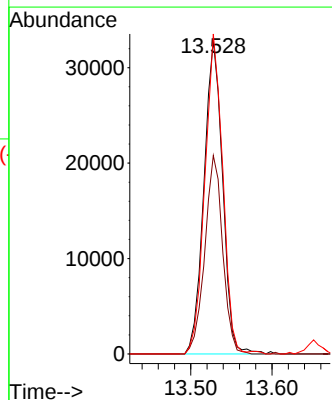
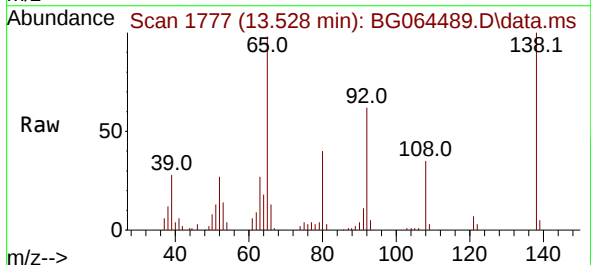
Instrument :
BNA_G
ClientSampleId :
PB169973BS

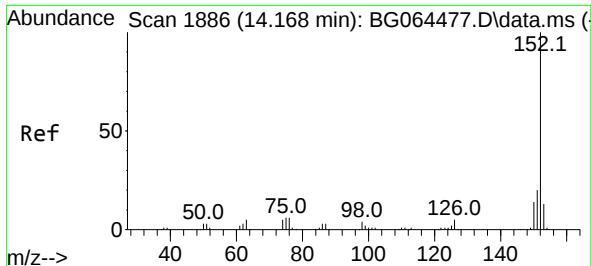
Tgt Ion:162 Resp: 144673
Ion Ratio Lower Upper
162 100
127 46.0 35.8 53.8
164 32.3 27.2 40.8



#48
2-Nitroaniline
Concen: 53.007 ng
RT: 13.528 min Scan# 1777
Delta R.T. 0.002 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

Tgt Ion: 65 Resp: 52229
Ion Ratio Lower Upper
65 100
92 63.3 47.0 70.6
138 102.0 73.5 110.3

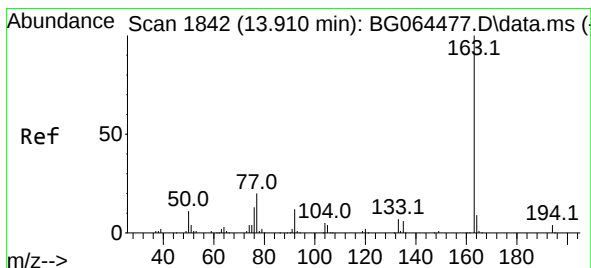
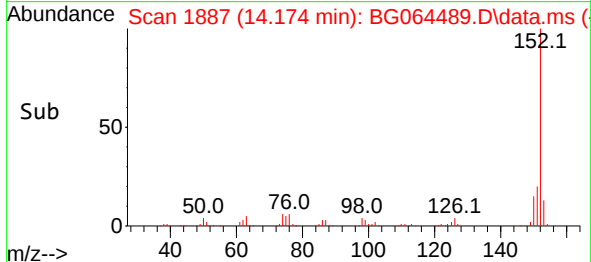
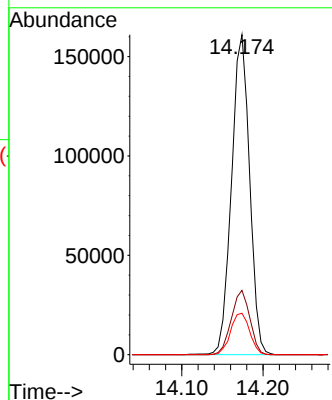
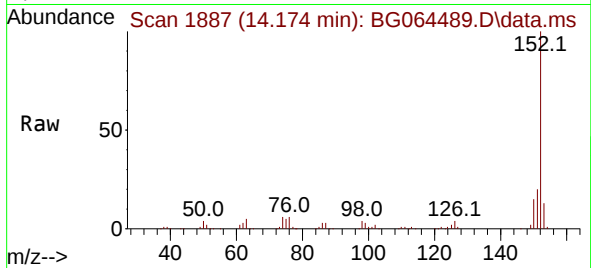




#49
Acenaphthylene
Concen: 57.947 ng
RT: 14.174 min Scan# 1887
Delta R.T. 0.002 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

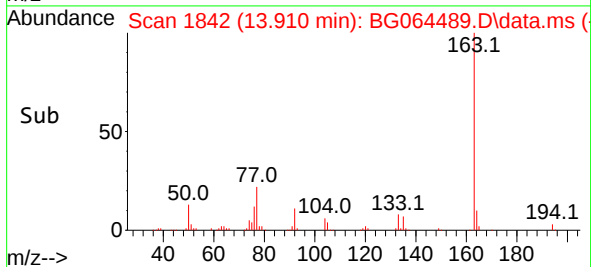
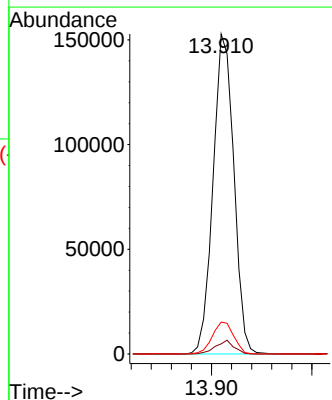
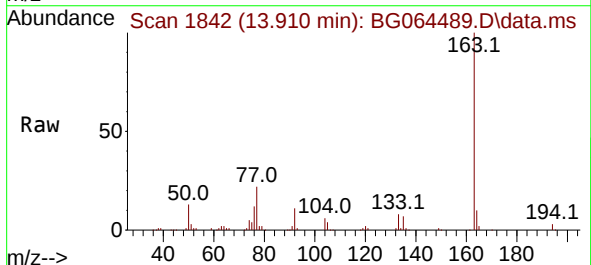
Instrument :
BNA_G
ClientSampleId :
PB169973BS

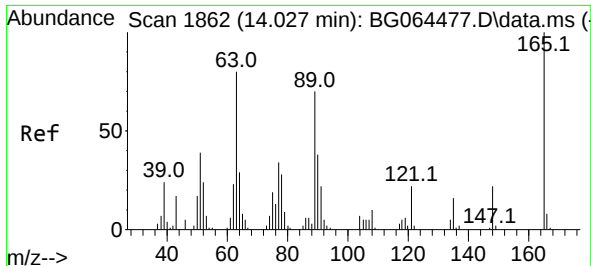
Tgt Ion:152 Resp: 248338
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.6
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 52.087 ng
RT: 13.910 min Scan# 1842
Delta R.T. 0.008 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

Tgt Ion:163 Resp: 219320
Ion Ratio Lower Upper
163 100
194 3.2 2.9 4.3
164 9.9 7.4 11.0

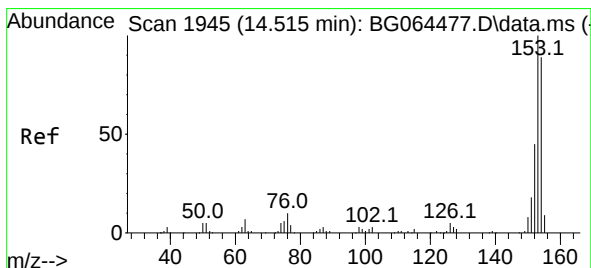
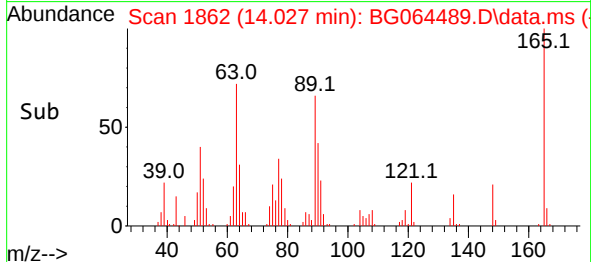
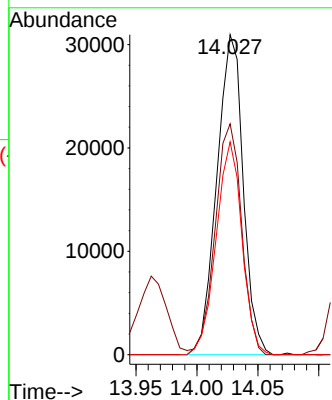
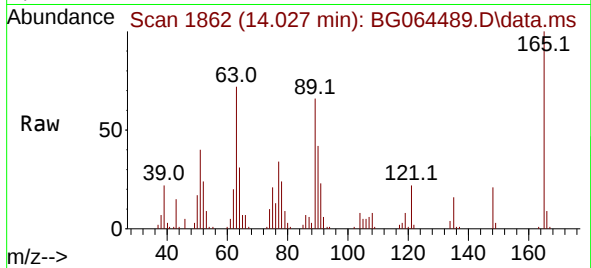




#51
2,6-Dinitrotoluene
Concen: 53.043 ng
RT: 14.027 min Scan# 1862
Delta R.T. 0.008 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

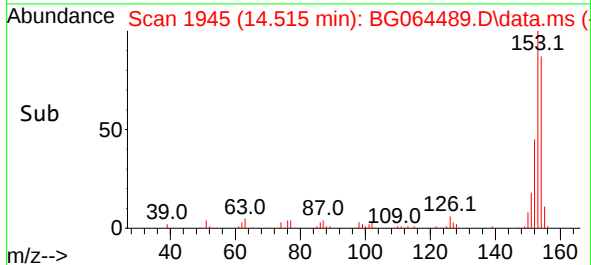
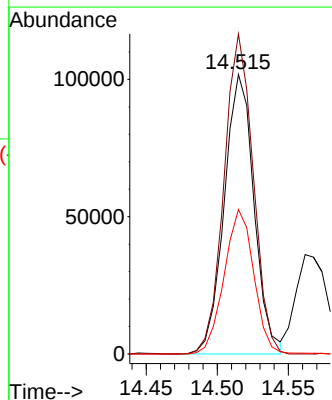
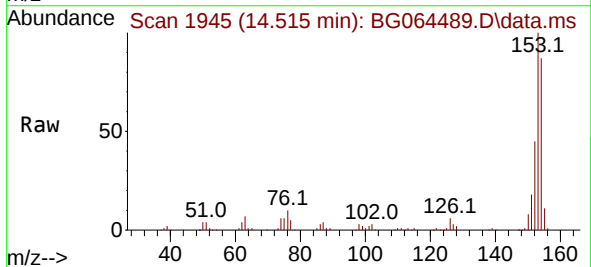
Instrument :
BNA_G
ClientSampleId :
PB169973BS

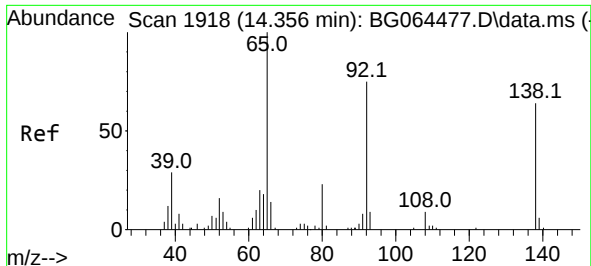
Tgt Ion:165 Resp: 46526
Ion Ratio Lower Upper
165 100
63 72.2 63.9 95.9
89 66.5 56.1 84.1



#52
Acenaphthene
Concen: 49.831 ng
RT: 14.515 min Scan# 1945
Delta R.T. 0.002 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

Tgt Ion:154 Resp: 148370
Ion Ratio Lower Upper
154 100
153 114.5 90.2 135.4
152 51.7 40.2 60.4

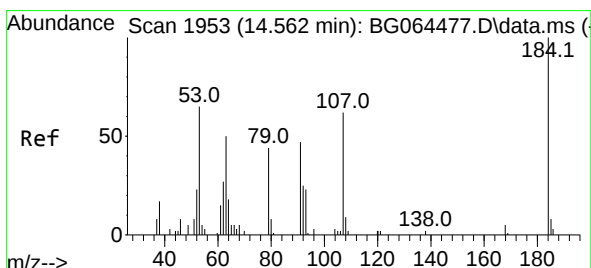
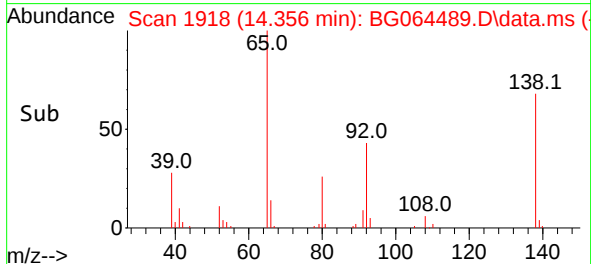
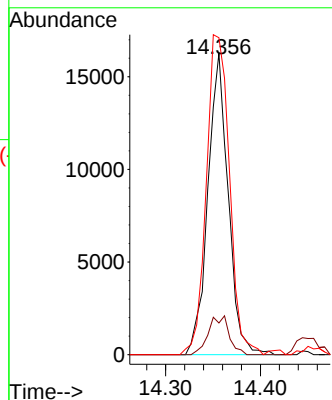
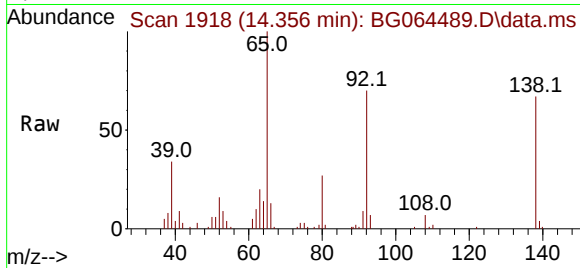




#53
3-Nitroaniline
Concen: 30.021 ng
RT: 14.356 min Scan# 1918
Delta R.T. 0.008 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

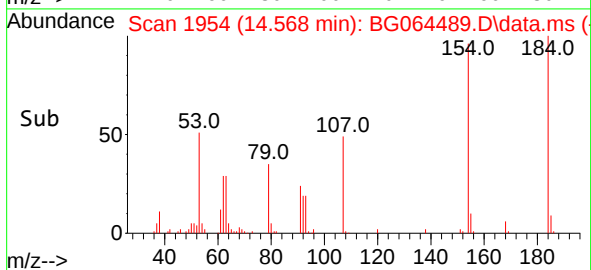
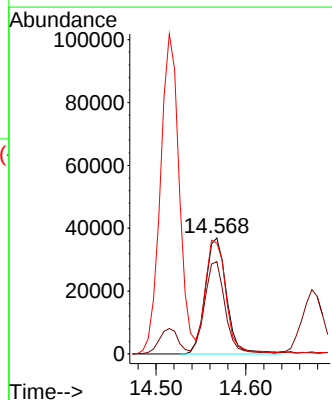
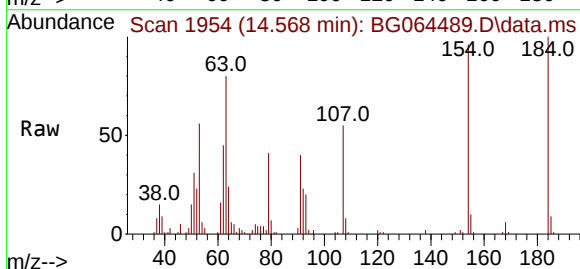
Instrument :
BNA_G
ClientSampleId :
PB169973BS

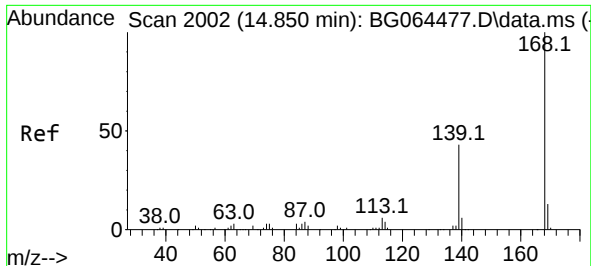
Tgt Ion:138 Resp: 24285
Ion Ratio Lower Upper
138 100
108 10.5 10.6 15.8#
92 105.2 93.2 139.8



#54
2,4-Dinitrophenol
Concen: 95.491 ng
RT: 14.568 min Scan# 1954
Delta R.T. 0.002 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

Tgt Ion:184 Resp: 60734
Ion Ratio Lower Upper
184 100
63 79.6 69.0 103.4
154 95.5 95.6 143.4#

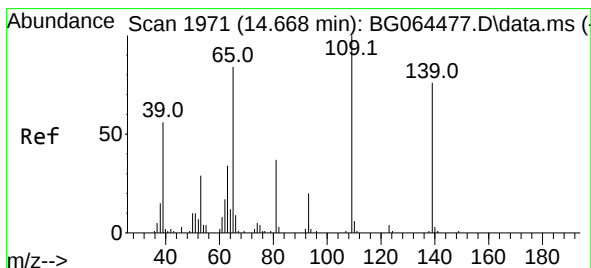
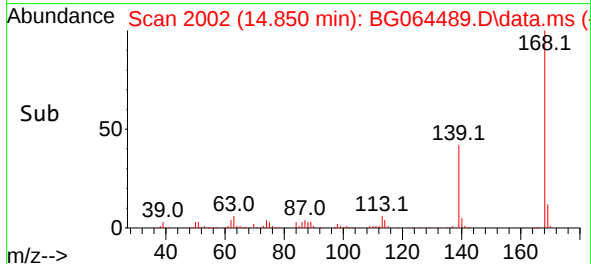
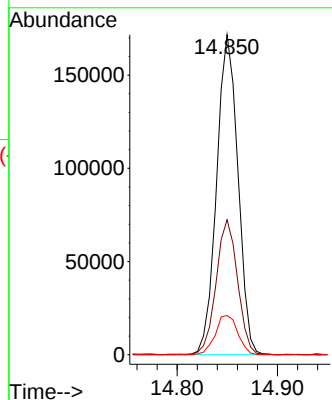
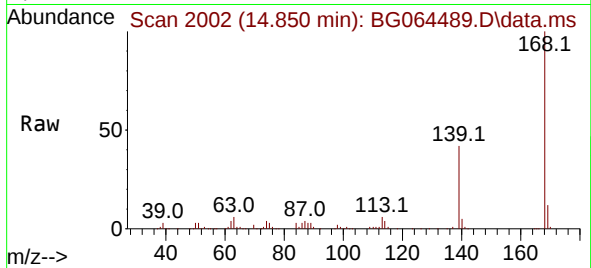




#55
Dibenzofuran
Concen: 51.403 ng
RT: 14.850 min Scan# 2002
Delta R.T. 0.002 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

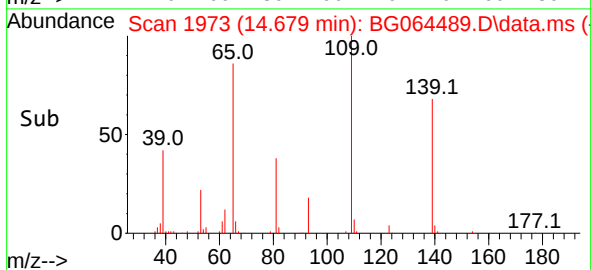
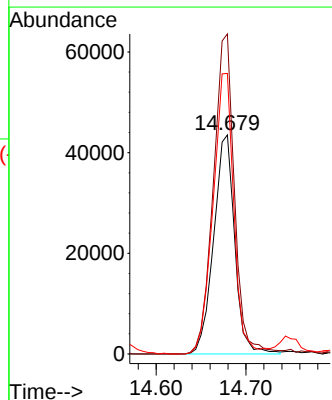
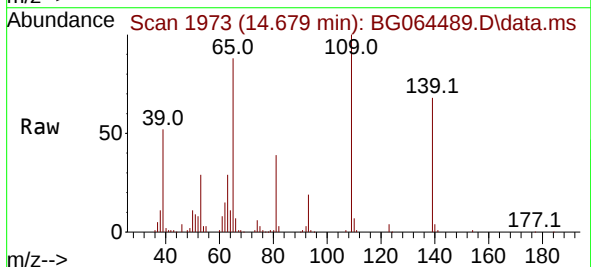
Instrument :
BNA_G
ClientSampleId :
PB169973BS

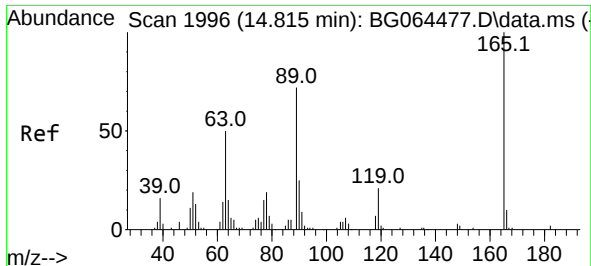
Tgt Ion:168 Resp: 252708
Ion Ratio Lower Upper
168 100
139 42.1 34.0 51.0
169 12.2 10.2 15.2



#56
4-Nitrophenol
Concen: 110.857 ng
RT: 14.679 min Scan# 1973
Delta R.T. 0.014 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

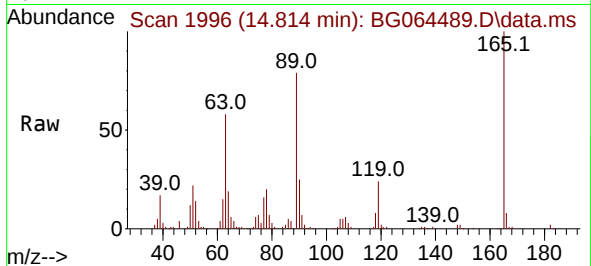
Tgt Ion:139 Resp: 70603
Ion Ratio Lower Upper
139 100
109 146.1 111.8 151.8
65 128.1 91.1 131.1



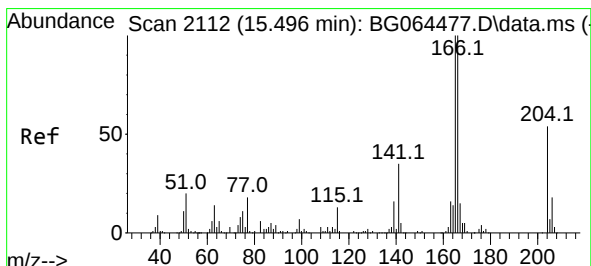
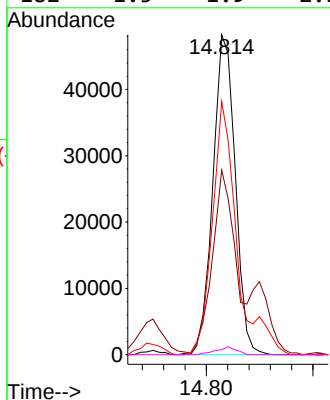
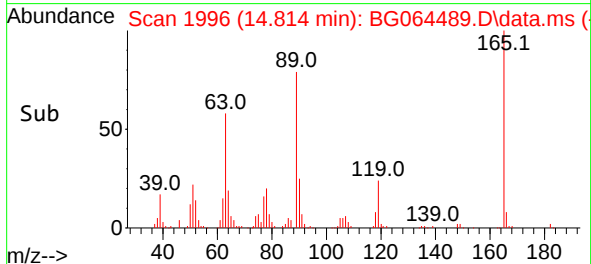


#57
2,4-Dinitrotoluene
Concen: 52.240 ng
RT: 14.814 min Scan# 1996
Delta R.T. 0.002 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

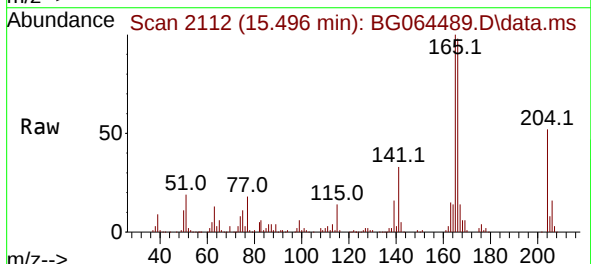
Instrument :
BNA_G
ClientSampleId :
PB169973BS



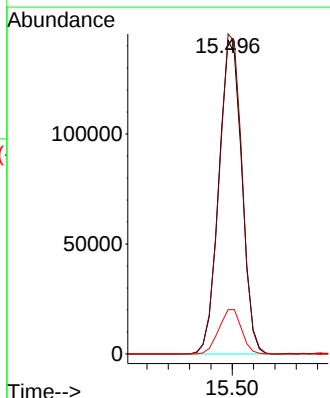
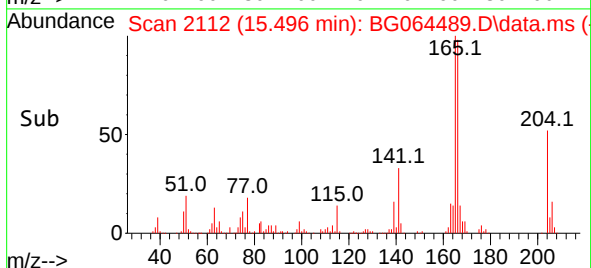
Tgt Ion:165 Resp: 70046
Ion Ratio Lower Upper
165 100
63 57.6 40.4 60.6
89 79.1 57.3 85.9
182 1.5 1.9 2.9#

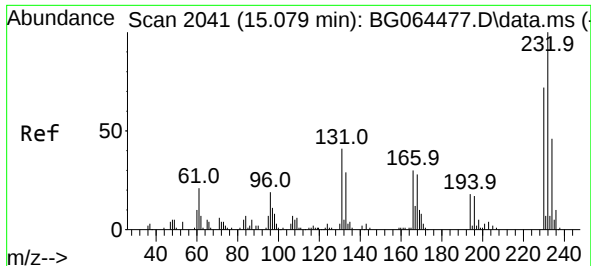


#58
Fluorene
Concen: 52.080 ng
RT: 15.496 min Scan# 2112
Delta R.T. 0.002 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16



Tgt Ion:166 Resp: 212852
Ion Ratio Lower Upper
166 100
165 102.0 79.8 119.6
167 14.1 11.7 17.5

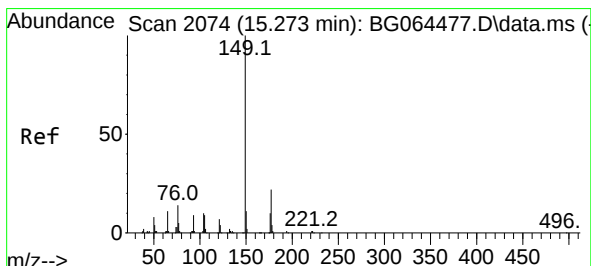
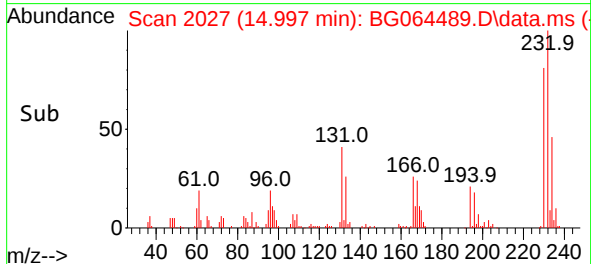
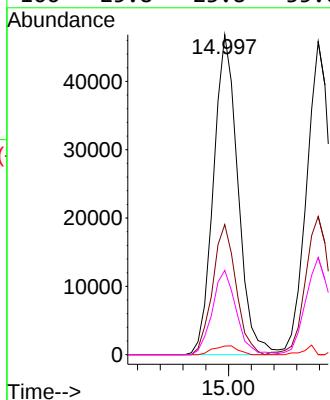
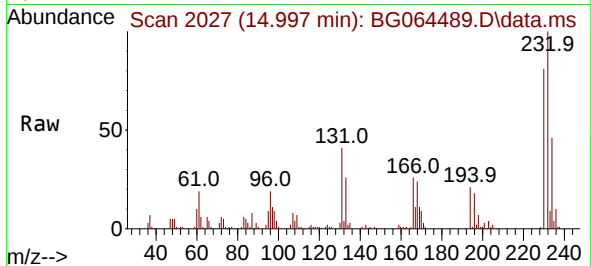




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.375 ng
RT: 14.997 min Scan# 2041
Delta R.T. -0.074 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

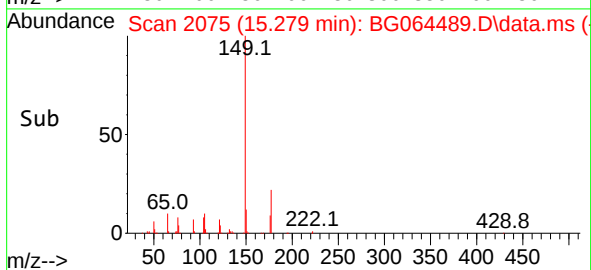
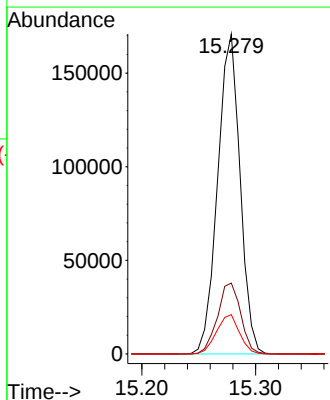
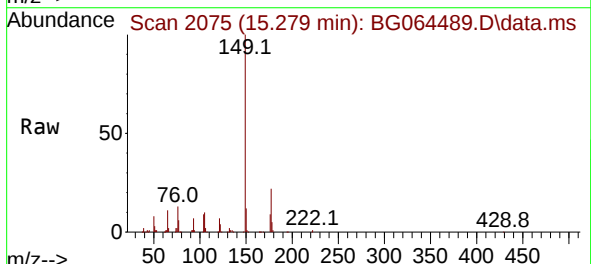
Instrument :
BNA_G
ClientSampleId :
PB169973BS

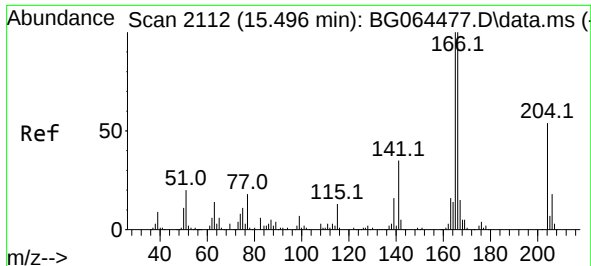
Tgt Ion:232 Resp: 70013
Ion Ratio Lower Upper
232 100
131 38.8 35.0 52.4
130 2.8 2.0 3.0
166 25.8 23.8 35.6



#60
Diethylphthalate
Concen: 51.761 ng
RT: 15.279 min Scan# 2075
Delta R.T. 0.008 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

Tgt Ion:149 Resp: 233804
Ion Ratio Lower Upper
149 100
177 22.1 17.4 26.0
150 12.3 9.1 13.7





#61
4-Chlorophenyl-phenylether
Concen: 50.374 ng
RT: 15.496 min Scan# 2112
Delta R.T. 0.008 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

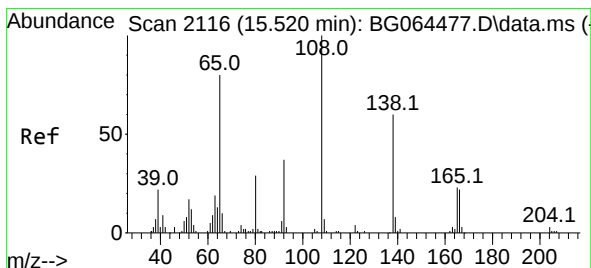
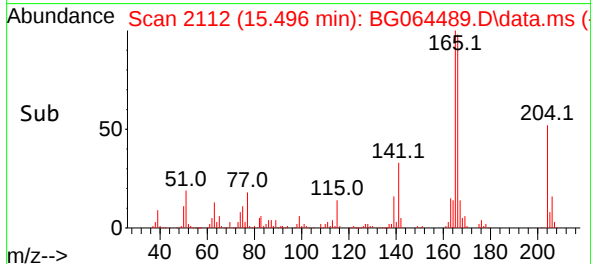
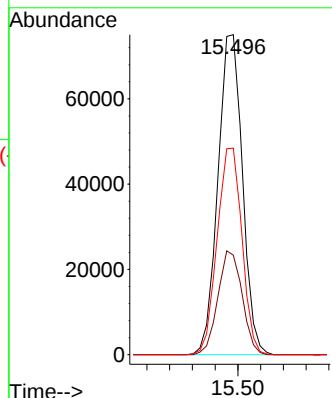
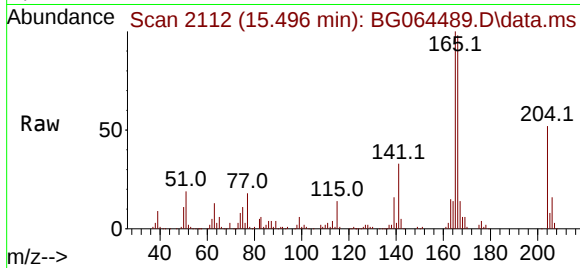
Instrument :

BNA_G

ClientSampleId :

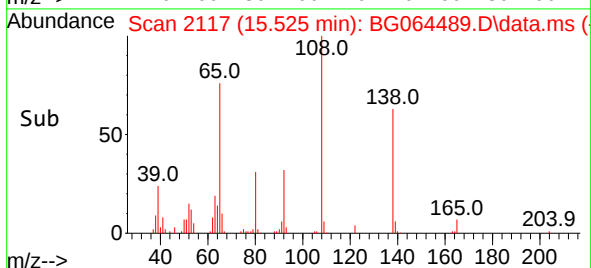
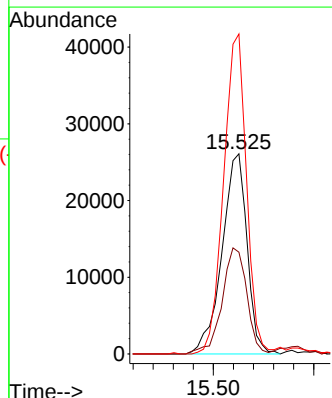
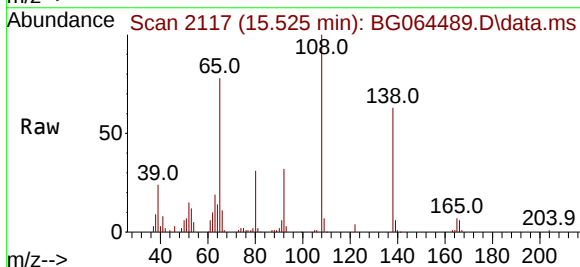
PB169973BS

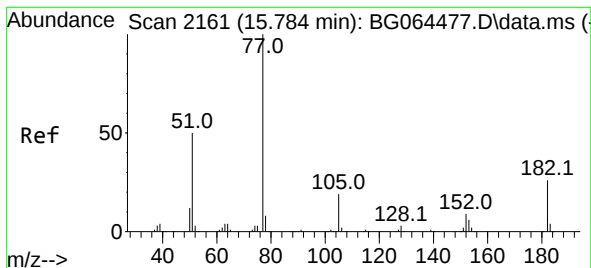
Tgt Ion:204 Resp: 112399
Ion Ratio Lower Upper
204 100
206 31.1 27.1 40.7
141 64.5 51.5 77.3



#62
4-Nitroaniline
Concen: 53.529 ng
RT: 15.525 min Scan# 2117
Delta R.T. 0.014 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

Tgt Ion:138 Resp: 45131
Ion Ratio Lower Upper
138 100
92 50.8 42.3 82.3
108 159.9 147.7 187.7





#63

Azobenzene

Concen: 52.357 ng

RT: 15.784 min Scan# 2161

Delta R.T. 0.002 min

Lab File: BG064489.D

Acq: 3 Oct 2025 16:16

Instrument :

BNA_G

ClientSampleId :

PB169973BS

Tgt Ion: 77 Resp: 183158

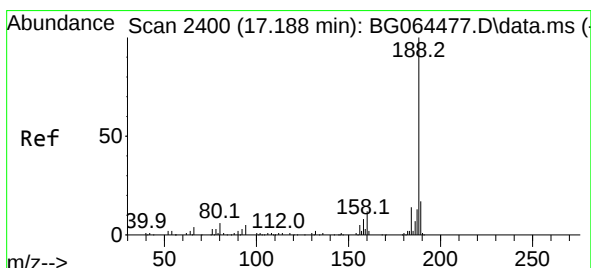
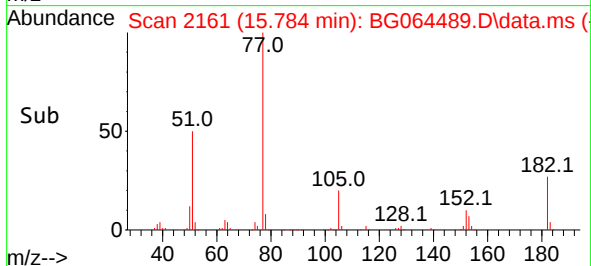
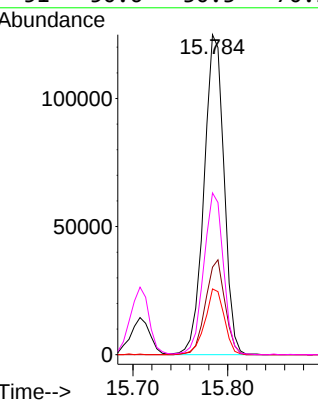
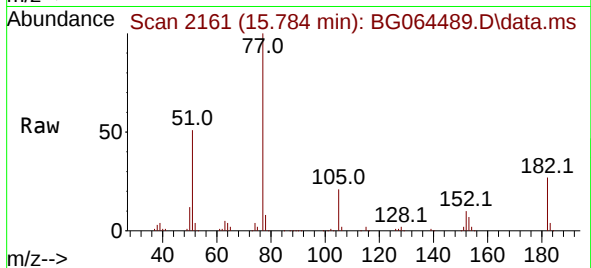
Ion Ratio Lower Upper

77 100

182 27.4 6.3 46.3

105 20.5 0.0 38.7

51 50.6 30.3 70.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.188 min Scan# 2400

Delta R.T. 0.002 min

Lab File: BG064489.D

Acq: 3 Oct 2025 16:16

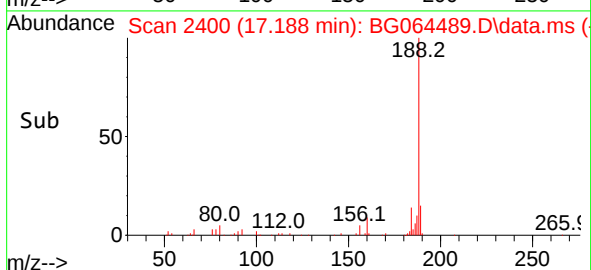
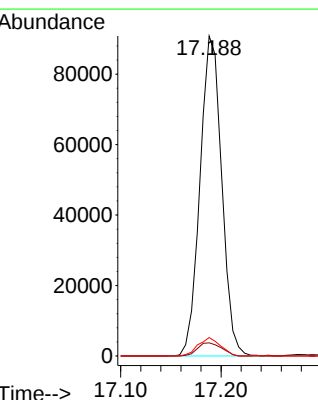
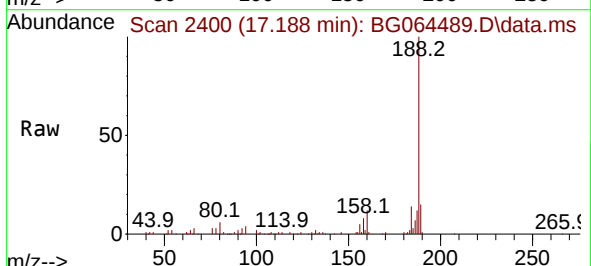
Tgt Ion:188 Resp: 136086

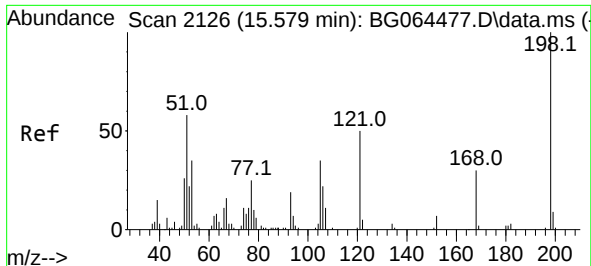
Ion Ratio Lower Upper

188 100

94 4.1 3.7 5.5

80 5.8 4.5 6.7

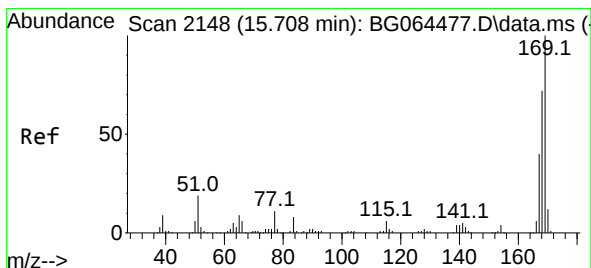
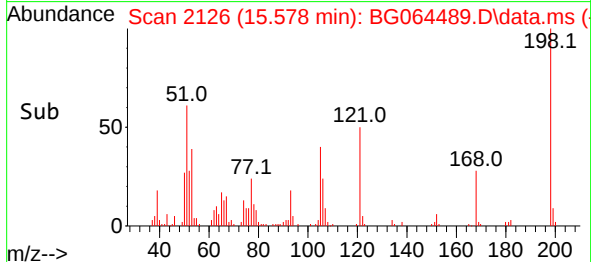
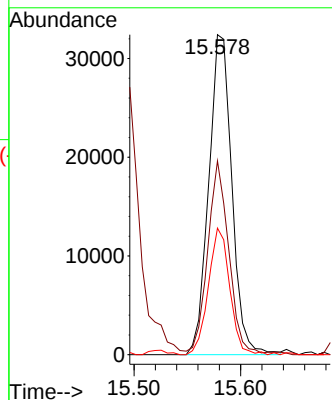
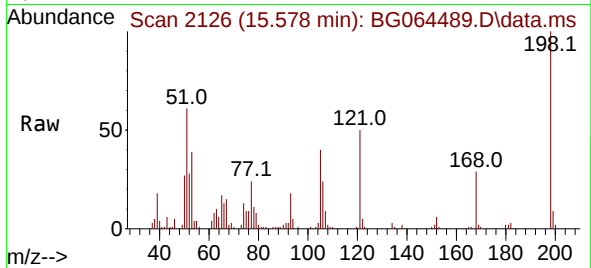




#65
4,6-Dinitro-2-methylphenol
Concen: 51.538 ng
RT: 15.578 min Scan# 2126
Delta R.T. 0.002 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

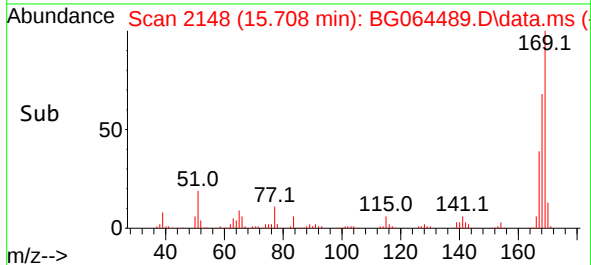
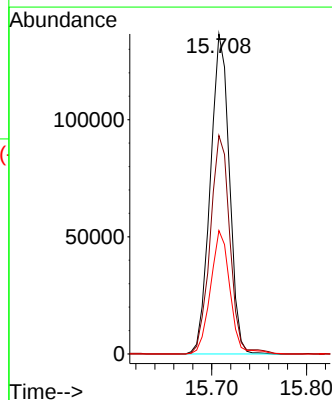
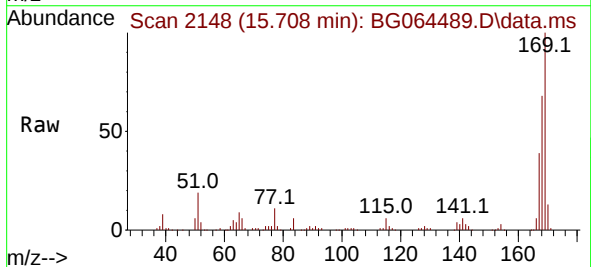
Instrument :
BNA_G
ClientSampleId :
PB169973BS

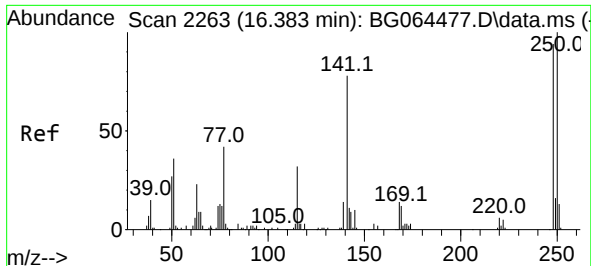
Tgt Ion:198 Resp: 48834
Ion Ratio Lower Upper
198 100
51 60.5 39.0 79.0
105 39.6 15.8 55.8



#66
n-Nitrosodiphenylamine
Concen: 52.341 ng
RT: 15.708 min Scan# 2148
Delta R.T. 0.002 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

Tgt Ion:169 Resp: 190210
Ion Ratio Lower Upper
169 100
168 68.3 57.8 86.6
167 38.6 31.7 47.5

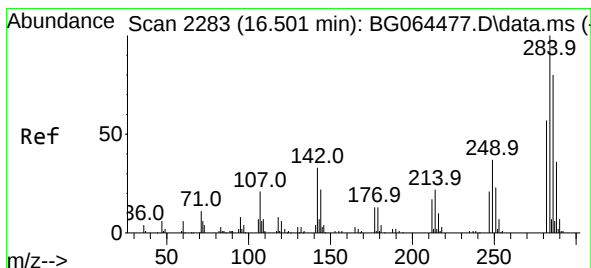
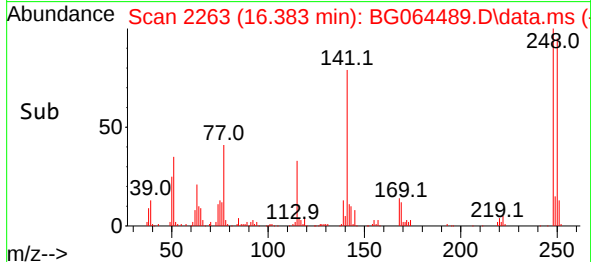
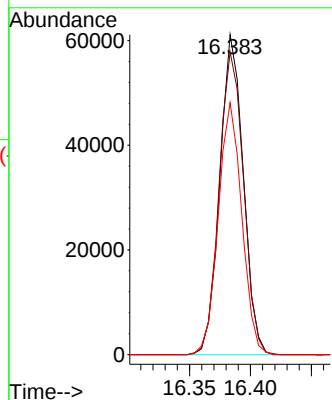
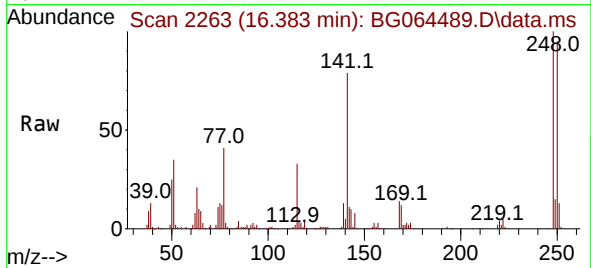




#67
4-Bromophenyl-phenylether
Concen: 51.049 ng
RT: 16.383 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

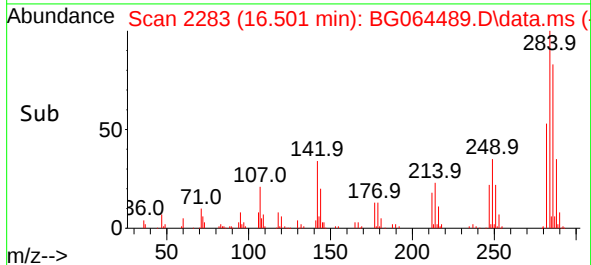
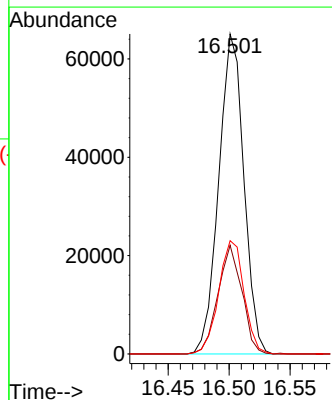
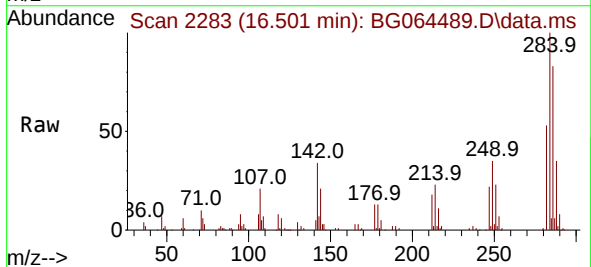
Instrument :
BNA_G
ClientSampleId :
PB169973BS

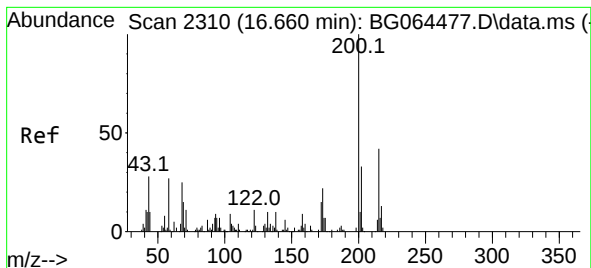
Tgt Ion:248 Resp: 81751
Ion Ratio Lower Upper
248 100
250 94.6 85.3 127.9
141 78.8 66.2 99.2



#68
Hexachlorobenzene
Concen: 50.789 ng
RT: 16.501 min Scan# 2283
Delta R.T. 0.002 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

Tgt Ion:284 Resp: 93070
Ion Ratio Lower Upper
284 100
142 34.0 26.2 39.2
249 35.4 29.4 44.0





#69

Atrazine

Concen: 55.031 ng

RT: 16.659 min Scan# 21

Delta R.T. 0.008 min

Lab File: BG064489.D

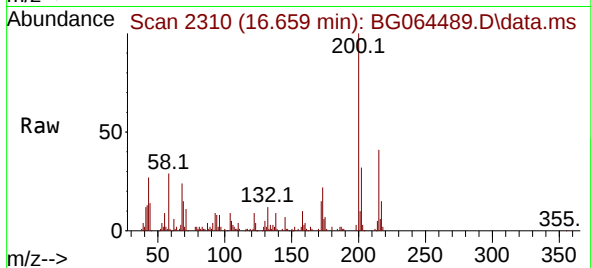
Acq: 3 Oct 2025 16:16

Instrument :

BNA_G

ClientSampleId :

PB169973BS



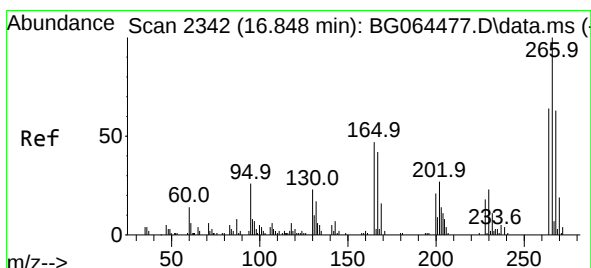
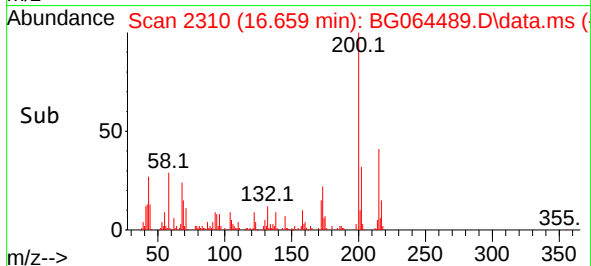
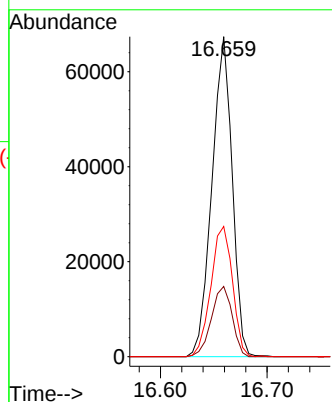
Tgt Ion:200 Resp: 88975

Ion Ratio Lower Upper

200 100

173 21.9 2.5 42.5

215 40.7 21.5 61.5



#70

Pentachlorophenol

Concen: 106.438 ng

RT: 16.847 min Scan# 2342

Delta R.T. 0.002 min

Lab File: BG064489.D

Acq: 3 Oct 2025 16:16

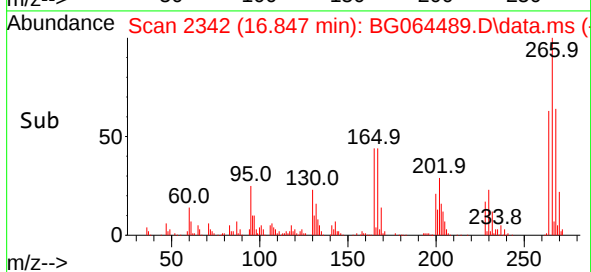
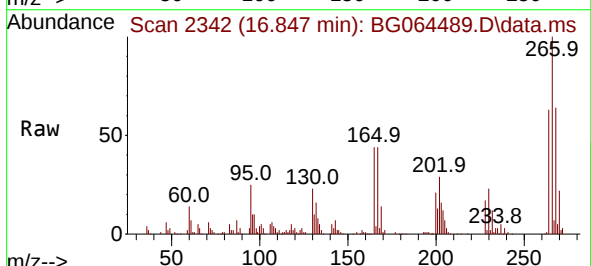
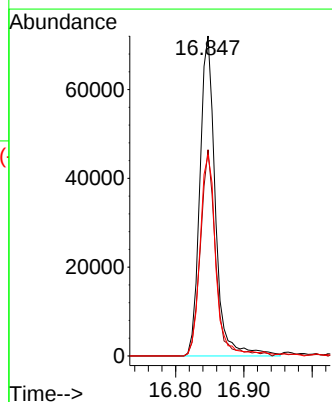
Tgt Ion:266 Resp: 114041

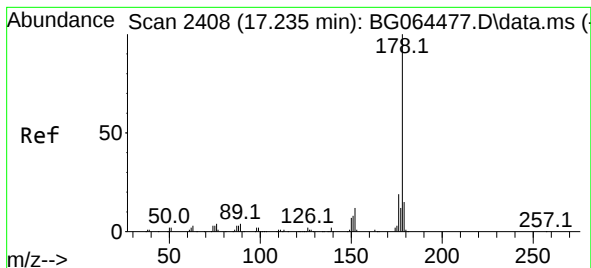
Ion Ratio Lower Upper

266 100

268 64.5 50.6 75.8

264 62.8 51.2 76.8





#71

Phenanthrene

Concen: 51.635 ng

RT: 17.235 min Scan# 2408

Delta R.T. 0.008 min

Lab File: BG064489.D

Acq: 3 Oct 2025 16:16

Instrument :

BNA_G

ClientSampleId :

PB169973BS

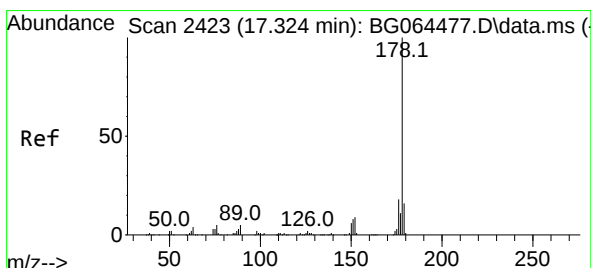
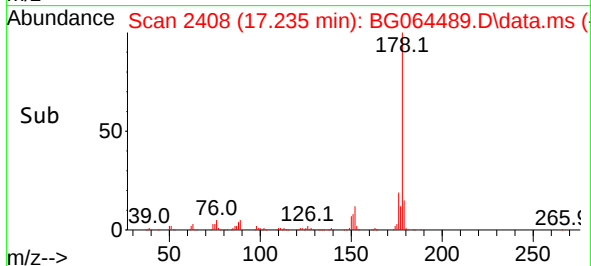
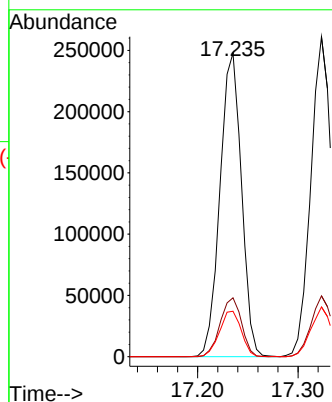
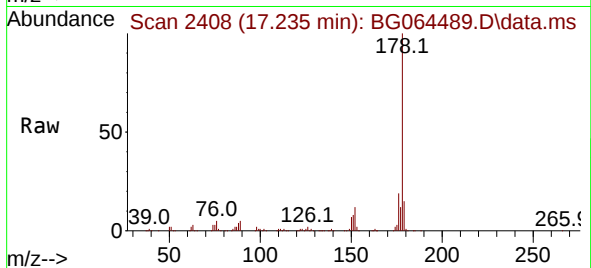
Tgt Ion:178 Resp: 367467

Ion Ratio Lower Upper

178 100

176 19.4 15.2 22.8

179 14.9 11.8 17.6



#72

Anthracene

Concen: 52.985 ng

RT: 17.323 min Scan# 2423

Delta R.T. 0.002 min

Lab File: BG064489.D

Acq: 3 Oct 2025 16:16

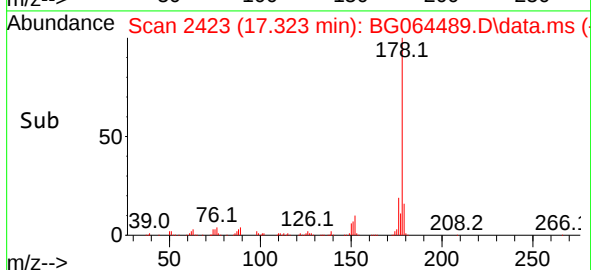
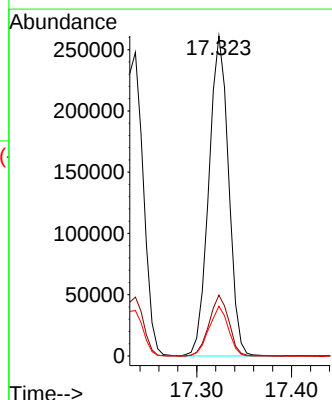
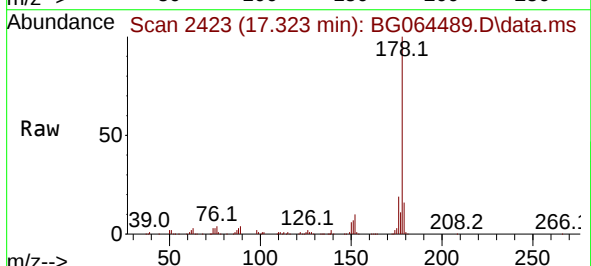
Tgt Ion:178 Resp: 378287

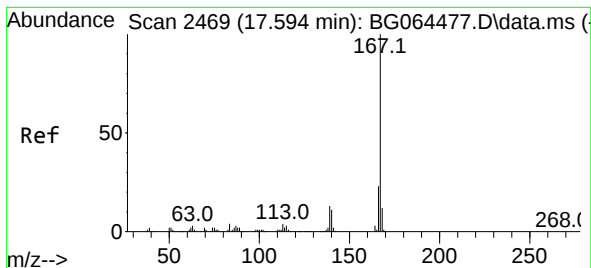
Ion Ratio Lower Upper

178 100

176 19.0 14.6 21.8

179 15.6 12.5 18.7





#73

Carbazole

Concen: 53.172 ng

RT: 17.594 min Scan# 2469

Delta R.T. 0.002 min

Lab File: BG064489.D

Acq: 3 Oct 2025 16:16

Instrument :

BNA_G

ClientSampleId :

PB169973BS

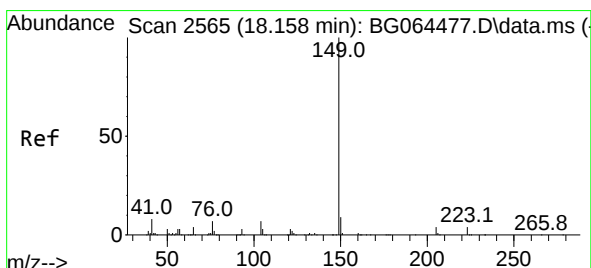
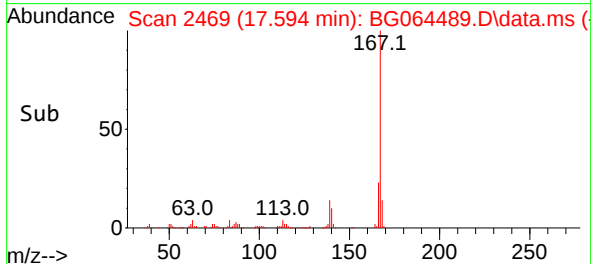
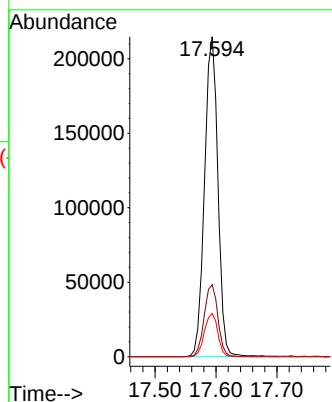
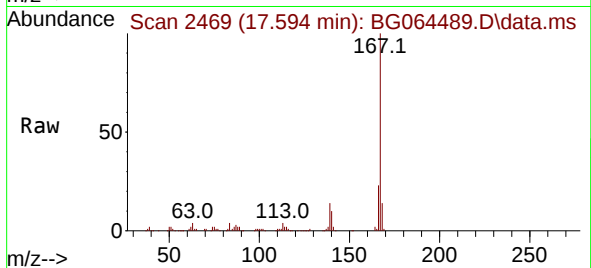
Tgt Ion:167 Resp: 328133

Ion Ratio Lower Upper

167 100

166 22.5 18.6 27.8

139 13.5 10.2 15.4



#74

Di-n-butylphthalate

Concen: 52.573 ng

RT: 18.158 min Scan# 2565

Delta R.T. 0.002 min

Lab File: BG064489.D

Acq: 3 Oct 2025 16:16

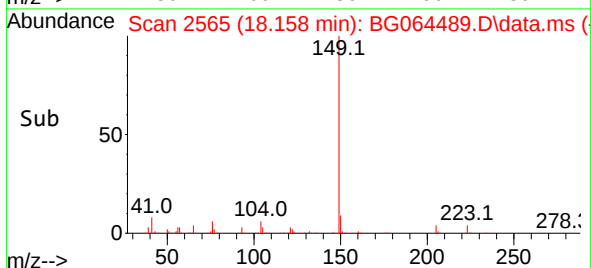
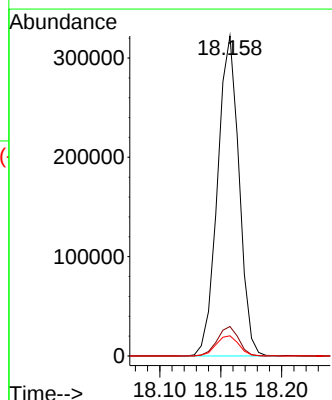
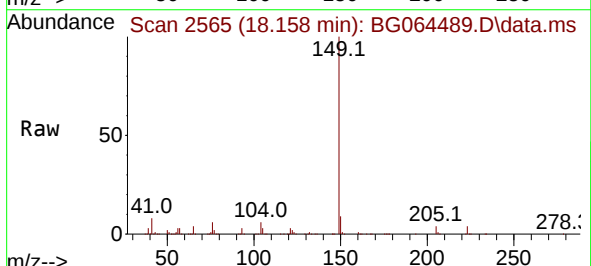
Tgt Ion:149 Resp: 396056

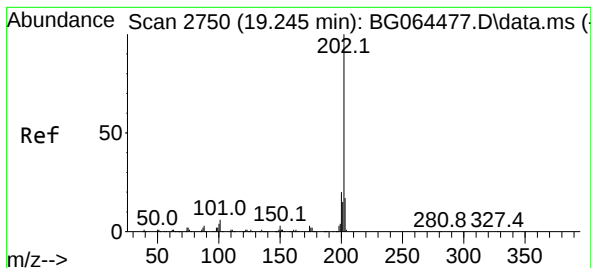
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 6.3 5.3 7.9





#75

Fluoranthene

Concen: 52.097 ng

RT: 19.245 min Scan# 21

Delta R.T. 0.008 min

Lab File: BG064489.D

Acq: 3 Oct 2025 16:16

Instrument :

BNA_G

ClientSampleId :

PB169973BS

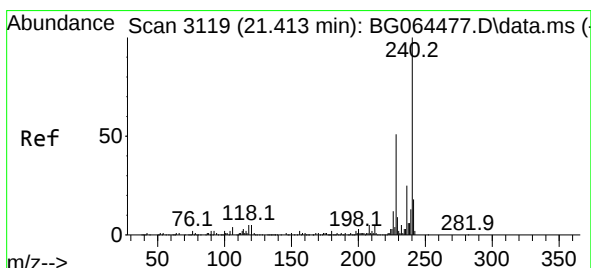
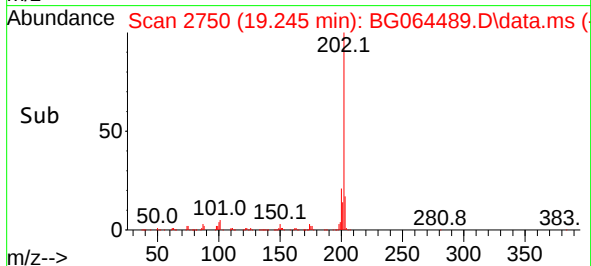
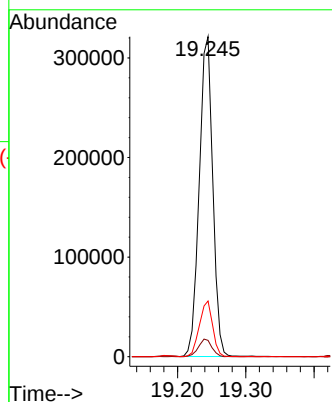
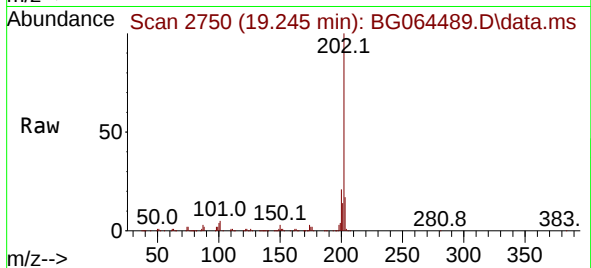
Tgt Ion:202 Resp: 442925

Ion Ratio Lower Upper

202 100

101 5.1 0.0 25.7

203 17.4 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: BG064489.D

Acq: 3 Oct 2025 16:16

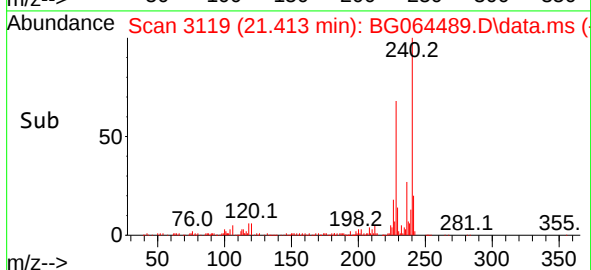
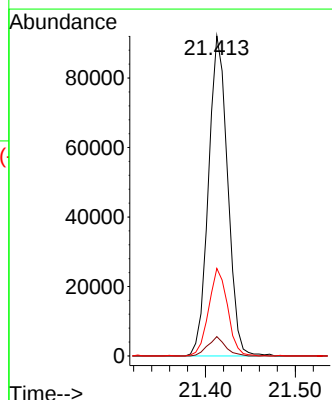
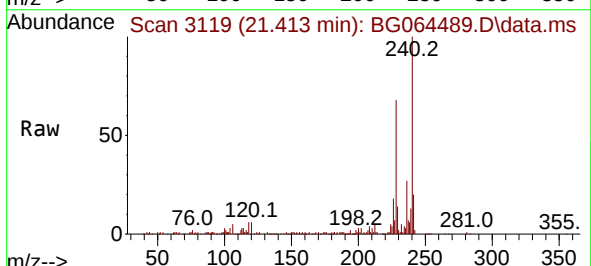
Tgt Ion:240 Resp: 136322

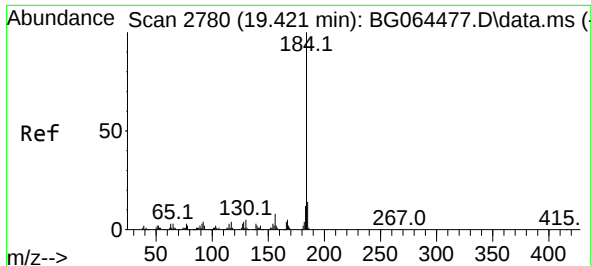
Ion Ratio Lower Upper

240 100

120 6.0 4.3 6.5

236 27.4 20.4 30.6

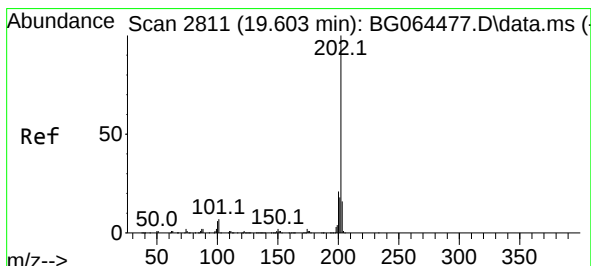
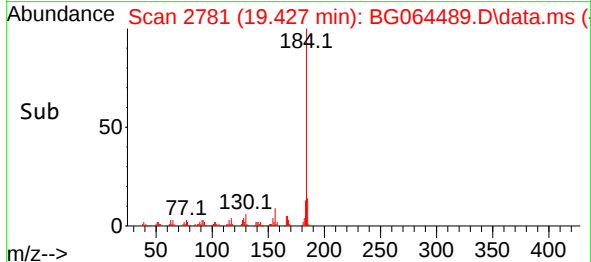
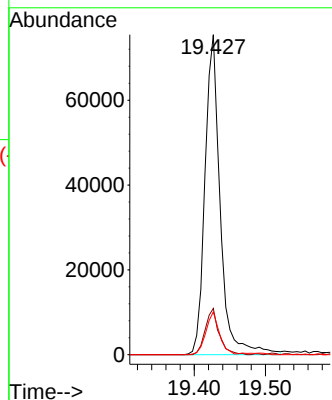
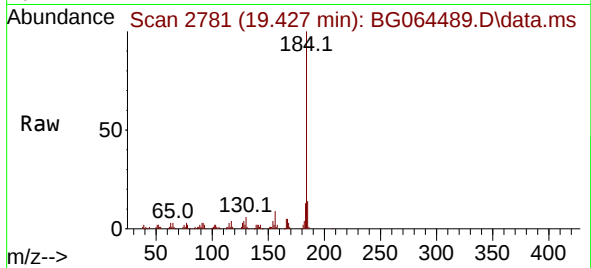




#77
Benzidine
Concen: 33.250 ng
RT: 19.427 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

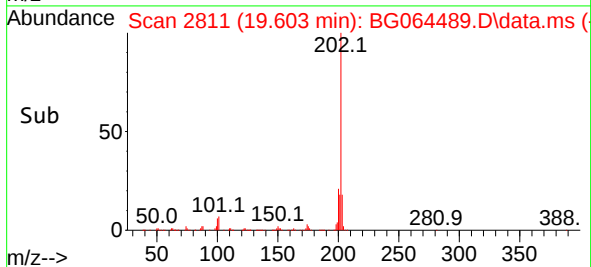
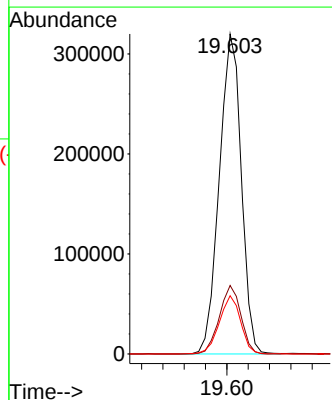
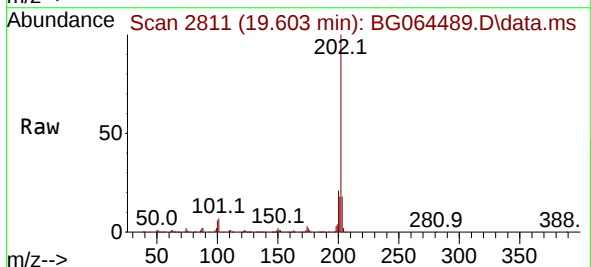
Instrument :
BNA_G
ClientSampleId :
PB169973BS

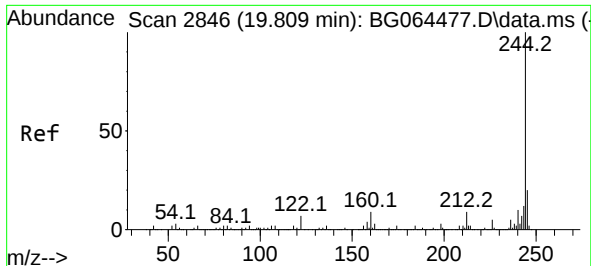
Tgt Ion:184 Resp: 112790
Ion Ratio Lower Upper
184 100
185 14.5 10.9 16.3
183 13.3 9.8 14.6



#78
Pyrene
Concen: 51.696 ng
RT: 19.603 min Scan# 2811
Delta R.T. 0.002 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

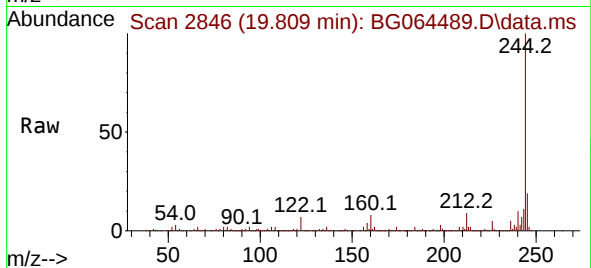
Tgt Ion:202 Resp: 457350
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 18.2 13.0 19.4



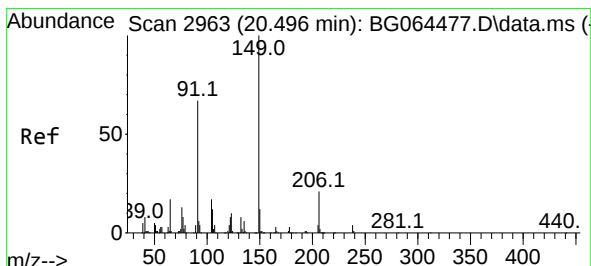
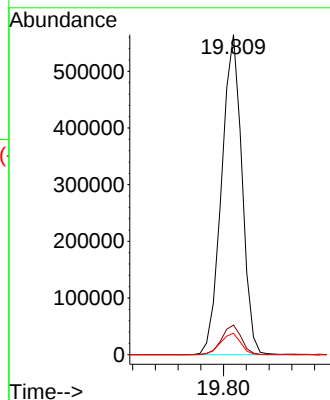
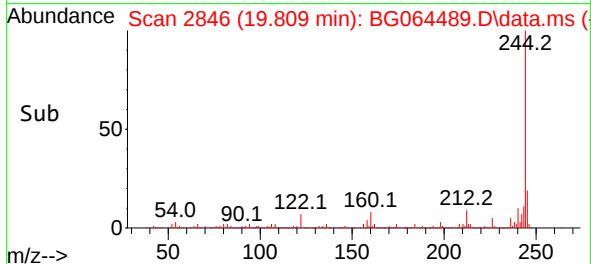


#79
 Terphenyl-d14
 Concen: 97.331 ng
 RT: 19.809 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG064489.D
 Acq: 3 Oct 2025 16:16

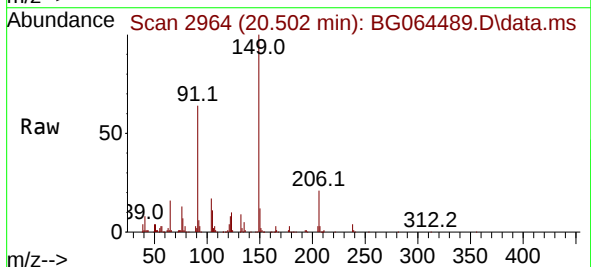
Instrument :
 BNA_G
 ClientSampleId :
 PB169973BS



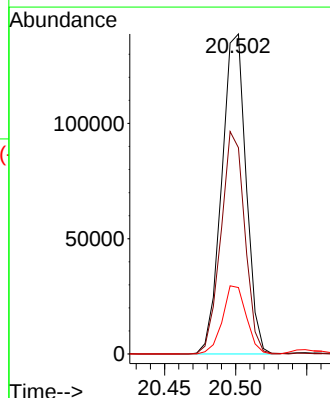
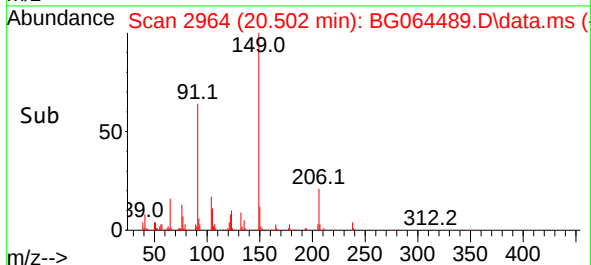
Tgt Ion:244 Resp: 701104
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.0 10.6
 122 6.7 5.6 8.4

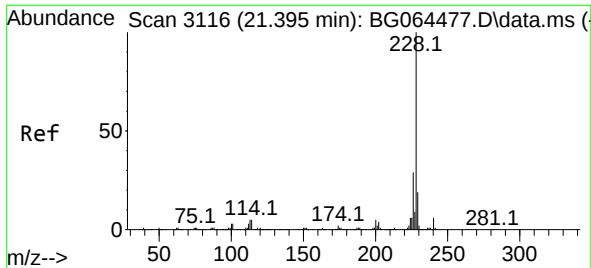


#80
 Butylbenzylphthalate
 Concen: 52.777 ng
 RT: 20.502 min Scan# 2964
 Delta R.T. 0.002 min
 Lab File: BG064489.D
 Acq: 3 Oct 2025 16:16



Tgt Ion:149 Resp: 165515
 Ion Ratio Lower Upper
 149 100
 91 64.5 53.7 80.5
 206 20.8 16.6 24.8

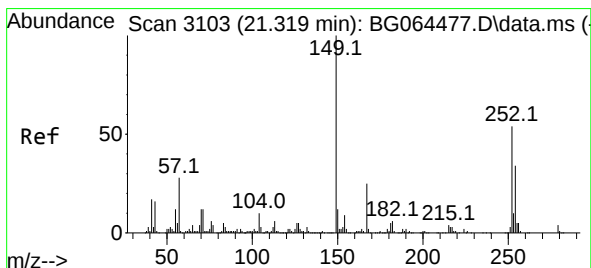
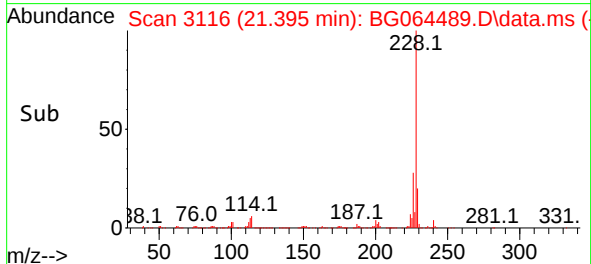
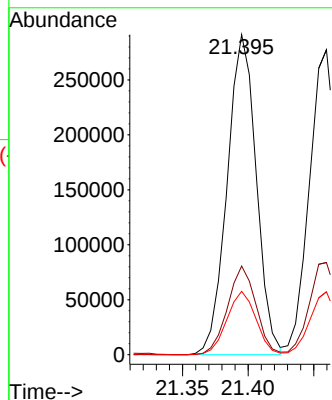
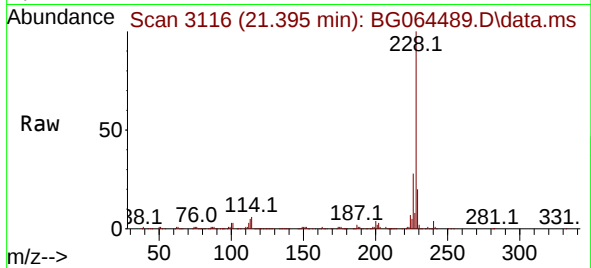




#81
Benzo(a)anthracene
Concen: 51.538 ng
RT: 21.395 min Scan# 3116
Delta R.T. 0.002 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

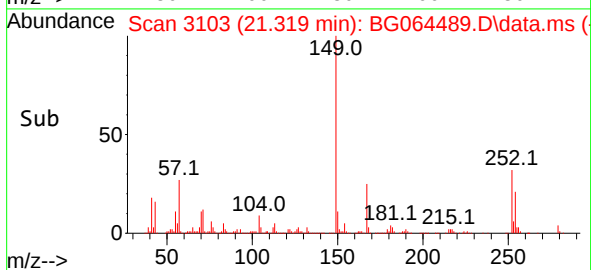
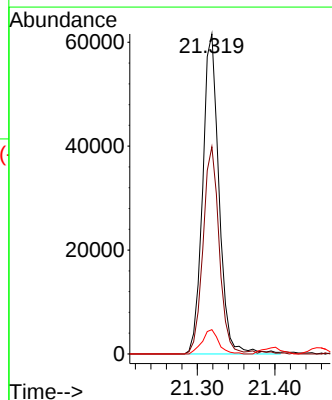
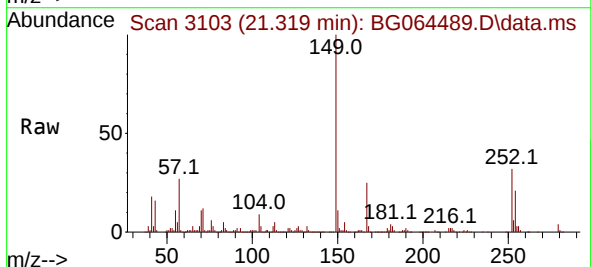
Instrument :
BNA_G
ClientSampleId :
PB169973BS

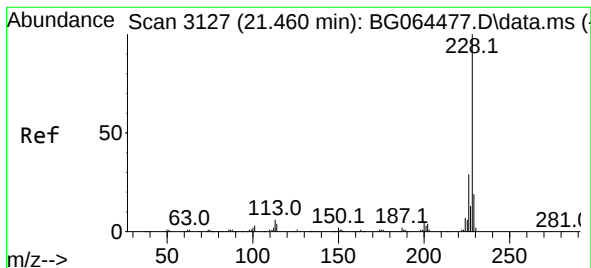
Tgt Ion:228 Resp: 448603
Ion Ratio Lower Upper
228 100
226 27.7 22.8 34.2
229 19.8 15.2 22.8



#82
3,3'-Dichlorobenzidine
Concen: 30.600 ng
RT: 21.319 min Scan# 3103
Delta R.T. 0.002 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

Tgt Ion:252 Resp: 90148
Ion Ratio Lower Upper
252 100
254 64.7 50.5 75.7
126 7.6 7.1 10.7





#83

Chrysene

Concen: 51.298 ng

RT: 21.460 min Scan# 3127

Delta R.T. 0.008 min

Lab File: BG064489.D

Acq: 3 Oct 2025 16:16

Instrument :

BNA_G

ClientSampleId :

PB169973BS

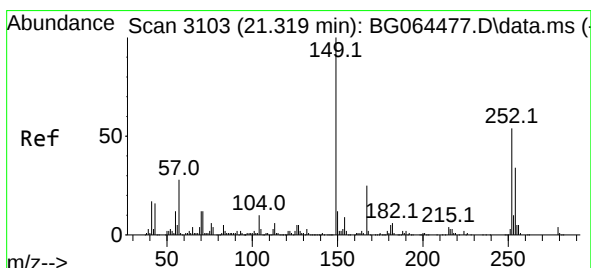
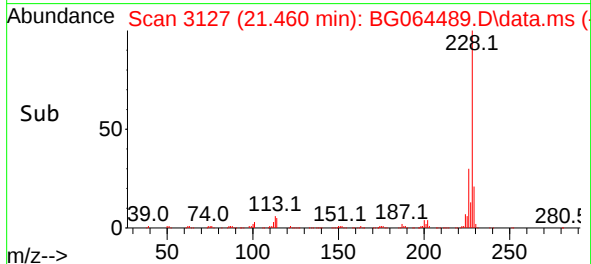
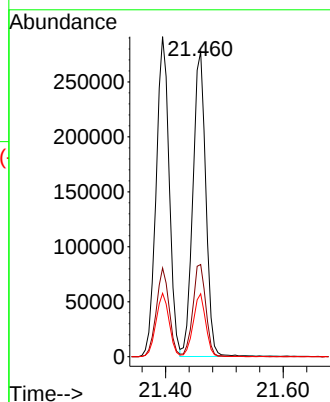
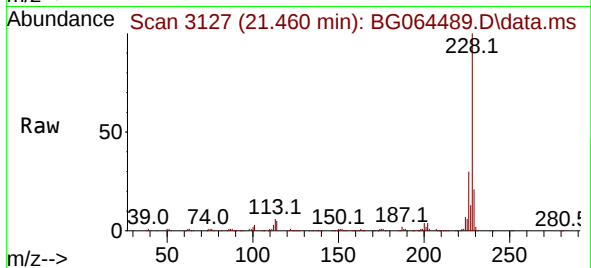
Tgt Ion:228 Resp: 423453

Ion Ratio Lower Upper

228 100

226 30.2 22.8 34.2

229 20.6 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.679 ng

RT: 21.319 min Scan# 3103

Delta R.T. 0.002 min

Lab File: BG064489.D

Acq: 3 Oct 2025 16:16

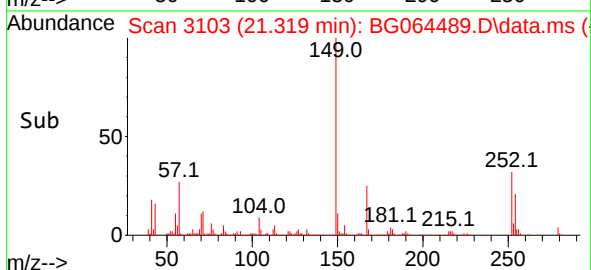
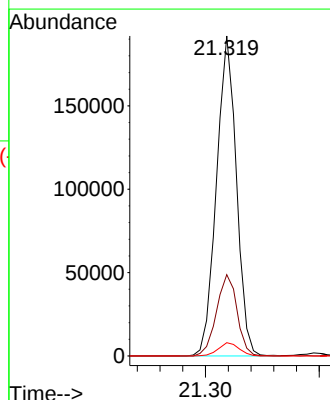
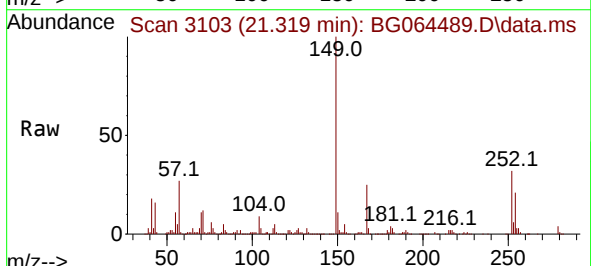
Tgt Ion:149 Resp: 233098

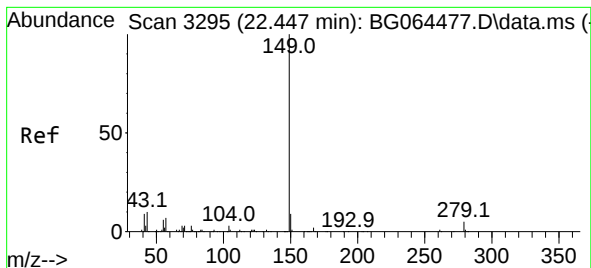
Ion Ratio Lower Upper

149 100

167 25.4 19.7 29.5

279 4.2 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 52.033 ng

RT: 22.441 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG064489.D

Acq: 3 Oct 2025 16:16

Instrument :

BNA_G

ClientSampleId :

PB169973BS

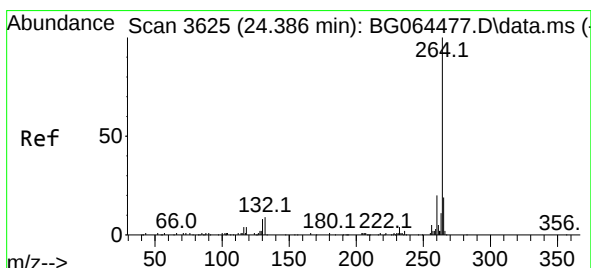
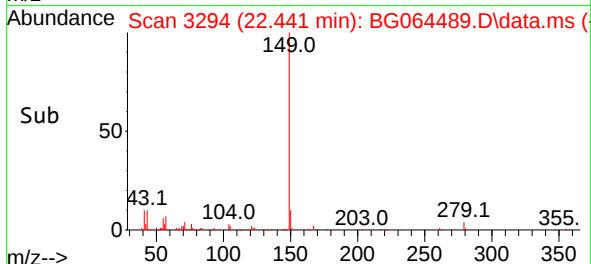
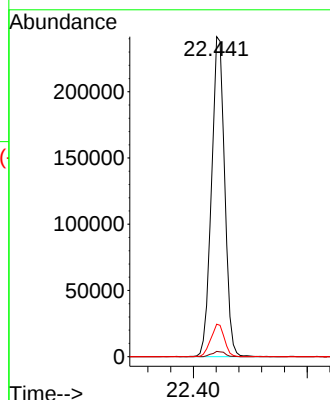
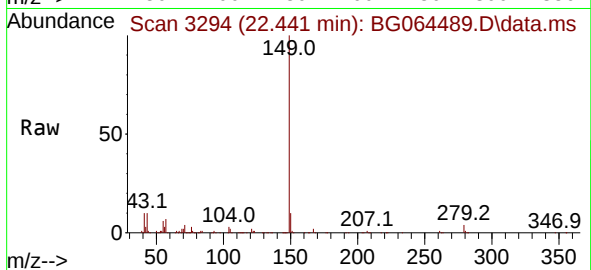
Tgt Ion:149 Resp: 386957

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 10.4 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.391 min Scan# 3626

Delta R.T. 0.002 min

Lab File: BG064489.D

Acq: 3 Oct 2025 16:16

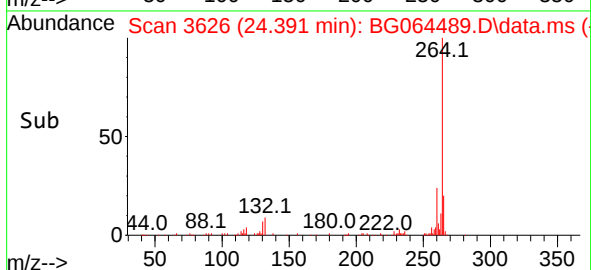
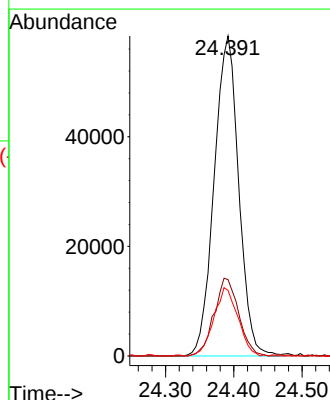
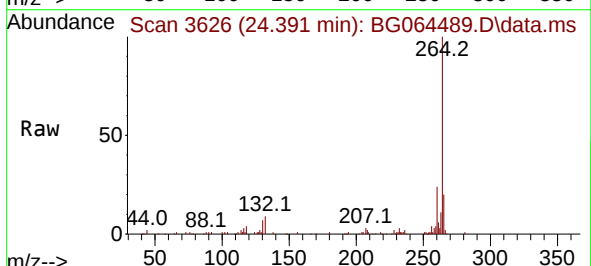
Tgt Ion:264 Resp: 146226

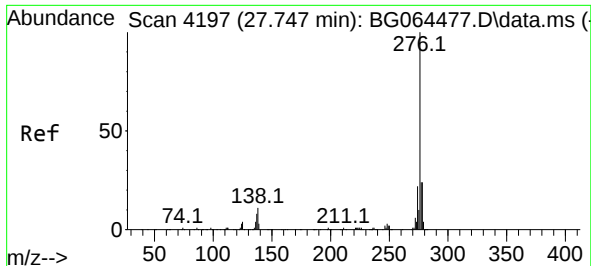
Ion Ratio Lower Upper

264 100

260 23.9 16.2 24.4

265 20.5 15.0 22.4

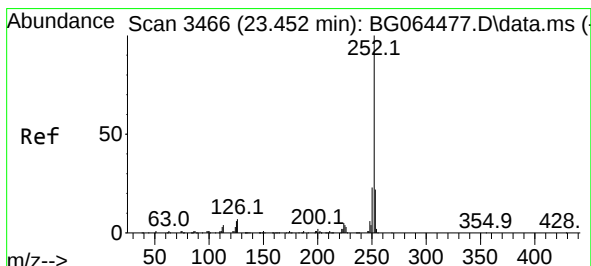
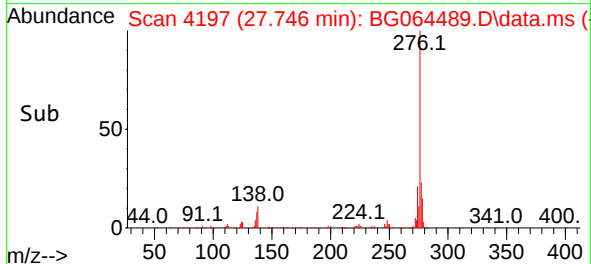
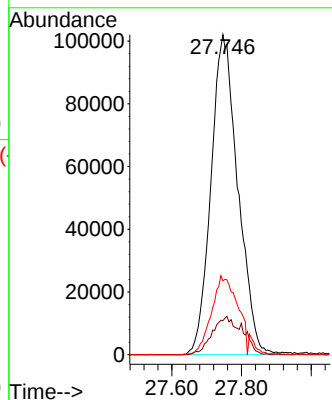
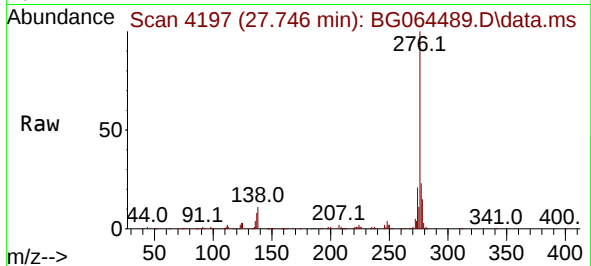




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 53.861 ng
 RT: 27.746 min Scan# 4197
 Delta R.T. 0.014 min
 Lab File: BG064489.D
 Acq: 3 Oct 2025 16:16

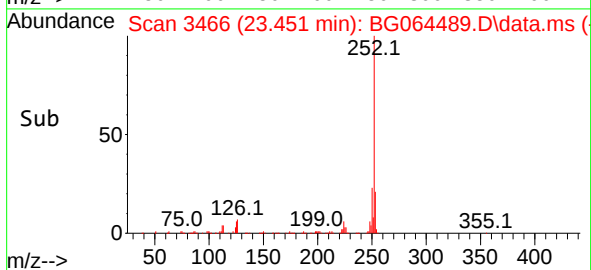
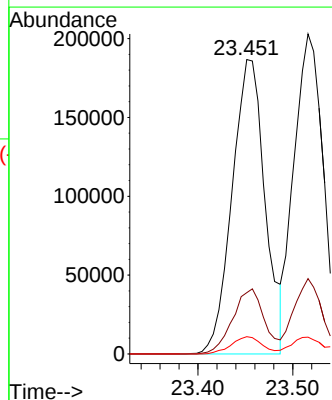
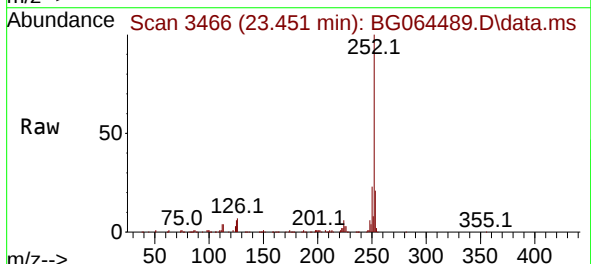
Instrument :
 BNA_G
 ClientSampleId :
 PB169973BS

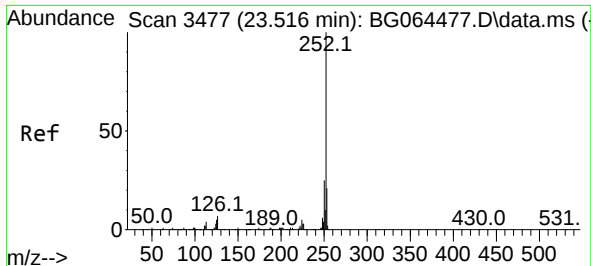
Tgt Ion:276 Resp: 548210
 Ion Ratio Lower Upper
 276 100
 138 13.3 10.8 16.2
 277 23.6 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 54.209 ng
 RT: 23.451 min Scan# 3466
 Delta R.T. 0.002 min
 Lab File: BG064489.D
 Acq: 3 Oct 2025 16:16

Tgt Ion:252 Resp: 450951
 Ion Ratio Lower Upper
 252 100
 253 20.8 17.5 26.3
 125 5.9 4.5 6.7

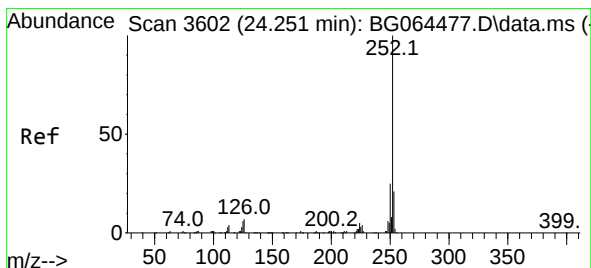
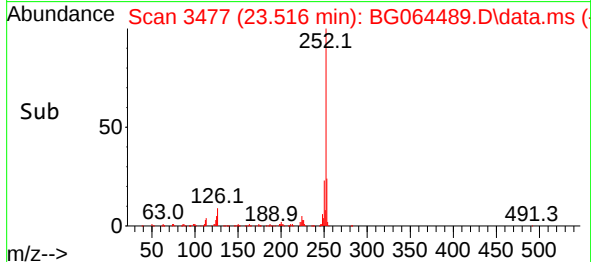
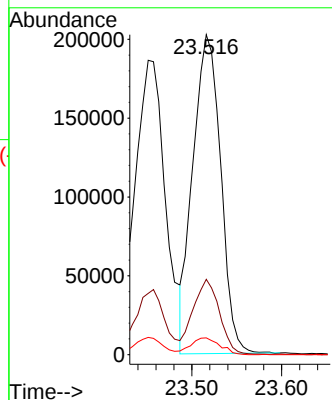
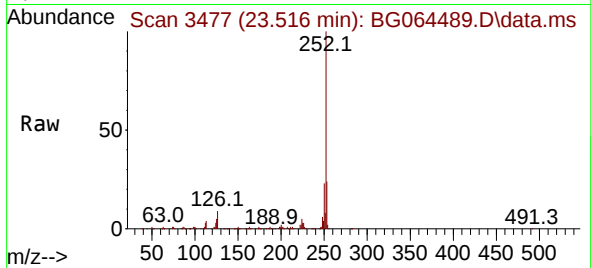




#89
Benzo(k)fluoranthene
Concen: 51.769 ng
RT: 23.516 min Scan# 34
Delta R.T. 0.008 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

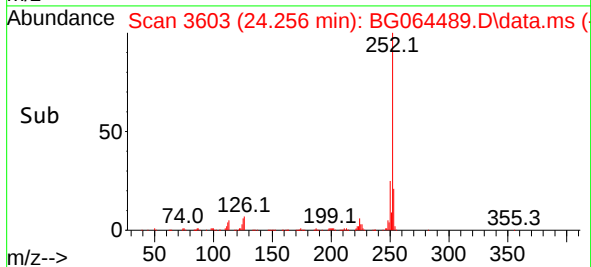
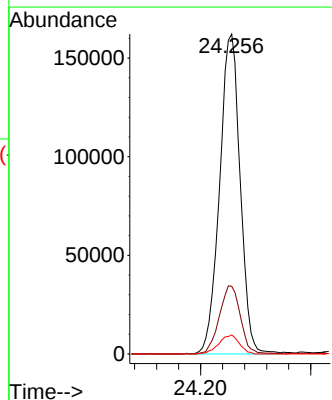
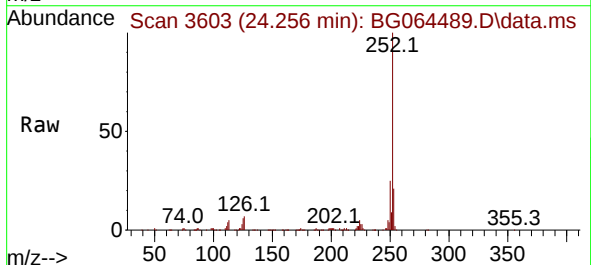
Instrument :
BNA_G
ClientSampleId :
PB169973BS

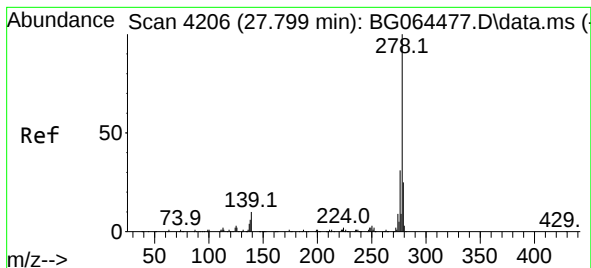
Tgt Ion:252 Resp: 433743
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.2
125 5.3 4.0 6.0



#90
Benzo(a)pyrene
Concen: 54.860 ng
RT: 24.256 min Scan# 3603
Delta R.T. 0.008 min
Lab File: BG064489.D
Acq: 3 Oct 2025 16:16

Tgt Ion:252 Resp: 420603
Ion Ratio Lower Upper
252 100
253 21.1 17.1 25.7
125 6.0 4.6 6.8





#91

Dibenzo(a,h)anthracene

Concen: 55.175 ng

RT: 27.799 min Scan# 41

Delta R.T. 0.020 min

Lab File: BG064489.D

Acq: 3 Oct 2025 16:16

Instrument :

BNA_G

ClientSampleId :

PB169973BS

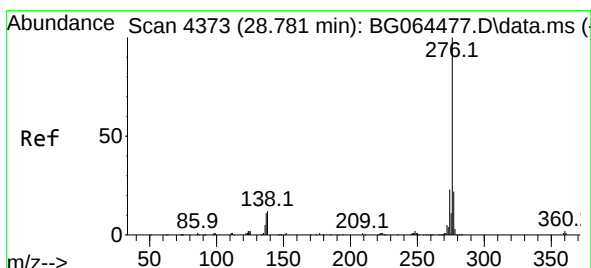
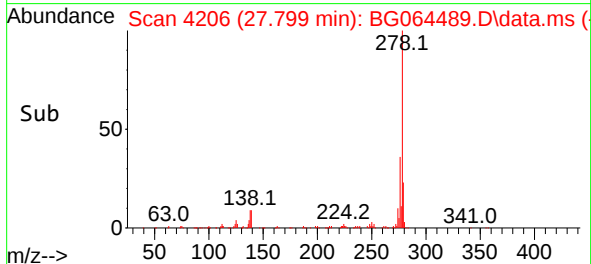
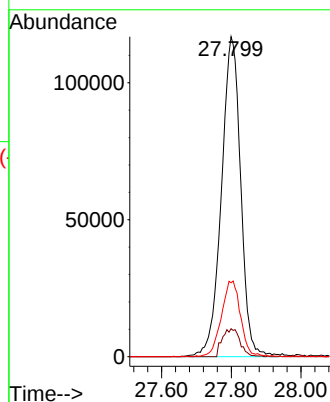
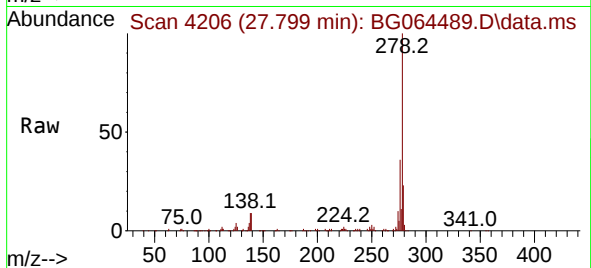
Tgt Ion:278 Resp: 449110

Ion Ratio Lower Upper

278 100

139 8.7 8.2 12.2

279 23.1 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 54.744 ng

RT: 28.792 min Scan# 4375

Delta R.T. 0.026 min

Lab File: BG064489.D

Acq: 3 Oct 2025 16:16

Tgt Ion:276 Resp: 433026

Ion Ratio Lower Upper

276 100

277 24.6 17.8 26.6

138 11.6 9.4 14.0

