

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
 Data File : BG064524.D
 Acq On : 16 Oct 2025 20:22
 Operator : RC/JU
 Sample : Q3352-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3MSD

Quant Time: Oct 16 22:00:02 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	7.818	152	13679	20.000	ng	0.00
21) Naphthalene-d8	10.603	136	55529	20.000	ng	# 0.00
39) Acenaphthene-d10	14.445	164	42105	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	106014	20.000	ng	# 0.00
76) Chrysene-d12	21.414	240	121548	20.000	ng	0.00
86) Perylene-d12	24.393	264	136333	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.409	112	91574	123.894	ng	0.00
7) Phenol-d6	6.995	99	117721	118.518	ng	0.00
23) Nitrobenzene-d5	8.969	82	79308	76.796	ng	0.00
42) 2,4,6-Tribromophenol	15.938	330	96157	125.990	ng	0.00
45) 2-Fluorobiphenyl	13.071	172	211721	74.119	ng	0.00
79) Terphenyl-d14	19.804	244	459397	71.528	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.311	88	11808	40.389	ng	91
3) Pyridine	3.699	79	30699	39.071	ng	94
4) n-Nitrosodimethylamine	3.617	42	29363	51.550	ng	95
6) Aniline	7.142	93	33539	26.769	ng	99
8) 2-Chlorophenol	7.383	128	49511	54.550	ng	96
9) Benzaldehyde	6.954	77	21320	24.180	ng	96
10) Phenol	7.025	94	56275	53.707	ng	97
11) bis(2-Chloroethyl)ether	7.242	93	35658	50.251	ng	98
12) 1,3-Dichlorobenzene	7.706	146	52743	53.122	ng	92
13) 1,4-Dichlorobenzene	7.853	146	54061	54.253	ng	97
14) 1,2-Dichlorobenzene	8.165	146	52765	53.727	ng	96
15) Benzyl Alcohol	8.059	79	48944	53.506	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.347	45	53879	47.105	ng	93
17) 2-Methylphenol	8.264	107	41198	54.298	ng	98
18) Hexachloroethane	8.893	117	19933	50.678	ng	92
19) n-Nitroso-di-n-propyla...	8.623	70	32765	49.324	ng	98
20) 3+4-Methylphenols	8.593	107	54726	51.687	ng	94
22) Acetophenone	8.635	105	83122	61.823	ng	# 99
24) Nitrobenzene	9.016	77	54933	53.341	ng	# 91
25) Isophorone	9.539	82	96138	51.387	ng	# 98
26) 2-Nitrophenol	9.722	139	27841	54.319	ng	95
27) 2,4-Dimethylphenol	9.786	122	46678	59.626	ng	90
28) bis(2-Chloroethoxy)met...	10.021	93	51496	53.999	ng	93
29) 2,4-Dichlorophenol	10.256	162	52449	57.937	ng	96
30) 1,2,4-Trichlorobenzene	10.468	180	56581	57.322	ng	96
31) Naphthalene	10.656	128	156374	54.686	ng	98
32) Benzoic acid	9.951	122	39131	65.105	ng	84
33) 4-Chloroaniline	10.767	127	16841	15.348	ng	96
34) Hexachlorobutadiene	10.944	225	45862	54.253	ng	89
35) Caprolactam	11.596	113	6571	21.203	ng	87
36) 4-Chloro-3-methylphenol	11.901	107	62434	56.712	ng	99
37) 2-Methylnaphthalene	12.266	142	106704	48.613	ng	98
38) 1-Methylnaphthalene	12.489	142	112386	51.349	ng	97
40) 1,2,4,5-Tetrachloroben...	12.636	216	82893	60.973	ng	# 97
41) Hexachlorocyclopentadiene	12.618	237	106456	149.697	ng	95
43) 2,4,6-Trichlorophenol	12.877	196	49098	56.495	ng	96

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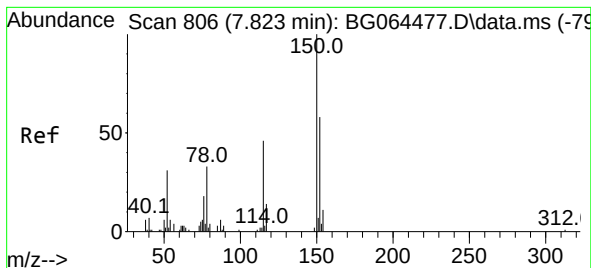
Quant Time: Oct 16 22:00:02 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.953	196	54385	56.053	ng	91
46) 1,1'-Biphenyl	13.282	154	182156	60.151	ng	98
47) 2-Chloronaphthalene	13.317	162	123768	54.740	ng	98
48) 2-Nitroaniline	13.529	65	41720	54.064	ng	94
49) Acenaphthylene	14.169	152	211257	62.942	ng	98
50) Dimethylphthalate	13.911	163	169657	51.447	ng	98
51) 2,6-Dinitrotoluene	14.022	165	38132	55.509	ng	96
52) Acenaphthene	14.510	154	123120	52.799	ng	97
53) 3-Nitroaniline	14.351	138	18459	29.137	ng	95
54) 2,4-Dinitrophenol	14.563	184	50072	100.523	ng	90
55) Dibenzofuran	14.845	168	210528	54.679	ng	97
56) 4-Nitrophenol	14.680	139	61686	123.671	ng	# 82
57) 2,4-Dinitrotoluene	14.816	165	59502	56.662	ng	95
58) Fluorene	15.497	166	177232	55.370	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.074	232	59735	60.327	ng	99
60) Diethylphthalate	15.274	149	184977	52.289	ng	99
61) 4-Chlorophenyl-phenyle...	15.491	204	93256	53.365	ng	99
62) 4-Nitroaniline	15.521	138	37812	57.264	ng	88
63) Azobenzene	15.785	77	166233	60.675	ng	93
65) 4,6-Dinitro-2-methylph...	15.579	198	41597	56.354	ng	96
66) n-Nitrosodiphenylamine	15.703	169	152560	53.889	ng	95
67) 4-Bromophenyl-phenylether	16.384	248	65062	52.152	ng	95
68) Hexachlorobenzene	16.502	284	77800	54.499	ng	97
69) Atrazine	16.655	200	73691	58.507	ng	98
70) Pentachlorophenol	16.843	266	105417	126.298	ng	98
71) Phenanthrene	17.230	178	320147	57.746	ng	99
72) Anthracene	17.319	178	310004	55.738	ng	99
73) Carbazole	17.595	167	278859	58.005	ng	99
74) Di-n-butylphthalate	18.153	149	324975	55.374	ng	99
75) Fluoranthene	19.240	202	447290	67.533	ng	98
77) Benzidine	19.428	184	120751	39.924	ng	98
78) Pyrene	19.604	202	448838	56.901	ng	98
80) Butylbenzylphthalate	20.497	149	147731	52.832	ng	97
81) Benzo(a)anthracene	21.396	228	457808	58.989	ng	99
82) 3,3'-Dichlorobenzidine	21.320	252	63308	24.101	ng	97
83) Chrysene	21.461	228	424072	57.617	ng	97
84) Bis(2-ethylhexyl)phtha...	21.320	149	217145	55.038	ng	98
85) Di-n-octyl phthalate	22.448	149	368435	55.564	ng	99
87) Indeno(1,2,3-cd)pyrene	27.759	276	545943	57.531	ng	# 93
88) Benzo(b)fluoranthene	23.458	252	470088	60.610	ng	100
89) Benzo(k)fluoranthene	23.523	252	450089	57.619	ng	100
90) Benzo(a)pyrene	24.263	252	439921	61.543	ng	98
91) Dibenzo(a,h)anthracene	27.812	278	428821	56.506	ng	# 96
92) Benzo(g,h,i)perylene	28.805	276	443459	60.131	ng	99

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

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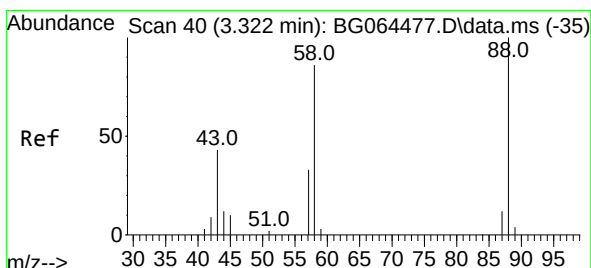
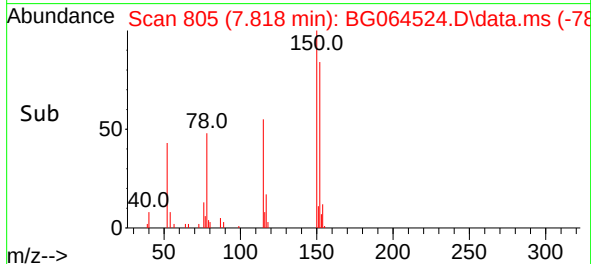
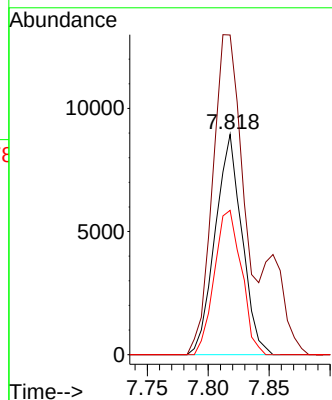
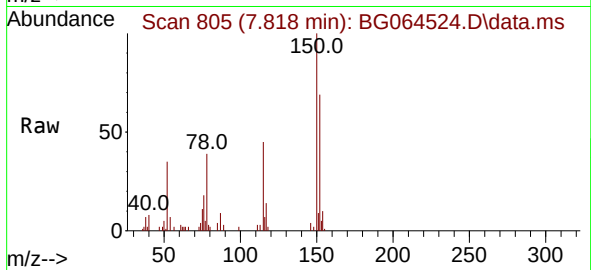




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.818 min Scan# 80
 Delta R.T. -0.002 min
 Lab File: BG064524.D
 Acq: 16 Oct 2025 20:22

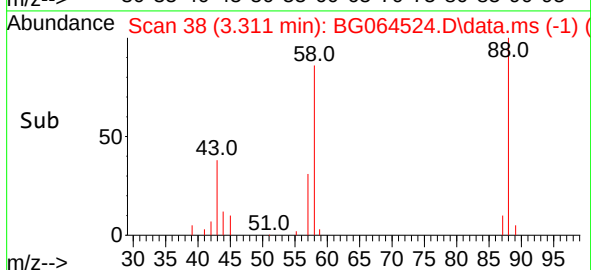
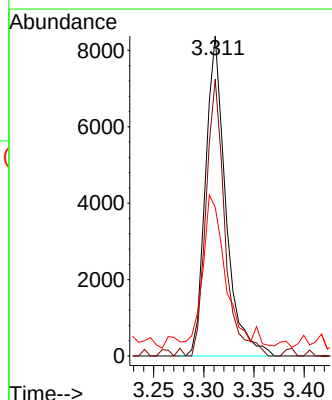
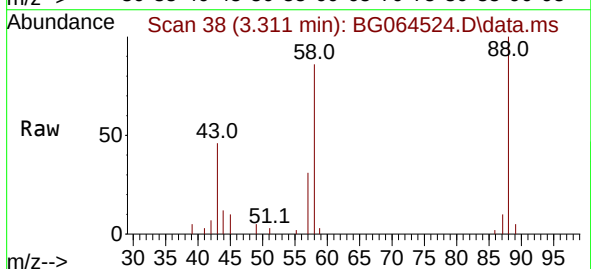
Instrument :
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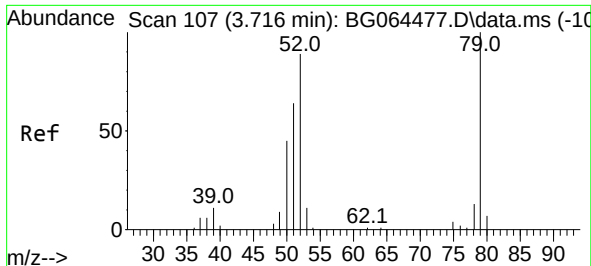
Tgt Ion:152 Resp: 13679
 Ion Ratio Lower Upper
 152 100
 150 145.1 138.6 207.8
 115 65.5 63.4 95.2



#2
 1,4-Dioxane
 Concen: 40.389 ng
 RT: 3.311 min Scan# 38
 Delta R.T. -0.008 min
 Lab File: BG064524.D
 Acq: 16 Oct 2025 20:22

Tgt Ion: 88 Resp: 11808
 Ion Ratio Lower Upper
 88 100
 58 80.0 69.8 104.6
 43 53.8 37.4 56.0

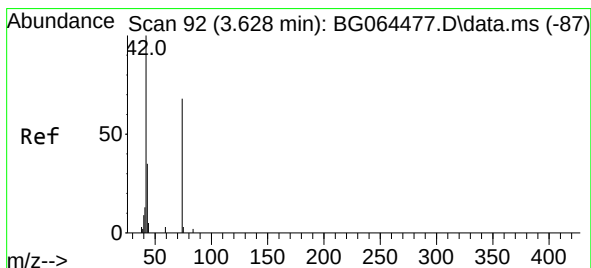
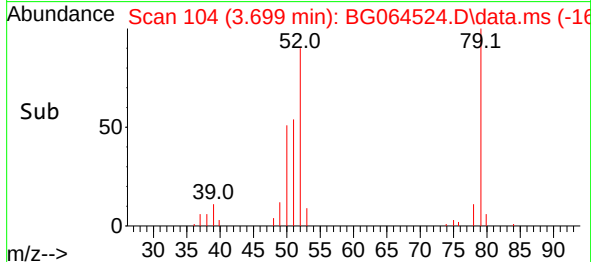
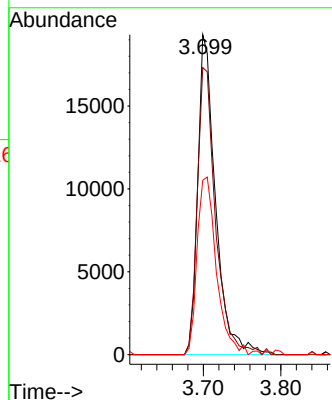
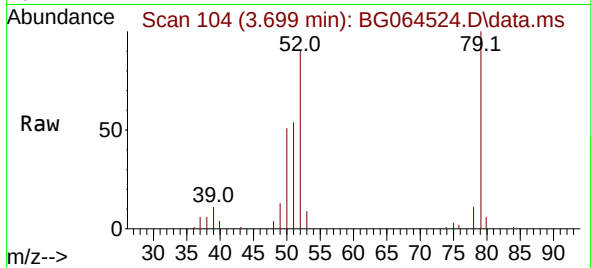




#3
Pyridine
Concen: 39.071 ng
RT: 3.699 min Scan# 107
Delta R.T. -0.014 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

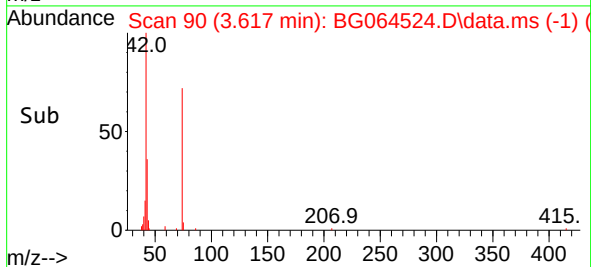
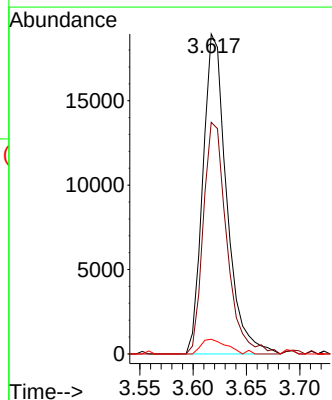
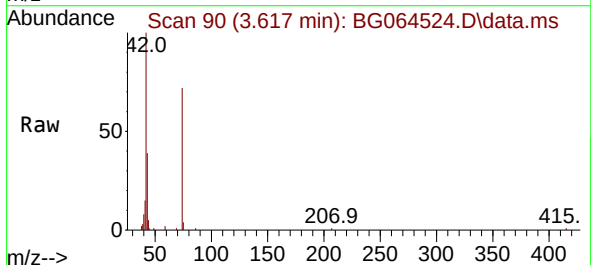
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BNA_G
ClientSampleId :
TP-3MSD

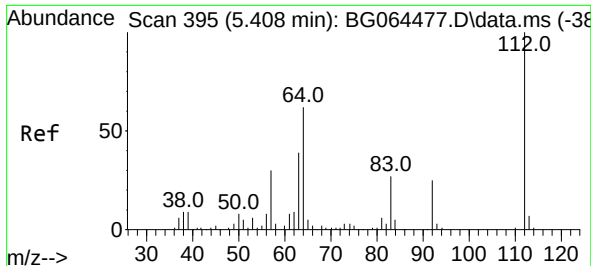
Tgt Ion: 79 Resp: 30699
Ion Ratio Lower Upper
79 100
52 89.7 71.0 106.4
51 54.5 51.0 76.6



#4
n-Nitrosodimethylamine
Concen: 51.550 ng
RT: 3.617 min Scan# 90
Delta R.T. -0.008 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Tgt Ion: 42 Resp: 29363
Ion Ratio Lower Upper
42 100
74 72.4 54.2 81.4
44 5.7 4.2 6.2

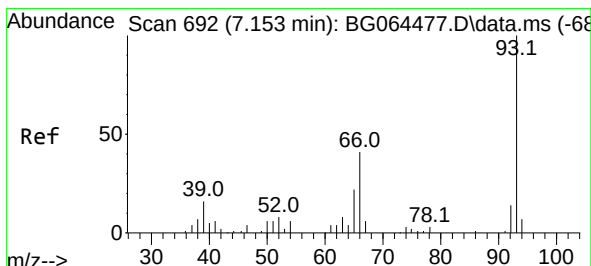
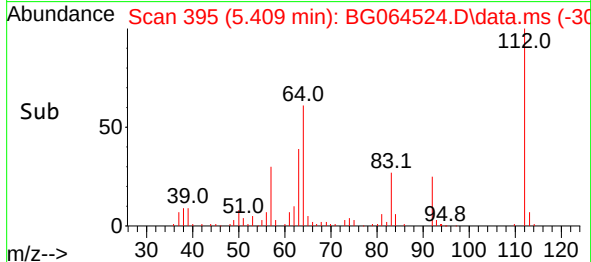
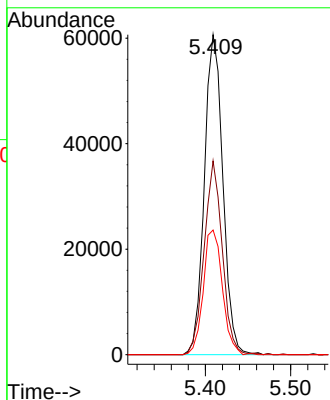
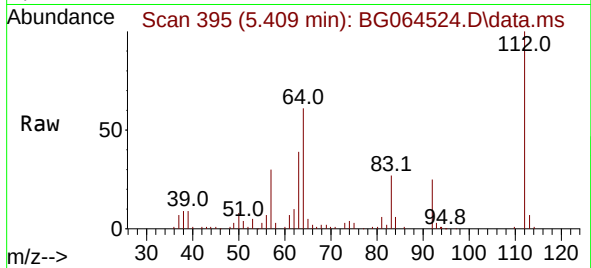




#5
2-Fluorophenol
Concen: 123.894 ng
RT: 5.409 min Scan# 395
Delta R.T. 0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

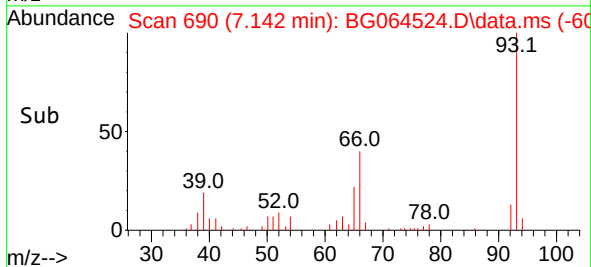
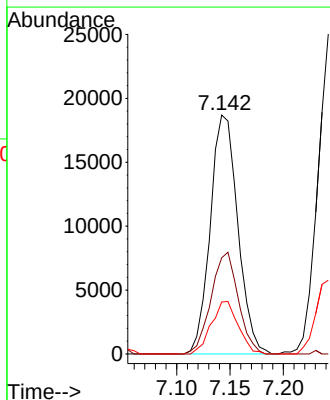
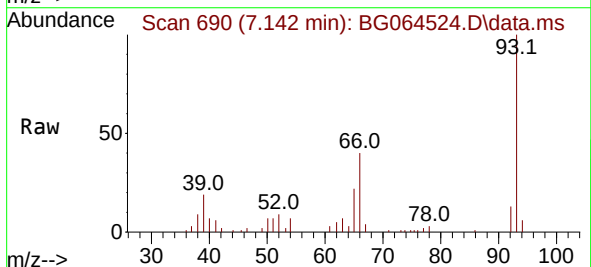
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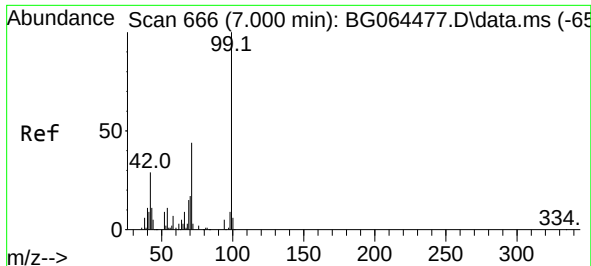
Tgt Ion:112 Resp: 91574
Ion Ratio Lower Upper
112 100
64 60.6 49.8 74.8
63 39.0 31.3 46.9



#6
Aniline
Concen: 26.769 ng
RT: 7.142 min Scan# 690
Delta R.T. -0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Tgt Ion: 93 Resp: 33539
Ion Ratio Lower Upper
93 100
66 40.2 33.0 49.4
65 21.8 17.5 26.3

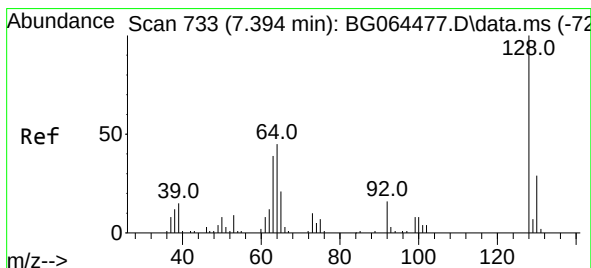
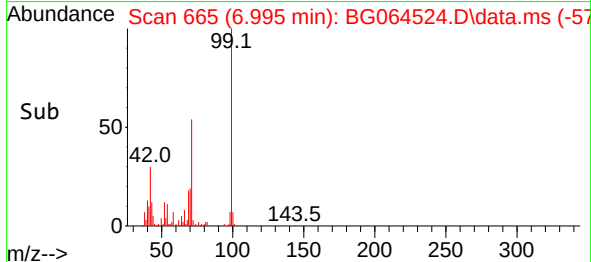
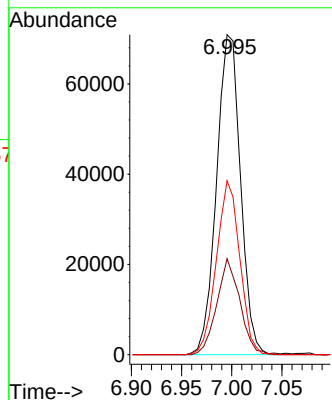
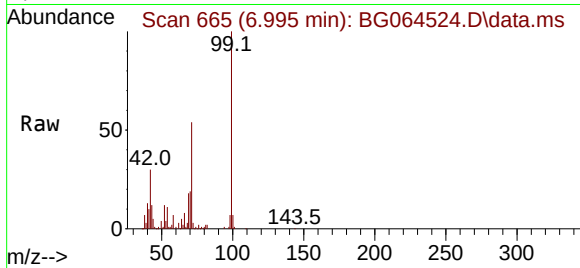




#7
Phenol-d6
Concen: 118.518 ng
RT: 6.995 min Scan# 609
Delta R.T. 0.009 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

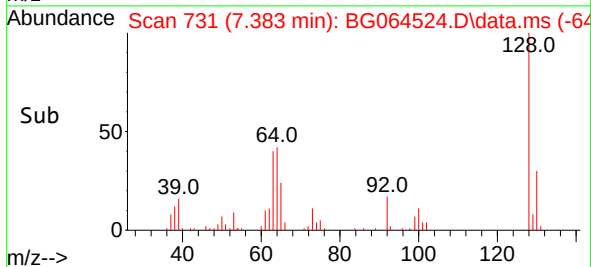
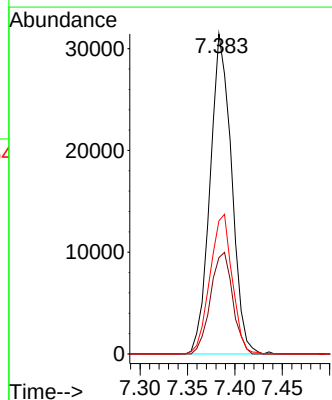
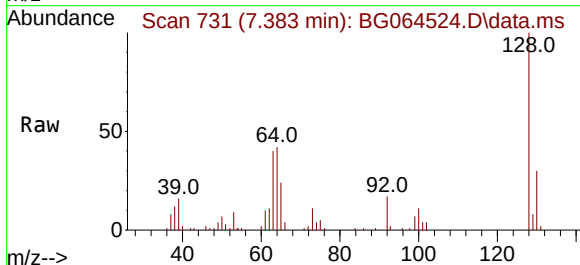
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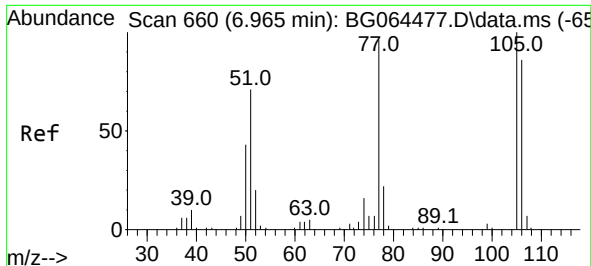
Tgt Ion: 99 Resp: 117721
Ion Ratio Lower Upper
99 100
42 30.0 22.9 34.3
71 54.4 35.4 53.2#



#8
2-Chlorophenol
Concen: 54.550 ng
RT: 7.383 min Scan# 731
Delta R.T. -0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Tgt Ion:128 Resp: 49511
Ion Ratio Lower Upper
128 100
130 30.1 9.2 49.2
64 41.6 25.5 65.5

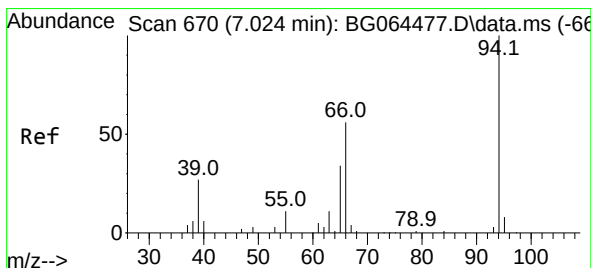
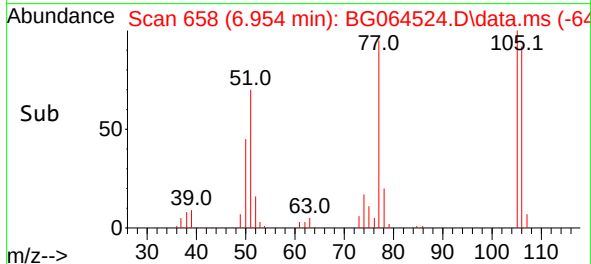
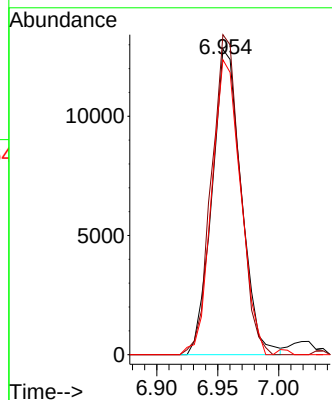
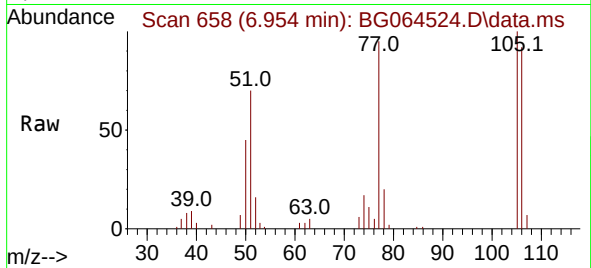




#9
Benzaldehyde
Concen: 24.180 ng
RT: 6.954 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

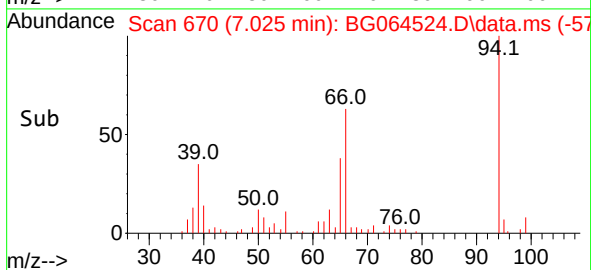
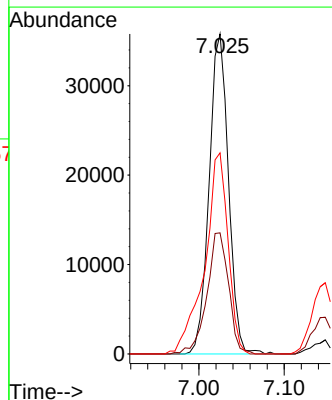
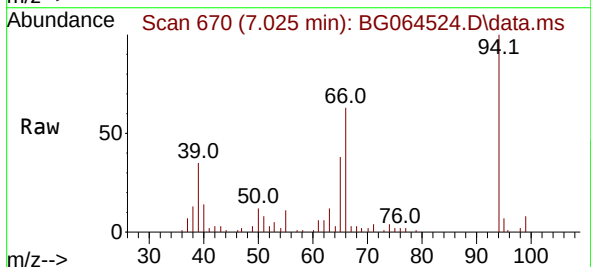
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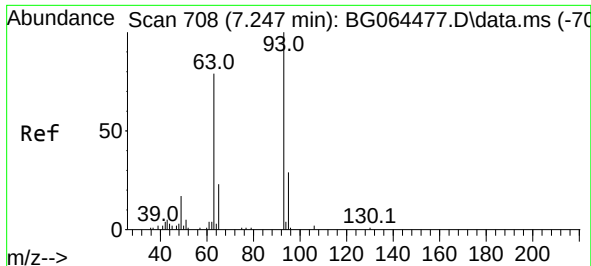
Tgt Ion: 77 Resp: 21320
Ion Ratio Lower Upper
77 100
105 104.8 83.7 123.7
106 96.6 69.4 109.4



#10
Phenol
Concen: 53.707 ng
RT: 7.025 min Scan# 670
Delta R.T. 0.009 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Tgt Ion: 94 Resp: 56275
Ion Ratio Lower Upper
94 100
65 37.8 14.8 54.8
66 62.9 41.4 81.4

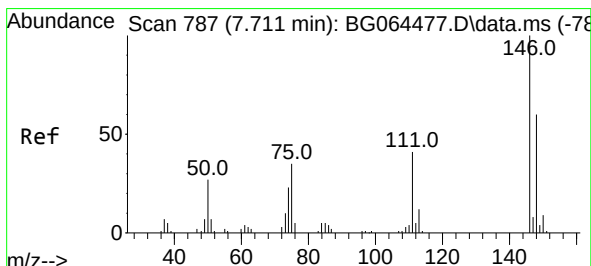
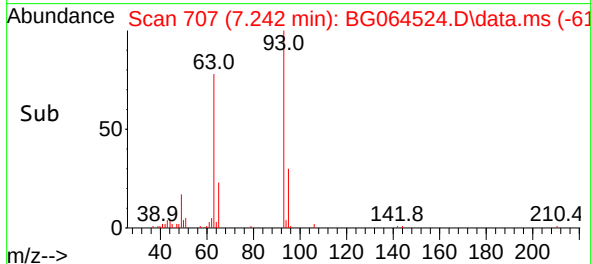
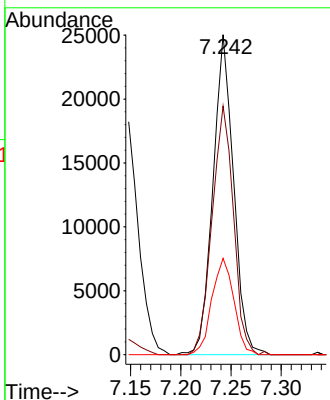
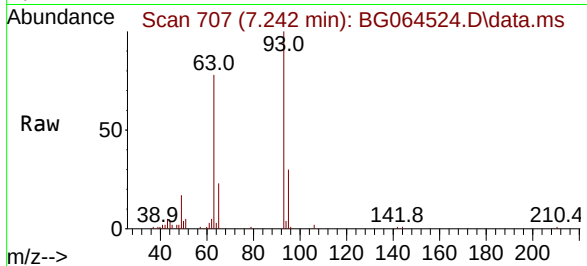




#11
bis(2-Chloroethyl)ether
Concen: 50.251 ng
RT: 7.242 min Scan# 708
Delta R.T. -0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

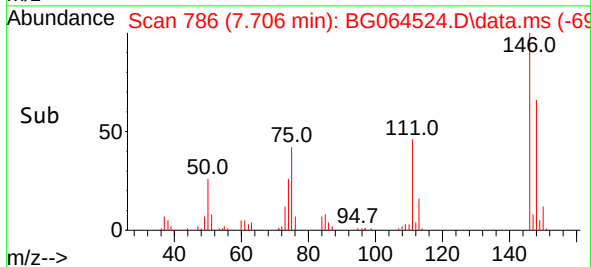
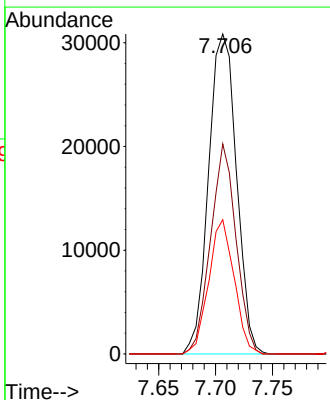
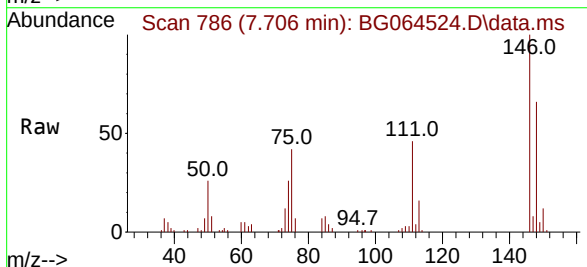
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

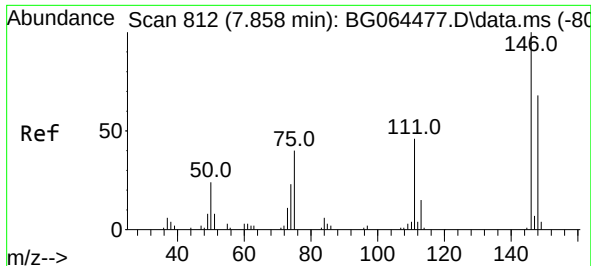
Tgt Ion: 93 Resp: 35658
Ion Ratio Lower Upper
93 100
63 77.7 59.5 99.5
95 30.1 8.8 48.8



#12
1,3-Dichlorobenzene
Concen: 53.122 ng
RT: 7.706 min Scan# 786
Delta R.T. -0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Tgt Ion:146 Resp: 52743
Ion Ratio Lower Upper
146 100
148 65.7 48.4 72.6
75 42.0 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 54.253 ng

RT: 7.853 min Scan# 811

Delta R.T. -0.003 min

Lab File: BG064524.D

Acq: 16 Oct 2025 20:22

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

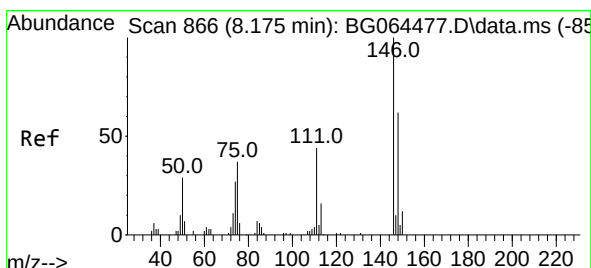
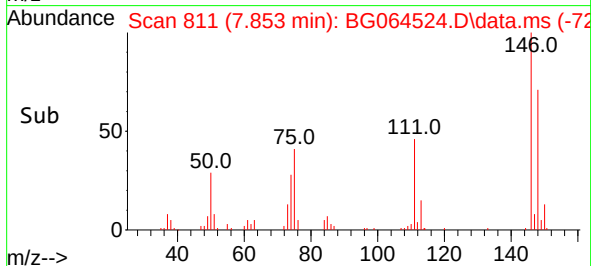
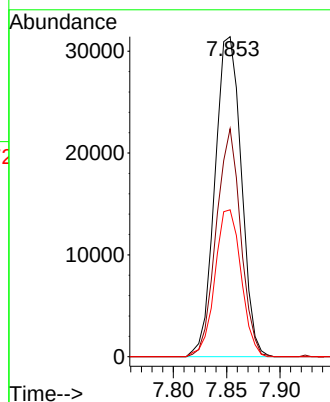
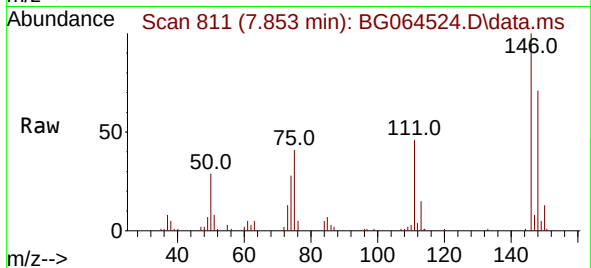
Tgt Ion:146 Resp: 54061

Ion Ratio Lower Upper

146 100

148 71.3 54.4 81.6

111 45.9 36.5 54.7



#14

1,2-Dichlorobenzene

Concen: 53.727 ng

RT: 8.165 min Scan# 864

Delta R.T. -0.008 min

Lab File: BG064524.D

Acq: 16 Oct 2025 20:22

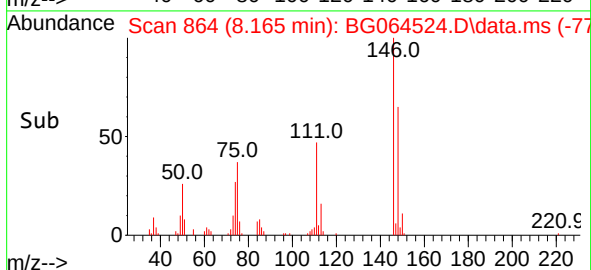
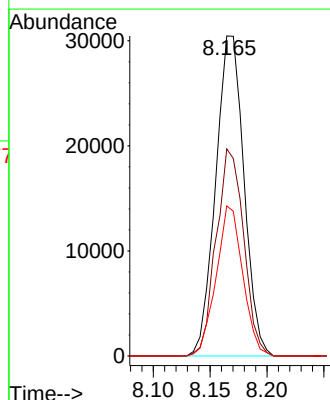
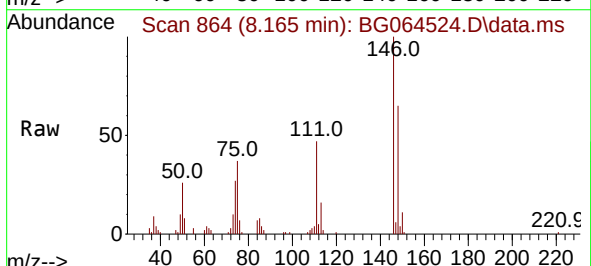
Tgt Ion:146 Resp: 52765

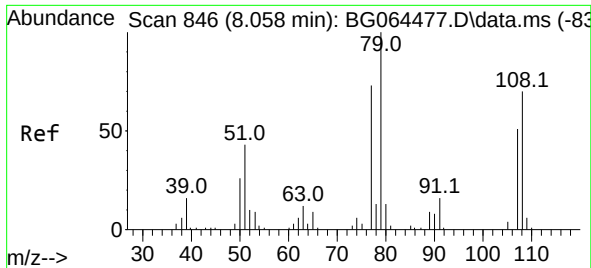
Ion Ratio Lower Upper

146 100

148 64.7 50.0 75.0

111 46.9 35.0 52.4

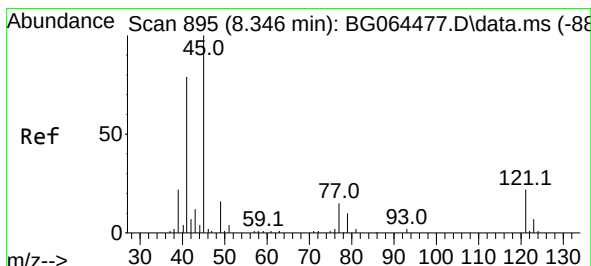
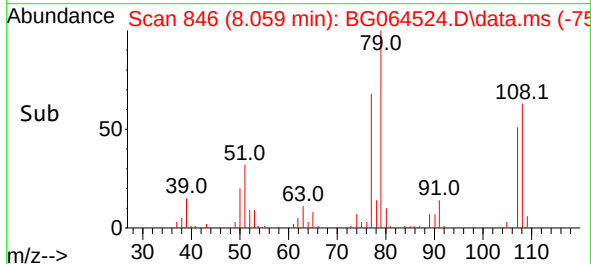
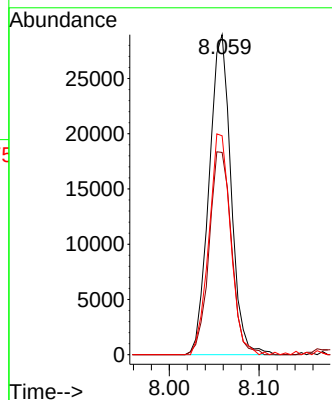
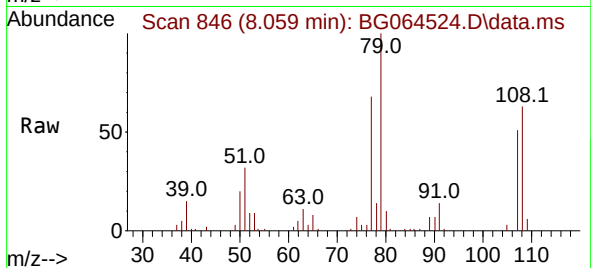




#15
Benzyl Alcohol
Concen: 53.506 ng
RT: 8.059 min Scan# 846
Delta R.T. 0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

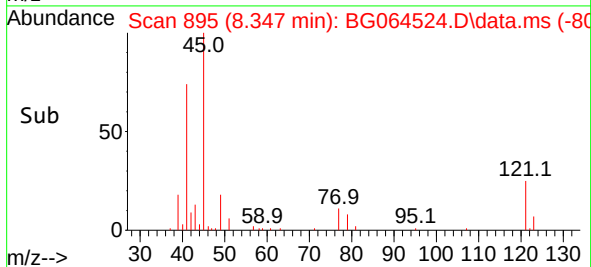
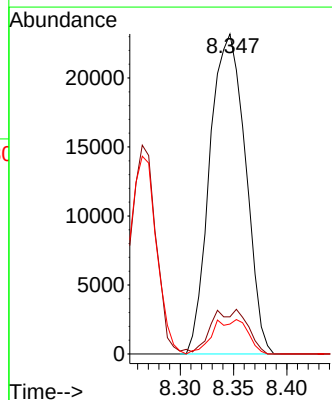
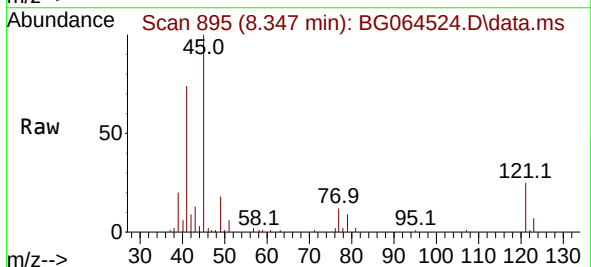
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

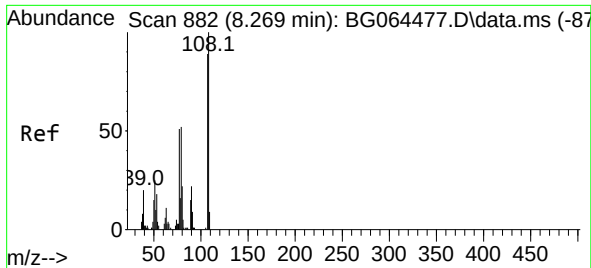
Tgt Ion:	79	Resp:	48944
Ion Ratio	Lower	Upper	
79	100		
108	63.2	56.4	84.6
77	68.4	58.3	87.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.105 ng
RT: 8.347 min Scan# 895
Delta R.T. 0.009 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Tgt Ion:	45	Resp:	53879
Ion Ratio	Lower	Upper	
45	100		
77	11.6	0.0	35.6
79	9.4	0.0	30.7

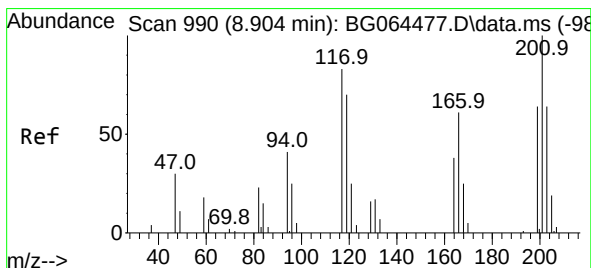
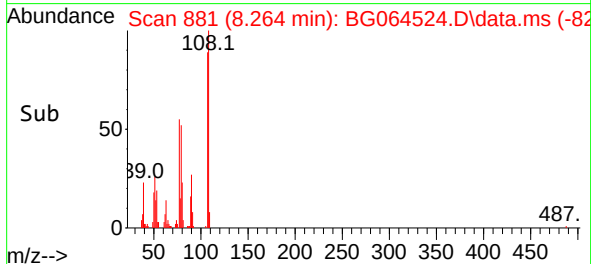
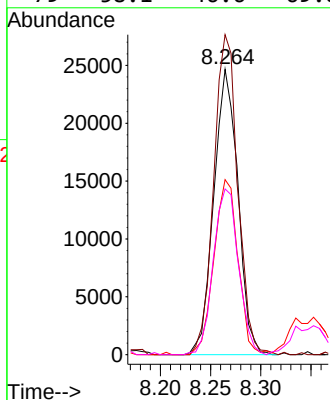
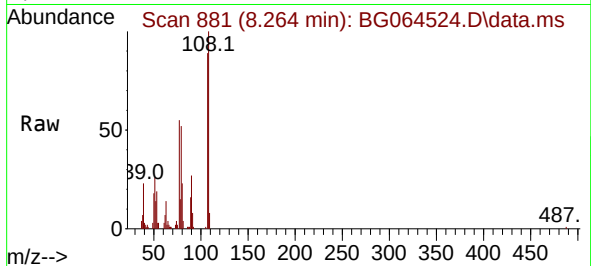




#17
2-Methylphenol
Concen: 54.298 ng
RT: 8.264 min Scan# 811
Delta R.T. 0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

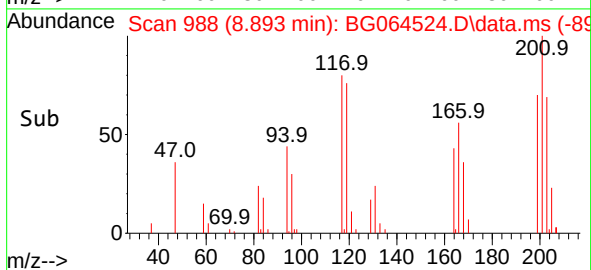
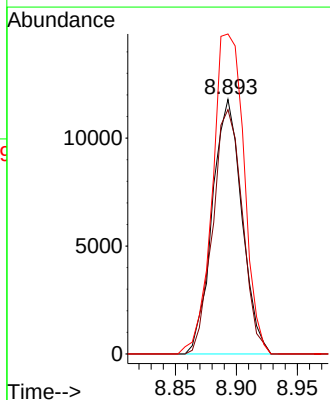
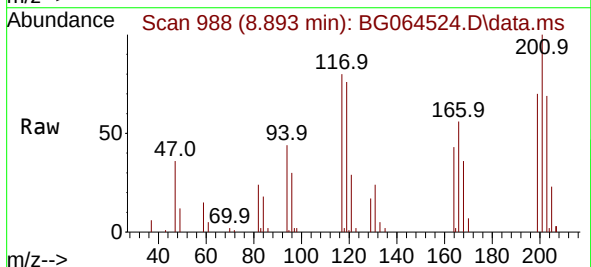
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

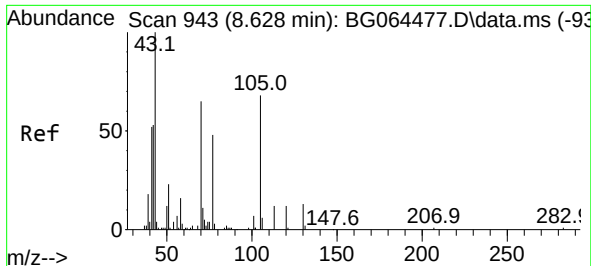
Tgt Ion:	107	Resp:	41198
Ion	Ratio	Lower	Upper
107	100		
108	112.2	90.3	135.5
77	61.4	46.0	69.0
79	58.1	46.6	69.8



#18
Hexachloroethane
Concen: 50.678 ng
RT: 8.893 min Scan# 988
Delta R.T. -0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Tgt Ion:	117	Resp:	19933
Ion	Ratio	Lower	Upper
117	100		
119	96.0	67.4	101.0
201	125.7	95.9	143.9

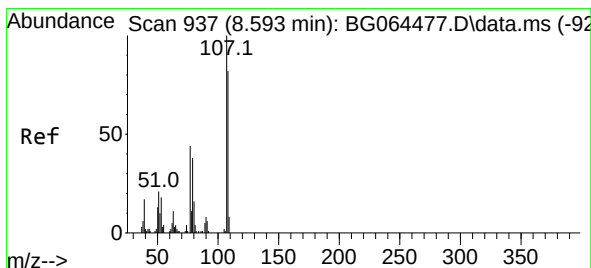
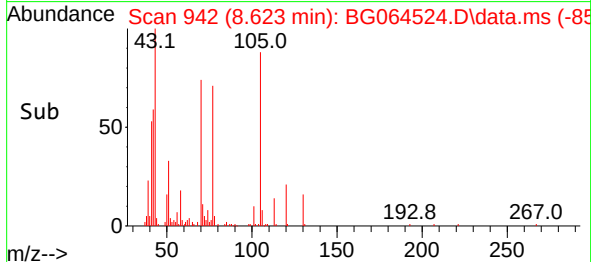
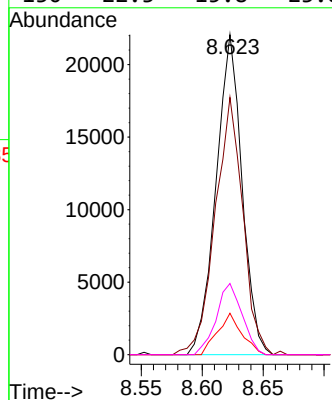
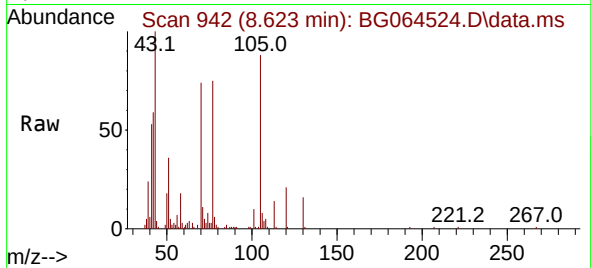




#19
n-Nitroso-di-n-propylamine
Concen: 49.324 ng
RT: 8.623 min Scan# 943
Delta R.T. 0.009 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

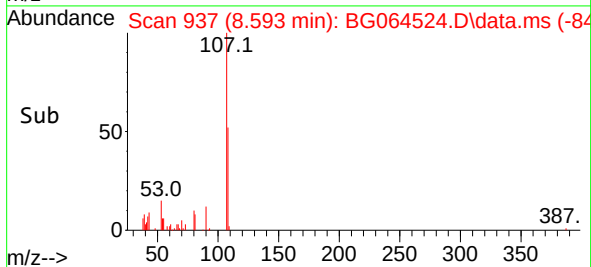
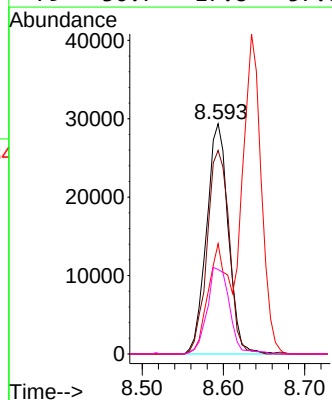
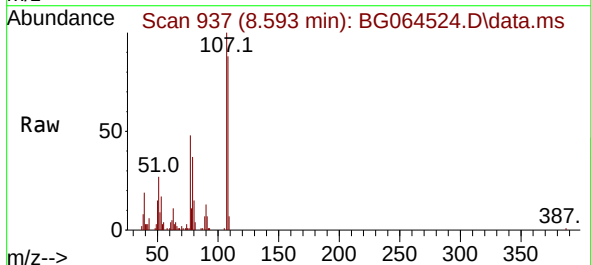
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

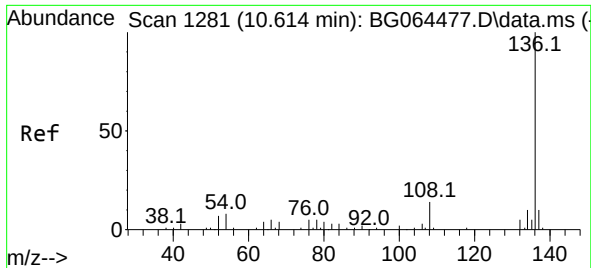
Tgt Ion:	70	Resp:	32765
Ion	Ratio	Lower	Upper
70	100		
42	80.4	64.9	97.3
101	12.9	8.7	13.1
130	22.3	15.8	23.8



#20
3+4-Methylphenols
Concen: 51.687 ng
RT: 8.593 min Scan# 937
Delta R.T. 0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Tgt Ion:	107	Resp:	54726
Ion	Ratio	Lower	Upper
107	100		
108	88.4	62.1	102.1
77	47.9	23.5	63.5
79	36.7	17.8	57.8

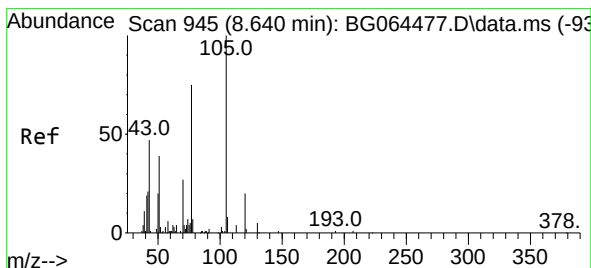
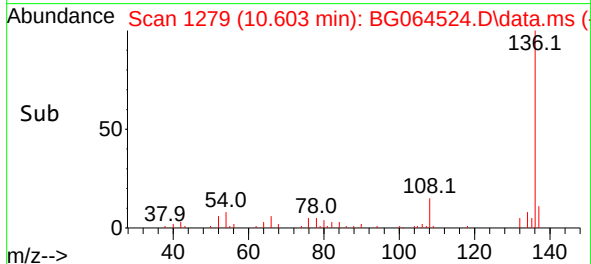
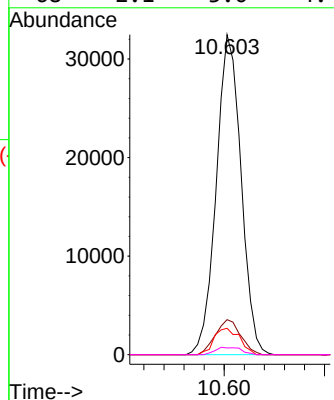
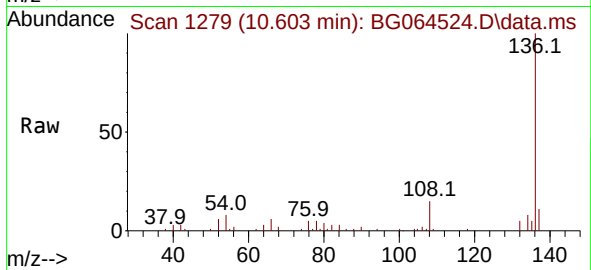




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.603 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

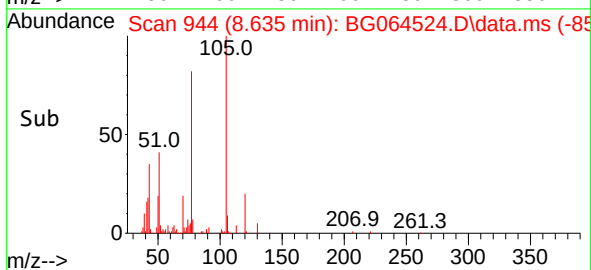
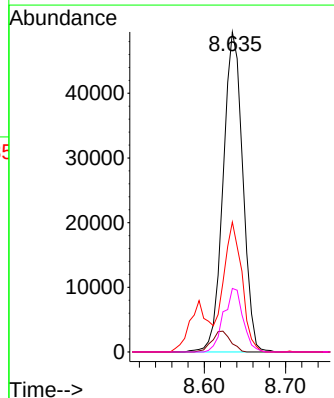
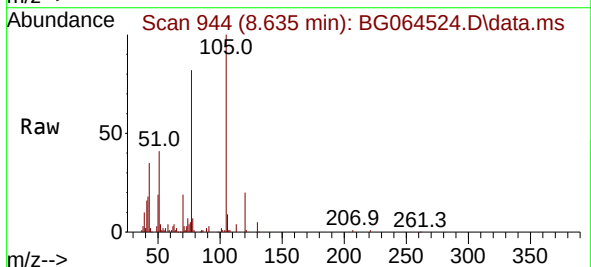
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

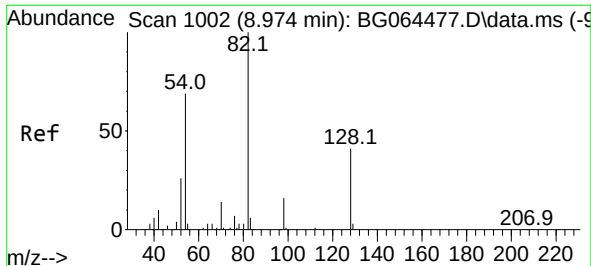
Tgt Ion:	136	Resp:	55529
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.3	12.5
54	8.2	6.2	9.4
68	2.1	3.0	4.4#



#22
Acetophenone
Concen: 61.823 ng
RT: 8.635 min Scan# 944
Delta R.T. 0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Tgt Ion:	105	Resp:	83122
Ion Ratio	Lower	Upper	
105	100		
71	2.6	2.8	4.2#
51	40.6	33.0	49.4
120	19.9	15.8	23.6

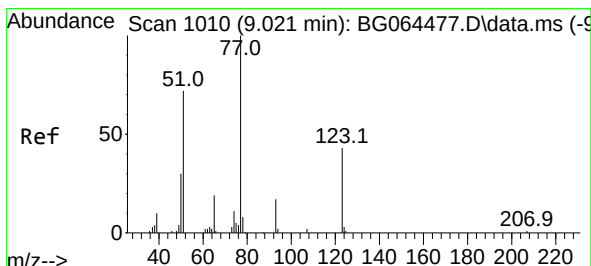
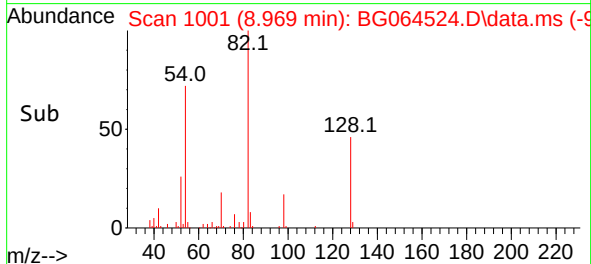
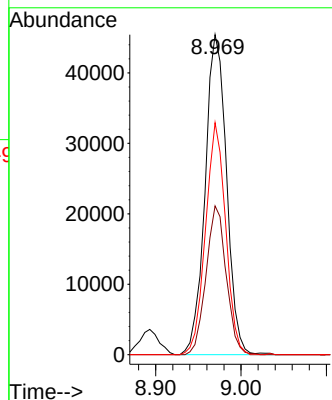
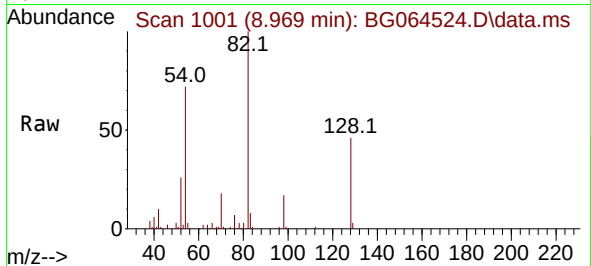




#23
Nitrobenzene-d5
Concen: 76.796 ng
RT: 8.969 min Scan# 1001
Delta R.T. 0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

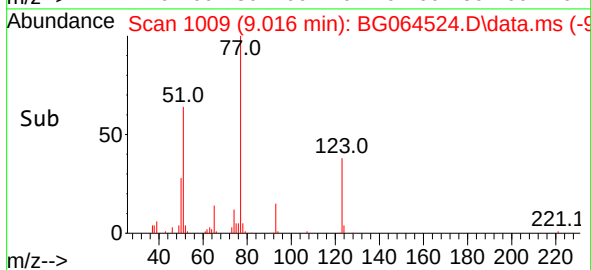
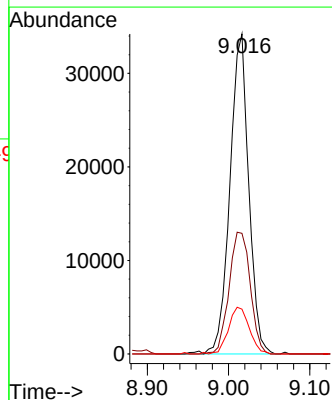
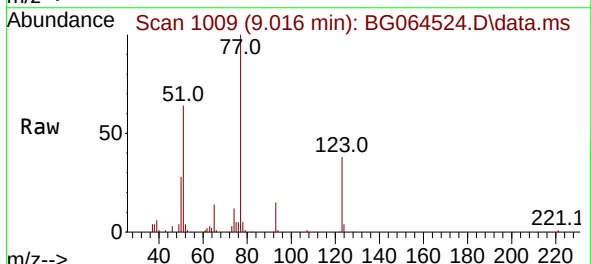
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

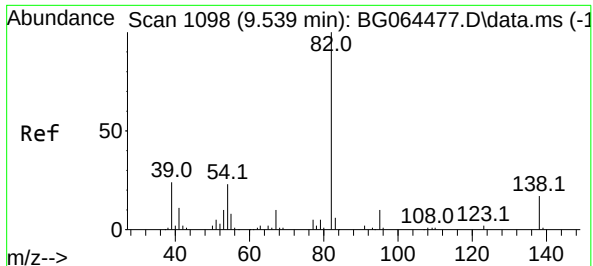
Tgt Ion: 82 Resp: 79308
Ion Ratio Lower Upper
82 100
128 46.5 33.1 49.7
54 72.5 55.4 83.2



#24
Nitrobenzene
Concen: 53.341 ng
RT: 9.016 min Scan# 1009
Delta R.T. 0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Tgt Ion: 77 Resp: 54933
Ion Ratio Lower Upper
77 100
123 37.7 34.4 51.6
65 14.0 14.8 22.2#

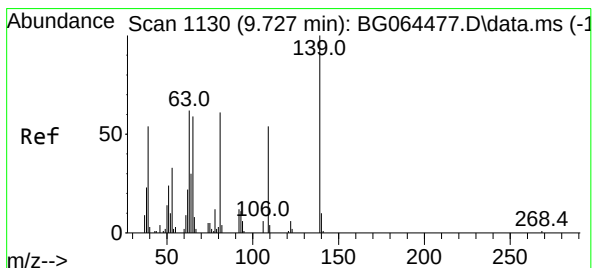
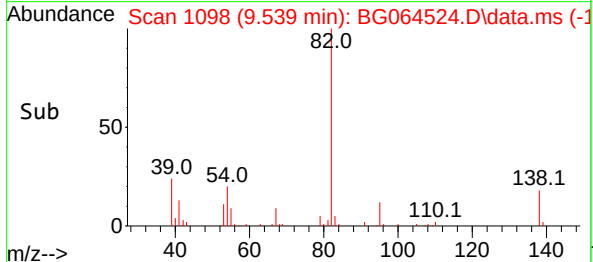
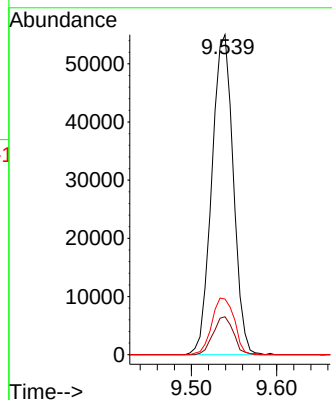
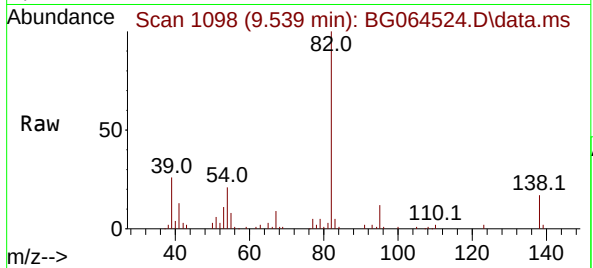




#25
Isophorone
Concen: 51.387 ng
RT: 9.539 min Scan# 1109
Delta R.T. 0.009 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

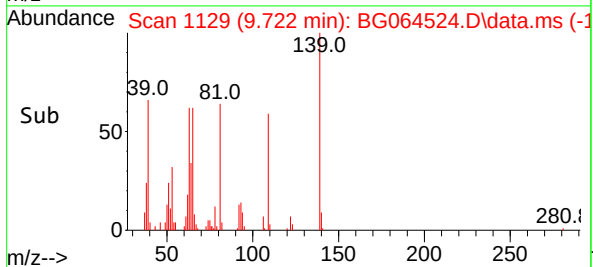
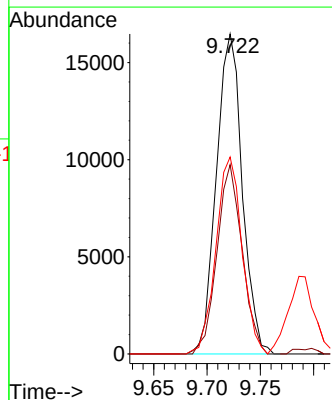
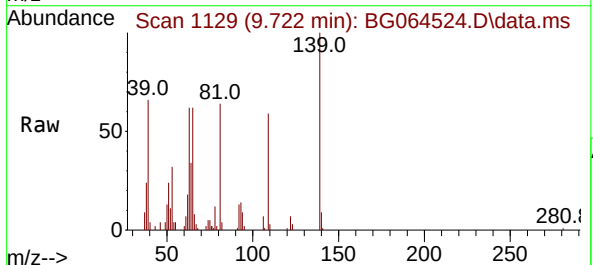
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

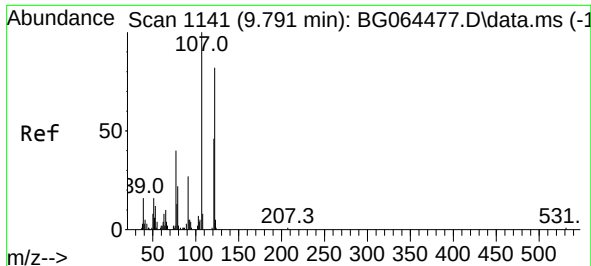
Tgt Ion: 82 Resp: 96138
Ion Ratio Lower Upper
82 100
95 11.9 7.8 11.8#
138 17.4 13.8 20.6



#26
2-Nitrophenol
Concen: 54.319 ng
RT: 9.722 min Scan# 1129
Delta R.T. 0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Tgt Ion:139 Resp: 27841
Ion Ratio Lower Upper
139 100
109 59.2 43.0 64.6
65 61.6 47.4 71.2





#27

2,4-Dimethylphenol

Concen: 59.626 ng

RT: 9.786 min Scan# 1141

Delta R.T. 0.003 min

Lab File: BG064524.D

Acq: 16 Oct 2025 20:22

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

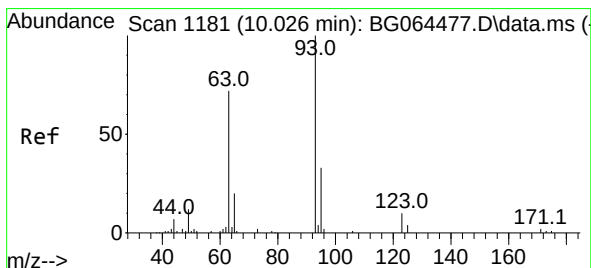
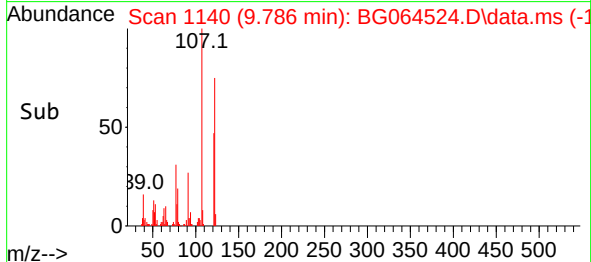
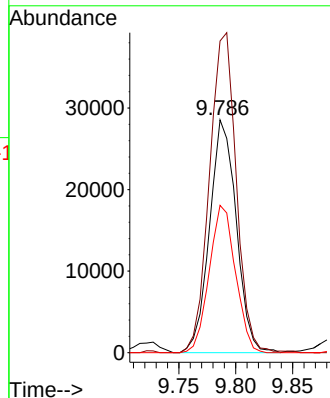
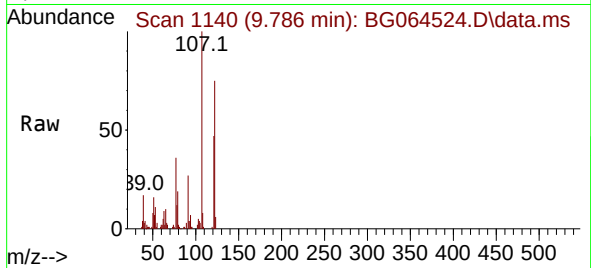
Tgt Ion:122 Resp: 46678

Ion Ratio Lower Upper

122 100

107 133.9 98.3 147.5

121 63.3 44.7 67.1



#28

bis(2-Chloroethoxy)methane

Concen: 53.999 ng

RT: 10.021 min Scan# 1180

Delta R.T. 0.003 min

Lab File: BG064524.D

Acq: 16 Oct 2025 20:22

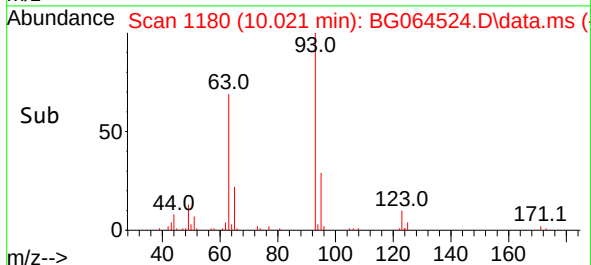
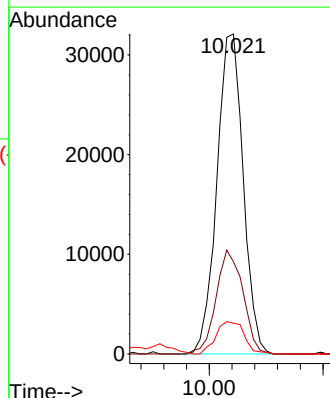
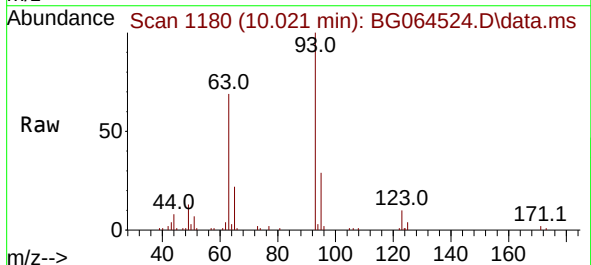
Tgt Ion: 93 Resp: 51496

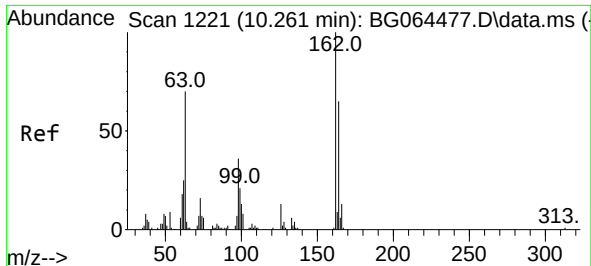
Ion Ratio Lower Upper

93 100

95 28.8 26.5 39.7

123 9.6 8.9 13.3

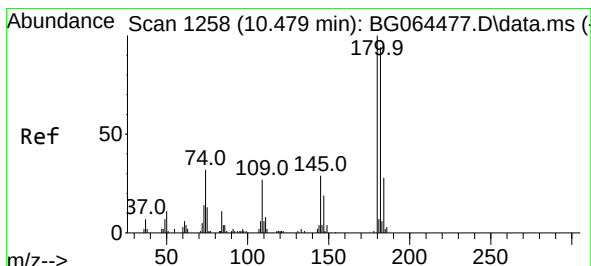
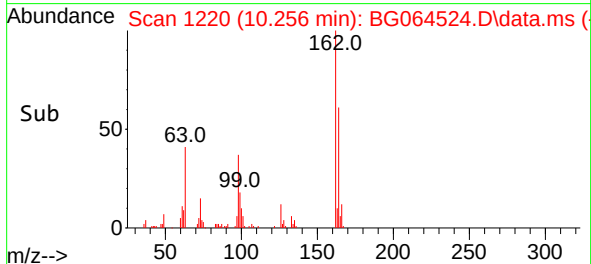
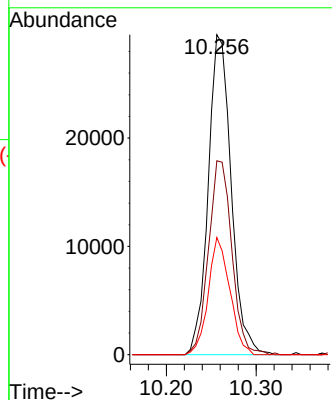
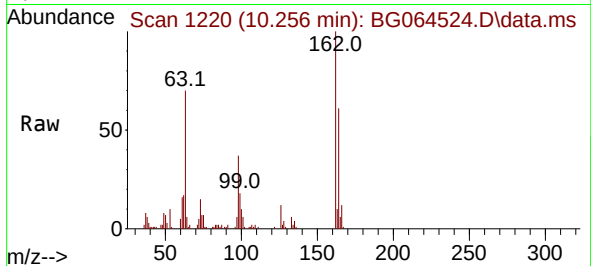




#29
2,4-Dichlorophenol
Concen: 57.937 ng
RT: 10.256 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

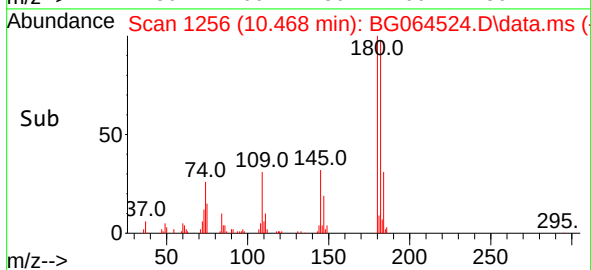
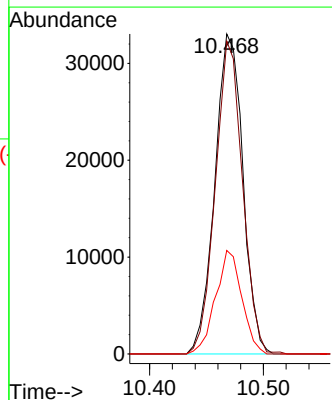
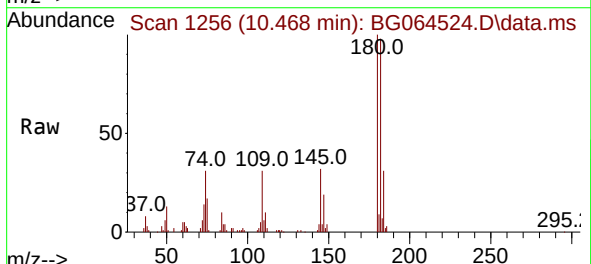
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

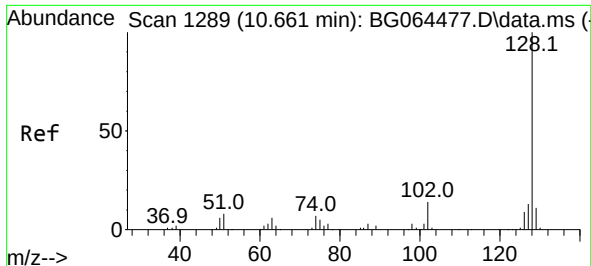
Tgt Ion:162 Resp: 52449
Ion Ratio Lower Upper
162 100
164 60.6 45.4 85.4
98 36.6 16.4 56.4



#30
1,2,4-Trichlorobenzene
Concen: 57.322 ng
RT: 10.468 min Scan# 1256
Delta R.T. -0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Tgt Ion:180 Resp: 56581
Ion Ratio Lower Upper
180 100
182 97.8 75.4 113.2
145 32.4 23.2 34.8

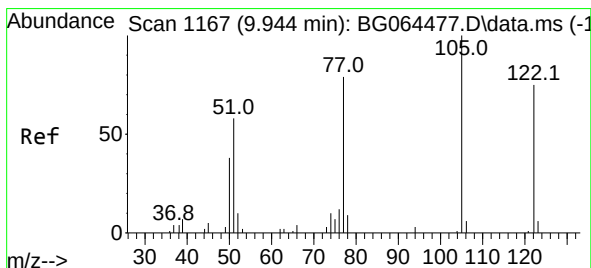
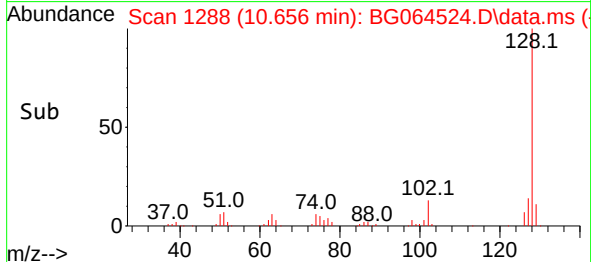
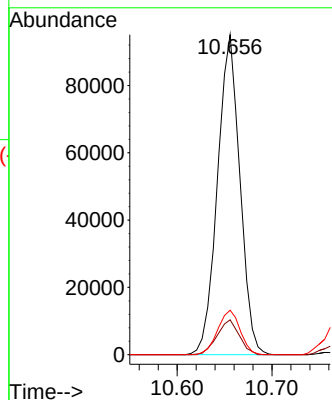
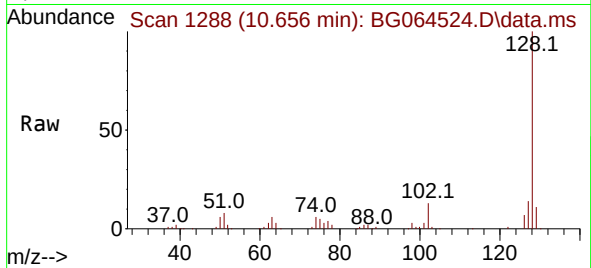




#31
Naphthalene
Concen: 54.686 ng
RT: 10.656 min Scan# 1168
Delta R.T. 0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

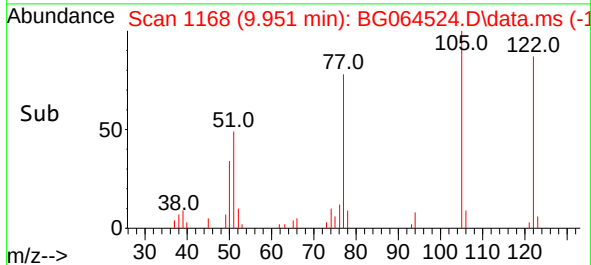
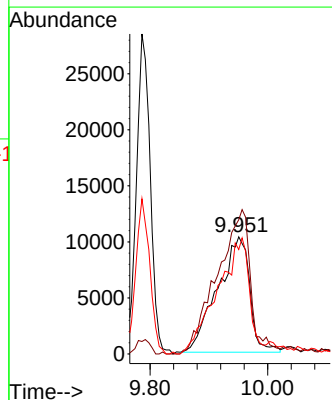
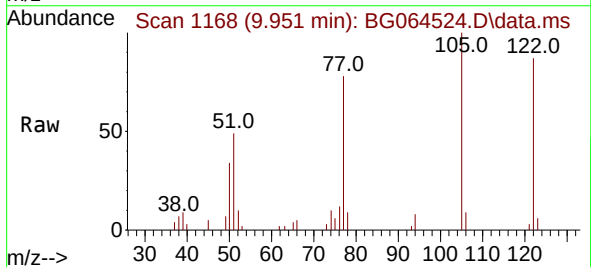
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

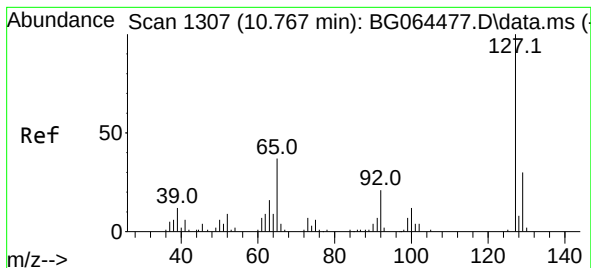
Tgt Ion:128 Resp: 156374
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.9 10.2 15.2



#32
Benzoic acid
Concen: 65.105 ng
RT: 9.951 min Scan# 1168
Delta R.T. 0.062 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Tgt Ion:122 Resp: 39131
Ion Ratio Lower Upper
122 100
105 114.7 113.9 153.9
77 89.2 86.1 126.1

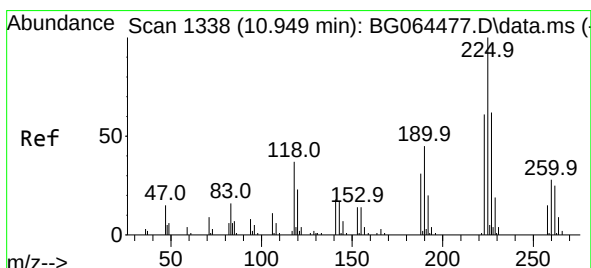
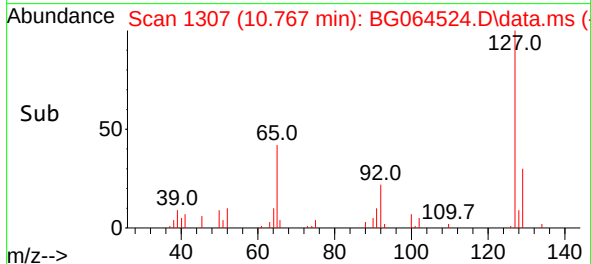
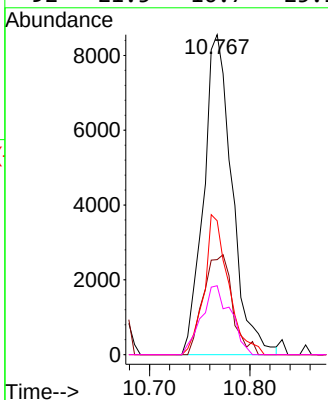
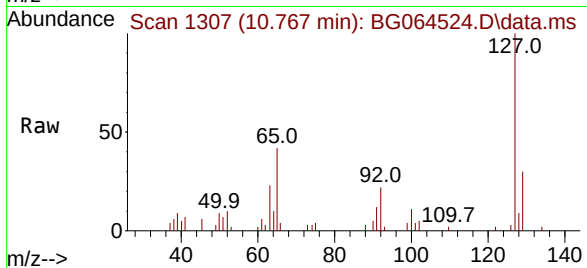




#33
4-Chloroaniline
Concen: 15.348 ng
RT: 10.767 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

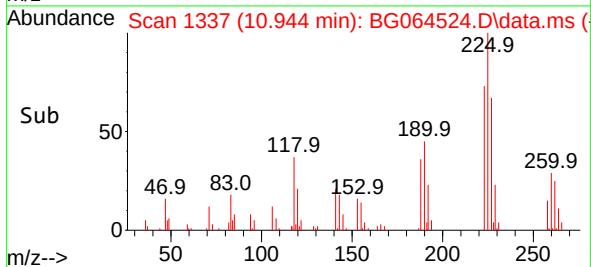
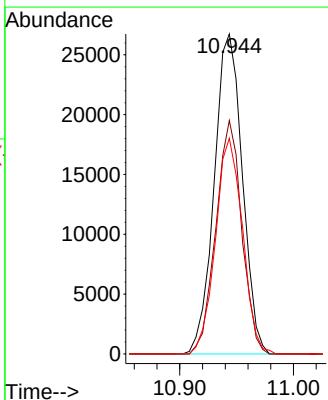
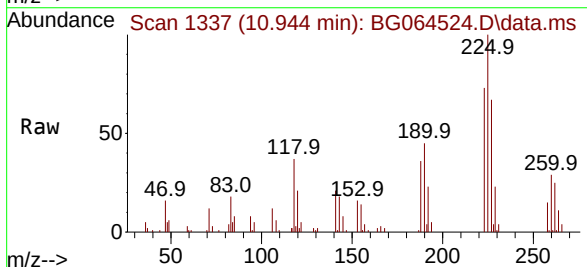
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

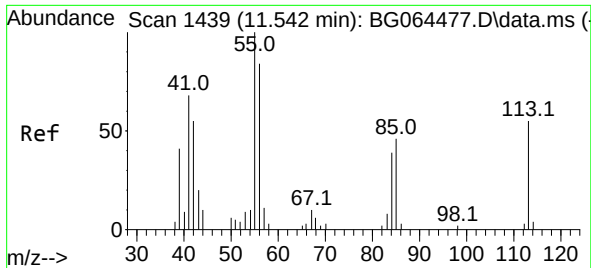
Tgt Ion:	127	Resp:	16841
Ion	Ratio	Lower	Upper
127	100		
129	29.7	24.2	36.4
65	41.8	29.6	44.4
92	21.5	16.7	25.1



#34
Hexachlorobutadiene
Concen: 54.253 ng
RT: 10.944 min Scan# 1337
Delta R.T. -0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Tgt Ion:	225	Resp:	45862
Ion	Ratio	Lower	Upper
225	100		
223	72.9	49.0	73.6
227	67.4	49.9	74.9

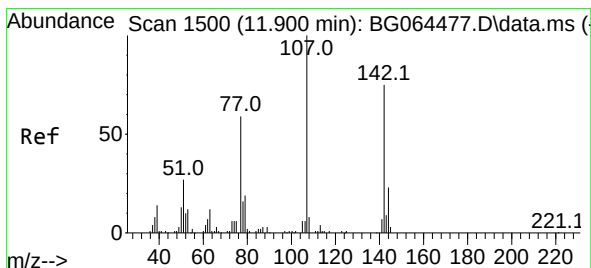
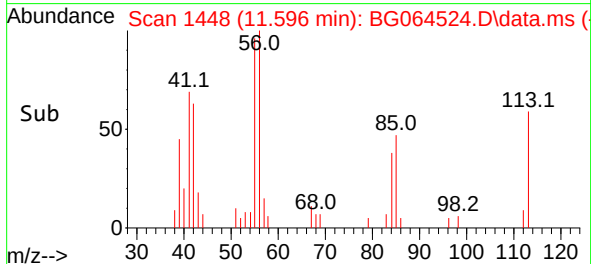
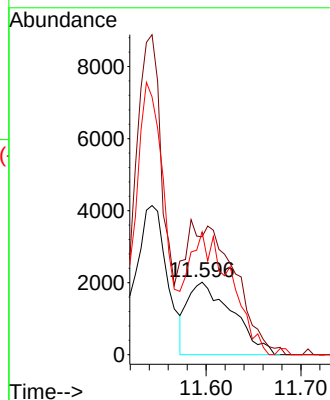
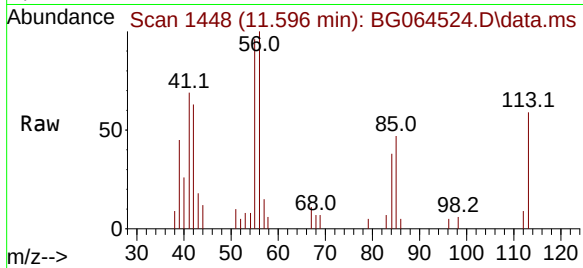




#35
 Caprolactam
 Concen: 21.203 ng
 RT: 11.596 min Scan# 1439
 Delta R.T. 0.086 min
 Lab File: BG064524.D
 Acq: 16 Oct 2025 20:22

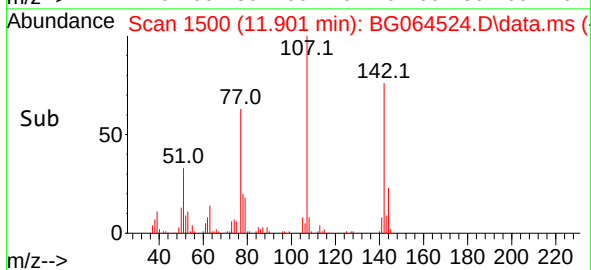
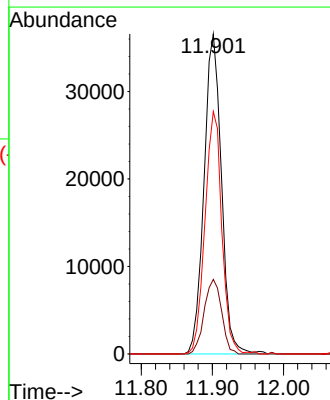
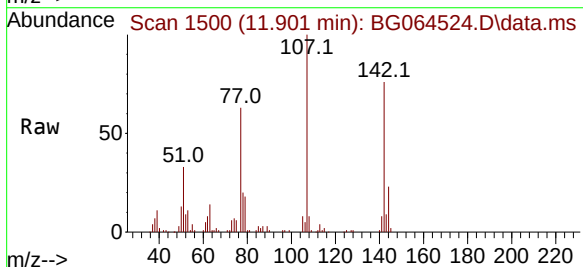
Instrument :
 BNA_G
 ClientSampleId :
 TP-3MSD

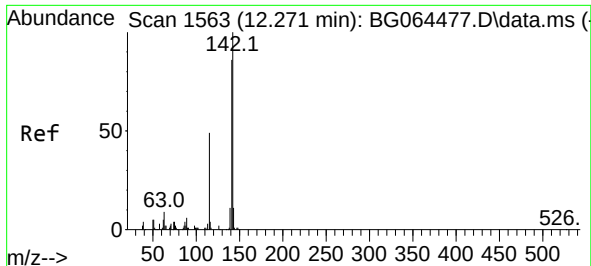
Tgt Ion:113 Resp: 6571
 Ion Ratio Lower Upper
 113 100
 55 162.8 162.0 202.0
 56 169.4 134.6 174.6



#36
 4-Chloro-3-methylphenol
 Concen: 56.712 ng
 RT: 11.901 min Scan# 1500
 Delta R.T. 0.009 min
 Lab File: BG064524.D
 Acq: 16 Oct 2025 20:22

Tgt Ion:107 Resp: 62434
 Ion Ratio Lower Upper
 107 100
 144 23.3 18.7 28.1
 142 75.8 60.2 90.2

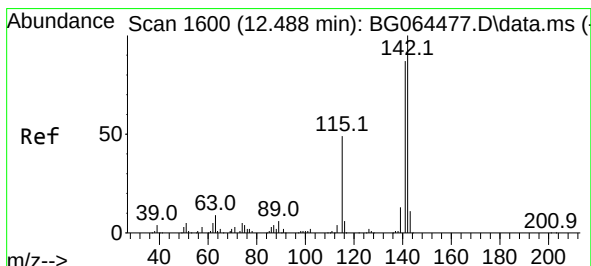
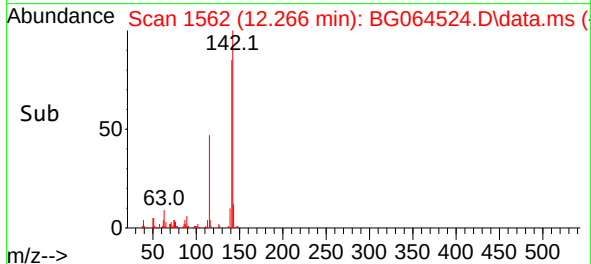
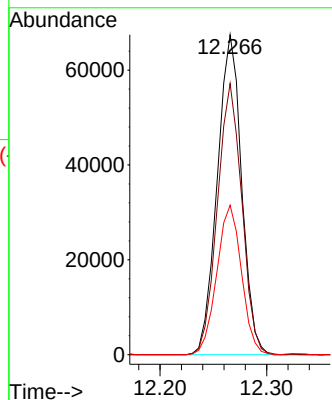
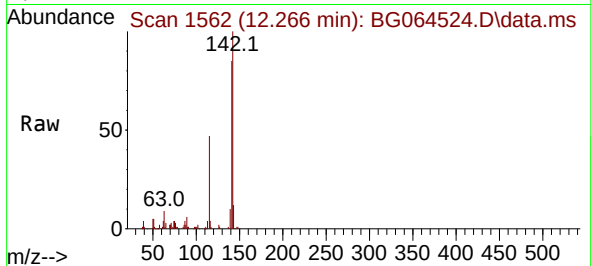




#37
2-Methylnaphthalene
Concen: 48.613 ng
RT: 12.266 min Scan# 1563
Delta R.T. -0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

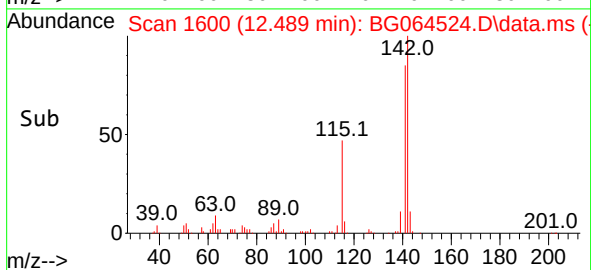
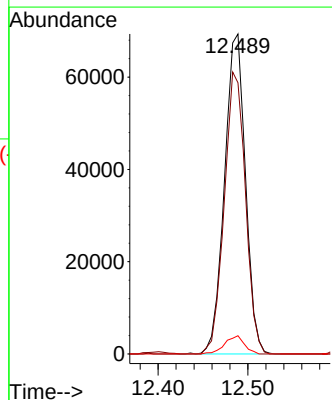
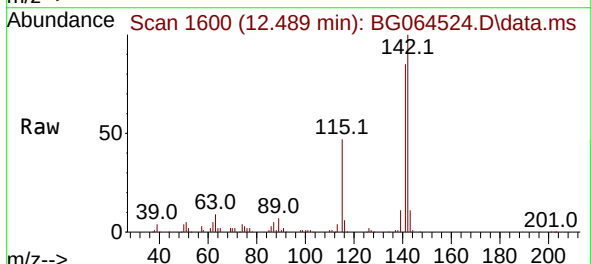
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

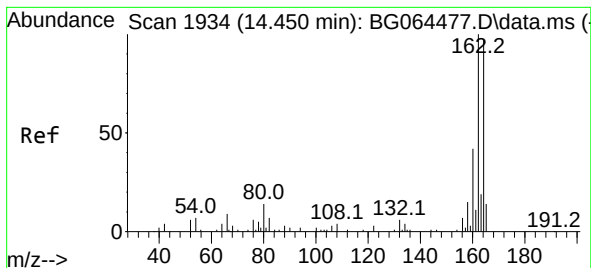
Tgt Ion:142 Resp: 106704
Ion Ratio Lower Upper
142 100
141 84.7 68.7 103.1
115 46.7 39.3 58.9



#38
1-Methylnaphthalene
Concen: 51.349 ng
RT: 12.489 min Scan# 1600
Delta R.T. 0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Tgt Ion:142 Resp: 112386
Ion Ratio Lower Upper
142 100
141 84.8 69.8 104.8
116 5.7 4.6 6.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1933

Delta R.T. -0.003 min

Lab File: BG064524.D

Acq: 16 Oct 2025 20:22

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

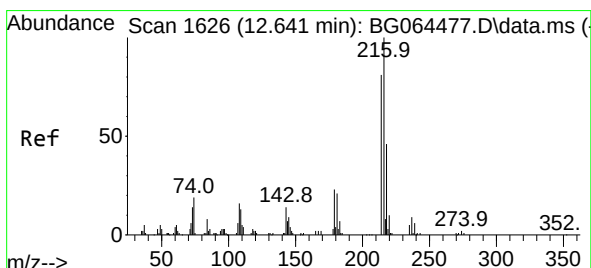
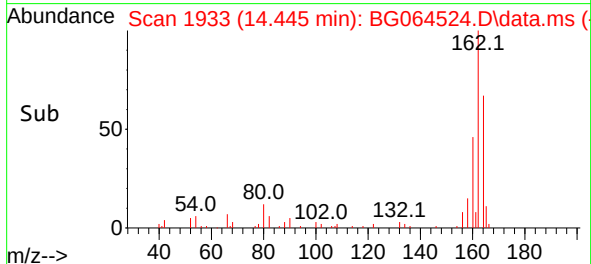
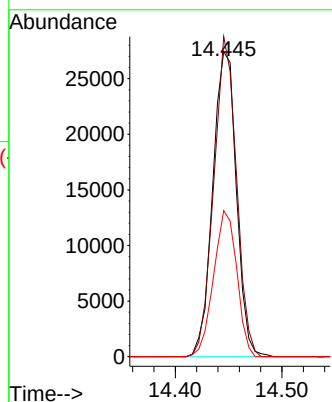
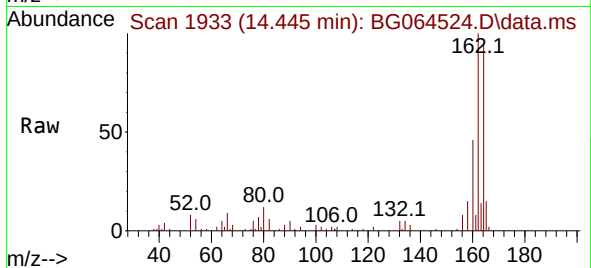
Tgt Ion:164 Resp: 42105

Ion Ratio Lower Upper

164 100

162 104.9 82.2 123.2

160 47.9 34.3 51.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 60.973 ng

RT: 12.636 min Scan# 1625

Delta R.T. -0.003 min

Lab File: BG064524.D

Acq: 16 Oct 2025 20:22

Tgt Ion:216 Resp: 82893

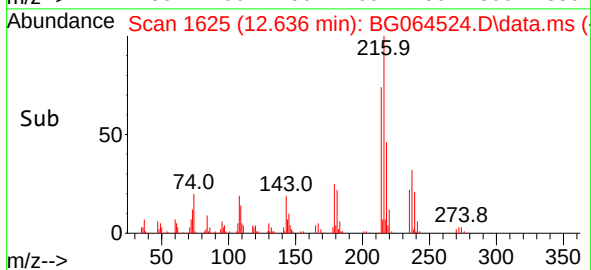
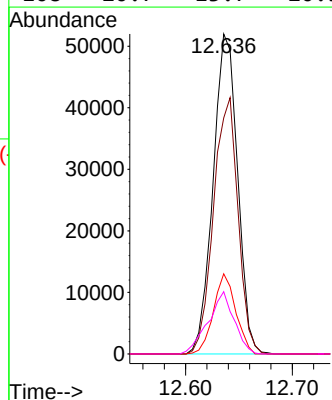
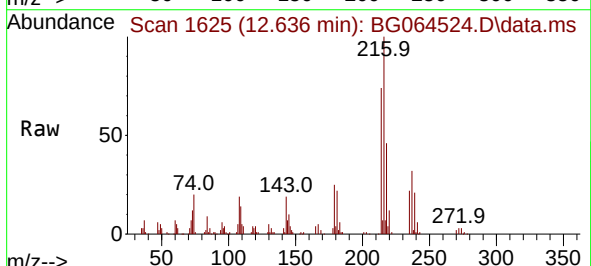
Ion Ratio Lower Upper

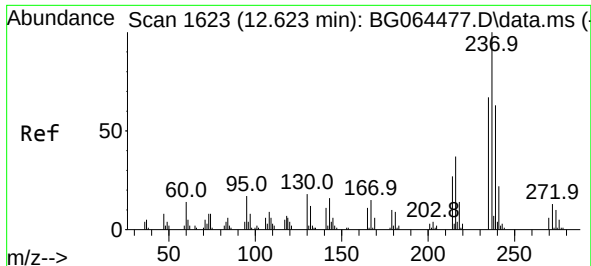
216 100

214 80.0 62.5 93.7

179 22.8 17.0 25.6

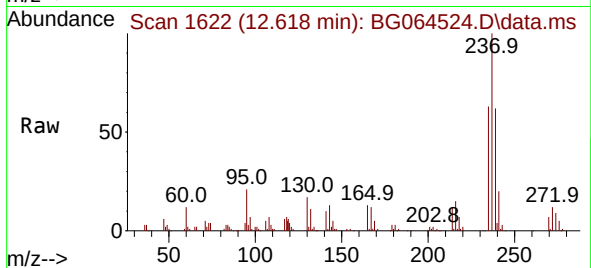
108 20.7 13.7 20.5#



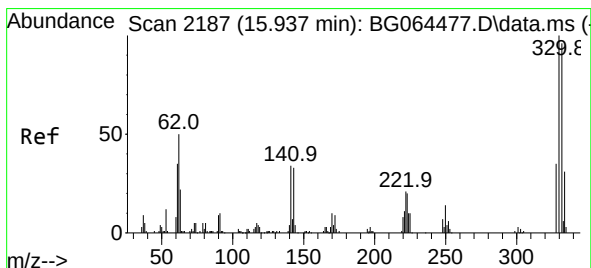
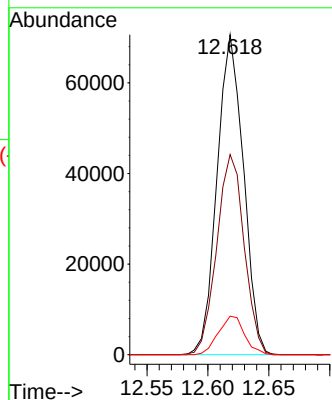
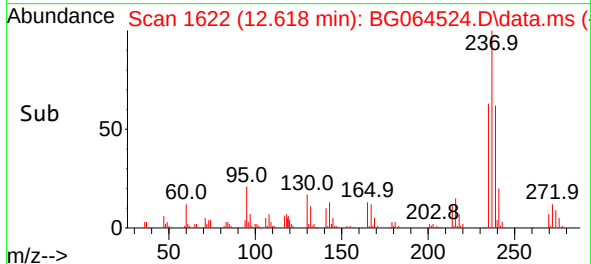


#41
Hexachlorocyclopentadiene
Concen: 149.697 ng
RT: 12.618 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

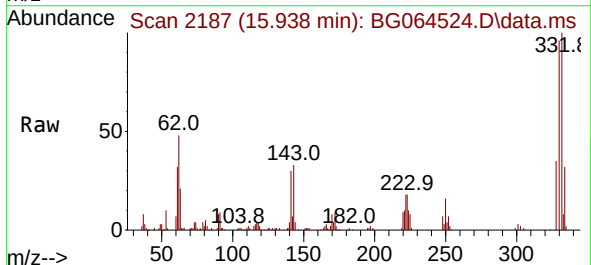
Instrument :
BNA_G
ClientSampleId :
TP-3MSD



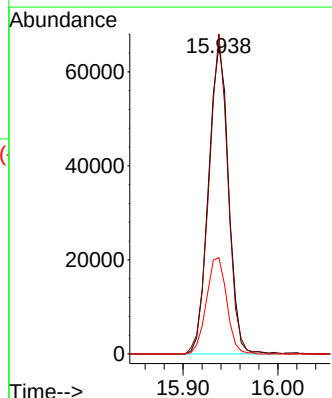
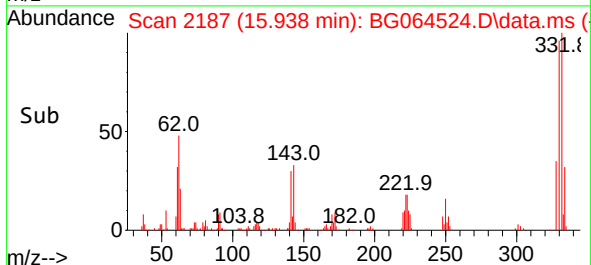
Tgt Ion:237 Resp: 106456
Ion Ratio Lower Upper
237 100
235 62.6 46.9 86.9
272 12.1 0.0 32.6

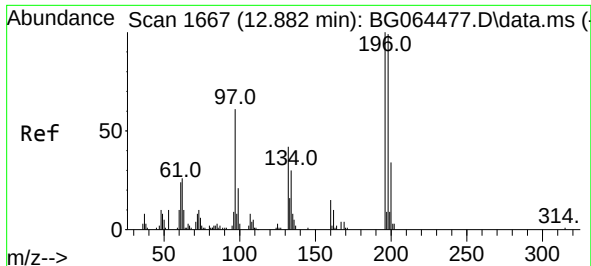


#42
2,4,6-Tribromophenol
Concen: 125.990 ng
RT: 15.938 min Scan# 2187
Delta R.T. 0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22



Tgt Ion:330 Resp: 96157
Ion Ratio Lower Upper
330 100
332 98.6 77.4 116.0
141 31.7 25.8 38.6

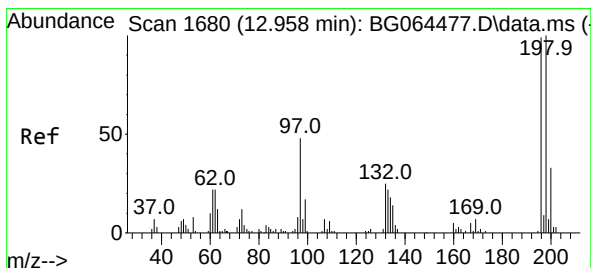
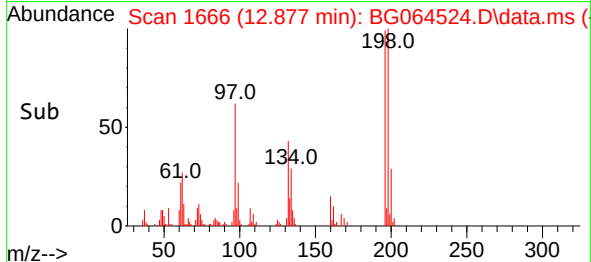
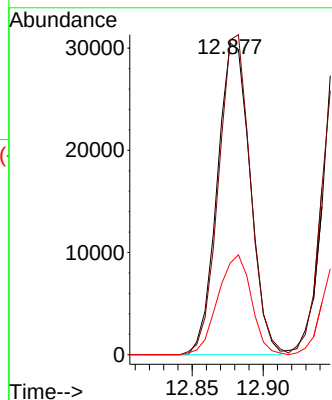
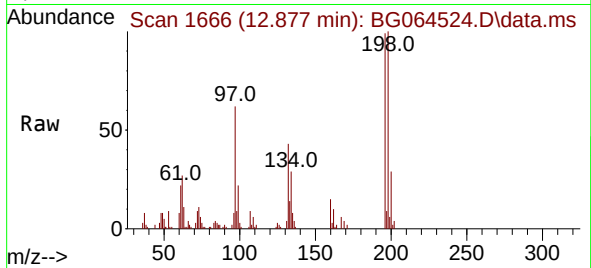




#43
2,4,6-Trichlorophenol
Concen: 56.495 ng
RT: 12.877 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

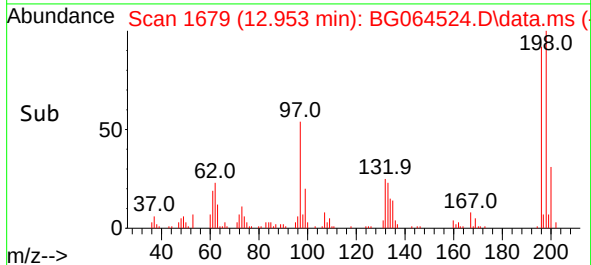
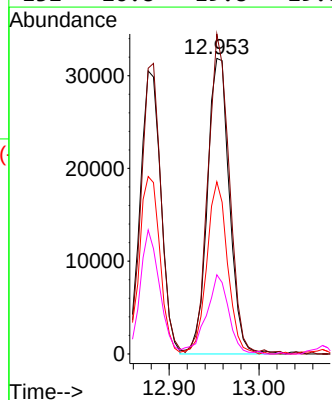
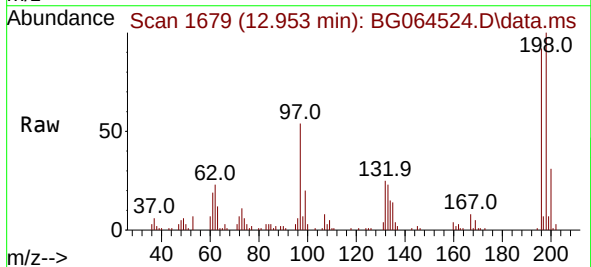
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

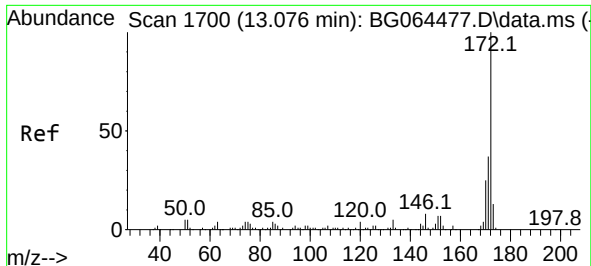
Tgt Ion:196 Resp: 49098
Ion Ratio Lower Upper
196 100
198 101.0 79.3 118.9
200 29.4 27.4 41.2



#44
2,4,5-Trichlorophenol
Concen: 56.053 ng
RT: 12.953 min Scan# 1679
Delta R.T. -0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Tgt Ion:196 Resp: 54385
Ion Ratio Lower Upper
196 100
198 108.3 80.3 120.5
97 58.3 39.4 59.0
132 26.8 19.8 29.8

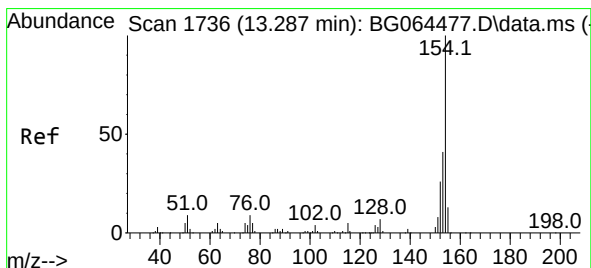
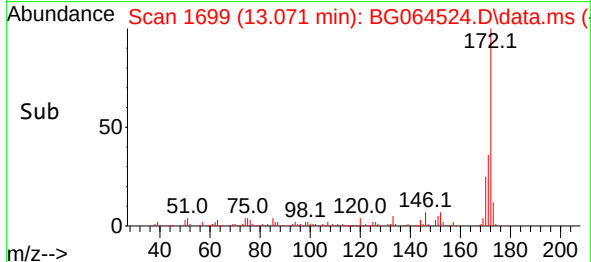
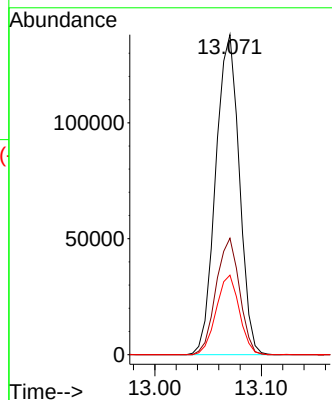
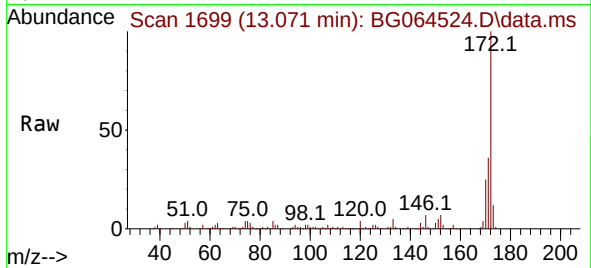




#45
2-Fluorobiphenyl
Concen: 74.119 ng
RT: 13.071 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

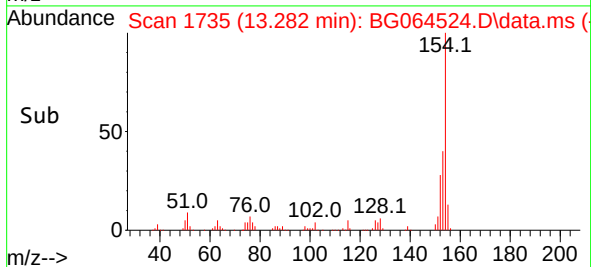
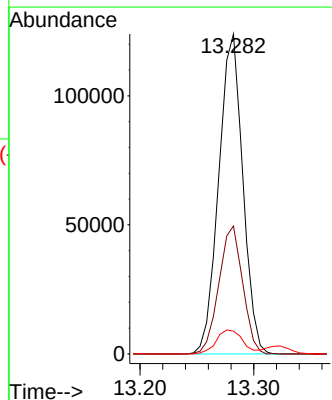
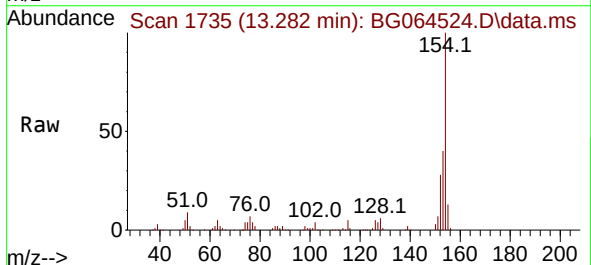
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

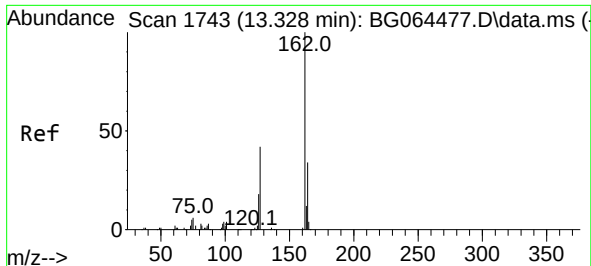
Tgt Ion:172 Resp: 211721
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.9 20.2 30.2



#46
1,1'-Biphenyl
Concen: 60.151 ng
RT: 13.282 min Scan# 1735
Delta R.T. 0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Tgt Ion:154 Resp: 182156
Ion Ratio Lower Upper
154 100
153 40.0 20.7 60.7
76 7.2 0.0 29.3

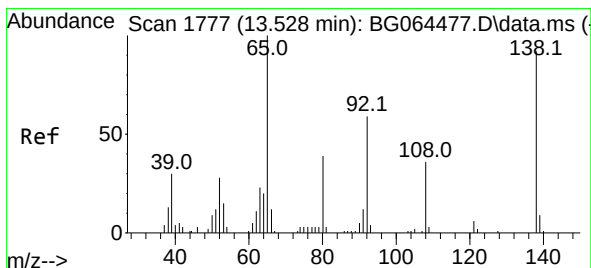
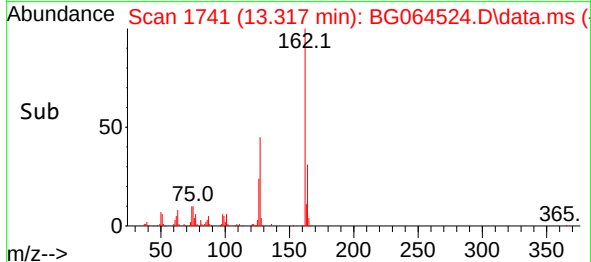
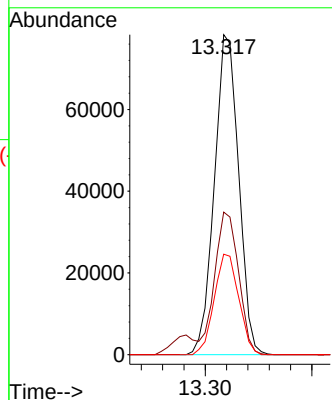
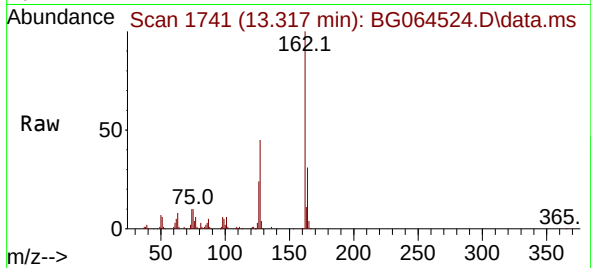




#47
2-Chloronaphthalene
Concen: 54.740 ng
RT: 13.317 min Scan# 1741
Delta R.T. -0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

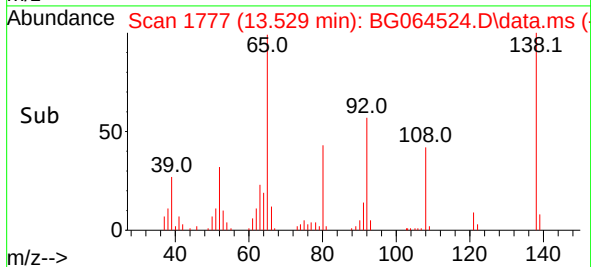
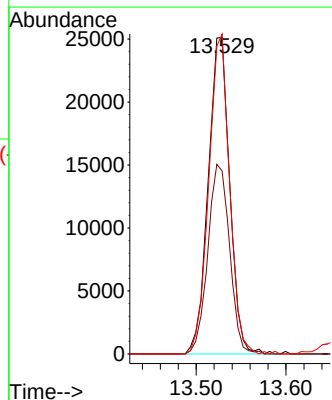
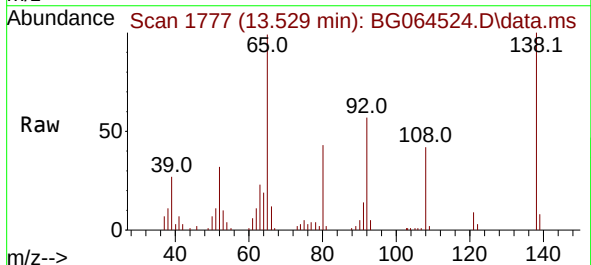
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

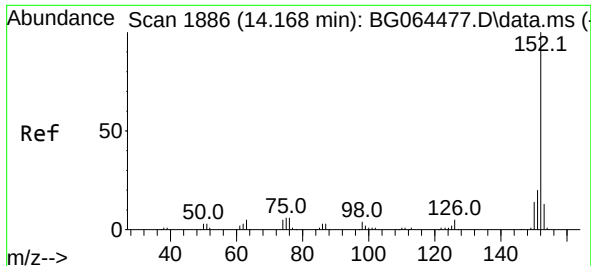
Tgt Ion:162 Resp: 123768
Ion Ratio Lower Upper
162 100
127 44.6 35.8 53.8
164 31.4 27.2 40.8



#48
2-Nitroaniline
Concen: 54.064 ng
RT: 13.529 min Scan# 1777
Delta R.T. 0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Tgt Ion: 65 Resp: 41720
Ion Ratio Lower Upper
65 100
92 57.8 47.0 70.6
138 101.1 73.5 110.3

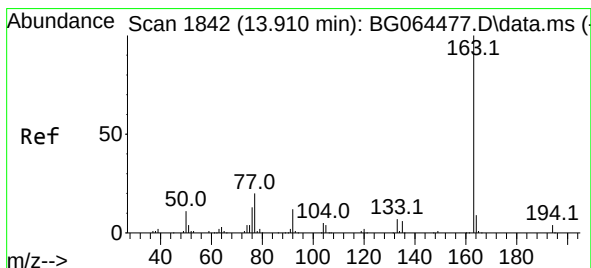
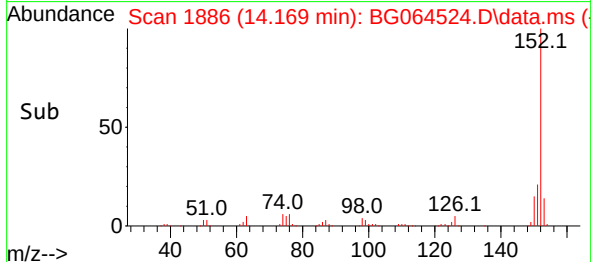
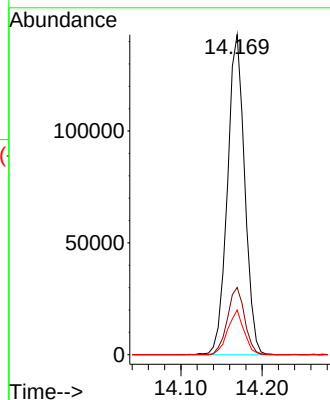
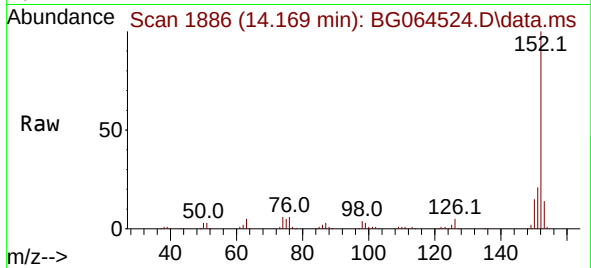




#49
Acenaphthylene
Concen: 62.942 ng
RT: 14.169 min Scan# 1886
Delta R.T. -0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

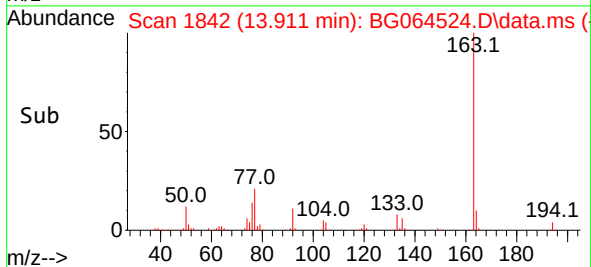
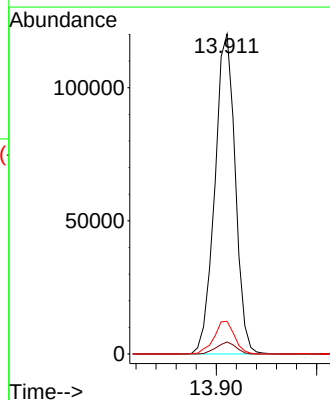
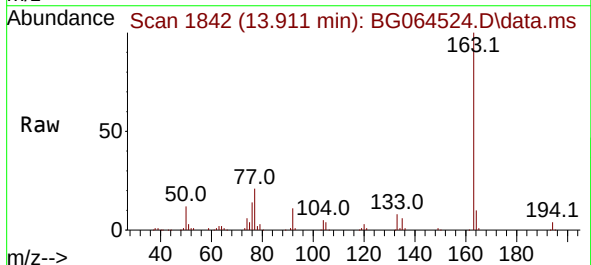
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

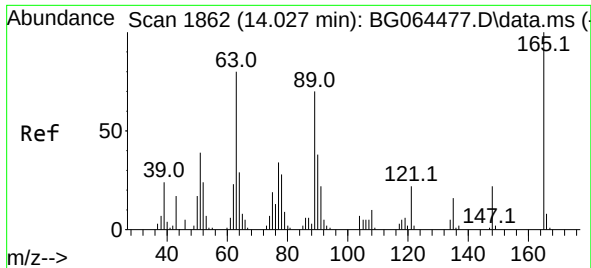
Tgt Ion:152 Resp: 211257
Ion Ratio Lower Upper
152 100
151 21.0 15.8 23.6
153 13.9 10.6 15.8



#50
Dimethylphthalate
Concen: 51.447 ng
RT: 13.911 min Scan# 1842
Delta R.T. 0.009 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Tgt Ion:163 Resp: 169657
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 10.2 7.4 11.0

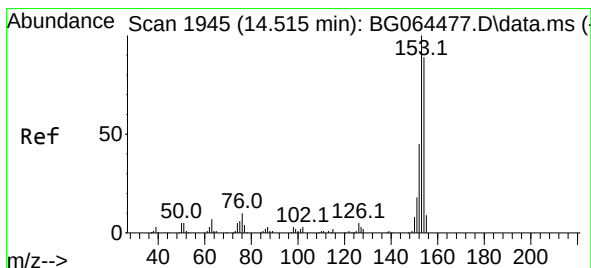
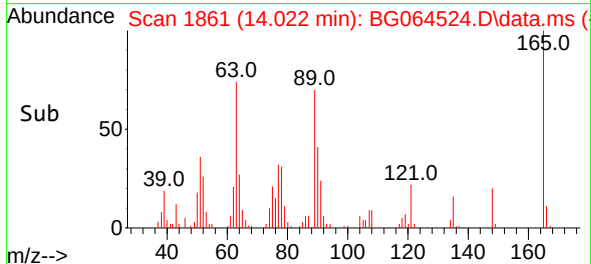
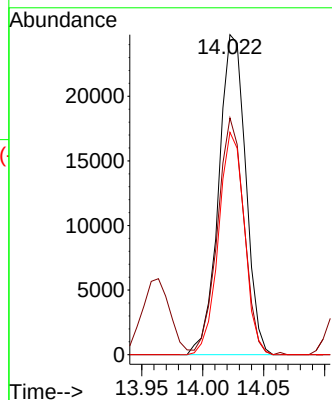
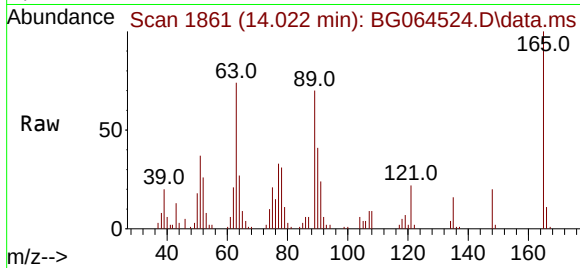




#51
2,6-Dinitrotoluene
Concen: 55.509 ng
RT: 14.022 min Scan# 1861
Delta R.T. 0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

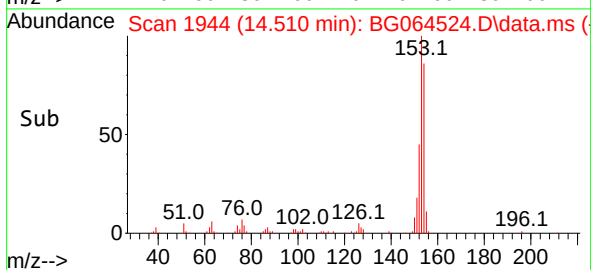
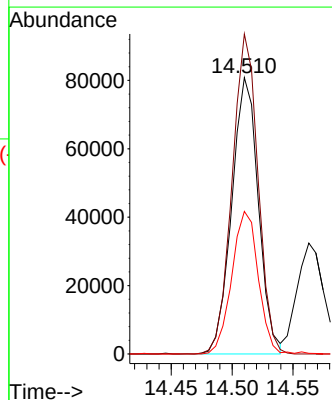
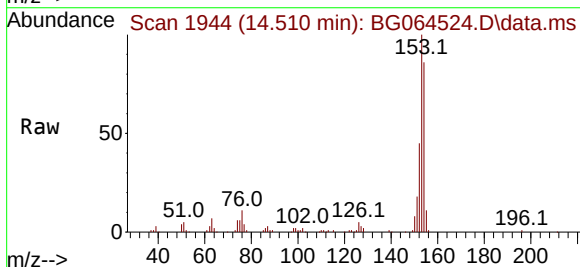
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

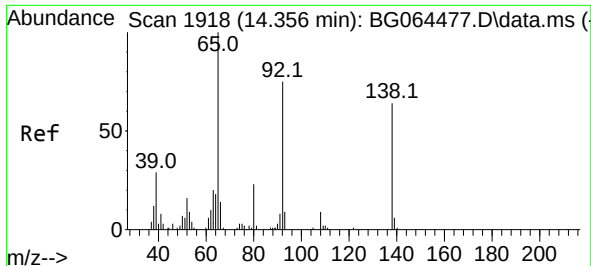
Tgt Ion:165 Resp: 38132
Ion Ratio Lower Upper
165 100
63 74.0 63.9 95.9
89 69.5 56.1 84.1



#52
Acenaphthene
Concen: 52.799 ng
RT: 14.510 min Scan# 1944
Delta R.T. -0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Tgt Ion:154 Resp: 123120
Ion Ratio Lower Upper
154 100
153 115.8 90.2 135.4
152 51.6 40.2 60.4

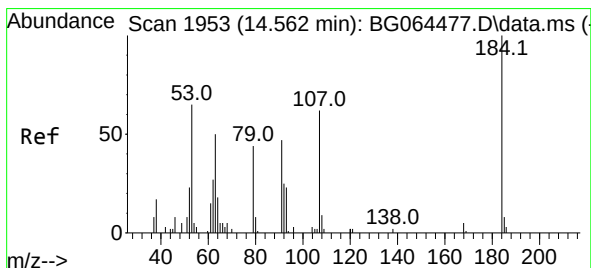
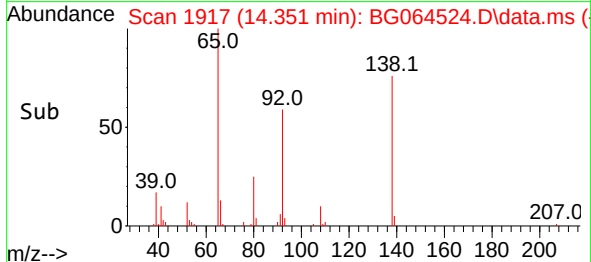
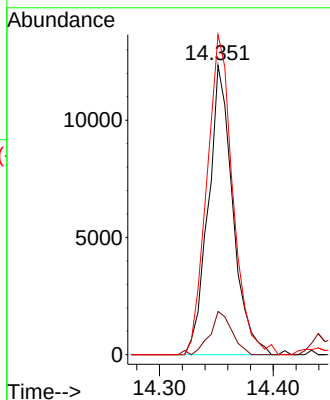
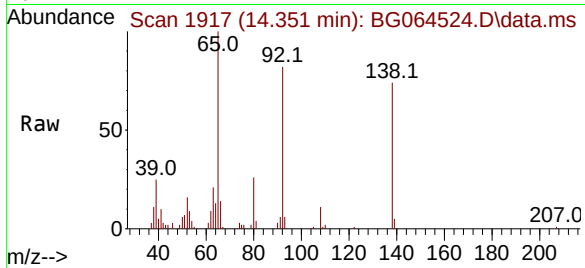




#53
3-Nitroaniline
Concen: 29.137 ng
RT: 14.351 min Scan# 1917
Delta R.T. 0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

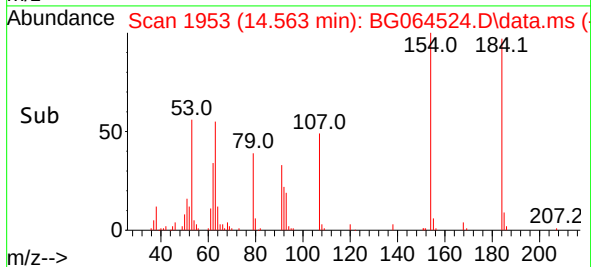
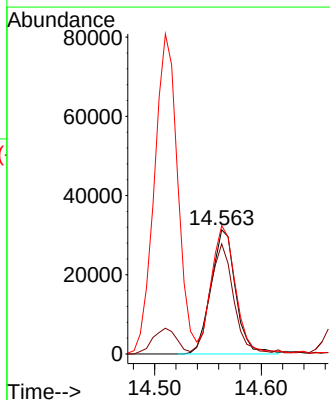
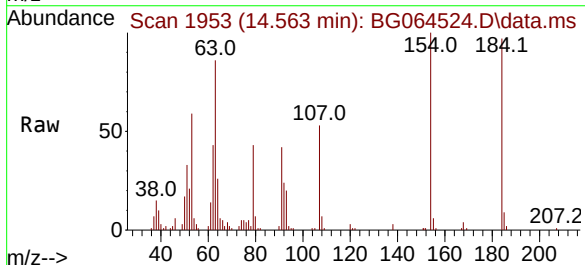
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

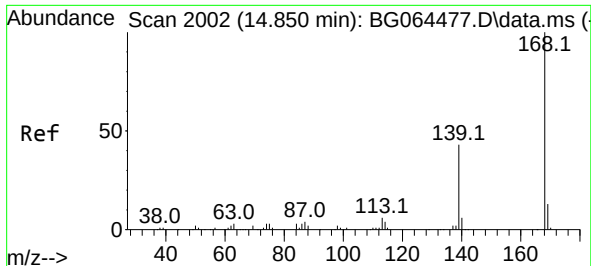
Tgt Ion:138 Resp: 18459
Ion Ratio Lower Upper
138 100
108 14.9 10.6 15.8
92 110.6 93.2 139.8



#54
2,4-Dinitrophenol
Concen: 100.523 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Tgt Ion:184 Resp: 50072
Ion Ratio Lower Upper
184 100
63 88.7 69.0 103.4
154 103.4 95.6 143.4

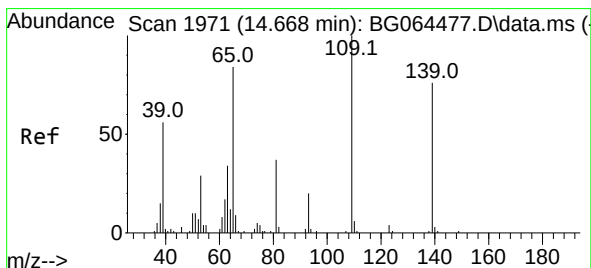
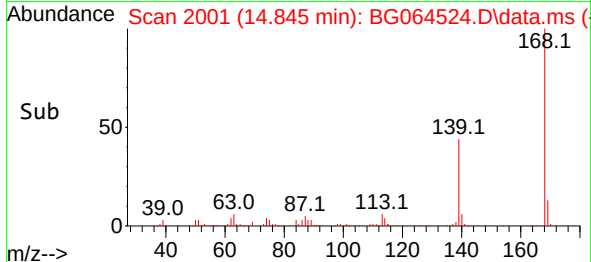
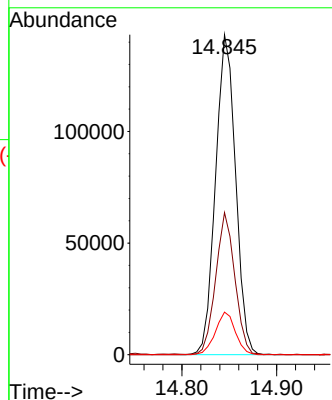
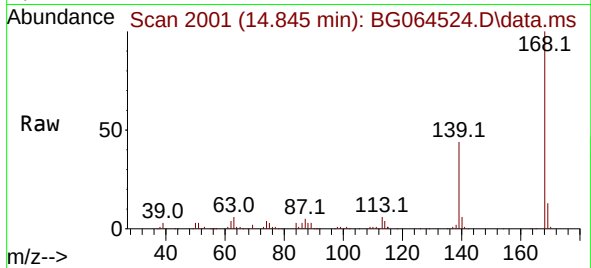




#55
Dibenzofuran
Concen: 54.679 ng
RT: 14.845 min Scan# 2002
Delta R.T. -0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

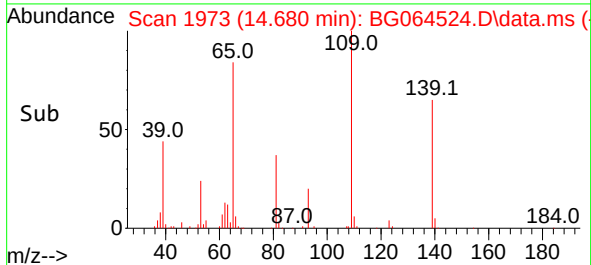
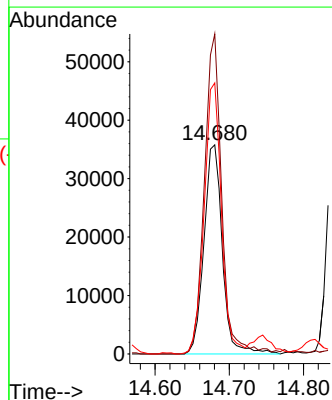
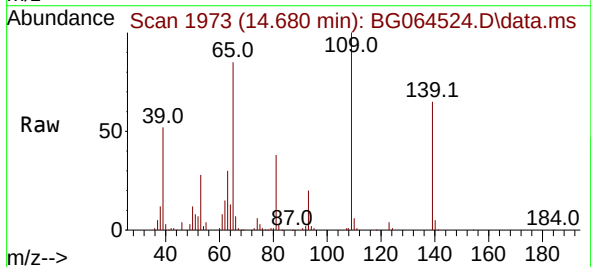
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

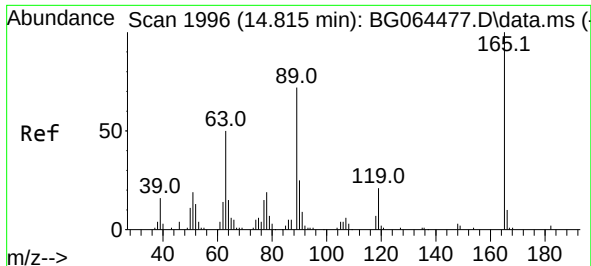
Tgt Ion:168 Resp: 210528
Ion Ratio Lower Upper
168 100
139 44.4 34.0 51.0
169 13.3 10.2 15.2



#56
4-Nitrophenol
Concen: 123.671 ng
RT: 14.680 min Scan# 1973
Delta R.T. 0.015 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Tgt Ion:139 Resp: 61686
Ion Ratio Lower Upper
139 100
109 153.1 111.8 151.8#
65 129.7 91.1 131.1





#57

2,4-Dinitrotoluene

Concen: 56.662 ng

RT: 14.816 min Scan# 1996

Delta R.T. 0.003 min

Lab File: BG064524.D

Acq: 16 Oct 2025 20:22

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

Tgt Ion:165 Resp: 59502

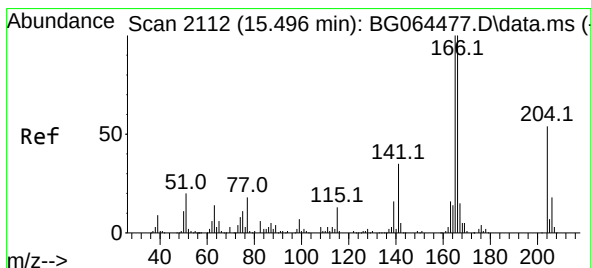
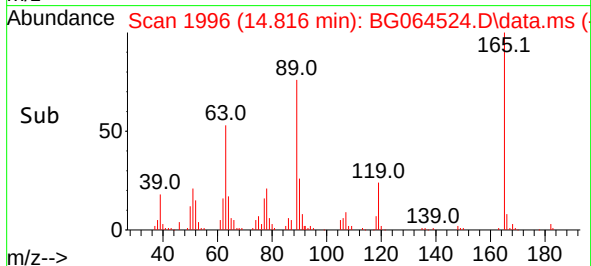
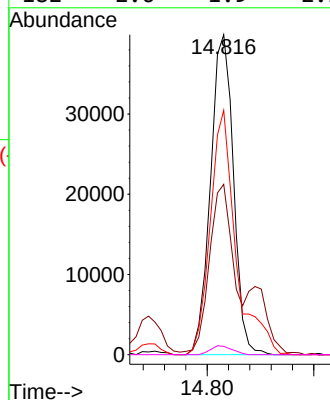
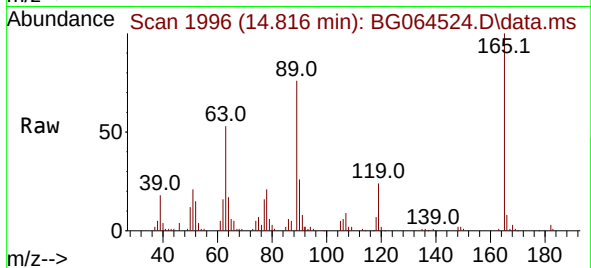
Ion Ratio Lower Upper

165 100

63 53.3 40.4 60.6

89 76.3 57.3 85.9

182 2.6 1.9 2.9



#58

Fluorene

Concen: 55.370 ng

RT: 15.497 min Scan# 2112

Delta R.T. 0.003 min

Lab File: BG064524.D

Acq: 16 Oct 2025 20:22

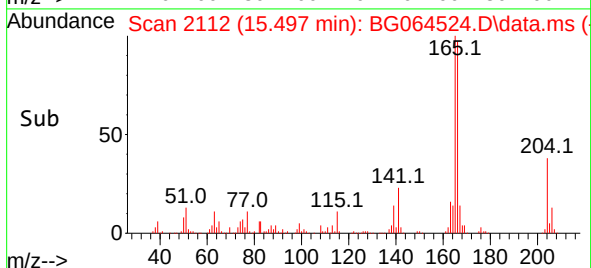
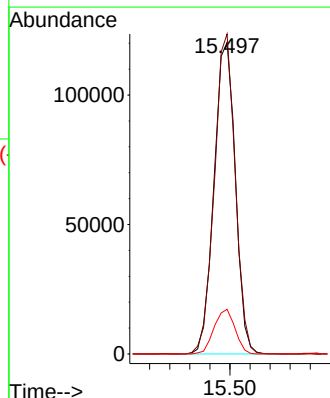
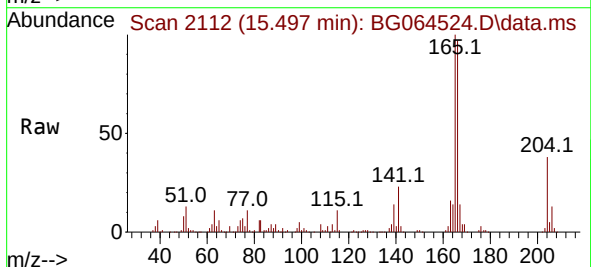
Tgt Ion:166 Resp: 177232

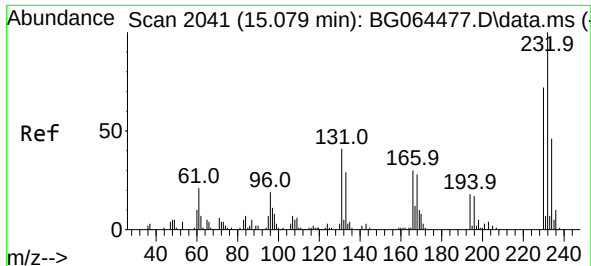
Ion Ratio Lower Upper

166 100

165 102.7 79.8 119.6

167 14.4 11.7 17.5

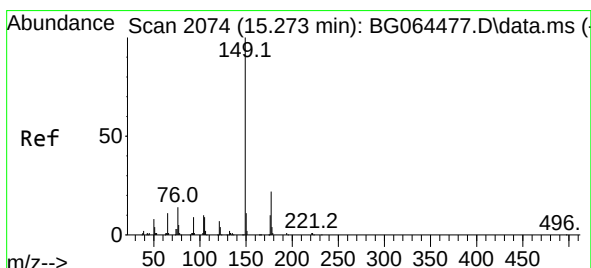
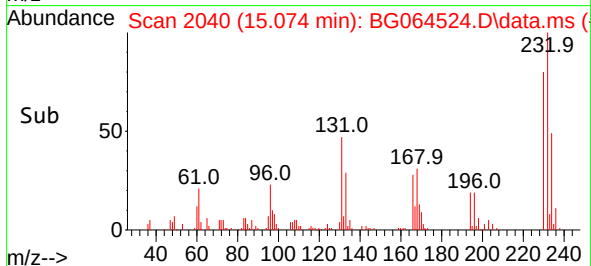
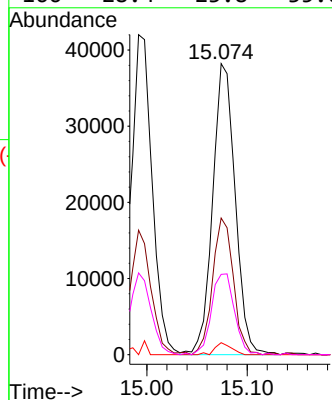
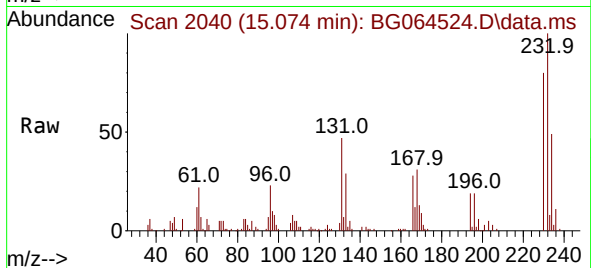




#59
2,3,4,6-Tetrachlorophenol
Concen: 60.327 ng
RT: 15.074 min Scan# 2041
Delta R.T. 0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

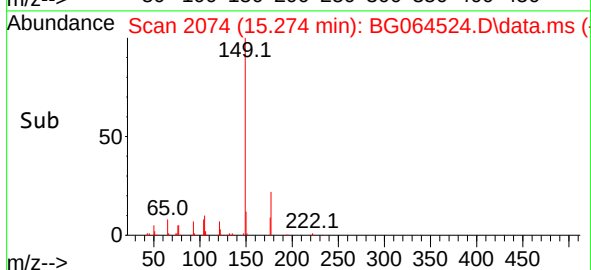
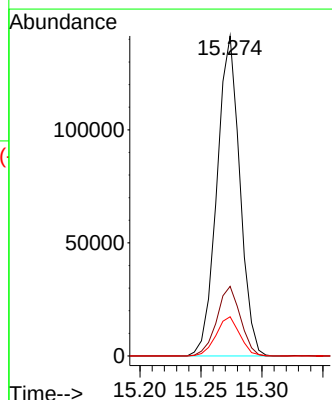
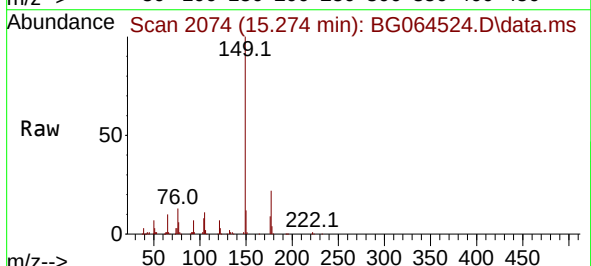
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

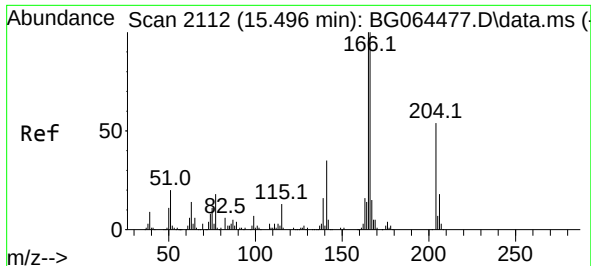
Tgt Ion:232 Resp: 59735
Ion Ratio Lower Upper
232 100
131 43.3 35.0 52.4
130 3.0 2.0 3.0
166 28.4 23.8 35.6



#60
Diethylphthalate
Concen: 52.289 ng
RT: 15.274 min Scan# 2074
Delta R.T. 0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Tgt Ion:149 Resp: 184977
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.0
150 12.2 9.1 13.7

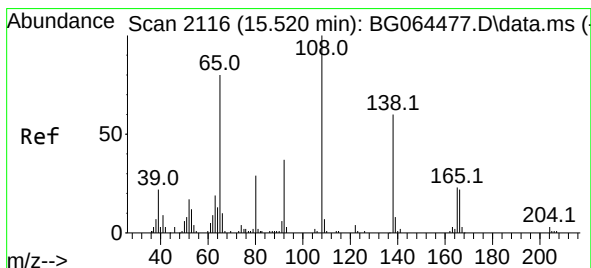
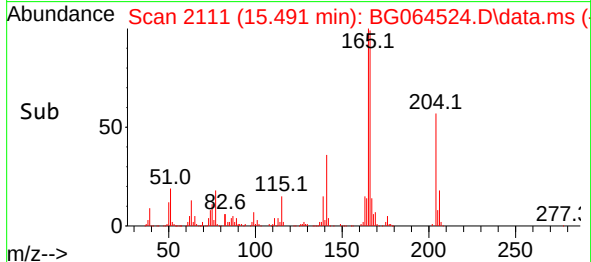
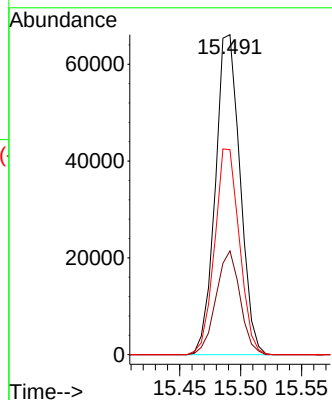
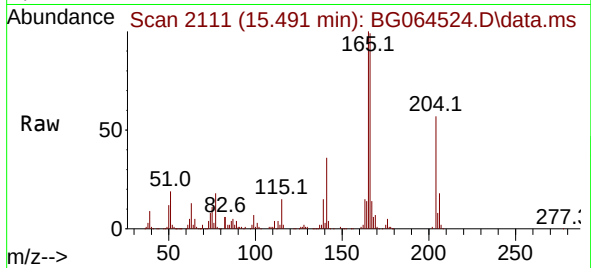




#61
4-Chlorophenyl-phenylether
Concen: 53.365 ng
RT: 15.491 min Scan# 2111
Delta R.T. 0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

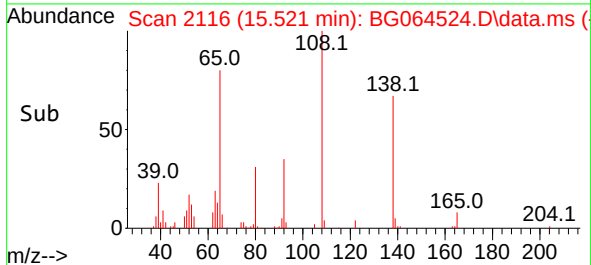
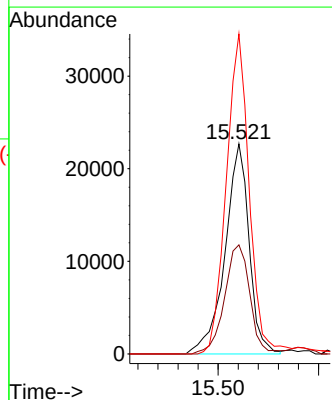
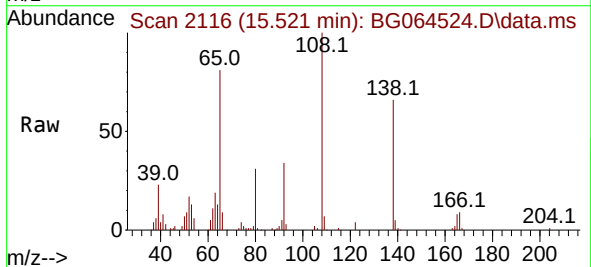
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

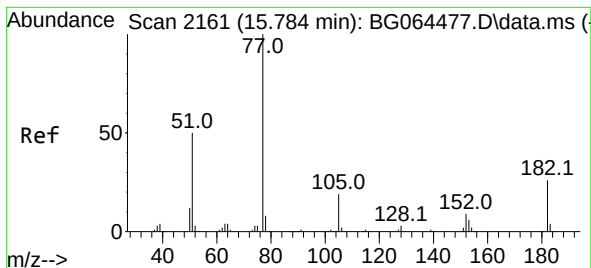
Tgt Ion:204 Resp: 93256
Ion Ratio Lower Upper
204 100
206 32.5 27.1 40.7
141 64.1 51.5 77.3



#62
4-Nitroaniline
Concen: 57.264 ng
RT: 15.521 min Scan# 2116
Delta R.T. 0.009 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Tgt Ion:138 Resp: 37812
Ion Ratio Lower Upper
138 100
92 51.9 42.3 82.3
108 152.3 147.7 187.7





#63

Azobenzene

Concen: 60.675 ng

RT: 15.785 min Scan# 2161

Delta R.T. 0.003 min

Lab File: BG064524.D

Acq: 16 Oct 2025 20:22

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

Tgt Ion: 77 Resp: 166233

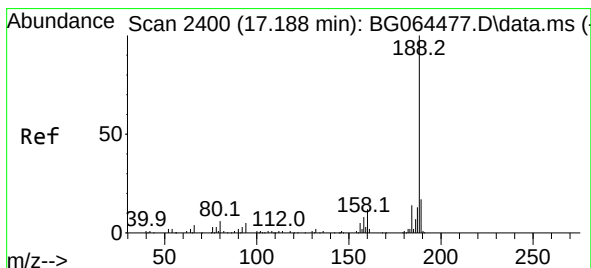
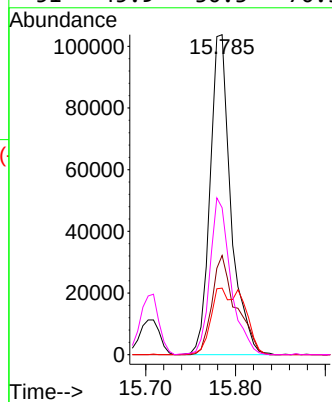
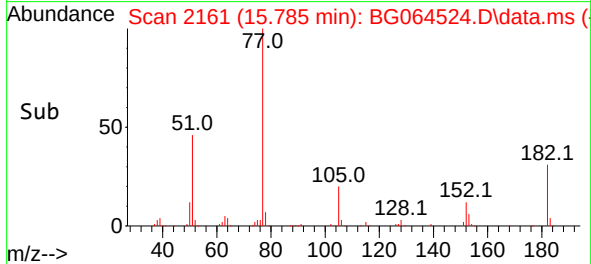
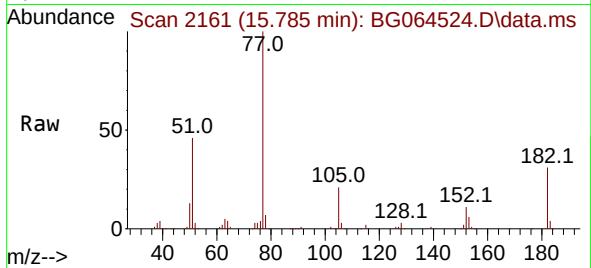
Ion Ratio Lower Upper

77 100

182 31.0 6.3 46.3

105 20.8 0.0 38.7

51 45.9 30.3 70.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 2400

Delta R.T. 0.003 min

Lab File: BG064524.D

Acq: 16 Oct 2025 20:22

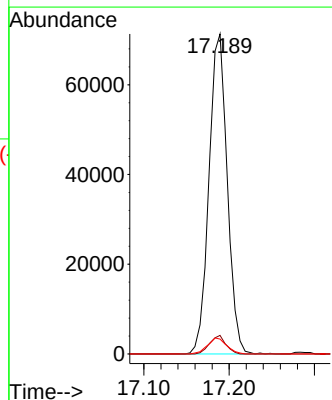
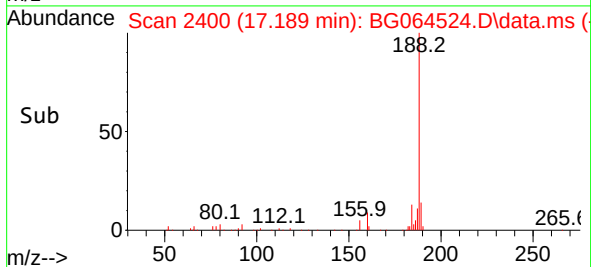
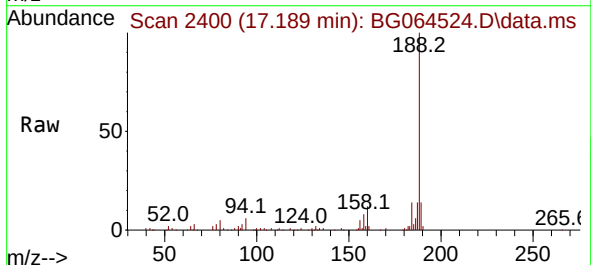
Tgt Ion:188 Resp: 106014

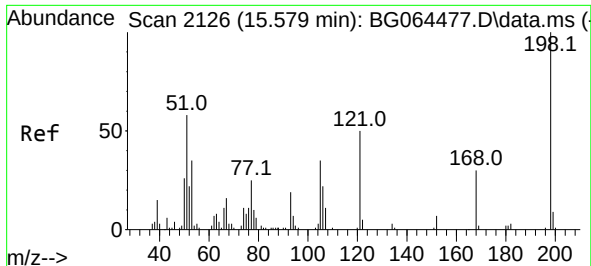
Ion Ratio Lower Upper

188 100

94 5.8 3.7 5.5#

80 4.7 4.5 6.7

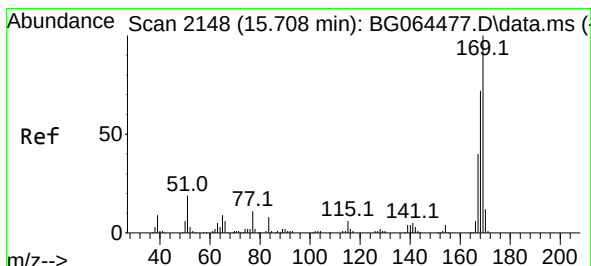
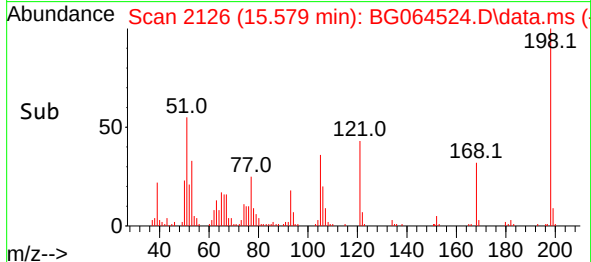
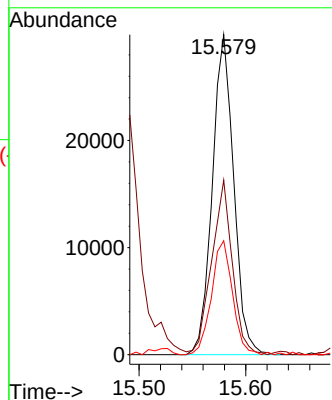
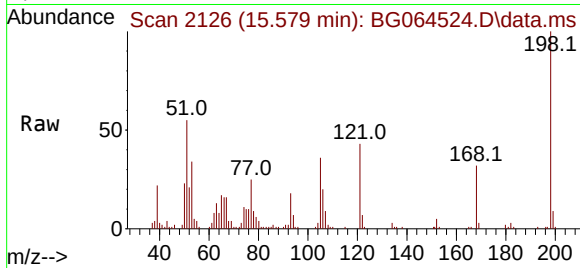




#65
 4,6-Dinitro-2-methylphenol
 Concen: 56.354 ng
 RT: 15.579 min Scan# 2126
 Delta R.T. 0.003 min
 Lab File: BG064524.D
 Acq: 16 Oct 2025 20:22

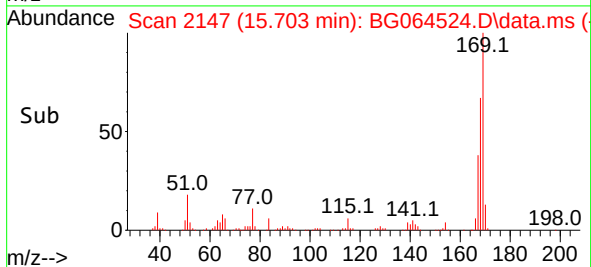
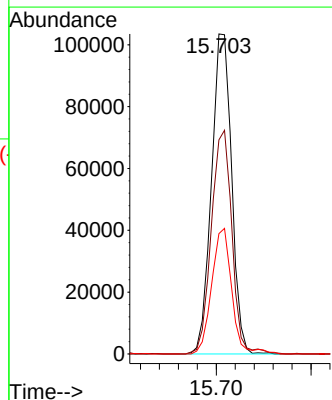
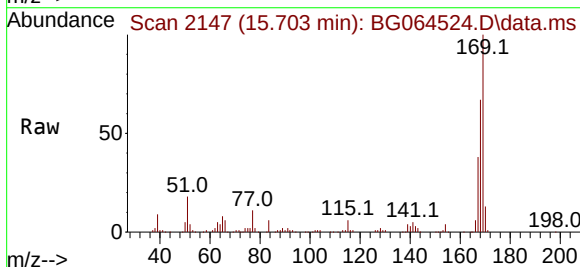
Instrument :
 BNA_G
 ClientSampleId :
 TP-3MSD

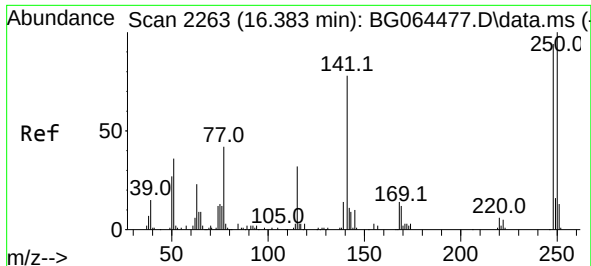
Tgt Ion:198 Resp: 41597
 Ion Ratio Lower Upper
 198 100
 51 54.5 39.0 79.0
 105 35.6 15.8 55.8



#66
 n-Nitrosodiphenylamine
 Concen: 53.889 ng
 RT: 15.703 min Scan# 2147
 Delta R.T. -0.003 min
 Lab File: BG064524.D
 Acq: 16 Oct 2025 20:22

Tgt Ion:169 Resp: 152560
 Ion Ratio Lower Upper
 169 100
 168 66.9 57.8 86.6
 167 37.6 31.7 47.5

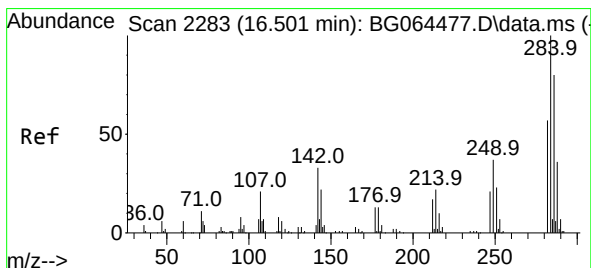
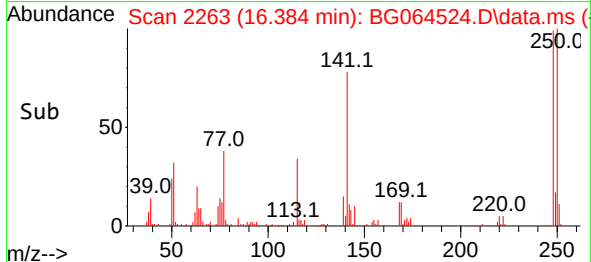
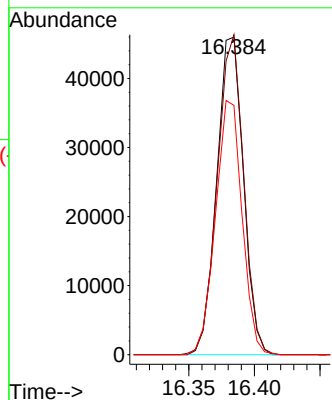
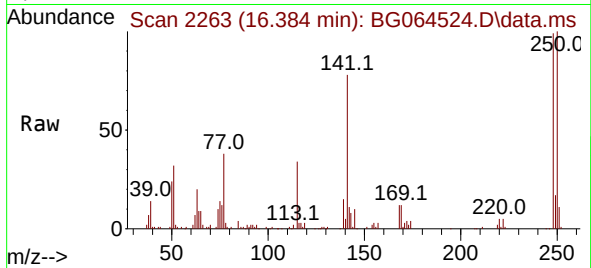




#67
4-Bromophenyl-phenylether
Concen: 52.152 ng
RT: 16.384 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

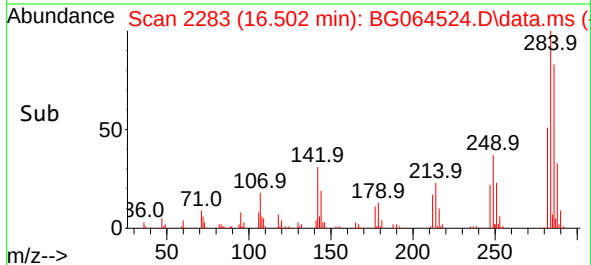
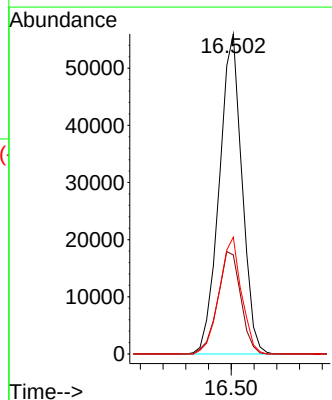
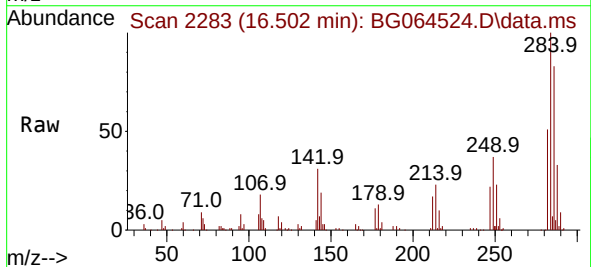
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

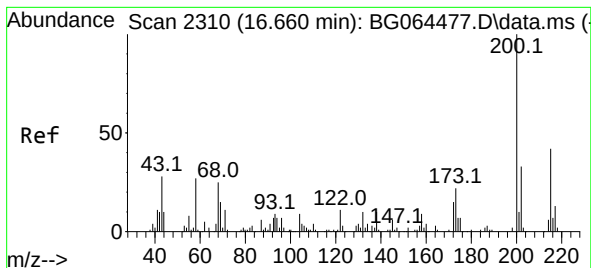
Tgt Ion:248 Resp: 65062
Ion Ratio Lower Upper
248 100
250 100.7 85.3 127.9
141 78.5 66.2 99.2



#68
Hexachlorobenzene
Concen: 54.499 ng
RT: 16.502 min Scan# 2283
Delta R.T. 0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Tgt Ion:284 Resp: 77800
Ion Ratio Lower Upper
284 100
142 31.0 26.2 39.2
249 38.7 29.4 44.0





#69

Atrazine

Concen: 58.507 ng

RT: 16.655 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG064524.D

Acq: 16 Oct 2025 20:22

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

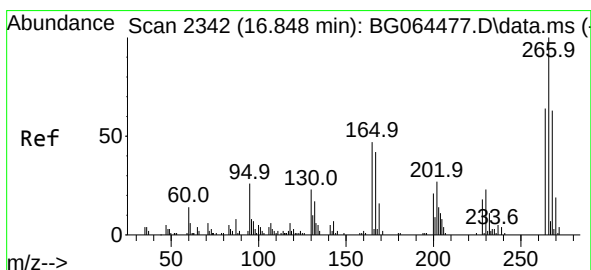
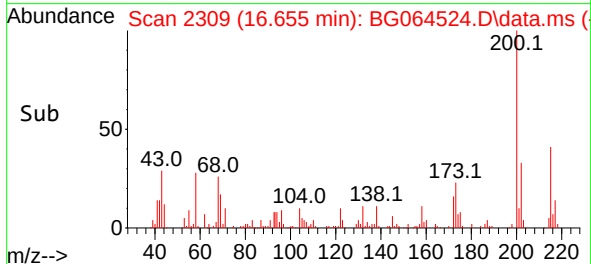
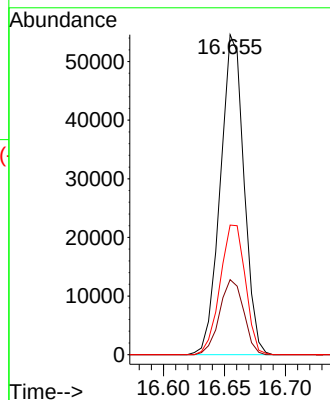
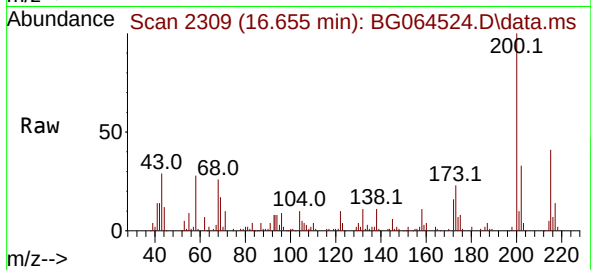
Tgt Ion:200 Resp: 73691

Ion Ratio Lower Upper

200 100

173 23.5 2.5 42.5

215 40.5 21.5 61.5



#70

Pentachlorophenol

Concen: 126.298 ng

RT: 16.843 min Scan# 2341

Delta R.T. -0.003 min

Lab File: BG064524.D

Acq: 16 Oct 2025 20:22

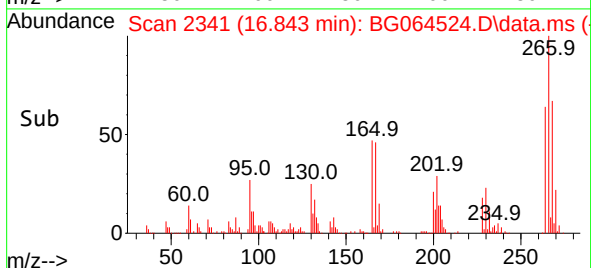
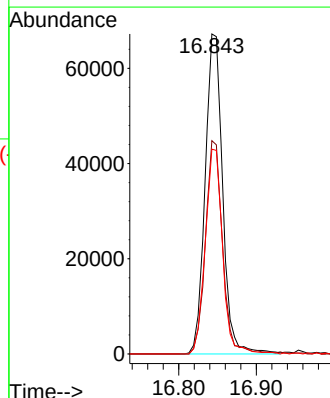
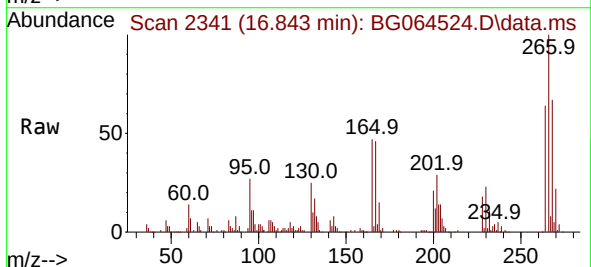
Tgt Ion:266 Resp: 105417

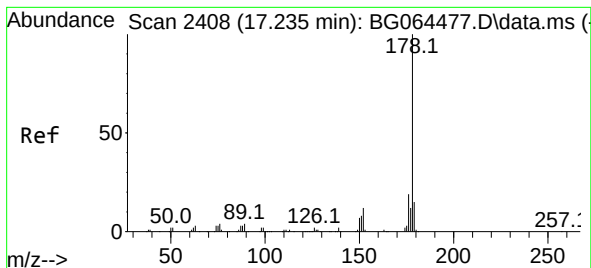
Ion Ratio Lower Upper

266 100

268 66.7 50.6 75.8

264 64.0 51.2 76.8





#71

Phenanthrene

Concen: 57.746 ng

RT: 17.230 min Scan# 2408

Delta R.T. 0.003 min

Lab File: BG064524.D

Acq: 16 Oct 2025 20:22

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

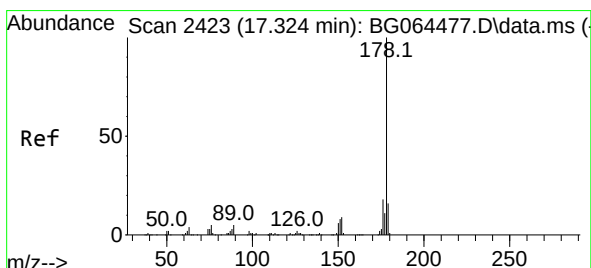
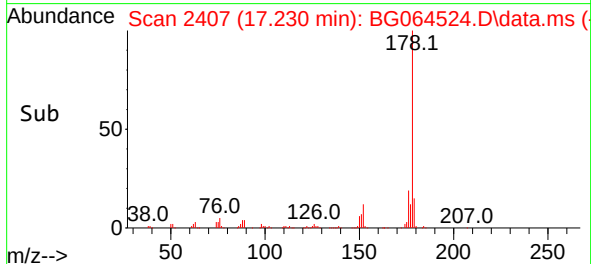
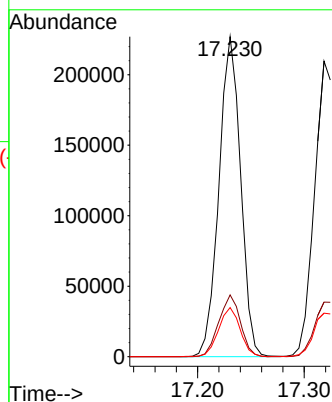
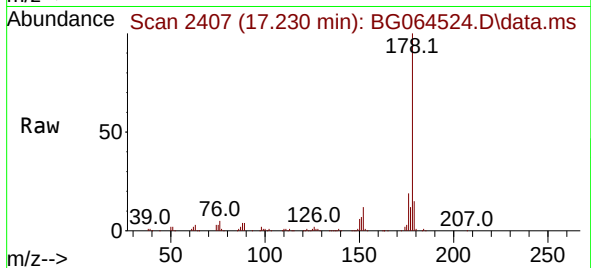
Tgt Ion:178 Resp: 320147

Ion Ratio Lower Upper

178 100

176 19.3 15.2 22.8

179 15.4 11.8 17.6



#72

Anthracene

Concen: 55.738 ng

RT: 17.319 min Scan# 2422

Delta R.T. -0.003 min

Lab File: BG064524.D

Acq: 16 Oct 2025 20:22

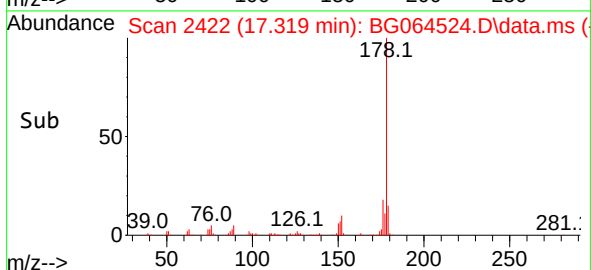
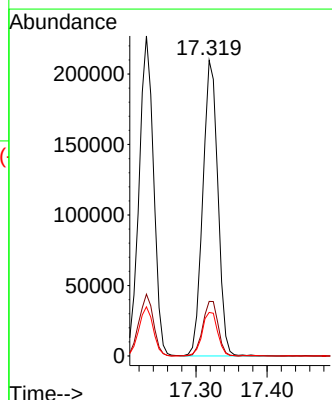
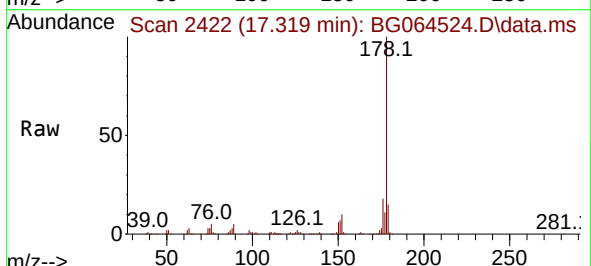
Tgt Ion:178 Resp: 310004

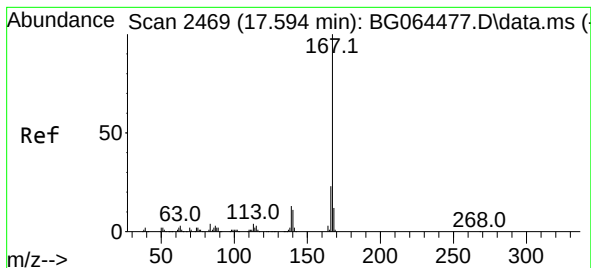
Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

179 14.8 12.5 18.7





#73

Carbazole

Concen: 58.005 ng

RT: 17.595 min Scan# 2469

Delta R.T. 0.003 min

Lab File: BG064524.D

Acq: 16 Oct 2025 20:22

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

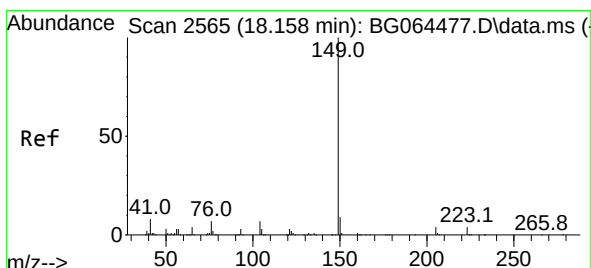
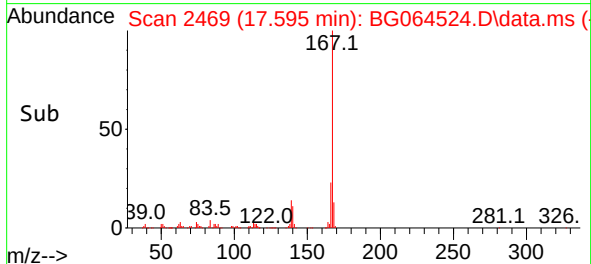
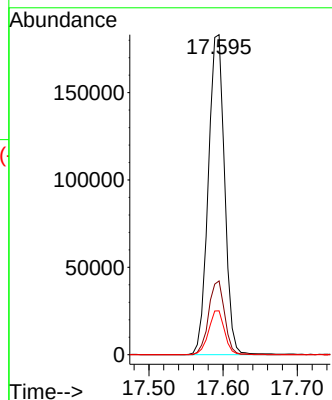
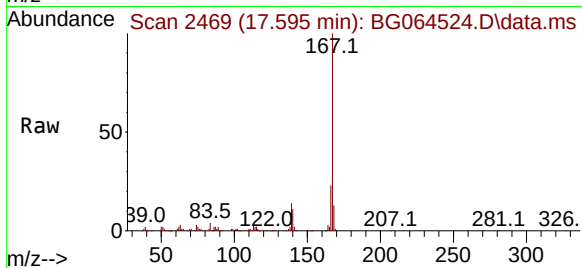
Tgt Ion:167 Resp: 278859

Ion Ratio Lower Upper

167 100

166 23.1 18.6 27.8

139 13.7 10.2 15.4



#74

Di-n-butylphthalate

Concen: 55.374 ng

RT: 18.153 min Scan# 2564

Delta R.T. -0.003 min

Lab File: BG064524.D

Acq: 16 Oct 2025 20:22

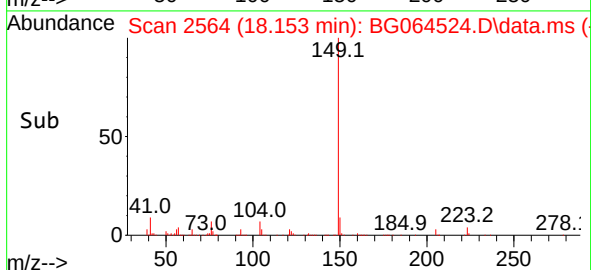
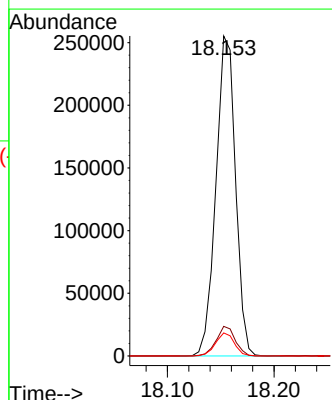
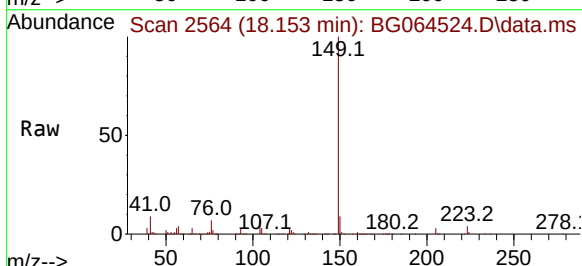
Tgt Ion:149 Resp: 324975

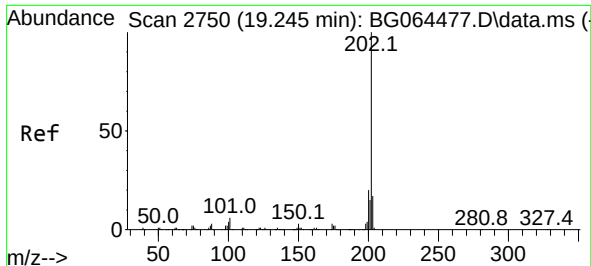
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 7.2 5.3 7.9

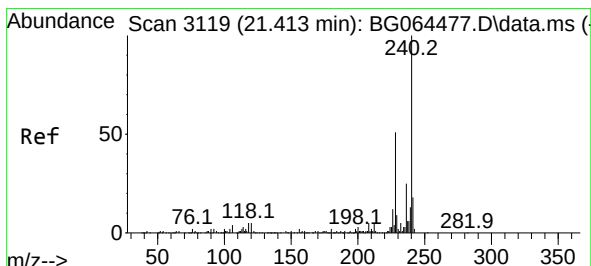
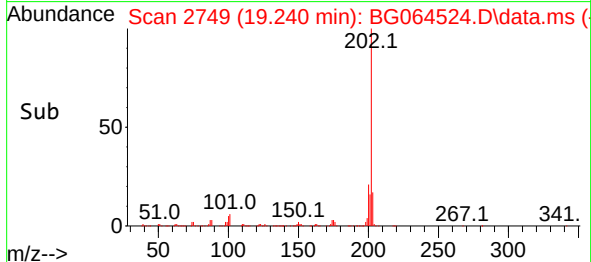
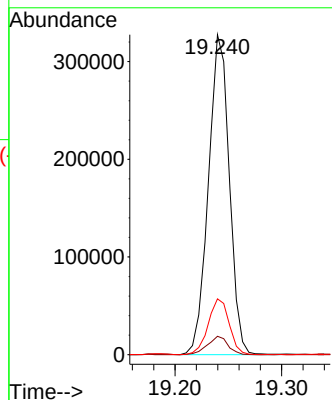
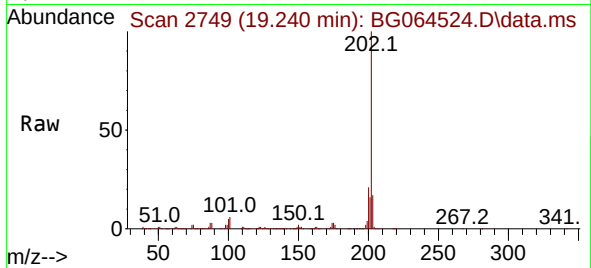




#75
Fluoranthene
Concen: 67.533 ng
RT: 19.240 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

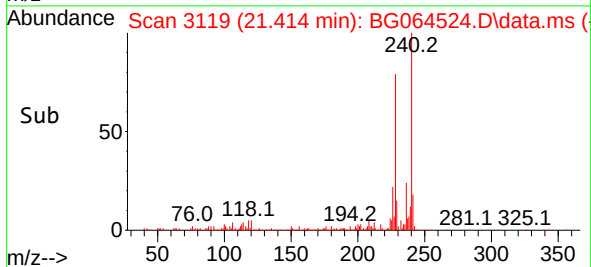
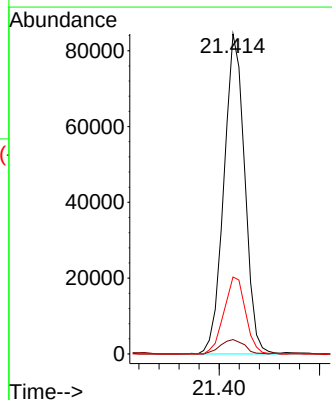
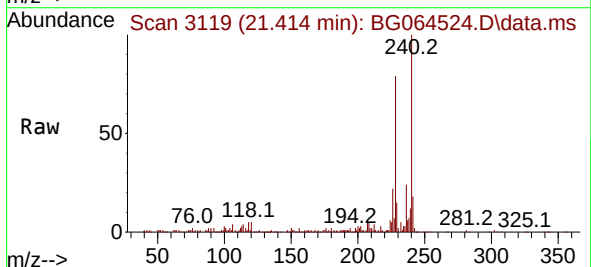
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

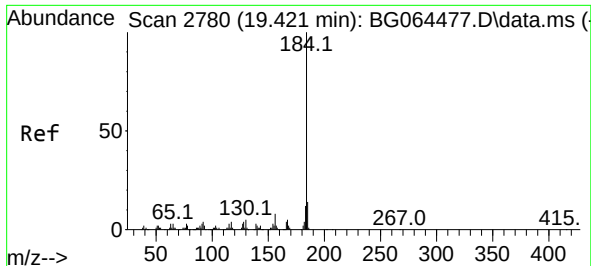
Tgt Ion:202 Resp: 447290
Ion Ratio Lower Upper
202 100
101 5.7 0.0 25.7
203 17.4 0.0 36.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.414 min Scan# 3119
Delta R.T. 0.004 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Tgt Ion:240 Resp: 121548
Ion Ratio Lower Upper
240 100
120 4.5 4.3 6.5
236 24.1 20.4 30.6

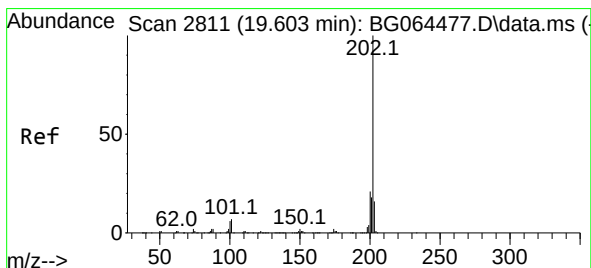
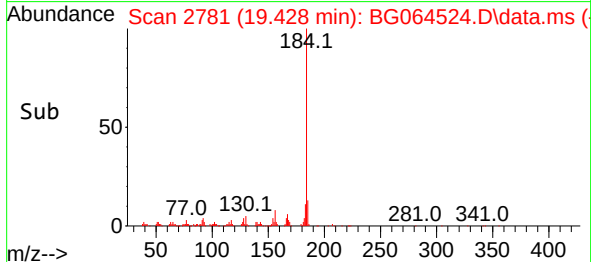
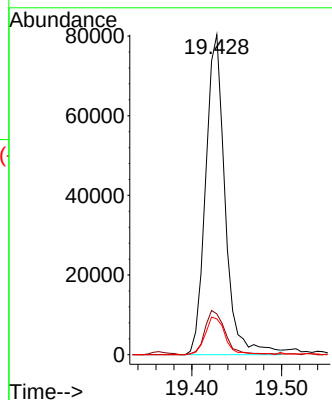
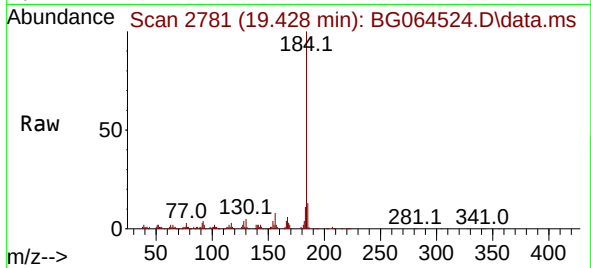




#77
Benzidine
Concen: 39.924 ng
RT: 19.428 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

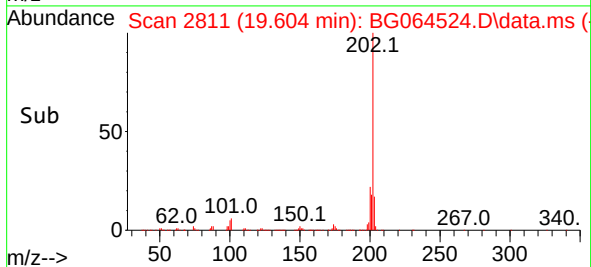
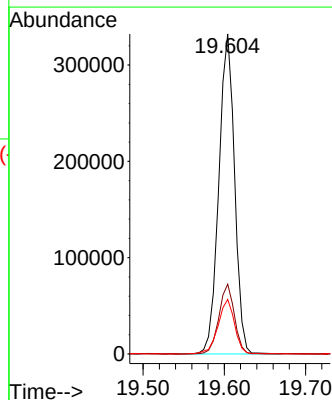
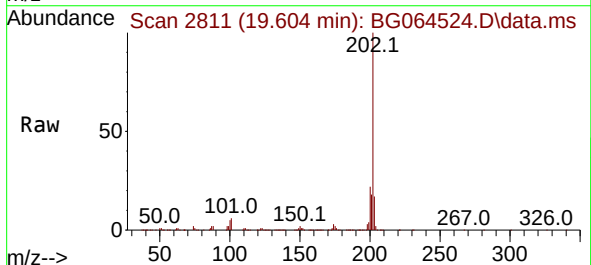
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

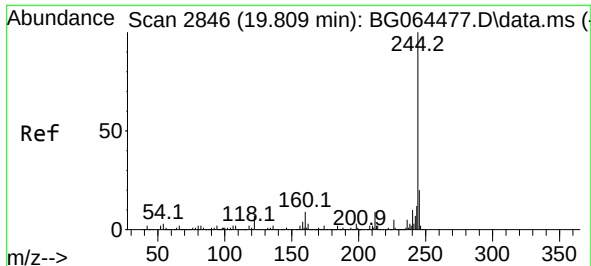
Tgt Ion:184 Resp: 120751
Ion Ratio Lower Upper
184 100
185 12.7 10.9 16.3
183 11.2 9.8 14.6



#78
Pyrene
Concen: 56.901 ng
RT: 19.604 min Scan# 2811
Delta R.T. 0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Tgt Ion:202 Resp: 448838
Ion Ratio Lower Upper
202 100
200 21.8 17.0 25.4
203 17.1 13.0 19.4

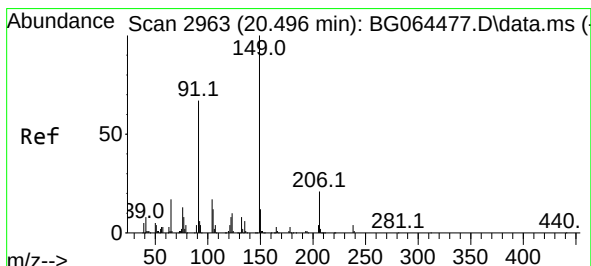
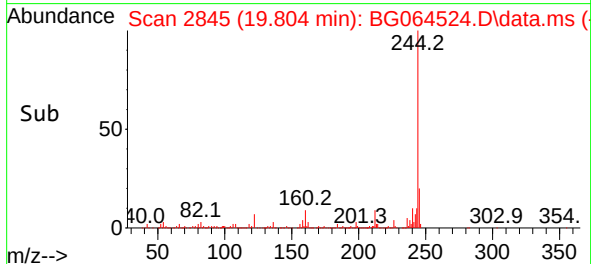
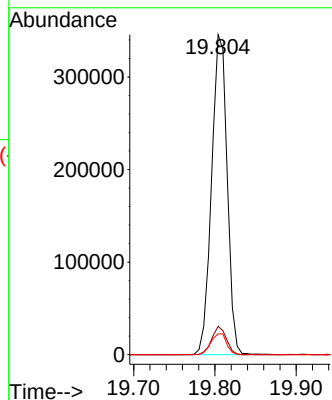
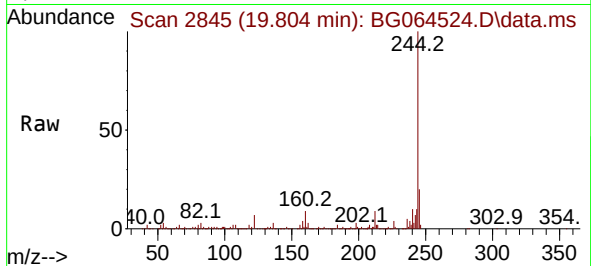




#79
 Terphenyl-d14
 Concen: 71.528 ng
 RT: 19.804 min Scan# 2846
 Delta R.T. -0.003 min
 Lab File: BG064524.D
 Acq: 16 Oct 2025 20:22

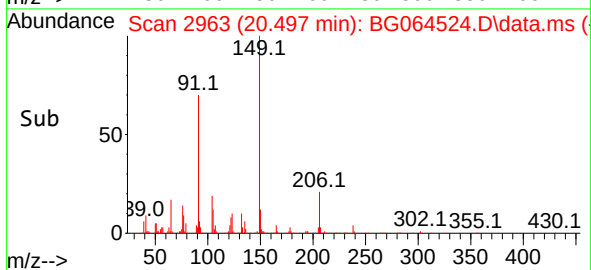
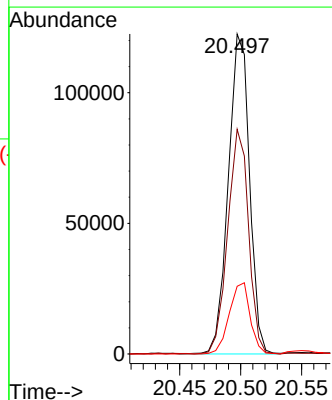
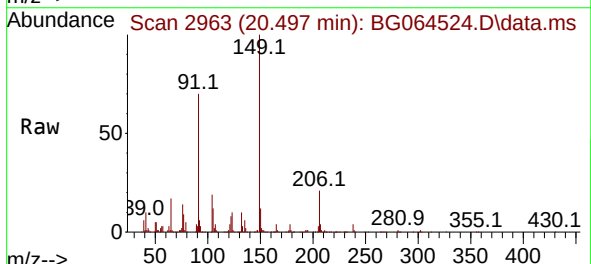
Instrument :
 BNA_G
 ClientSampleId :
 TP-3MSD

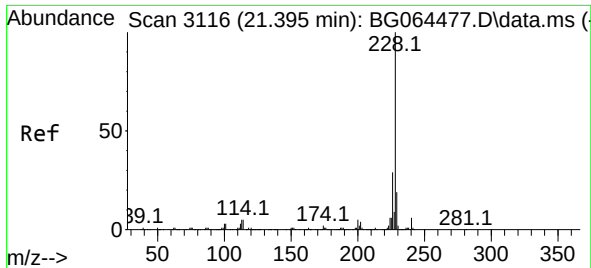
Tgt Ion:244 Resp: 459397
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.0 10.6
 122 6.5 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 52.832 ng
 RT: 20.497 min Scan# 2963
 Delta R.T. -0.003 min
 Lab File: BG064524.D
 Acq: 16 Oct 2025 20:22

Tgt Ion:149 Resp: 147731
 Ion Ratio Lower Upper
 149 100
 91 70.2 53.7 80.5
 206 21.2 16.6 24.8

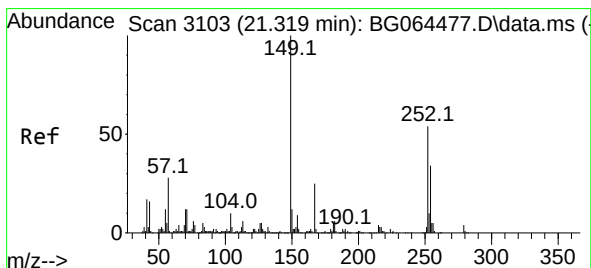
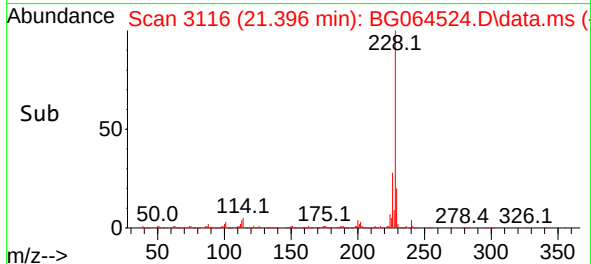
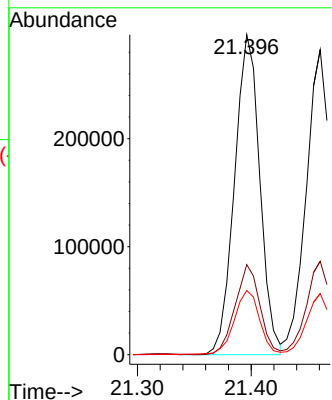
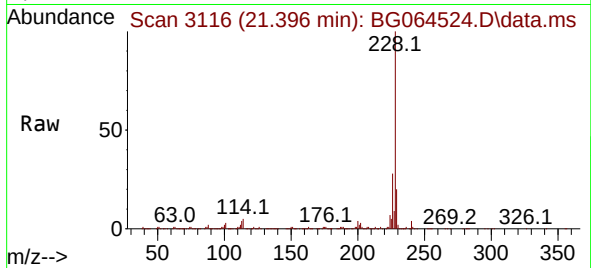




#81
Benzo(a)anthracene
Concen: 58.989 ng
RT: 21.396 min Scan# 3116
Delta R.T. 0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

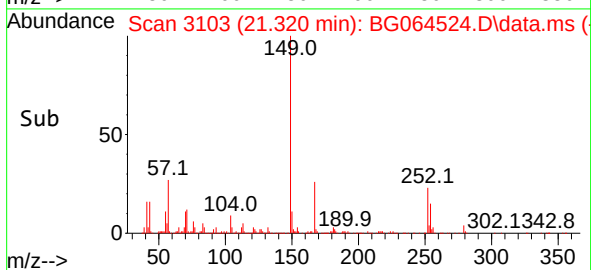
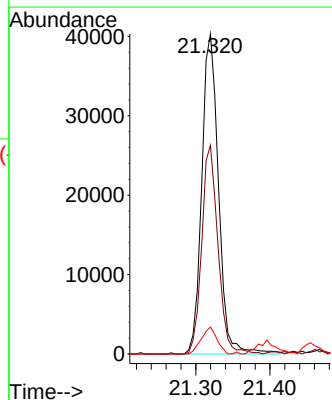
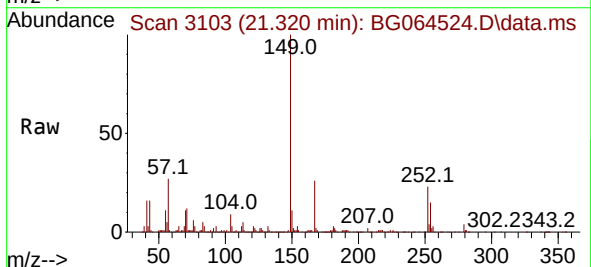
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

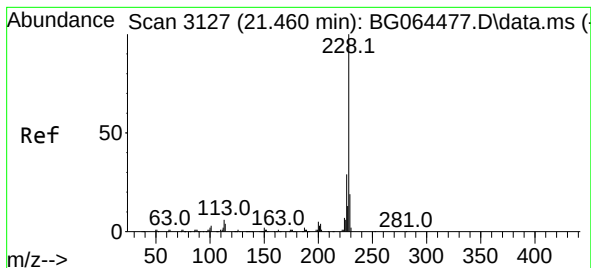
Tgt Ion:228 Resp: 457808
Ion Ratio Lower Upper
228 100
226 28.1 22.8 34.2
229 20.1 15.2 22.8



#82
3,3'-Dichlorobenzidine
Concen: 24.101 ng
RT: 21.320 min Scan# 3103
Delta R.T. 0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Tgt Ion:252 Resp: 63308
Ion Ratio Lower Upper
252 100
254 65.2 50.5 75.7
126 8.4 7.1 10.7





#83

Chrysene

Concen: 57.617 ng

RT: 21.461 min Scan# 3127

Delta R.T. 0.009 min

Lab File: BG064524.D

Acq: 16 Oct 2025 20:22

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

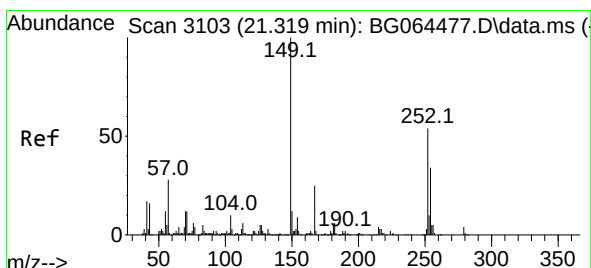
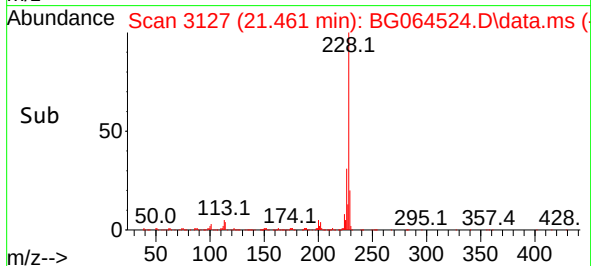
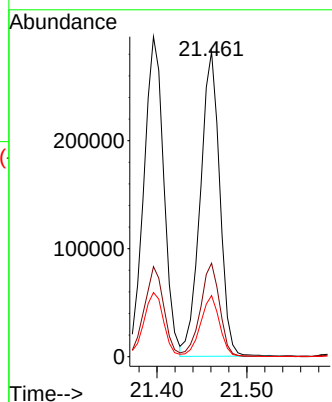
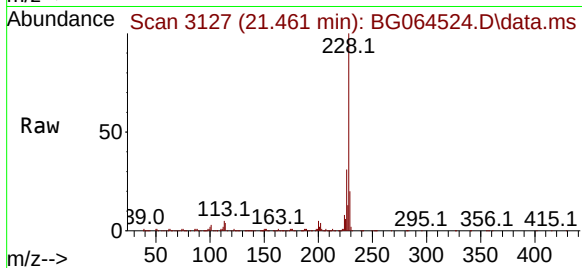
Tgt Ion:228 Resp: 424072

Ion Ratio Lower Upper

228 100

226 30.6 22.8 34.2

229 20.1 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.038 ng

RT: 21.320 min Scan# 3103

Delta R.T. 0.003 min

Lab File: BG064524.D

Acq: 16 Oct 2025 20:22

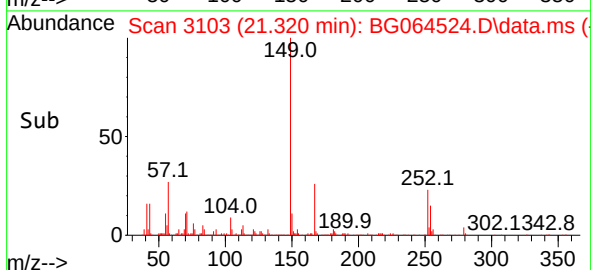
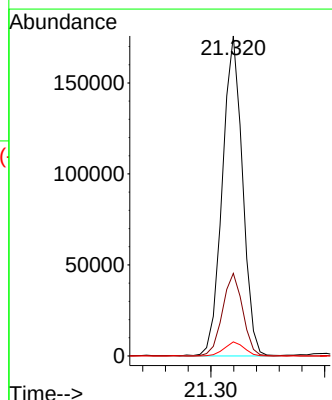
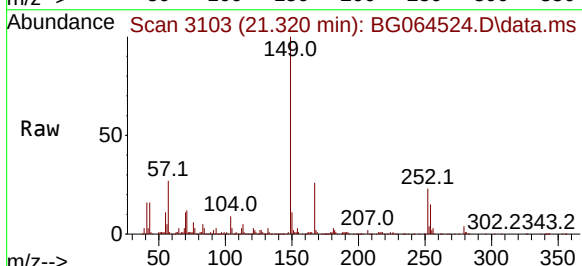
Tgt Ion:149 Resp: 217145

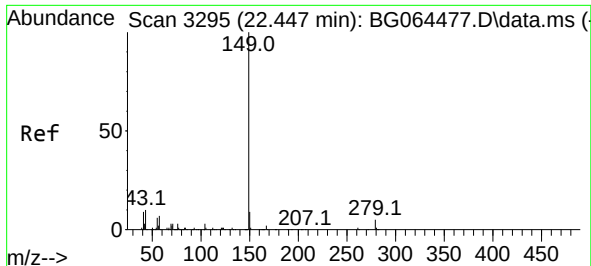
Ion Ratio Lower Upper

149 100

167 25.8 19.7 29.5

279 4.4 3.4 5.2

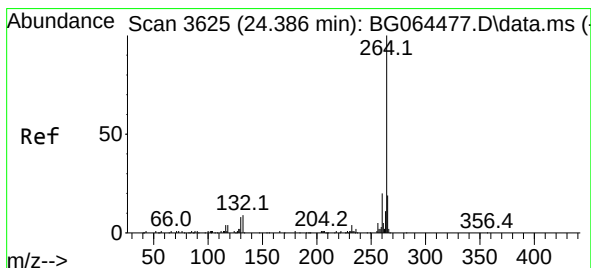
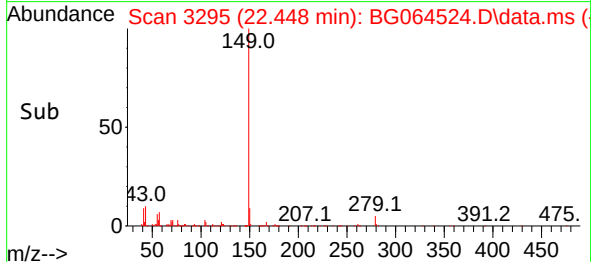
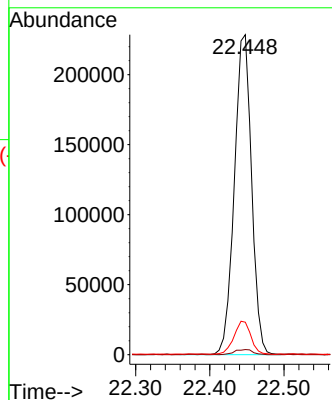
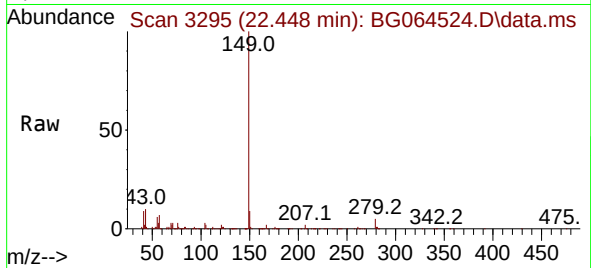




#85
Di-n-octyl phthalate
Concen: 55.564 ng
RT: 22.448 min Scan# 31
Delta R.T. 0.009 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

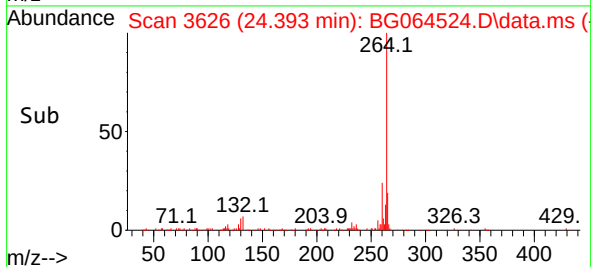
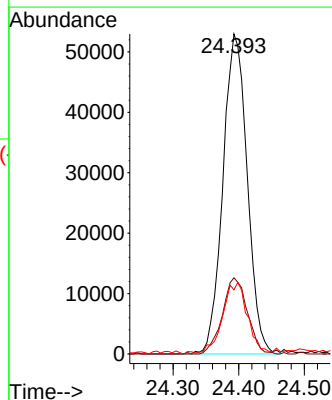
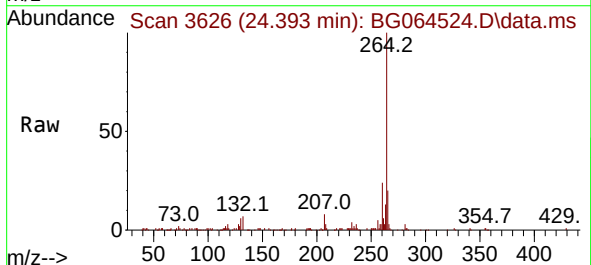
Instrument :
BNA_G
ClientSampleId :
TP-3MSD

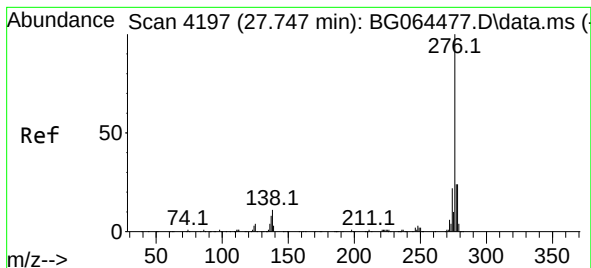
Tgt Ion:149 Resp: 368435
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.1 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.393 min Scan# 3626
Delta R.T. 0.003 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Tgt Ion:264 Resp: 136333
Ion Ratio Lower Upper
264 100
260 23.8 16.2 24.4
265 20.1 15.0 22.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.531 ng

RT: 27.759 min Scan# 41

Delta R.T. 0.027 min

Lab File: BG064524.D

Acq: 16 Oct 2025 20:22

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

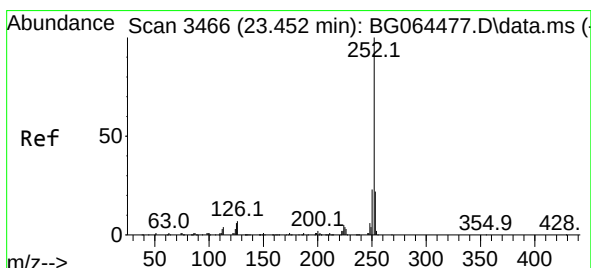
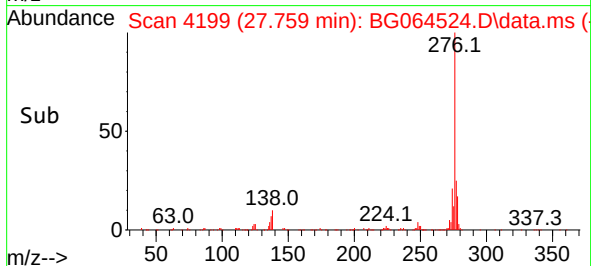
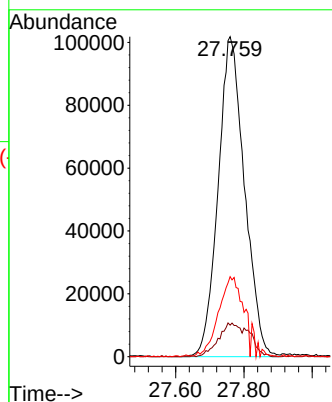
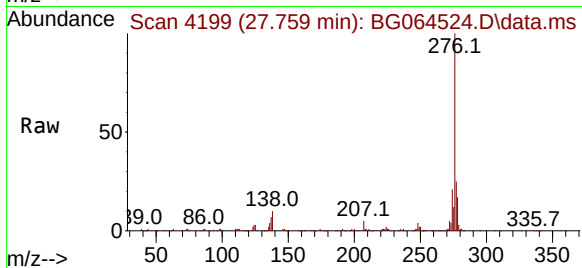
Tgt Ion:276 Resp: 545943

Ion Ratio Lower Upper

276 100

138 8.6 10.8 16.2#

277 22.9 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 60.610 ng

RT: 23.458 min Scan# 3467

Delta R.T. 0.009 min

Lab File: BG064524.D

Acq: 16 Oct 2025 20:22

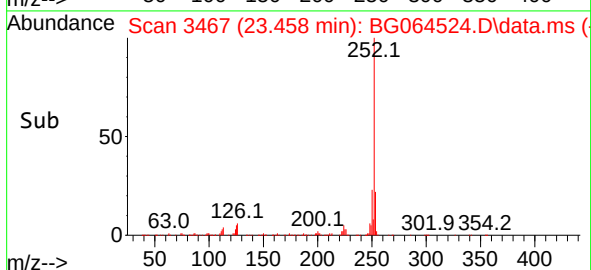
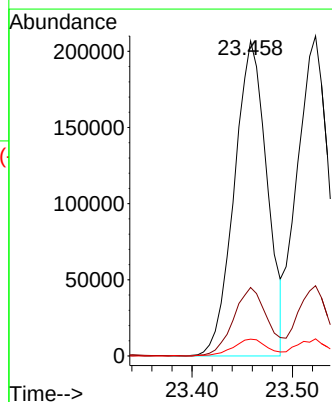
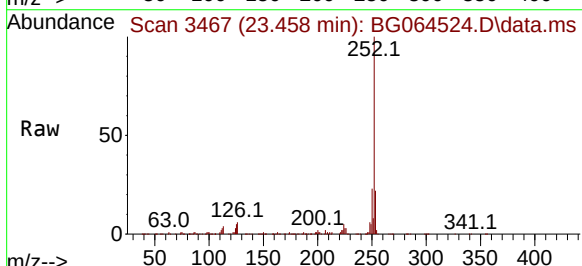
Tgt Ion:252 Resp: 470088

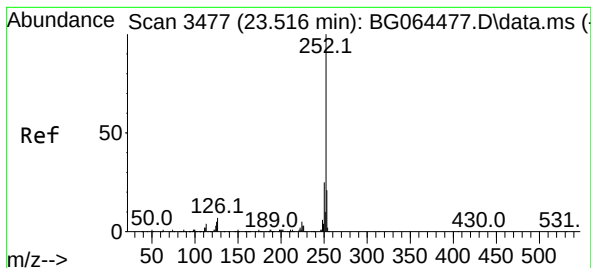
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 5.3 4.5 6.7





#89

Benzo(k)fluoranthene

Concen: 57.619 ng

RT: 23.523 min Scan# 34

Delta R.T. 0.015 min

Lab File: BG064524.D

Acq: 16 Oct 2025 20:22

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

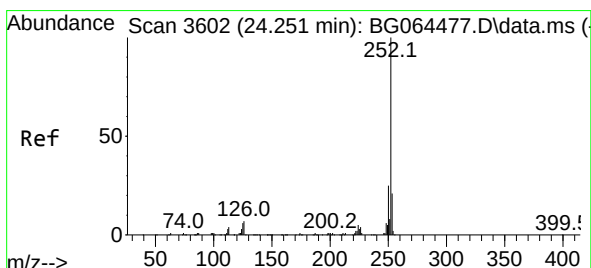
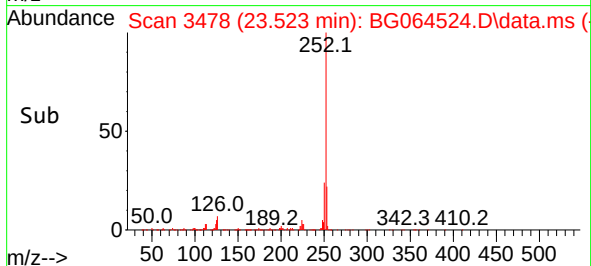
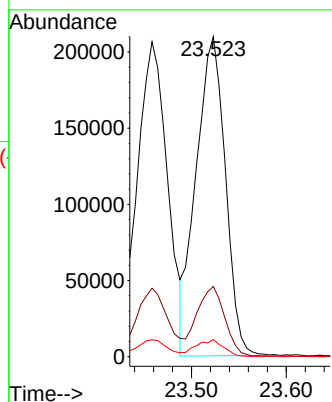
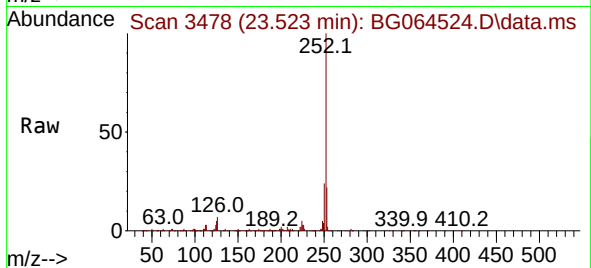
Tgt Ion:252 Resp: 450089

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 5.3 4.0 6.0



#90

Benzo(a)pyrene

Concen: 61.543 ng

RT: 24.263 min Scan# 3604

Delta R.T. 0.015 min

Lab File: BG064524.D

Acq: 16 Oct 2025 20:22

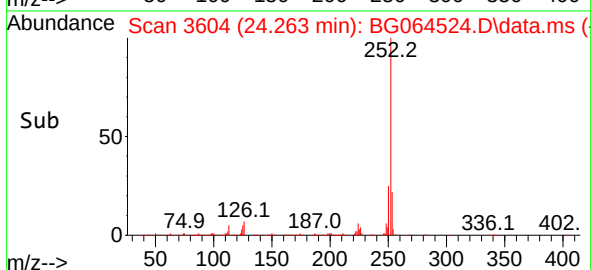
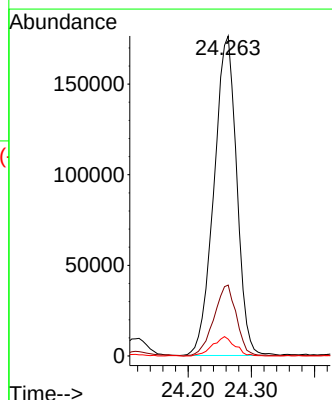
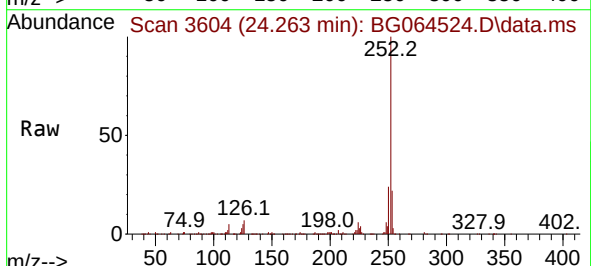
Tgt Ion:252 Resp: 439921

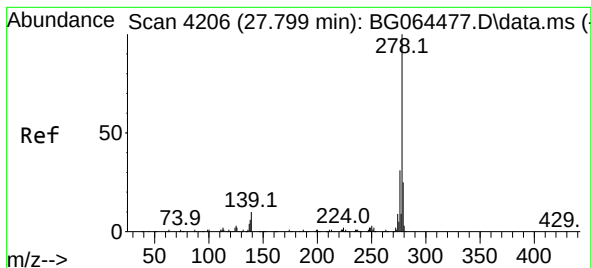
Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

125 5.2 4.6 6.8

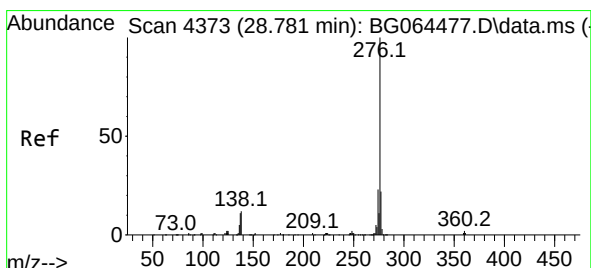
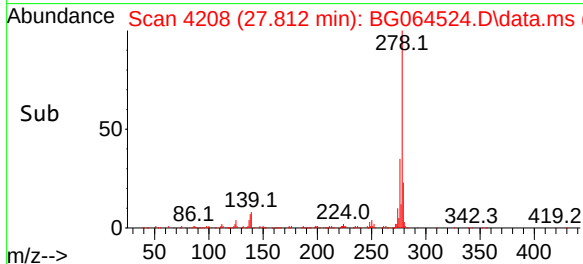
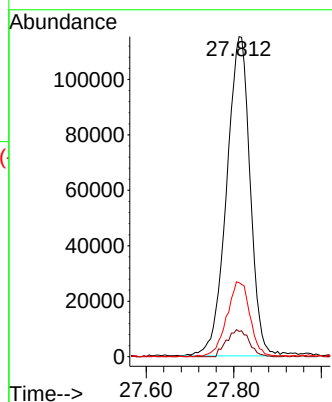
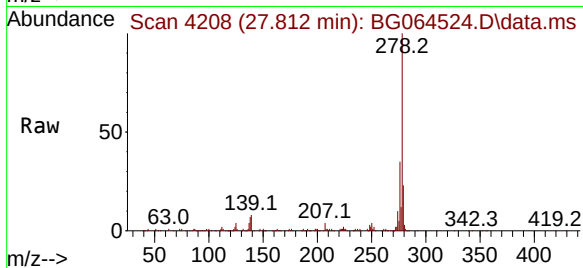




#91
Dibenzo(a,h)anthracene
Concen: 56.506 ng
RT: 27.812 min Scan# 4377
Delta R.T. 0.033 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Instrument :
BNA_G
ClientSampleId :
TP-3MSD

Tgt Ion:278 Resp: 428821
Ion Ratio Lower Upper
278 100
139 7.9 8.2 12.2#
279 23.1 19.6 29.4



#92
Benzo(g,h,i)perylene
Concen: 60.131 ng
RT: 28.805 min Scan# 4377
Delta R.T. 0.039 min
Lab File: BG064524.D
Acq: 16 Oct 2025 20:22

Tgt Ion:276 Resp: 443459
Ion Ratio Lower Upper
276 100
277 22.4 17.8 26.6
138 11.3 9.4 14.0

