

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101725\
 Data File : BG064534.D
 Acq On : 17 Oct 2025 13:43
 Operator : RC/JU
 Sample : PB170144BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170144BS

Quant Time: Oct 17 14:19:04 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	13548	20.000	ng	0.00
21) Naphthalene-d8	10.603	136	60553	20.000	ng	# 0.00
39) Acenaphthene-d10	14.445	164	47398	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	115978	20.000	ng	0.00
76) Chrysene-d12	21.414	240	125702	20.000	ng	0.00
86) Perylene-d12	24.392	264	135853	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.415	112	103602	141.522	ng	0.00
7) Phenol-d6	7.001	99	138737	141.027	ng	0.01
23) Nitrobenzene-d5	8.975	82	94832	84.209	ng	0.00
42) 2,4,6-Tribromophenol	15.938	330	114577	133.360	ng	0.00
45) 2-Fluorobiphenyl	13.070	172	267937	83.324	ng	0.00
79) Terphenyl-d14	19.810	244	565751	85.176	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.311	88	9344	32.270	ng	95
3) Pyridine	3.705	79	24560	31.560	ng	97
4) n-Nitrosodimethylamine	3.623	42	24835	44.022	ng	97
6) Aniline	7.148	93	44214	35.630	ng	99
8) 2-Chlorophenol	7.389	128	43477	48.365	ng	96
9) Benzaldehyde	6.960	77	18692	21.405	ng	99
10) Phenol	7.025	94	51729	49.846	ng	94
11) bis(2-Chloroethyl)ether	7.242	93	29852	42.476	ng	95
12) 1,3-Dichlorobenzene	7.706	146	44092	44.838	ng	94
13) 1,4-Dichlorobenzene	7.853	146	46884	47.505	ng	98
14) 1,2-Dichlorobenzene	8.164	146	44938	46.200	ng	98
15) Benzyl Alcohol	8.059	79	43931	48.490	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.341	45	45805	40.433	ng	98
17) 2-Methylphenol	8.264	107	36599	48.703	ng	98
18) Hexachloroethane	8.893	117	17058	43.788	ng	# 83
19) n-Nitroso-di-n-propyla...	8.623	70	30636	46.565	ng	99
20) 3+4-Methylphenols	8.593	107	50826	48.467	ng	95
22) Acetophenone	8.634	105	72002	49.110	ng	95
24) Nitrobenzene	9.010	77	49030	43.659	ng	95
25) Isophorone	9.539	82	84589	41.463	ng	# 97
26) 2-Nitrophenol	9.721	139	24998	44.725	ng	91
27) 2,4-Dimethylphenol	9.786	122	44134	51.699	ng	95
28) bis(2-Chloroethoxy)met...	10.015	93	46826	45.028	ng	94
29) 2,4-Dichlorophenol	10.262	162	46077	46.675	ng	98
30) 1,2,4-Trichlorobenzene	10.468	180	51994	48.305	ng	98
31) Naphthalene	10.656	128	137476	44.089	ng	99
32) Benzoic acid	9.962	122	32278	49.247	ng	96
33) 4-Chloroaniline	10.767	127	31783	26.562	ng	96
34) Hexachlorobutadiene	10.943	225	41295	44.797	ng	95
35) Caprolactam	11.543	113	8427	24.935	ng	93
36) 4-Chloro-3-methylphenol	11.901	107	55528	46.254	ng	98
37) 2-Methylnaphthalene	12.265	142	96169	40.178	ng	98
38) 1-Methylnaphthalene	12.265	142	96169	40.294	ng	96
40) 1,2,4,5-Tetrachloroben...	12.636	216	73405	47.965	ng	97
41) Hexachlorocyclopentadiene	12.618	237	105773	132.127	ng	100
43) 2,4,6-Trichlorophenol	12.877	196	44895	45.890	ng	96

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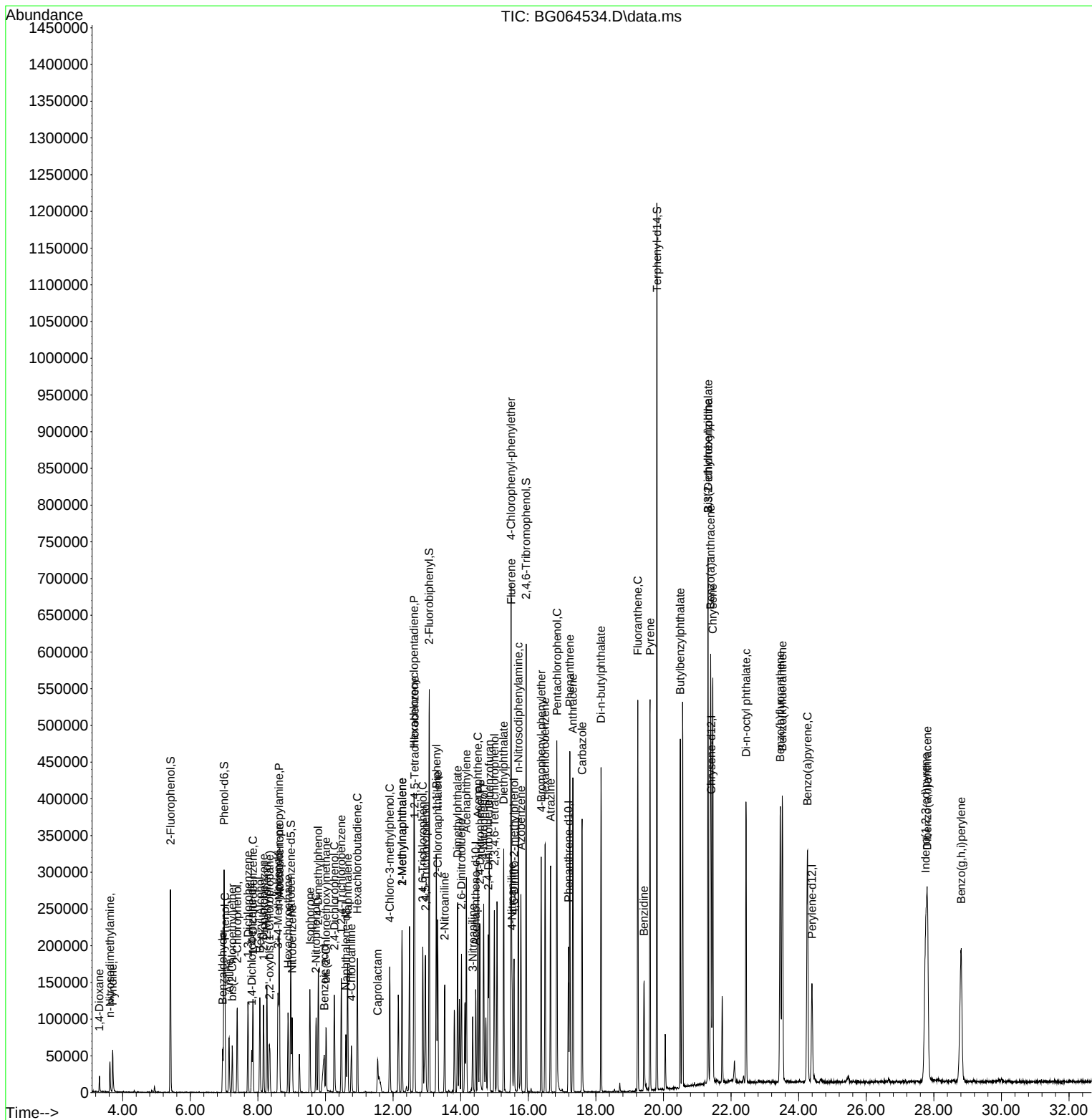
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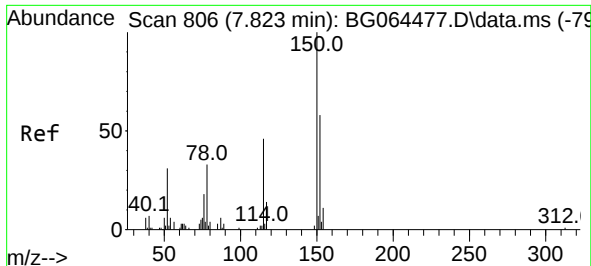
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.959	196	51283	46.953	ng	93
46) 1,1'-Biphenyl	13.282	154	167348	49.090	ng	97
47) 2-Chloronaphthalene	13.323	162	110725	43.503	ng	98
48) 2-Nitroaniline	13.529	65	38787	44.650	ng	94
49) Acenaphthylene	14.169	152	194958	51.599	ng	99
50) Dimethylphthalate	13.911	163	159924	43.080	ng	97
51) 2,6-Dinitrotoluene	14.022	165	35896	46.419	ng	89
52) Acenaphthene	14.510	154	111143	42.340	ng	99
53) 3-Nitroaniline	14.357	138	22218	31.154	ng	97
54) 2,4-Dinitrophenol	14.569	184	47351	84.445	ng	# 82
55) Dibenzofuran	14.845	168	195550	45.118	ng	99
56) 4-Nitrophenol	14.680	139	50291	89.566	ng	# 82
57) 2,4-Dinitrotoluene	14.815	165	53188	44.993	ng	# 91
58) Fluorene	15.497	166	160529	44.551	ng	92
59) 2,3,4,6-Tetrachlorophenol	14.998	232	54895	49.248	ng	91
60) Diethylphthalate	15.274	149	173957	43.682	ng	98
61) 4-Chlorophenyl-phenyle...	15.491	204	86907	44.179	ng	94
62) 4-Nitroaniline	15.520	138	35941	48.352	ng	85
63) Azobenzene	15.785	77	137914	44.717	ng	97
65) 4,6-Dinitro-2-methylph...	15.579	198	38521	47.703	ng	96
66) n-Nitrosodiphenylamine	15.708	169	144777	46.746	ng	96
67) 4-Bromophenyl-phenylether	16.384	248	62103	45.504	ng	90
68) Hexachlorobenzene	16.496	284	73779	47.242	ng	97
69) Atrazine	16.660	200	65947	47.860	ng	99
70) Pentachlorophenol	16.848	266	90184	98.765	ng	97
71) Phenanthrene	17.230	178	276547	45.596	ng	98
72) Anthracene	17.318	178	285078	46.852	ng	99
73) Carbazole	17.595	167	246218	46.815	ng	97
74) Di-n-butylphthalate	18.153	149	297960	46.409	ng	99
75) Fluoranthene	19.240	202	342100	47.214	ng	99
77) Benzidine	19.428	184	95783	30.622	ng	97
78) Pyrene	19.604	202	347286	42.572	ng	96
80) Butylbenzylphthalate	20.497	149	129152	44.661	ng	99
81) Benzo(a)anthracene	21.396	228	362947	45.221	ng	97
82) 3,3'-Dichlorobenzidine	21.320	252	84466	31.093	ng	# 98
83) Chrysene	21.461	228	342262	44.965	ng	98
84) Bis(2-ethylhexyl)phtha...	21.320	149	187922	46.057	ng	94
85) Di-n-octyl phthalate	22.442	149	318467	46.441	ng	99
87) Indeno(1,2,3-cd)pyrene	27.759	276	445204	47.081	ng	# 95
88) Benzo(b)fluoranthene	23.458	252	364867	47.209	ng	98
89) Benzo(k)fluoranthene	23.517	252	367590	47.224	ng	98
90) Benzo(a)pyrene	24.263	252	347442	48.777	ng	98
91) Dibenzo(a,h)anthracene	27.806	278	361572	47.813	ng	# 97
92) Benzo(g,h,i)perylene	28.811	276	357922	48.704	ng	97

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

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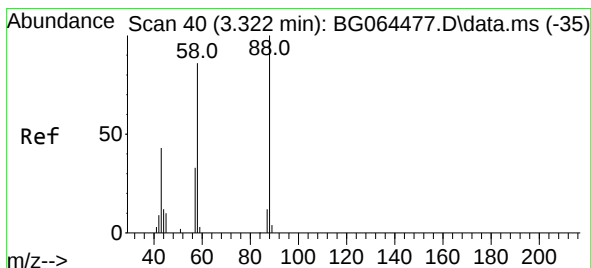
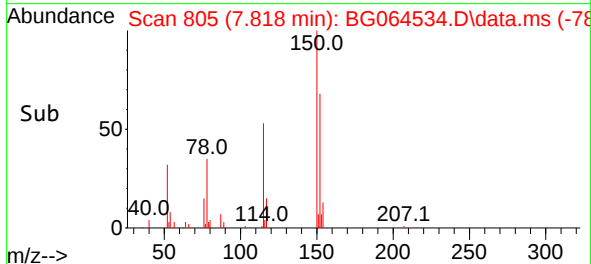
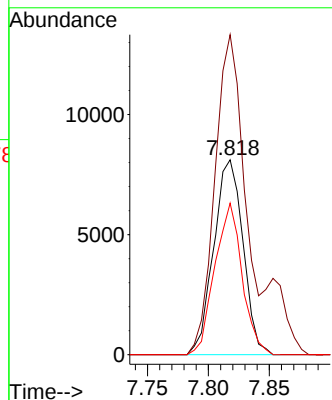
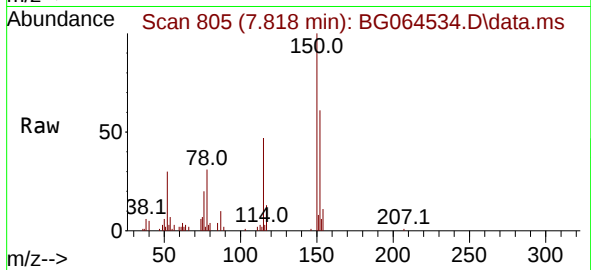




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.818 min Scan# 806
 Delta R.T. -0.002 min
 Lab File: BG064534.D
 Acq: 17 Oct 2025 13:43

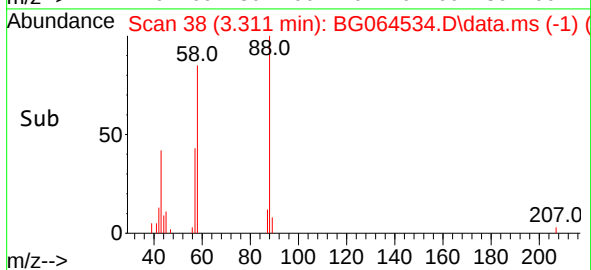
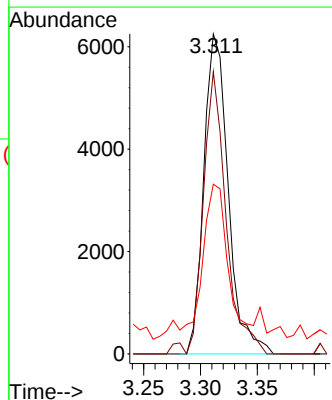
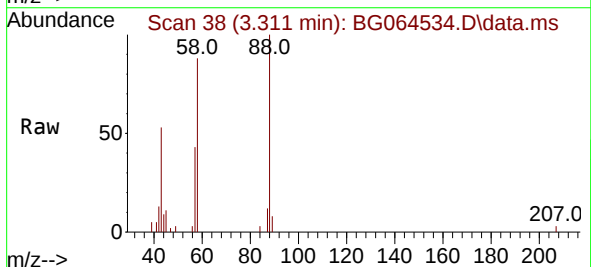
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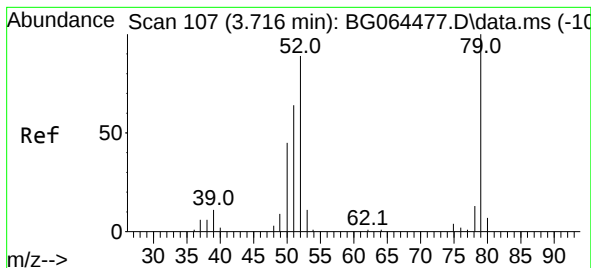
Tgt Ion:152 Resp: 13548
 Ion Ratio Lower Upper
 152 100
 150 164.2 138.6 207.8
 115 77.8 63.4 95.2



#2
 1,4-Dioxane
 Concen: 32.270 ng
 RT: 3.311 min Scan# 38
 Delta R.T. -0.009 min
 Lab File: BG064534.D
 Acq: 17 Oct 2025 13:43

Tgt Ion: 88 Resp: 9344
 Ion Ratio Lower Upper
 88 100
 58 82.7 69.8 104.6
 43 42.6 37.4 56.0





#3

Pyridine

Concen: 31.560 ng

RT: 3.705 min Scan# 10

Delta R.T. -0.009 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB170144BS

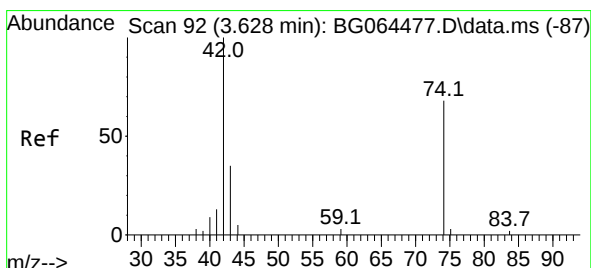
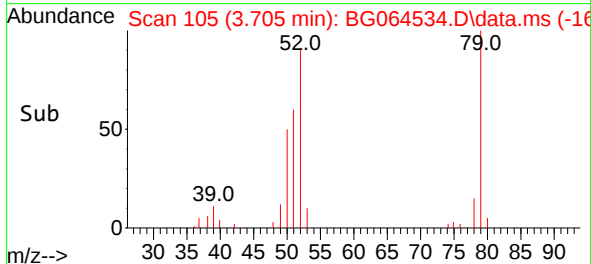
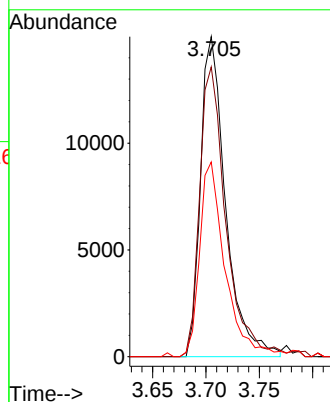
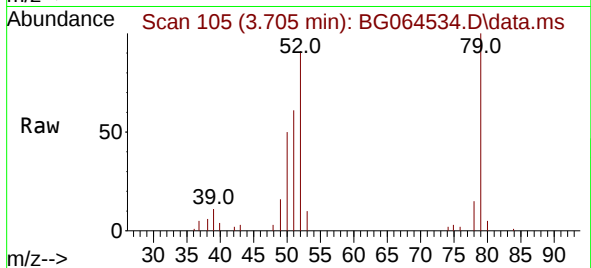
Tgt Ion: 79 Resp: 24560

Ion Ratio Lower Upper

79 100

52 90.6 71.0 106.4

51 60.9 51.0 76.6



#4

n-Nitrosodimethylamine

Concen: 44.022 ng

RT: 3.623 min Scan# 91

Delta R.T. -0.003 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

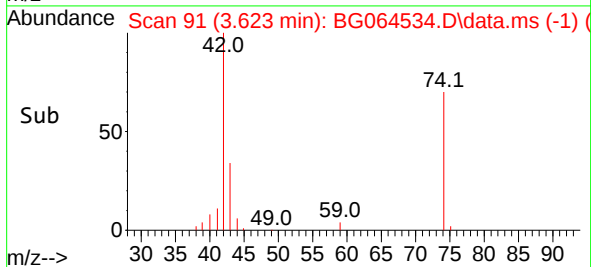
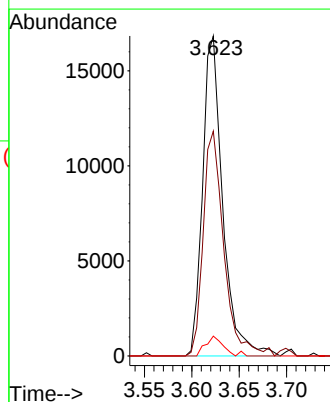
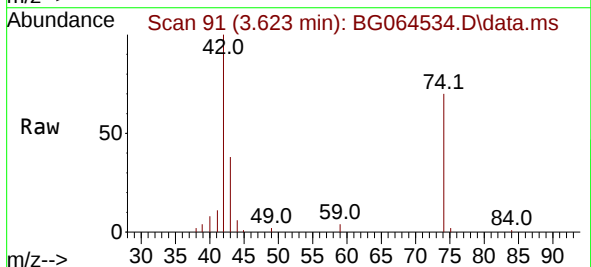
Tgt Ion: 42 Resp: 24835

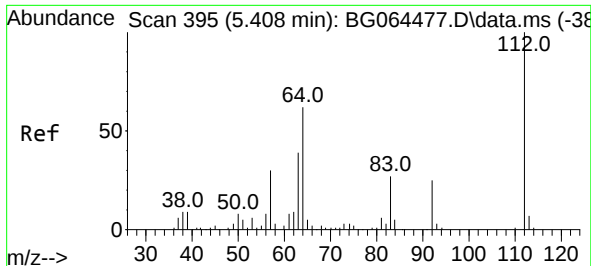
Ion Ratio Lower Upper

42 100

74 70.2 54.2 81.4

44 6.2 4.2 6.2

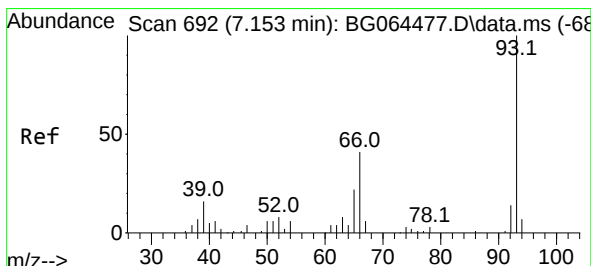
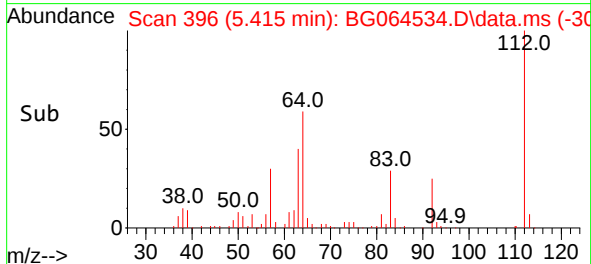
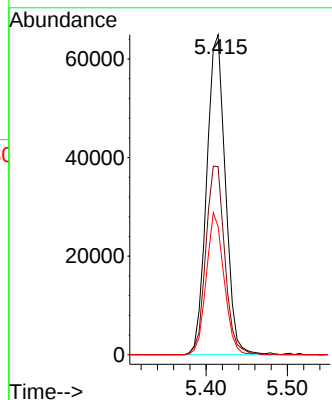
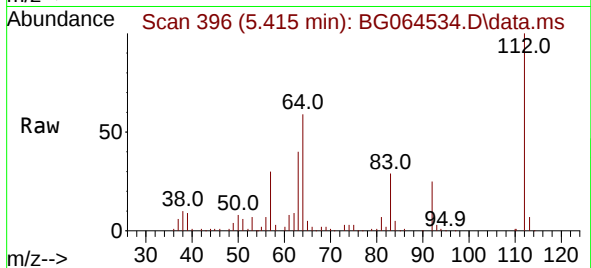




#5
2-Fluorophenol
Concen: 141.522 ng
RT: 5.415 min Scan# 396
Delta R.T. 0.009 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

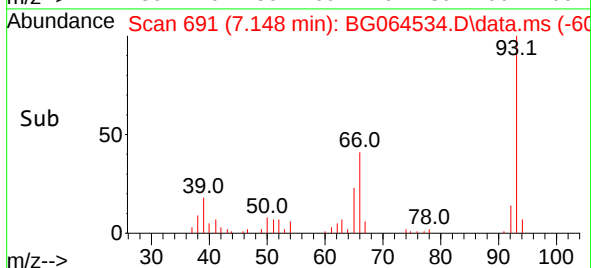
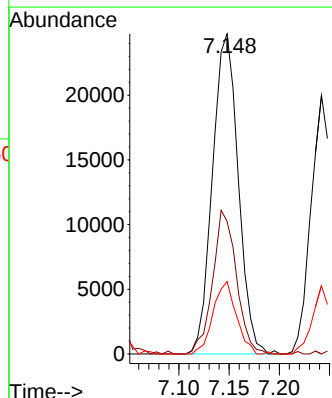
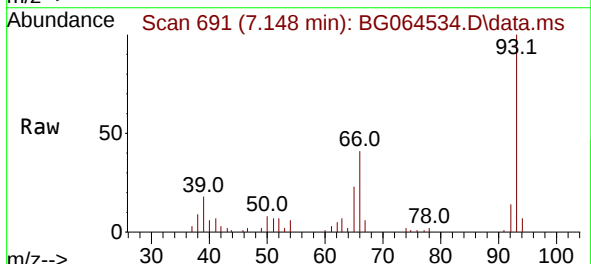
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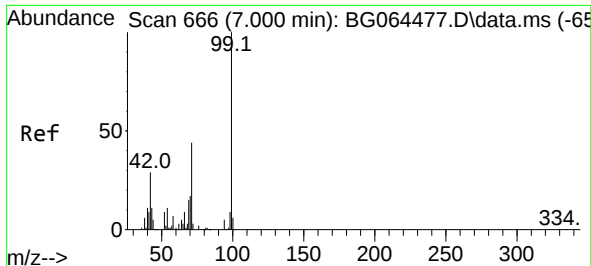
Tgt Ion:112 Resp: 103602
Ion Ratio Lower Upper
112 100
64 58.7 49.8 74.8
63 40.0 31.3 46.9



#6
Aniline
Concen: 35.630 ng
RT: 7.148 min Scan# 691
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion: 93 Resp: 44214
Ion Ratio Lower Upper
93 100
66 41.4 33.0 49.4
65 22.6 17.5 26.3

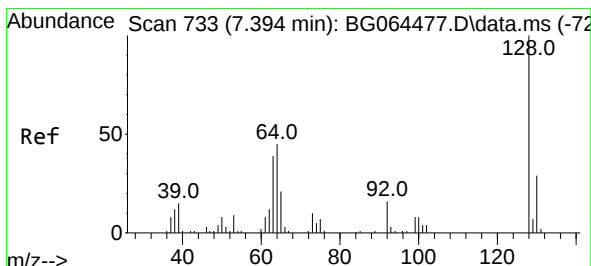
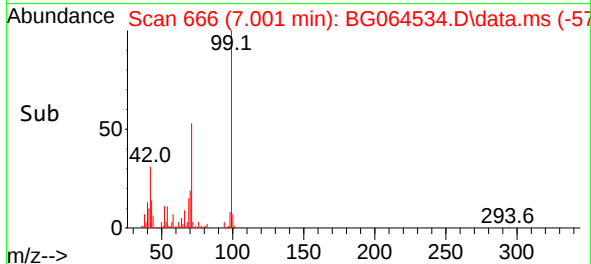
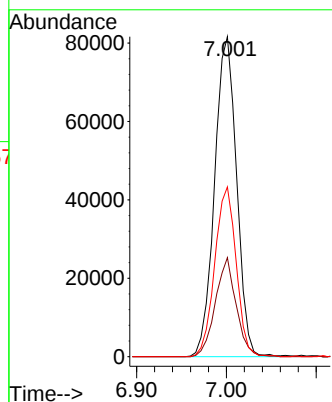
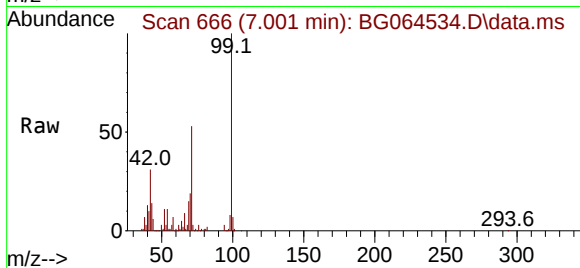




#7
Phenol-d6
Concen: 141.027 ng
RT: 7.001 min Scan# 60
Delta R.T. 0.015 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

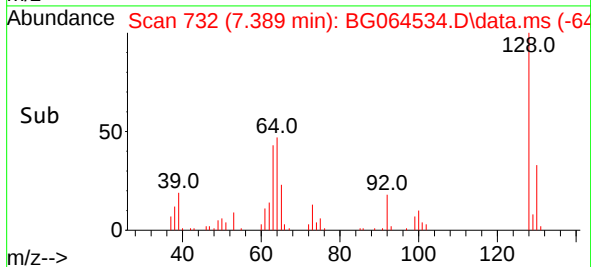
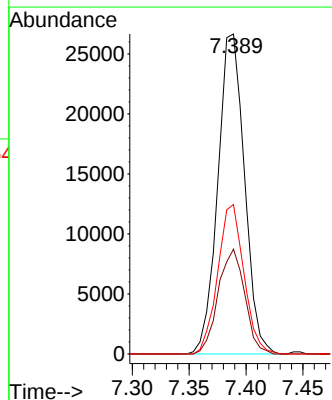
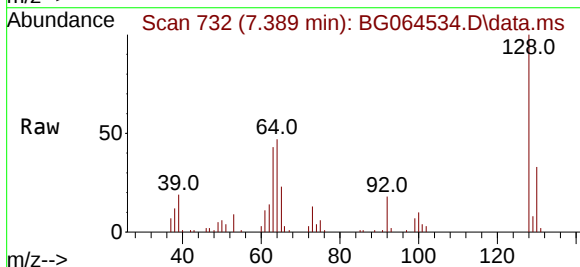
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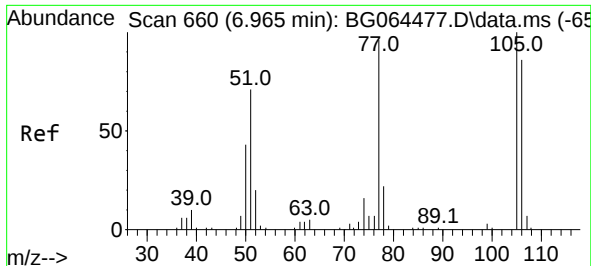
Tgt Ion: 99 Resp: 138737
Ion Ratio Lower Upper
99 100
42 31.0 22.9 34.3
71 53.1 35.4 53.2



#8
2-Chlorophenol
Concen: 48.365 ng
RT: 7.389 min Scan# 732
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion:128 Resp: 43477
Ion Ratio Lower Upper
128 100
130 32.8 9.2 49.2
64 46.7 25.5 65.5

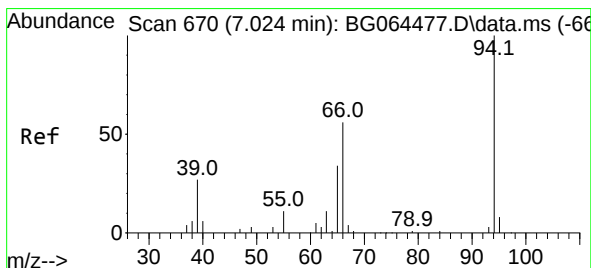
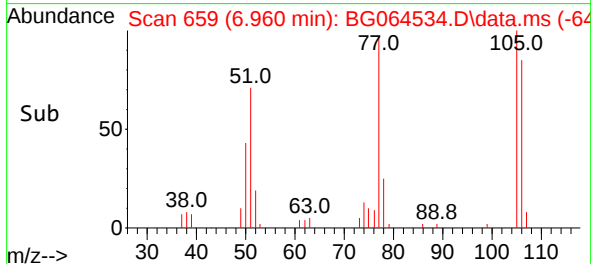
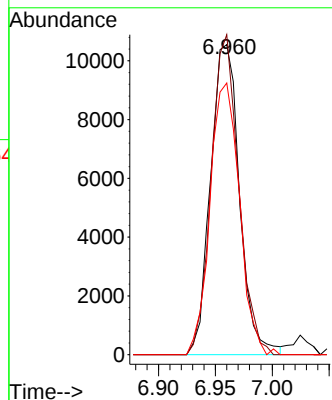
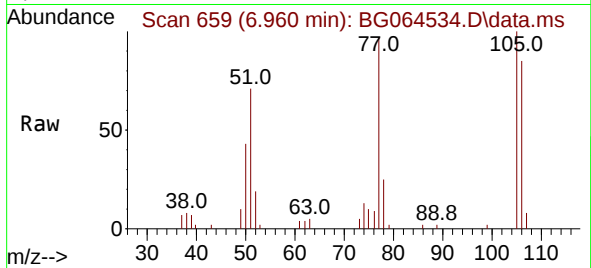




#9
Benzaldehyde
Concen: 21.405 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

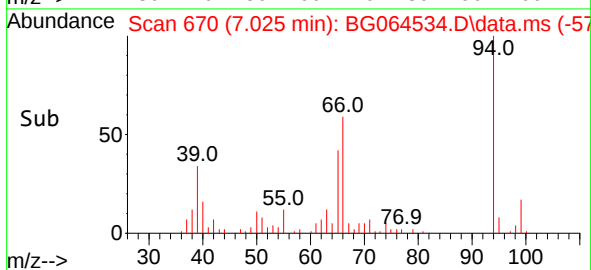
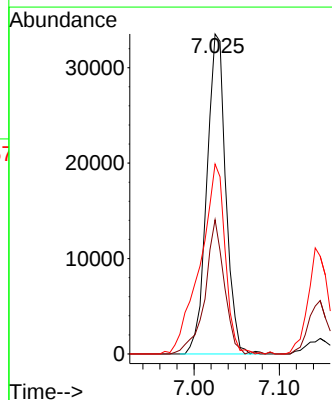
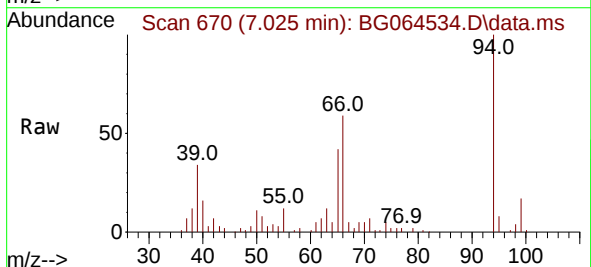
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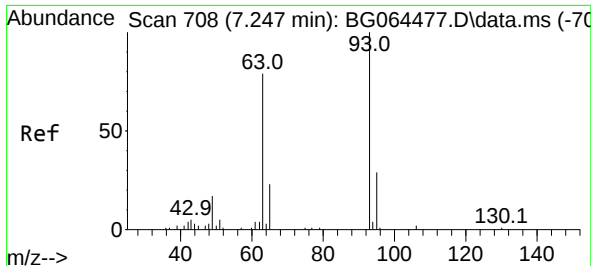
Tgt Ion: 77 Resp: 18692
Ion Ratio Lower Upper
77 100
105 103.2 83.7 123.7
106 87.6 69.4 109.4



#10
Phenol
Concen: 49.846 ng
RT: 7.025 min Scan# 670
Delta R.T. 0.009 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion: 94 Resp: 51729
Ion Ratio Lower Upper
94 100
65 42.0 14.8 54.8
66 59.4 41.4 81.4

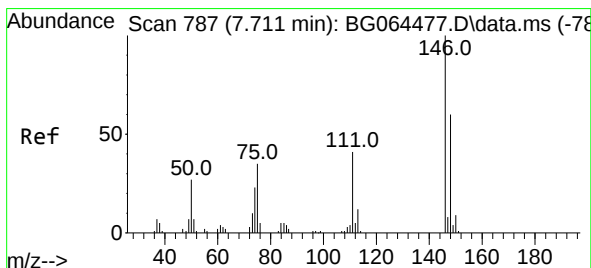
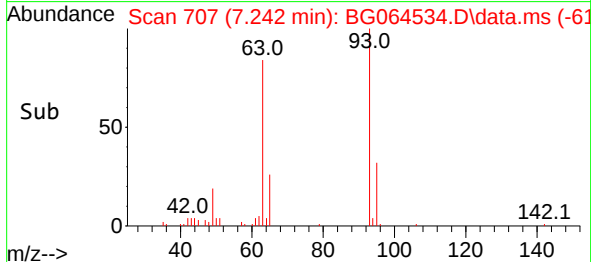
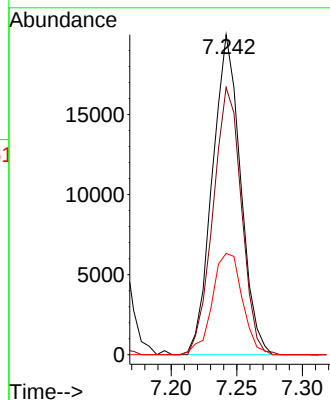
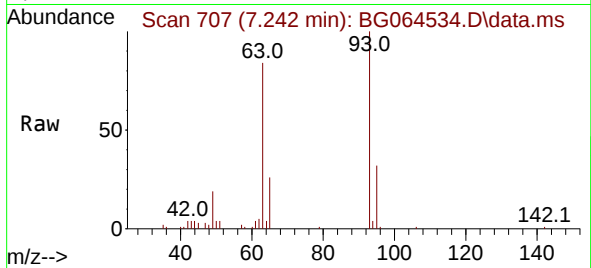




#11
bis(2-Chloroethyl)ether
Concen: 42.476 ng
RT: 7.242 min Scan# 708
Delta R.T. -0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

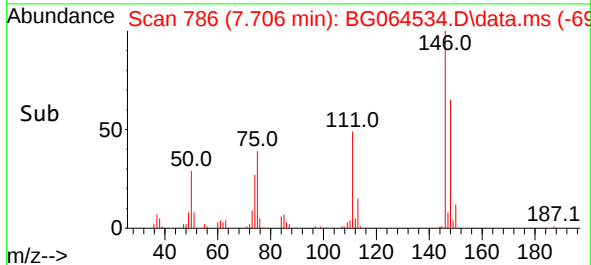
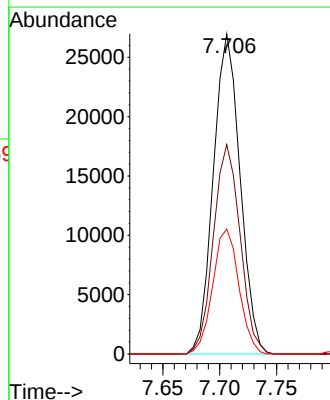
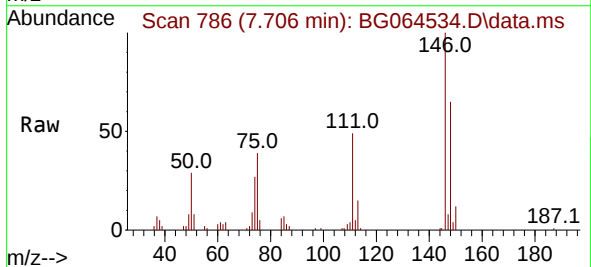
Instrument :
BNA_G
ClientSampleId :
PB170144BS

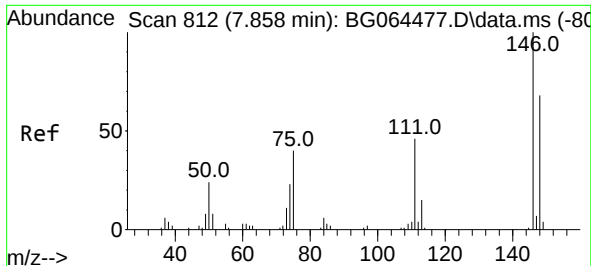
Tgt Ion: 93	Resp:	29852
Ion Ratio	Lower	Upper
93	100	
63	83.5	59.5 99.5
95	31.7	8.8 48.8



#12
1,3-Dichlorobenzene
Concen: 44.838 ng
RT: 7.706 min Scan# 786
Delta R.T. -0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion: 146	Resp:	44092
Ion Ratio	Lower	Upper
146	100	
148	65.4	48.4 72.6
75	39.0	28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 47.505 ng

RT: 7.853 min Scan# 811

Delta R.T. -0.003 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB170144BS

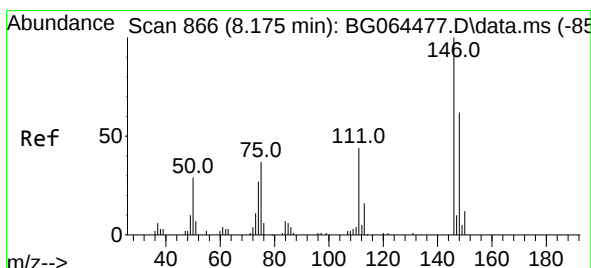
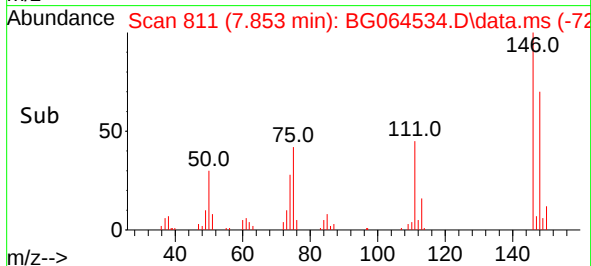
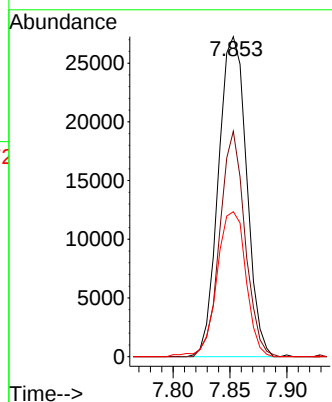
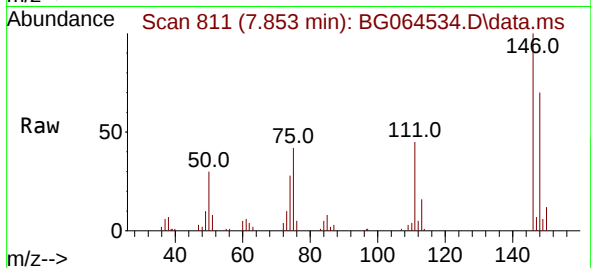
Tgt Ion:146 Resp: 46884

Ion Ratio Lower Upper

146 100

148 70.4 54.4 81.6

111 45.3 36.5 54.7



#14

1,2-Dichlorobenzene

Concen: 46.200 ng

RT: 8.164 min Scan# 864

Delta R.T. -0.009 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

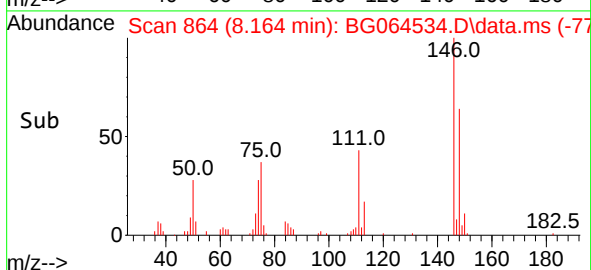
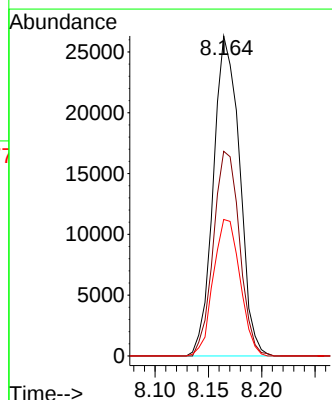
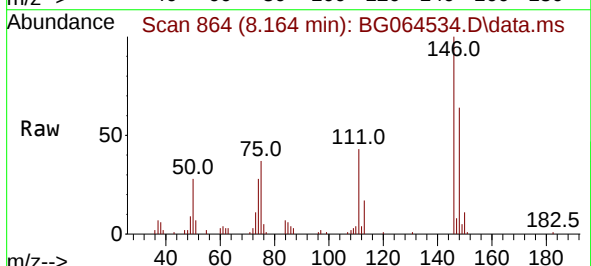
Tgt Ion:146 Resp: 44938

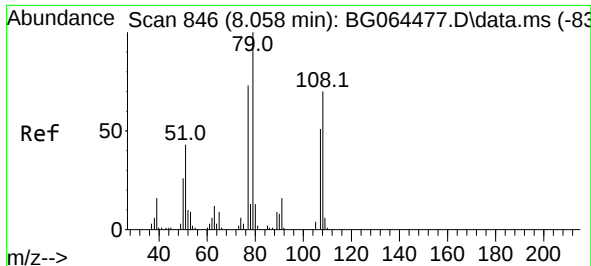
Ion Ratio Lower Upper

146 100

148 64.0 50.0 75.0

111 42.7 35.0 52.4

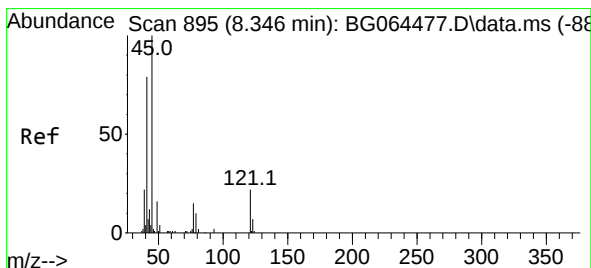
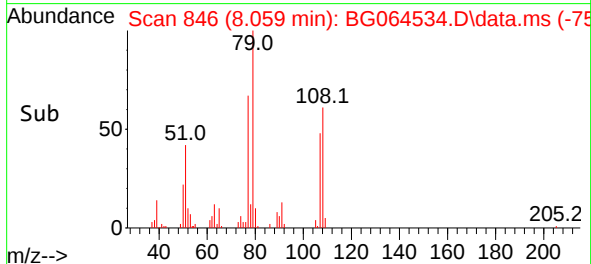
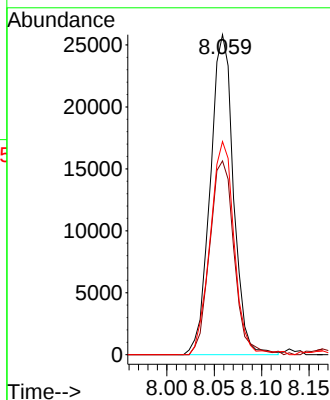
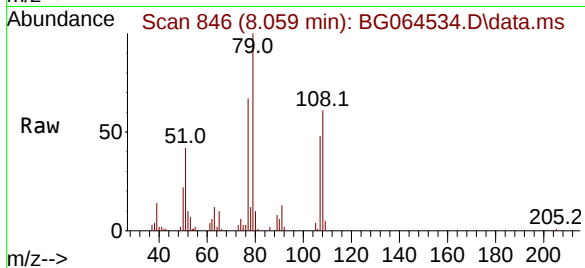




#15
Benzyl Alcohol
Concen: 48.490 ng
RT: 8.059 min Scan# 84
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

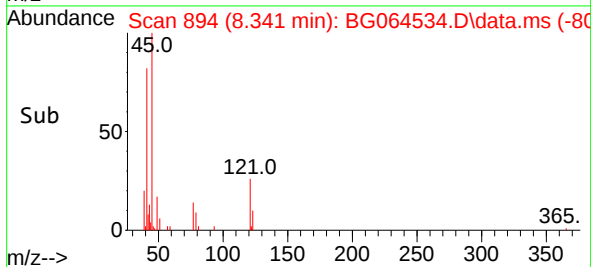
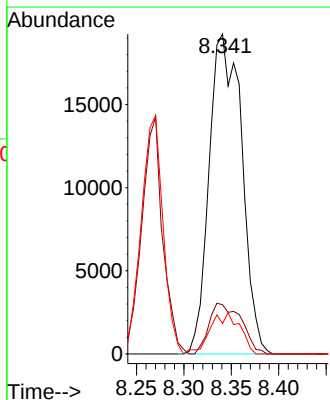
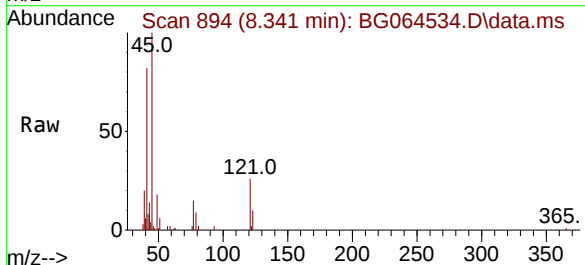
Instrument :
BNA_G
ClientSampleId :
PB170144BS

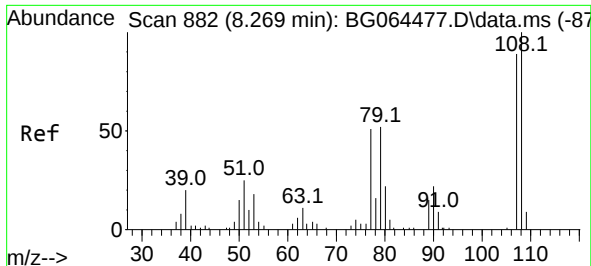
Tgt Ion: 79 Resp: 43931
Ion Ratio Lower Upper
79 100
108 60.5 56.4 84.6
77 66.6 58.3 87.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.433 ng
RT: 8.341 min Scan# 894
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion: 45 Resp: 45805
Ion Ratio Lower Upper
45 100
77 15.4 0.0 35.6
79 9.5 0.0 30.7

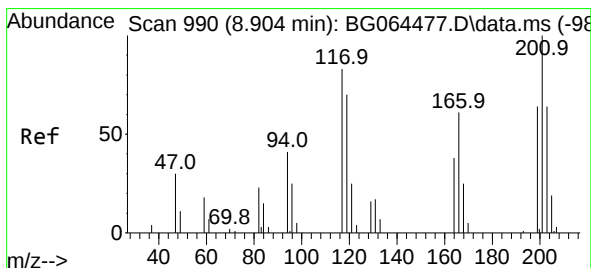
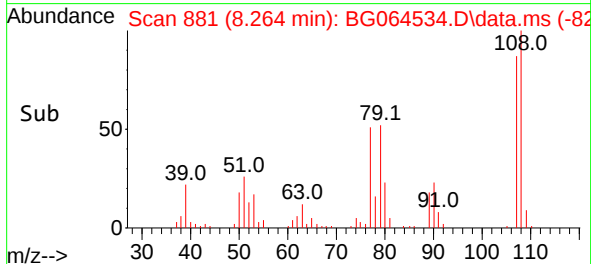
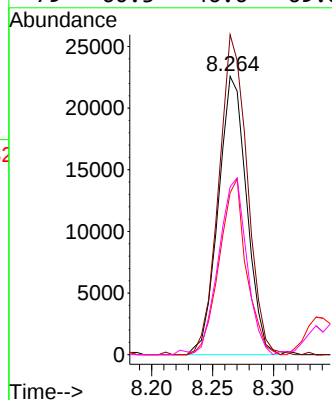
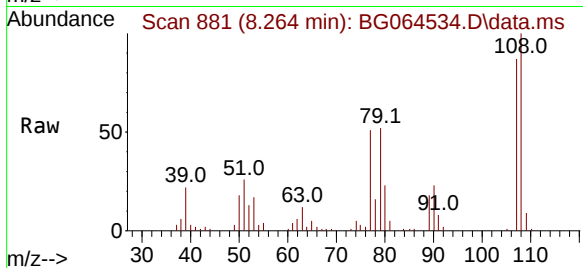




#17
2-Methylphenol
Concen: 48.703 ng
RT: 8.264 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

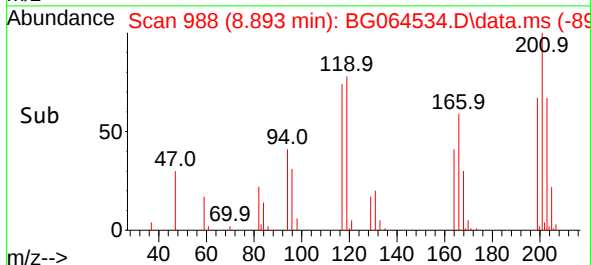
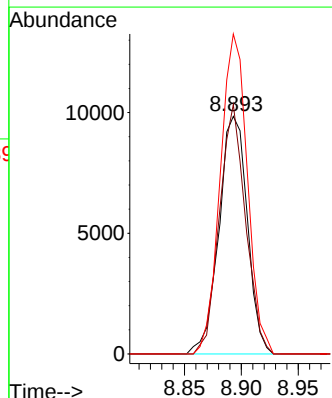
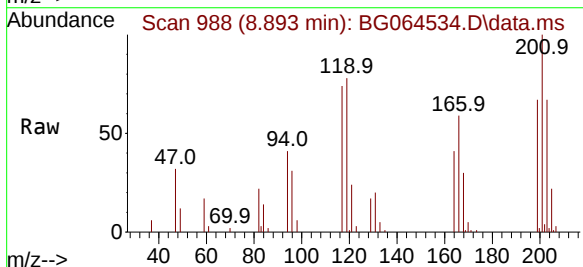
Instrument :
BNA_G
ClientSampleId :
PB170144BS

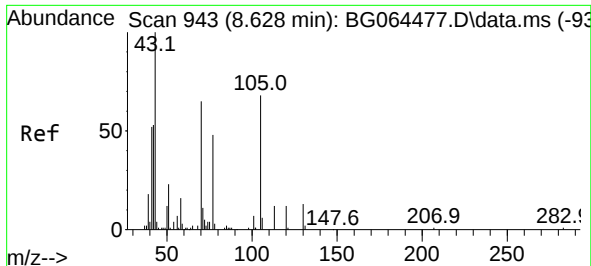
Tgt Ion:	107	Resp:	36599
Ion	Ratio	Lower	Upper
107	100		
108	115.0	90.3	135.5
77	58.1	46.0	69.0
79	60.3	46.6	69.8



#18
Hexachloroethane
Concen: 43.788 ng
RT: 8.893 min Scan# 988
Delta R.T. -0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion:	117	Resp:	17058
Ion	Ratio	Lower	Upper
117	100		
119	105.0	67.4	101.0#
201	134.7	95.9	143.9

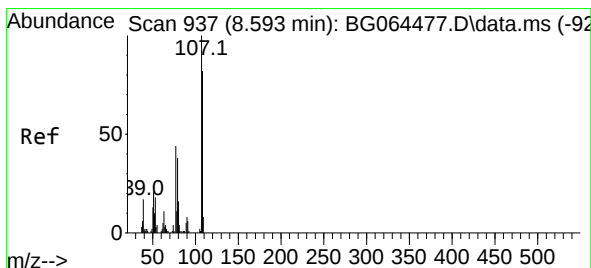
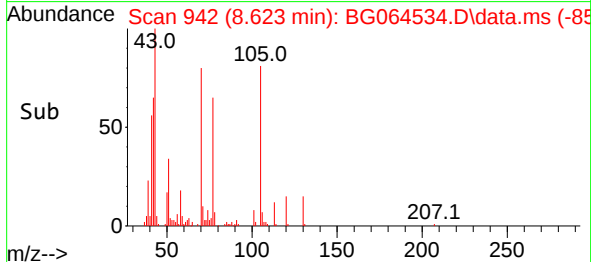
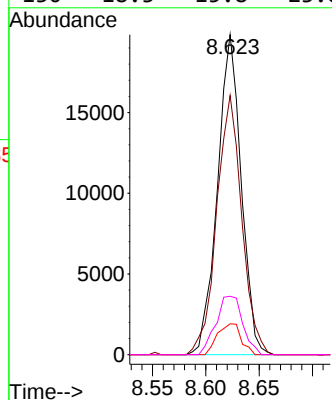
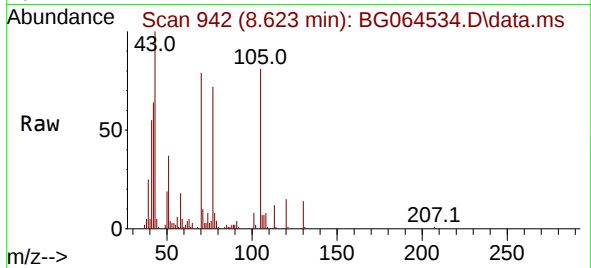




#19
n-Nitroso-di-n-propylamine
Concen: 46.565 ng
RT: 8.623 min Scan# 943
Delta R.T. 0.009 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

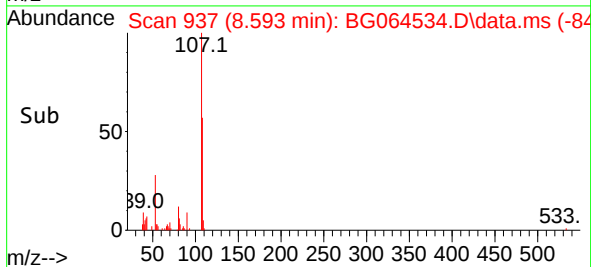
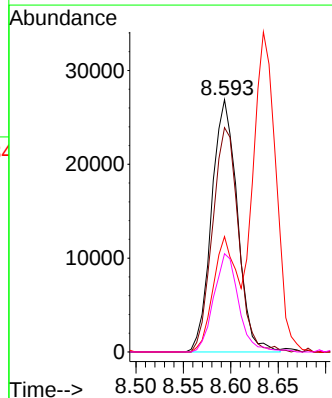
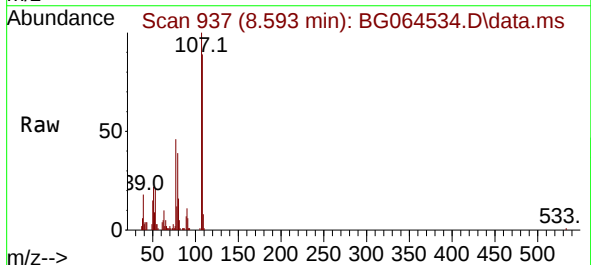
Instrument :
BNA_G
ClientSampleId :
PB170144BS

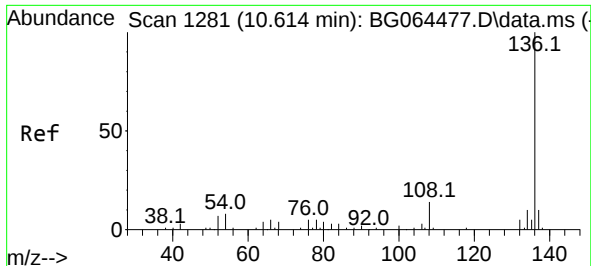
Tgt Ion:	70	Resp:	30636
Ion	Ratio	Lower	Upper
70	100		
42	81.0	64.9	97.3
101	9.6	8.7	13.1
130	18.3	15.8	23.8



#20
3+4-Methylphenols
Concen: 48.467 ng
RT: 8.593 min Scan# 937
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion:	107	Resp:	50826
Ion	Ratio	Lower	Upper
107	100		
108	88.9	62.1	102.1
77	45.7	23.5	63.5
79	38.9	17.8	57.8

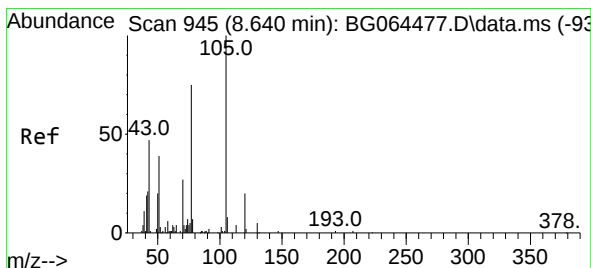
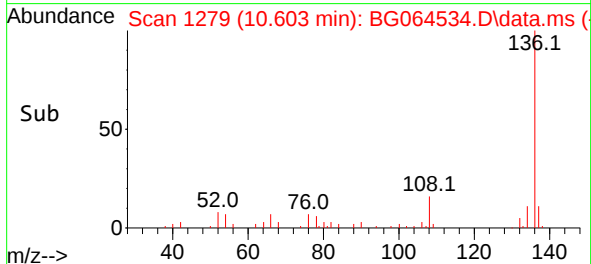
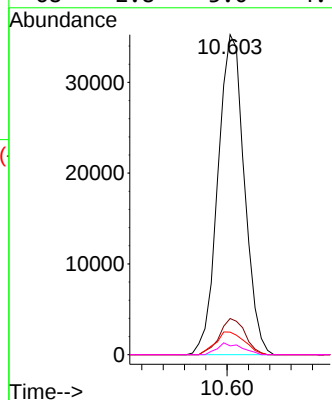
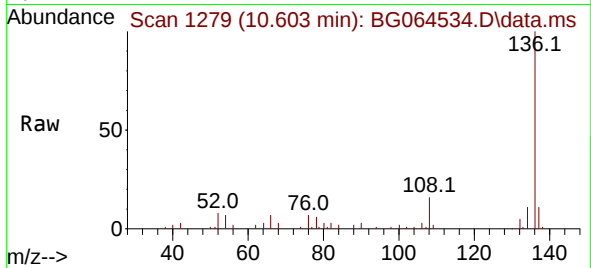




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.603 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

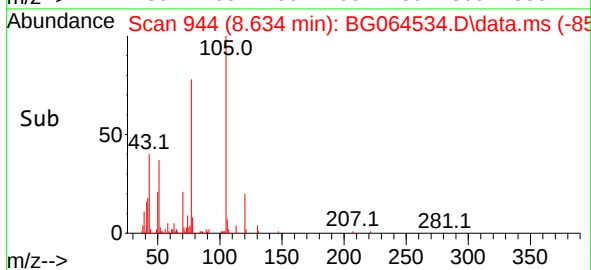
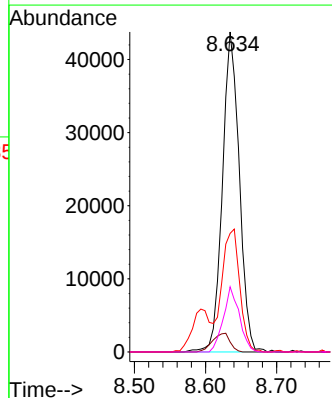
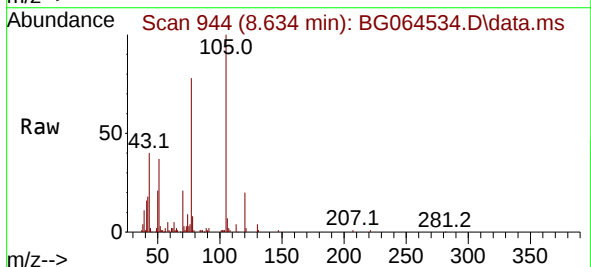
Instrument :
BNA_G
ClientSampleId :
PB170144BS

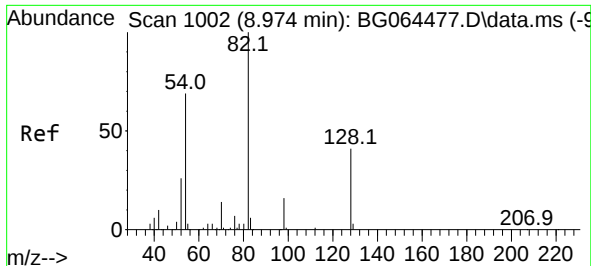
Tgt Ion:136	Resp: 60553
Ion Ratio	Lower Upper
136	100
137	11.3 8.3 12.5
54	7.1 6.2 9.4
68	2.8 3.0 4.4



#22
Acetophenone
Concen: 49.110 ng
RT: 8.634 min Scan# 944
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion:105	Resp: 72002
Ion Ratio	Lower Upper
105	100
71	3.1 2.8 4.2
51	37.0 33.0 49.4
120	20.4 15.8 23.6

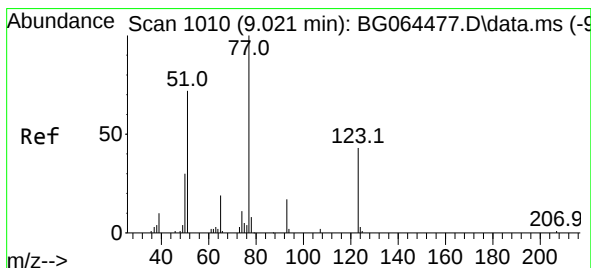
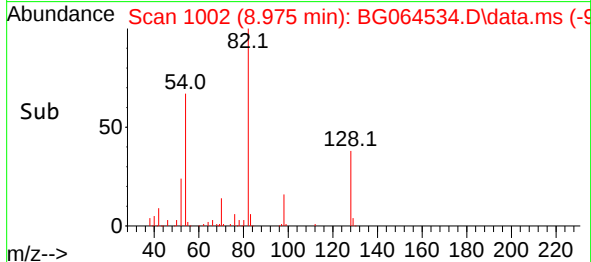
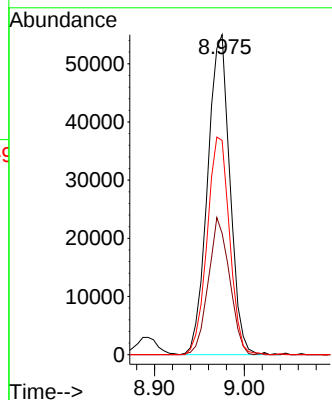
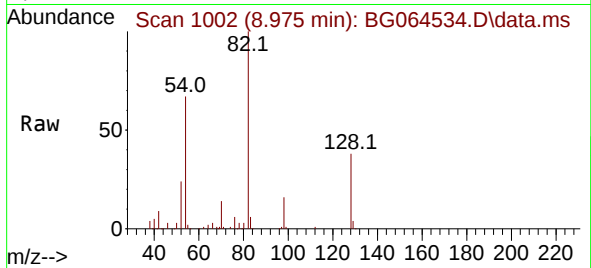




#23
Nitrobenzene-d5
Concen: 84.209 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.009 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

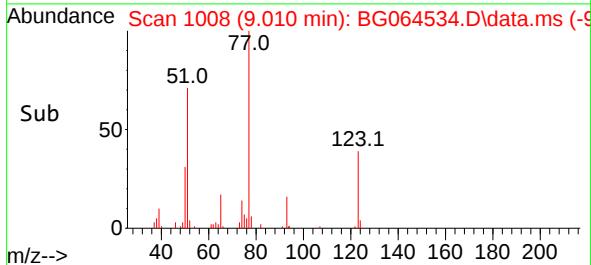
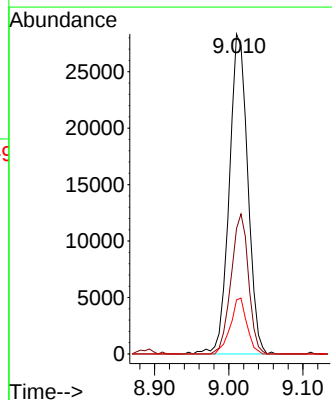
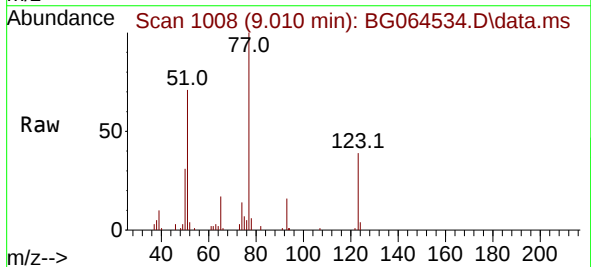
Instrument :
BNA_G
ClientSampleId :
PB170144BS

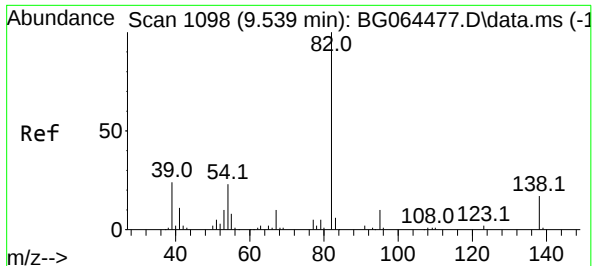
Tgt Ion: 82 Resp: 94832
Ion Ratio Lower Upper
82 100
128 37.9 33.1 49.7
54 67.0 55.4 83.2



#24
Nitrobenzene
Concen: 43.659 ng
RT: 9.010 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion: 77 Resp: 49030
Ion Ratio Lower Upper
77 100
123 39.2 34.4 51.6
65 16.9 14.8 22.2

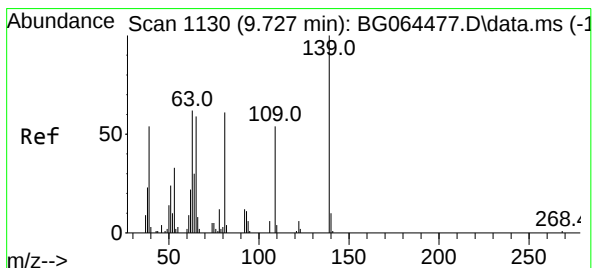
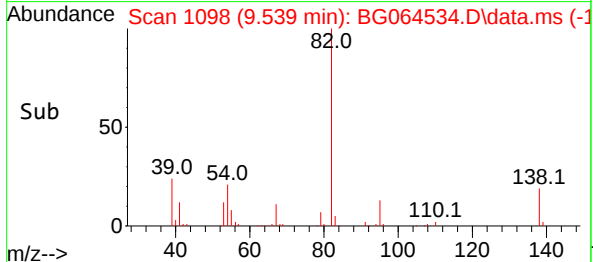
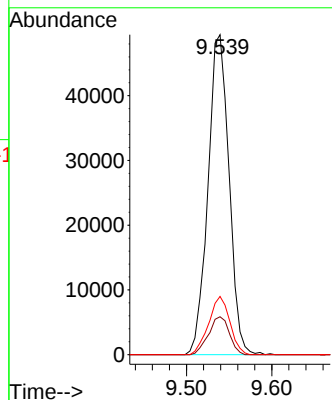
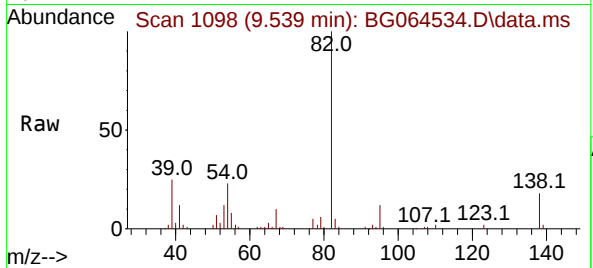




#25
Isophorone
Concen: 41.463 ng
RT: 9.539 min Scan# 1129
Delta R.T. 0.009 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

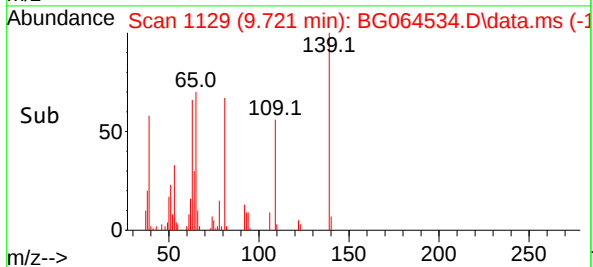
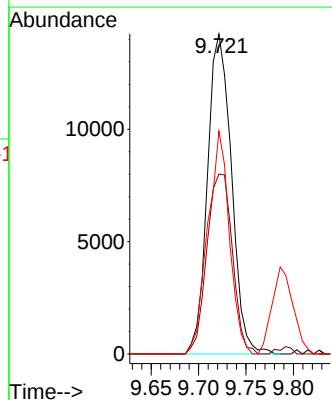
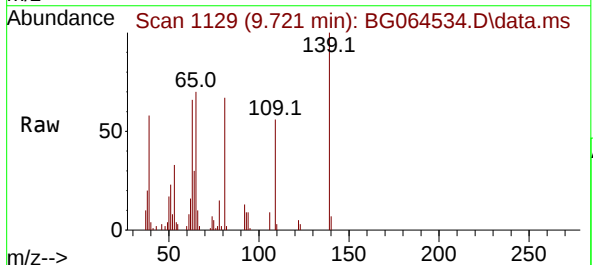
Instrument :
BNA_G
ClientSampleId :
PB170144BS

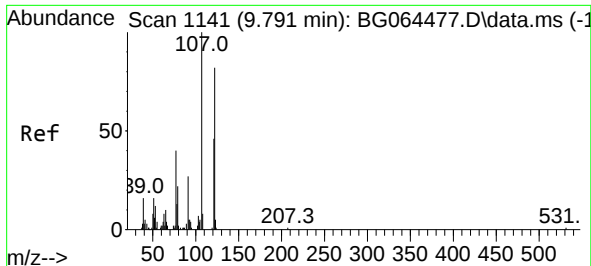
Tgt Ion: 82 Resp: 84589
Ion Ratio Lower Upper
82 100
95 11.8 7.8 11.8#
138 18.2 13.8 20.6



#26
2-Nitrophenol
Concen: 44.725 ng
RT: 9.721 min Scan# 1129
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion:139 Resp: 24998
Ion Ratio Lower Upper
139 100
109 56.2 43.0 64.6
65 69.6 47.4 71.2





#27

2,4-Dimethylphenol

Concen: 51.699 ng

RT: 9.786 min Scan# 1141

Delta R.T. 0.003 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB170144BS

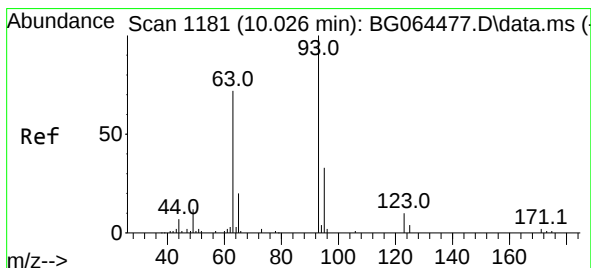
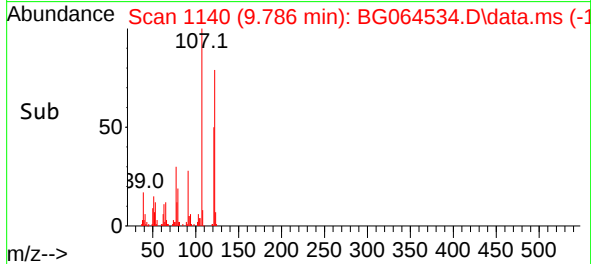
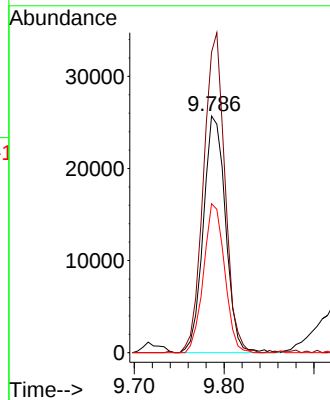
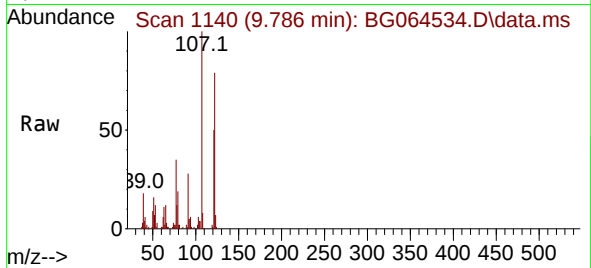
Tgt Ion:122 Resp: 44134

Ion Ratio Lower Upper

122 100

107 127.0 98.3 147.5

121 62.9 44.7 67.1



#28

bis(2-Chloroethoxy)methane

Concen: 45.028 ng

RT: 10.015 min Scan# 1179

Delta R.T. -0.003 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

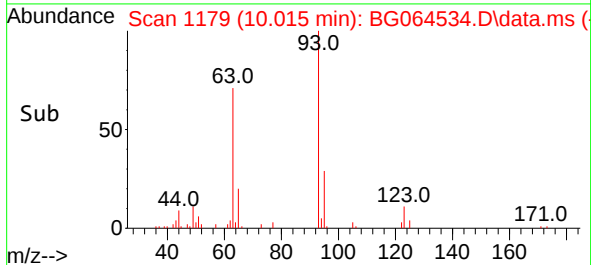
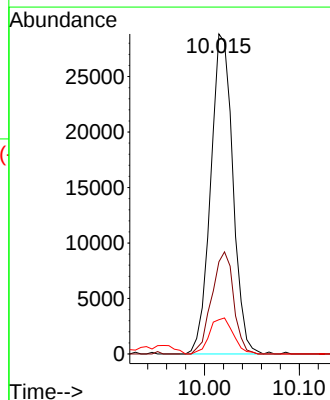
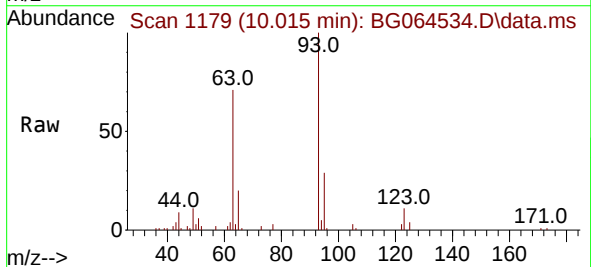
Tgt Ion: 93 Resp: 46826

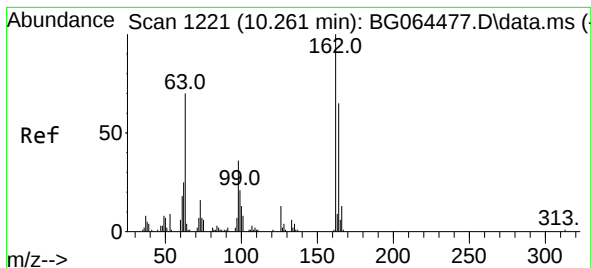
Ion Ratio Lower Upper

93 100

95 28.8 26.5 39.7

123 10.7 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 46.675 ng

RT: 10.262 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB170144BS

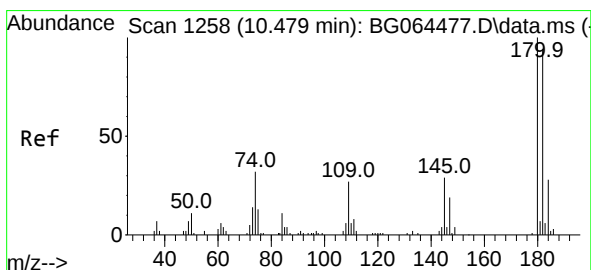
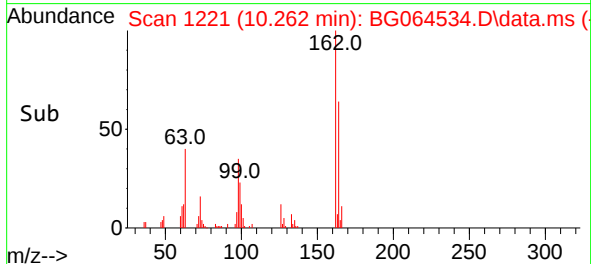
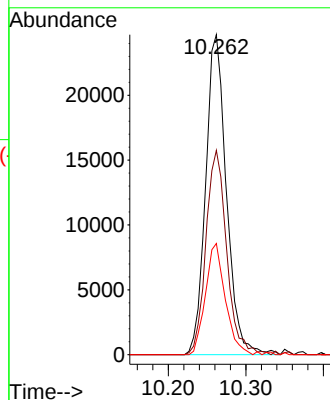
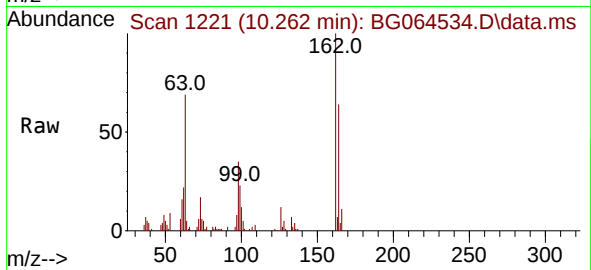
Tgt Ion:162 Resp: 46077

Ion Ratio Lower Upper

162 100

164 63.9 45.4 85.4

98 34.7 16.4 56.4



#30

1,2,4-Trichlorobenzene

Concen: 48.305 ng

RT: 10.468 min Scan# 1256

Delta R.T. -0.003 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

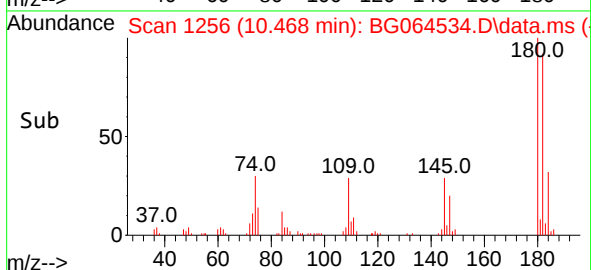
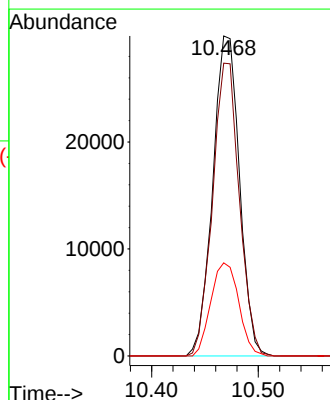
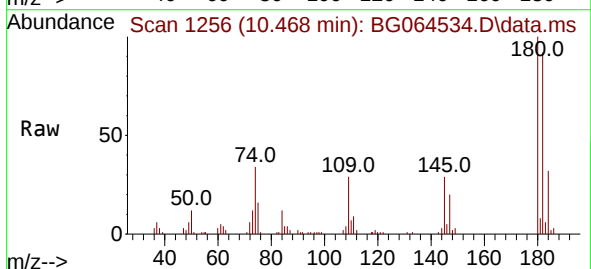
Tgt Ion:180 Resp: 51994

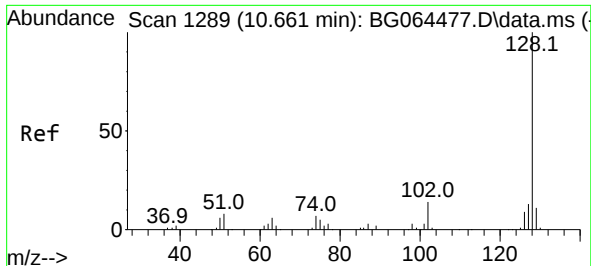
Ion Ratio Lower Upper

180 100

182 91.5 75.4 113.2

145 29.1 23.2 34.8

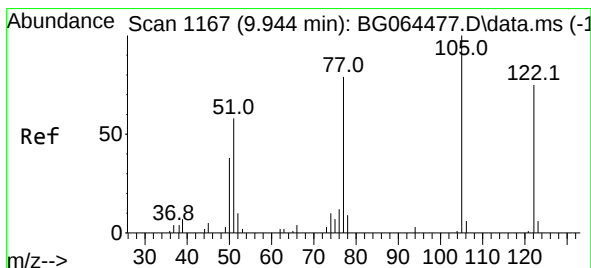
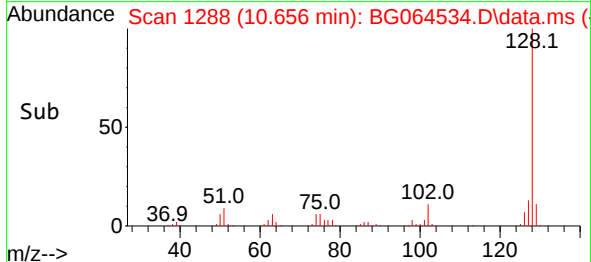
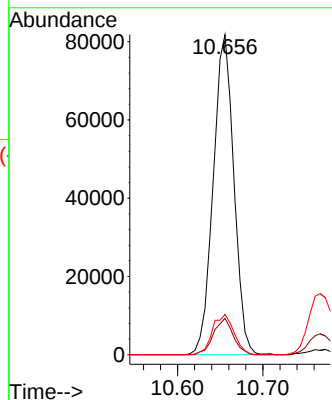
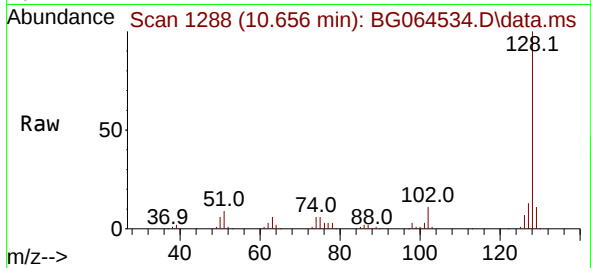




#31
Naphthalene
Concen: 44.089 ng
RT: 10.656 min Scan# 1170
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

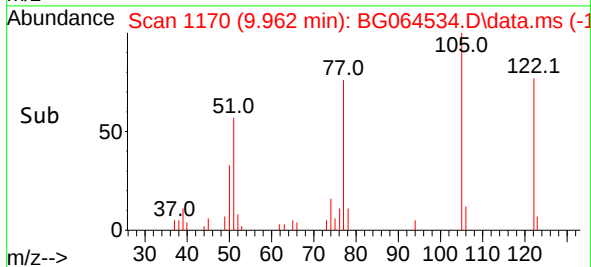
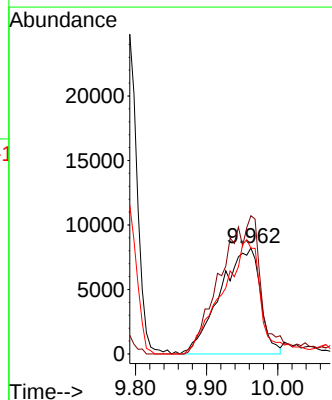
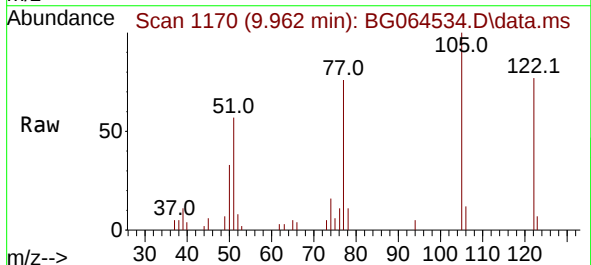
Instrument :
BNA_G
ClientSampleId :
PB170144BS

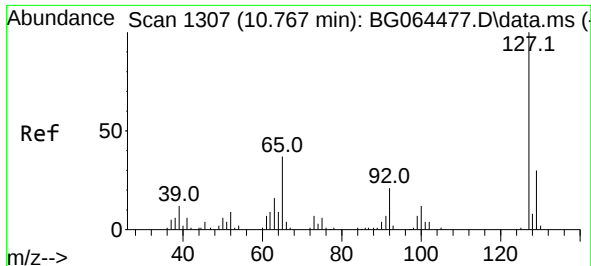
Tgt Ion:128 Resp: 137476
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 12.6 10.2 15.2



#32
Benzoic acid
Concen: 49.247 ng
RT: 9.962 min Scan# 1170
Delta R.T. 0.074 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

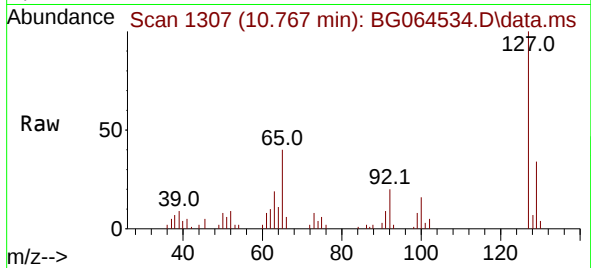
Tgt Ion:122 Resp: 32278
Ion Ratio Lower Upper
122 100
105 130.6 113.9 153.9
77 99.8 86.1 126.1



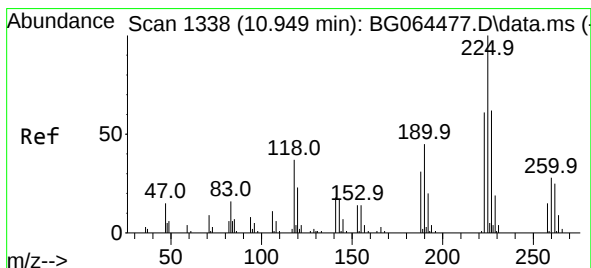
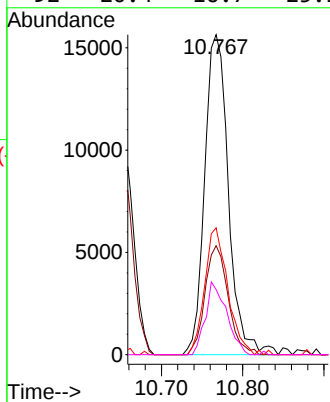
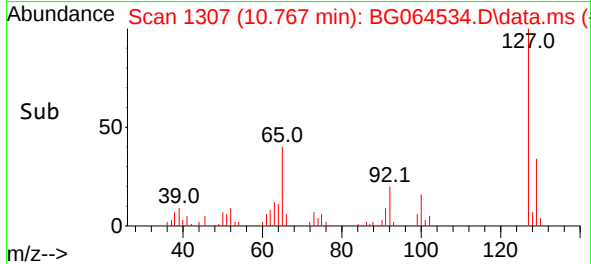


#33
4-Chloroaniline
Concen: 26.562 ng
RT: 10.767 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

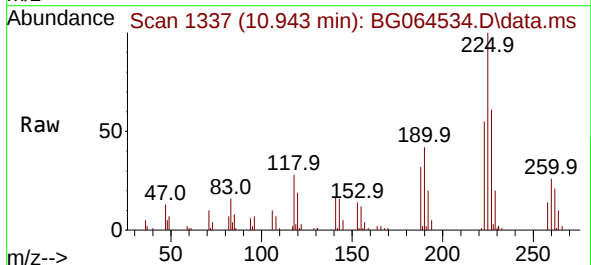
Instrument :
BNA_G
ClientSampleId :
PB170144BS



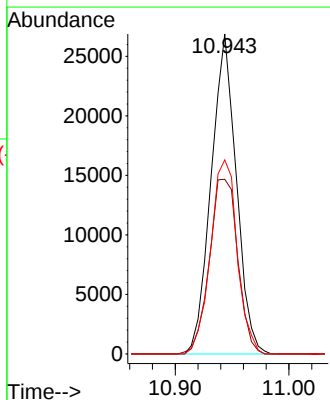
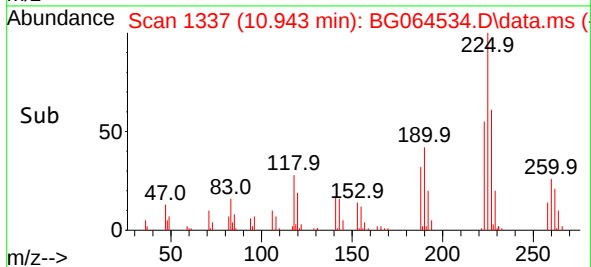
Tgt Ion:	127	Resp:	31783
Ion	Ratio	Lower	Upper
127	100		
129	34.0	24.2	36.4
65	39.6	29.6	44.4
92	20.4	16.7	25.1

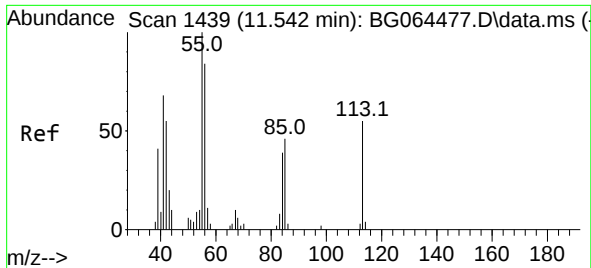


#34
Hexachlorobutadiene
Concen: 44.797 ng
RT: 10.943 min Scan# 1337
Delta R.T. -0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43



Tgt Ion:	225	Resp:	41295
Ion	Ratio	Lower	Upper
225	100		
223	54.6	49.0	73.6
227	60.6	49.9	74.9

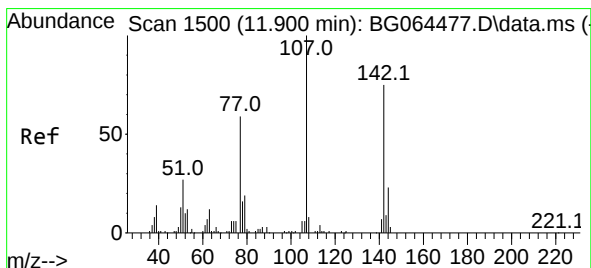
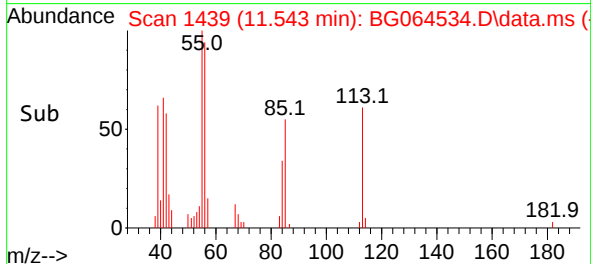
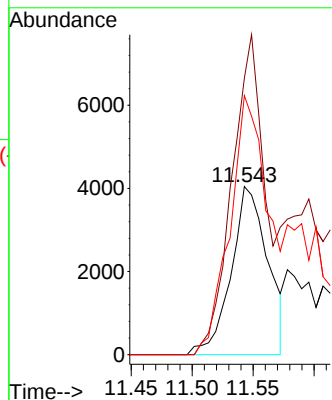
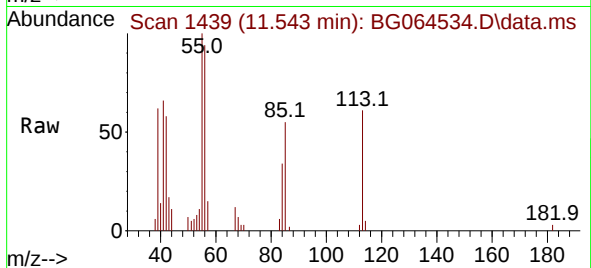




#35
Caprolactam
Concen: 24.935 ng
RT: 11.543 min Scan# 1439
Delta R.T. 0.033 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

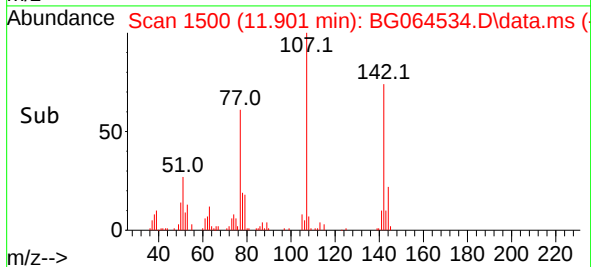
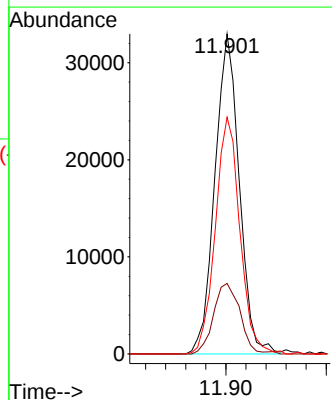
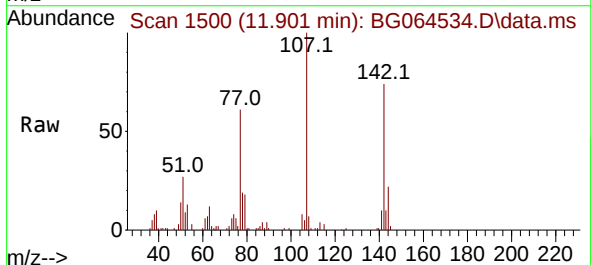
Instrument :
BNA_G
ClientSampleId :
PB170144BS

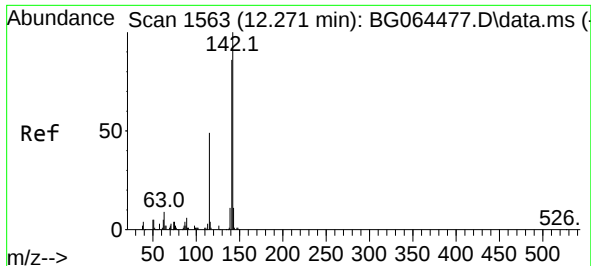
Tgt Ion:113 Resp: 8427
Ion Ratio Lower Upper
113 100
55 164.4 162.0 202.0
56 154.0 134.6 174.6



#36
4-Chloro-3-methylphenol
Concen: 46.254 ng
RT: 11.901 min Scan# 1500
Delta R.T. 0.009 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion:107 Resp: 55528
Ion Ratio Lower Upper
107 100
144 22.1 18.7 28.1
142 73.9 60.2 90.2





#37

2-Methylnaphthalene

Concen: 40.178 ng

RT: 12.265 min Scan# 1562

Delta R.T. -0.003 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB170144BS

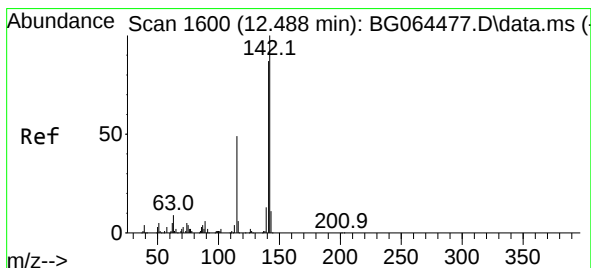
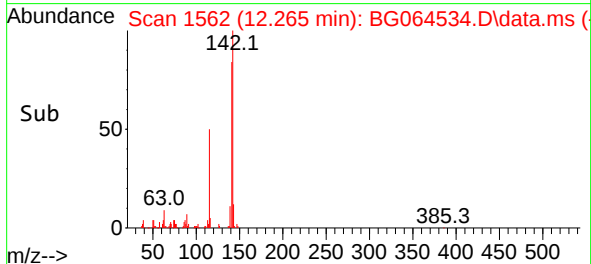
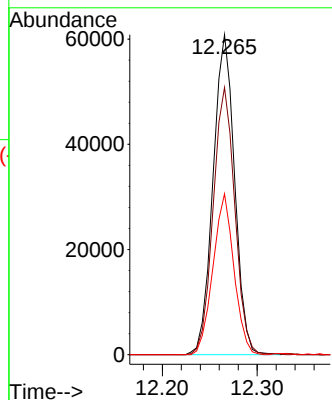
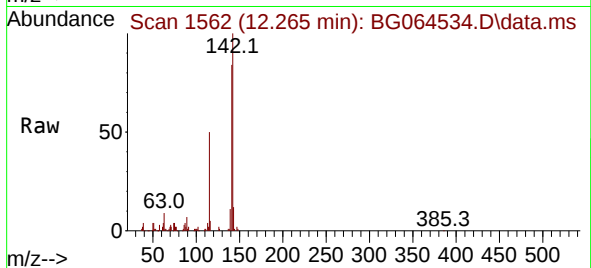
Tgt Ion:142 Resp: 96169

Ion Ratio Lower Upper

142 100

141 83.5 68.7 103.1

115 50.2 39.3 58.9



#38

1-Methylnaphthalene

Concen: 40.294 ng

RT: 12.265 min Scan# 1562

Delta R.T. -0.220 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

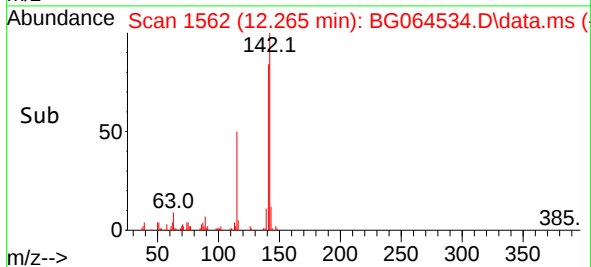
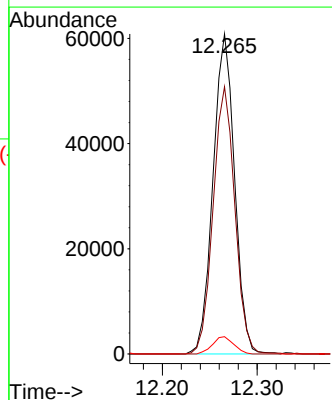
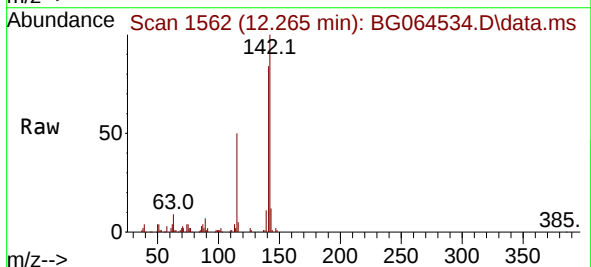
Tgt Ion:142 Resp: 96169

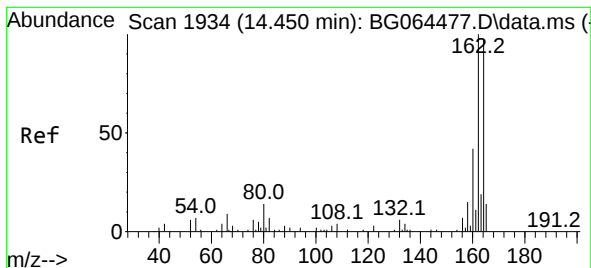
Ion Ratio Lower Upper

142 100

141 83.5 69.8 104.8

116 5.4 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: BG064534.D

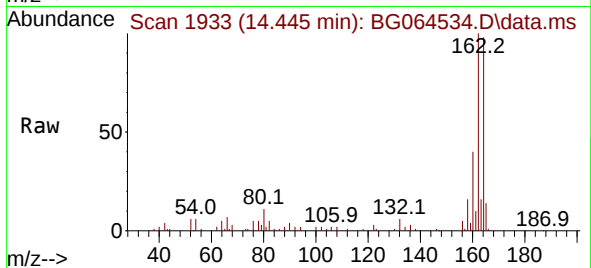
Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB170144BS



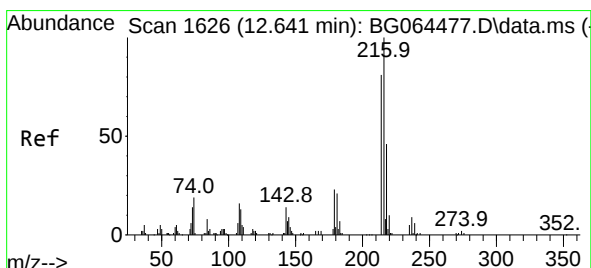
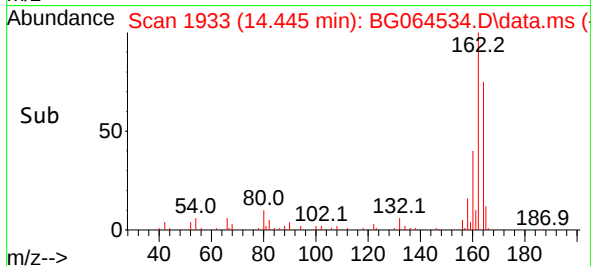
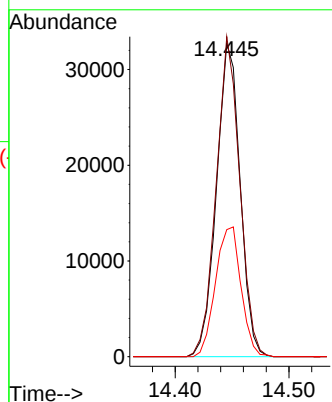
Tgt Ion:164 Resp: 47398

Ion Ratio Lower Upper

164 100

162 102.0 82.2 123.2

160 40.5 34.3 51.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.965 ng

RT: 12.636 min Scan# 1625

Delta R.T. -0.003 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

Tgt Ion:216 Resp: 73405

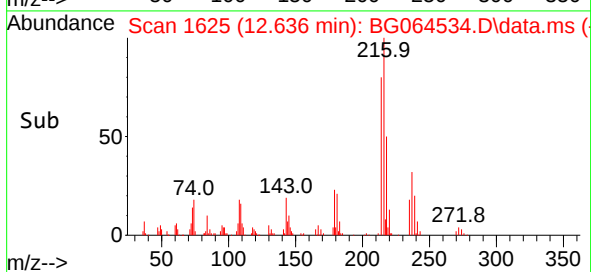
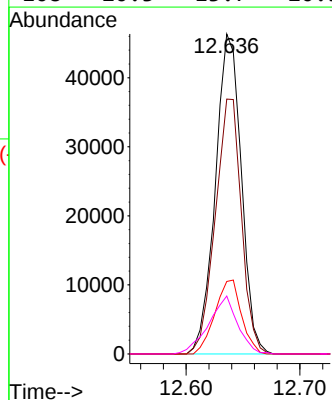
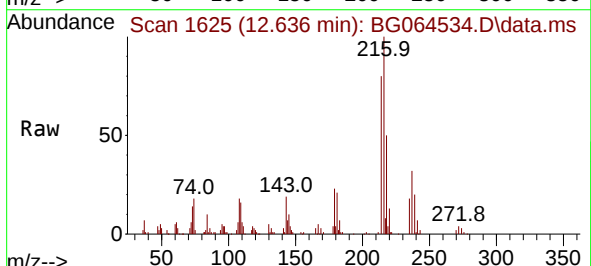
Ion Ratio Lower Upper

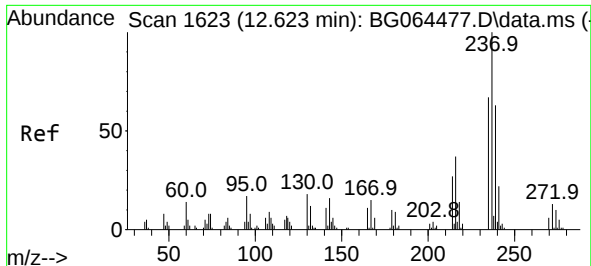
216 100

214 80.0 62.5 93.7

179 23.6 17.0 25.6

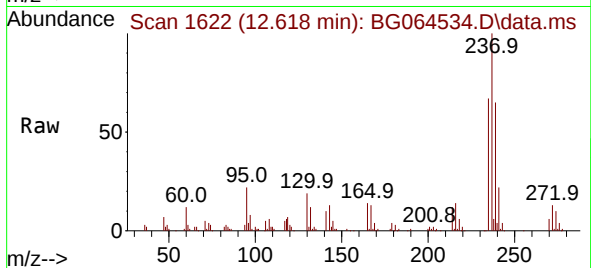
108 20.3 13.7 20.5



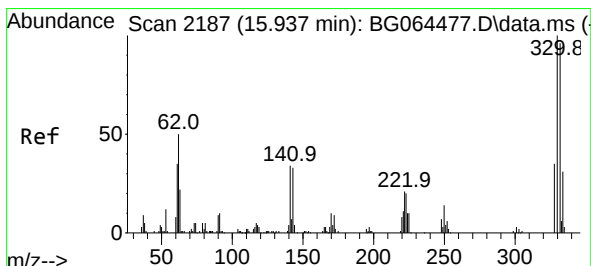
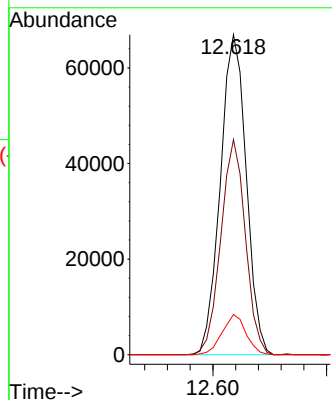
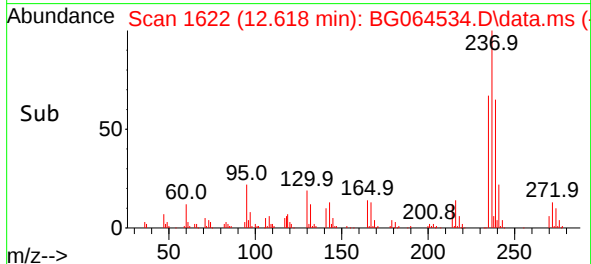


#41
Hexachlorocyclopentadiene
Concen: 132.127 ng
RT: 12.618 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

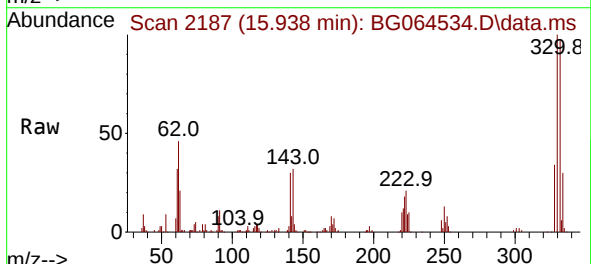
Instrument :
BNA_G
ClientSampleId :
PB170144BS



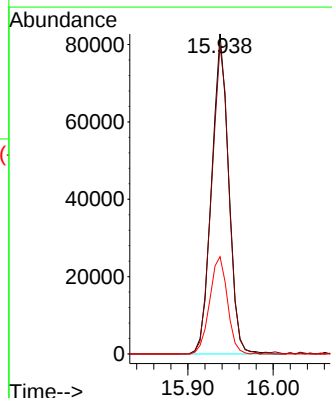
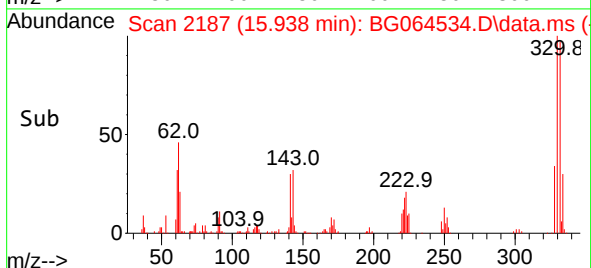
Tgt Ion:237 Resp: 105773
Ion Ratio Lower Upper
237 100
235 67.2 46.9 86.9
272 12.6 0.0 32.6

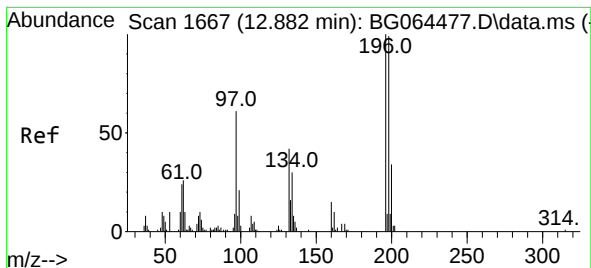


#42
2,4,6-Tribromophenol
Concen: 133.360 ng
RT: 15.938 min Scan# 2187
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43



Tgt Ion:330 Resp: 114577
Ion Ratio Lower Upper
330 100
332 97.9 77.4 116.0
141 31.7 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 45.890 ng

RT: 12.877 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB170144BS

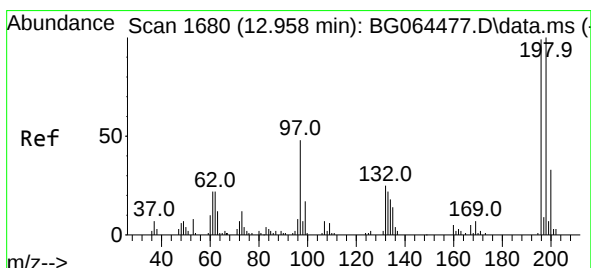
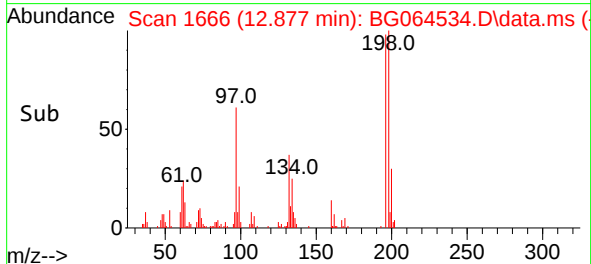
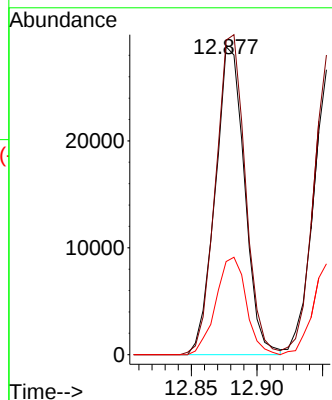
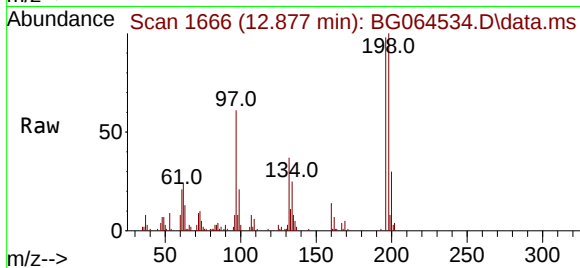
Tgt Ion:196 Resp: 44895

Ion Ratio Lower Upper

196 100

198 102.1 79.3 118.9

200 30.2 27.4 41.2



#44

2,4,5-Trichlorophenol

Concen: 46.953 ng

RT: 12.959 min Scan# 1680

Delta R.T. 0.003 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

Tgt Ion:196 Resp: 51283

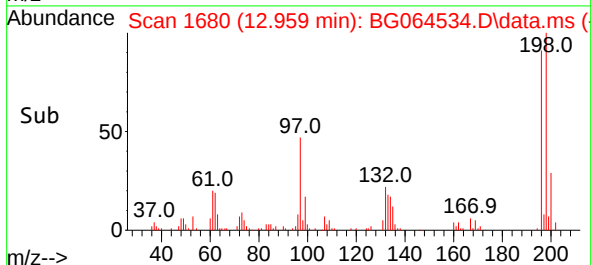
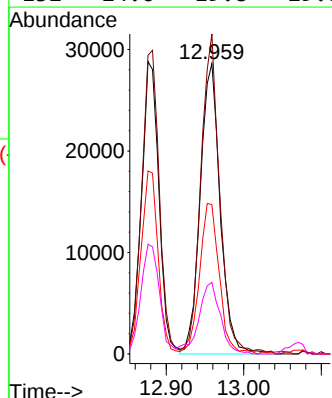
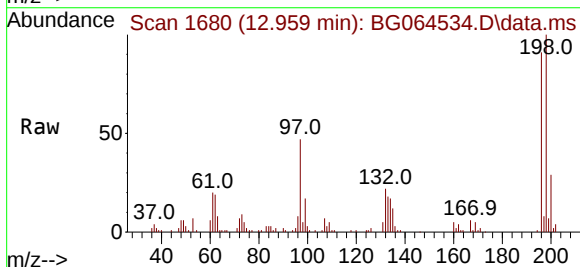
Ion Ratio Lower Upper

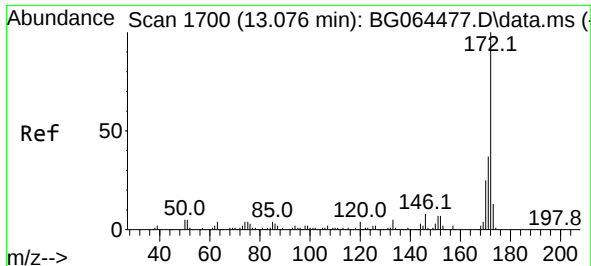
196 100

198 110.2 80.3 120.5

97 51.5 39.4 59.0

132 24.6 19.8 29.8

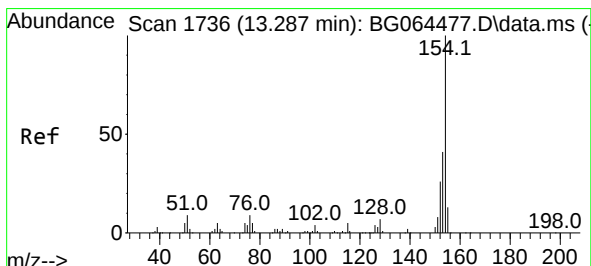
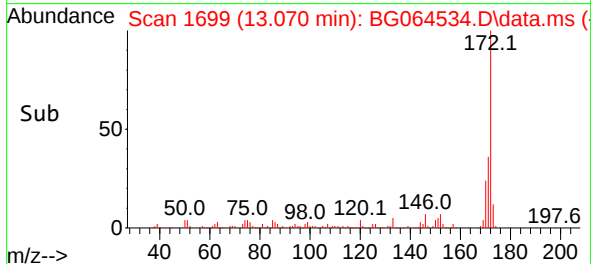
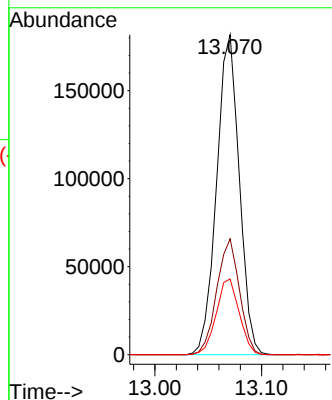
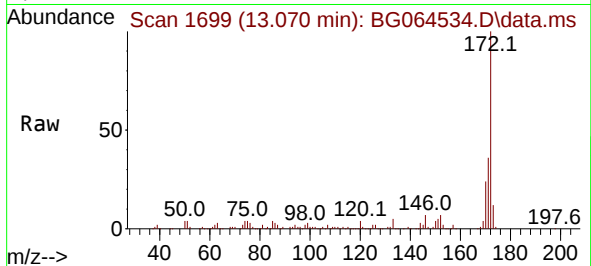




#45
2-Fluorobiphenyl
Concen: 83.324 ng
RT: 13.070 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

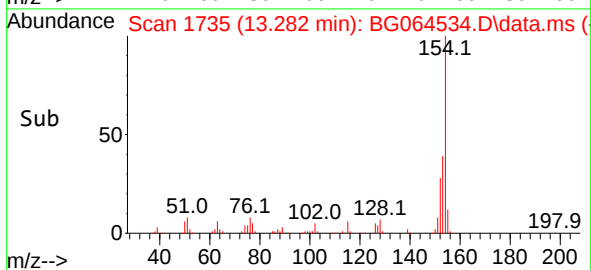
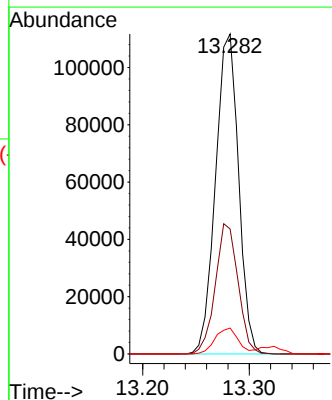
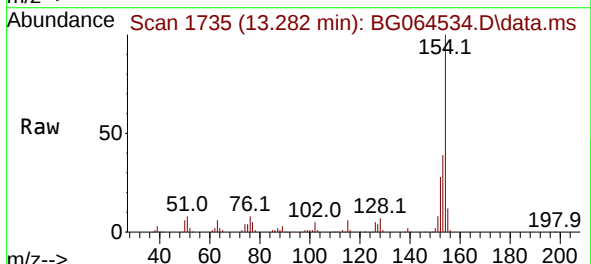
Instrument :
BNA_G
ClientSampleId :
PB170144BS

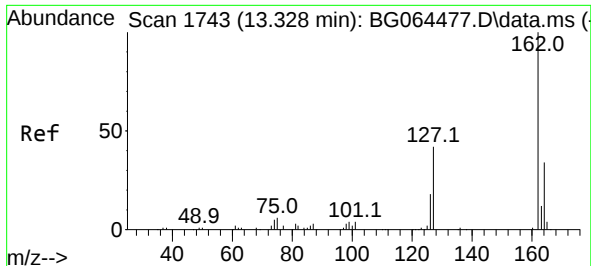
Tgt Ion:172 Resp: 267937
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.7 20.2 30.2



#46
1,1'-Biphenyl
Concen: 49.090 ng
RT: 13.282 min Scan# 1735
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion:154 Resp: 167348
Ion Ratio Lower Upper
154 100
153 39.1 20.7 60.7
76 8.1 0.0 29.3

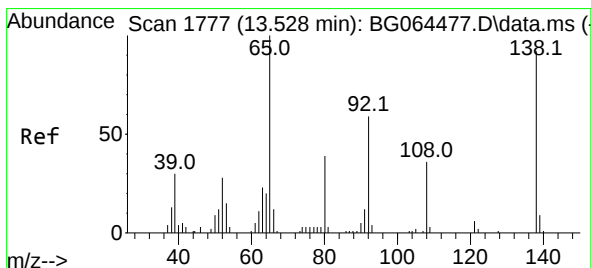
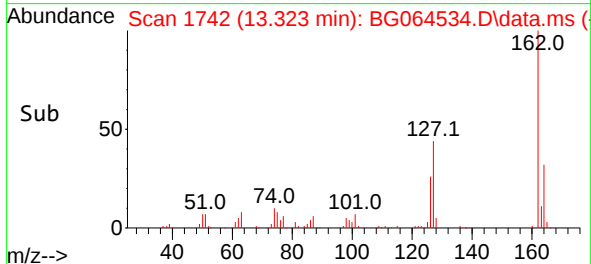
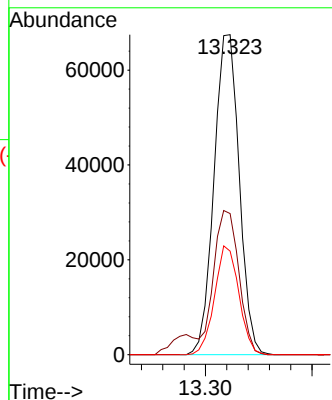
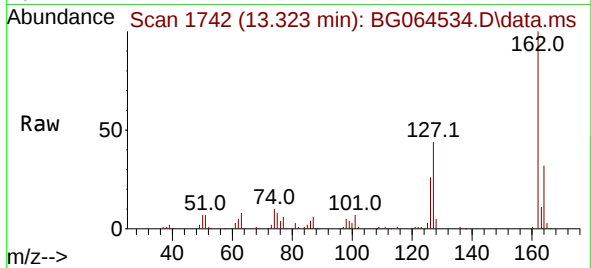




#47
2-Chloronaphthalene
Concen: 43.503 ng
RT: 13.323 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

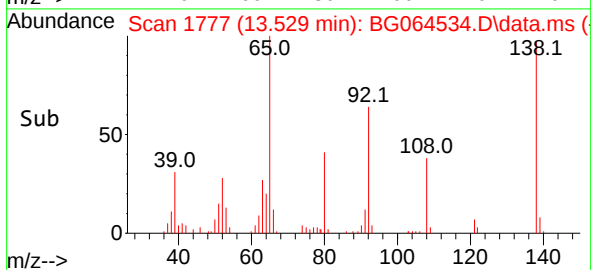
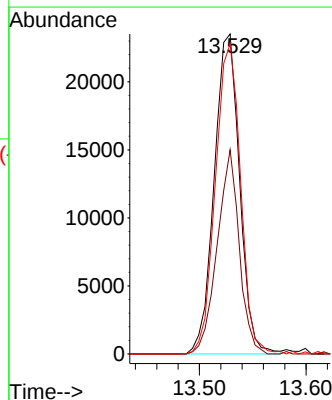
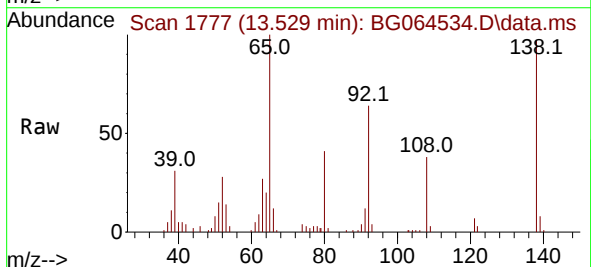
Instrument :
BNA_G
ClientSampleId :
PB170144BS

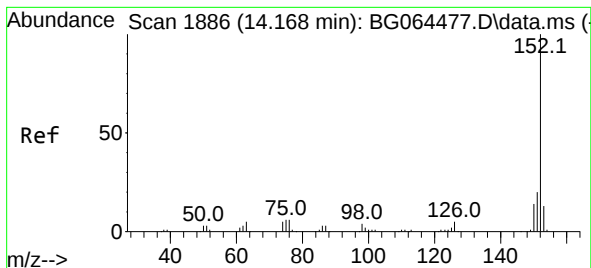
Tgt Ion:162 Resp: 110725
Ion Ratio Lower Upper
162 100
127 44.1 35.8 53.8
164 32.4 27.2 40.8



#48
2-Nitroaniline
Concen: 44.650 ng
RT: 13.529 min Scan# 1777
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion: 65 Resp: 38787
Ion Ratio Lower Upper
65 100
92 63.8 47.0 70.6
138 96.9 73.5 110.3





#49

Acenaphthylene

Concen: 51.599 ng

RT: 14.169 min Scan# 1886

Delta R.T. -0.003 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB170144BS

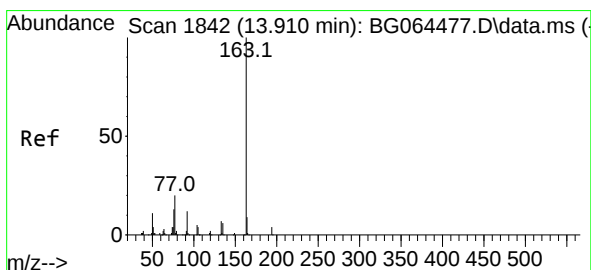
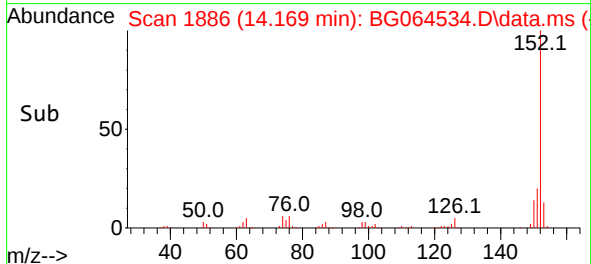
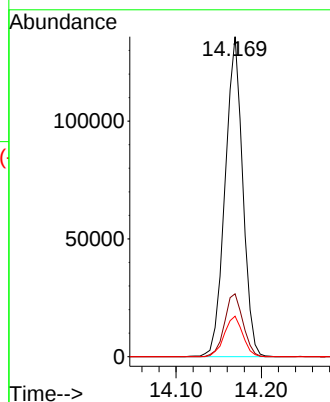
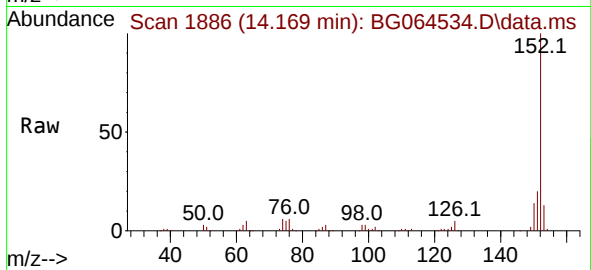
Tgt Ion:152 Resp: 194958

Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.6

153 12.7 10.6 15.8



#50

Dimethylphthalate

Concen: 43.080 ng

RT: 13.911 min Scan# 1842

Delta R.T. 0.009 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

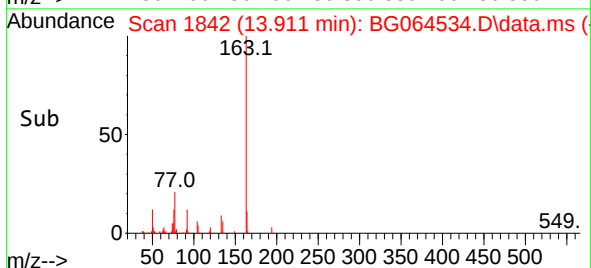
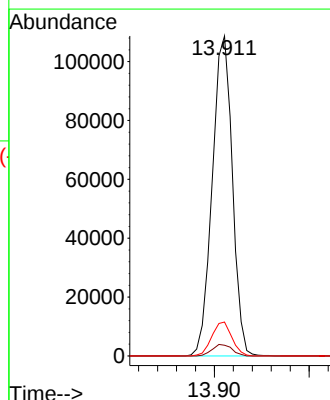
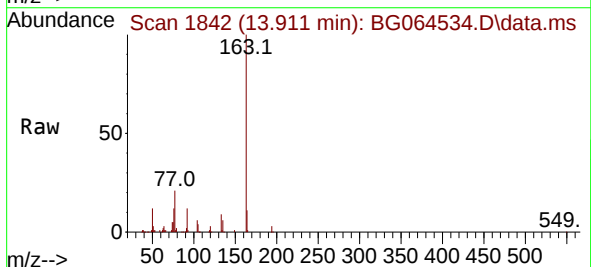
Tgt Ion:163 Resp: 159924

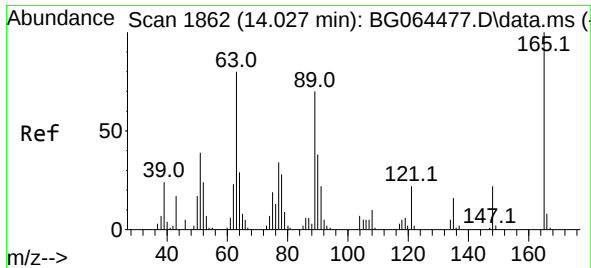
Ion Ratio Lower Upper

163 100

194 3.3 2.9 4.3

164 10.6 7.4 11.0

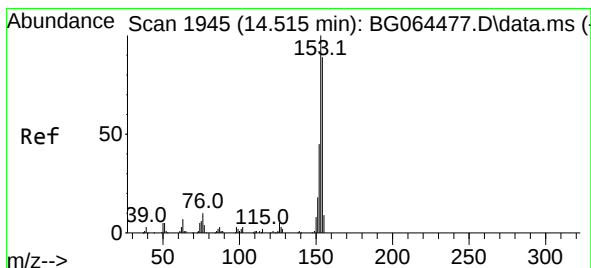
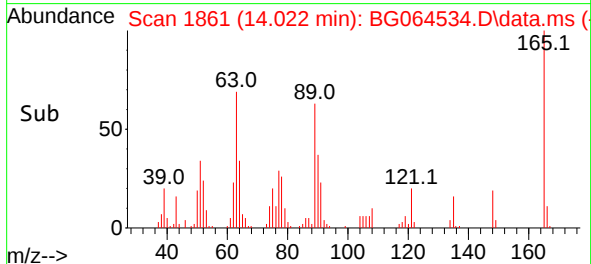
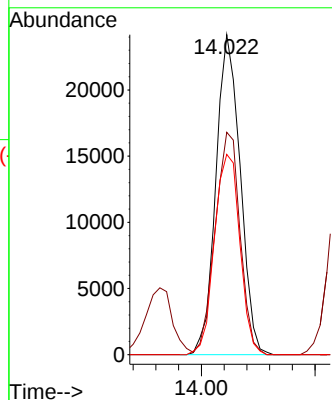
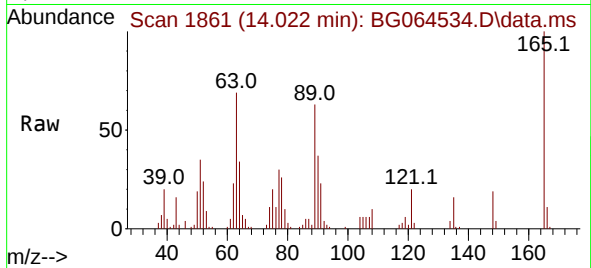




#51
2,6-Dinitrotoluene
Concen: 46.419 ng
RT: 14.022 min Scan# 1861
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

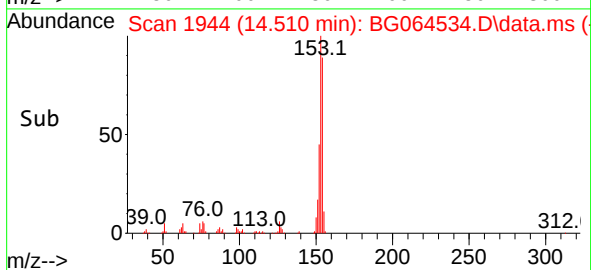
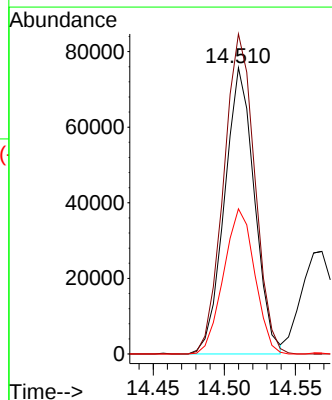
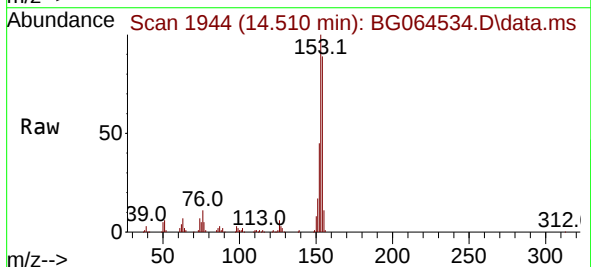
Instrument :
BNA_G
ClientSampleId :
PB170144BS

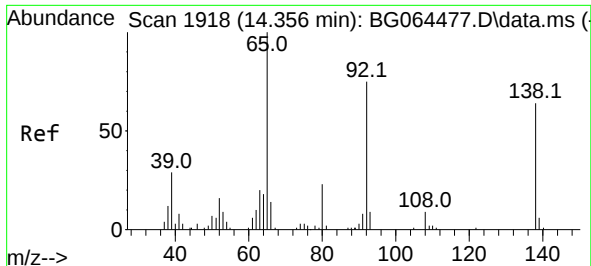
Tgt Ion:165 Resp: 35896
Ion Ratio Lower Upper
165 100
63 69.5 63.9 95.9
89 62.6 56.1 84.1



#52
Acenaphthene
Concen: 42.340 ng
RT: 14.510 min Scan# 1944
Delta R.T. -0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

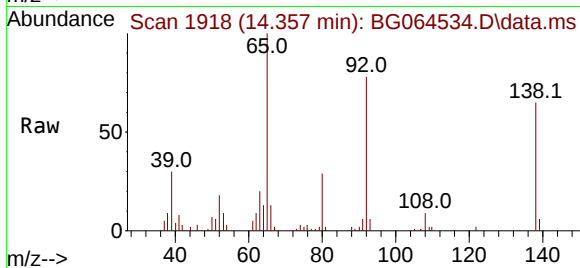
Tgt Ion:154 Resp: 111143
Ion Ratio Lower Upper
154 100
153 111.8 90.2 135.4
152 50.7 40.2 60.4



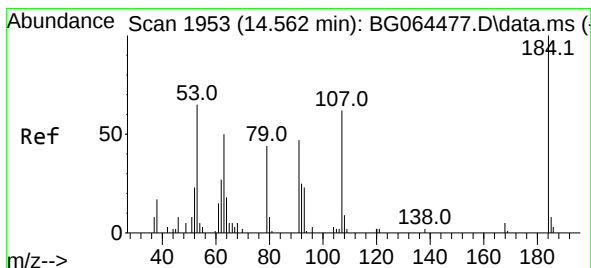
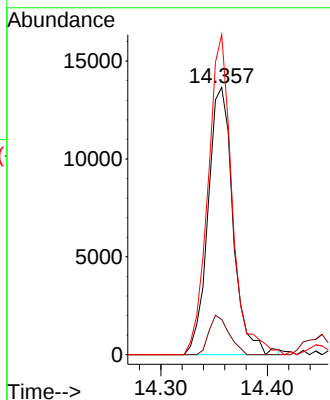
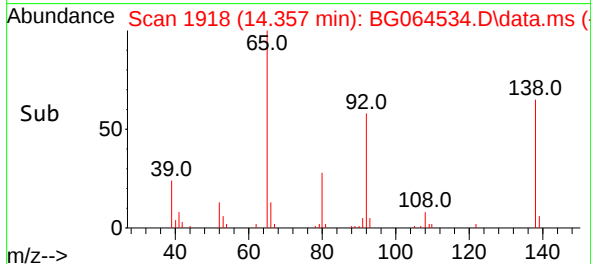


#53
3-Nitroaniline
Concen: 31.154 ng
RT: 14.357 min Scan# 1918
Delta R.T. 0.009 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Instrument :
BNA_G
ClientSampleId :
PB170144BS

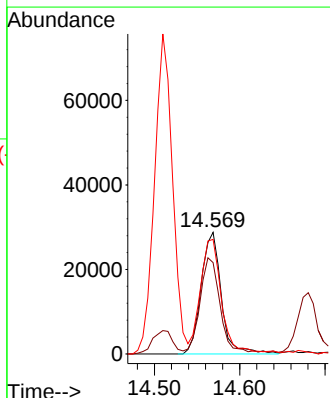
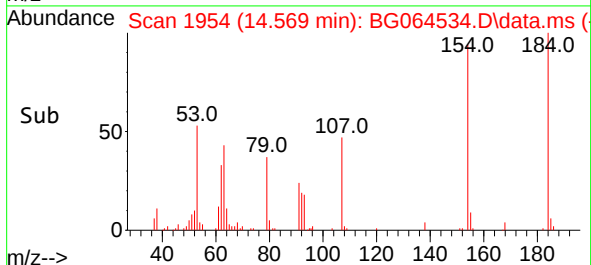
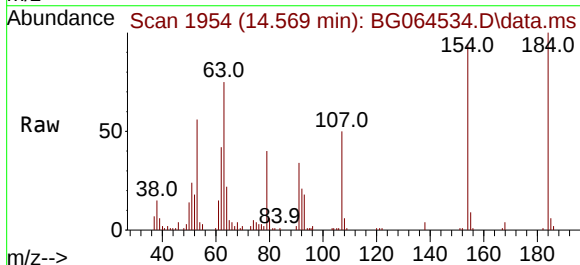


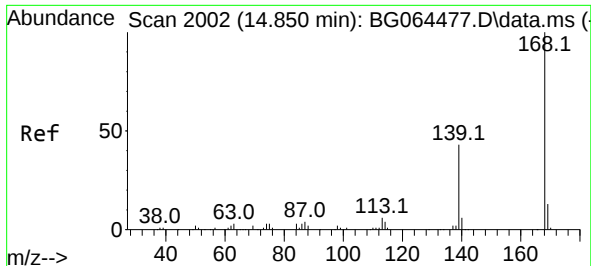
Tgt Ion:138 Resp: 22218
Ion Ratio Lower Upper
138 100
108 13.2 10.6 15.8
92 119.7 93.2 139.8



#54
2,4-Dinitrophenol
Concen: 84.445 ng
RT: 14.569 min Scan# 1954
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion:184 Resp: 47351
Ion Ratio Lower Upper
184 100
63 75.2 69.0 103.4
154 94.2 95.6 143.4#

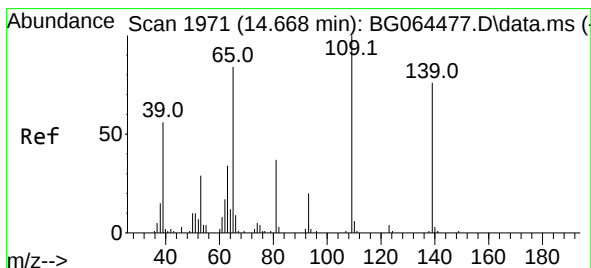
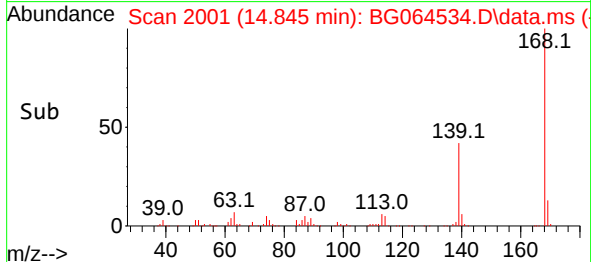
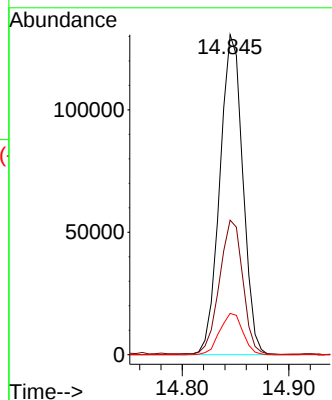
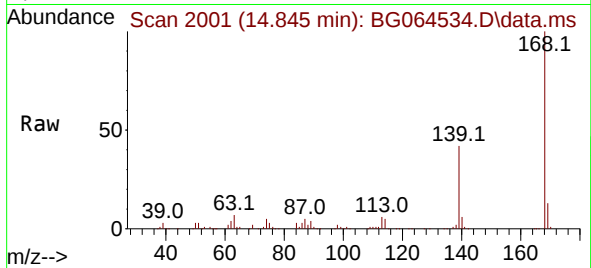




#55
Dibenzenofuran
Concen: 45.118 ng
RT: 14.845 min Scan# 2002
Delta R.T. -0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

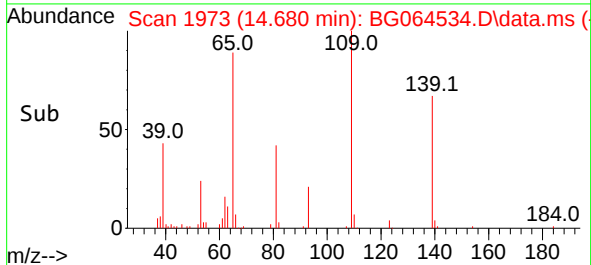
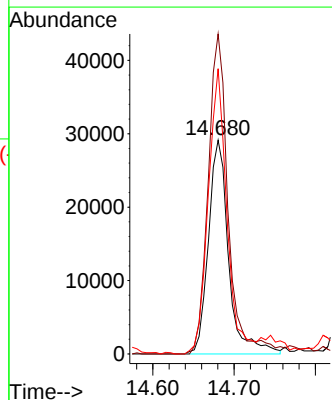
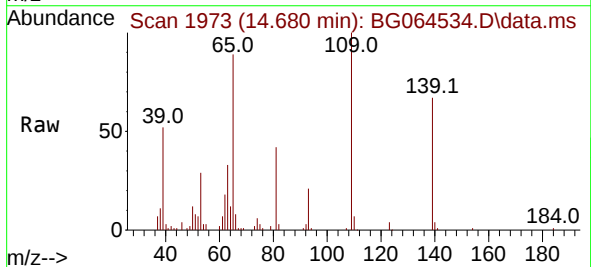
Instrument :
BNA_G
ClientSampleId :
PB170144BS

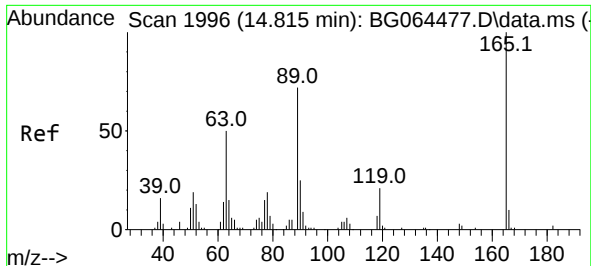
Tgt Ion:168 Resp: 195550
Ion Ratio Lower Upper
168 100
139 42.0 34.0 51.0
169 12.9 10.2 15.2



#56
4-Nitrophenol
Concen: 89.566 ng
RT: 14.680 min Scan# 1973
Delta R.T. 0.015 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion:139 Resp: 50291
Ion Ratio Lower Upper
139 100
109 149.7 111.8 151.8
65 133.4 91.1 131.1#

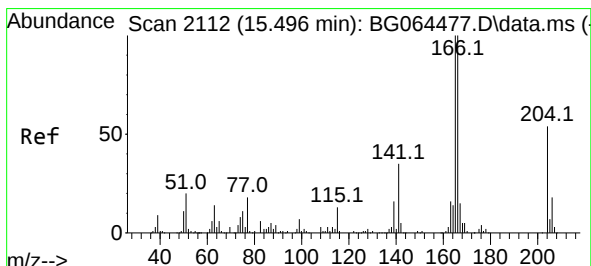
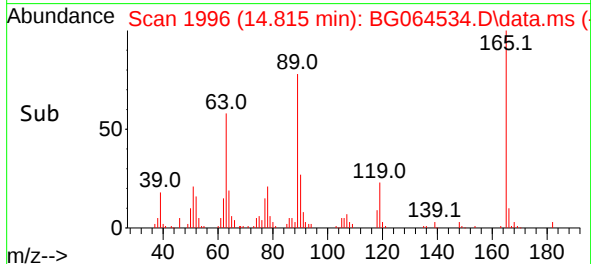
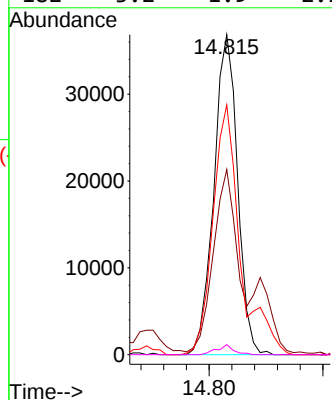
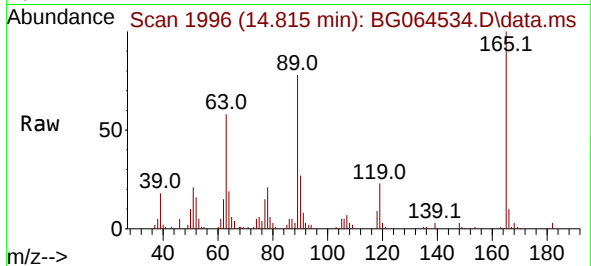




#57
2,4-Dinitrotoluene
Concen: 44.993 ng
RT: 14.815 min Scan# 1996
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

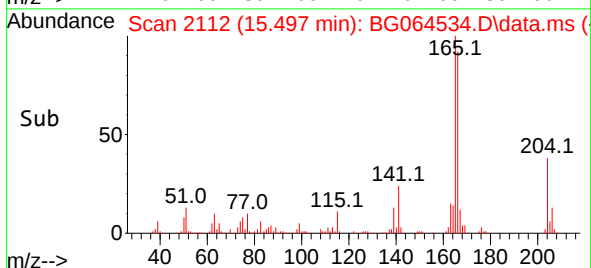
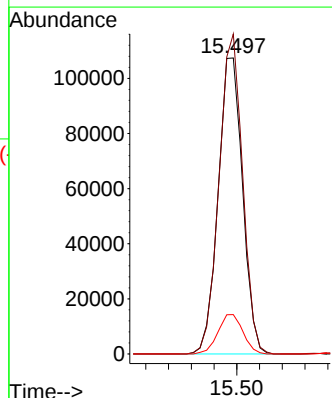
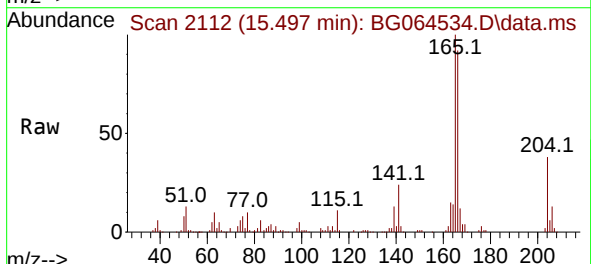
Instrument :
BNA_G
ClientSampleId :
PB170144BS

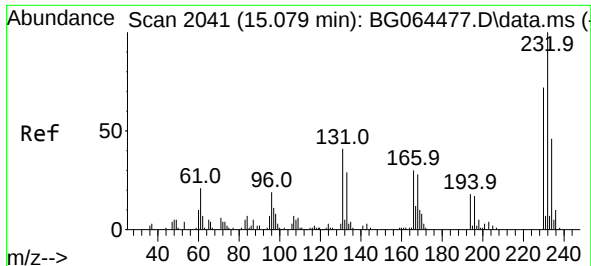
Tgt Ion:165 Resp: 53188
Ion Ratio Lower Upper
165 100
63 57.9 40.4 60.6
89 78.1 57.3 85.9
182 3.2 1.9 2.9#



#58
Fluorene
Concen: 44.551 ng
RT: 15.497 min Scan# 2112
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion:166 Resp: 160529
Ion Ratio Lower Upper
166 100
165 108.1 79.8 119.6
167 13.3 11.7 17.5



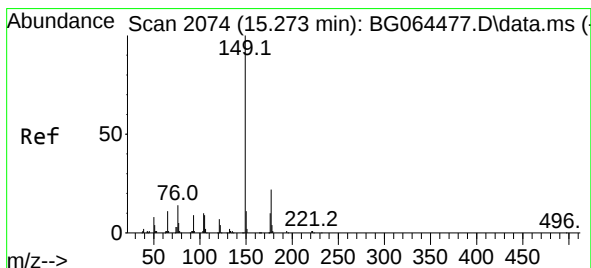
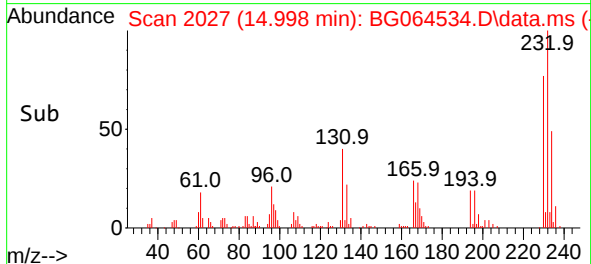
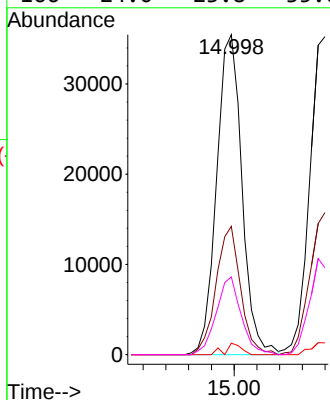
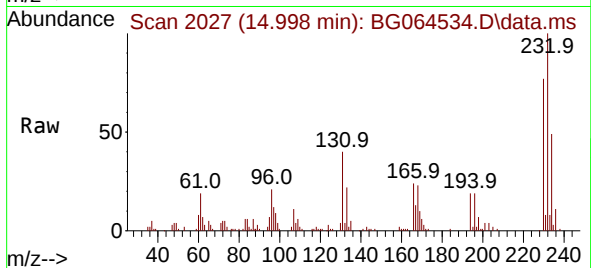


#59
2,3,4,6-Tetrachlorophenol
Concen: 49.248 ng
RT: 14.998 min Scan# 2041
Delta R.T. -0.073 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Instrument :
BNA_G
ClientSampleId :
PB170144BS

Tgt Ion:232 Resp: 54895

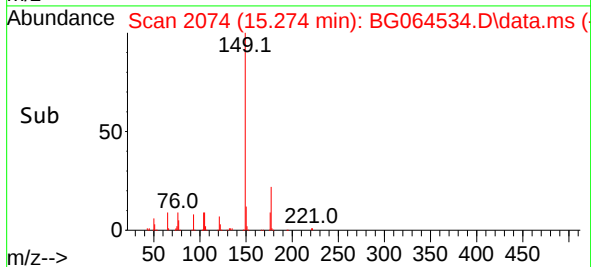
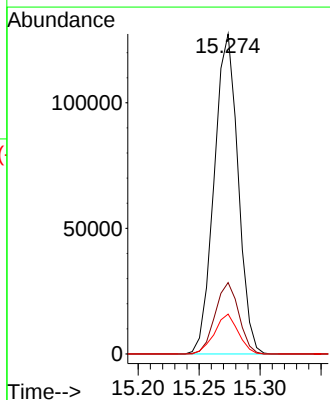
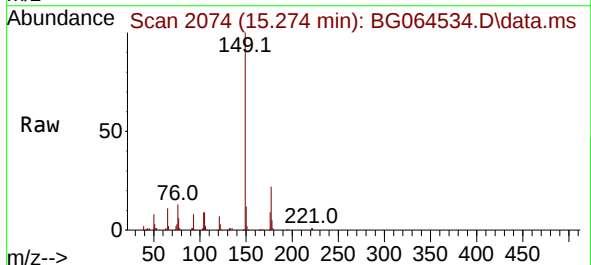
Ion	Ratio	Lower	Upper
232	100		
131	38.9	35.0	52.4
130	2.2	2.0	3.0
166	24.0	23.8	35.6

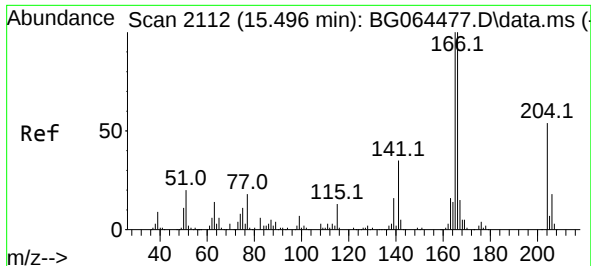


#60
Diethylphthalate
Concen: 43.682 ng
RT: 15.274 min Scan# 2074
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion:149 Resp: 173957

Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.4	26.0
150	12.4	9.1	13.7

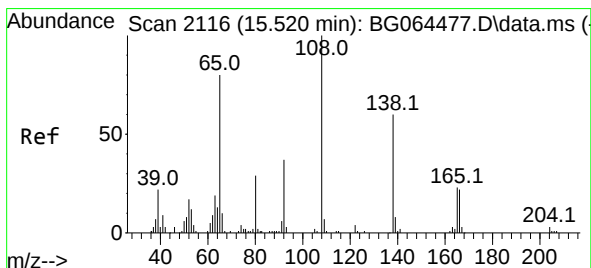
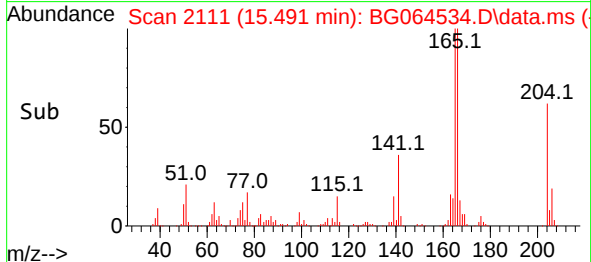
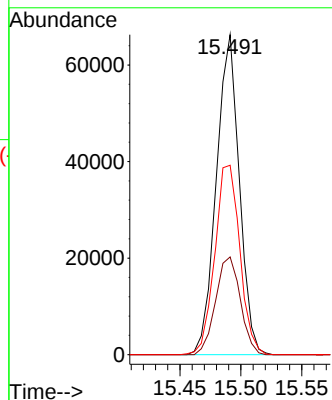
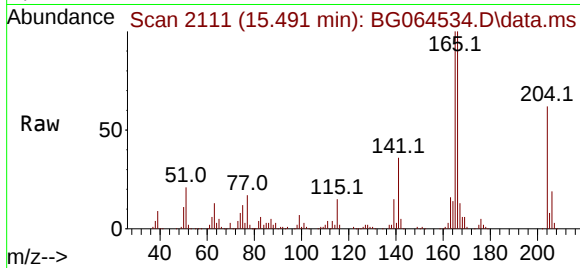




#61
4-Chlorophenyl-phenylether
Concen: 44.179 ng
RT: 15.491 min Scan# 2111
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

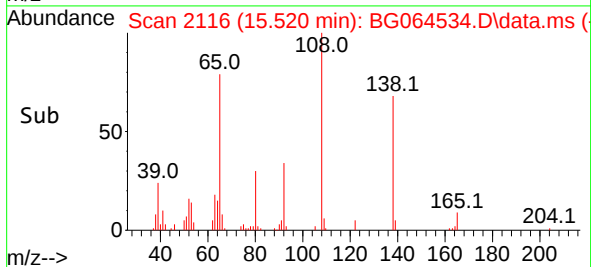
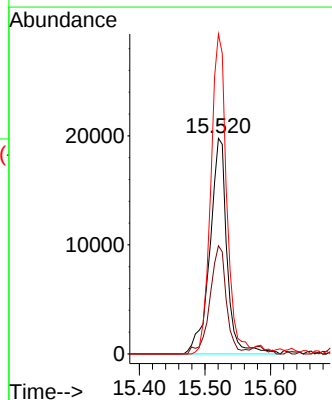
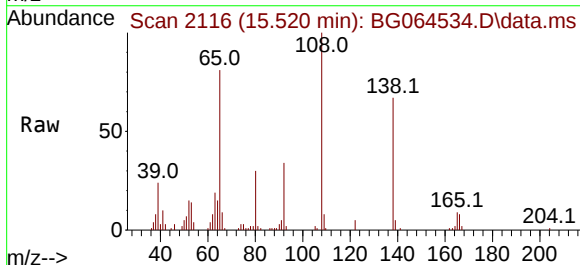
Instrument :
BNA_G
ClientSampleId :
PB170144BS

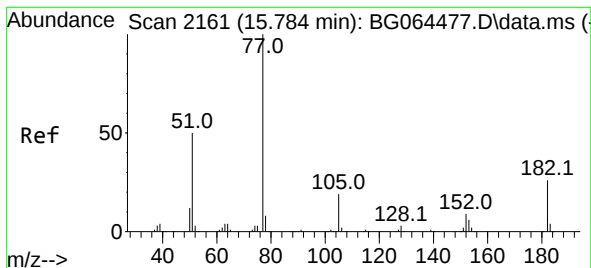
Tgt Ion:204 Resp: 86907
Ion Ratio Lower Upper
204 100
206 30.6 27.1 40.7
141 59.2 51.5 77.3



#62
4-Nitroaniline
Concen: 48.352 ng
RT: 15.520 min Scan# 2116
Delta R.T. 0.009 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion:138 Resp: 35941
Ion Ratio Lower Upper
138 100
92 50.1 42.3 82.3
108 148.3 147.7 187.7





#63

Azobenzene

Concen: 44.717 ng

RT: 15.785 min Scan# 2161

Delta R.T. 0.003 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB170144BS

Tgt Ion: 77 Resp: 137914

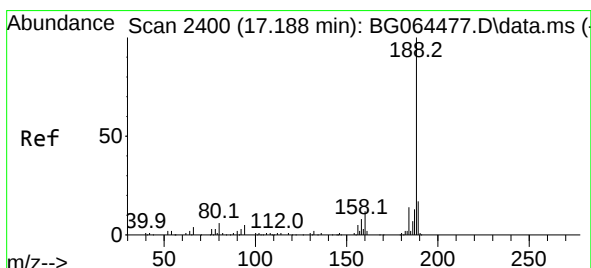
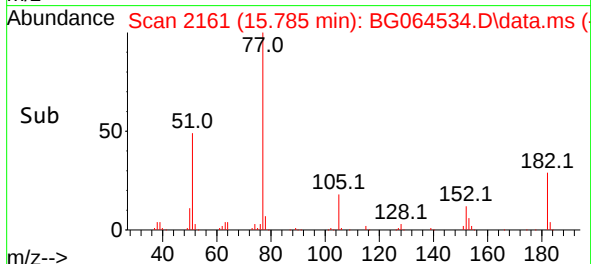
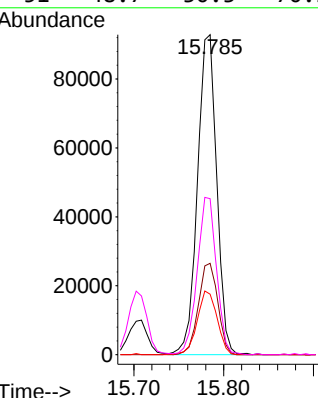
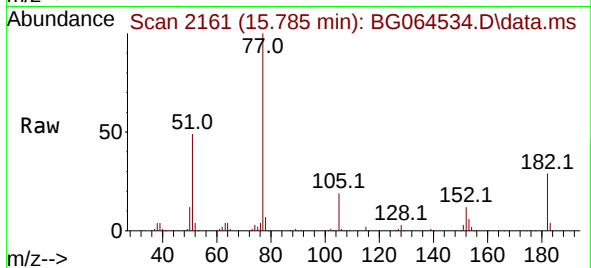
Ion Ratio Lower Upper

77 100

182 28.6 6.3 46.3

105 18.9 0.0 38.7

51 48.7 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: BG064534.D

Acq: 17 Oct 2025 13:43

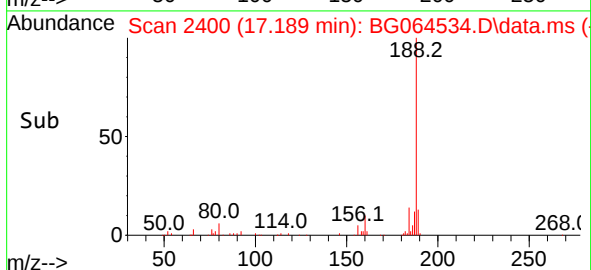
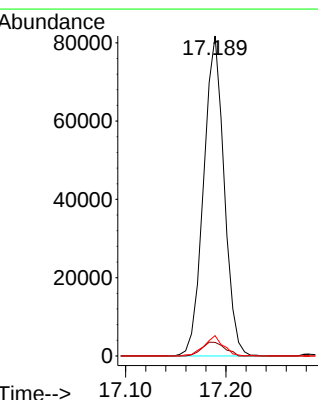
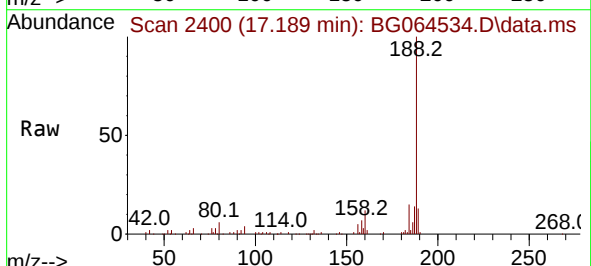
Tgt Ion:188 Resp: 115978

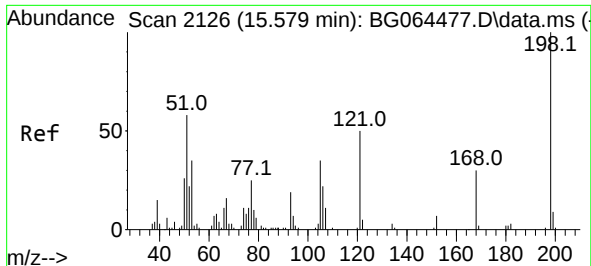
Ion Ratio Lower Upper

188 100

94 4.2 3.7 5.5

80 6.4 4.5 6.7

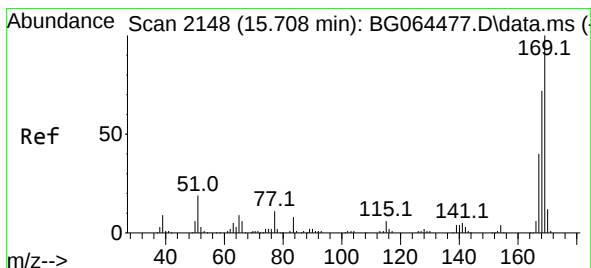
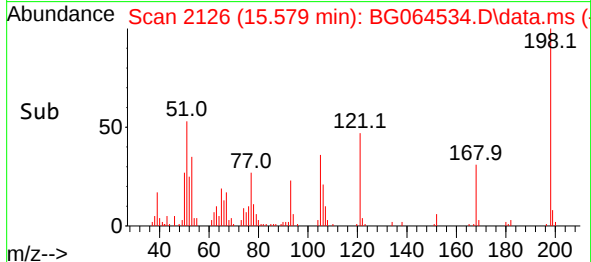
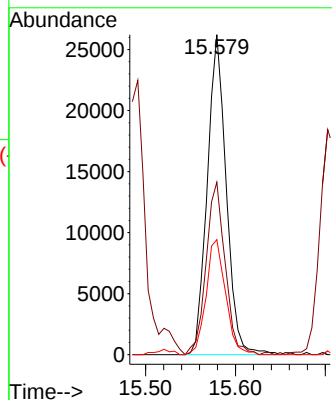
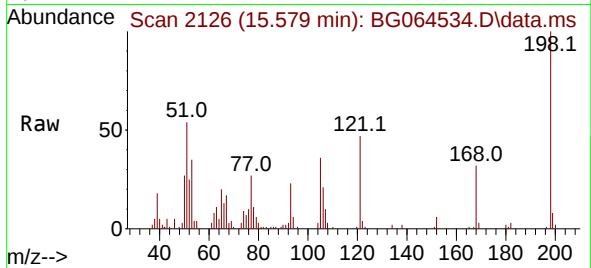




#65
4,6-Dinitro-2-methylphenol
Concen: 47.703 ng
RT: 15.579 min Scan# 2126
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

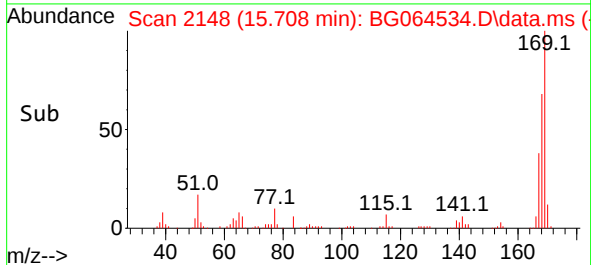
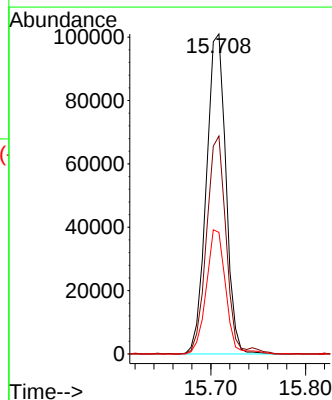
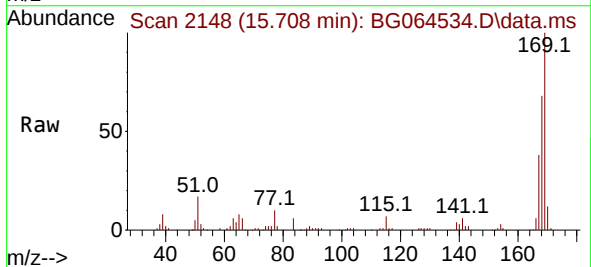
Instrument :
BNA_G
ClientSampleId :
PB170144BS

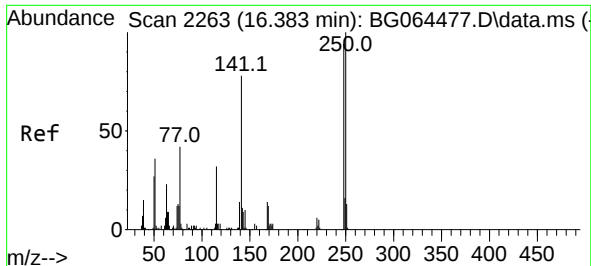
Tgt Ion:198 Resp: 38521
Ion Ratio Lower Upper
198 100
51 53.9 39.0 79.0
105 36.0 15.8 55.8



#66
n-Nitrosodiphenylamine
Concen: 46.746 ng
RT: 15.708 min Scan# 2148
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion:169 Resp: 144777
Ion Ratio Lower Upper
169 100
168 68.1 57.8 86.6
167 38.0 31.7 47.5

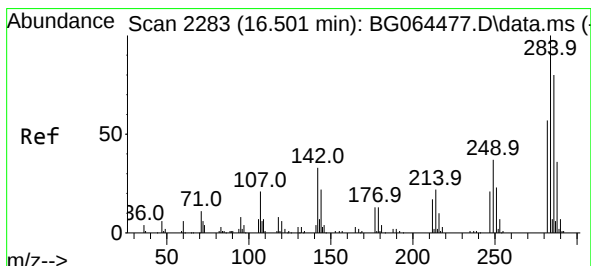
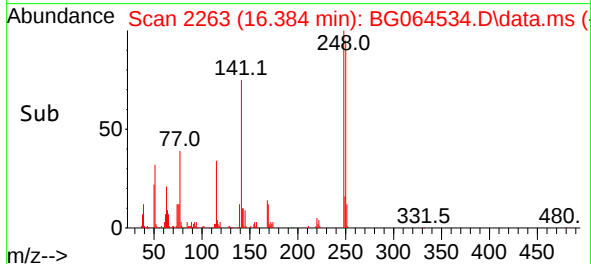
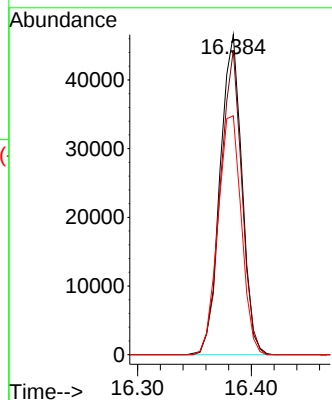
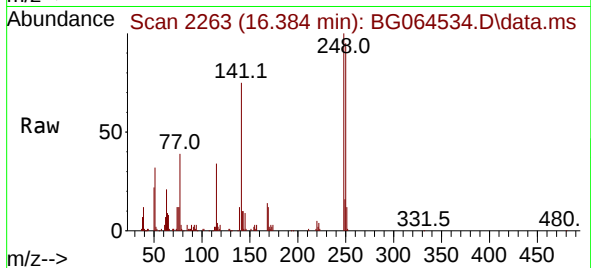




#67
4-Bromophenyl-phenylether
Concen: 45.504 ng
RT: 16.384 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

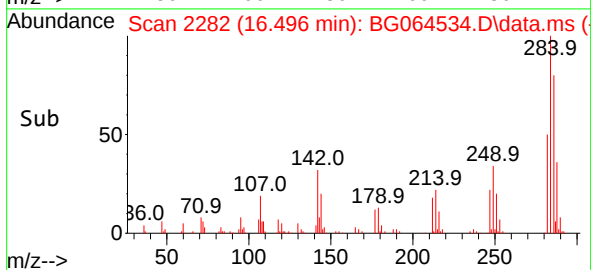
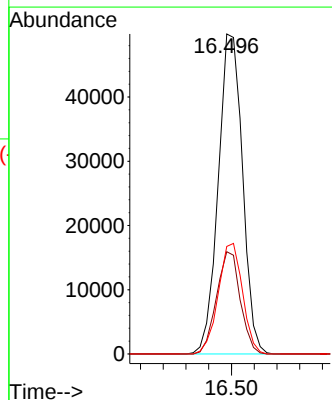
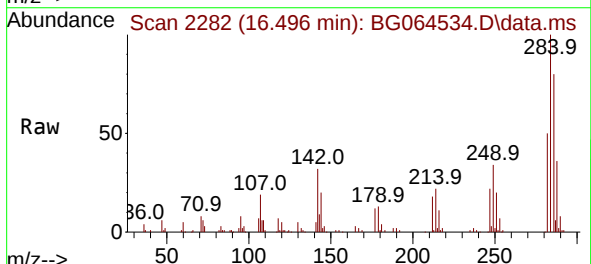
Instrument :
BNA_G
ClientSampleId :
PB170144BS

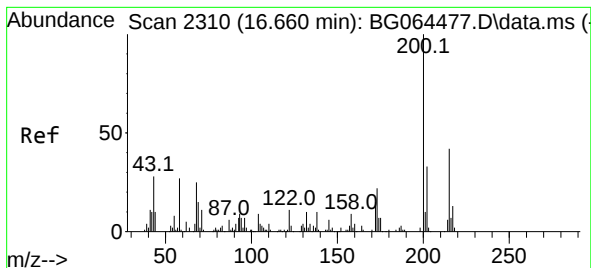
Tgt Ion:248 Resp: 62103
Ion Ratio Lower Upper
248 100
250 95.2 85.3 127.9
141 74.7 66.2 99.2



#68
Hexachlorobenzene
Concen: 47.242 ng
RT: 16.496 min Scan# 2282
Delta R.T. -0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion:284 Resp: 73779
Ion Ratio Lower Upper
284 100
142 32.0 26.2 39.2
249 33.6 29.4 44.0





#69

Atrazine

Concen: 47.860 ng

RT: 16.660 min Scan# 2310

Delta R.T. 0.009 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB170144BS

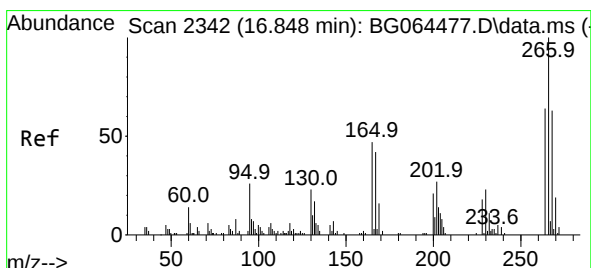
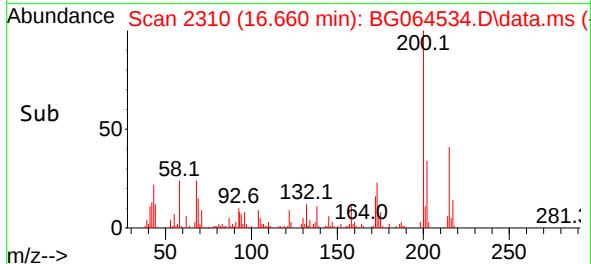
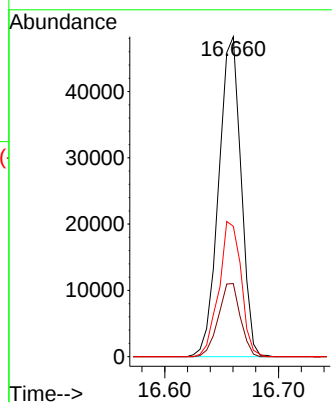
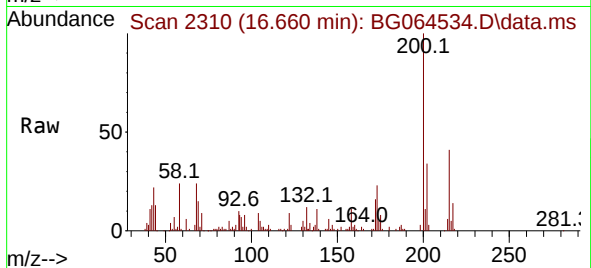
Tgt Ion:200 Resp: 65947

Ion Ratio Lower Upper

200 100

173 22.8 2.5 42.5

215 40.8 21.5 61.5



#70

Pentachlorophenol

Concen: 98.765 ng

RT: 16.848 min Scan# 2342

Delta R.T. 0.003 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

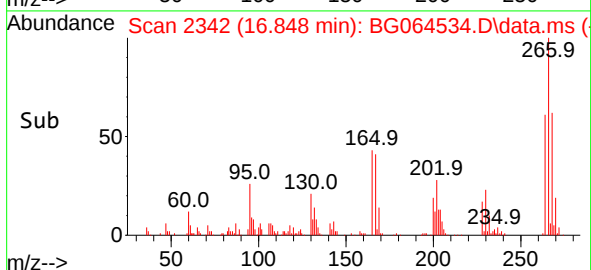
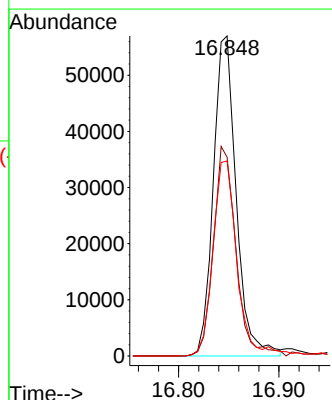
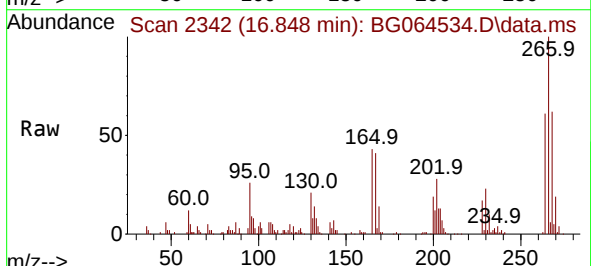
Tgt Ion:266 Resp: 90184

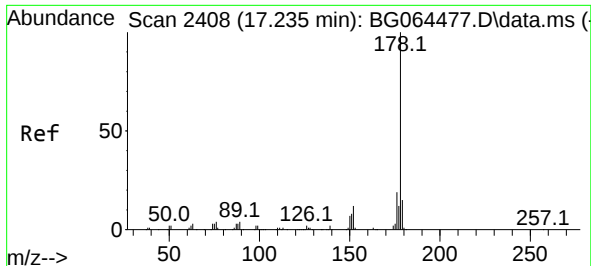
Ion Ratio Lower Upper

266 100

268 62.1 50.6 75.8

264 61.0 51.2 76.8

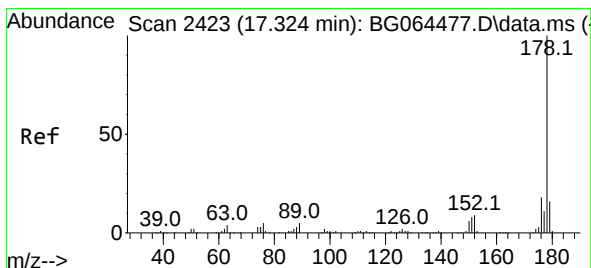
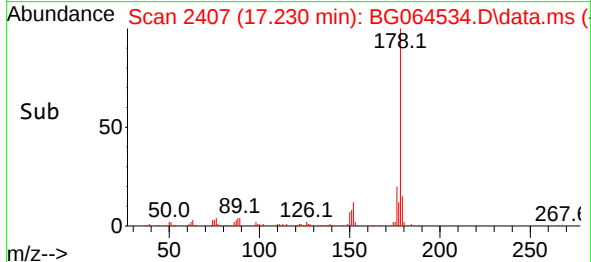
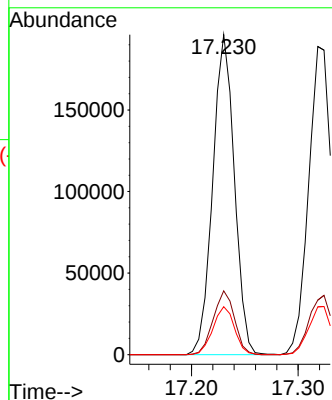
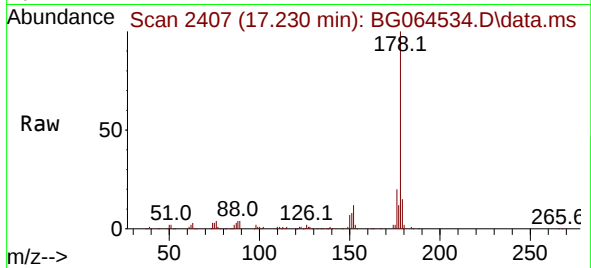




#71
Phenanthrene
Concen: 45.596 ng
RT: 17.230 min Scan# 2408
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

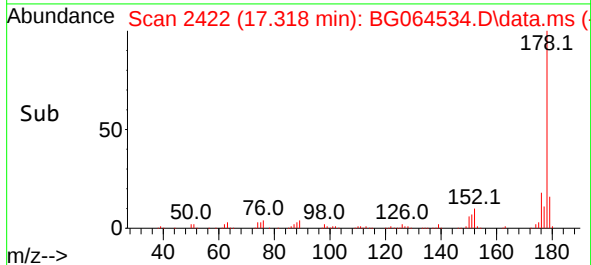
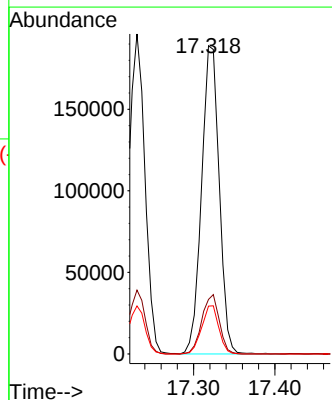
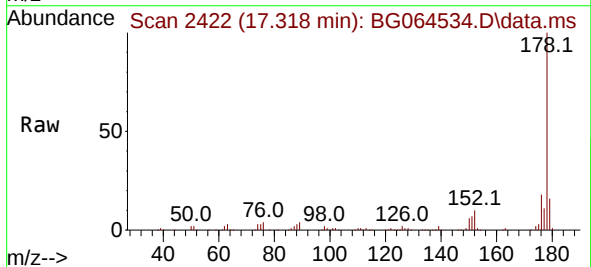
Instrument :
BNA_G
ClientSampleId :
PB170144BS

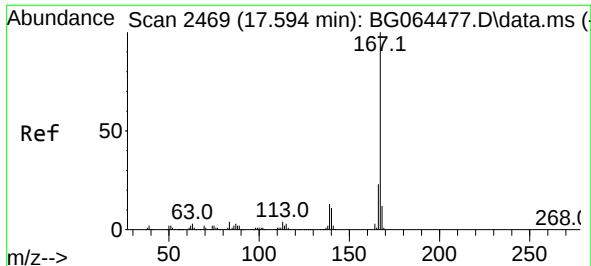
Tgt Ion:178 Resp: 276547
Ion Ratio Lower Upper
178 100
176 20.0 15.2 22.8
179 15.0 11.8 17.6



#72
Anthracene
Concen: 46.852 ng
RT: 17.318 min Scan# 2422
Delta R.T. -0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion:178 Resp: 285078
Ion Ratio Lower Upper
178 100
176 17.7 14.6 21.8
179 15.5 12.5 18.7



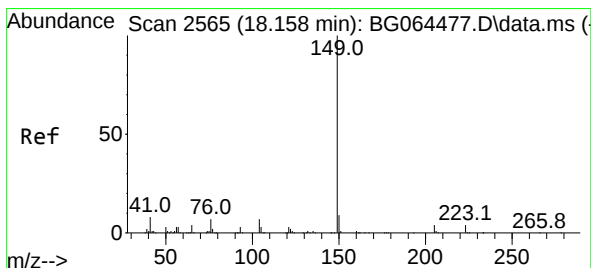
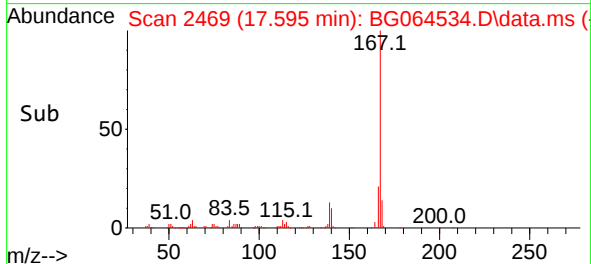
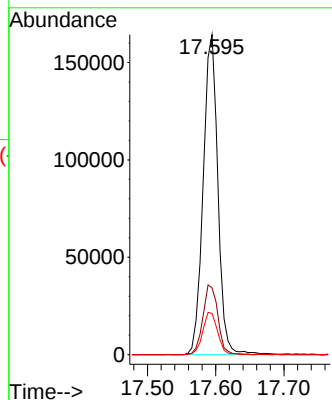
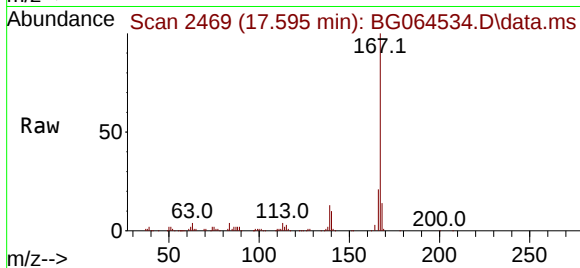


#73
 Carbazole
 Concen: 46.815 ng
 RT: 17.595 min Scan# 2469
 Delta R.T. 0.003 min
 Lab File: BG064534.D
 Acq: 17 Oct 2025 13:43

Instrument :
 BNA_G
 ClientSampleId :
 PB170144BS

Tgt Ion:167 Resp: 246218

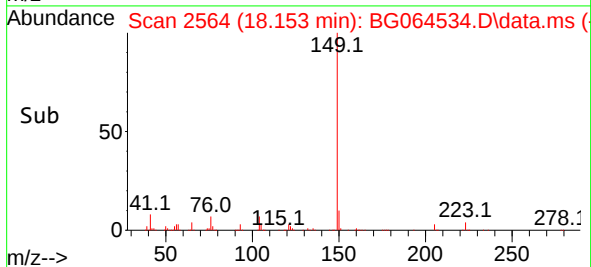
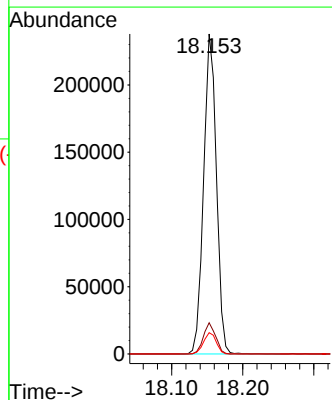
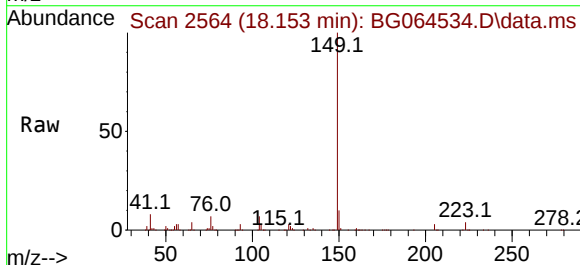
Ion	Ratio	Lower	Upper
167	100		
166	20.9	18.6	27.8
139	12.9	10.2	15.4

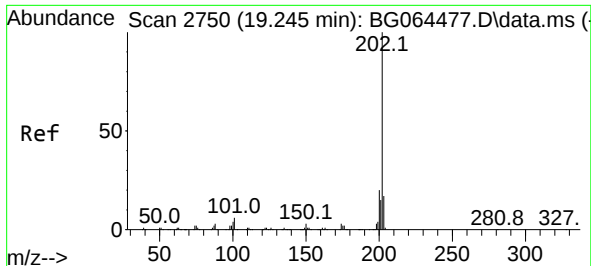


#74
 Di-n-butylphthalate
 Concen: 46.409 ng
 RT: 18.153 min Scan# 2564
 Delta R.T. -0.003 min
 Lab File: BG064534.D
 Acq: 17 Oct 2025 13:43

Tgt Ion:149 Resp: 297960

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.4	11.2
104	6.6	5.3	7.9

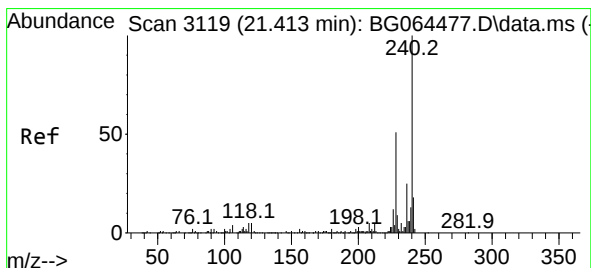
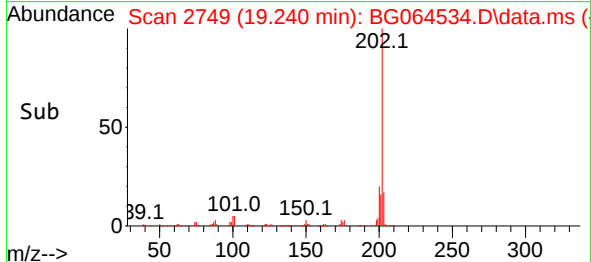
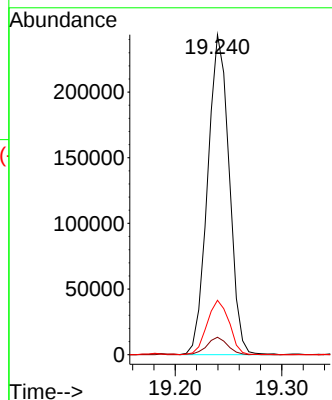
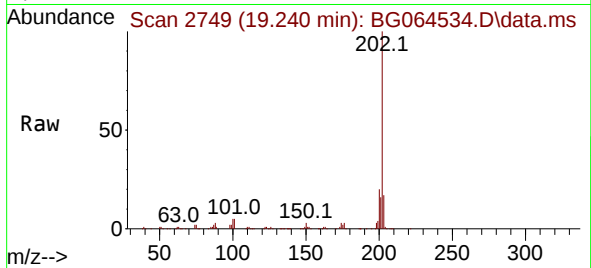




#75
Fluoranthene
Concen: 47.214 ng
RT: 19.240 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

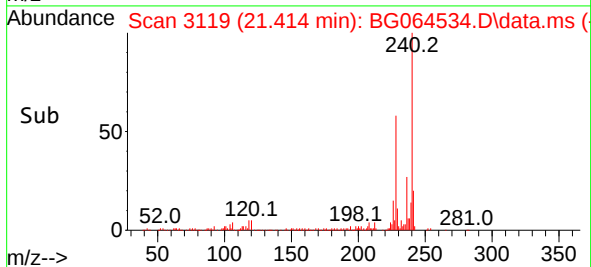
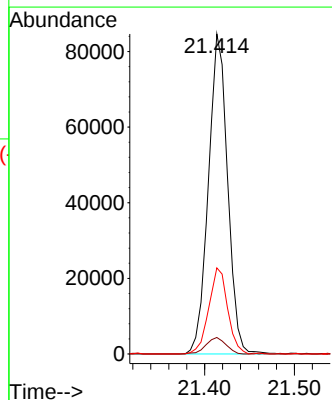
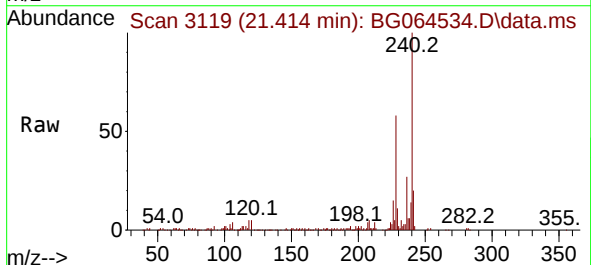
Instrument :
BNA_G
ClientSampleId :
PB170144BS

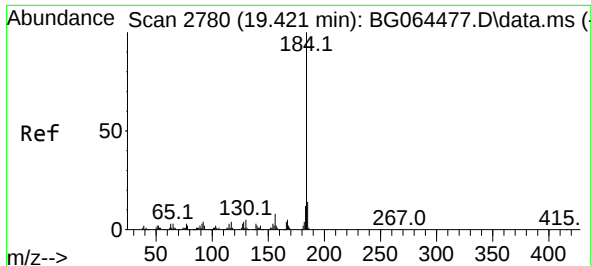
Tgt Ion:202 Resp: 342100
Ion Ratio Lower Upper
202 100
101 5.4 0.0 25.7
203 17.0 0.0 36.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.414 min Scan# 3119
Delta R.T. 0.004 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion:240 Resp: 125702
Ion Ratio Lower Upper
240 100
120 5.1 4.3 6.5
236 26.9 20.4 30.6

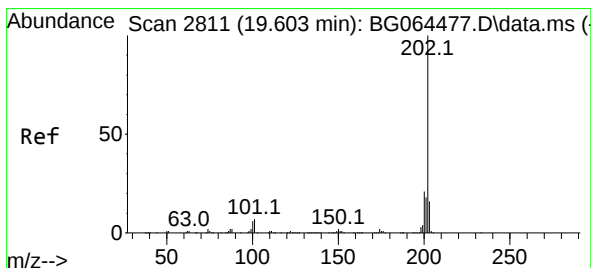
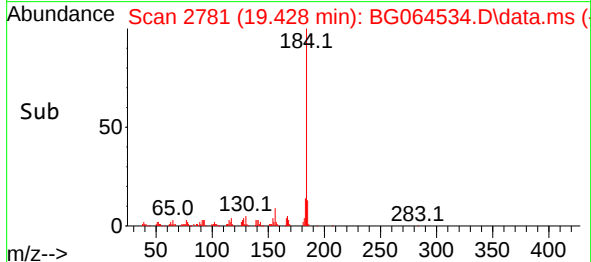
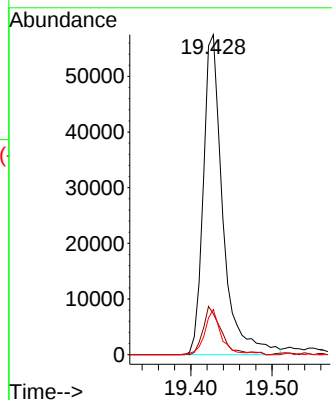
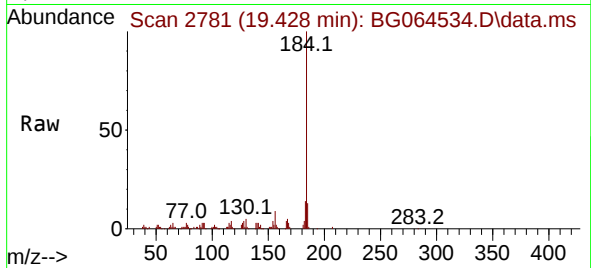




#77
Benzidine
Concen: 30.622 ng
RT: 19.428 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

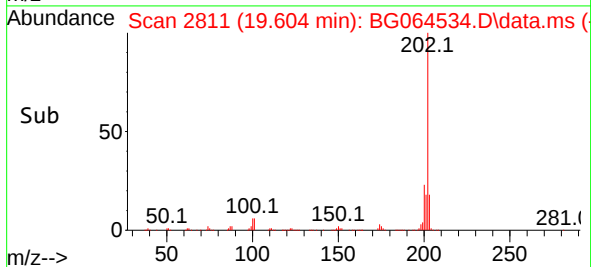
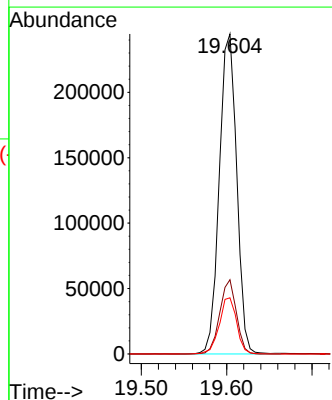
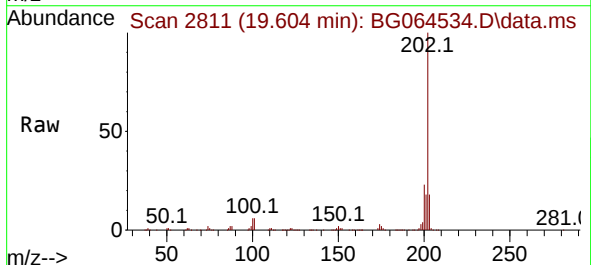
Instrument :
BNA_G
ClientSampleId :
PB170144BS

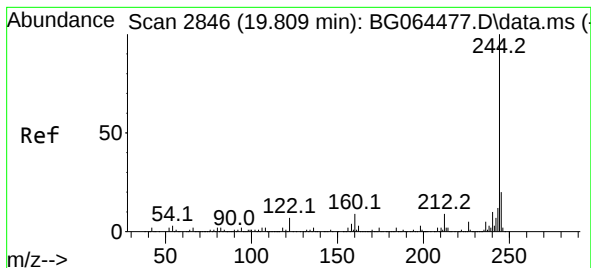
Tgt Ion:184 Resp: 95783
Ion Ratio Lower Upper
184 100
185 12.8 10.9 16.3
183 14.1 9.8 14.6



#78
Pyrene
Concen: 42.572 ng
RT: 19.604 min Scan# 2811
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion:202 Resp: 347286
Ion Ratio Lower Upper
202 100
200 23.2 17.0 25.4
203 17.6 13.0 19.4





#79

Terphenyl-d14

Concen: 85.176 ng

RT: 19.810 min Scan# 2846

Delta R.T. 0.003 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB170144BS

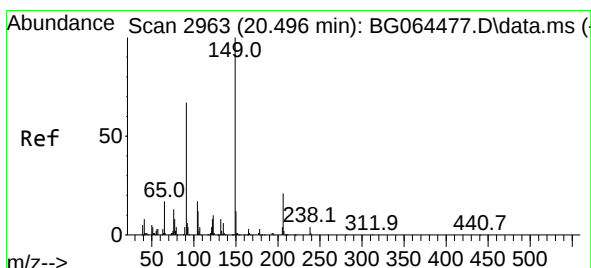
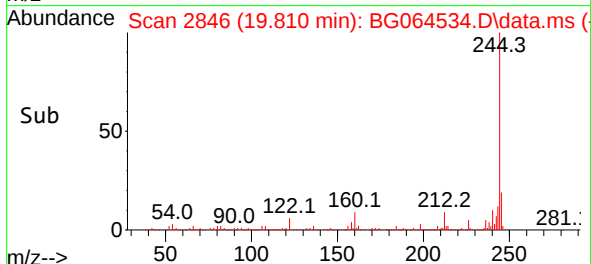
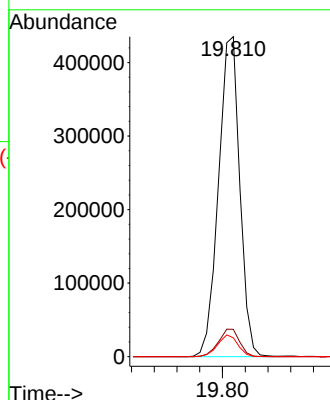
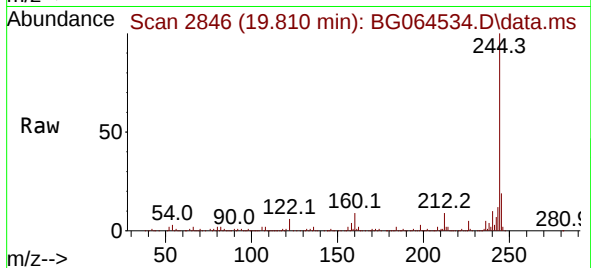
Tgt Ion:244 Resp: 565751

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

122 5.9 5.6 8.4



#80

Butylbenzylphthalate

Concen: 44.661 ng

RT: 20.497 min Scan# 2963

Delta R.T. -0.003 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

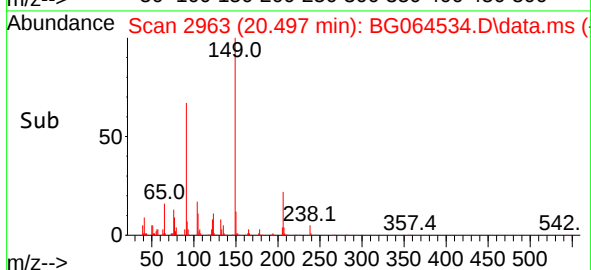
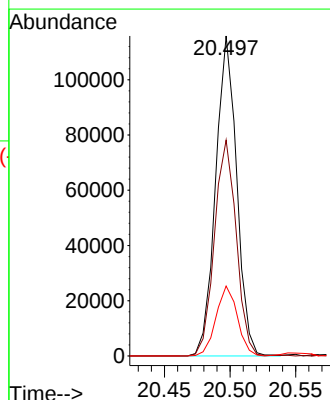
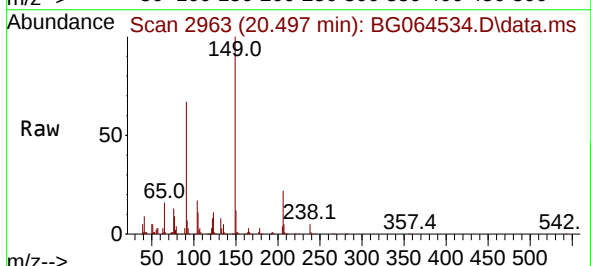
Tgt Ion:149 Resp: 129152

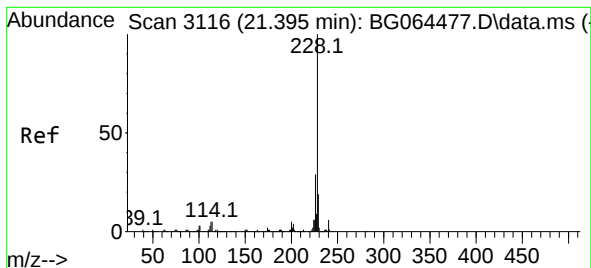
Ion Ratio Lower Upper

149 100

91 67.4 53.7 80.5

206 21.8 16.6 24.8





#81

Benzo(a)anthracene

Concen: 45.221 ng

RT: 21.396 min Scan# 3116

Delta R.T. 0.003 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB170144BS

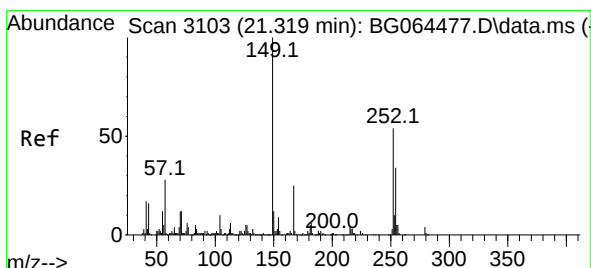
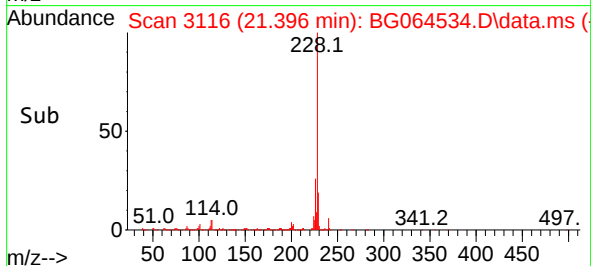
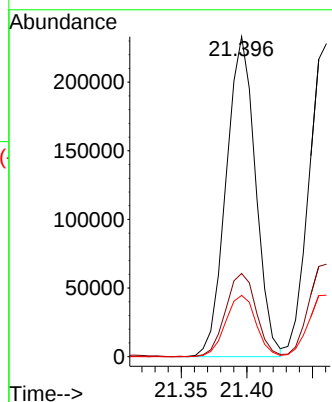
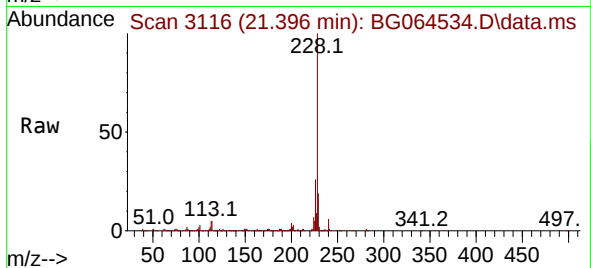
Tgt Ion:228 Resp: 362947

Ion Ratio Lower Upper

228 100

226 26.0 22.8 34.2

229 19.2 15.2 22.8



#82

3,3'-Dichlorobenzidine

Concen: 31.093 ng

RT: 21.320 min Scan# 3103

Delta R.T. 0.003 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

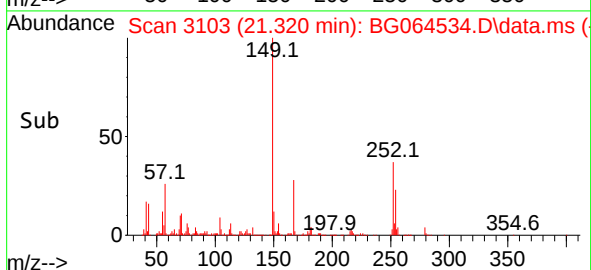
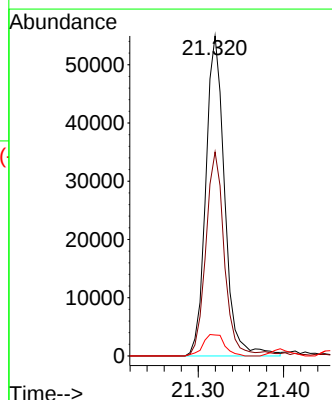
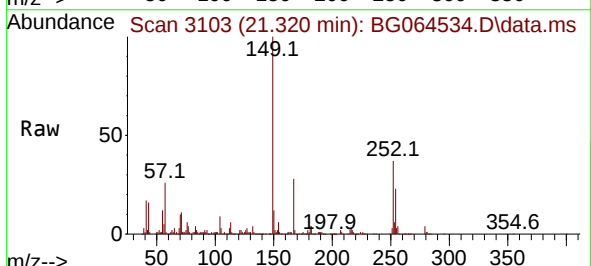
Tgt Ion:252 Resp: 84466

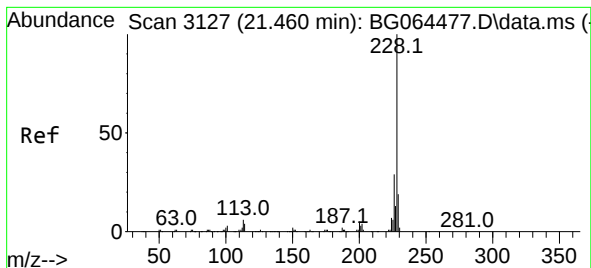
Ion Ratio Lower Upper

252 100

254 63.7 50.5 75.7

126 6.6 7.1 10.7#





#83

Chrysene

Concen: 44.965 ng

RT: 21.461 min Scan# 3127

Delta R.T. 0.009 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB170144BS

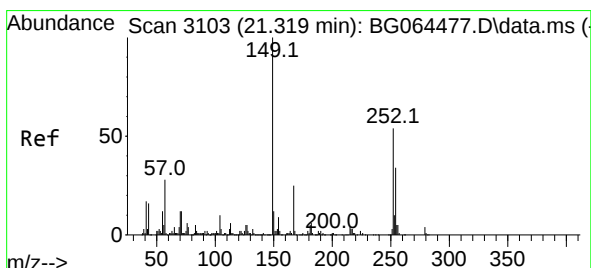
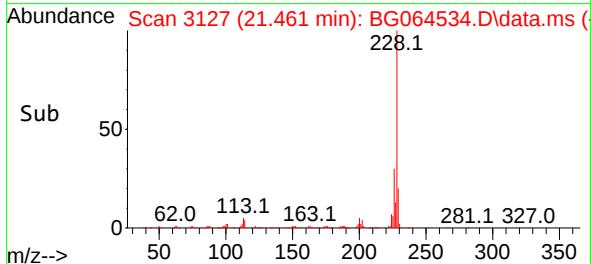
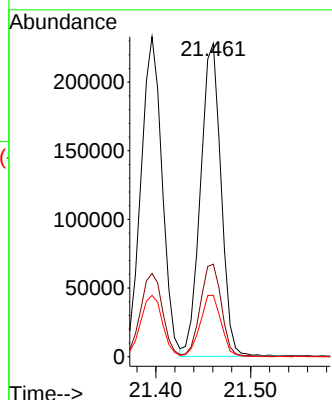
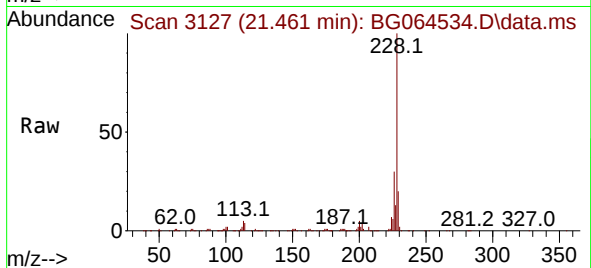
Tgt Ion:228 Resp: 342262

Ion Ratio Lower Upper

228 100

226 29.6 22.8 34.2

229 19.6 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.057 ng

RT: 21.320 min Scan# 3103

Delta R.T. 0.003 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

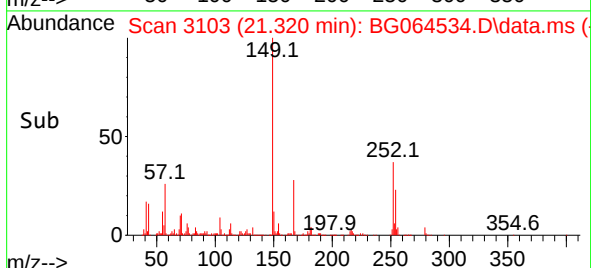
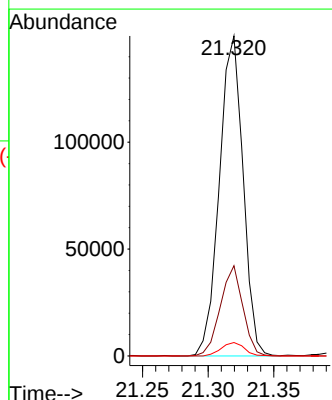
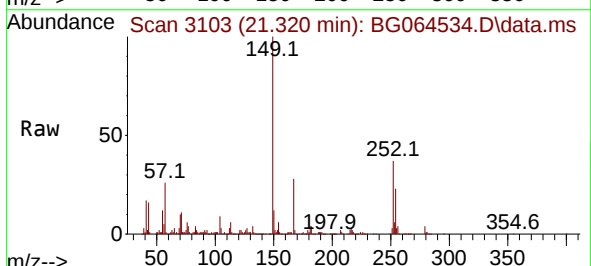
Tgt Ion:149 Resp: 187922

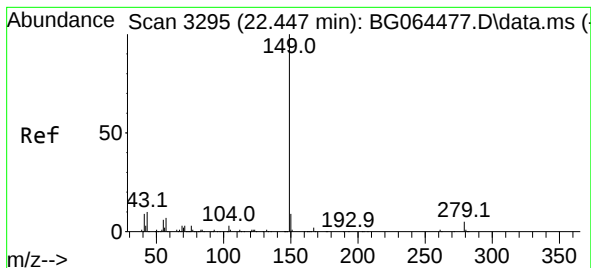
Ion Ratio Lower Upper

149 100

167 28.2 19.7 29.5

279 4.2 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 46.441 ng

RT: 22.442 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB170144BS

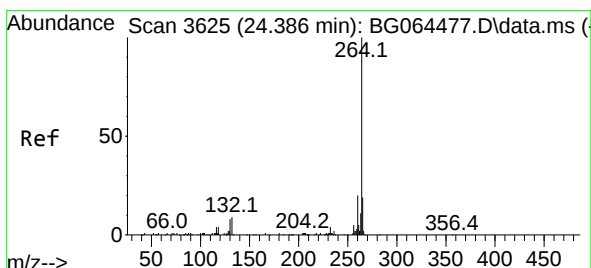
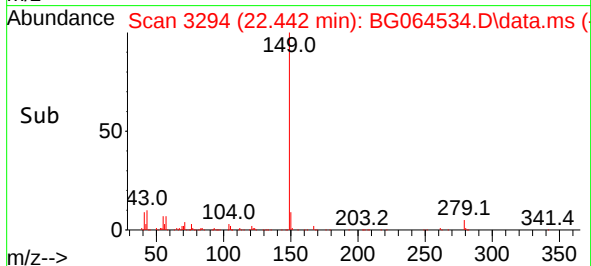
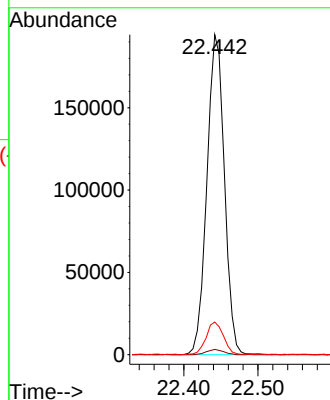
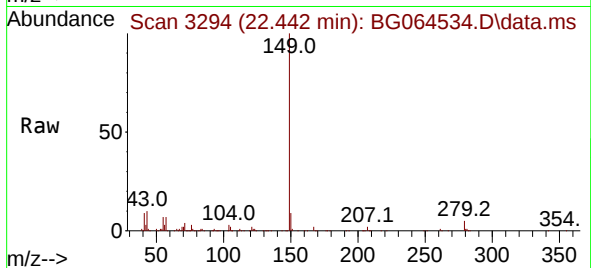
Tgt Ion:149 Resp: 318467

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 10.2 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.392 min Scan# 3626

Delta R.T. 0.003 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

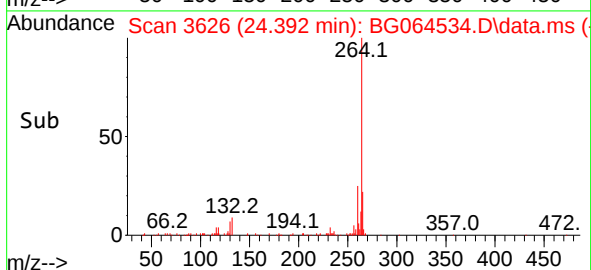
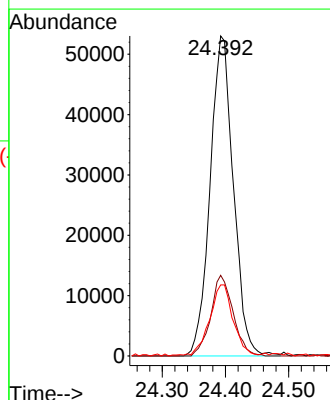
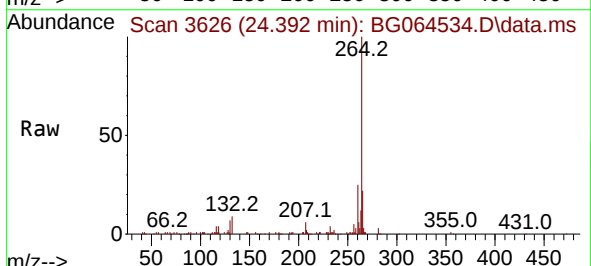
Tgt Ion:264 Resp: 135853

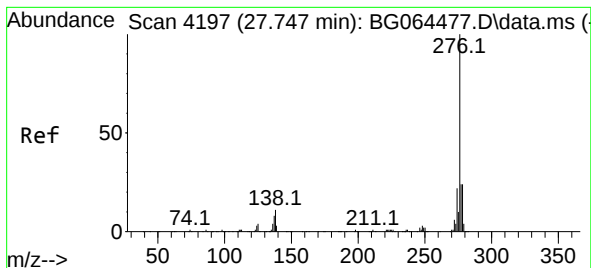
Ion Ratio Lower Upper

264 100

260 25.2 16.2 24.4#

265 22.2 15.0 22.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.081 ng

RT: 27.759 min Scan# 41

Delta R.T. 0.027 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB170144BS

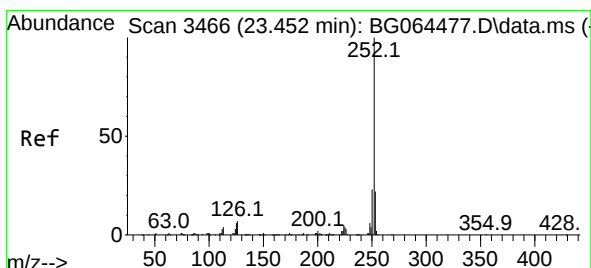
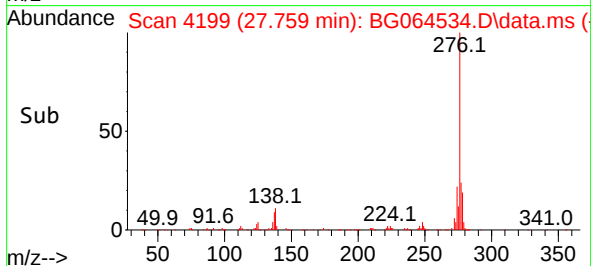
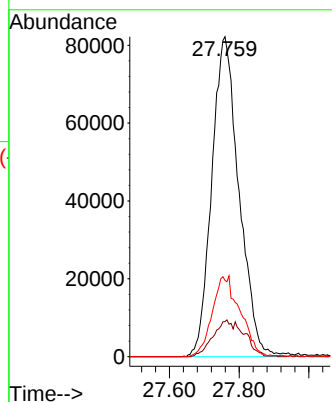
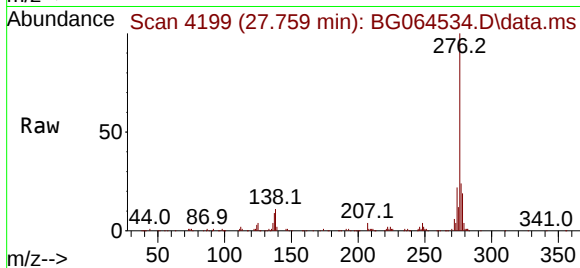
Tgt Ion:276 Resp: 445204

Ion Ratio Lower Upper

276 100

138 8.1 10.8 16.2#

277 25.9 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 47.209 ng

RT: 23.458 min Scan# 3467

Delta R.T. 0.009 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

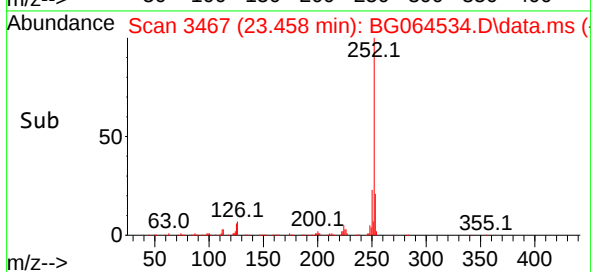
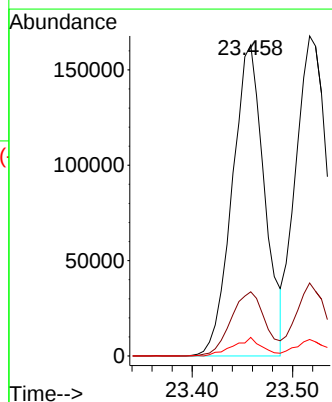
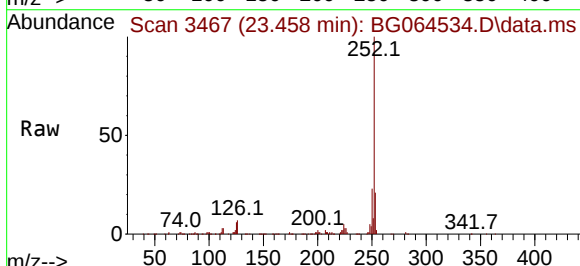
Tgt Ion:252 Resp: 364867

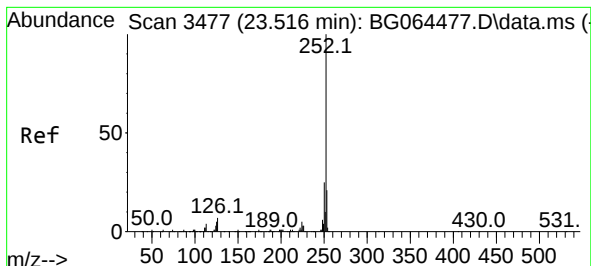
Ion Ratio Lower Upper

252 100

253 20.6 17.5 26.3

125 6.0 4.5 6.7





#89

Benzo(k)fluoranthene

Concen: 47.224 ng

RT: 23.517 min Scan# 34

Delta R.T. 0.009 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB170144BS

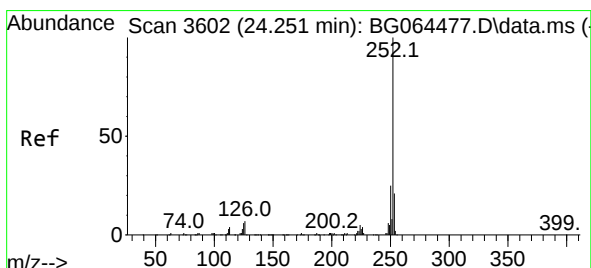
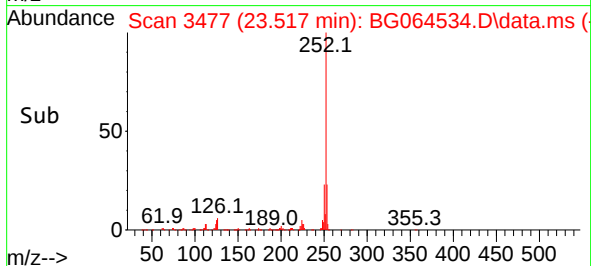
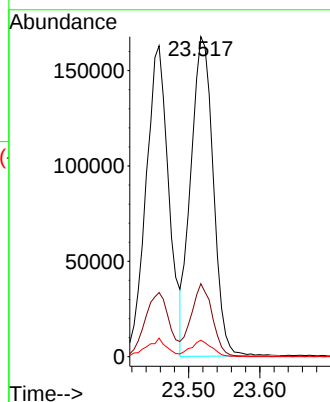
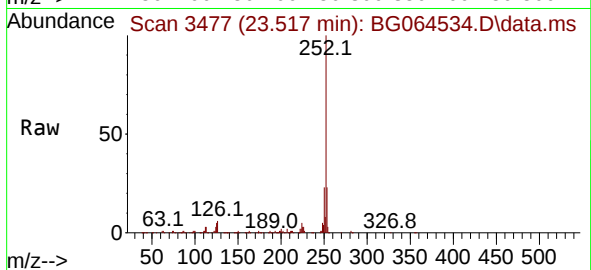
Tgt Ion:252 Resp: 367590

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 5.1 4.0 6.0



#90

Benzo(a)pyrene

Concen: 48.777 ng

RT: 24.263 min Scan# 3604

Delta R.T. 0.015 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

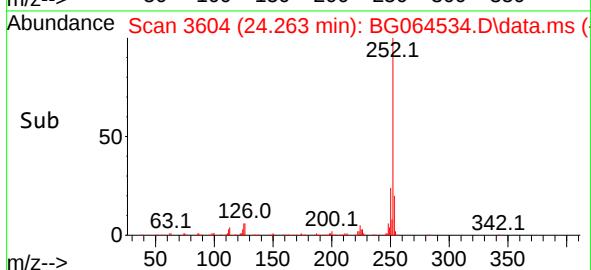
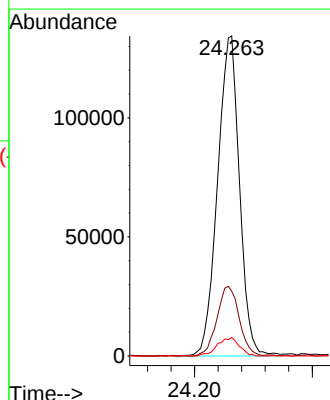
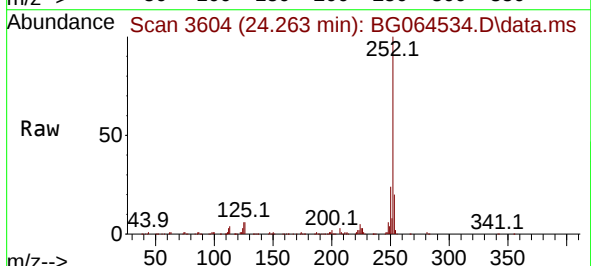
Tgt Ion:252 Resp: 347442

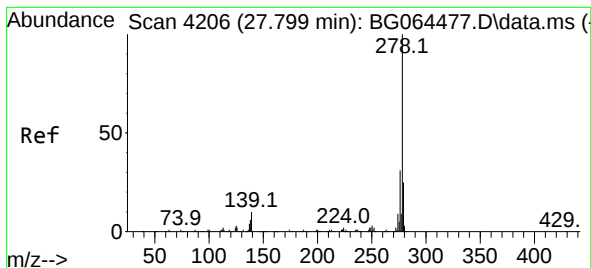
Ion Ratio Lower Upper

252 100

253 20.3 17.1 25.7

125 5.8 4.6 6.8





#91

Dibenzo(a,h)anthracene

Concen: 47.813 ng

RT: 27.806 min Scan# 4378

Delta R.T. 0.027 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB170144BS

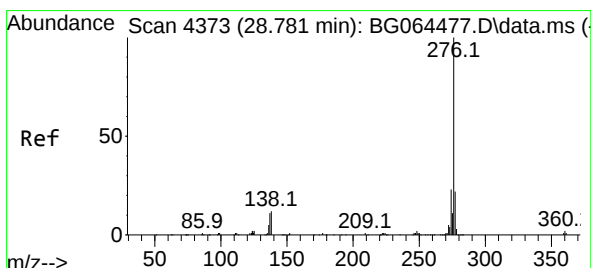
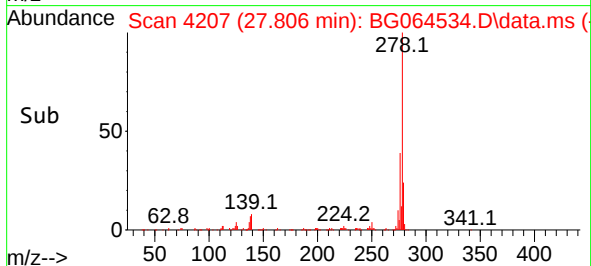
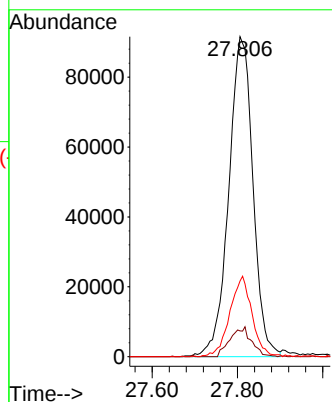
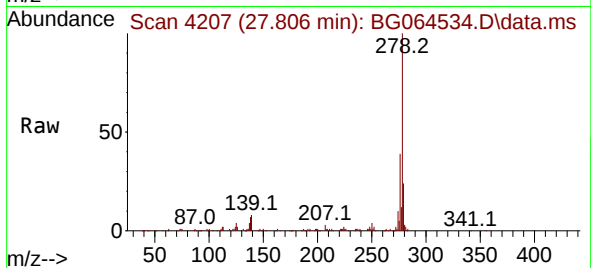
Tgt Ion:278 Resp: 361572

Ion Ratio Lower Upper

278 100

139 8.1 8.2 12.2#

279 23.6 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 48.704 ng

RT: 28.811 min Scan# 4378

Delta R.T. 0.044 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

Tgt Ion:276 Resp: 357922

Ion Ratio Lower Upper

276 100

277 21.0 17.8 26.6

138 10.5 9.4 14.0

