

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121025\
 Data File : BG064919.D
 Acq On : 10 Dec 2025 13:39
 Operator : RC/JU
 Sample : PB170885BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170885BS

Quant Time: Dec 10 14:21:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.153	152	19955	20.000	ng	-0.01
21) Naphthalene-d8	10.973	136	78423	20.000	ng	#-0.01
39) Acenaphthene-d10	14.769	164	72957	20.000	ng	0.00
64) Phenanthrene-d10	17.495	188	198004	20.000	ng	# 0.00
76) Chrysene-d12	21.749	240	245154	20.000	ng	# 0.00
86) Perylene-d12	25.004	264	246169	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	133931	117.200	ng	0.00
7) Phenol-d6	7.307	99	182426	120.024	ng	0.00
23) Nitrobenzene-d5	9.316	82	117446	74.045	ng	-0.01
42) 2,4,6-Tribromophenol	16.249	330	228679	160.715	ng	0.00
45) 2-Fluorobiphenyl	13.400	172	412634	78.918	ng	0.00
79) Terphenyl-d14	20.086	244	1126728	90.408	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.511	88	12676	28.653	ng	95
3) Pyridine	3.923	79	31805	24.128	ng	94
4) n-Nitrosodimethylamine	3.829	42	26474	39.460	ng	84
6) Aniline	7.471	93	54710	27.005	ng	98
8) 2-Chlorophenol	7.718	128	56383	44.935	ng	94
9) Benzaldehyde	7.278	77	20169	20.272	ng	94
10) Phenol	7.330	94	67824	41.013	ng	93
11) bis(2-Chloroethyl)ether	7.560	93	40291	34.238	ng	96
12) 1,3-Dichlorobenzene	8.041	146	56326	39.011	ng	96
13) 1,4-Dichlorobenzene	8.188	146	59711	40.614	ng	96
14) 1,2-Dichlorobenzene	8.511	146	57967	40.663	ng	99
15) Benzyl Alcohol	8.388	79	55350	44.366	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.682	45	88219	31.672	ng	97
17) 2-Methylphenol	8.588	107	51922	44.373	ng	90
18) Hexachloroethane	9.252	117	21228	38.122	ng	# 84
19) n-Nitroso-di-n-propyla...	8.958	70	40108	39.028	ng	99
20) 3+4-Methylphenols	8.923	107	70009	43.674	ng	91
22) Acetophenone	8.976	105	97717	45.735	ng	96
24) Nitrobenzene	9.357	77	63707	39.751	ng	99
25) Isophorone	9.886	82	119909	39.698	ng	97
26) 2-Nitrophenol	10.074	139	35083	48.668	ng	93
27) 2,4-Dimethylphenol	10.127	122	57783	45.120	ng	95
28) bis(2-Chloroethoxy)met...	10.362	93	63046	38.020	ng	95
29) 2,4-Dichlorophenol	10.615	162	69428	50.495	ng	94
30) 1,2,4-Trichlorobenzene	10.832	180	79605	47.947	ng	100
31) Naphthalene	11.026	128	179506	40.378	ng	99
32) Benzoic acid	10.262	122	37175	41.971	ng	95
33) 4-Chloroaniline	11.120	127	43508	24.465	ng	96
34) Hexachlorobutadiene	11.308	225	69899	49.068	ng	100
35) Caprolactam	11.884	113	9730	23.660	ng	# 62
36) 4-Chloro-3-methylphenol	12.231	107	72798	47.569	ng	96
37) 2-Methylnaphthalene	12.618	142	129619	38.962	ng	99
38) 1-Methylnaphthalene	12.836	142	137265	41.537	ng	99
40) 1,2,4,5-Tetrachloroben...	12.983	216	138617	48.821	ng	98
41) Hexachlorocyclopentadiene	12.965	237	157726	77.502	ng	93
43) 2,4,6-Trichlorophenol	13.212	196	79302	47.589	ng	98

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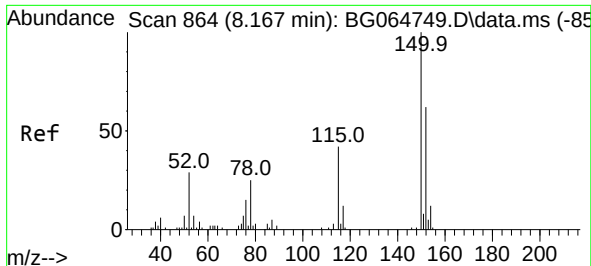
Quant Time: Dec 10 14:21:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.282	196	92052	49.252	ng	98
46) 1,1'-Biphenyl	13.611	154	238759	45.564	ng	97
47) 2-Chloronaphthalene	13.652	162	168432	40.800	ng	98
48) 2-Nitroaniline	13.846	65	54596	41.118	ng	95
49) Acenaphthylene	14.493	152	294629	41.775	ng	100
50) Dimethylphthalate	14.217	163	256718	44.545	ng	99
51) 2,6-Dinitrotoluene	14.328	165	52103	46.983	ng	97
52) Acenaphthene	14.833	154	214822	50.801	ng	98
53) 3-Nitroaniline	14.663	138	35869	32.771	ng	82
54) 2,4-Dinitrophenol	14.863	184	77377	99.514	ng	94
55) Dibenzofuran	15.162	168	302974	43.338	ng	98
56) 4-Nitrophenol	14.963	139	79742	91.826	ng	88
57) 2,4-Dinitrotoluene	15.115	165	81206	48.844	ng	97
58) Fluorene	15.809	166	239699	43.716	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.386	232	101924	55.272	ng	94
60) Diethylphthalate	15.568	149	251914	45.630	ng	99
61) 4-Chlorophenyl-phenyle...	15.797	204	158565	48.187	ng	98
62) 4-Nitroaniline	15.815	138	49555	43.703	ng	89
63) Azobenzene	16.085	77	184013	40.073	ng	93
65) 4,6-Dinitro-2-methylph...	15.873	198	58875	53.554	ng	90
66) n-Nitrosodiphenylamine	16.003	169	224225	43.233	ng	99
67) 4-Bromophenyl-phenylether	16.684	248	125416	48.233	ng	94
68) Hexachlorobenzene	16.813	284	150283	47.704	ng	# 93
69) Atrazine	16.943	200	112419	44.958	ng	97
70) Pentachlorophenol	17.148	266	187476	98.984	ng	99
71) Phenanthrene	17.542	178	454522	41.955	ng	99
72) Anthracene	17.630	178	456659	41.339	ng	99
73) Carbazole	17.895	167	388980	40.961	ng	100
74) Di-n-butylphthalate	18.441	149	439304	41.465	ng	99
75) Fluoranthene	19.534	202	614094	41.453	ng	98
77) Benzidine	19.704	184	83199	11.332	ng	99
78) Pyrene	19.898	202	627453	45.667	ng	99
80) Butylbenzylphthalate	20.762	149	191327	39.589	ng	93
81) Benzo(a)anthracene	21.731	228	703982	42.232	ng	100
82) 3,3'-Dichlorobenzidine	21.637	252	192667	31.402	ng	99
83) Chrysene	21.796	228	649066	41.301	ng	99
84) Bis(2-ethylhexyl)phtha...	21.625	149	265963	37.661	ng	97
85) Di-n-octyl phthalate	22.848	149	448902	36.774	ng	98
87) Indeno(1,2,3-cd)pyrene	28.747	276	870385	51.463	ng	# 98
88) Benzo(b)fluoranthene	23.970	252	706208	45.080	ng	# 99
89) Benzo(k)fluoranthene	24.046	252	734333	46.658	ng	# 97
90) Benzo(a)pyrene	24.857	252	675238	46.465	ng	# 98
91) Dibenzo(a,h)anthracene	28.794	278	734038	52.979	ng	# 97
92) Benzo(g,h,i)perylene	29.910	276	697531	52.311	ng	# 97

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

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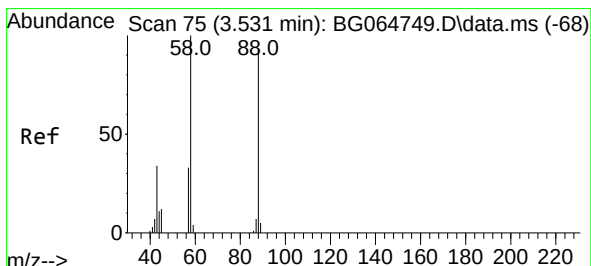
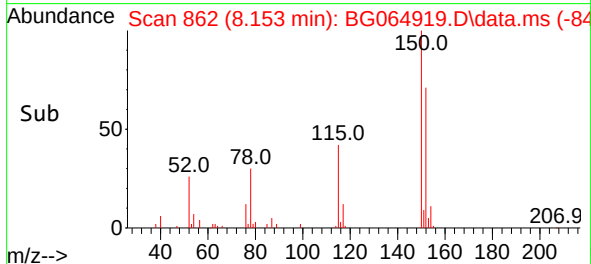
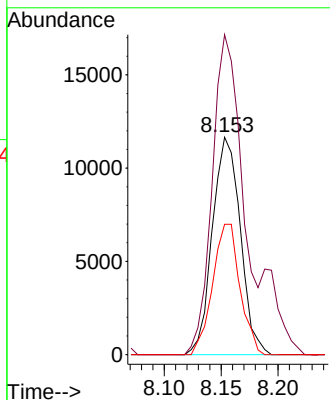
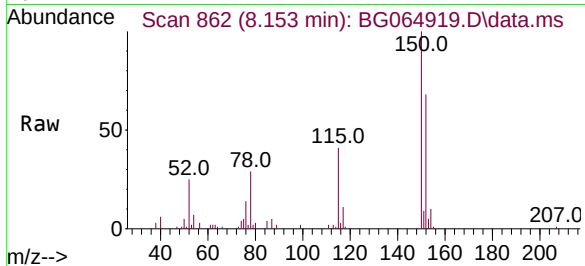




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.153 min Scan# 80
 Delta R.T. -0.014 min
 Lab File: BG064919.D
 Acq: 10 Dec 2025 13:39

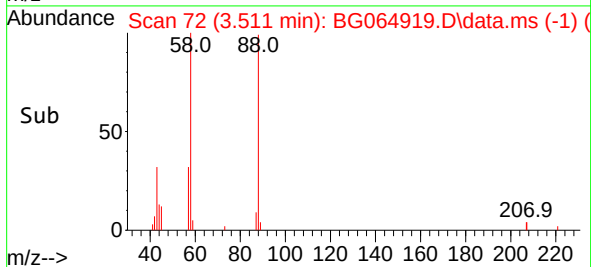
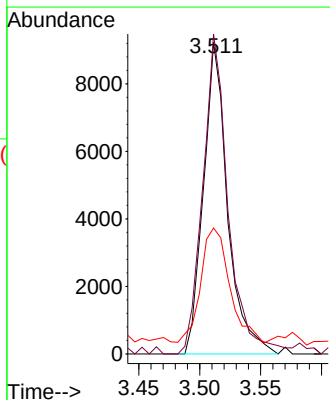
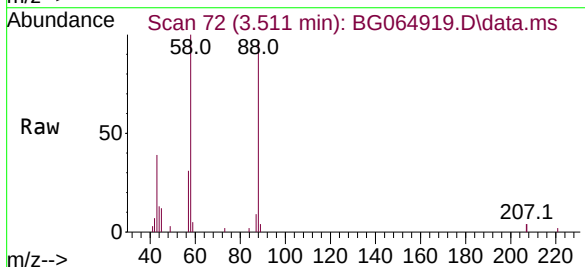
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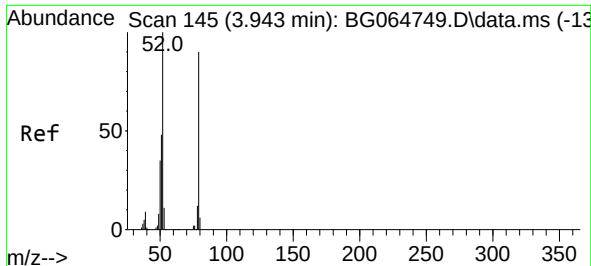
Tgt Ion:152 Resp: 19955
 Ion Ratio Lower Upper
 152 100
 150 147.3 129.2 193.8
 115 60.0 53.7 80.5



#2
 1,4-Dioxane
 Concen: 28.653 ng
 RT: 3.511 min Scan# 72
 Delta R.T. -0.020 min
 Lab File: BG064919.D
 Acq: 10 Dec 2025 13:39

Tgt Ion: 88 Resp: 12676
 Ion Ratio Lower Upper
 88 100
 58 108.7 84.6 126.8
 43 45.0 30.0 45.0

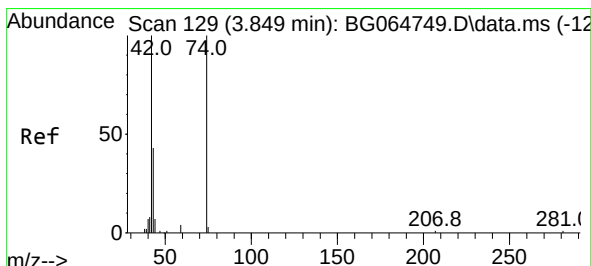
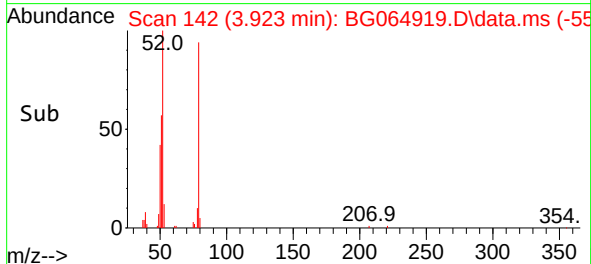
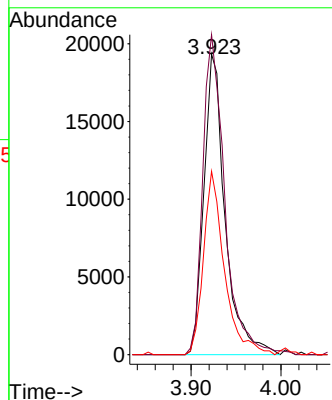
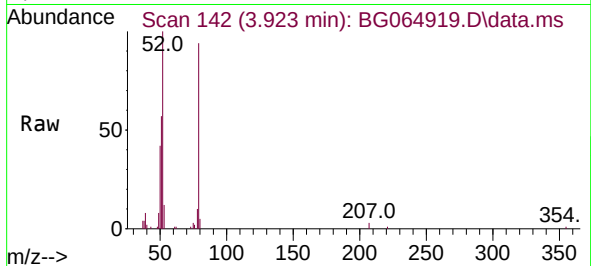




#3
Pyridine
Concen: 24.128 ng
RT: 3.923 min Scan# 14
Delta R.T. -0.020 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

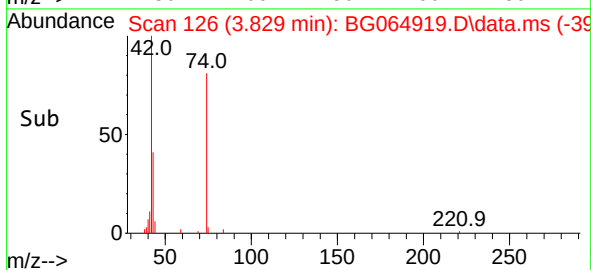
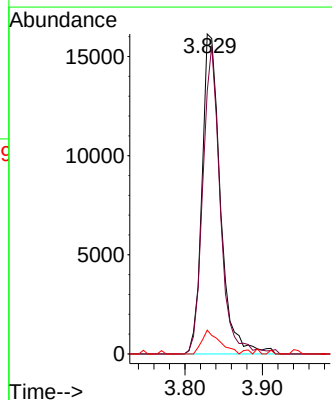
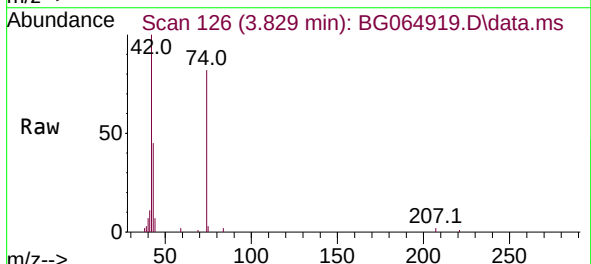
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ClientSampleId :
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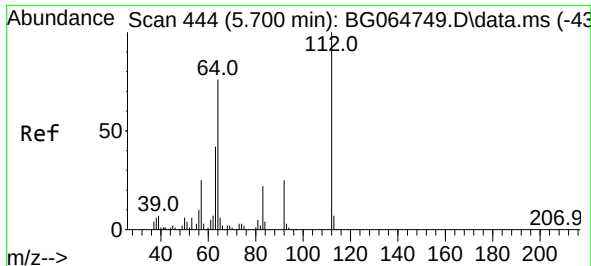
Tgt Ion: 79 Resp: 31805
Ion Ratio Lower Upper
79 100
52 106.5 89.0 133.4
51 61.0 43.4 65.0



#4
n-Nitrosodimethylamine
Concen: 39.460 ng
RT: 3.829 min Scan# 126
Delta R.T. -0.020 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion: 42 Resp: 26474
Ion Ratio Lower Upper
42 100
74 82.1 79.8 119.6
44 7.4 5.9 8.9

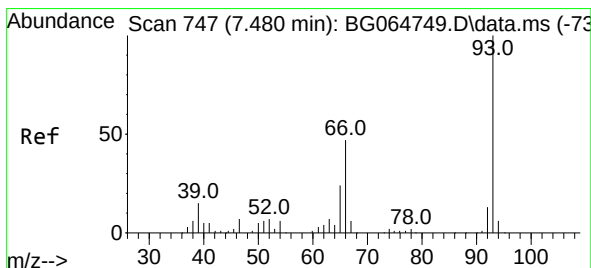
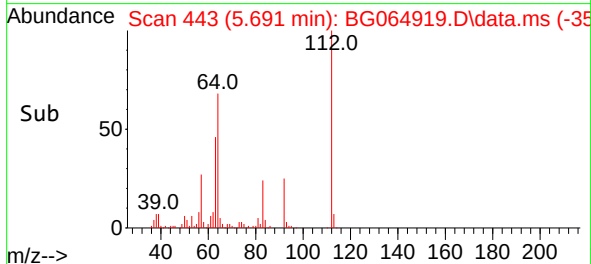
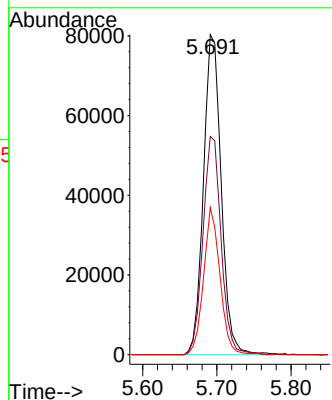
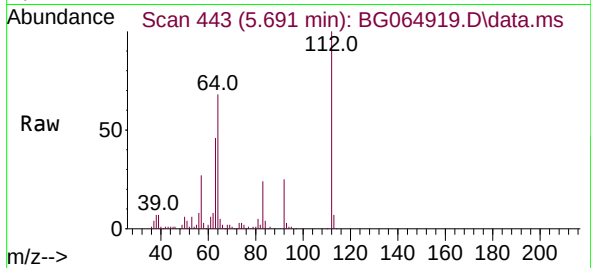




#5
2-Fluorophenol
Concen: 117.200 ng
RT: 5.691 min Scan# 444
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

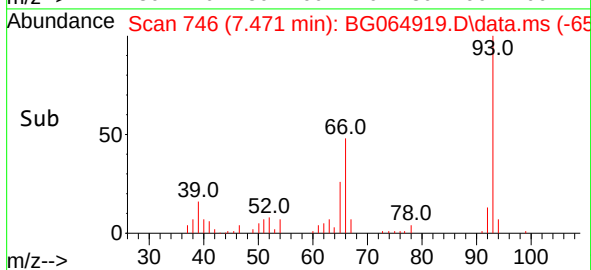
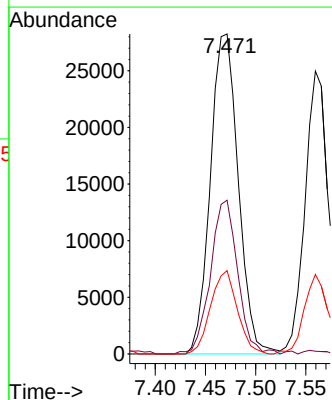
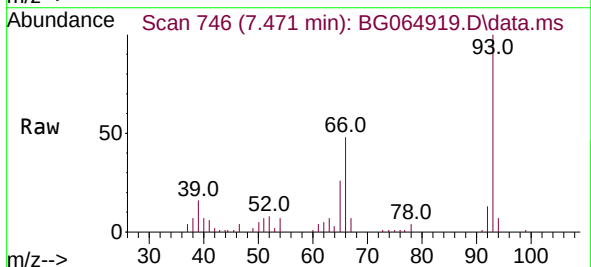
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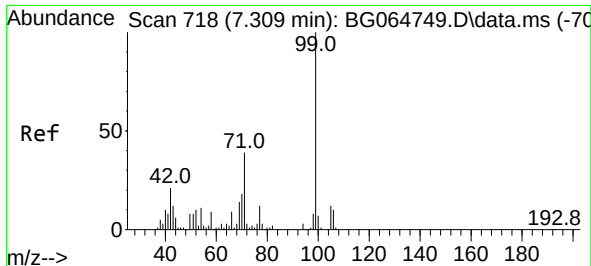
Tgt Ion:112 Resp: 133931
Ion Ratio Lower Upper
112 100
64 68.2 61.0 91.4
63 46.0 33.3 49.9



#6
Aniline
Concen: 27.005 ng
RT: 7.471 min Scan# 746
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

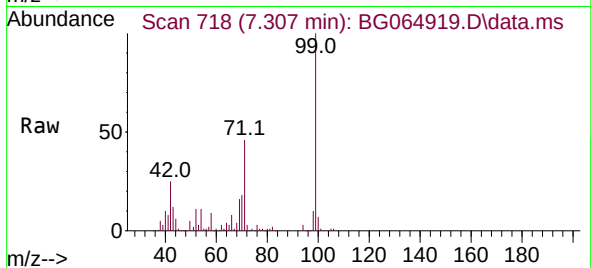
Tgt Ion: 93 Resp: 54710
Ion Ratio Lower Upper
93 100
66 48.0 37.7 56.5
65 26.0 19.1 28.7



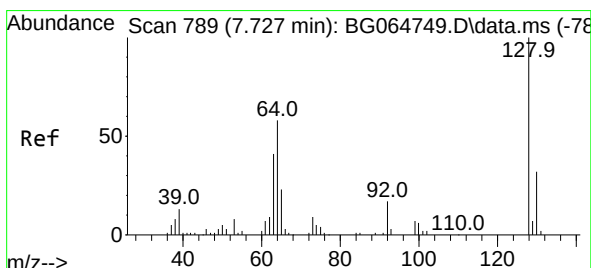
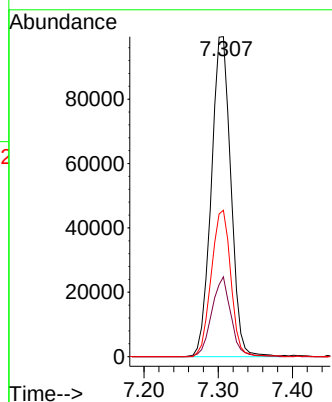
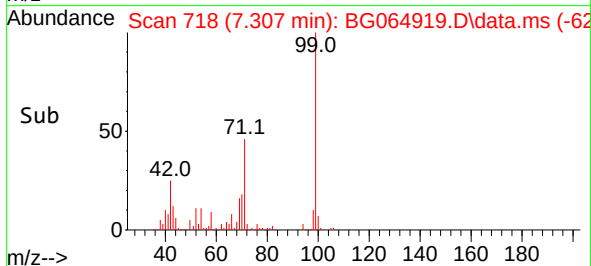


#7
Phenol-d6
Concen: 120.024 ng
RT: 7.307 min Scan# 718
Delta R.T. -0.002 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

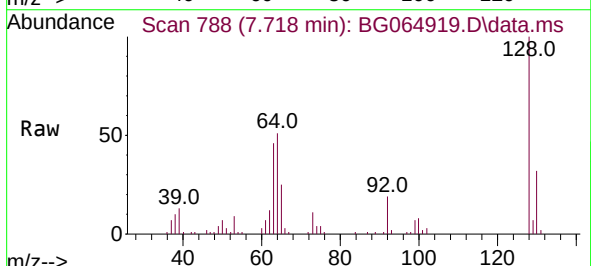
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ClientSampleId :
PB170885BS



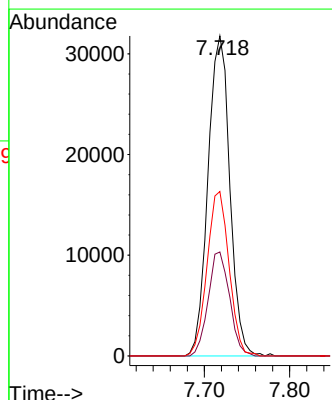
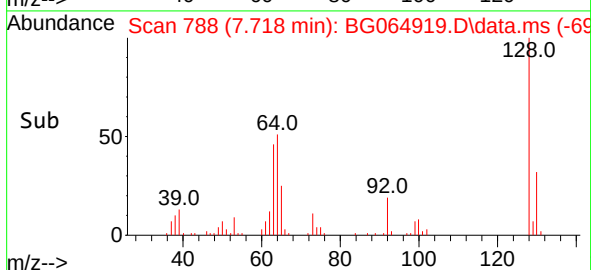
Tgt Ion:	99	Resp:	182426
Ion	Ratio	Lower	Upper
99	100		
42	24.9	16.8	25.2
71	45.7	31.1	46.7

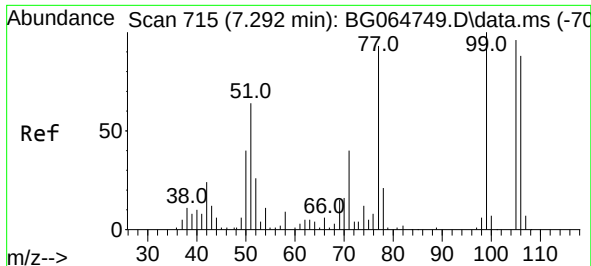


#8
2-Chlorophenol
Concen: 44.935 ng
RT: 7.718 min Scan# 788
Delta R.T. -0.008 min
Lab File: BG064919.D
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Tgt Ion:	128	Resp:	56383
Ion	Ratio	Lower	Upper
128	100		
130	32.5	11.9	51.9
64	51.4	38.4	78.4

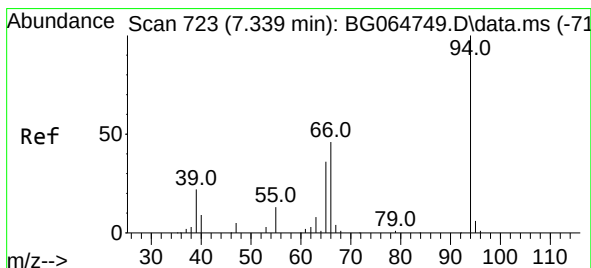
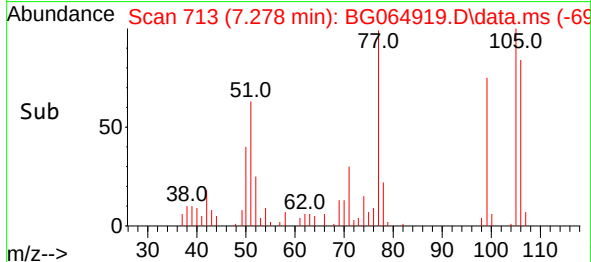
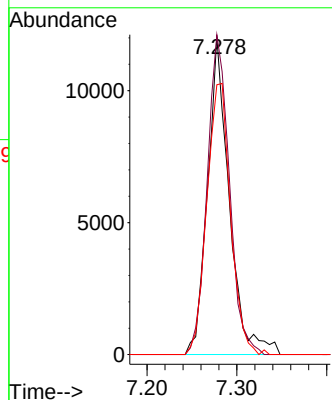
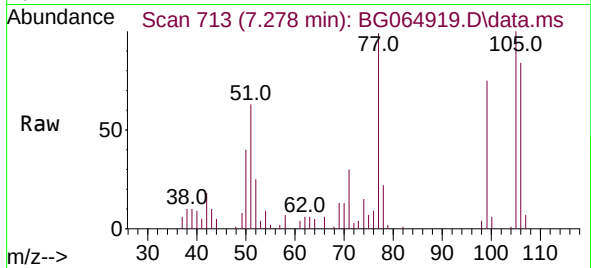




#9
Benzaldehyde
Concen: 20.272 ng
RT: 7.278 min Scan# 715
Delta R.T. -0.014 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

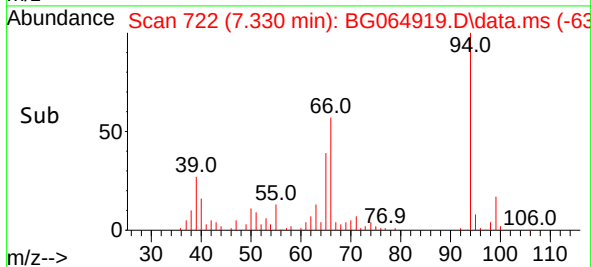
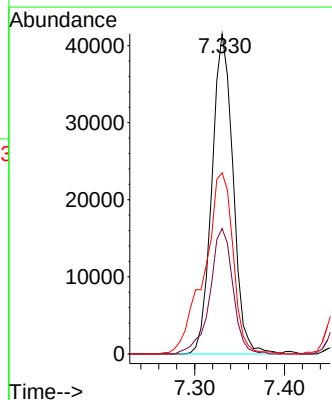
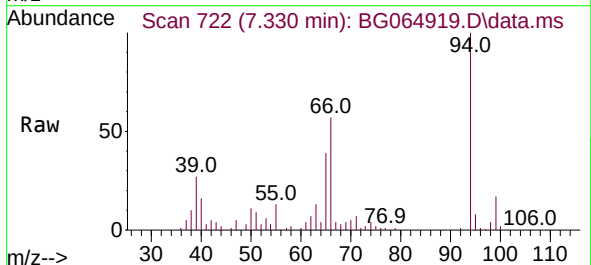
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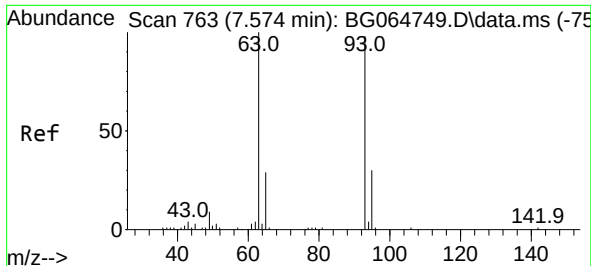
Tgt Ion: 77	Resp: 20169
Ion Ratio	Lower Upper
77 100	
105 100.6	83.8 123.8
106 84.9	74.3 114.3



#10
Phenol
Concen: 41.013 ng
RT: 7.330 min Scan# 722
Delta R.T. -0.008 min
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Tgt Ion: 94	Resp: 67824
Ion Ratio	Lower Upper
94 100	
65 39.2	17.0 57.0
66 56.6	29.8 69.8

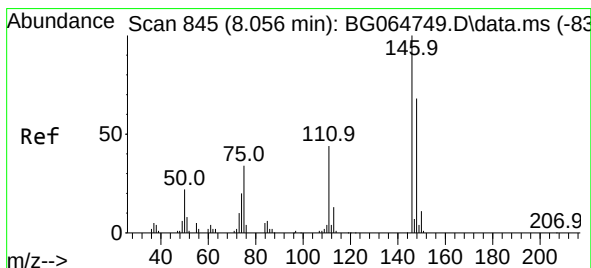
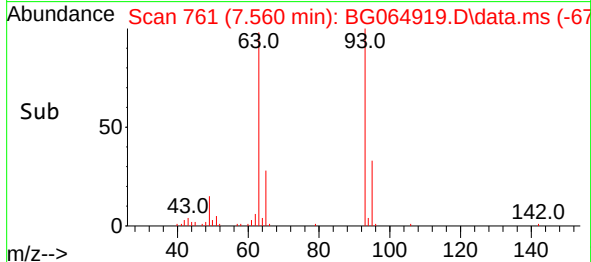
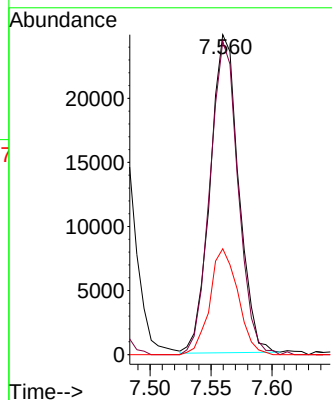
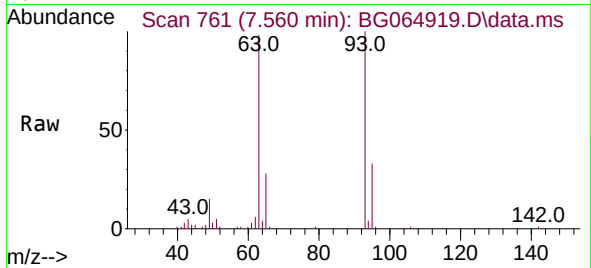




#11
bis(2-Chloroethyl)ether
Concen: 34.238 ng
RT: 7.560 min Scan# 761
Delta R.T. -0.014 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

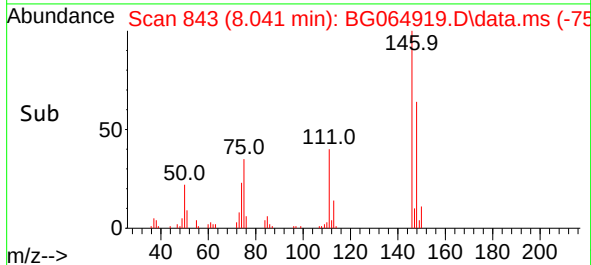
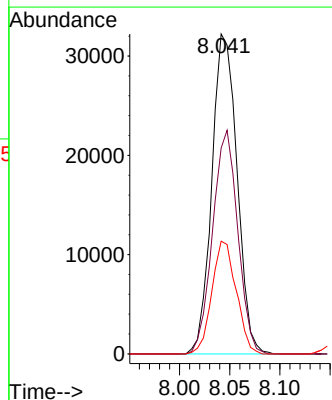
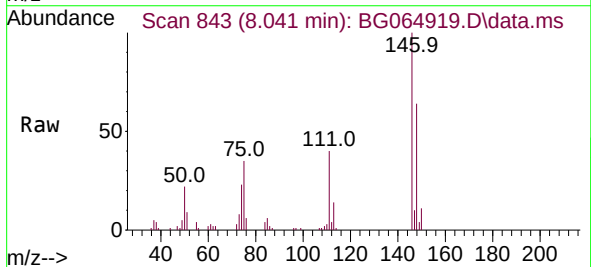
Instrument :
BNA_G
ClientSampleId :
PB170885BS

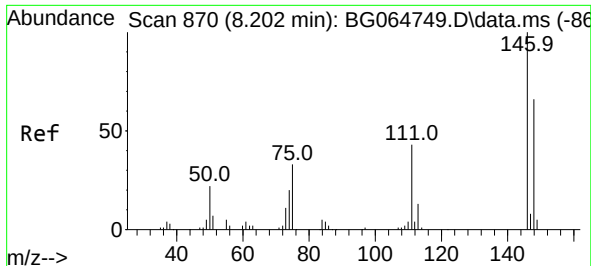
Tgt Ion: 93	Resp:	40291
Ion Ratio	Lower	Upper
93	100	
63	97.9	81.8 121.8
95	33.1	10.3 50.3



#12
1,3-Dichlorobenzene
Concen: 39.011 ng
RT: 8.041 min Scan# 843
Delta R.T. -0.014 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion: 146	Resp:	56326
Ion Ratio	Lower	Upper
146	100	
148	64.3	54.6 82.0
75	35.2	27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 40.614 ng

RT: 8.188 min Scan# 868

Delta R.T. -0.014 min

Lab File: BG064919.D

Acq: 10 Dec 2025 13:39

Instrument :

BNA_G

ClientSampleId :

PB170885BS

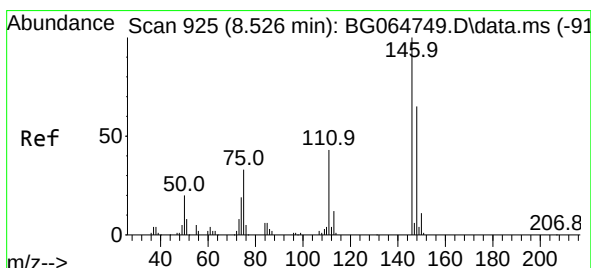
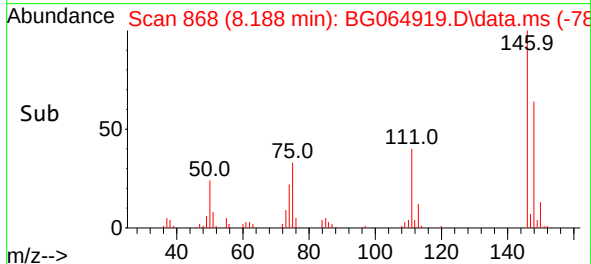
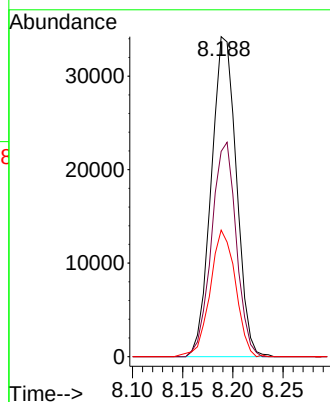
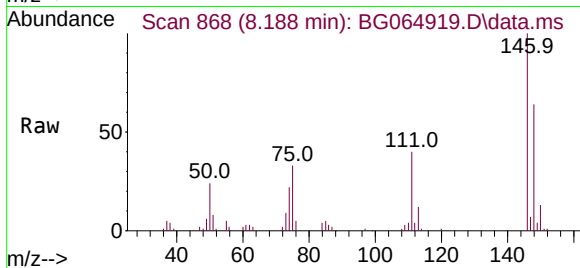
Tgt Ion:146 Resp: 59711

Ion Ratio Lower Upper

146 100

148 64.1 53.1 79.7

111 39.5 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 40.663 ng

RT: 8.511 min Scan# 923

Delta R.T. -0.014 min

Lab File: BG064919.D

Acq: 10 Dec 2025 13:39

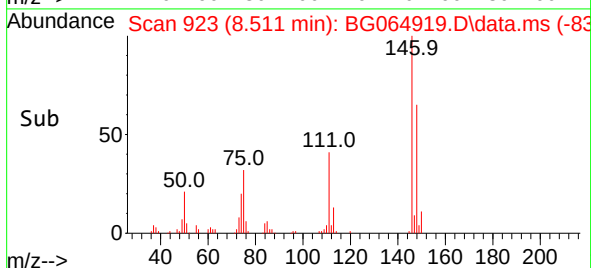
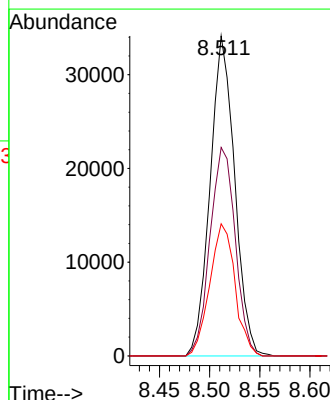
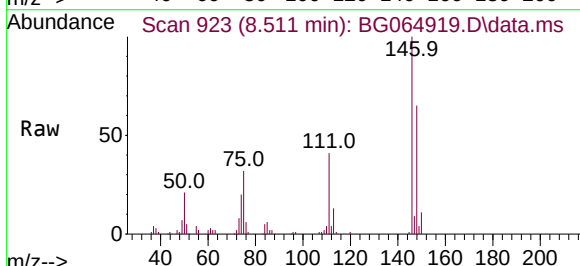
Tgt Ion:146 Resp: 57967

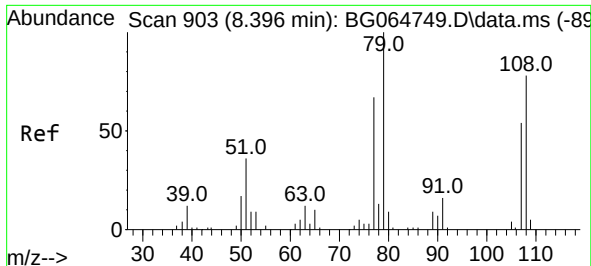
Ion Ratio Lower Upper

146 100

148 65.1 52.0 78.0

111 41.3 34.7 52.1

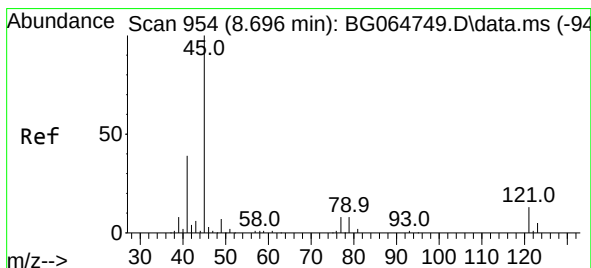
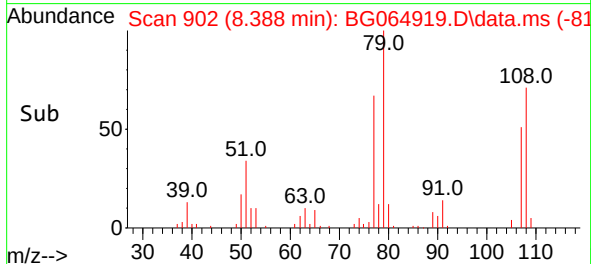
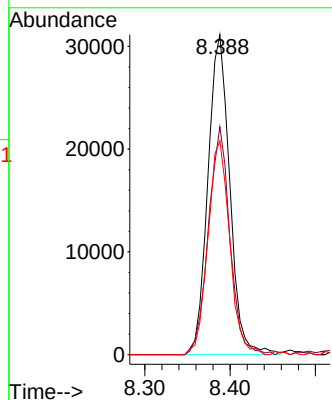
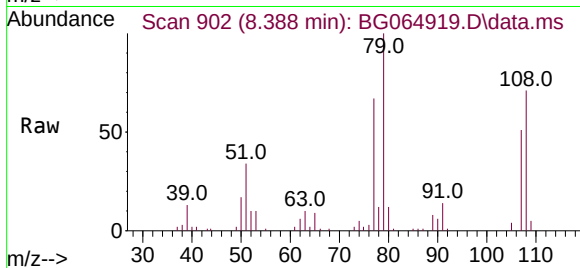




#15
Benzyl Alcohol
Concen: 44.366 ng
RT: 8.388 min Scan# 90
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

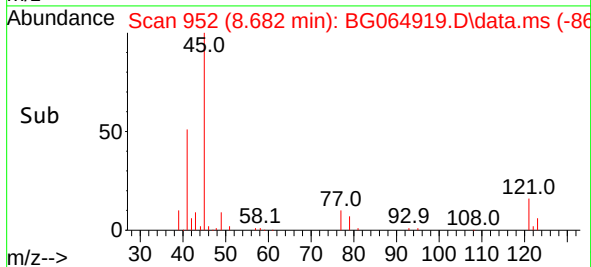
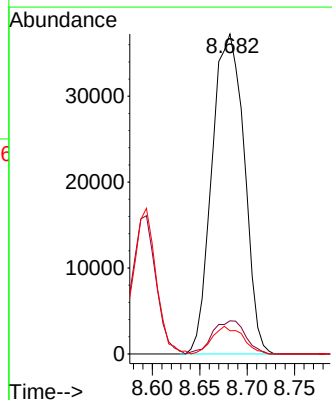
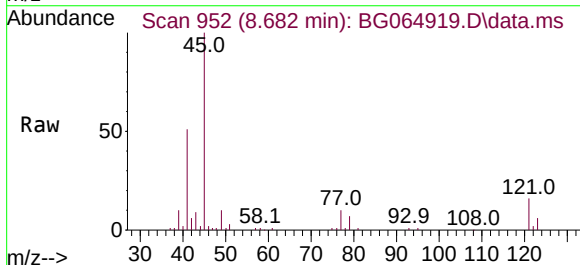
Instrument :
BNA_G
ClientSampleId :
PB170885BS

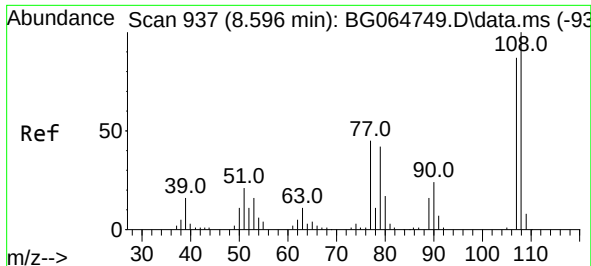
Tgt Ion: 79 Resp: 55350
Ion Ratio Lower Upper
79 100
108 71.2 62.3 93.5
77 66.8 53.5 80.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.672 ng
RT: 8.682 min Scan# 952
Delta R.T. -0.014 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion: 45 Resp: 88219
Ion Ratio Lower Upper
45 100
77 10.3 0.0 28.8
79 7.2 0.0 28.1

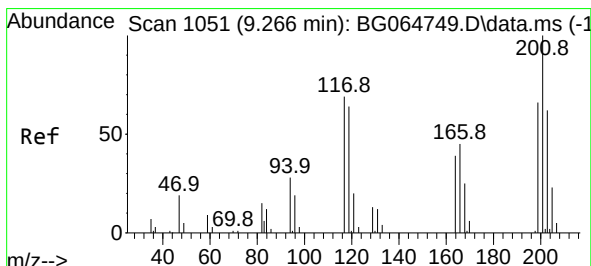
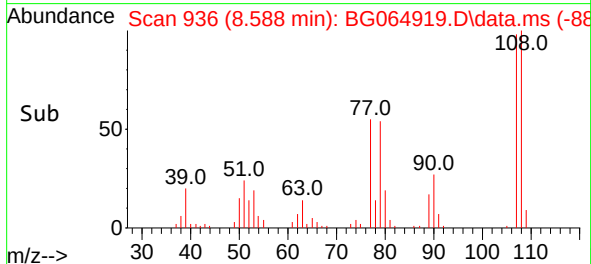
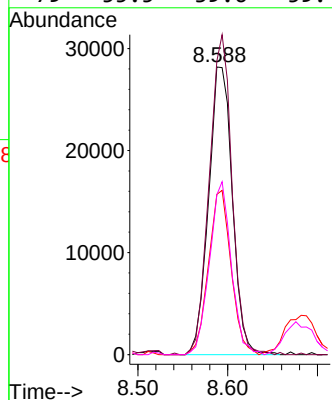
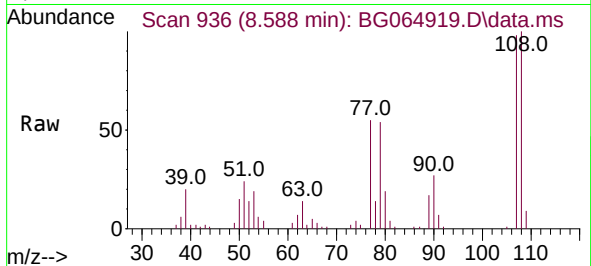




#17
2-Methylphenol
Concen: 44.373 ng
RT: 8.588 min Scan# 937
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

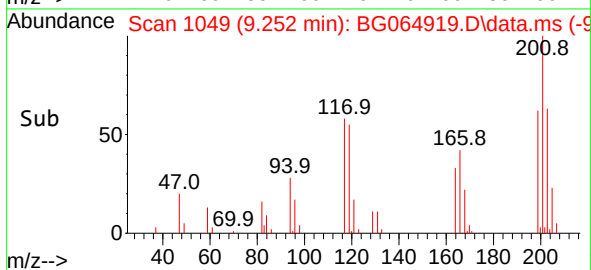
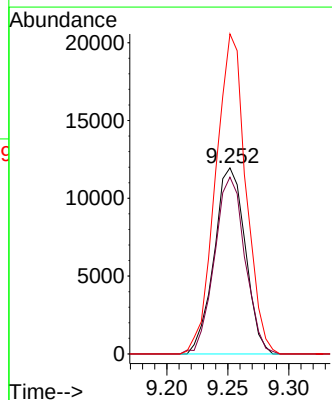
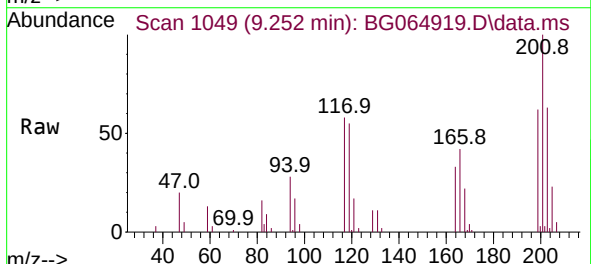
Instrument :
BNA_G
ClientSampleId :
PB170885BS

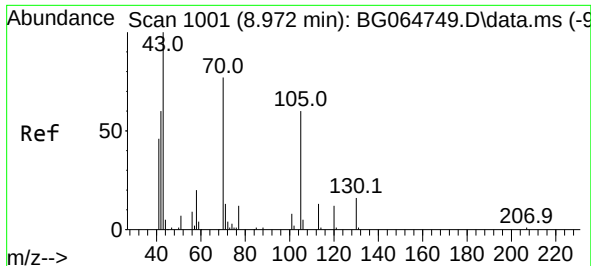
Tgt Ion:	107	Resp:	51922
Ion	Ratio	Lower	Upper
107	100		
108	102.0	92.6	138.8
77	55.7	41.2	61.8
79	55.5	39.6	59.4



#18
Hexachloroethane
Concen: 38.122 ng
RT: 9.252 min Scan# 1049
Delta R.T. -0.014 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion:	117	Resp:	21228
Ion	Ratio	Lower	Upper
117	100		
119	95.1	74.4	111.6
201	176.6	116.5	174.7#

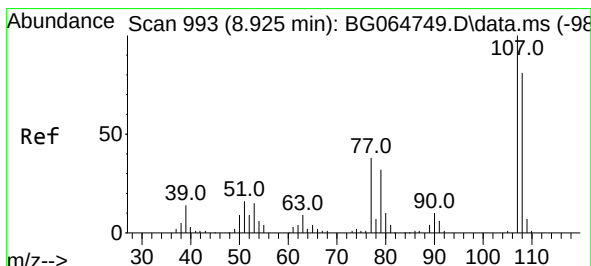
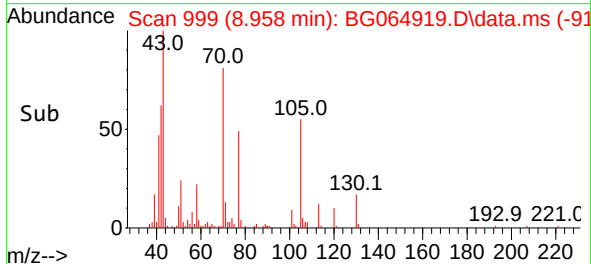
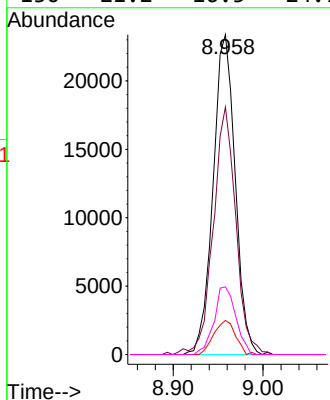
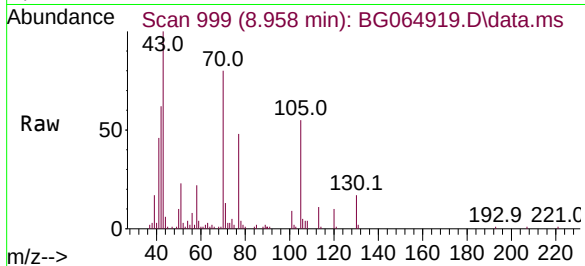




#19
n-Nitroso-di-n-propylamine
Concen: 39.028 ng
RT: 8.958 min Scan# 999
Delta R.T. -0.014 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

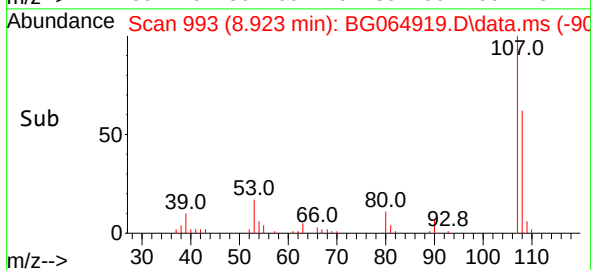
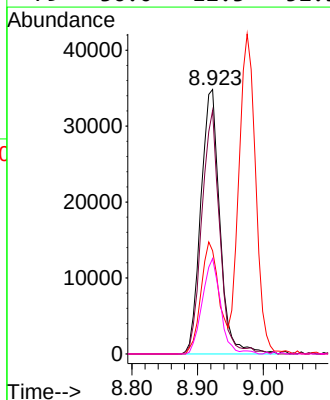
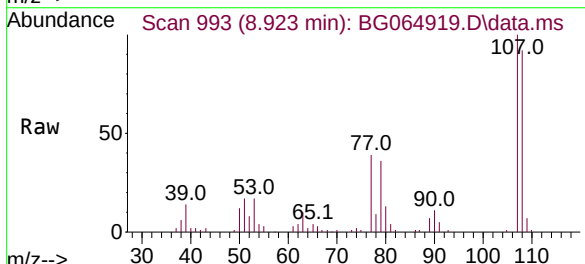
Instrument :
BNA_G
ClientSampleId :
PB170885BS

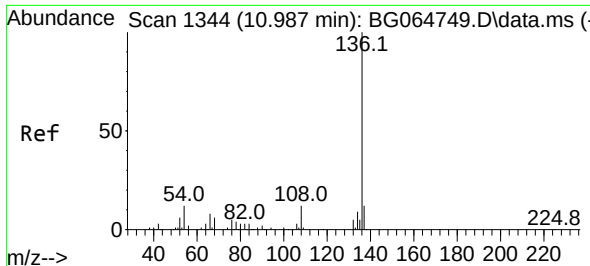
Tgt Ion:	70	Resp:	40108
Ion	Ratio	Lower	Upper
70	100		
42	77.4	62.6	93.8
101	10.7	8.0	12.0
130	21.2	16.5	24.7



#20
3+4-Methylphenols
Concen: 43.674 ng
RT: 8.923 min Scan# 993
Delta R.T. -0.002 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion:	107	Resp:	70009
Ion	Ratio	Lower	Upper
107	100		
108	92.1	61.0	101.0
77	39.0	17.6	57.6
79	36.0	12.3	52.3

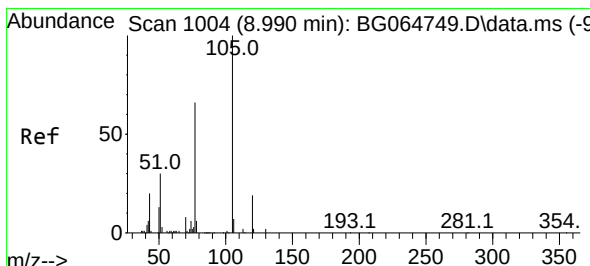
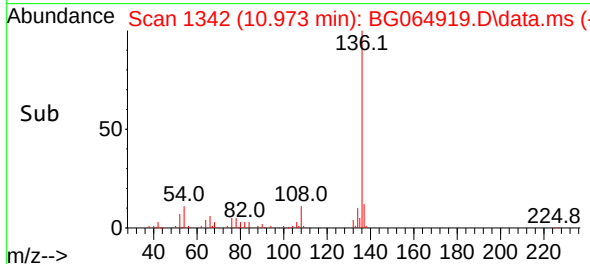
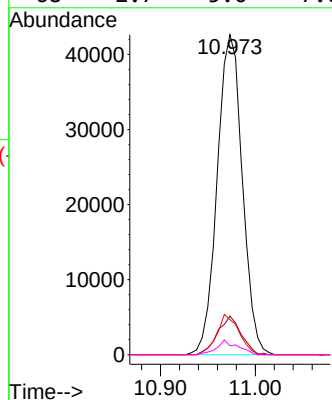
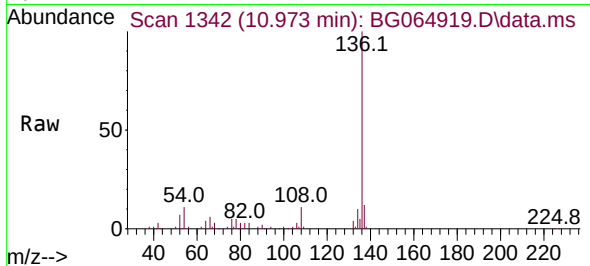




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 1344
Delta R.T. -0.014 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

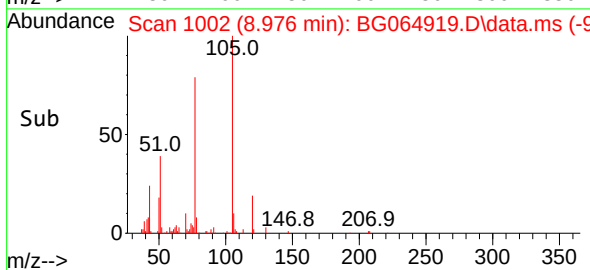
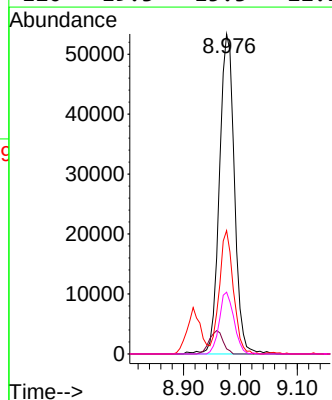
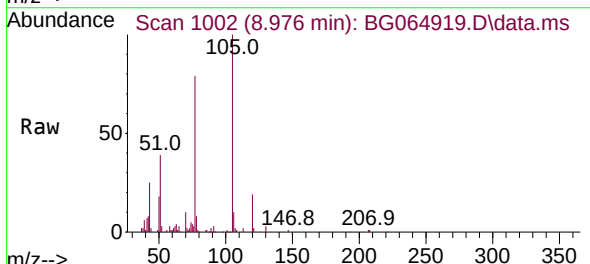
Instrument :
BNA_G
ClientSampleId :
PB170885BS

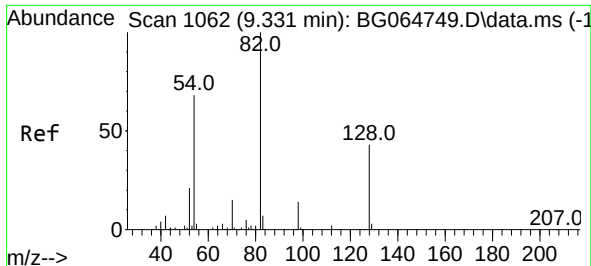
Tgt Ion:	136	Resp:	78423
Ion Ratio	Lower	Upper	
136	100		
137	12.0	9.3	13.9
54	11.0	9.3	13.9
68	2.7	5.0	7.6



#22
Acetophenone
Concen: 45.735 ng
RT: 8.976 min Scan# 1002
Delta R.T. -0.014 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion:	105	Resp:	97717
Ion Ratio	Lower	Upper	
105	100		
71	1.6	1.3	1.9
51	38.5	27.9	41.9
120	19.3	15.3	22.9

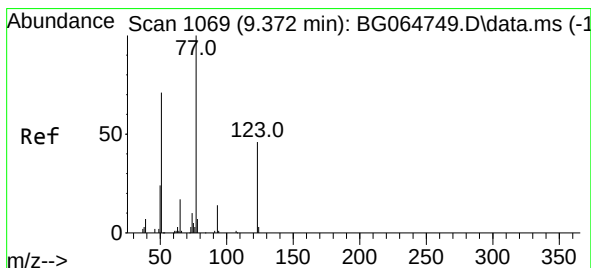
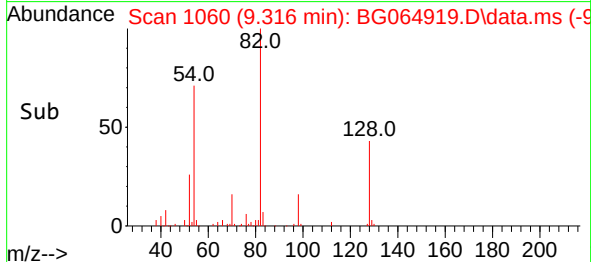
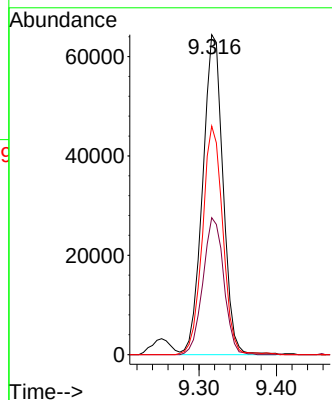
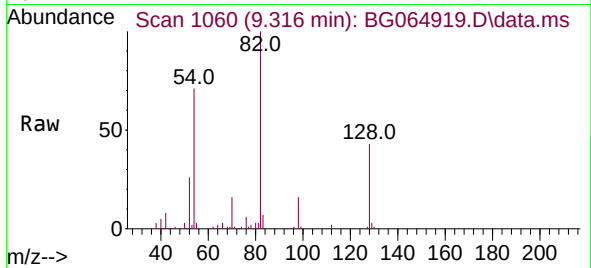




#23
Nitrobenzene-d5
Concen: 74.045 ng
RT: 9.316 min Scan# 1060
Delta R.T. -0.014 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

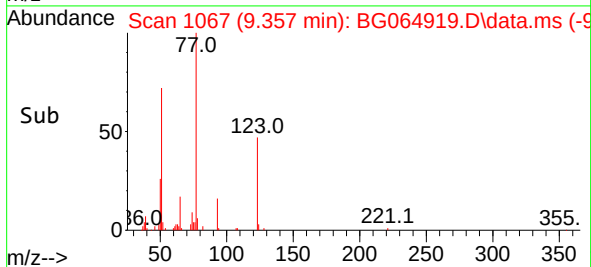
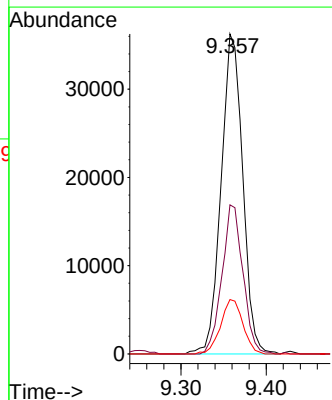
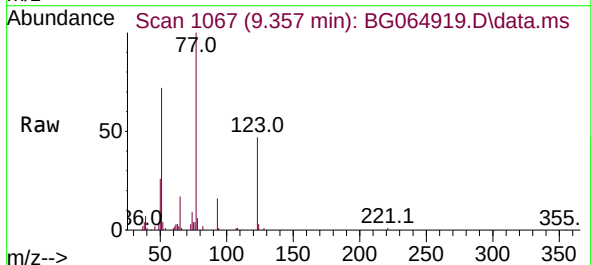
Instrument :
BNA_G
ClientSampleId :
PB170885BS

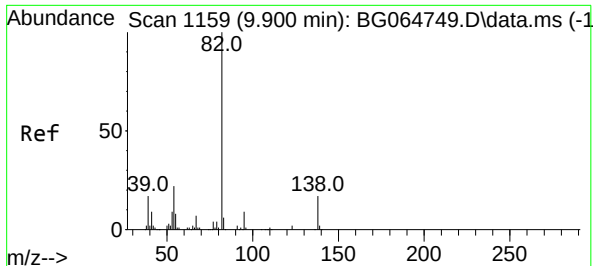
Tgt Ion: 82 Resp: 117446
Ion Ratio Lower Upper
82 100
128 42.8 34.1 51.1
54 71.4 54.3 81.5



#24
Nitrobenzene
Concen: 39.751 ng
RT: 9.357 min Scan# 1067
Delta R.T. -0.014 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion: 77 Resp: 63707
Ion Ratio Lower Upper
77 100
123 46.6 36.5 54.7
65 17.0 13.5 20.3

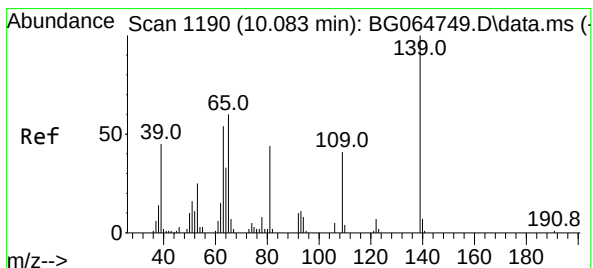
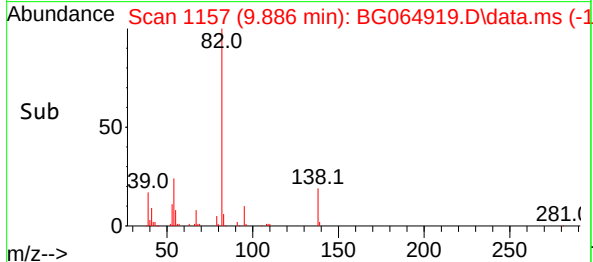
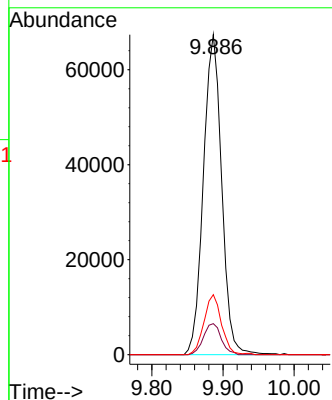
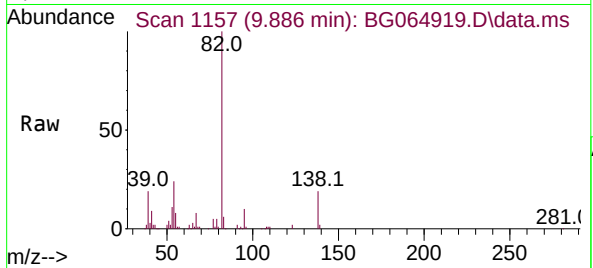




#25
Isophorone
Concen: 39.698 ng
RT: 9.886 min Scan# 1157
Delta R.T. -0.014 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

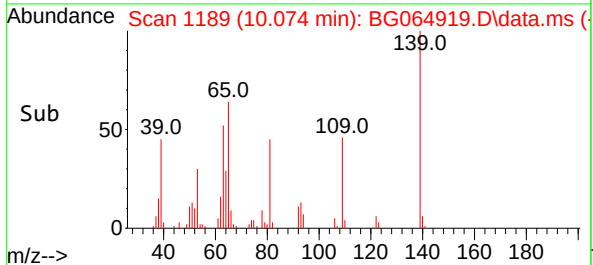
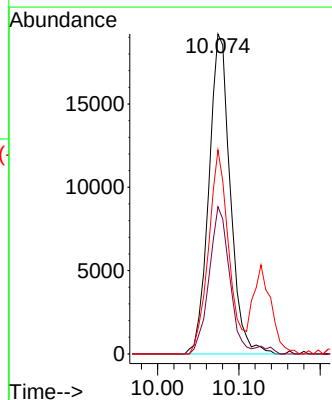
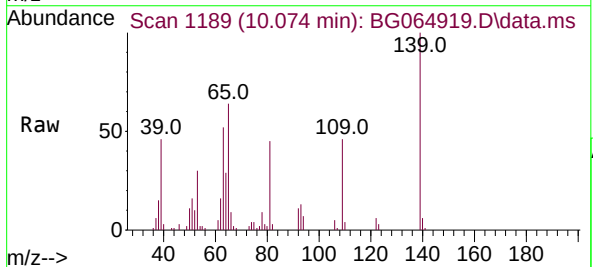
Instrument :
BNA_G
ClientSampleId :
PB170885BS

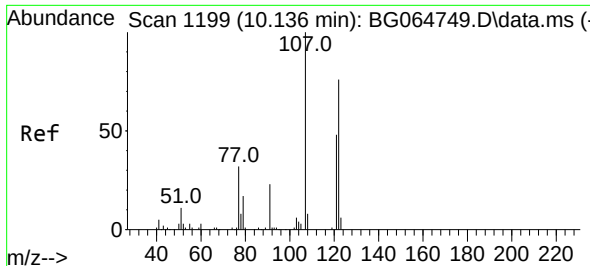
Tgt Ion: 82 Resp: 119909
Ion Ratio Lower Upper
82 100
95 9.7 6.9 10.3
138 18.7 13.9 20.9



#26
2-Nitrophenol
Concen: 48.668 ng
RT: 10.074 min Scan# 1189
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion: 139 Resp: 35083
Ion Ratio Lower Upper
139 100
109 46.0 32.5 48.7
65 63.7 47.6 71.4

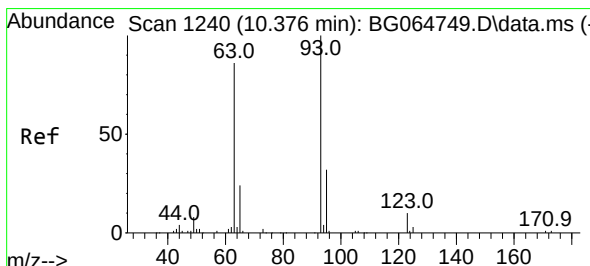
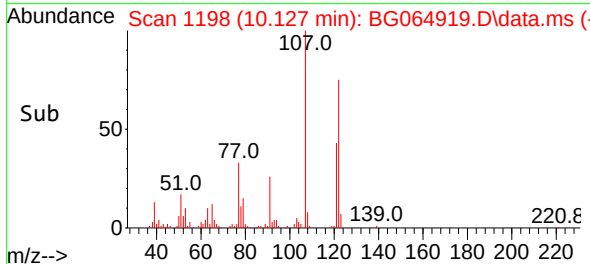
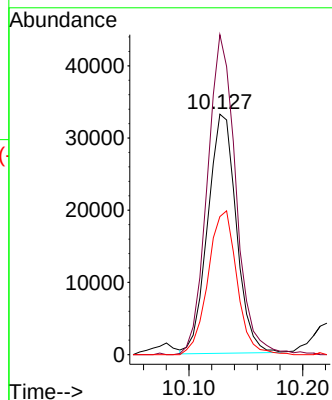
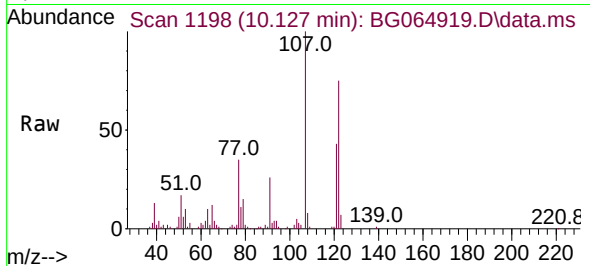




#27
2,4-Dimethylphenol
Concen: 45.120 ng
RT: 10.127 min Scan# 1199
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

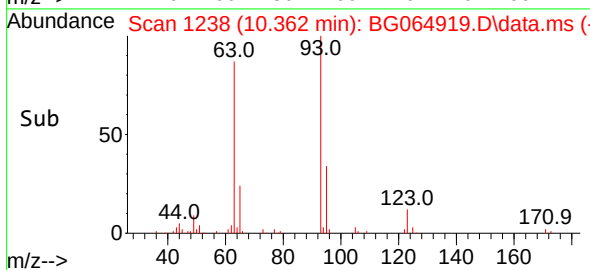
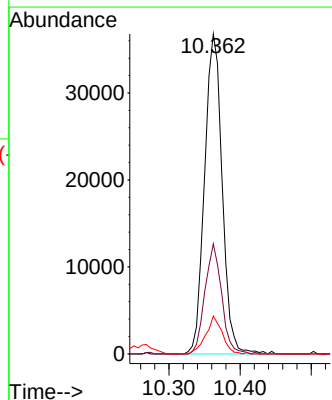
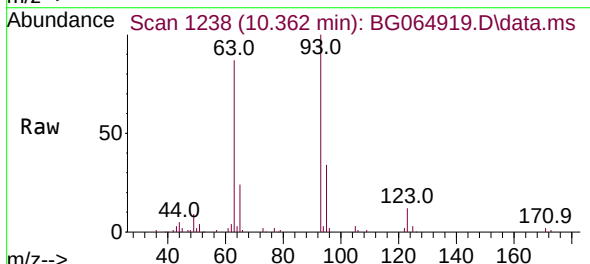
Instrument :
BNA_G
ClientSampleId :
PB170885BS

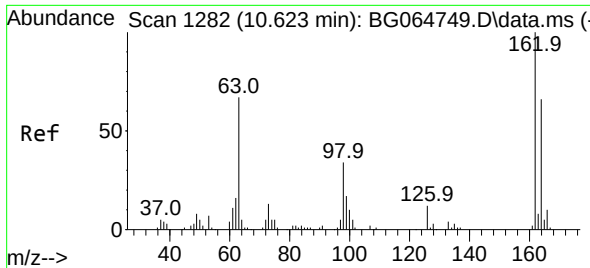
Tgt Ion:122 Resp: 57783
Ion Ratio Lower Upper
122 100
107 133.1 102.5 153.7
121 57.4 49.0 73.6



#28
bis(2-Chloroethoxy)methane
Concen: 38.020 ng
RT: 10.362 min Scan# 1238
Delta R.T. -0.014 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion: 93 Resp: 63046
Ion Ratio Lower Upper
93 100
95 34.4 25.4 38.2
123 11.9 8.1 12.1

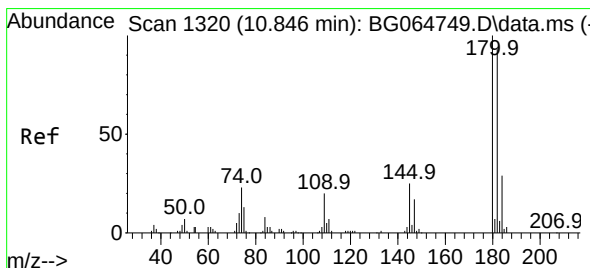
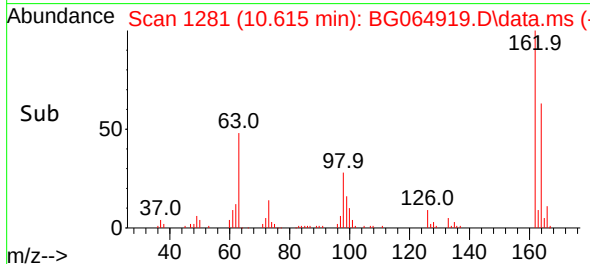
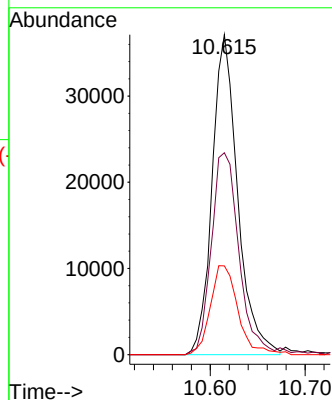
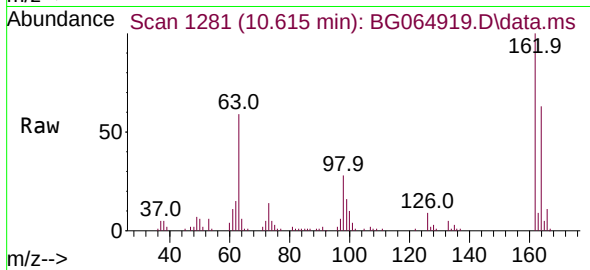




#29
2,4-Dichlorophenol
Concen: 50.495 ng
RT: 10.615 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

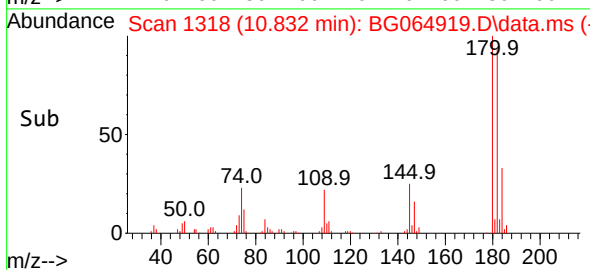
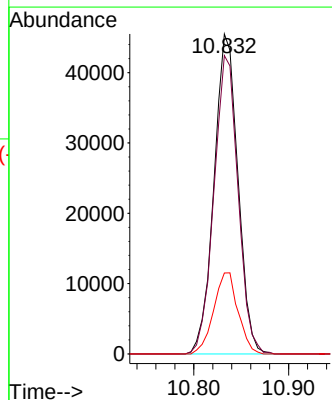
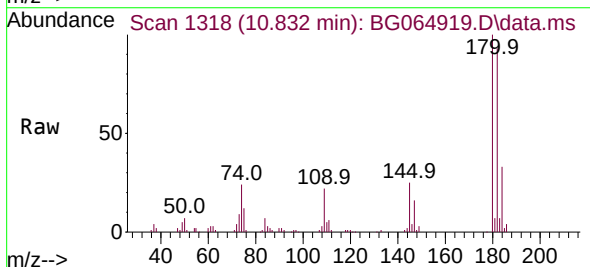
Instrument :
BNA_G
ClientSampleId :
PB170885BS

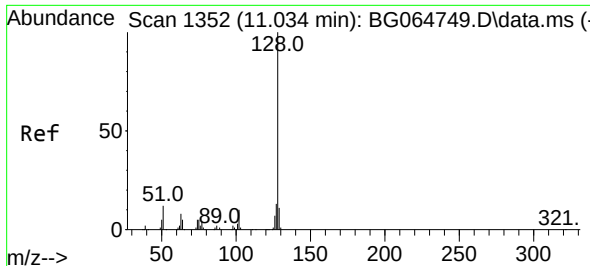
Tgt Ion:162 Resp: 69428
Ion Ratio Lower Upper
162 100
164 63.1 46.0 86.0
98 27.7 14.2 54.2



#30
1,2,4-Trichlorobenzene
Concen: 47.947 ng
RT: 10.832 min Scan# 1318
Delta R.T. -0.014 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion:180 Resp: 79605
Ion Ratio Lower Upper
180 100
182 93.2 74.2 111.4
145 25.3 20.0 30.0

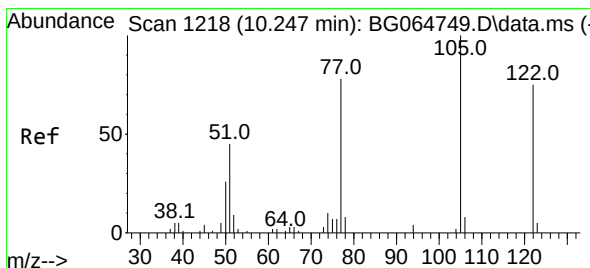
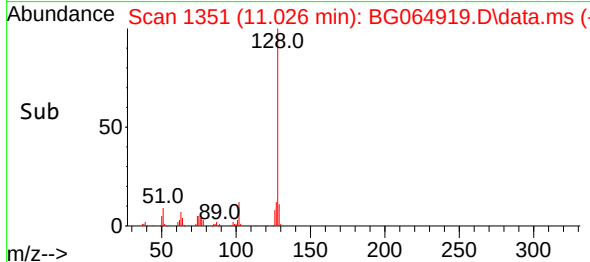
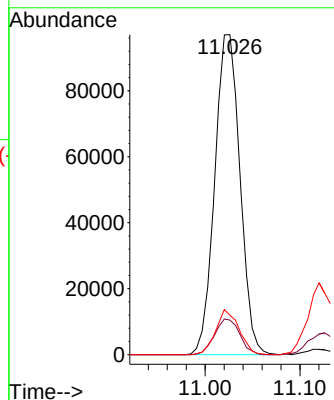
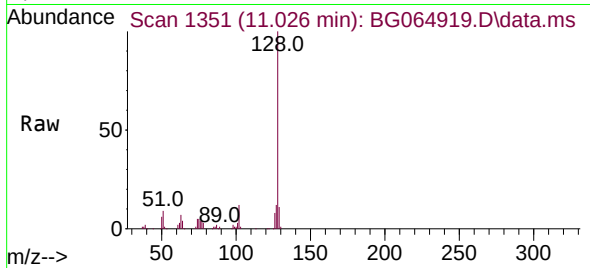




#31
Naphthalene
Concen: 40.378 ng
RT: 11.026 min Scan# 1351
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

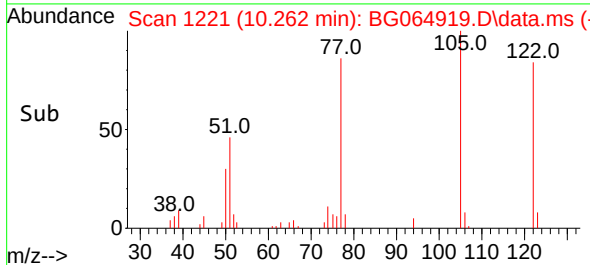
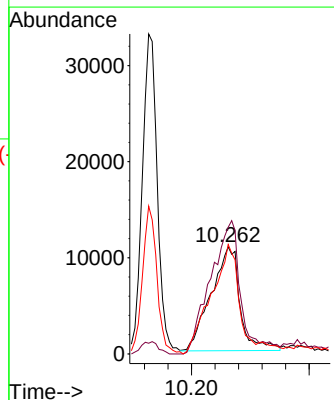
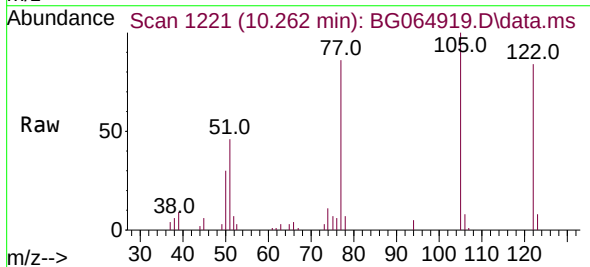
Instrument :
BNA_G
ClientSampleId :
PB170885BS

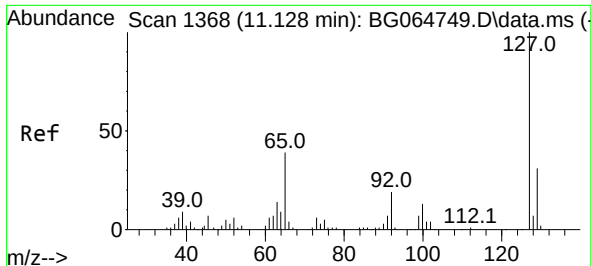
Tgt Ion:128 Resp: 179506
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 12.3 10.6 16.0



#32
Benzoic acid
Concen: 41.971 ng
RT: 10.262 min Scan# 1221
Delta R.T. 0.015 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion:122 Resp: 37175
Ion Ratio Lower Upper
122 100
105 118.4 107.6 147.6
77 102.2 82.5 122.5





#33

4-Chloroaniline

Concen: 24.465 ng

RT: 11.120 min Scan# 1367

Delta R.T. -0.008 min

Lab File: BG064919.D

Acq: 10 Dec 2025 13:39

Instrument :

BNA_G

ClientSampleId :

PB170885BS

Tgt Ion:127 Resp: 43508

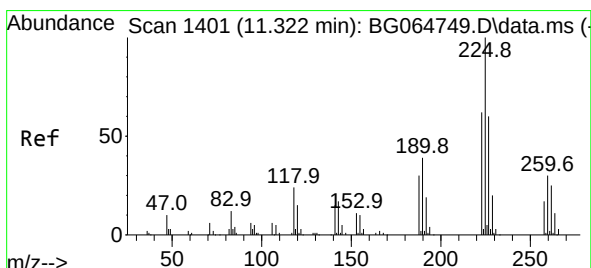
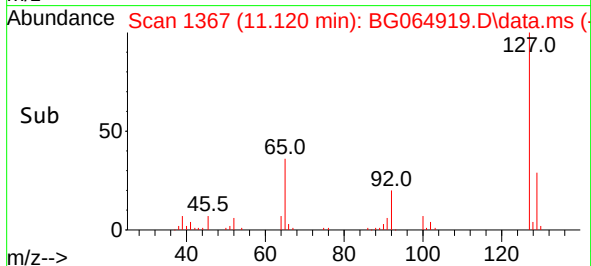
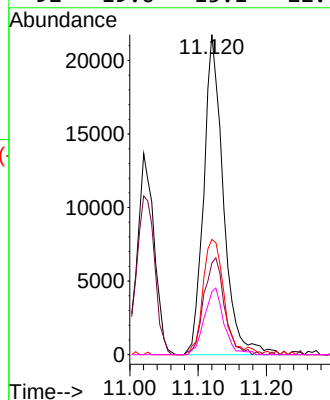
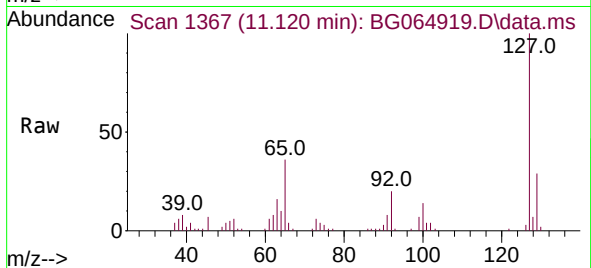
Ion Ratio Lower Upper

127 100

129 28.6 24.9 37.3

65 36.0 30.9 46.3

92 19.6 15.1 22.7



#34

Hexachlorobutadiene

Concen: 49.068 ng

RT: 11.308 min Scan# 1399

Delta R.T. -0.014 min

Lab File: BG064919.D

Acq: 10 Dec 2025 13:39

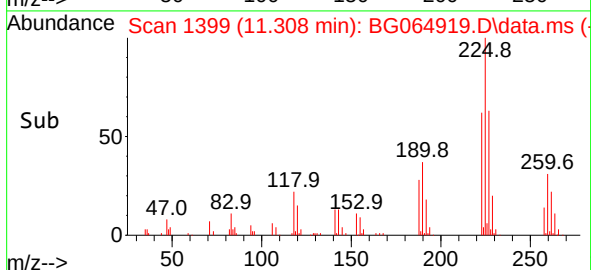
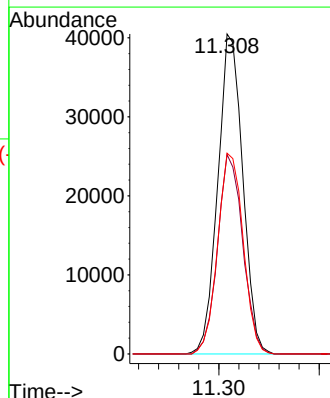
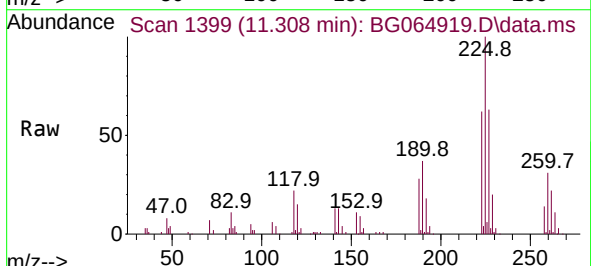
Tgt Ion:225 Resp: 69899

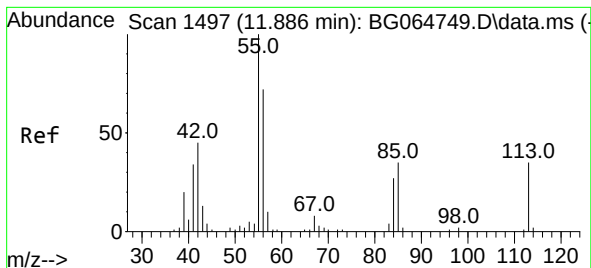
Ion Ratio Lower Upper

225 100

223 62.3 49.9 74.9

227 62.7 50.6 75.8





#35

Caprolactam

Concen: 23.660 ng

RT: 11.884 min Scan# 1497

Delta R.T. -0.002 min

Lab File: BG064919.D

Acq: 10 Dec 2025 13:39

Instrument :

BNA_G

ClientSampleId :

PB170885BS

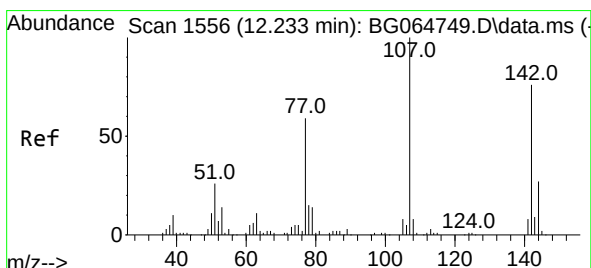
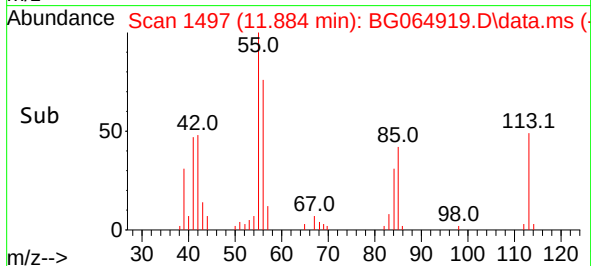
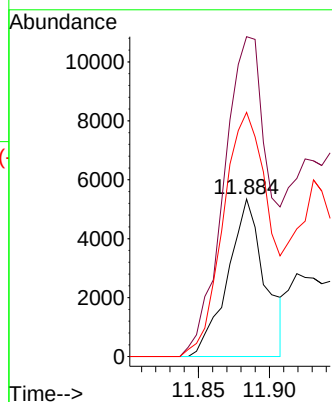
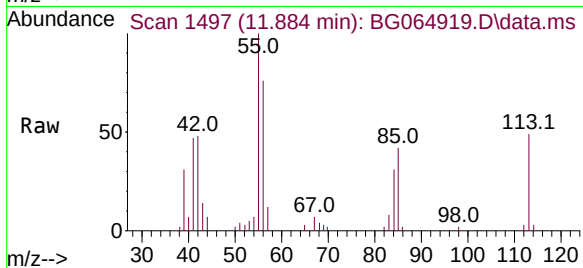
Tgt Ion:113 Resp: 9730

Ion Ratio Lower Upper

113 100

55 203.1 263.7 303.7#

56 155.1 184.0 224.0#



#36

4-Chloro-3-methylphenol

Concen: 47.569 ng

RT: 12.231 min Scan# 1556

Delta R.T. -0.002 min

Lab File: BG064919.D

Acq: 10 Dec 2025 13:39

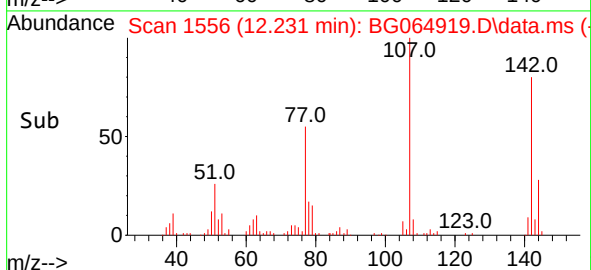
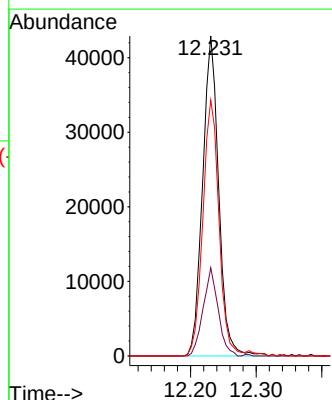
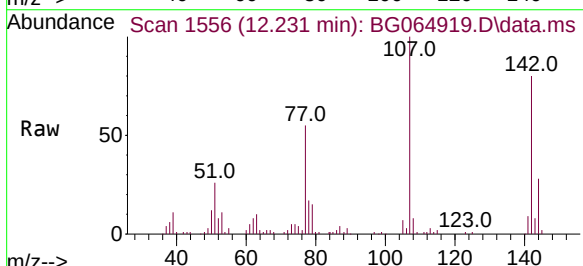
Tgt Ion:107 Resp: 72798

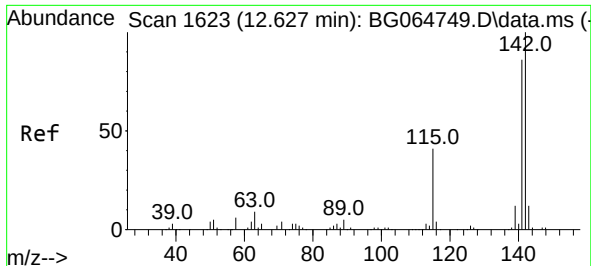
Ion Ratio Lower Upper

107 100

144 27.5 21.7 32.5

142 80.0 60.8 91.2

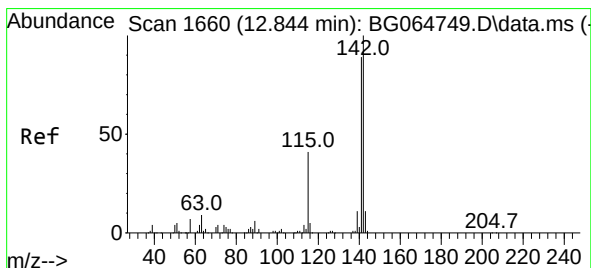
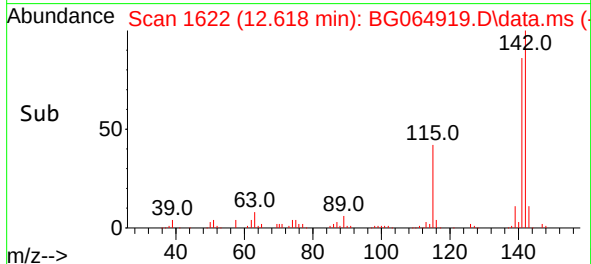
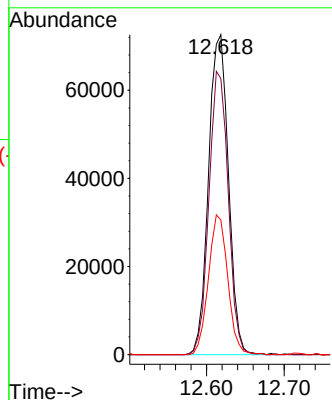
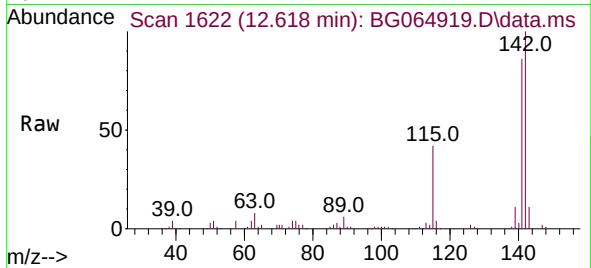




#37
2-Methylnaphthalene
Concen: 38.962 ng
RT: 12.618 min Scan# 1622
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

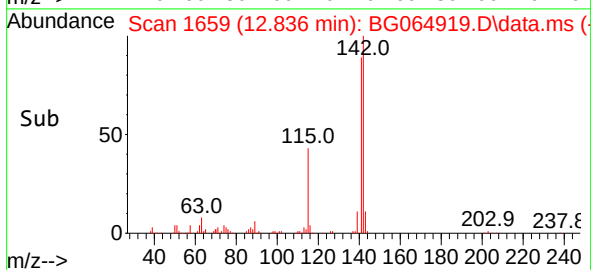
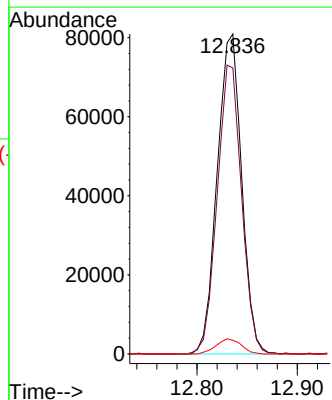
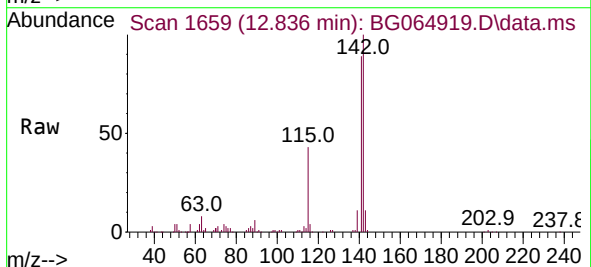
Instrument :
BNA_G
ClientSampleId :
PB170885BS

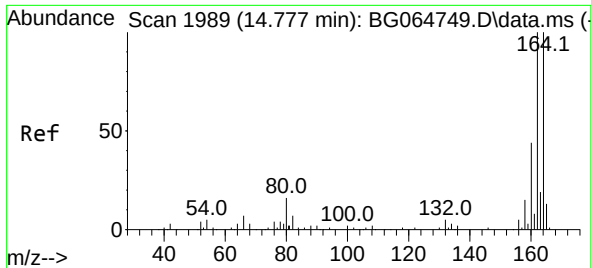
Tgt Ion:142 Resp: 129619
Ion Ratio Lower Upper
142 100
141 86.3 69.1 103.7
115 42.1 32.9 49.3



#38
1-Methylnaphthalene
Concen: 41.537 ng
RT: 12.836 min Scan# 1659
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion:142 Resp: 137265
Ion Ratio Lower Upper
142 100
141 89.4 70.8 106.2
116 4.2 3.7 5.5

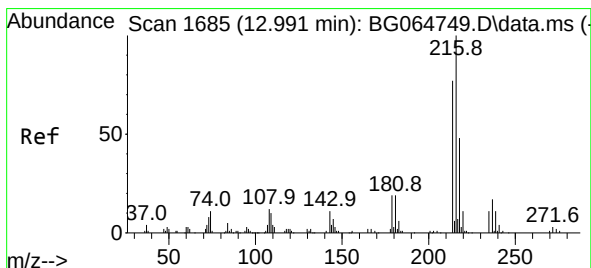
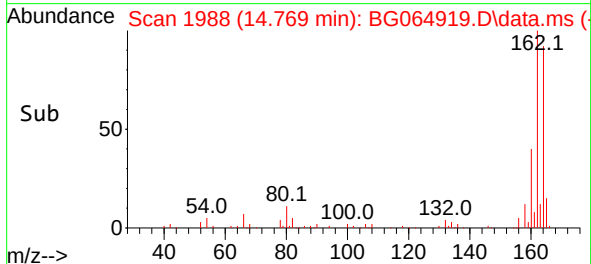
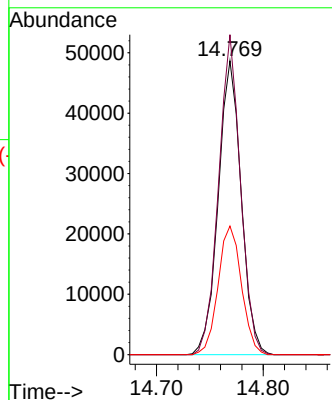
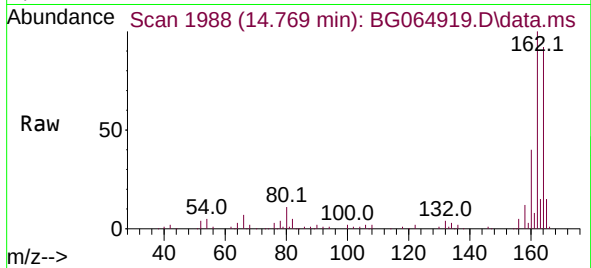




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.769 min Scan# 1988
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

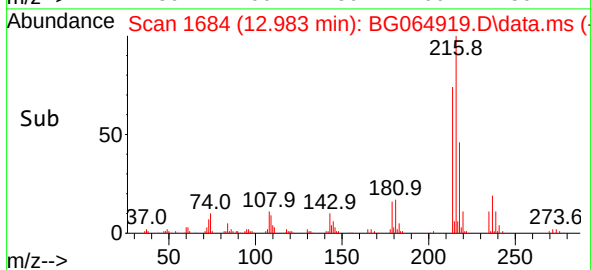
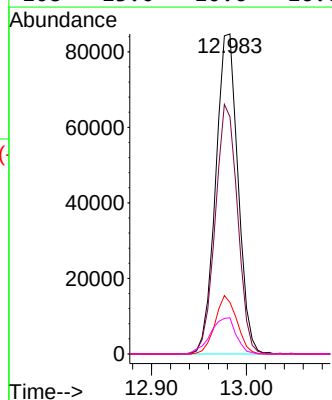
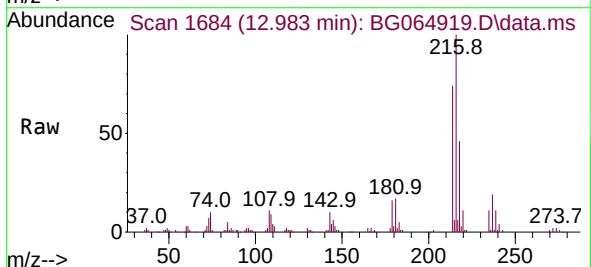
Instrument :
BNA_G
ClientSampleId :
PB170885BS

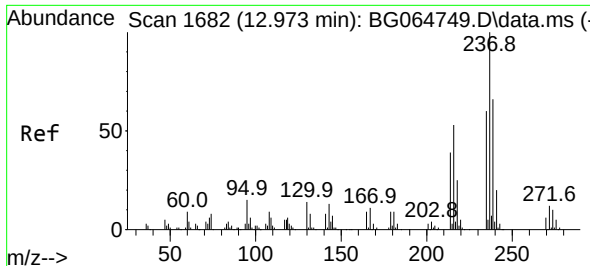
Tgt Ion:164 Resp: 72957
Ion Ratio Lower Upper
164 100
162 108.9 79.8 119.6
160 43.7 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.821 ng
RT: 12.983 min Scan# 1684
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion:216 Resp: 138617
Ion Ratio Lower Upper
216 100
214 77.6 60.5 90.7
179 17.7 14.7 22.1
108 13.0 10.6 16.0

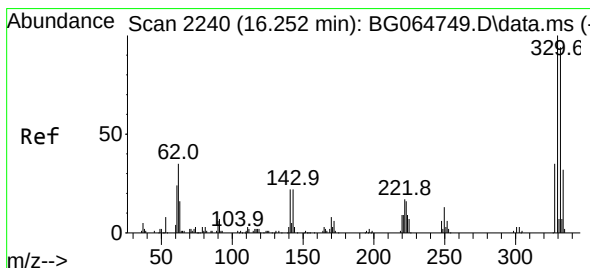
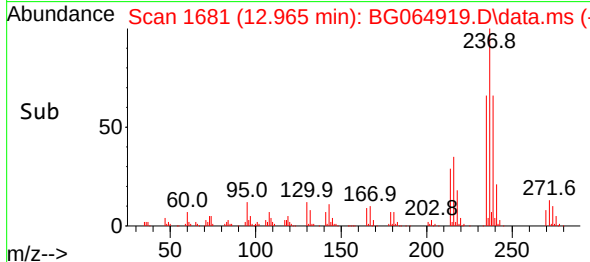
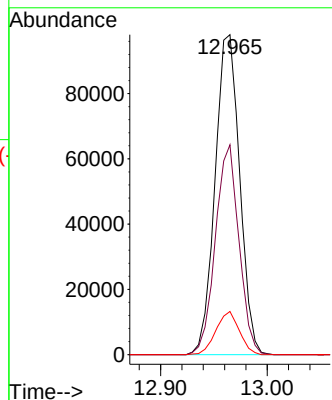
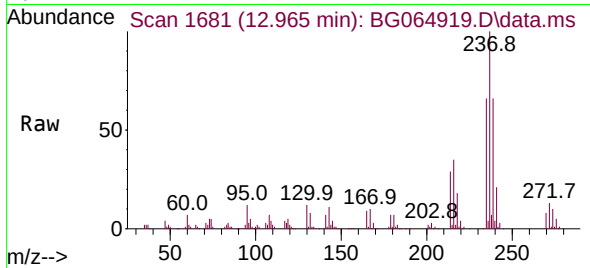




#41
Hexachlorocyclopentadiene
Concen: 77.502 ng
RT: 12.965 min Scan# 1681
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

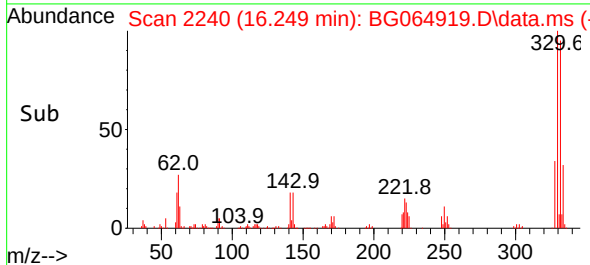
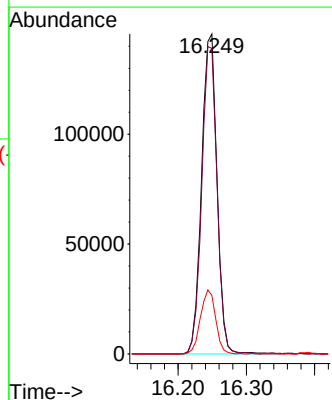
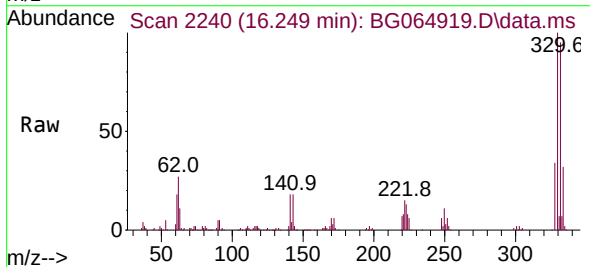
Instrument :
BNA_G
ClientSampleId :
PB170885BS

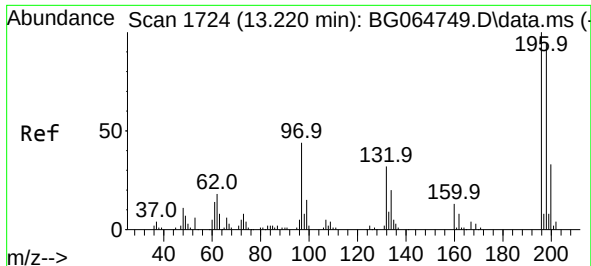
Tgt Ion:237 Resp: 157726
Ion Ratio Lower Upper
237 100
235 65.6 40.2 80.2
272 13.5 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 160.715 ng
RT: 16.249 min Scan# 2240
Delta R.T. -0.002 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion:330 Resp: 228679
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.6
141 19.6 18.2 27.2

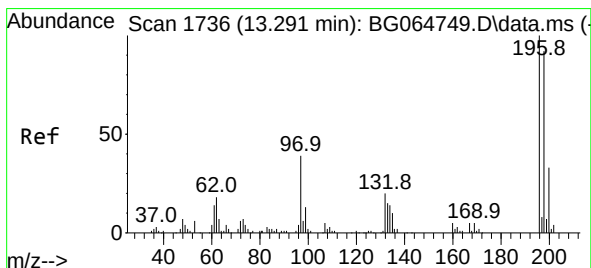
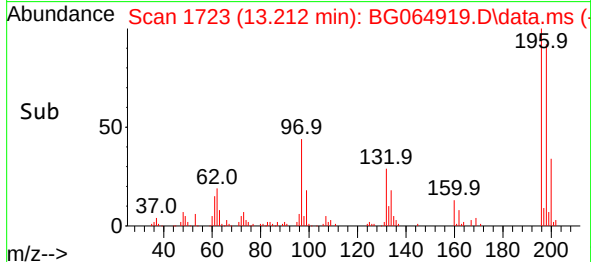
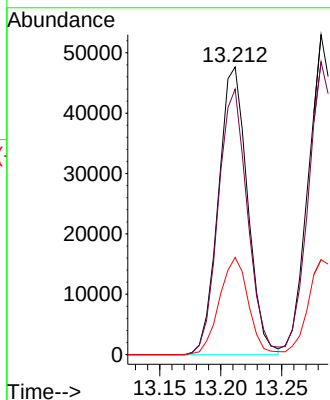
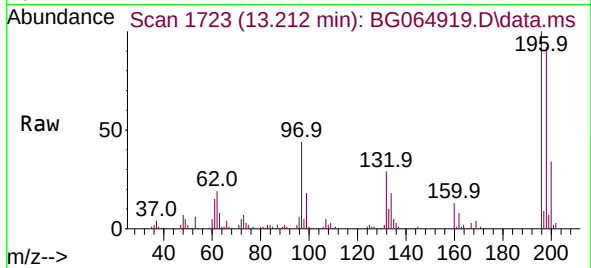




#43
 2,4,6-Trichlorophenol
 Concen: 47.589 ng
 RT: 13.212 min Scan# 1723
 Delta R.T. -0.008 min
 Lab File: BG064919.D
 Acq: 10 Dec 2025 13:39

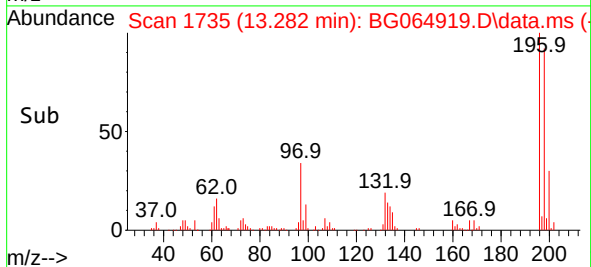
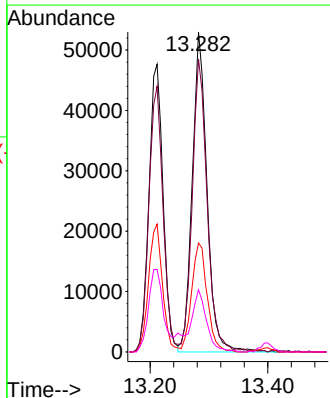
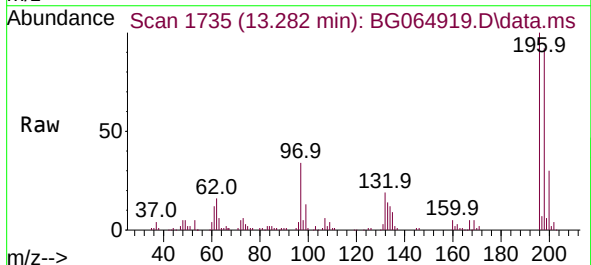
Instrument :
 BNA_G
 ClientSampleId :
 PB170885BS

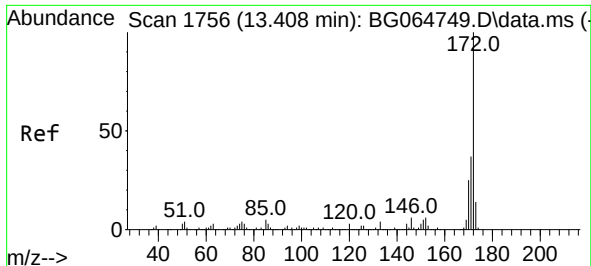
Tgt Ion:196 Resp: 79302
 Ion Ratio Lower Upper
 196 100
 198 92.3 75.3 112.9
 200 33.8 26.2 39.2



#44
 2,4,5-Trichlorophenol
 Concen: 49.252 ng
 RT: 13.282 min Scan# 1735
 Delta R.T. -0.008 min
 Lab File: BG064919.D
 Acq: 10 Dec 2025 13:39

Tgt Ion:196 Resp: 92052
 Ion Ratio Lower Upper
 196 100
 198 91.5 73.2 109.8
 97 34.0 31.4 47.0
 132 19.4 15.9 23.9

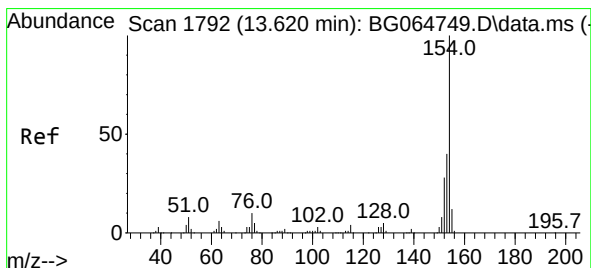
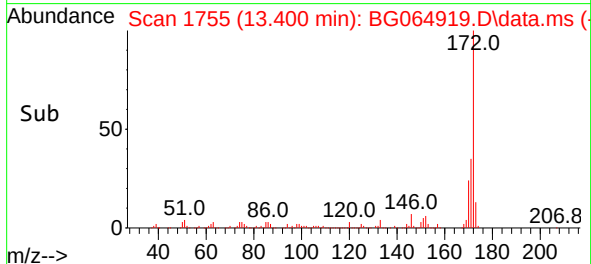
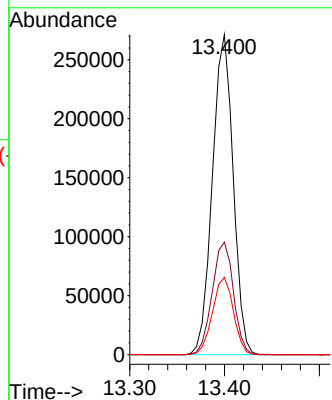
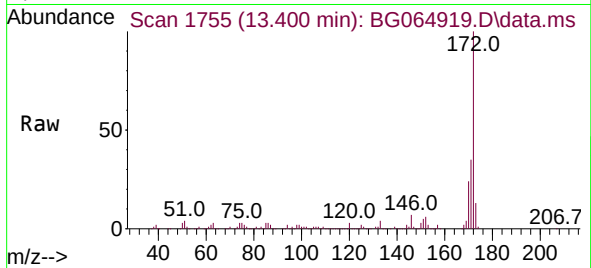




#45
2-Fluorobiphenyl
Concen: 78.918 ng
RT: 13.400 min Scan# 1756
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

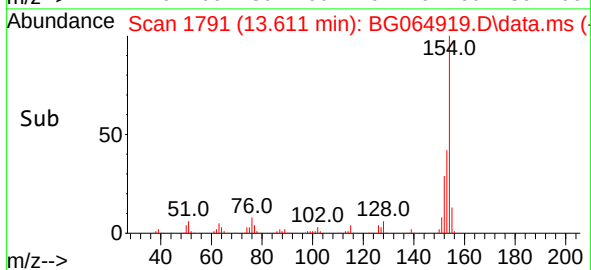
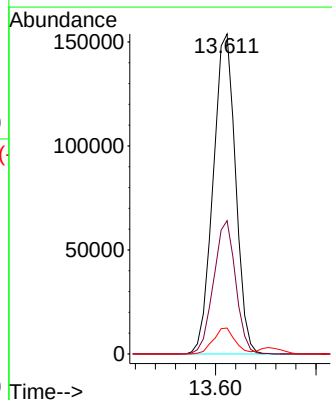
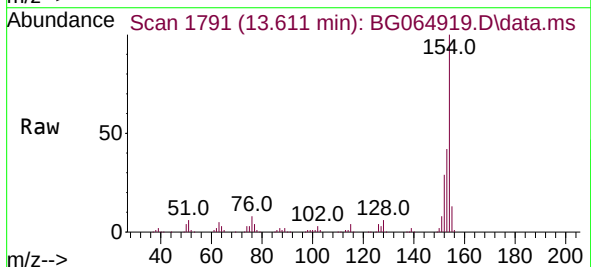
Instrument :
BNA_G
ClientSampleId :
PB170885BS

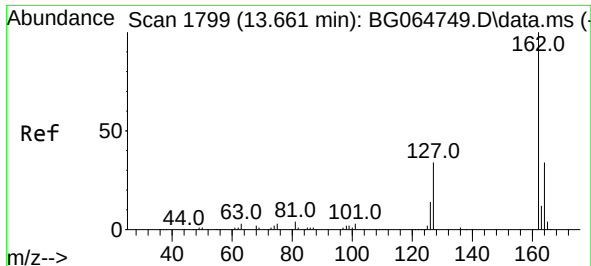
Tgt Ion:172 Resp: 412634
Ion Ratio Lower Upper
172 100
171 35.2 29.9 44.9
170 24.1 19.8 29.6



#46
1,1'-Biphenyl
Concen: 45.564 ng
RT: 13.611 min Scan# 1791
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion:154 Resp: 238759
Ion Ratio Lower Upper
154 100
153 41.6 19.8 59.8
76 8.1 0.0 30.0

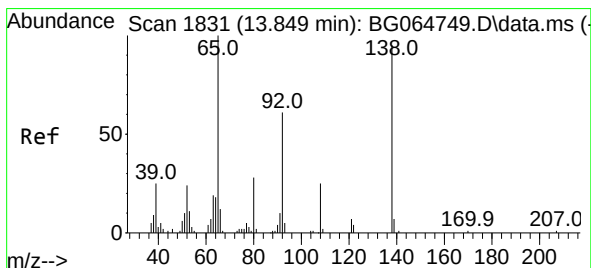
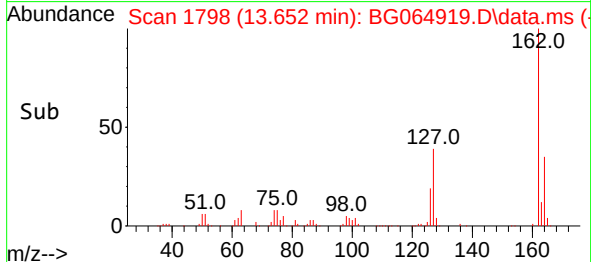
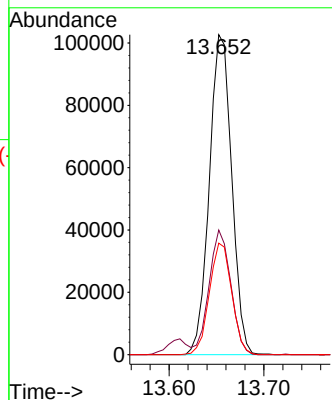
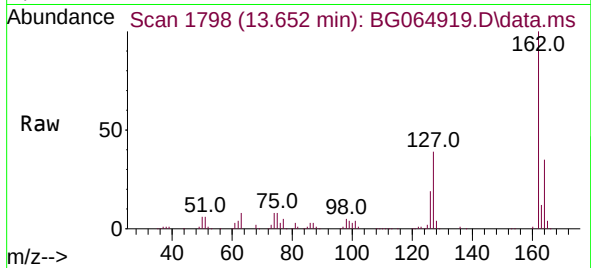




#47
2-Chloronaphthalene
Concen: 40.800 ng
RT: 13.652 min Scan# 1799
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

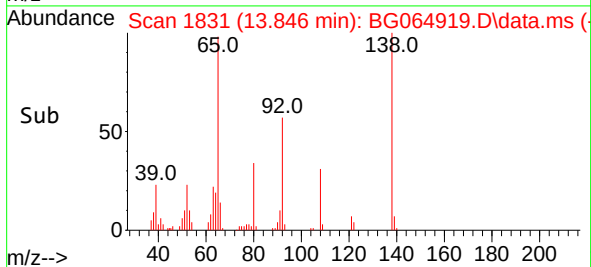
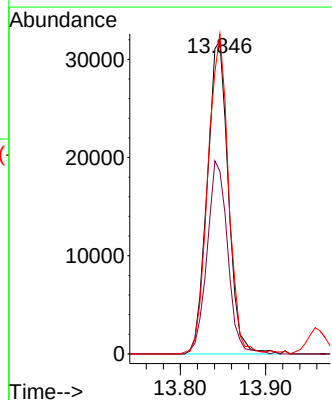
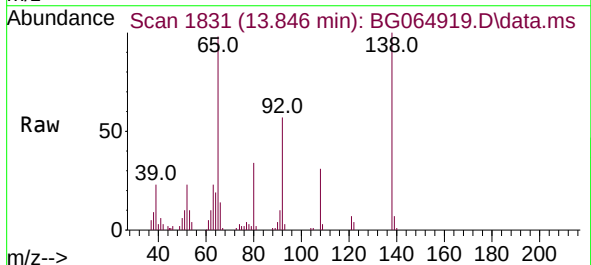
Instrument :
BNA_G
ClientSampleId :
PB170885BS

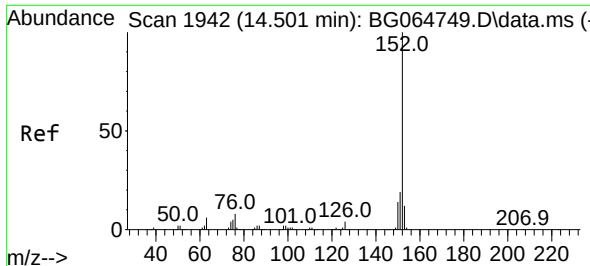
Tgt Ion:162 Resp: 168432
Ion Ratio Lower Upper
162 100
127 38.9 30.3 45.5
164 34.8 26.8 40.2



#48
2-Nitroaniline
Concen: 41.118 ng
RT: 13.846 min Scan# 1831
Delta R.T. -0.002 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion: 65 Resp: 54596
Ion Ratio Lower Upper
65 100
92 58.3 48.6 73.0
138 102.2 76.4 114.6

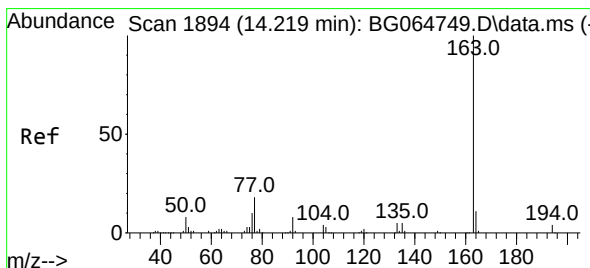
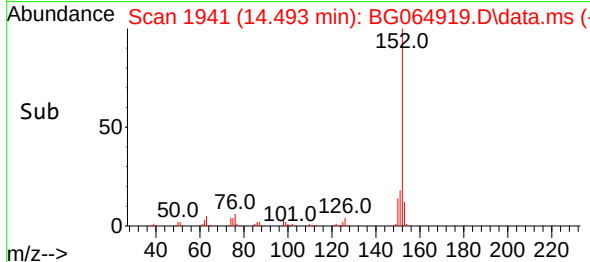
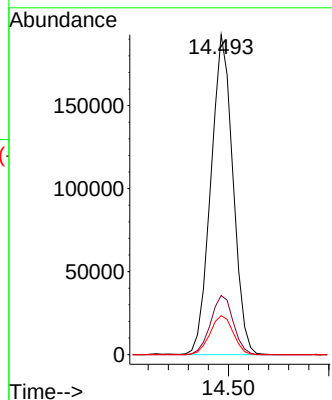
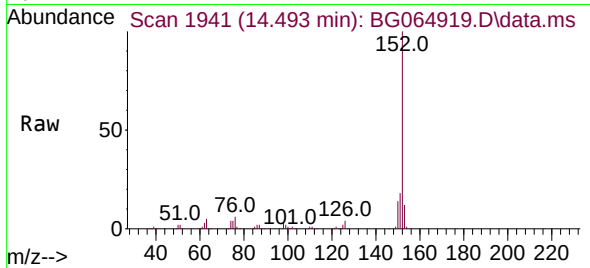




#49
Acenaphthylene
Concen: 41.775 ng
RT: 14.493 min Scan# 1942
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

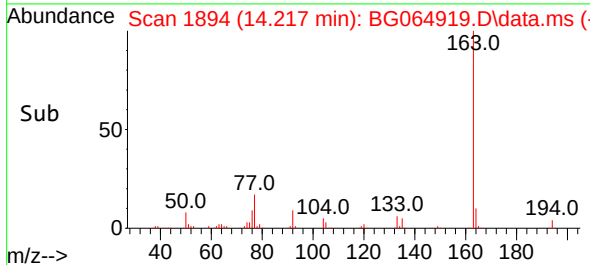
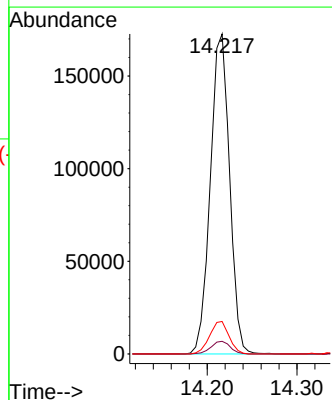
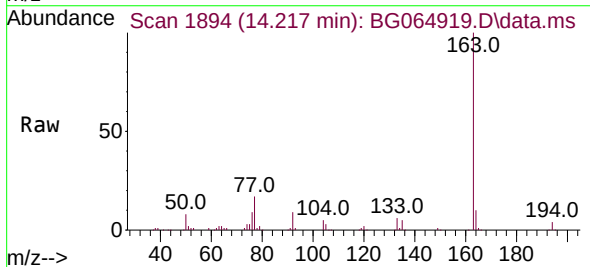
Instrument :
BNA_G
ClientSampleId :
PB170885BS

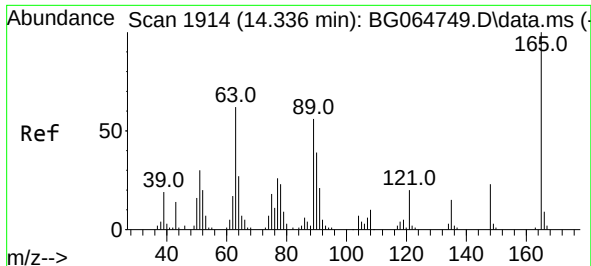
Tgt Ion:152 Resp: 294629
Ion Ratio Lower Upper
152 100
151 18.5 15.0 22.4
153 12.2 9.9 14.9



#50
Dimethylphthalate
Concen: 44.545 ng
RT: 14.217 min Scan# 1894
Delta R.T. -0.002 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion:163 Resp: 256718
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.1 8.6 12.8

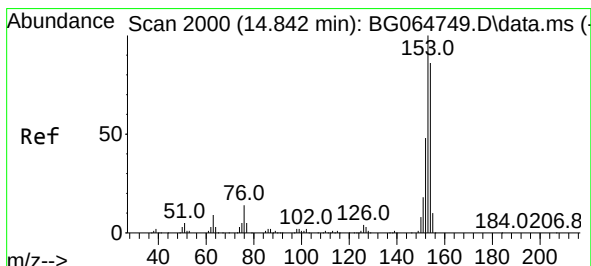
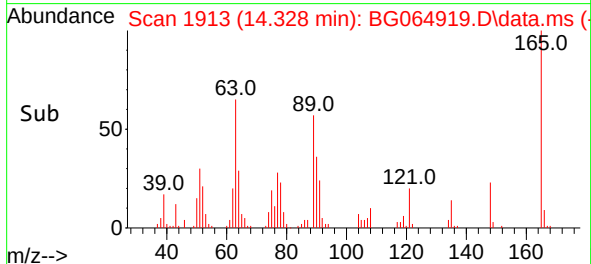
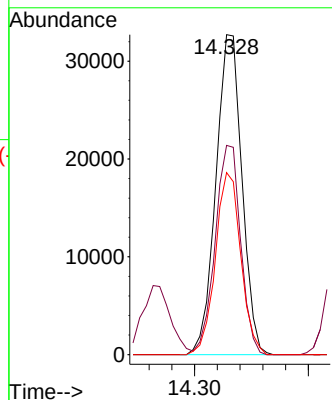
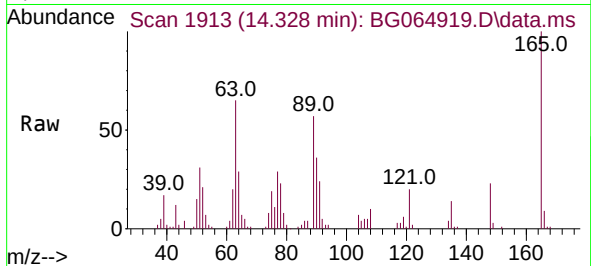




#51
2,6-Dinitrotoluene
Concen: 46.983 ng
RT: 14.328 min Scan# 1914
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

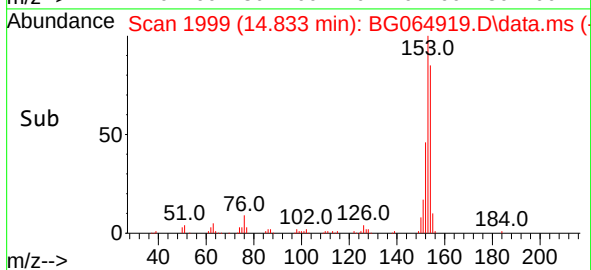
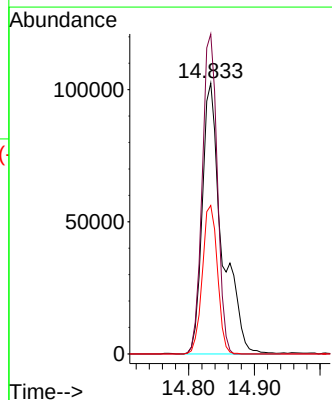
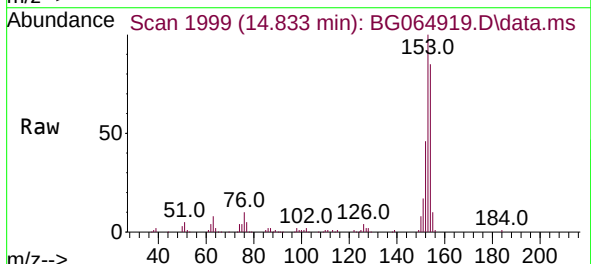
Instrument :
BNA_G
ClientSampleId :
PB170885BS

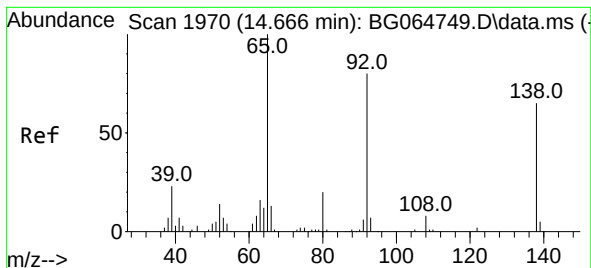
Tgt Ion:165 Resp: 52103
Ion Ratio Lower Upper
165 100
63 65.4 49.8 74.8
89 56.9 45.0 67.4



#52
Acenaphthene
Concen: 50.801 ng
RT: 14.833 min Scan# 1999
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion:154 Resp: 214822
Ion Ratio Lower Upper
154 100
153 118.2 93.0 139.4
152 54.8 44.4 66.6





#53

3-Nitroaniline

Concen: 32.771 ng

RT: 14.663 min Scan# 1970

Delta R.T. -0.002 min

Lab File: BG064919.D

Acq: 10 Dec 2025 13:39

Instrument :

BNA_G

ClientSampleId :

PB170885BS

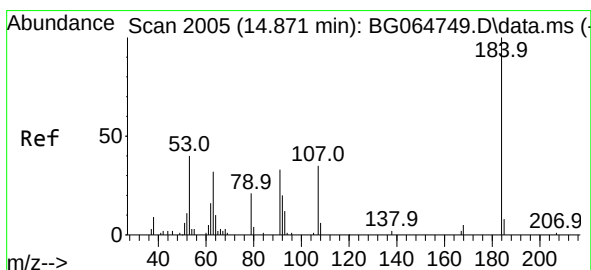
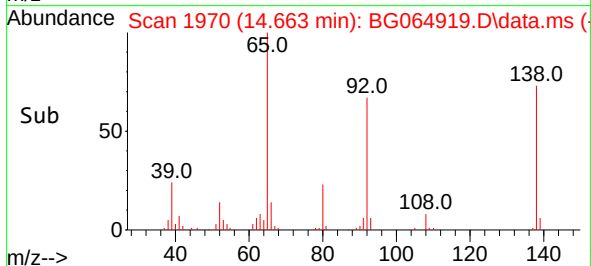
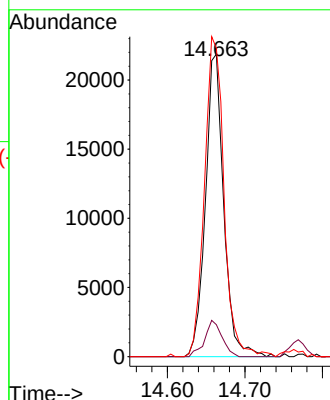
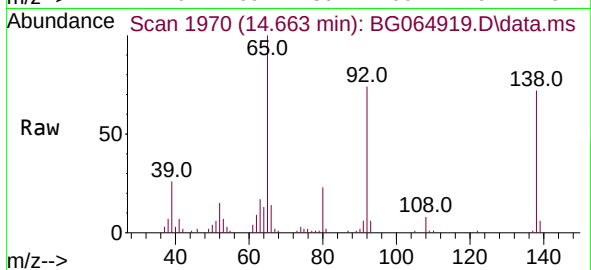
Tgt Ion:138 Resp: 35869

Ion Ratio Lower Upper

138 100

108 10.6 9.5 14.3

92 101.9 99.0 148.4



#54

2,4-Dinitrophenol

Concen: 99.514 ng

RT: 14.863 min Scan# 2004

Delta R.T. -0.008 min

Lab File: BG064919.D

Acq: 10 Dec 2025 13:39

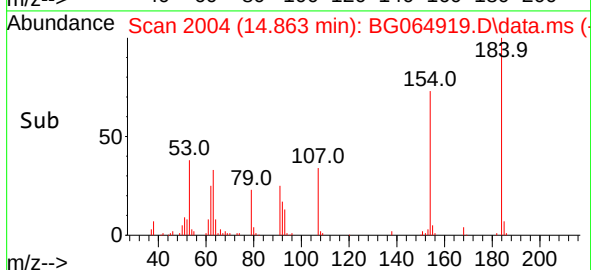
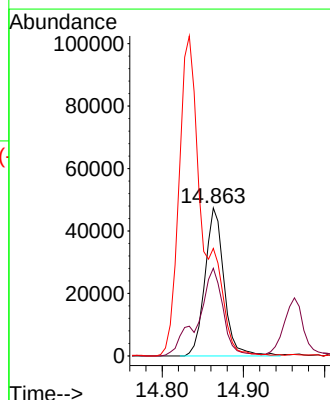
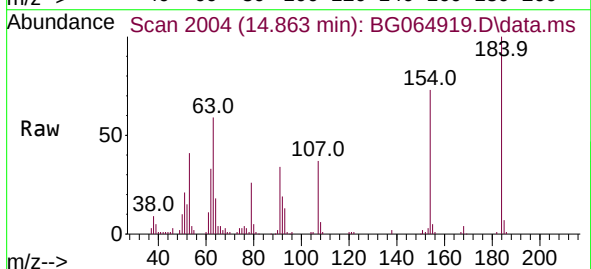
Tgt Ion:184 Resp: 77377

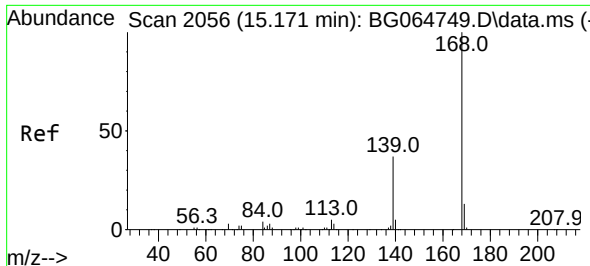
Ion Ratio Lower Upper

184 100

63 59.2 45.8 68.6

154 72.6 52.6 78.8

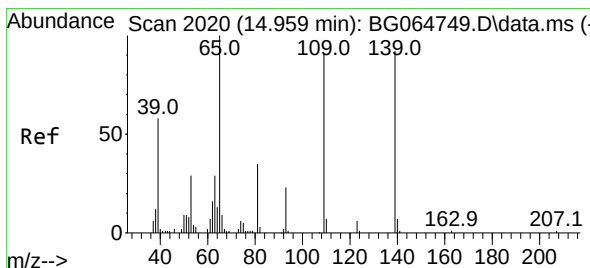
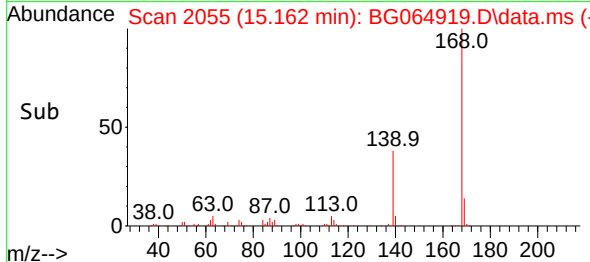
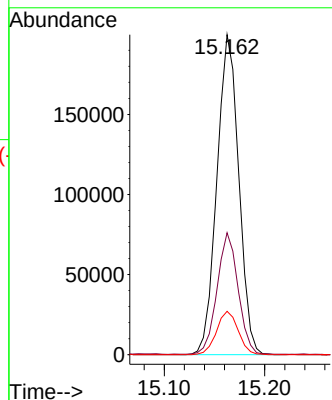
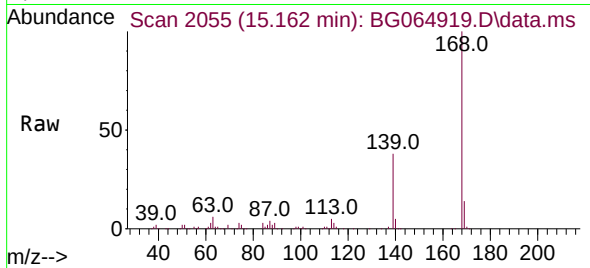




#55
Dibenzofuran
Concen: 43.338 ng
RT: 15.162 min Scan# 2055
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

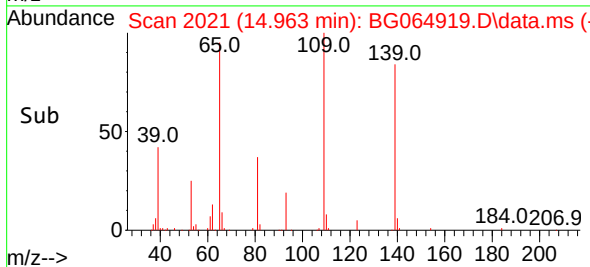
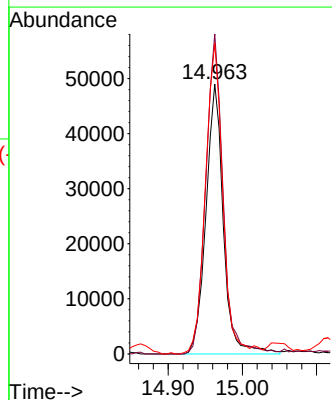
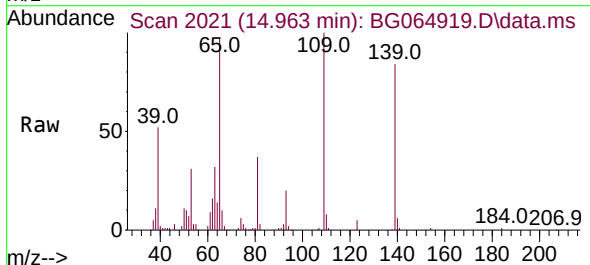
Instrument :
BNA_G
ClientSampleId :
PB170885BS

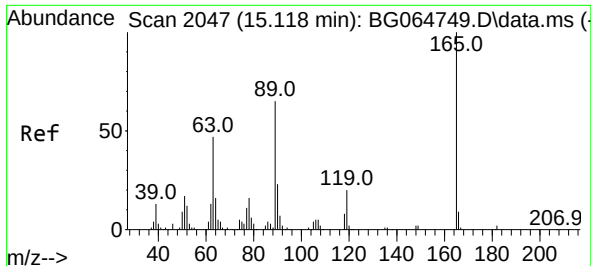
Tgt Ion:168 Resp: 302974
Ion Ratio Lower Upper
168 100
139 38.1 29.5 44.3
169 13.5 10.4 15.6



#56
4-Nitrophenol
Concen: 91.826 ng
RT: 14.963 min Scan# 2021
Delta R.T. 0.003 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion:139 Resp: 79742
Ion Ratio Lower Upper
139 100
109 118.6 79.7 119.7
65 115.2 89.9 129.9

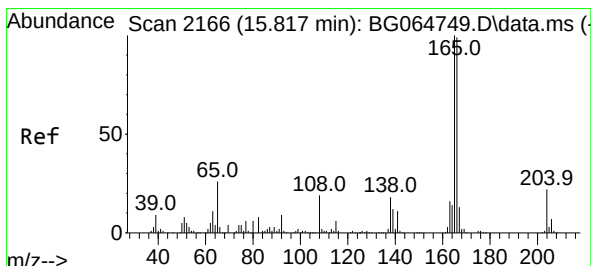
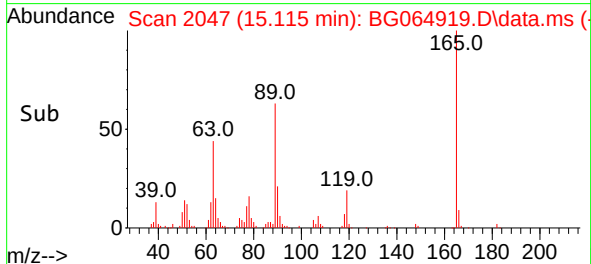
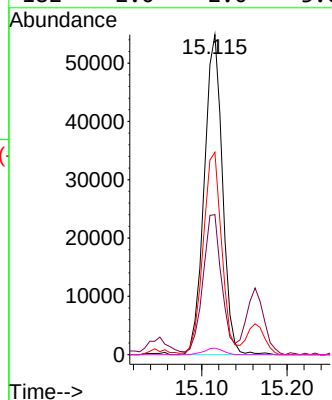
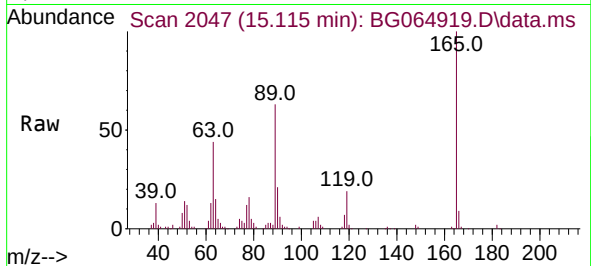




#57
2,4-Dinitrotoluene
Concen: 48.844 ng
RT: 15.115 min Scan# 2047
Delta R.T. -0.002 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

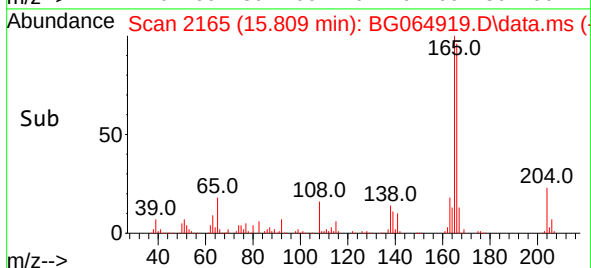
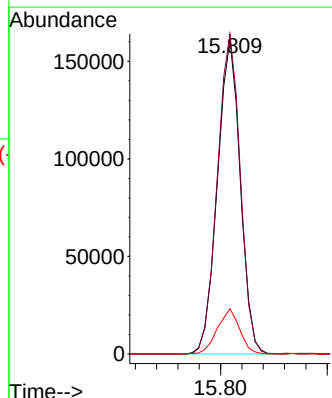
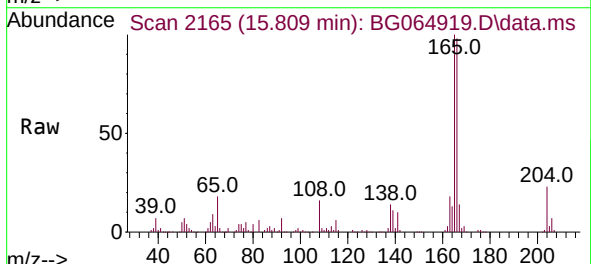
Instrument :
BNA_G
ClientSampleId :
PB170885BS

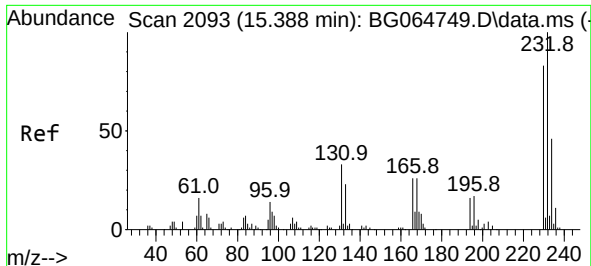
Tgt Ion:165	Resp:	81206	
Ion	Ratio	Lower	Upper
165	100		
63	43.7	37.8	56.6
89	63.2	51.6	77.4
182	2.0	2.0	3.0



#58
Fluorene
Concen: 43.716 ng
RT: 15.809 min Scan# 2165
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion:166	Resp:	239699	
Ion	Ratio	Lower	Upper
166	100		
165	101.7	80.5	120.7
167	14.3	10.3	15.5

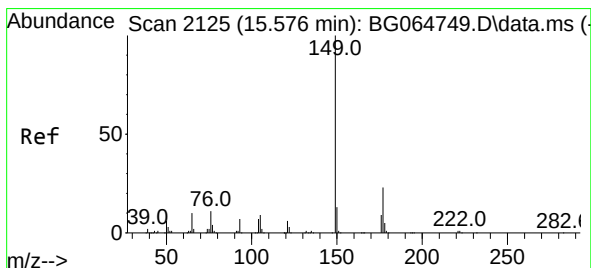
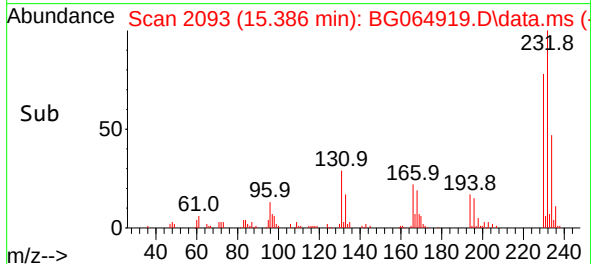
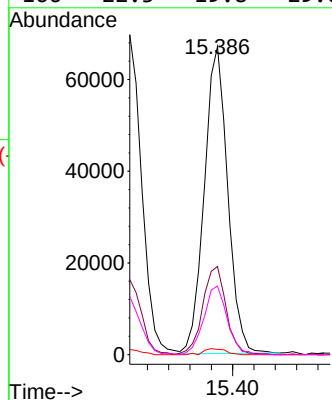
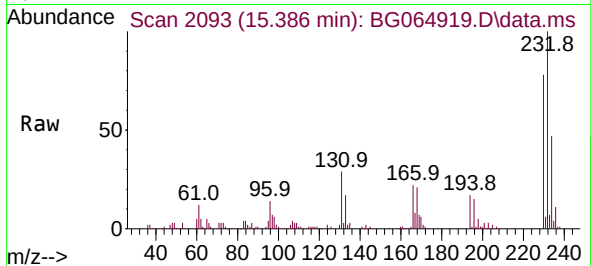




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.272 ng
RT: 15.386 min Scan# 2093
Delta R.T. -0.002 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

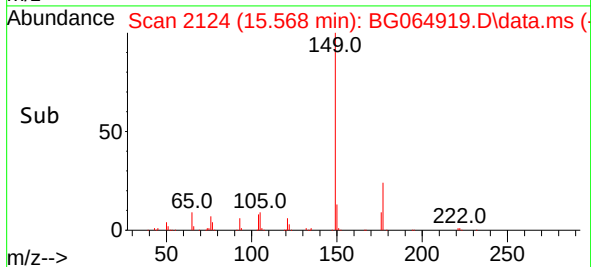
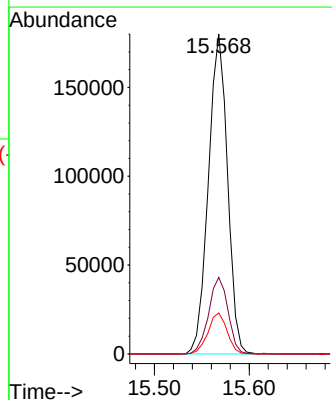
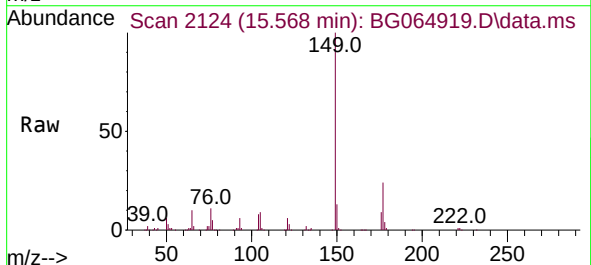
Instrument :
BNA_G
ClientSampleId :
PB170885BS

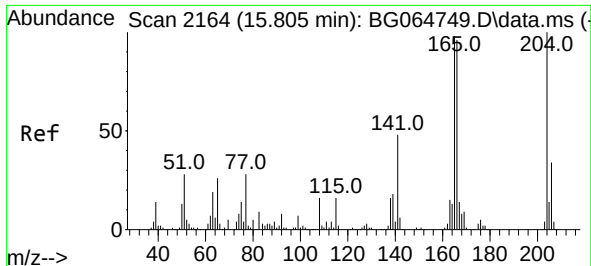
Tgt Ion:232	Resp:	101924
Ion Ratio	Lower	Upper
232	100	
131	28.7	26.0 39.0
130	1.8	1.6 2.4
166	22.3	19.8 29.6



#60
Diethylphthalate
Concen: 45.630 ng
RT: 15.568 min Scan# 2124
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion:149	Resp:	251914
Ion Ratio	Lower	Upper
149	100	
177	23.9	18.4 27.6
150	12.8	10.1 15.1

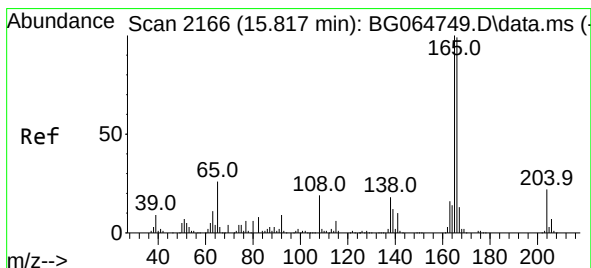
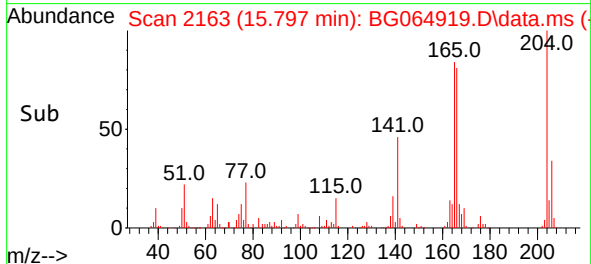
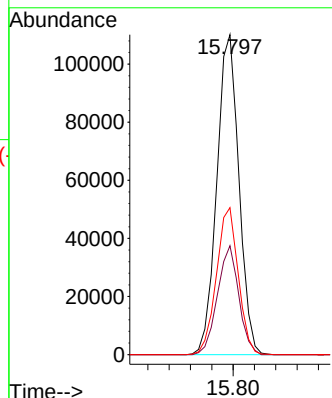
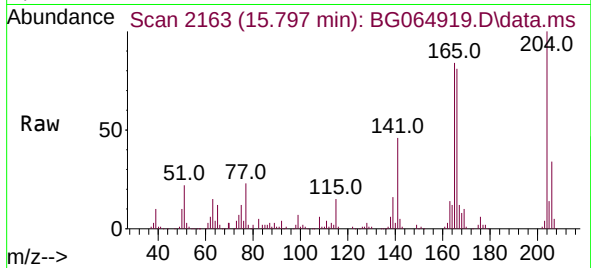




#61
4-Chlorophenyl-phenylether
Concen: 48.187 ng
RT: 15.797 min Scan# 2163
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

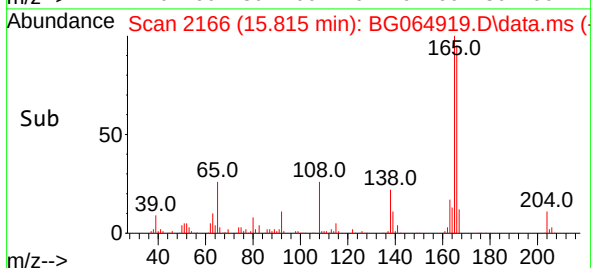
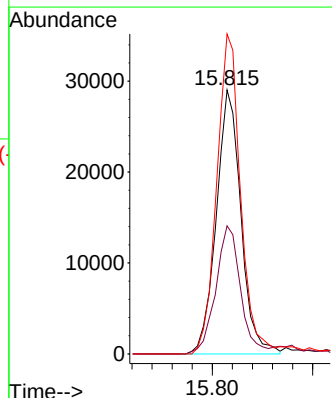
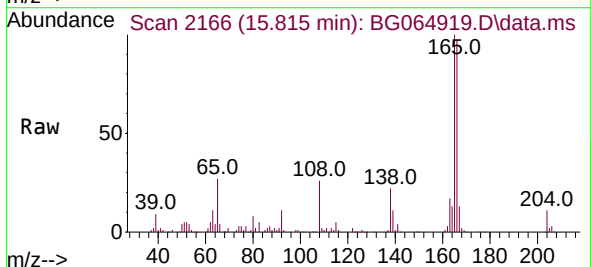
Instrument :
BNA_G
ClientSampleId :
PB170885BS

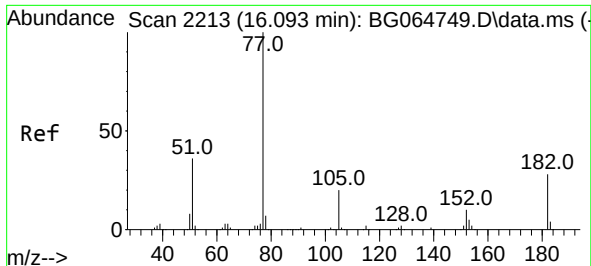
Tgt Ion:204 Resp: 158565
Ion Ratio Lower Upper
204 100
206 34.0 26.9 40.3
141 45.9 38.1 57.1



#62
4-Nitroaniline
Concen: 43.703 ng
RT: 15.815 min Scan# 2166
Delta R.T. -0.002 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion:138 Resp: 49555
Ion Ratio Lower Upper
138 100
92 48.5 30.7 70.7
108 121.2 85.7 125.7

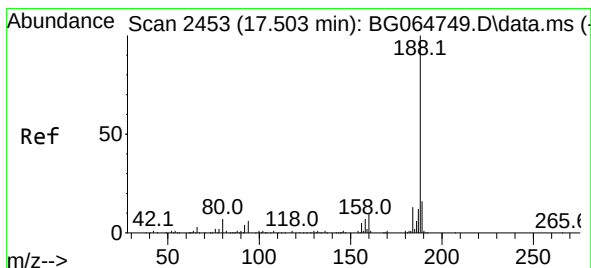
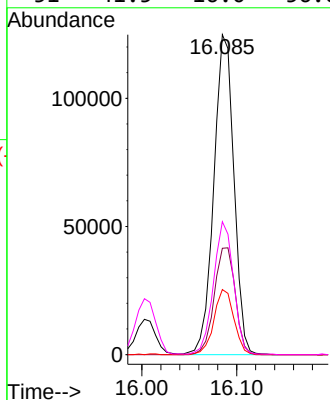
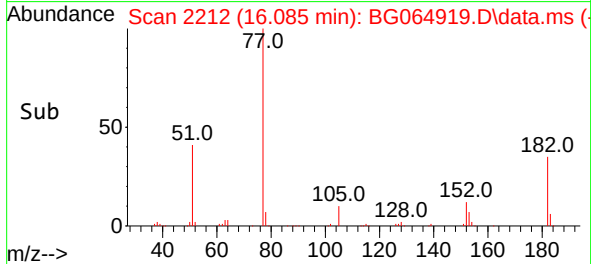
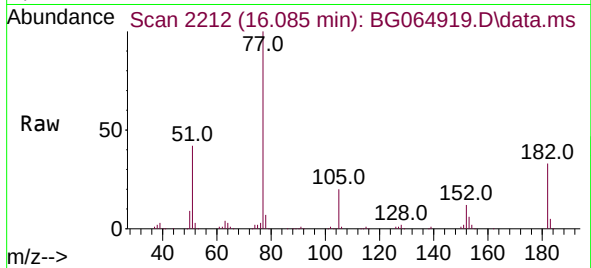




#63
Azobenzene
Concen: 40.073 ng
RT: 16.085 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

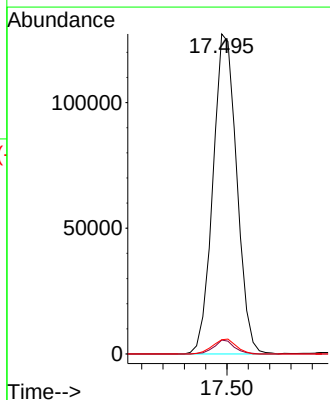
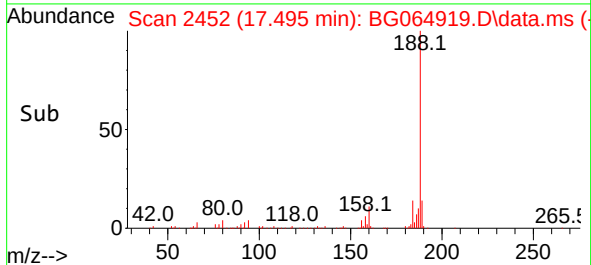
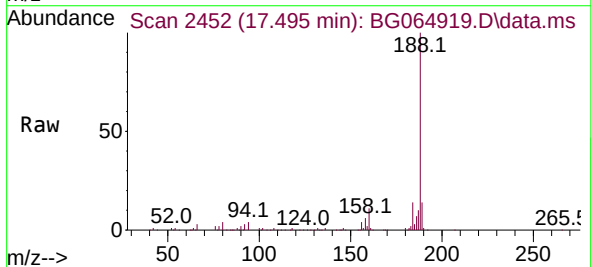
Instrument :
BNA_G
ClientSampleId :
PB170885BS

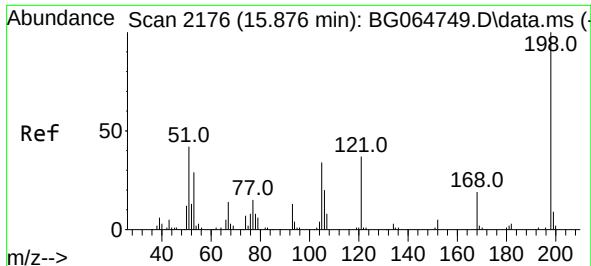
Tgt Ion: 77	Resp: 184013
Ion Ratio	Lower Upper
77 100	
182 33.3	8.1 48.1
105 20.4	0.1 40.1
51 41.5	16.0 56.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.495 min Scan# 2452
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion: 188	Resp: 198004
Ion Ratio	Lower Upper
188 100	
94 4.3	4.7 7.1#
80 4.4	5.4 8.2#

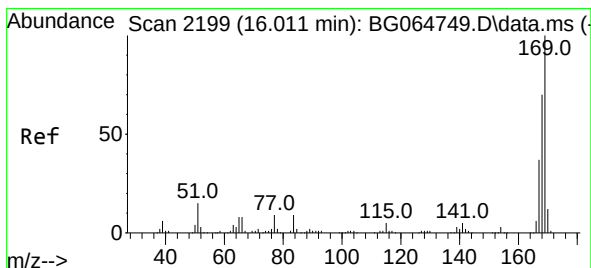
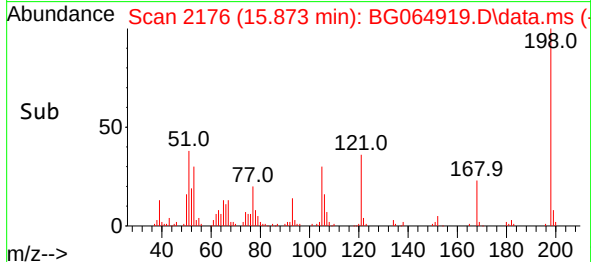
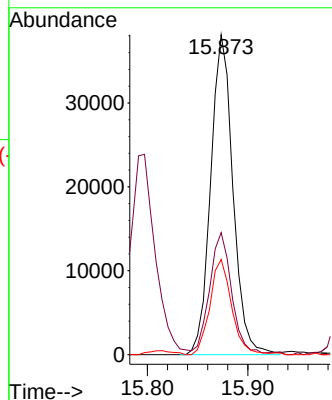
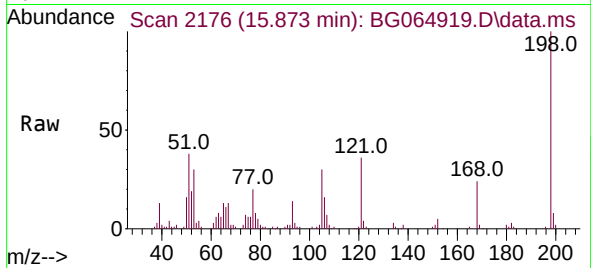




#65
4,6-Dinitro-2-methylphenol
Concen: 53.554 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.002 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

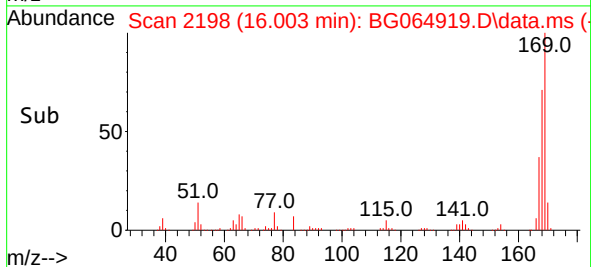
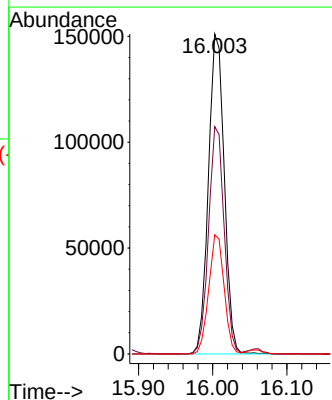
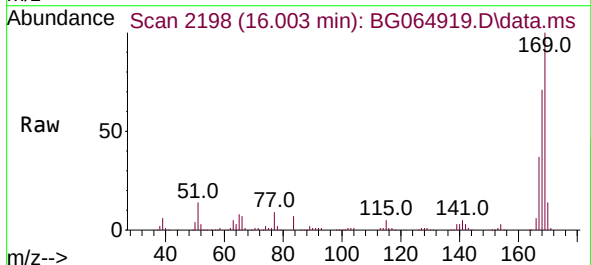
Instrument :
BNA_G
ClientSampleId :
PB170885BS

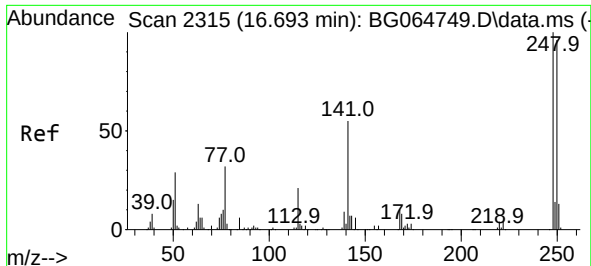
Tgt Ion:198 Resp: 58875
Ion Ratio Lower Upper
198 100
51 38.1 25.2 65.2
105 29.7 14.2 54.2



#66
n-Nitrosodiphenylamine
Concen: 43.233 ng
RT: 16.003 min Scan# 2198
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion:169 Resp: 224225
Ion Ratio Lower Upper
169 100
168 71.0 55.9 83.9
167 37.2 29.8 44.6

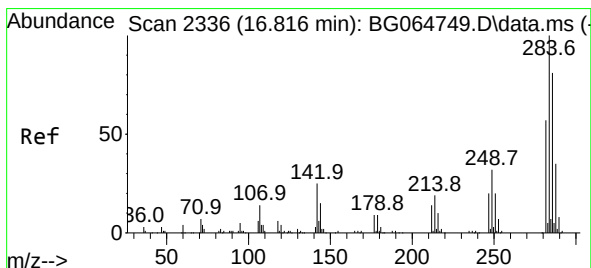
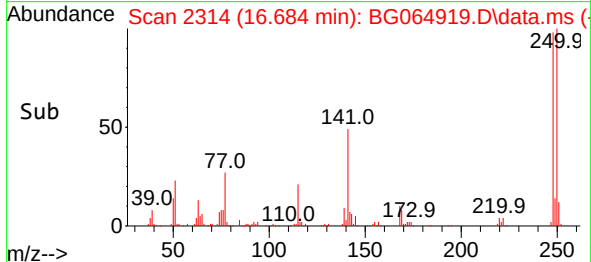
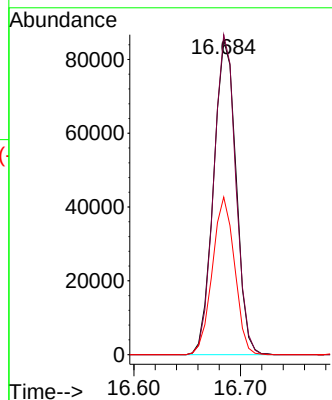
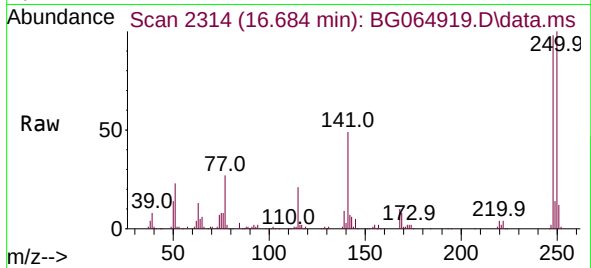




#67
4-Bromophenyl-phenylether
Concen: 48.233 ng
RT: 16.684 min Scan# 2314
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

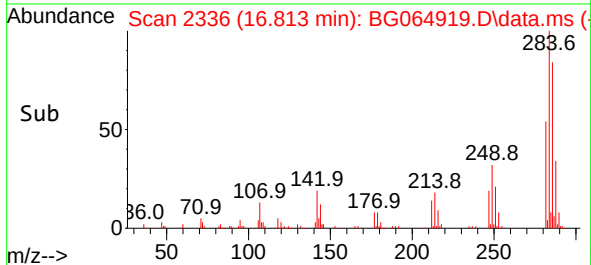
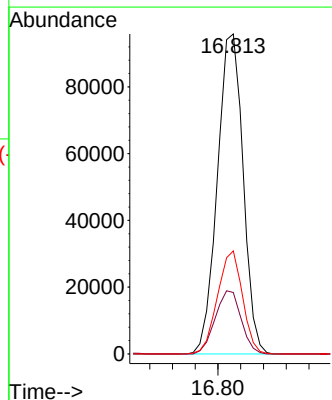
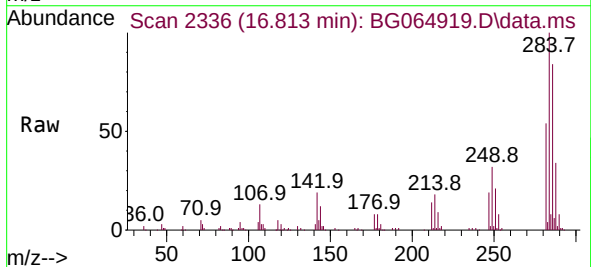
Instrument :
BNA_G
ClientSampleId :
PB170885BS

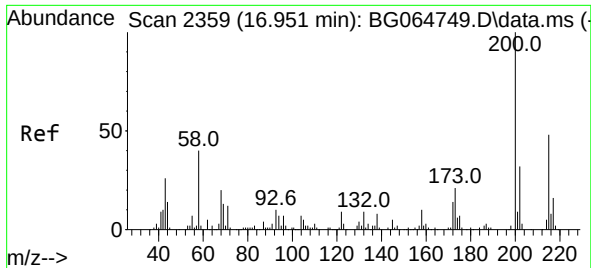
Tgt Ion:248 Resp: 125416
Ion Ratio Lower Upper
248 100
250 101.6 77.0 115.6
141 50.0 43.7 65.5



#68
Hexachlorobenzene
Concen: 47.704 ng
RT: 16.813 min Scan# 2336
Delta R.T. -0.002 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion:284 Resp: 150283
Ion Ratio Lower Upper
284 100
142 19.2 19.7 29.5#
249 32.2 28.1 42.1

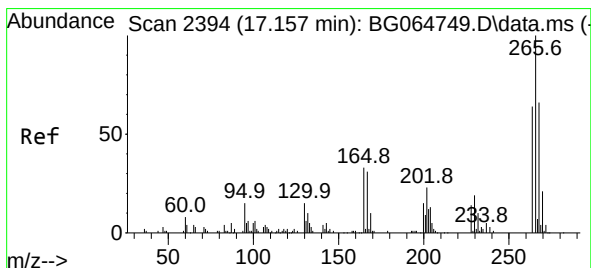
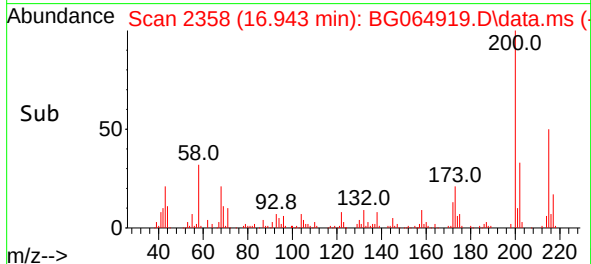
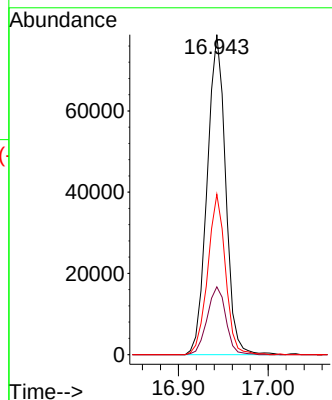
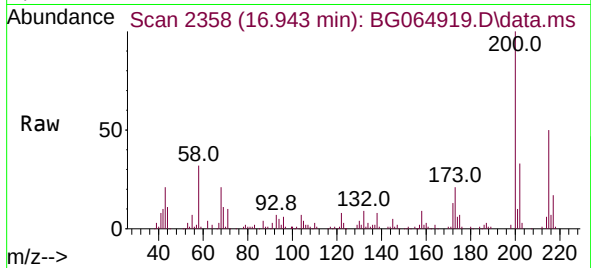




#69
Atrazine
Concen: 44.958 ng
RT: 16.943 min Scan# 2358
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

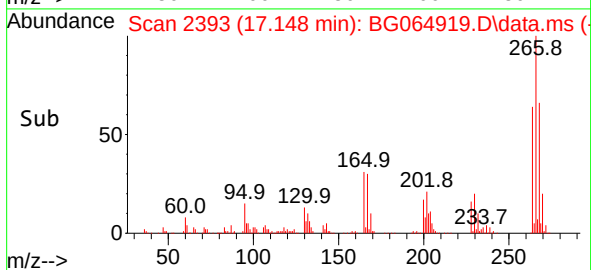
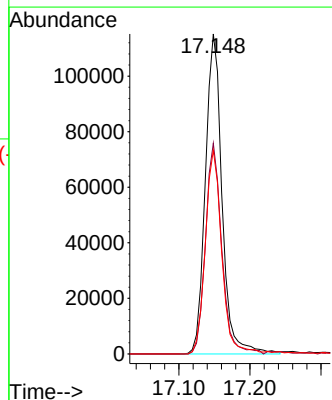
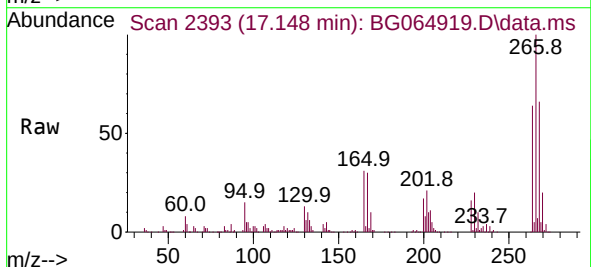
Instrument :
BNA_G
ClientSampleId :
PB170885BS

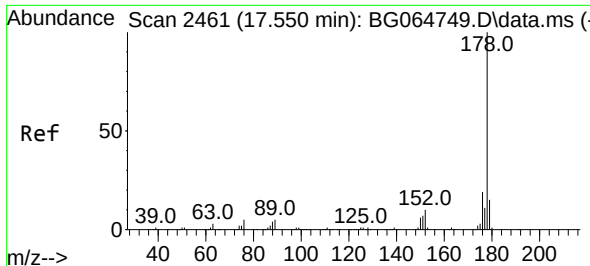
Tgt Ion:200 Resp: 112419
Ion Ratio Lower Upper
200 100
173 21.2 0.9 40.9
215 50.1 27.5 67.5



#70
Pentachlorophenol
Concen: 98.984 ng
RT: 17.148 min Scan# 2393
Delta R.T. -0.009 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion:266 Resp: 187476
Ion Ratio Lower Upper
266 100
268 70.6 56.1 84.1
264 63.6 51.2 76.8

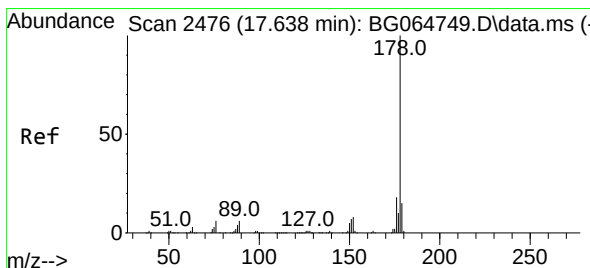
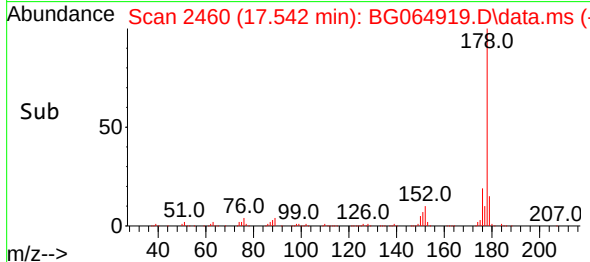
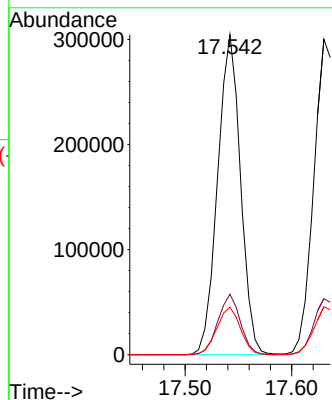
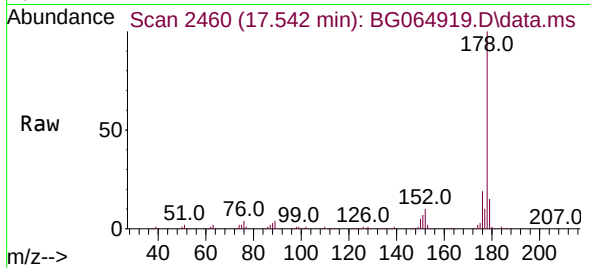




#71
Phenanthrene
Concen: 41.955 ng
RT: 17.542 min Scan# 2461
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

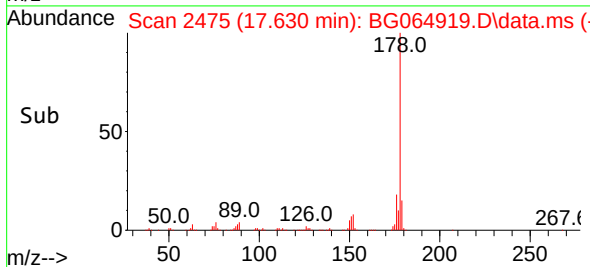
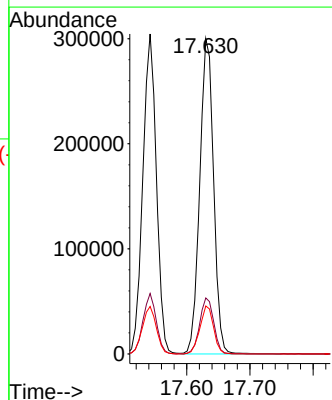
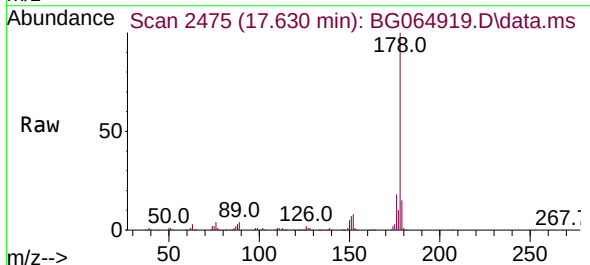
Instrument :
BNA_G
ClientSampleId :
PB170885BS

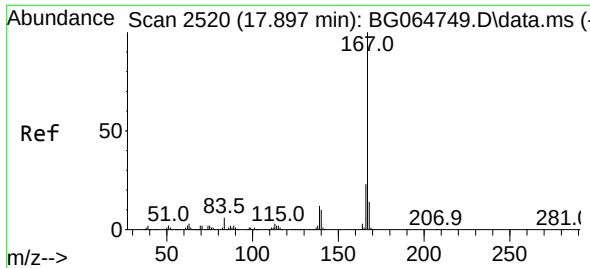
Tgt Ion:178 Resp: 454522
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 14.8 12.2 18.4



#72
Anthracene
Concen: 41.339 ng
RT: 17.630 min Scan# 2475
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion:178 Resp: 456659
Ion Ratio Lower Upper
178 100
176 17.7 14.5 21.7
179 15.2 12.2 18.4

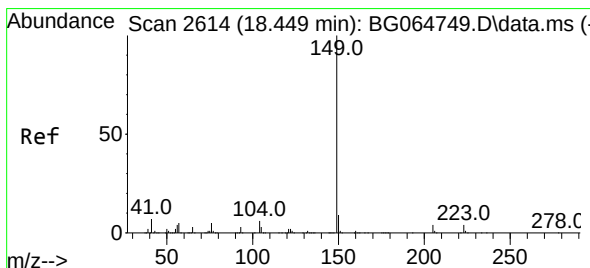
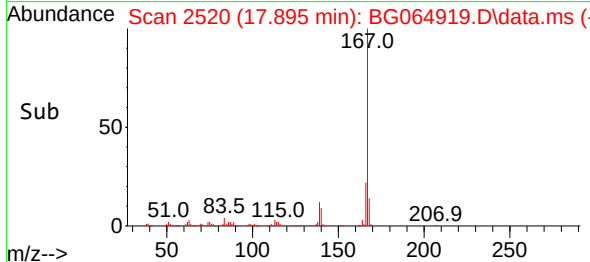
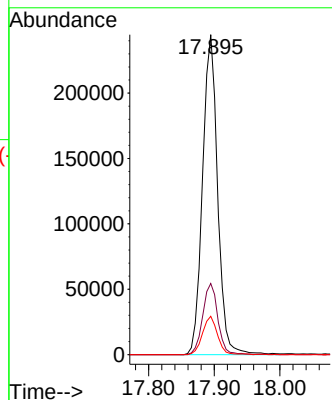
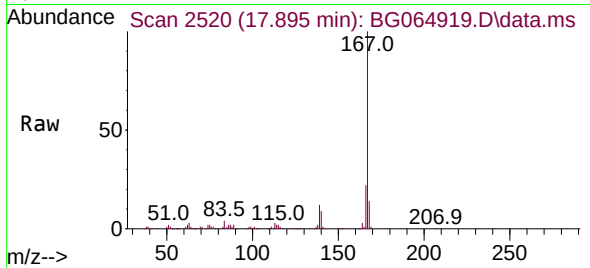




#73
 Carbazole
 Concen: 40.961 ng
 RT: 17.895 min Scan# 2520
 Delta R.T. -0.002 min
 Lab File: BG064919.D
 Acq: 10 Dec 2025 13:39

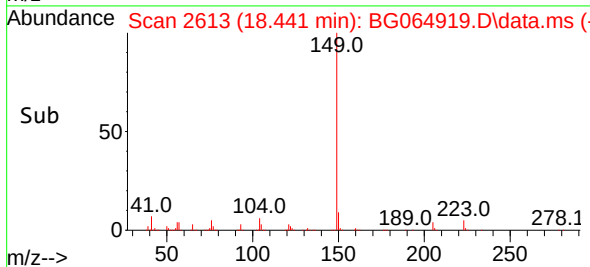
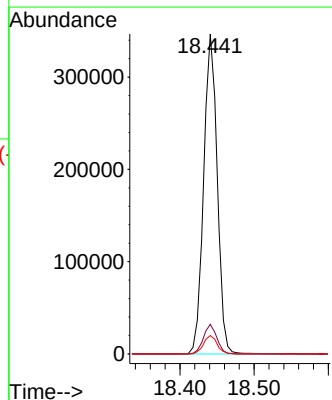
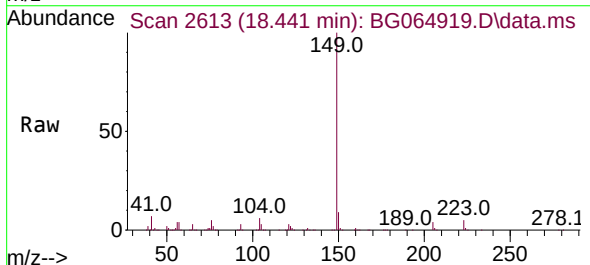
Instrument :
 BNA_G
 ClientSampleId :
 PB170885BS

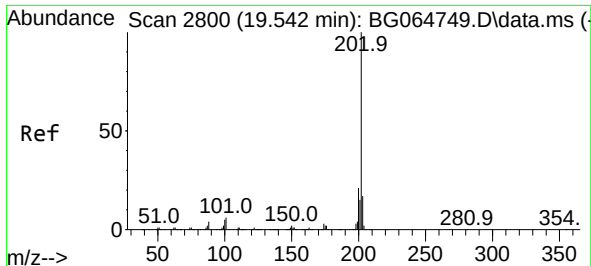
Tgt Ion:167 Resp: 388980
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.0 27.0
 139 12.0 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 41.465 ng
 RT: 18.441 min Scan# 2613
 Delta R.T. -0.008 min
 Lab File: BG064919.D
 Acq: 10 Dec 2025 13:39

Tgt Ion:149 Resp: 439304
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.7 4.4 6.6

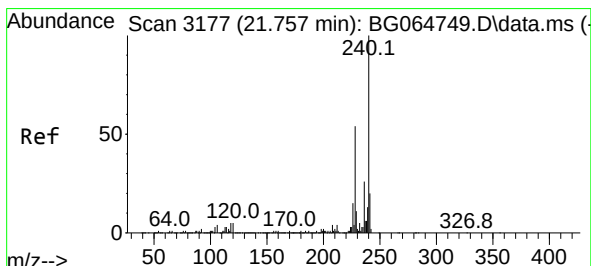
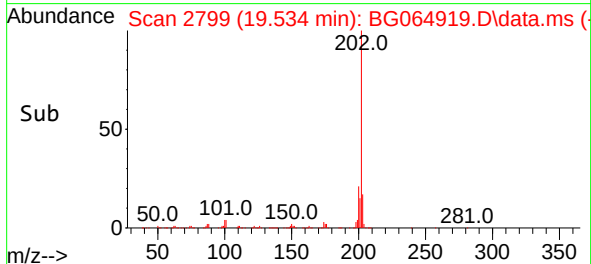
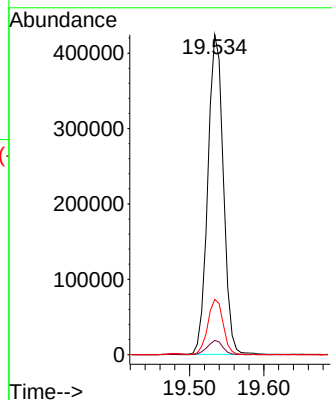
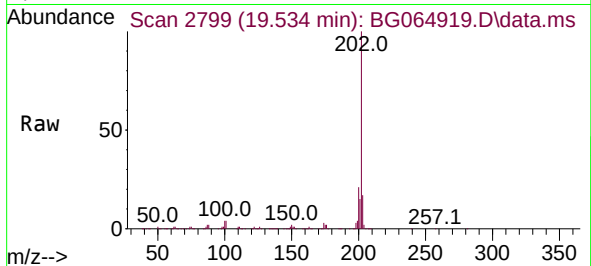




#75
Fluoranthene
Concen: 41.453 ng
RT: 19.534 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

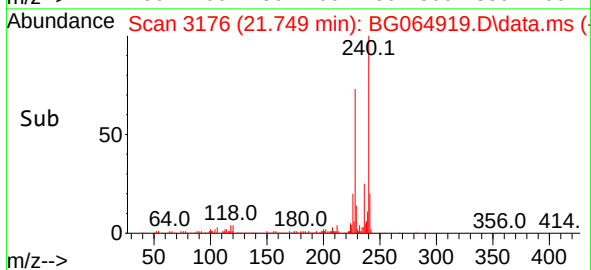
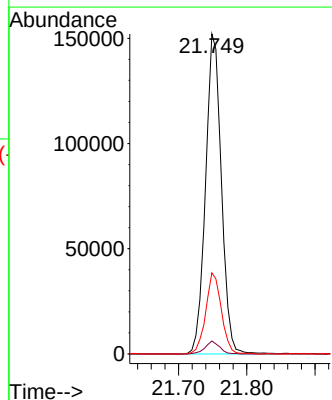
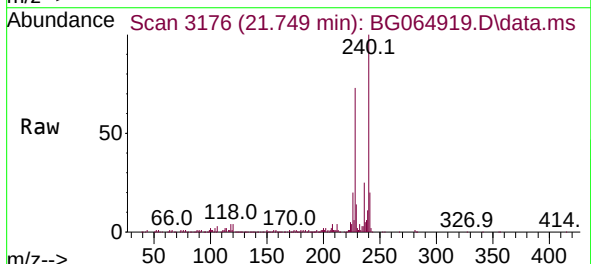
Instrument :
BNA_G
ClientSampleId :
PB170885BS

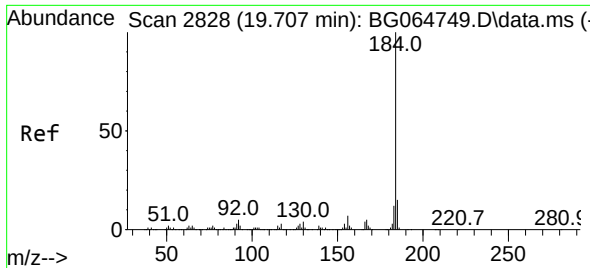
Tgt Ion:202 Resp: 614094
Ion Ratio Lower Upper
202 100
101 4.4 0.0 26.4
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.749 min Scan# 3176
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion:240 Resp: 245154
Ion Ratio Lower Upper
240 100
120 4.0 4.2 6.4#
236 25.3 20.8 31.2

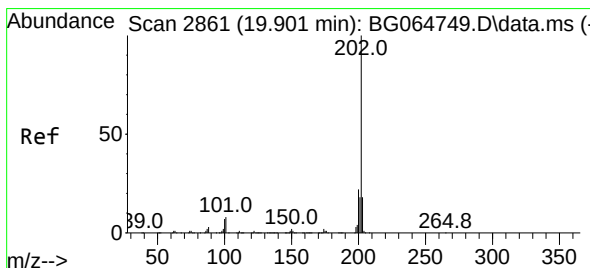
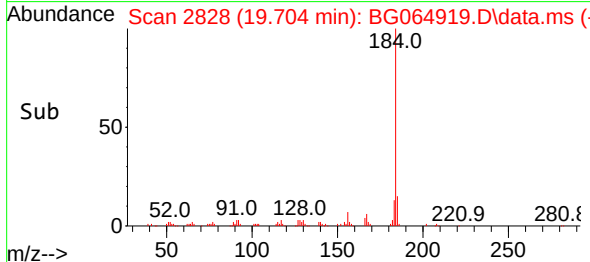
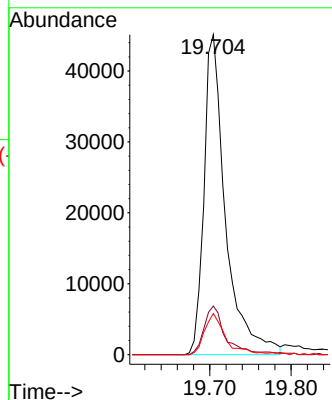
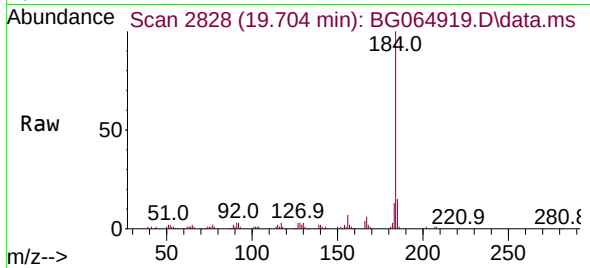




#77
Benzidine
Concen: 11.332 ng
RT: 19.704 min Scan# 2828
Delta R.T. -0.002 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

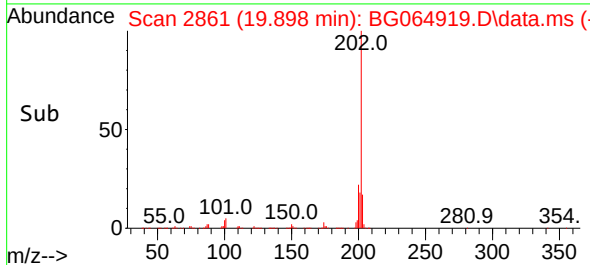
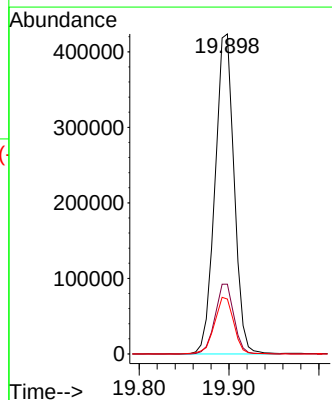
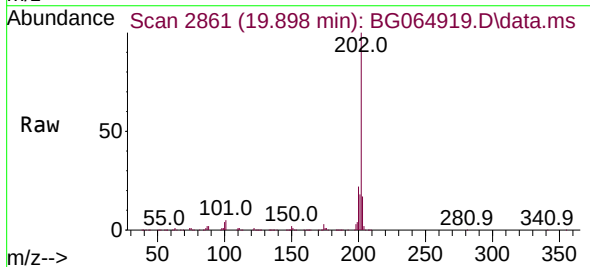
Instrument :
BNA_G
ClientSampleId :
PB170885BS

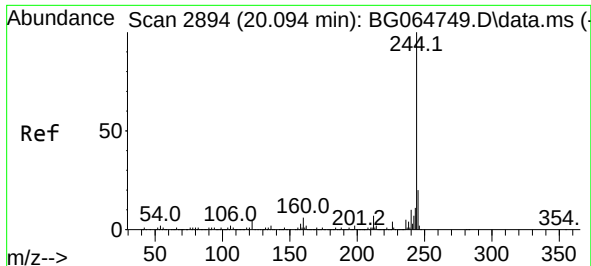
Tgt Ion:184 Resp: 83199
Ion Ratio Lower Upper
184 100
185 15.2 11.8 17.6
183 12.8 9.8 14.6



#78
Pyrene
Concen: 45.667 ng
RT: 19.898 min Scan# 2861
Delta R.T. -0.002 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion:202 Resp: 627453
Ion Ratio Lower Upper
202 100
200 21.8 17.9 26.9
203 17.1 14.0 21.0

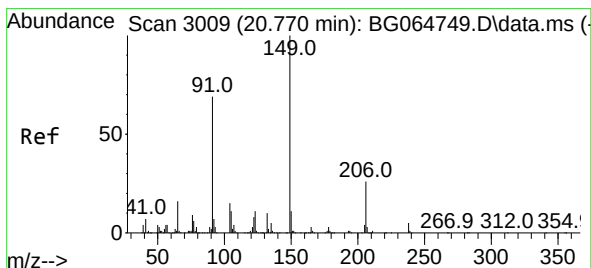
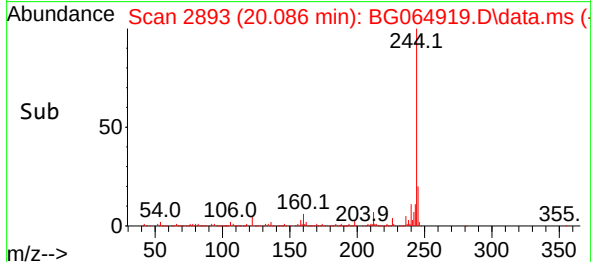
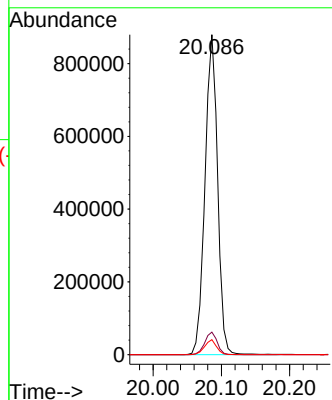
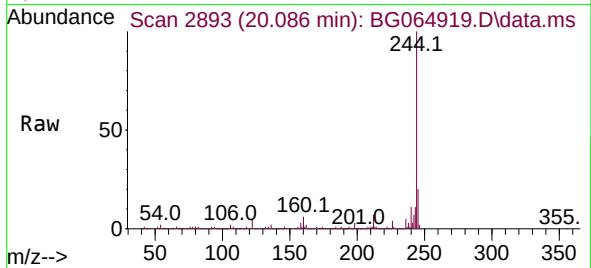




#79
 Terphenyl-d14
 Concen: 90.408 ng
 RT: 20.086 min Scan# 2893
 Delta R.T. -0.008 min
 Lab File: BG064919.D
 Acq: 10 Dec 2025 13:39

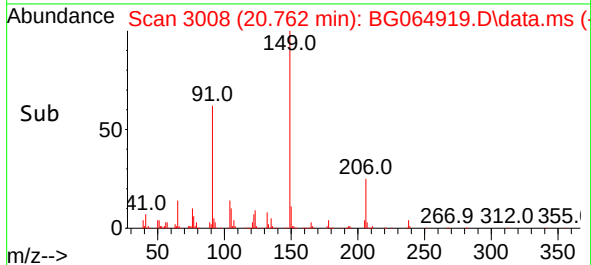
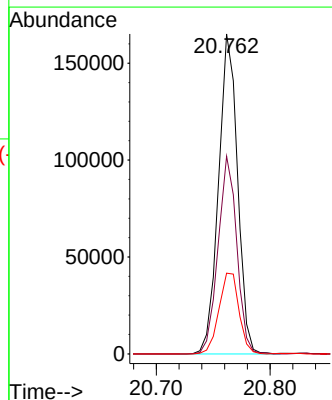
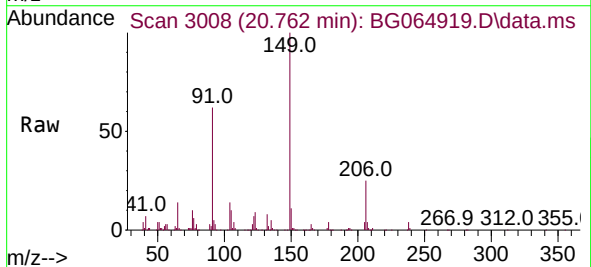
Instrument :
 BNA_G
 ClientSampleId :
 PB170885BS

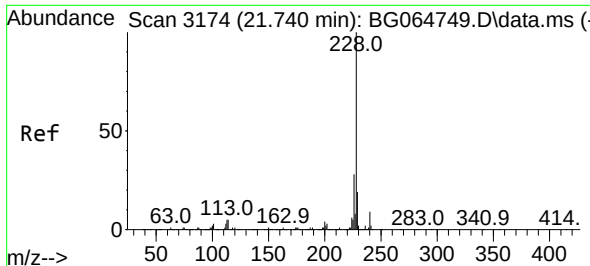
Tgt Ion:244 Resp: 1126728
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 4.7 4.3 6.5



#80
 Butylbenzylphthalate
 Concen: 39.589 ng
 RT: 20.762 min Scan# 3008
 Delta R.T. -0.008 min
 Lab File: BG064919.D
 Acq: 10 Dec 2025 13:39

Tgt Ion:149 Resp: 191327
 Ion Ratio Lower Upper
 149 100
 91 61.8 54.9 82.3
 206 25.2 21.2 31.8

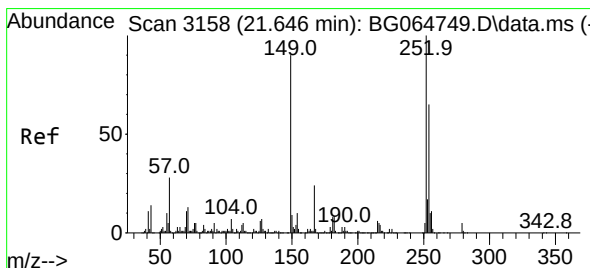
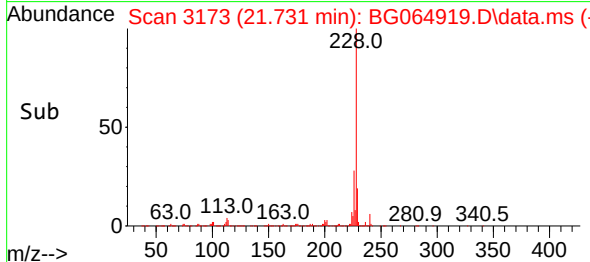
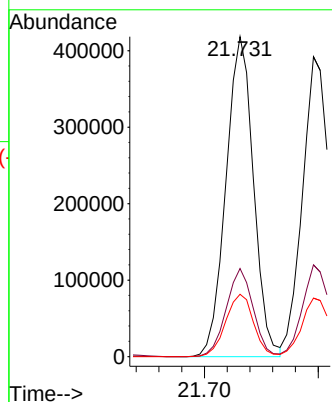
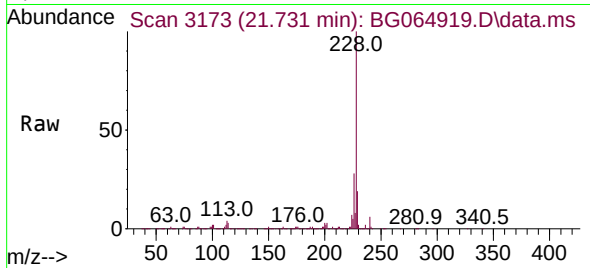




#81
Benzo(a)anthracene
Concen: 42.232 ng
RT: 21.731 min Scan# 3173
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

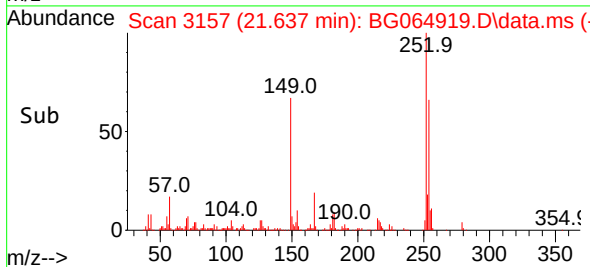
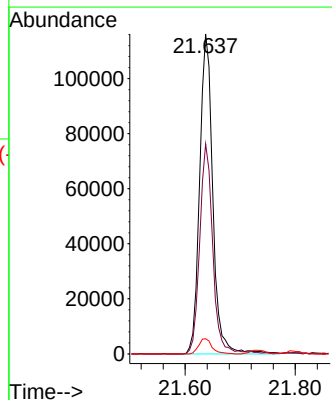
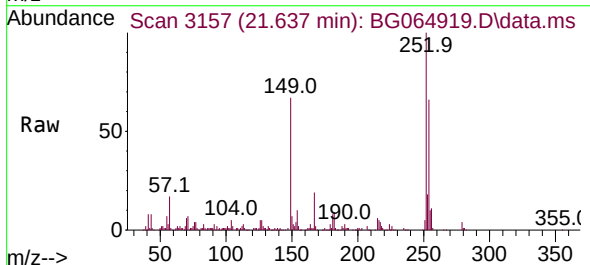
Instrument :
BNA_G
ClientSampleId :
PB170885BS

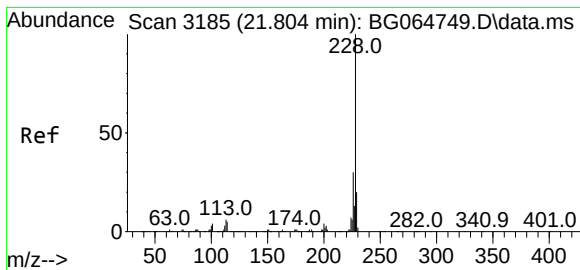
Tgt Ion:228 Resp: 703982
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 19.5 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 31.402 ng
RT: 21.637 min Scan# 3157
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion:252 Resp: 192667
Ion Ratio Lower Upper
252 100
254 65.6 51.8 77.8
126 4.7 4.7 7.1





#83

Chrysene

Concen: 41.301 ng

RT: 21.796 min Scan# 3184

Delta R.T. -0.008 min

Lab File: BG064919.D

Acq: 10 Dec 2025 13:39

Instrument :

BNA_G

ClientSampleId :

PB170885BS

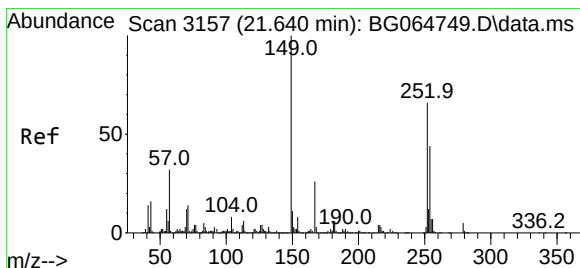
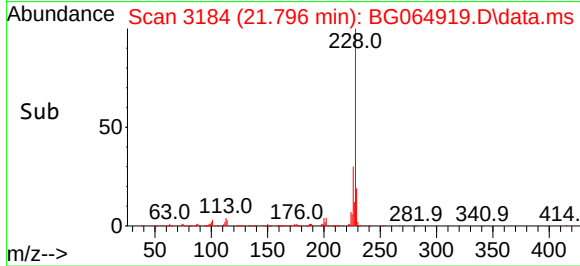
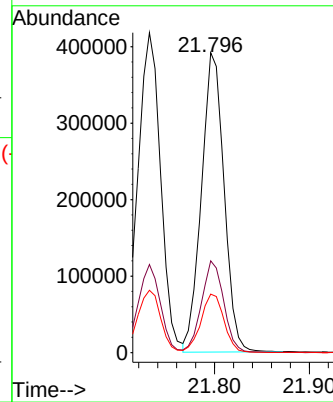
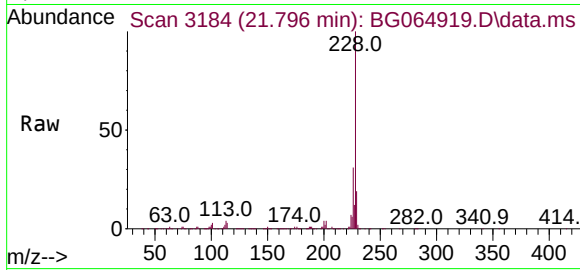
Tgt Ion:228 Resp: 649066

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.2

229 19.5 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.661 ng

RT: 21.625 min Scan# 3155

Delta R.T. -0.014 min

Lab File: BG064919.D

Acq: 10 Dec 2025 13:39

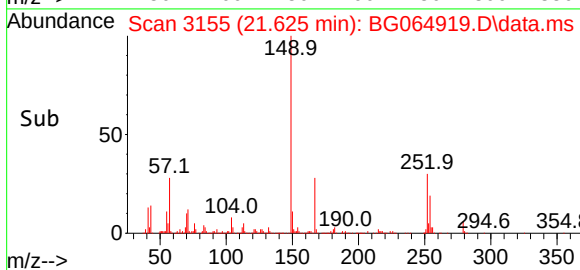
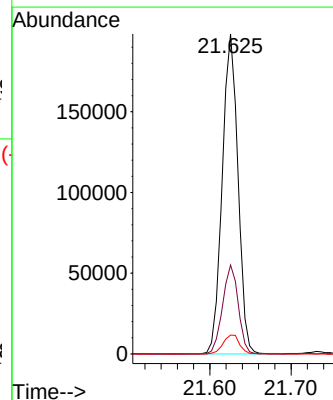
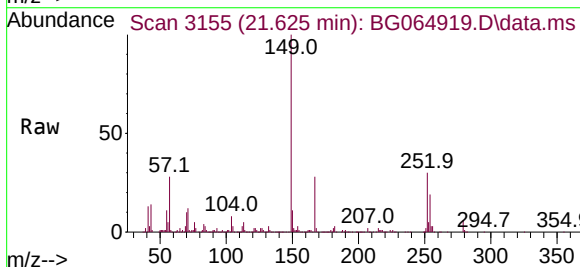
Tgt Ion:149 Resp: 265963

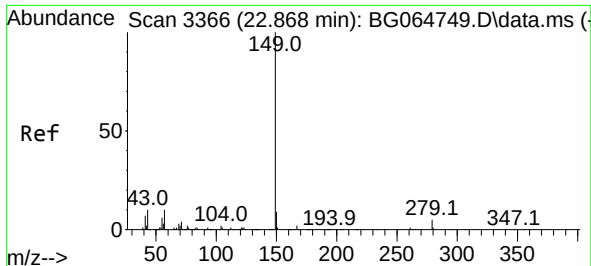
Ion Ratio Lower Upper

149 100

167 27.8 21.0 31.4

279 5.9 4.1 6.1

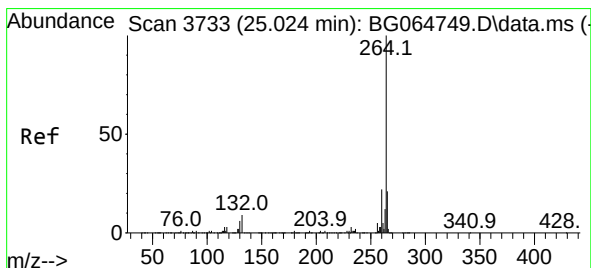
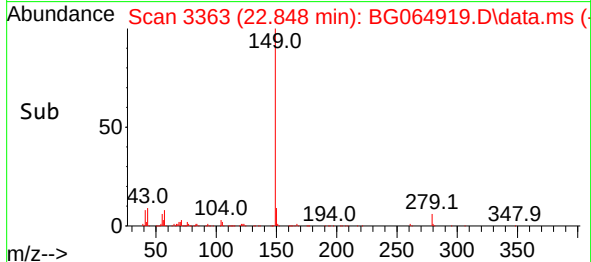
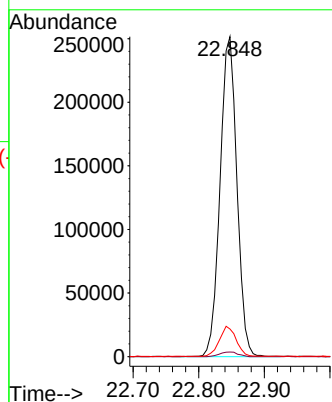
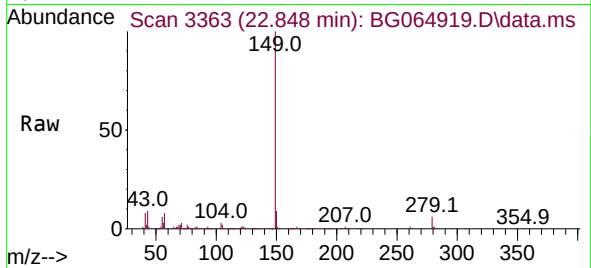




#85
Di-n-octyl phthalate
Concen: 36.774 ng
RT: 22.848 min Scan# 3366
Delta R.T. -0.020 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

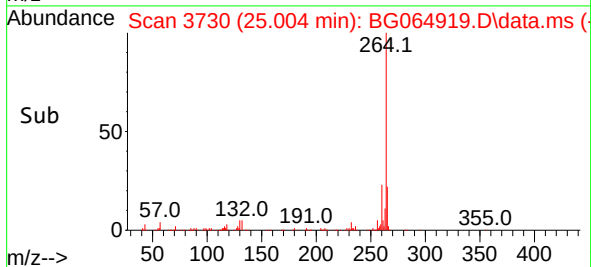
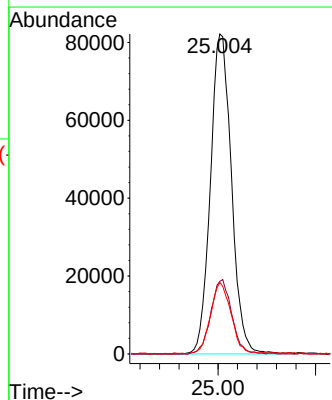
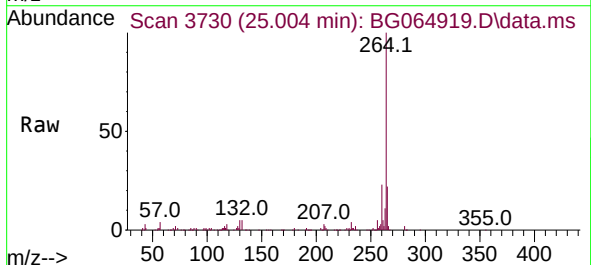
Instrument :
BNA_G
ClientSampleId :
PB170885BS

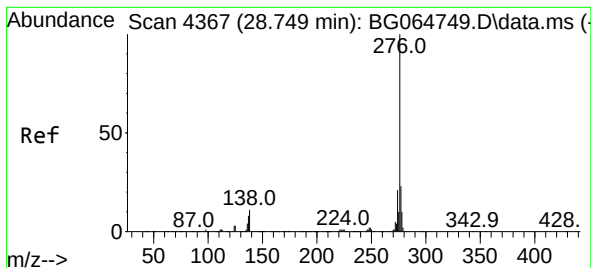
Tgt Ion:149 Resp: 448902
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.4 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.004 min Scan# 3730
Delta R.T. -0.020 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion:264 Resp: 246169
Ion Ratio Lower Upper
264 100
260 22.7 17.2 25.8
265 22.3 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.463 ng

RT: 28.747 min Scan# 4367

Delta R.T. -0.002 min

Lab File: BG064919.D

Acq: 10 Dec 2025 13:39

Instrument :

BNA_G

ClientSampleId :

PB170885BS

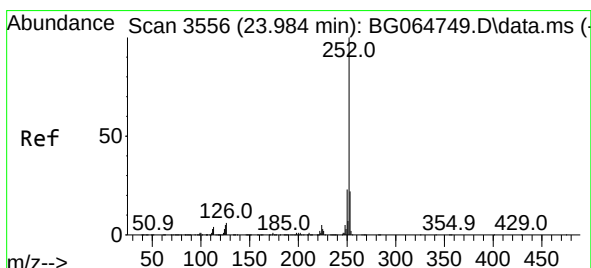
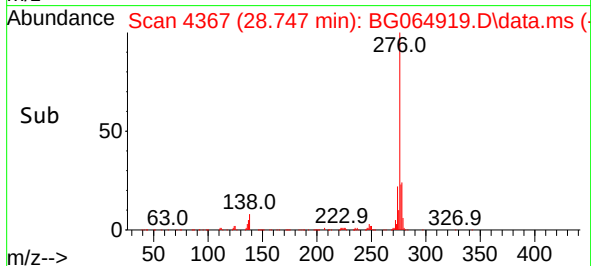
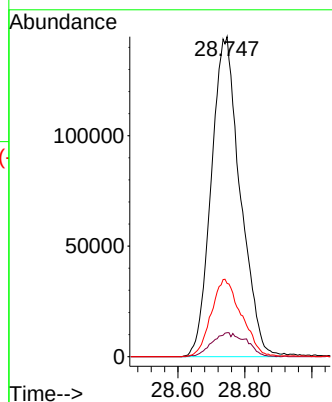
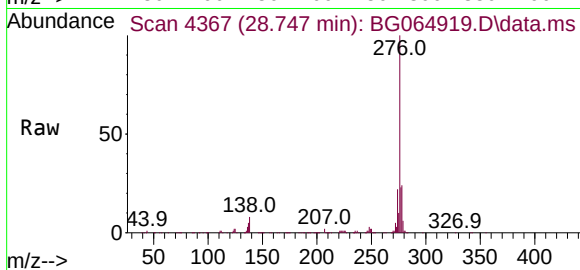
Tgt Ion:276 Resp: 870385

Ion Ratio Lower Upper

276 100

138 8.8 4.5 6.7#

277 25.2 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 45.080 ng

RT: 23.970 min Scan# 3554

Delta R.T. -0.014 min

Lab File: BG064919.D

Acq: 10 Dec 2025 13:39

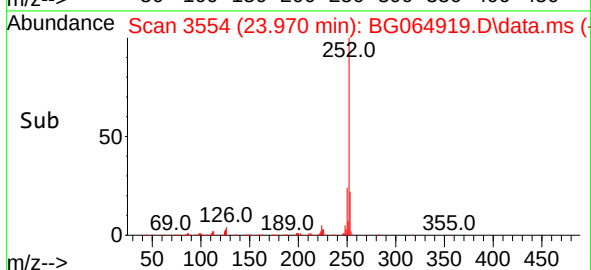
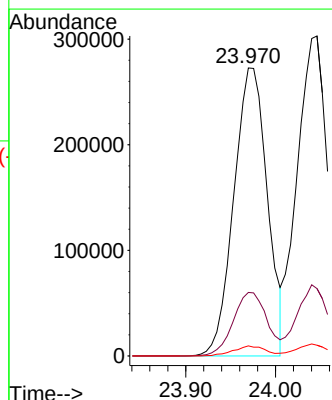
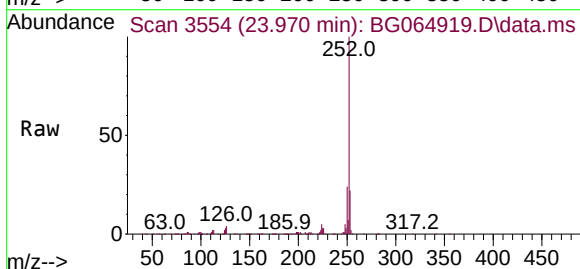
Tgt Ion:252 Resp: 706208

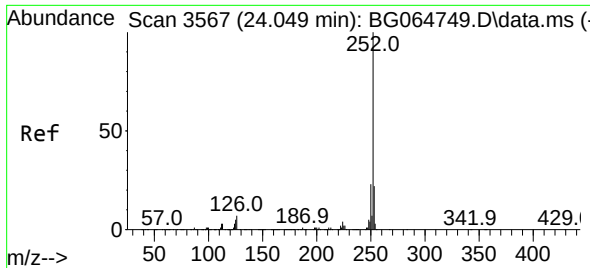
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 3.5 4.2 6.2#

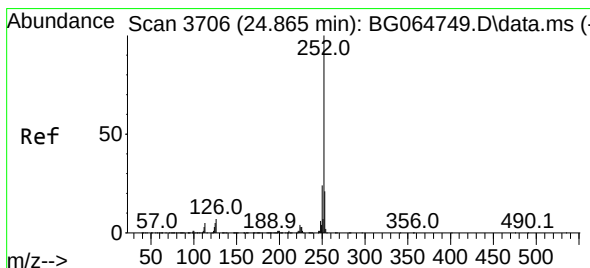
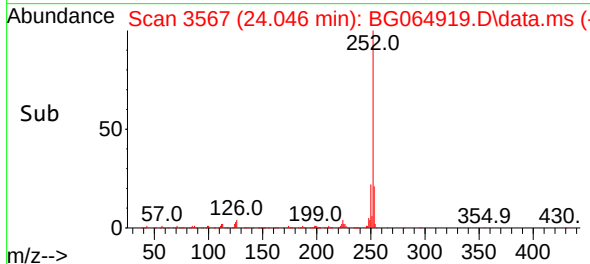
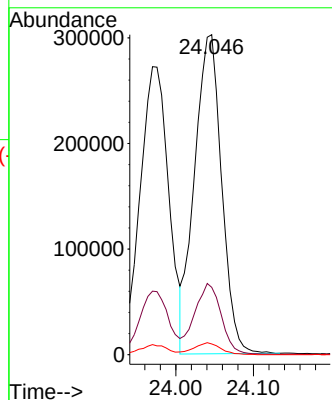
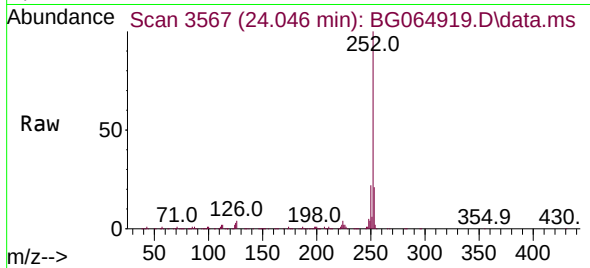




#89
Benzo(k)fluoranthene
Concen: 46.658 ng
RT: 24.046 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

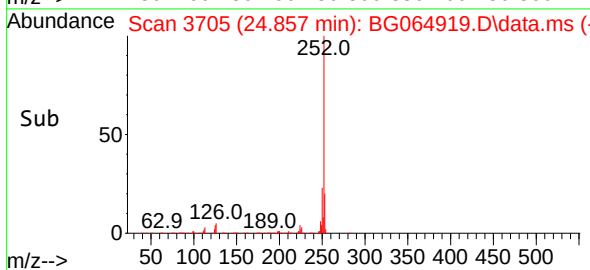
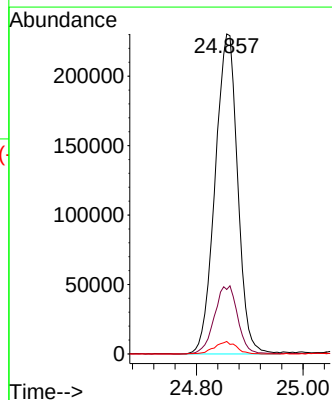
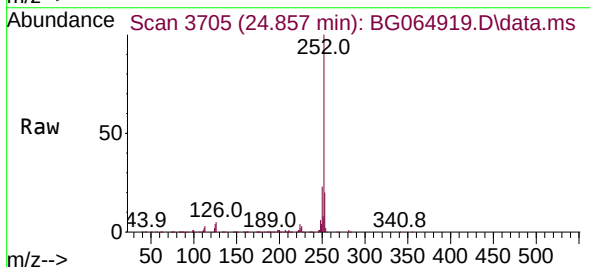
Instrument :
BNA_G
ClientSampleId :
PB170885BS

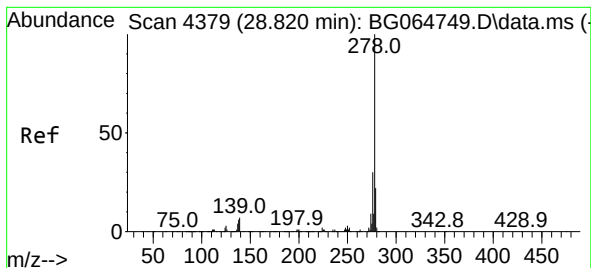
Tgt Ion:252 Resp: 734333
Ion Ratio Lower Upper
252 100
253 21.0 17.8 26.8
125 3.3 4.1 6.1#



#90
Benzo(a)pyrene
Concen: 46.465 ng
RT: 24.857 min Scan# 3705
Delta R.T. -0.008 min
Lab File: BG064919.D
Acq: 10 Dec 2025 13:39

Tgt Ion:252 Resp: 675238
Ion Ratio Lower Upper
252 100
253 20.1 16.9 25.3
125 3.9 4.2 6.4#





#91

Dibenzo(a,h)anthracene

Concen: 52.979 ng

RT: 28.794 min Scan# 4375

Delta R.T. -0.026 min

Lab File: BG064919.D

Acq: 10 Dec 2025 13:39

Instrument :

BNA_G

ClientSampleId :

PB170885BS

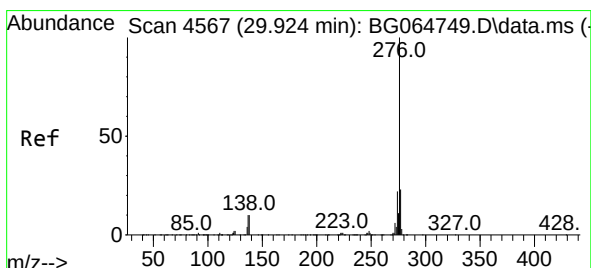
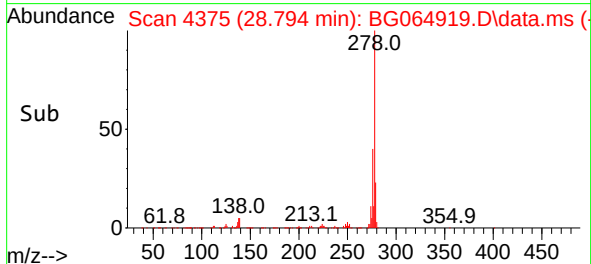
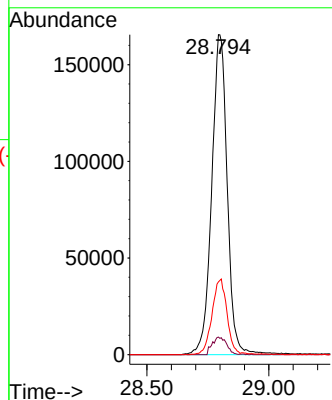
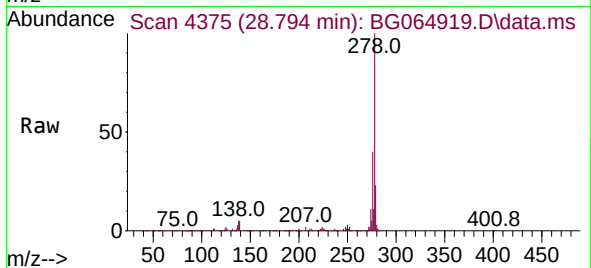
Tgt Ion:278 Resp: 734038

Ion Ratio Lower Upper

278 100

139 5.5 5.8 8.8#

279 22.7 17.3 25.9



#92

Benzo(g,h,i)perylene

Concen: 52.311 ng

RT: 29.910 min Scan# 4565

Delta R.T. -0.014 min

Lab File: BG064919.D

Acq: 10 Dec 2025 13:39

Tgt Ion:276 Resp: 697531

Ion Ratio Lower Upper

276 100

277 22.5 18.0 27.0

138 6.2 8.2 12.2#

