

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111725\
 Data File : BG064789.D
 Acq On : 17 Nov 2025 18:04
 Operator : RC/JU
 Sample : Q3628-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5MS

Quant Time: Nov 18 00:21:31 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	8.169	152	38070	20.000	ng	0.00
21) Naphthalene-d8	10.983	136	147064	20.000	ng	0.00
39) Acenaphthene-d10	14.773	164	121996	20.000	ng	0.00
64) Phenanthrene-d10	17.505	188	296618	20.000	ng	0.00
76) Chrysene-d12	21.753	240	359428	20.000	ng	0.00
86) Perylene-d12	25.020	264	372183	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	293930	134.821	ng	0.00
7) Phenol-d6	7.311	99	365126	125.919	ng	0.00
23) Nitrobenzene-d5	9.326	82	279575	93.993	ng	0.00
42) 2,4,6-Tribromophenol	16.254	330	337120	141.689	ng	0.00
45) 2-Fluorobiphenyl	13.410	172	755696	86.434	ng	0.00
79) Terphenyl-d14	20.090	244	1661893	90.953	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.539	88	30481	36.114	ng	# 59
3) Pyridine	3.956	79	81850	32.548	ng	97
4) n-Nitrosodimethylamine	3.850	42	48316	37.749	ng	# 89
6) Aniline	7.481	93	46672	12.075	ng	98
8) 2-Chlorophenol	7.728	128	108622	45.375	ng	99
9) Benzaldehyde	7.288	77	59474	31.333	ng	99
10) Phenol	7.340	94	127627	40.453	ng	94
11) bis(2-Chloroethyl)ether	7.570	93	94253	41.983	ng	99
12) 1,3-Dichlorobenzene	8.057	146	110158	39.991	ng	97
13) 1,4-Dichlorobenzene	8.204	146	115988	41.352	ng	97
14) 1,2-Dichlorobenzene	8.521	146	115020	42.292	ng	98
15) Benzyl Alcohol	8.398	79	110008	46.219	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.692	45	206228	38.809	ng	97
17) 2-Methylphenol	8.604	107	99643	44.636	ng	97
18) Hexachloroethane	9.262	117	41536	39.098	ng	97
19) n-Nitroso-di-n-propyla...	8.968	70	86540	44.139	ng	95
20) 3+4-Methylphenols	8.933	107	136803	44.733	ng	95
22) Acetophenone	8.986	105	179745	44.861	ng	# 99
24) Nitrobenzene	9.368	77	134325	44.695	ng	96
25) Isophorone	9.896	82	248915	43.945	ng	98
26) 2-Nitrophenol	10.084	139	64393	47.635	ng	97
27) 2,4-Dimethylphenol	10.137	122	112838	46.985	ng	96
28) bis(2-Chloroethoxy)met...	10.372	93	142296	45.760	ng	97
29) 2,4-Dichlorophenol	10.625	162	127883	49.598	ng	97
30) 1,2,4-Trichlorobenzene	10.842	180	139519	44.812	ng	97
31) Naphthalene	11.030	128	351305	42.139	ng	99
32) Benzoic acid	10.266	122	78723	46.636	ng	95
33) 4-Chloroaniline	11.130	127	8251	2.474	ng	# 89
34) Hexachlorobutadiene	11.318	225	110058	41.199	ng	100
35) Caprolactam	11.894	113	32312m	41.899	ng	
36) 4-Chloro-3-methylphenol	12.241	107	136319	47.501	ng	98
37) 2-Methylnaphthalene	12.623	142	243257	38.992	ng	99
38) 1-Methylnaphthalene	12.840	142	256377	41.370	ng	98
40) 1,2,4,5-Tetrachloroben...	12.987	216	207523	43.710	ng	99
41) Hexachlorocyclopentadiene	12.969	237	260288	76.487	ng	97
43) 2,4,6-Trichlorophenol	13.216	196	132816	47.664	ng	97

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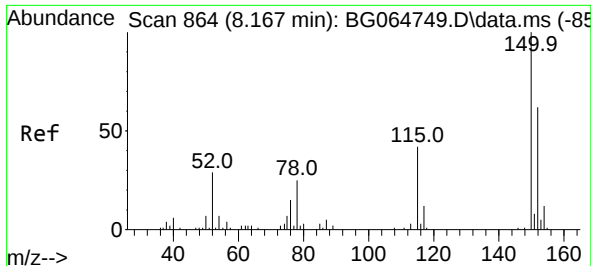
Quant Time: Nov 18 00:21:31 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.286	196	150448	48.139	ng	98
46) 1,1'-Biphenyl	13.615	154	380785	43.458	ng	96
47) 2-Chloronaphthalene	13.662	162	296930	43.014	ng	99
48) 2-Nitroaniline	13.850	65	107795	48.550	ng	96
49) Acenaphthylene	14.503	152	525028	44.519	ng	99
50) Dimethylphthalate	14.221	163	447341	46.420	ng	99
51) 2,6-Dinitrotoluene	14.338	165	91195	49.178	ng	98
52) Acenaphthene	14.838	154	359438	50.832	ng	99
53) 3-Nitroaniline	14.667	138	15171	8.289	ng	86
54) 2,4-Dinitrophenol	14.867	184	113835	88.584	ng	93
55) Dibenzofuran	15.172	168	518334	44.339	ng	97
56) 4-Nitrophenol	14.967	139	134931	92.921	ng	94
57) 2,4-Dinitrotoluene	15.120	165	135152	48.615	ng	97
58) Fluorene	15.813	166	406733	44.361	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.390	232	153046	49.633	ng	98
60) Diethylphthalate	15.578	149	425730	46.116	ng	97
61) 4-Chlorophenyl-phenyle...	15.801	204	242945	44.152	ng	99
62) 4-Nitroaniline	15.819	138	80939	42.688	ng	95
63) Azobenzene	16.095	77	352838	45.951	ng	97
65) 4,6-Dinitro-2-methylph...	15.878	198	87453	53.102	ng	96
66) n-Nitrosodiphenylamine	16.013	169	374445	48.195	ng	100
67) 4-Bromophenyl-phenylether	16.694	248	182957	46.969	ng	97
68) Hexachlorobenzene	16.818	284	214996	45.557	ng	96
69) Atrazine	16.953	200	178338	47.609	ng	97
70) Pentachlorophenol	17.153	266	272679	96.284	ng	98
71) Phenanthrene	17.546	178	735617	45.327	ng	99
72) Anthracene	17.640	178	755719	45.667	ng	99
73) Carbazole	17.899	167	660094	46.401	ng	100
74) Di-n-butylphthalate	18.451	149	761598	47.986	ng	99
75) Fluoranthene	19.538	202	964064	43.442	ng	99
77) Benzidine	19.708	184	231736	21.528	ng	99
78) Pyrene	19.902	202	1002417	49.761	ng	99
80) Butylbenzylphthalate	20.766	149	345269	48.729	ng	98
81) Benzo(a)anthracene	21.735	228	1099585	44.992	ng	99
82) 3,3'-Dichlorobenzidine	21.641	252	116471	12.948	ng	99
83) Chrysene	21.806	228	1035905	44.959	ng	99
84) Bis(2-ethylhexyl)phtha...	21.635	149	489375	47.265	ng	99
85) Di-n-octyl phthalate	22.858	149	816465	45.619	ng	99
87) Indeno(1,2,3-cd)pyrene	28.751	276	1219709	47.700	ng	# 97
88) Benzo(b)fluoranthene	23.980	252	1071123	45.223	ng	100
89) Benzo(k)fluoranthene	24.050	252	1096705	46.089	ng	99
90) Benzo(a)pyrene	24.867	252	1011213	46.025	ng	99
91) Dibenzo(a,h)anthracene	28.815	278	1011243	48.275	ng	# 96
92) Benzo(g,h,i)perylene	29.920	276	972043	48.216	ng	97

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

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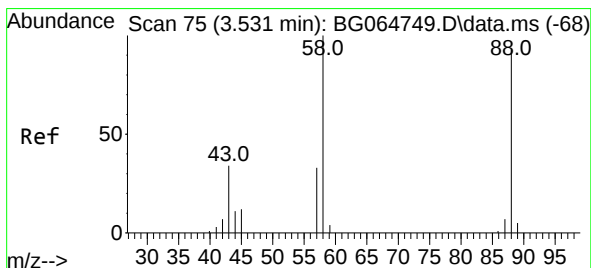
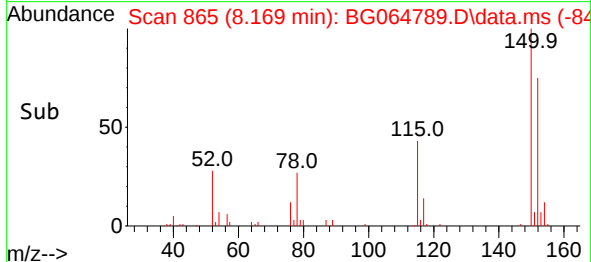
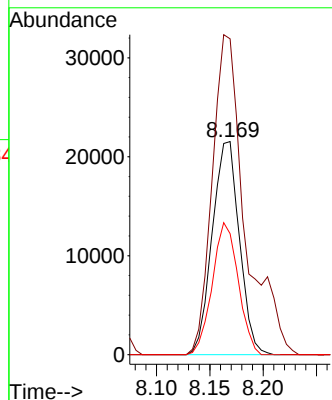
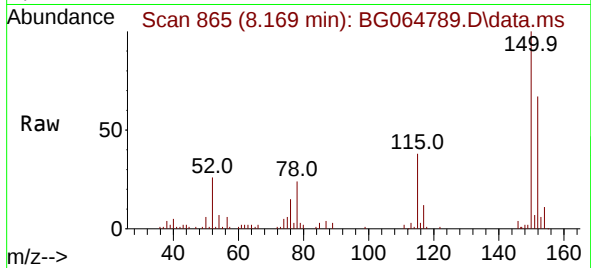




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.169 min Scan# 80
 Delta R.T. 0.002 min
 Lab File: BG064789.D
 Acq: 17 Nov 2025 18:04

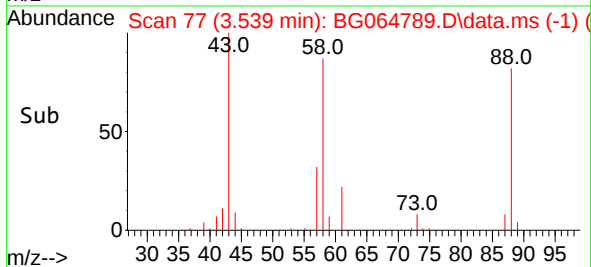
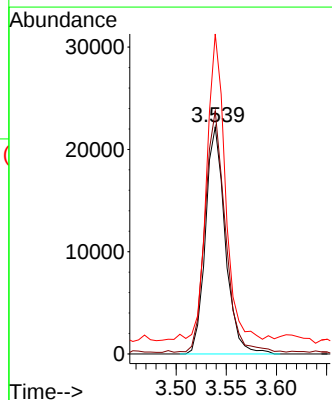
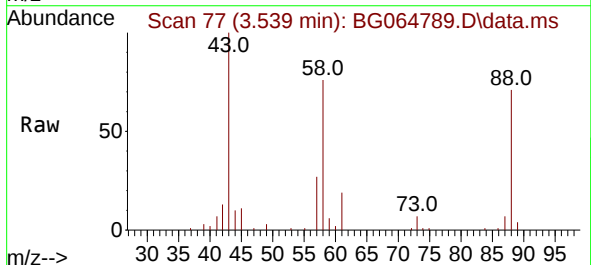
Instrument :
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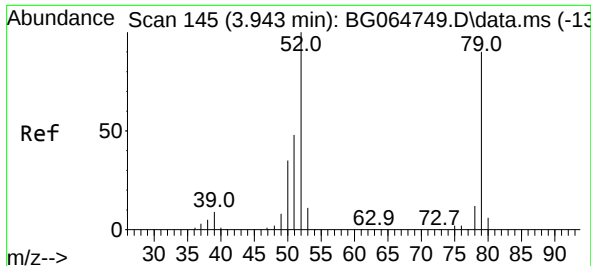
Tgt Ion:152 Resp: 38070
 Ion Ratio Lower Upper
 152 100
 150 148.2 129.2 193.8
 115 56.8 53.7 80.5



#2
 1,4-Dioxane
 Concen: 36.114 ng
 RT: 3.539 min Scan# 77
 Delta R.T. 0.008 min
 Lab File: BG064789.D
 Acq: 17 Nov 2025 18:04

Tgt Ion: 88 Resp: 30481
 Ion Ratio Lower Upper
 88 100
 58 109.1 84.6 126.8
 43 126.4 30.0 45.0#





#3

Pyridine

Concen: 32.548 ng

RT: 3.956 min Scan# 14

Delta R.T. 0.013 min

Lab File: BG064789.D

Acq: 17 Nov 2025 18:04

Instrument :

BNA_G

ClientSampleId :

TP-5MS

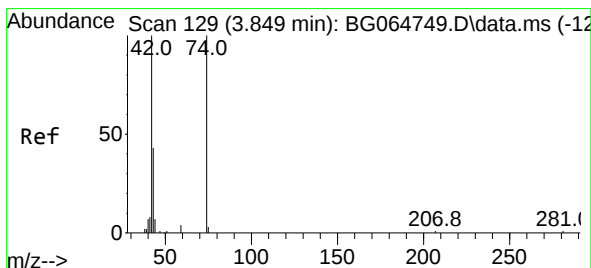
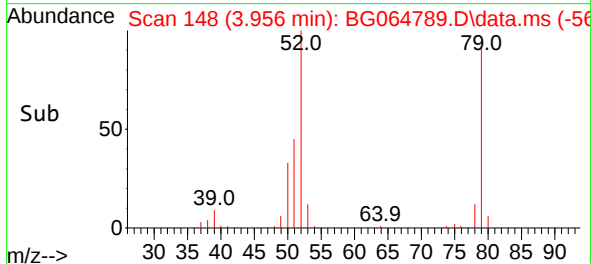
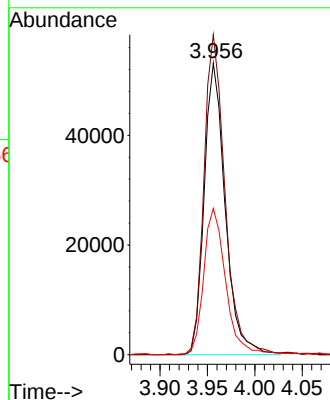
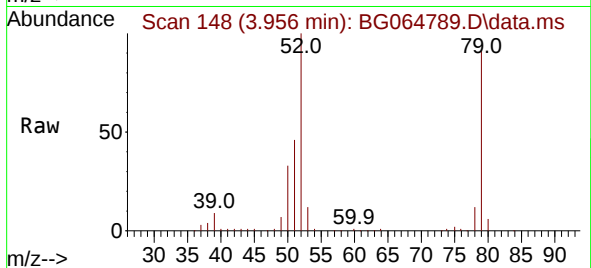
Tgt Ion: 79 Resp: 81850

Ion Ratio Lower Upper

79 100

52 109.8 89.0 133.4

51 50.2 43.4 65.0



#4

n-Nitrosodimethylamine

Concen: 37.749 ng

RT: 3.850 min Scan# 130

Delta R.T. 0.002 min

Lab File: BG064789.D

Acq: 17 Nov 2025 18:04

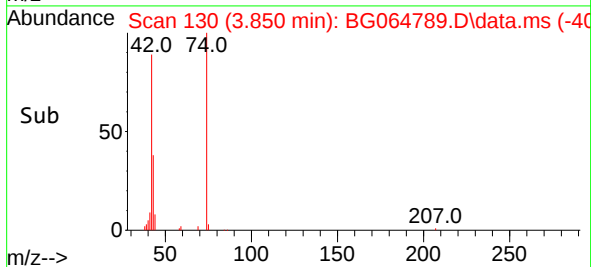
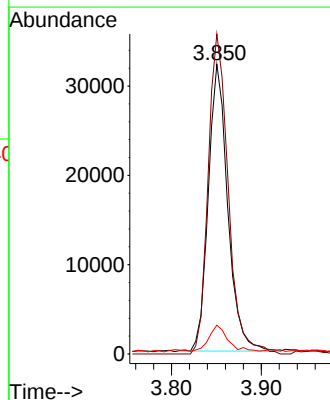
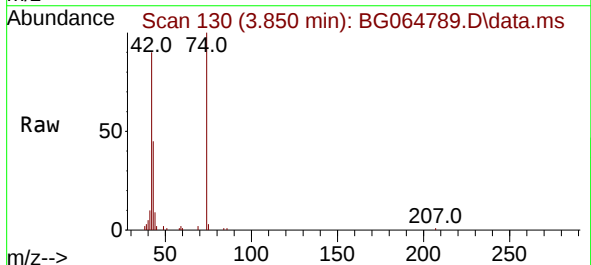
Tgt Ion: 42 Resp: 48316

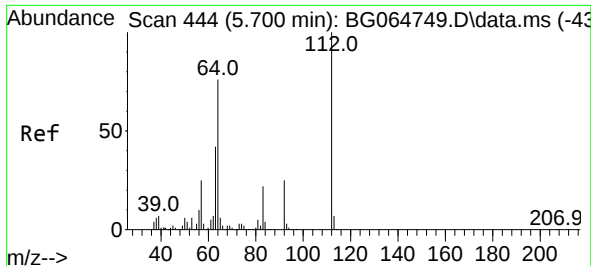
Ion Ratio Lower Upper

42 100

74 110.5 79.8 119.6

44 9.9 5.9 8.9#

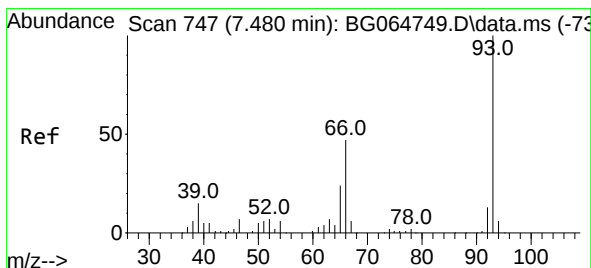
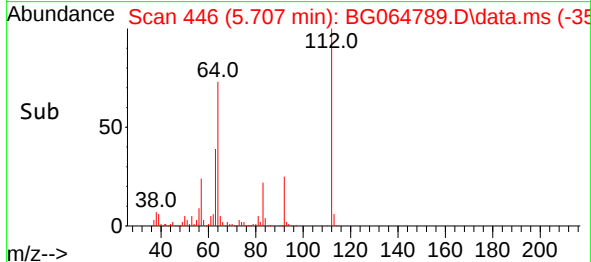
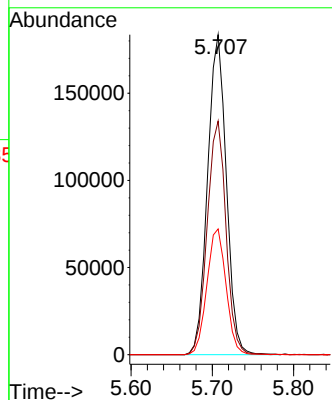
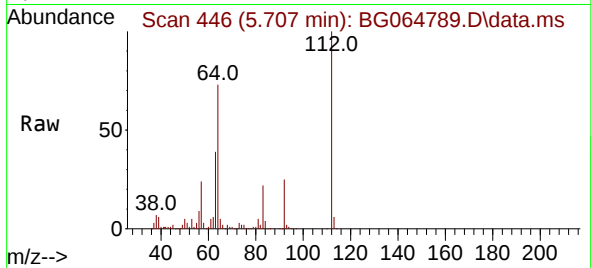




#5
2-Fluorophenol
Concen: 134.821 ng
RT: 5.707 min Scan# 444
Delta R.T. 0.008 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

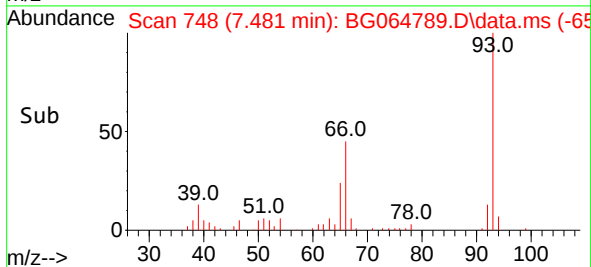
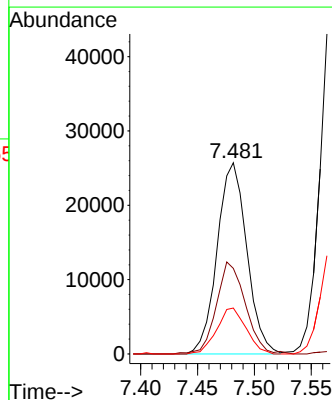
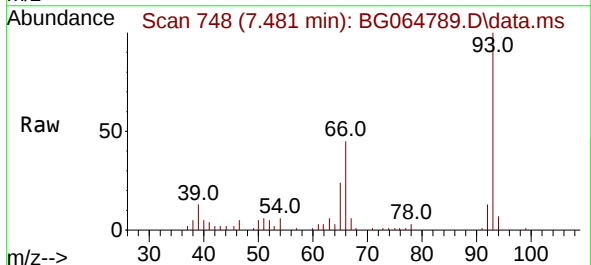
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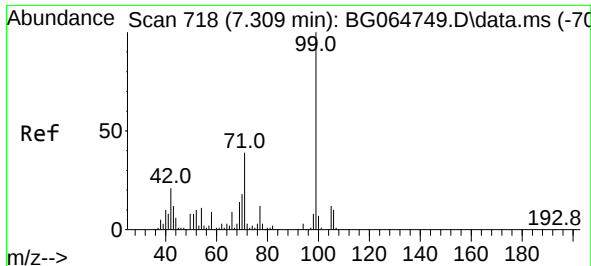
Tgt Ion:112 Resp: 293930
Ion Ratio Lower Upper
112 100
64 73.0 61.0 91.4
63 39.3 33.3 49.9



#6
Aniline
Concen: 12.075 ng
RT: 7.481 min Scan# 748
Delta R.T. 0.002 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

Tgt Ion: 93 Resp: 46672
Ion Ratio Lower Upper
93 100
66 44.8 37.7 56.5
65 24.1 19.1 28.7

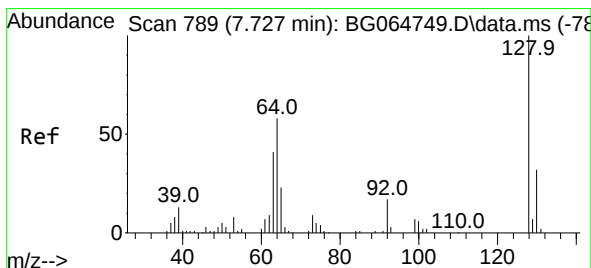
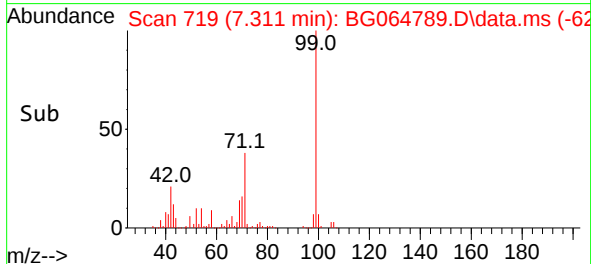
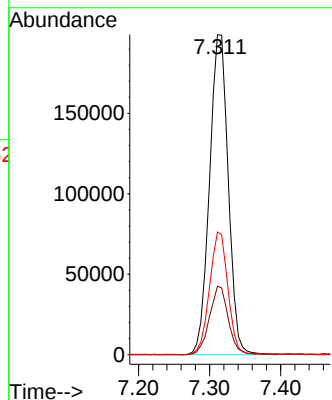
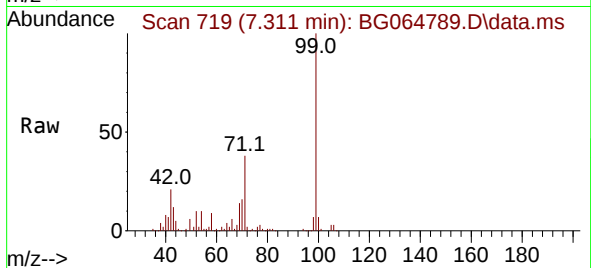




#7
Phenol-d6
Concen: 125.919 ng
RT: 7.311 min Scan# 718
Delta R.T. 0.002 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

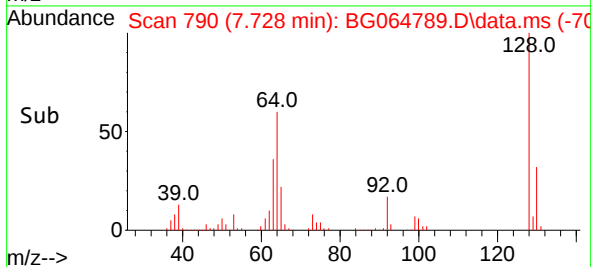
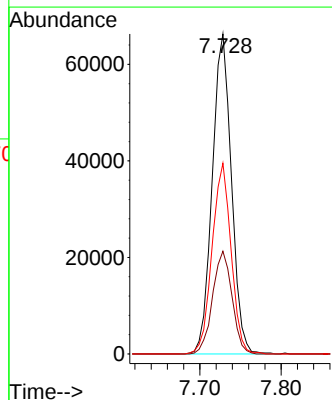
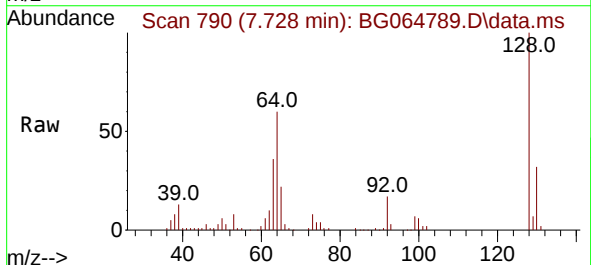
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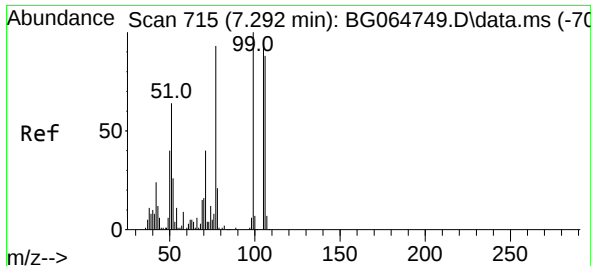
Tgt Ion: 99 Resp: 365126
Ion Ratio Lower Upper
99 100
42 21.4 16.8 25.2
71 38.4 31.1 46.7



#8
2-Chlorophenol
Concen: 45.375 ng
RT: 7.728 min Scan# 790
Delta R.T. 0.002 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

Tgt Ion: 128 Resp: 108622
Ion Ratio Lower Upper
128 100
130 32.1 11.9 51.9
64 59.6 38.4 78.4

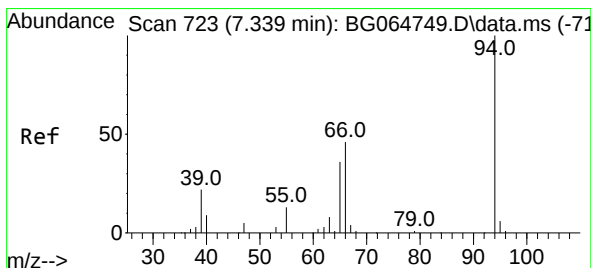
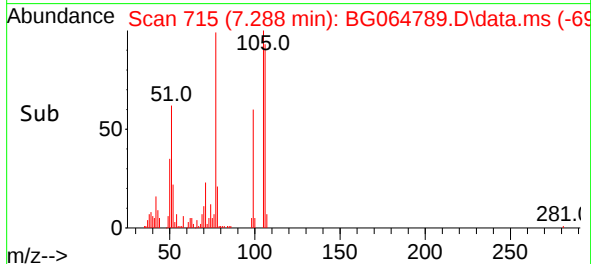
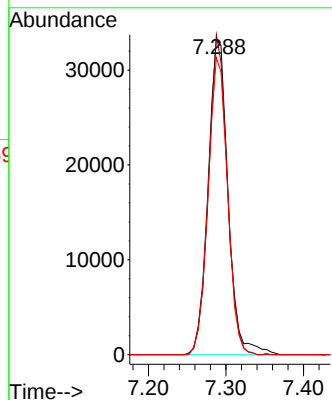
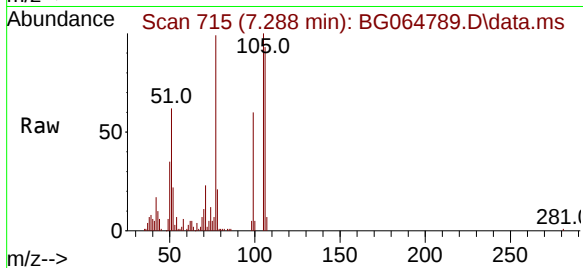




#9
Benzaldehyde
Concen: 31.333 ng
RT: 7.288 min Scan# 715
Delta R.T. -0.004 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

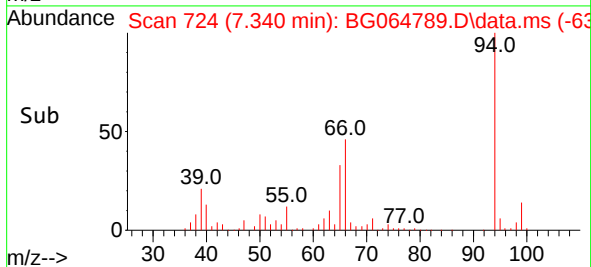
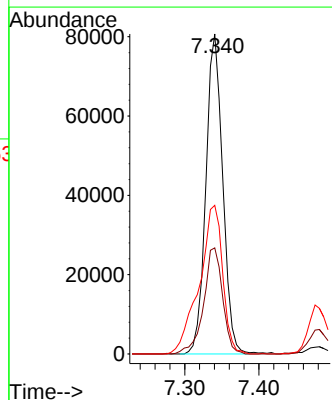
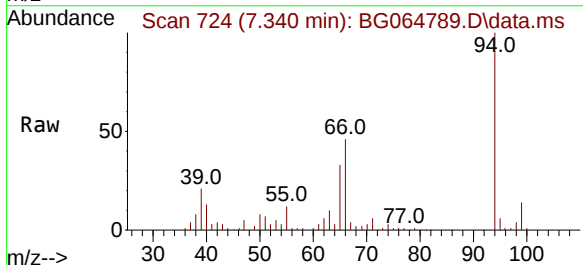
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ClientSampleId :
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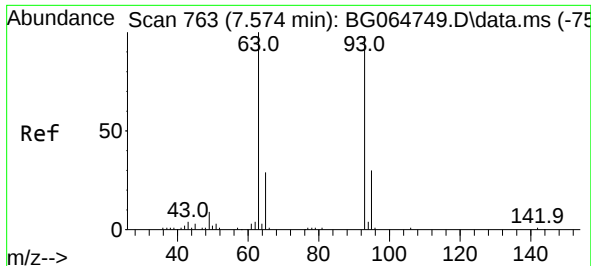
Tgt Ion: 77 Resp: 59474
Ion Ratio Lower Upper
77 100
105 101.4 83.8 123.8
106 94.1 74.3 114.3



#10
Phenol
Concen: 40.453 ng
RT: 7.340 min Scan# 724
Delta R.T. 0.002 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

Tgt Ion: 94 Resp: 127627
Ion Ratio Lower Upper
94 100
65 33.2 17.0 57.0
66 46.5 29.8 69.8

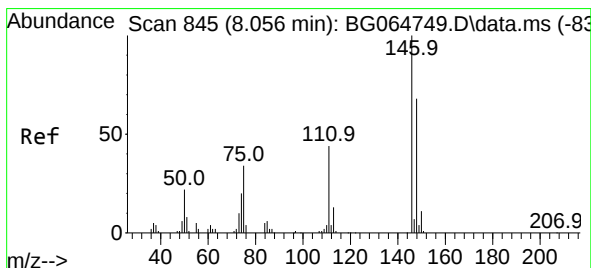
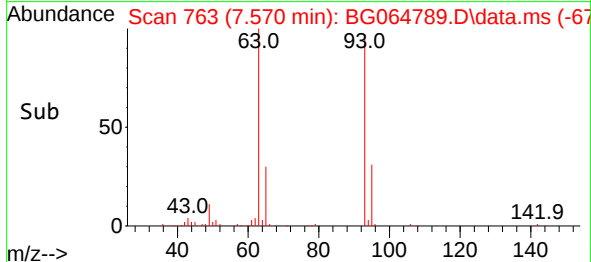
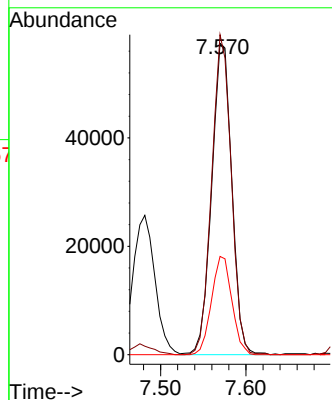
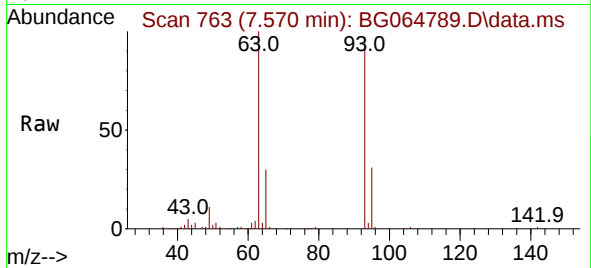




#11
bis(2-Chloroethyl)ether
Concen: 41.983 ng
RT: 7.570 min Scan# 763
Delta R.T. -0.004 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

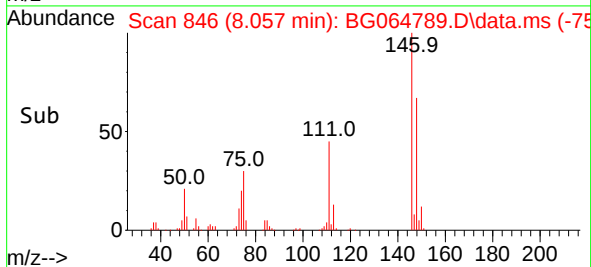
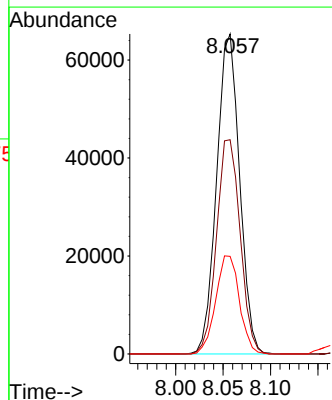
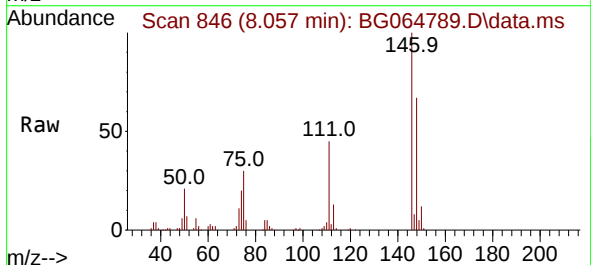
Instrument :
BNA_G
ClientSampleId :
TP-5MS

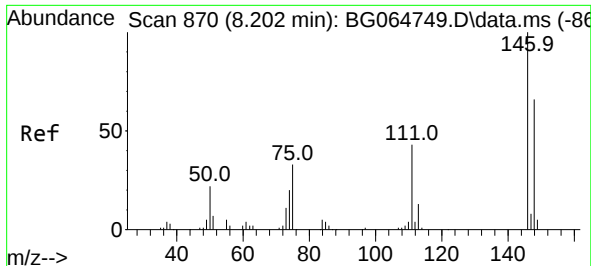
Tgt Ion: 93 Resp: 94253
Ion Ratio Lower Upper
93 100
63 102.8 81.8 121.8
95 31.6 10.3 50.3



#12
1,3-Dichlorobenzene
Concen: 39.991 ng
RT: 8.057 min Scan# 846
Delta R.T. 0.002 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

Tgt Ion:146 Resp: 110158
Ion Ratio Lower Upper
146 100
148 67.0 54.6 82.0
75 30.5 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 41.352 ng

RT: 8.204 min Scan# 81

Delta R.T. 0.002 min

Lab File: BG064789.D

Acq: 17 Nov 2025 18:04

Instrument :

BNA_G

ClientSampleId :

TP-5MS

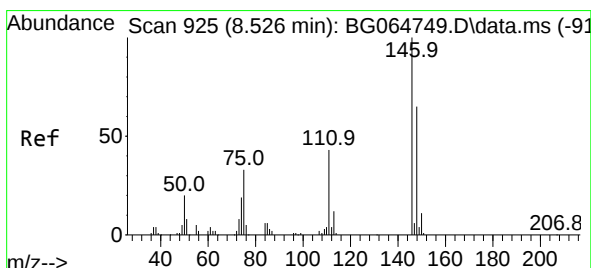
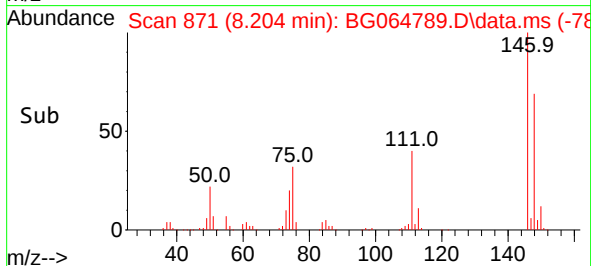
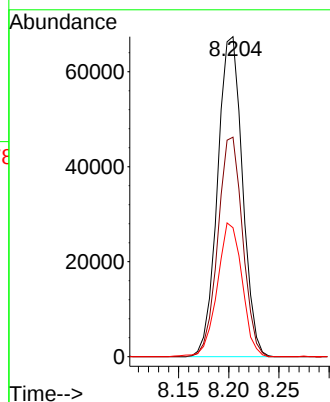
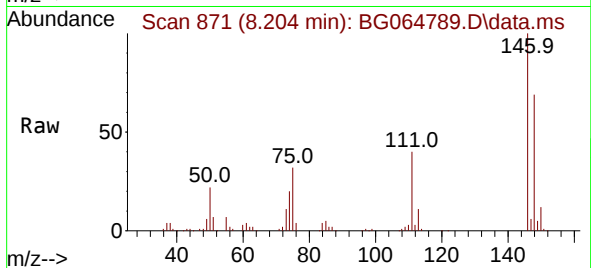
Tgt Ion:146 Resp: 115988

Ion Ratio Lower Upper

146 100

148 68.6 53.1 79.7

111 40.3 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 42.292 ng

RT: 8.521 min Scan# 925

Delta R.T. -0.004 min

Lab File: BG064789.D

Acq: 17 Nov 2025 18:04

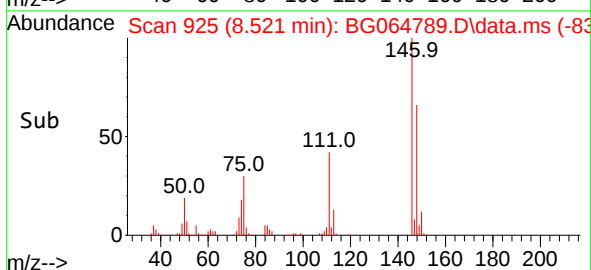
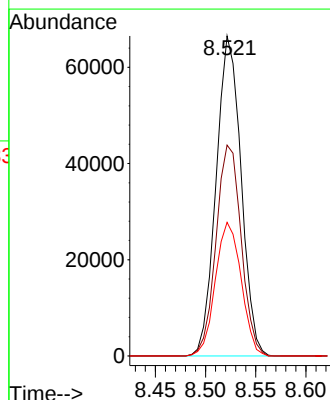
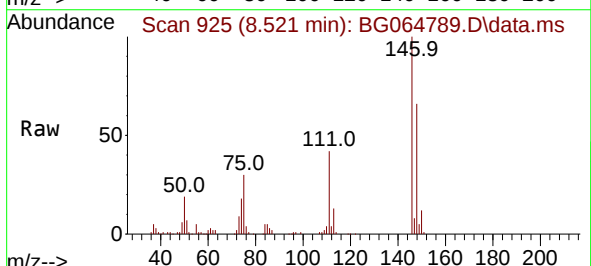
Tgt Ion:146 Resp: 115020

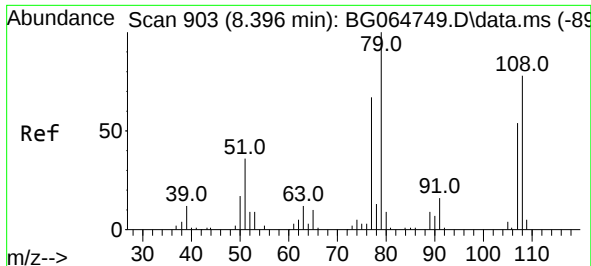
Ion Ratio Lower Upper

146 100

148 65.9 52.0 78.0

111 41.8 34.7 52.1

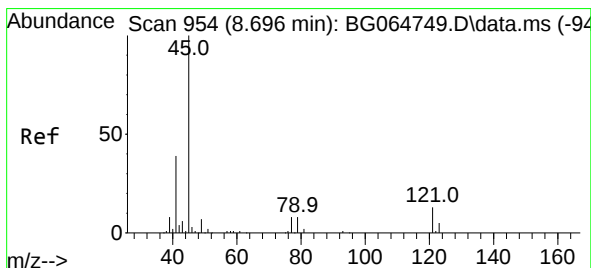
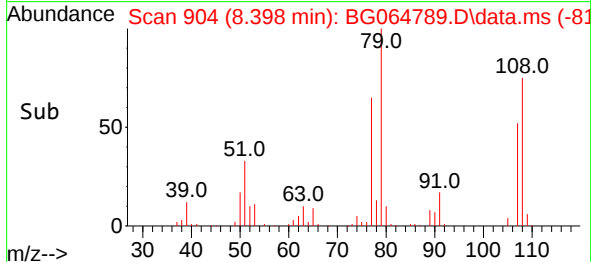
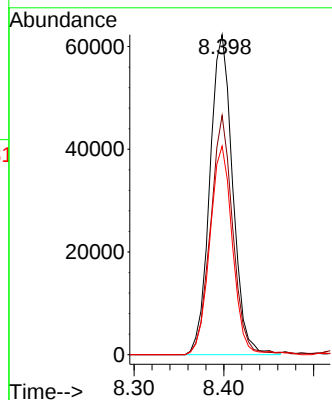
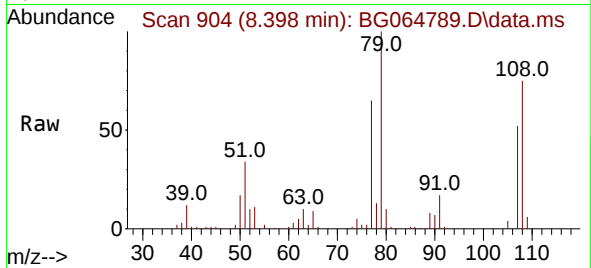




#15
Benzyl Alcohol
Concen: 46.219 ng
RT: 8.398 min Scan# 903
Delta R.T. 0.002 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

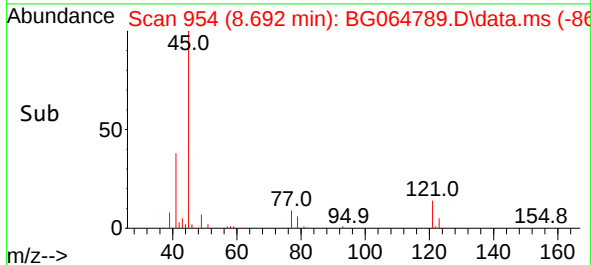
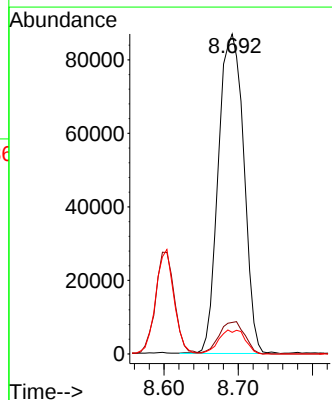
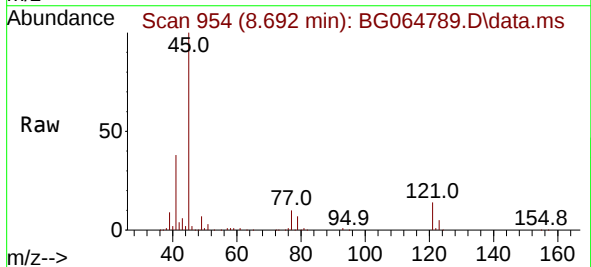
Instrument :
BNA_G
ClientSampleId :
TP-5MS

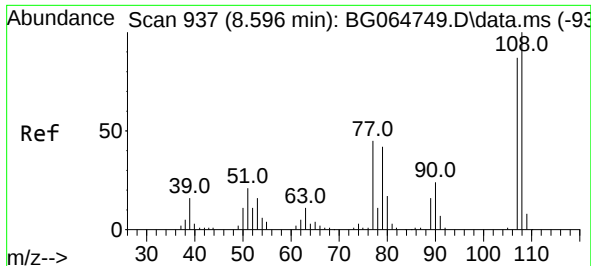
Tgt Ion: 79 Resp: 110008
Ion Ratio Lower Upper
79 100
108 74.7 62.3 93.5
77 65.1 53.5 80.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.809 ng
RT: 8.692 min Scan# 954
Delta R.T. -0.004 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

Tgt Ion: 45 Resp: 206228
Ion Ratio Lower Upper
45 100
77 9.9 0.0 28.8
79 6.7 0.0 28.1

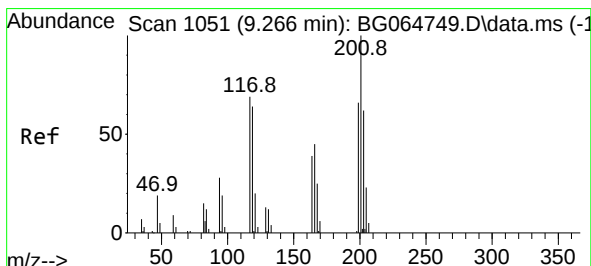
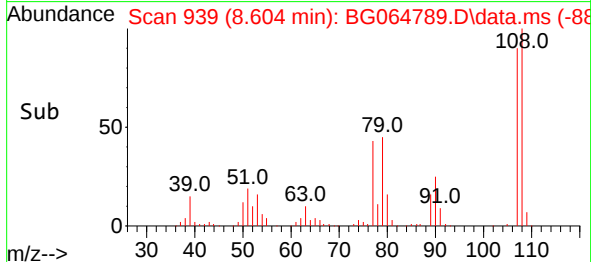
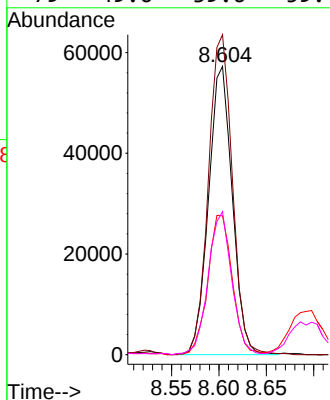
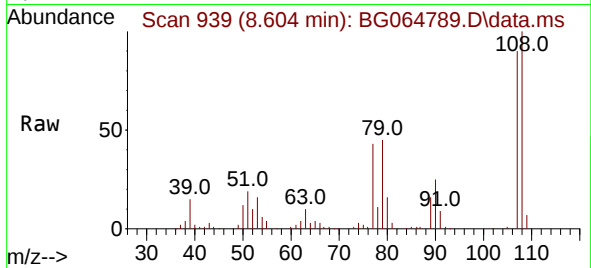




#17
2-Methylphenol
Concen: 44.636 ng
RT: 8.604 min Scan# 911
Delta R.T. 0.008 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

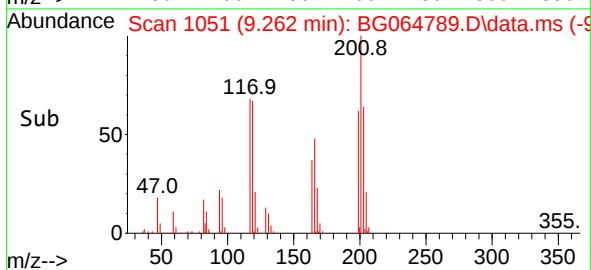
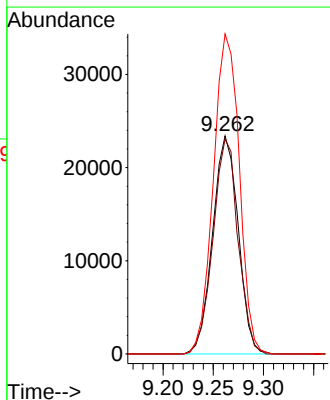
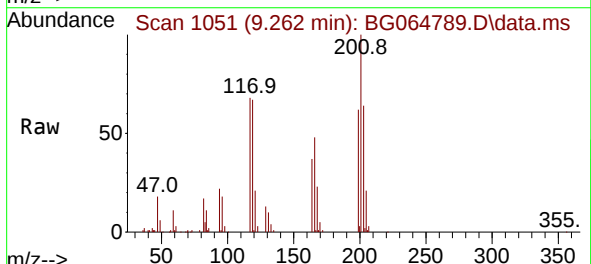
Instrument :
BNA_G
ClientSampleId :
TP-5MS

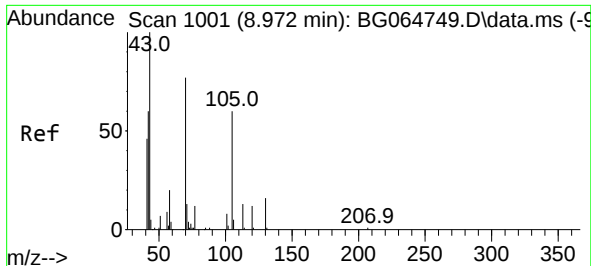
Tgt Ion:	107	Resp:	99643
Ion	Ratio	Lower	Upper
107	100		
108	111.0	92.6	138.8
77	48.2	41.2	61.8
79	49.6	39.6	59.4



#18
Hexachloroethane
Concen: 39.098 ng
RT: 9.262 min Scan# 1051
Delta R.T. -0.004 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

Tgt Ion:	117	Resp:	41536
Ion	Ratio	Lower	Upper
117	100		
119	98.6	74.4	111.6
201	146.8	116.5	174.7





#19

n-Nitroso-di-n-propylamine

Concen: 44.139 ng

RT: 8.968 min Scan# 1001

Delta R.T. -0.004 min

Lab File: BG064789.D

Acq: 17 Nov 2025 18:04

Instrument :

BNA_G

ClientSampleId :

TP-5MS

Tgt Ion: 70 Resp: 86540

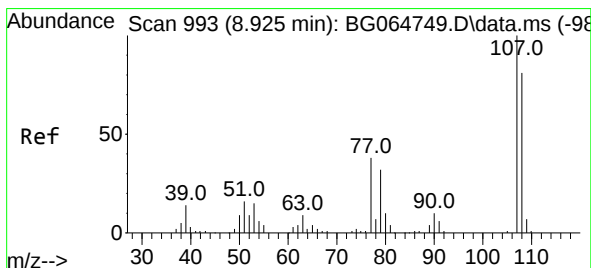
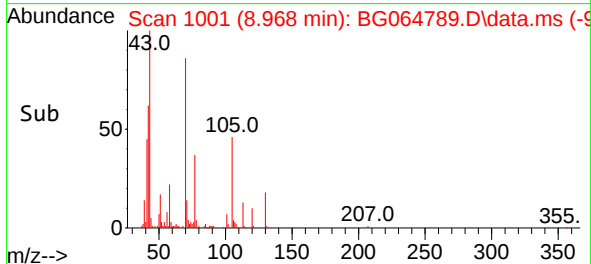
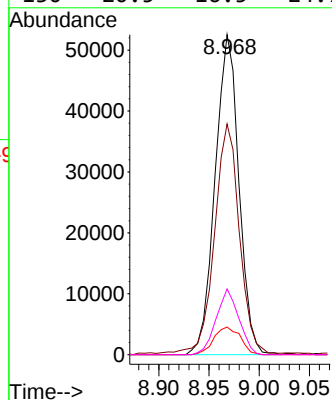
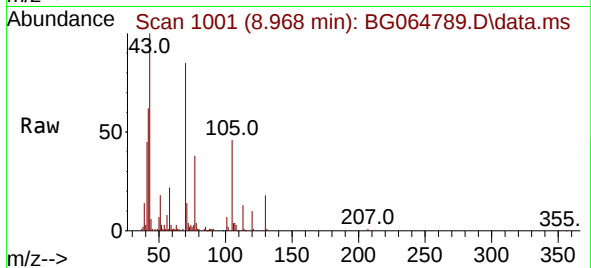
Ion Ratio Lower Upper

70 100

42 72.1 62.6 93.8

101 8.6 8.0 12.0

130 20.5 16.5 24.7



#20

3+4-Methylphenols

Concen: 44.733 ng

RT: 8.933 min Scan# 995

Delta R.T. 0.008 min

Lab File: BG064789.D

Acq: 17 Nov 2025 18:04

Tgt Ion:107 Resp: 136803

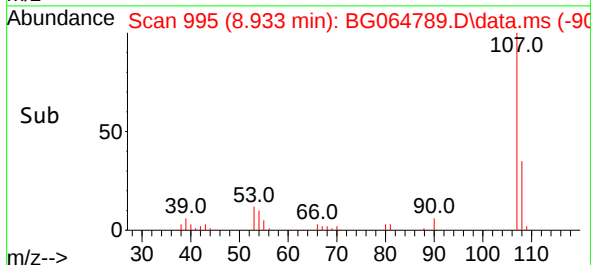
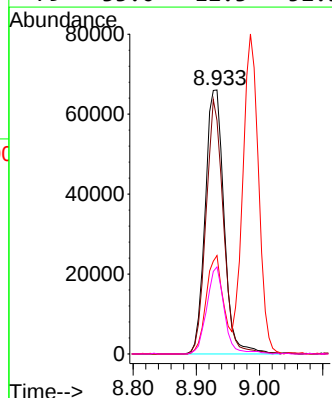
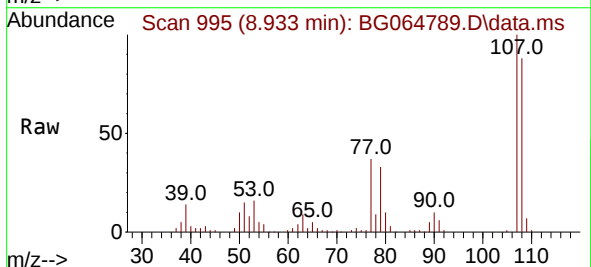
Ion Ratio Lower Upper

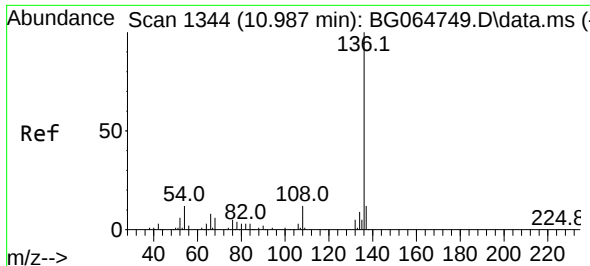
107 100

108 88.5 61.0 101.0

77 37.3 17.6 57.6

79 33.0 12.3 52.3



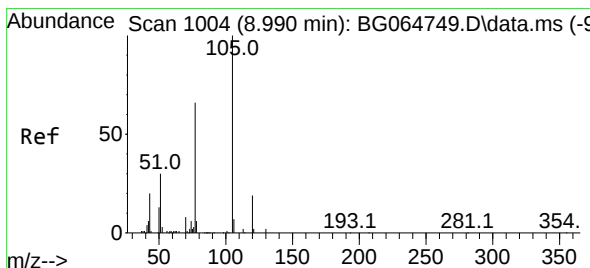
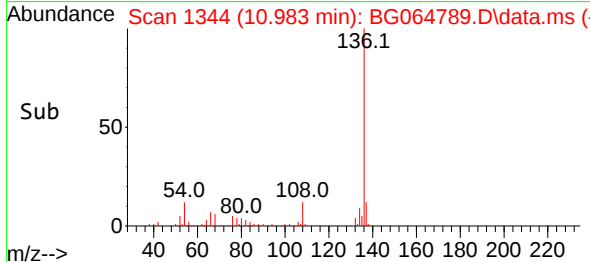
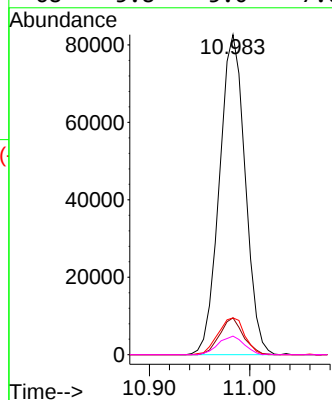
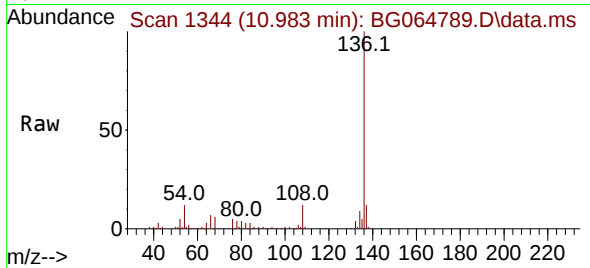


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.983 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tgt Ion:136 Resp: 147064

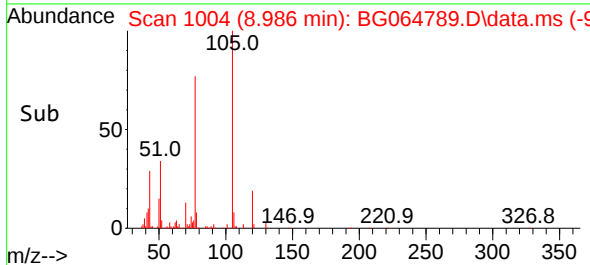
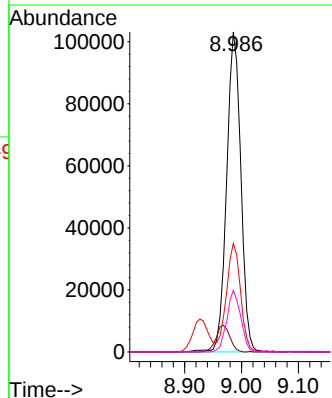
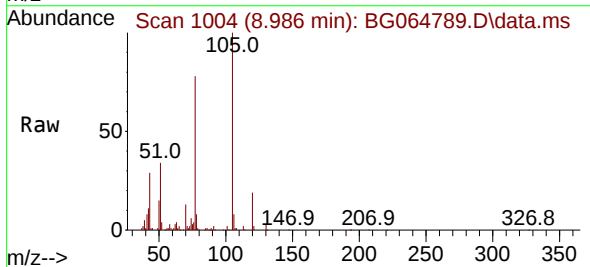
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	11.5	9.3	13.9
68	5.8	5.0	7.6

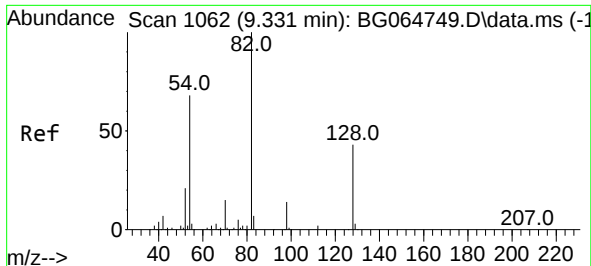


#22
Acetophenone
Concen: 44.861 ng
RT: 8.986 min Scan# 1004
Delta R.T. -0.004 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

Tgt Ion:105 Resp: 179745

Ion	Ratio	Lower	Upper
105	100		
71	2.2	1.3	1.9#
51	33.9	27.9	41.9
120	19.3	15.3	22.9

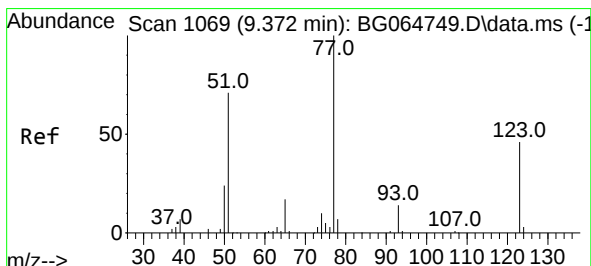
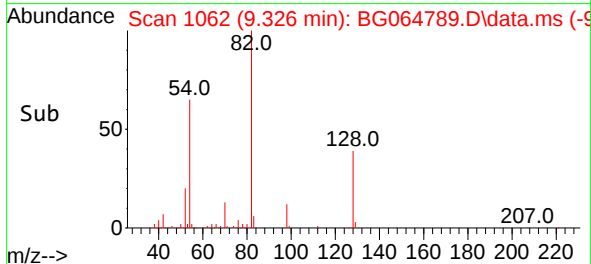
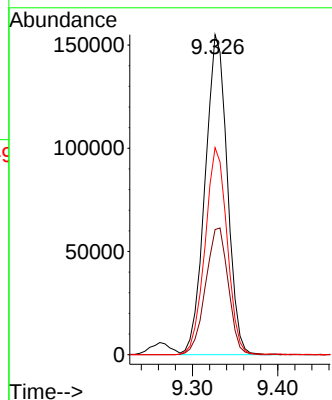
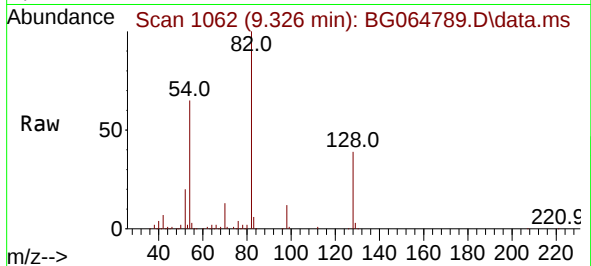




#23
Nitrobenzene-d5
Concen: 93.993 ng
RT: 9.326 min Scan# 1062
Delta R.T. -0.004 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

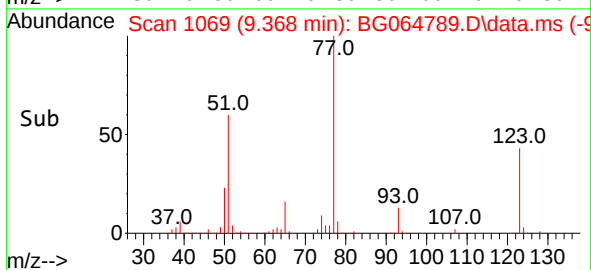
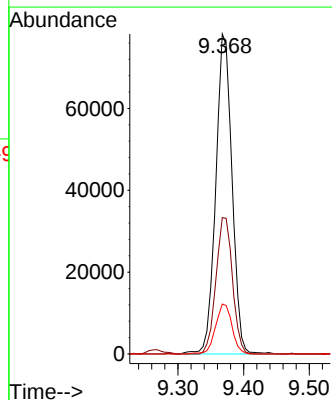
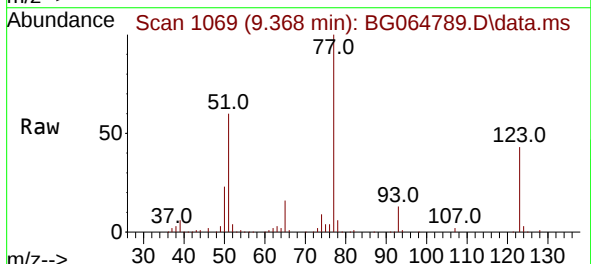
Instrument :
BNA_G
ClientSampleId :
TP-5MS

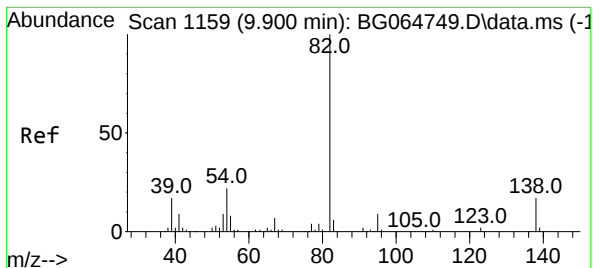
Tgt Ion: 82 Resp: 279575
Ion Ratio Lower Upper
82 100
128 39.1 34.1 51.1
54 64.7 54.3 81.5



#24
Nitrobenzene
Concen: 44.695 ng
RT: 9.368 min Scan# 1069
Delta R.T. -0.004 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

Tgt Ion: 77 Resp: 134325
Ion Ratio Lower Upper
77 100
123 42.6 36.5 54.7
65 15.6 13.5 20.3





#25

Isophorone

Concen: 43.945 ng

RT: 9.896 min Scan# 1159

Delta R.T. -0.004 min

Lab File: BG064789.D

Acq: 17 Nov 2025 18:04

Instrument :

BNA_G

ClientSampleId :

TP-5MS

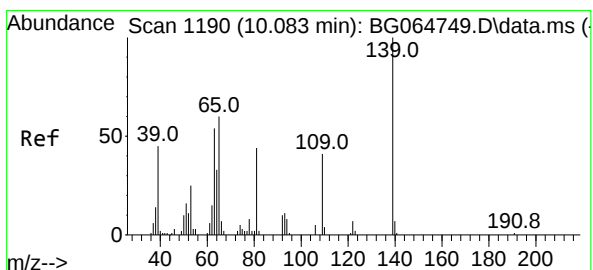
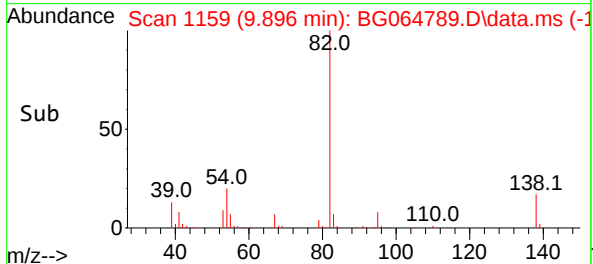
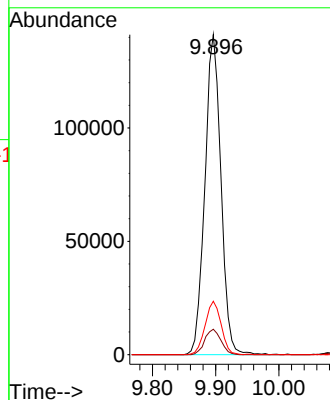
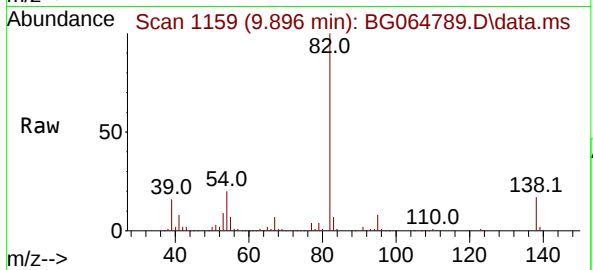
Tgt Ion: 82 Resp: 248915

Ion Ratio Lower Upper

82 100

95 8.0 6.9 10.3

138 16.7 13.9 20.9



#26

2-Nitrophenol

Concen: 47.635 ng

RT: 10.084 min Scan# 1191

Delta R.T. 0.002 min

Lab File: BG064789.D

Acq: 17 Nov 2025 18:04

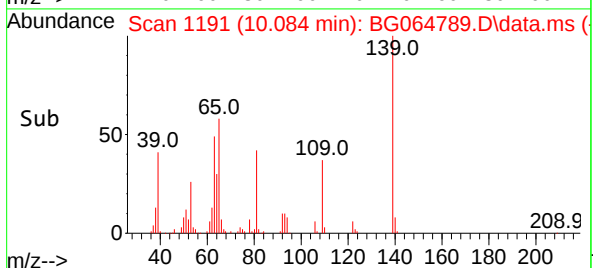
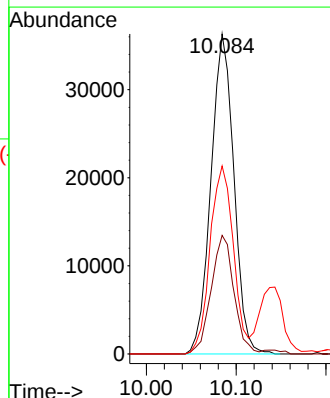
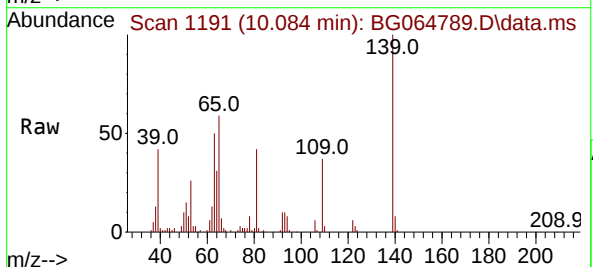
Tgt Ion:139 Resp: 64393

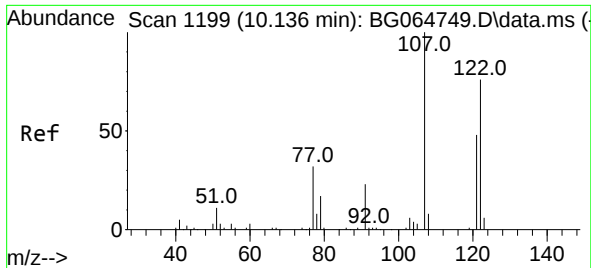
Ion Ratio Lower Upper

139 100

109 37.1 32.5 48.7

65 58.8 47.6 71.4

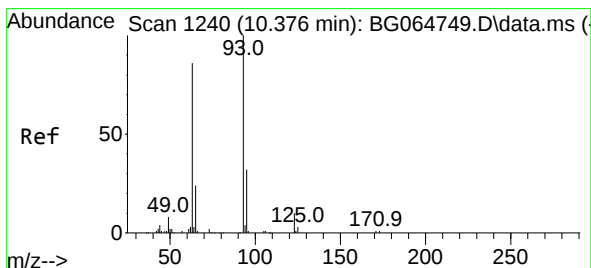
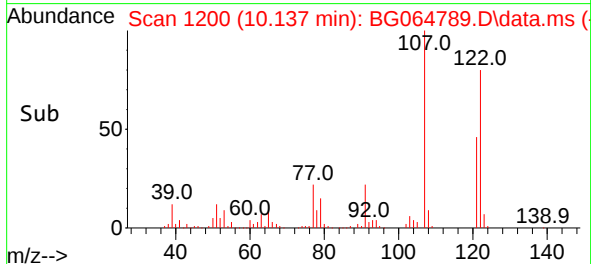
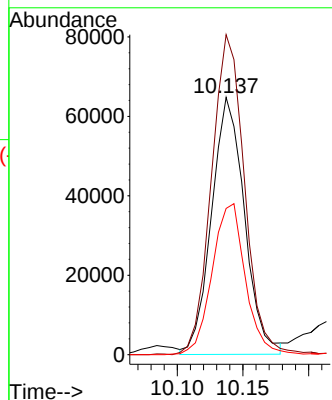
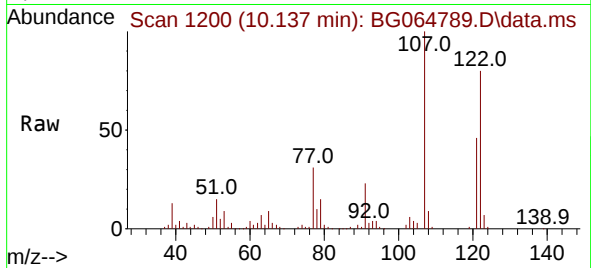




#27
2,4-Dimethylphenol
Concen: 46.985 ng
RT: 10.137 min Scan# 1199
Delta R.T. 0.002 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

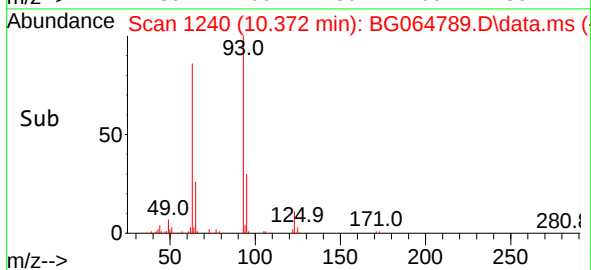
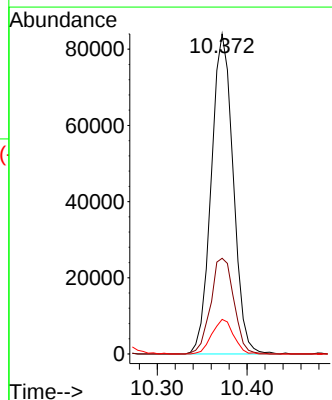
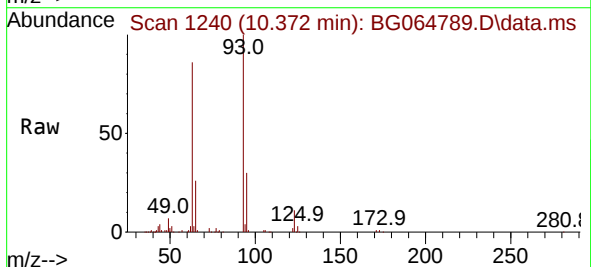
Instrument :
BNA_G
ClientSampleId :
TP-5MS

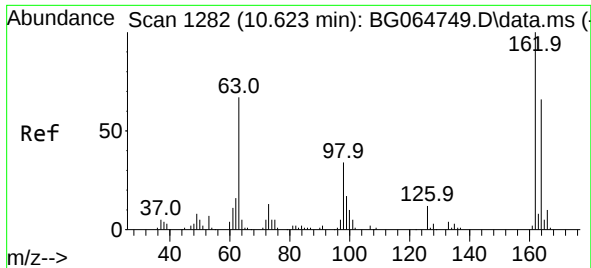
Tgt Ion:122 Resp: 112838
Ion Ratio Lower Upper
122 100
107 124.4 102.5 153.7
121 56.9 49.0 73.6



#28
bis(2-Chloroethoxy)methane
Concen: 45.760 ng
RT: 10.372 min Scan# 1240
Delta R.T. -0.004 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

Tgt Ion: 93 Resp: 142296
Ion Ratio Lower Upper
93 100
95 29.9 25.4 38.2
123 10.8 8.1 12.1

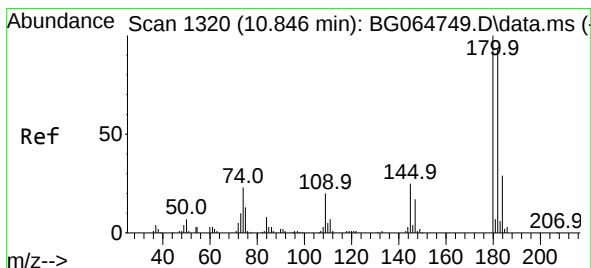
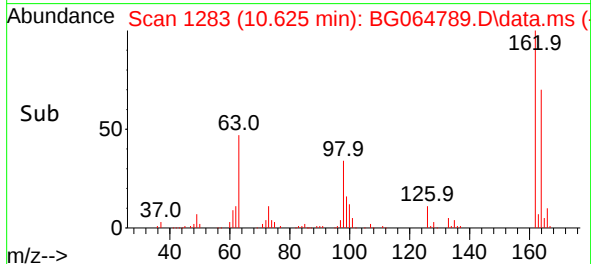
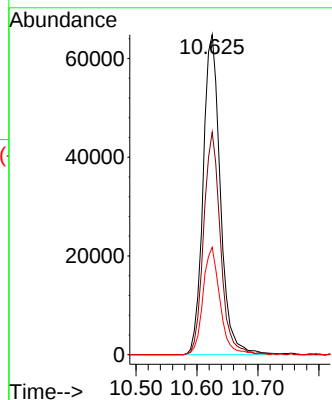
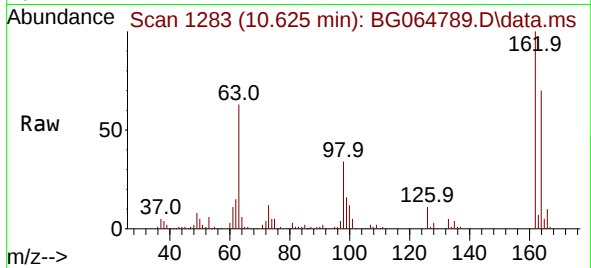




#29
2,4-Dichlorophenol
Concen: 49.598 ng
RT: 10.625 min Scan# 1282
Delta R.T. 0.002 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

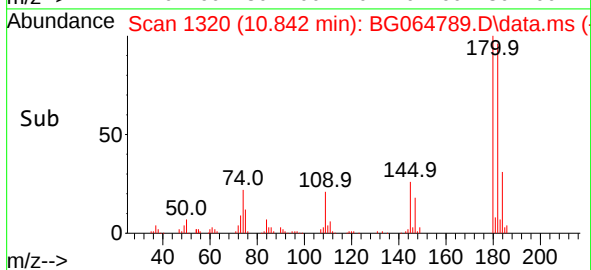
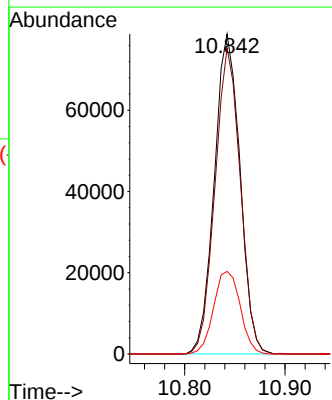
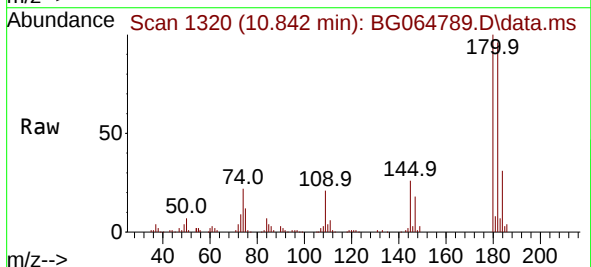
Instrument :
BNA_G
ClientSampleId :
TP-5MS

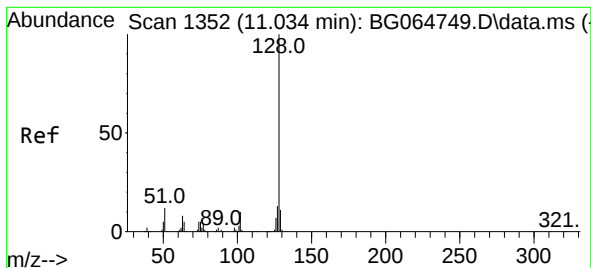
Tgt Ion:162 Resp: 127883
Ion Ratio Lower Upper
162 100
164 69.6 46.0 86.0
98 33.5 14.2 54.2



#30
1,2,4-Trichlorobenzene
Concen: 44.812 ng
RT: 10.842 min Scan# 1320
Delta R.T. -0.004 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

Tgt Ion:180 Resp: 139519
Ion Ratio Lower Upper
180 100
182 95.5 74.2 111.4
145 25.8 20.0 30.0

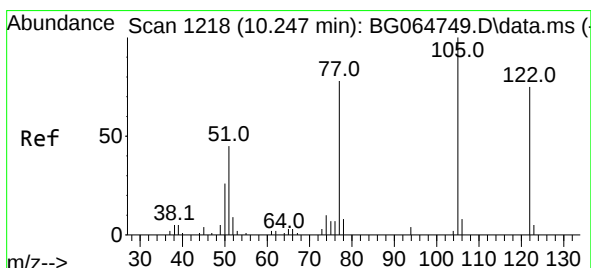
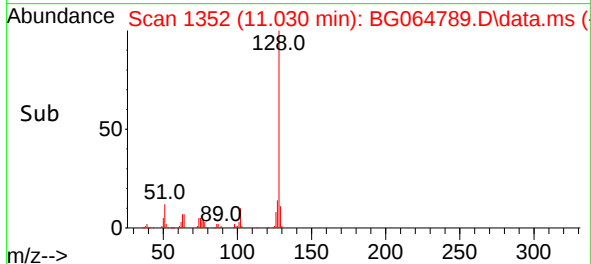
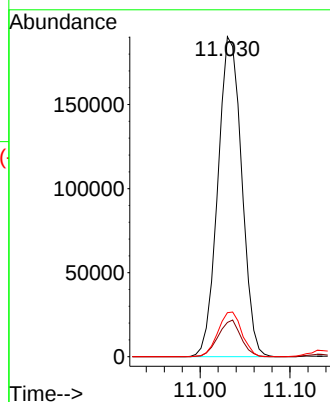
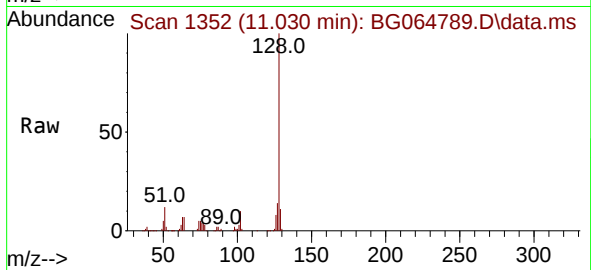




#31
Naphthalene
Concen: 42.139 ng
RT: 11.030 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

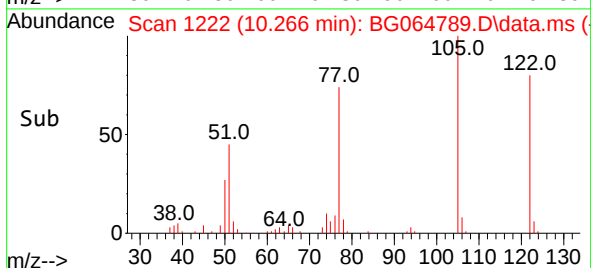
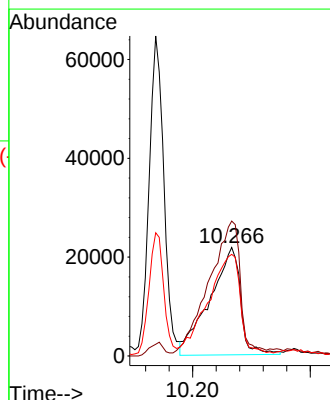
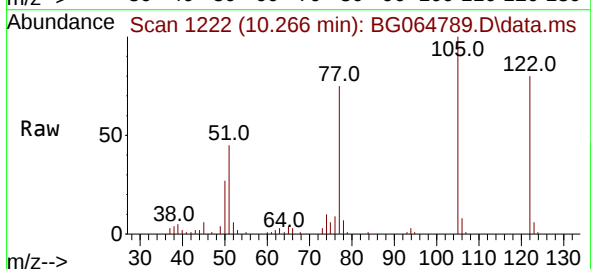
Instrument :
BNA_G
ClientSampleId :
TP-5MS

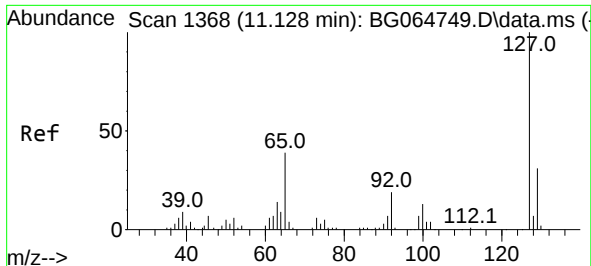
Tgt Ion:128 Resp: 351305
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.8 10.6 16.0



#32
Benzoic acid
Concen: 46.636 ng
RT: 10.266 min Scan# 1222
Delta R.T. 0.019 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

Tgt Ion:122 Resp: 78723
Ion Ratio Lower Upper
122 100
105 124.3 107.6 147.6
77 93.7 82.5 122.5

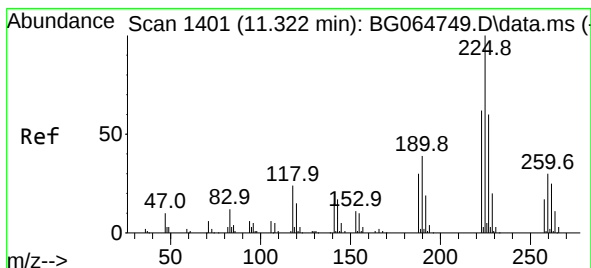
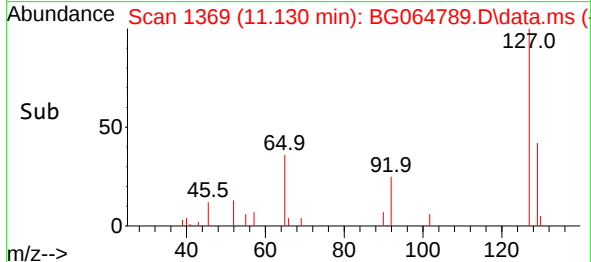
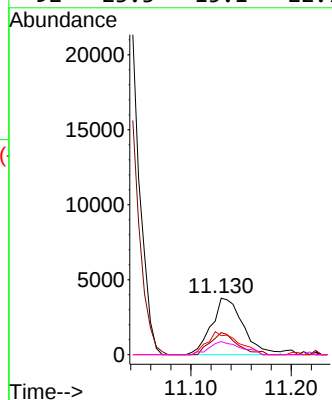
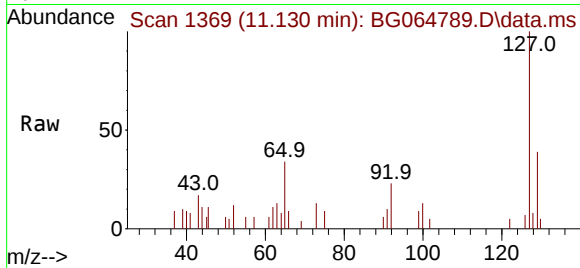




#33
4-Chloroaniline
Concen: 2.474 ng
RT: 11.130 min Scan# 11130
Delta R.T. 0.002 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

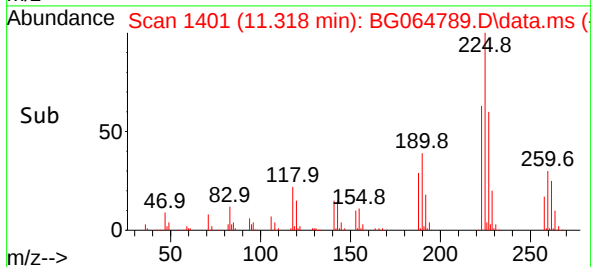
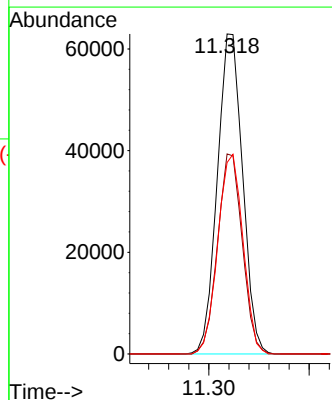
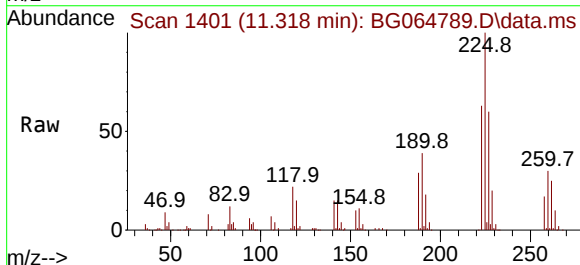
Instrument :
BNA_G
ClientSampleId :
TP-5MS

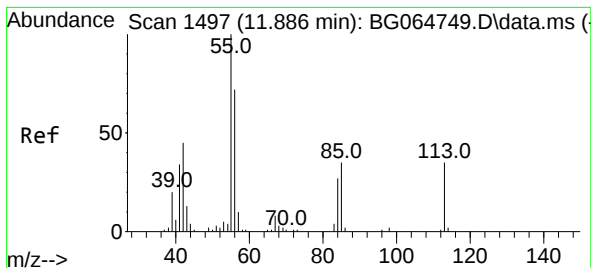
Tgt Ion:	127	Resp:	8251
Ion	Ratio	Lower	Upper
127	100		
129	39.0	24.9	37.3#
65	33.7	30.9	46.3
92	23.3	15.1	22.7#



#34
Hexachlorobutadiene
Concen: 41.199 ng
RT: 11.318 min Scan# 1401
Delta R.T. -0.004 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

Tgt Ion:	225	Resp:	110058
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.9	74.9
227	62.7	50.6	75.8

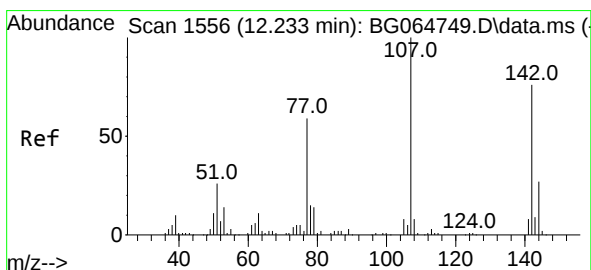
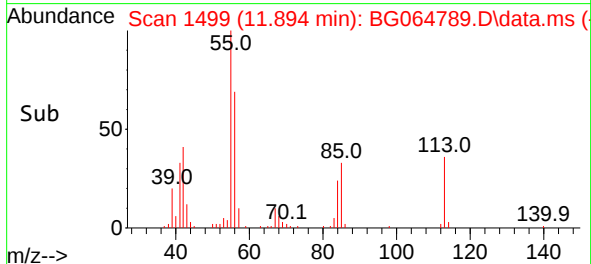
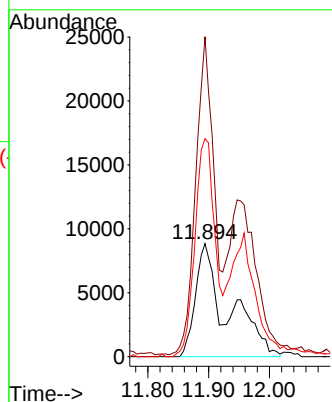
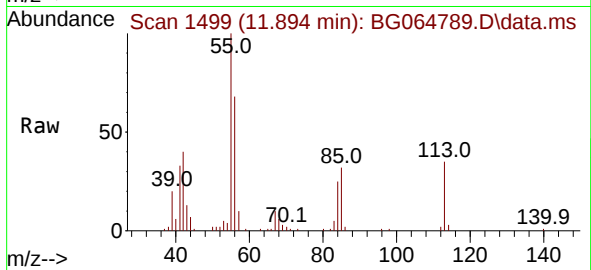




#35
 Caprolactam
 Concen: 41.899 ng m
 RT: 11.894 min Scan# 1497
 Delta R.T. 0.008 min
 Lab File: BG064789.D
 Acq: 17 Nov 2025 18:04

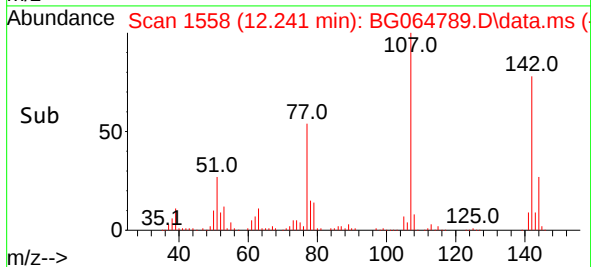
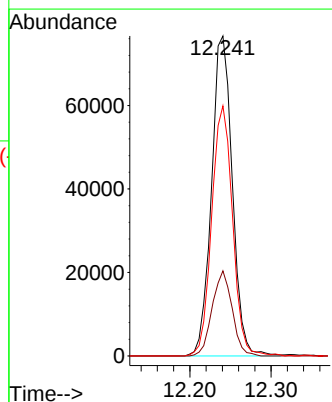
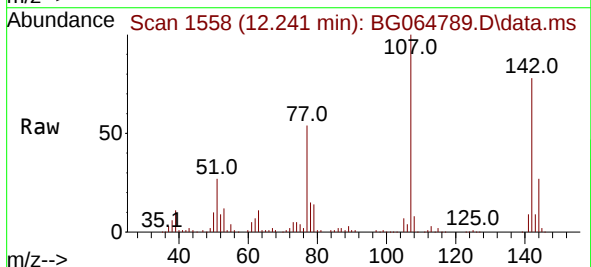
Instrument :
 BNA_G
 ClientSampleId :
 TP-5MS

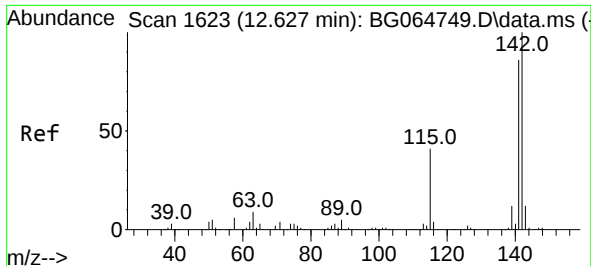
Tgt Ion:113 Resp: 32312
 Ion Ratio Lower Upper
 113 100
 55 283.0 263.7 303.7
 56 192.9 184.0 224.0



#36
 4-Chloro-3-methylphenol
 Concen: 47.501 ng
 RT: 12.241 min Scan# 1558
 Delta R.T. 0.008 min
 Lab File: BG064789.D
 Acq: 17 Nov 2025 18:04

Tgt Ion:107 Resp: 136319
 Ion Ratio Lower Upper
 107 100
 144 26.6 21.7 32.5
 142 78.2 60.8 91.2

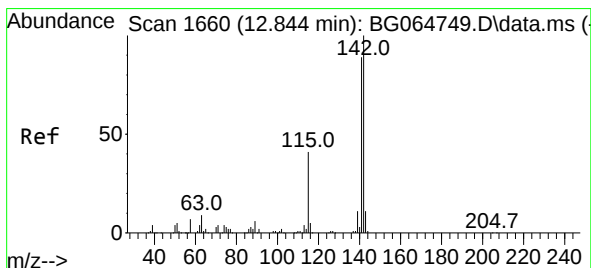
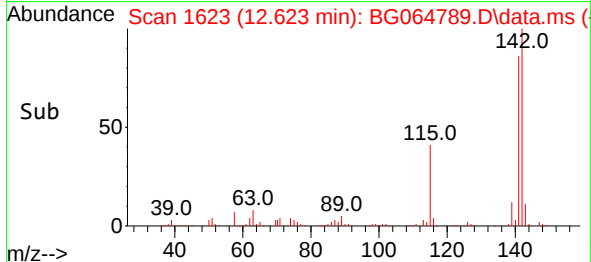
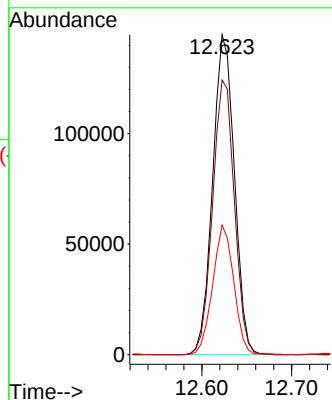
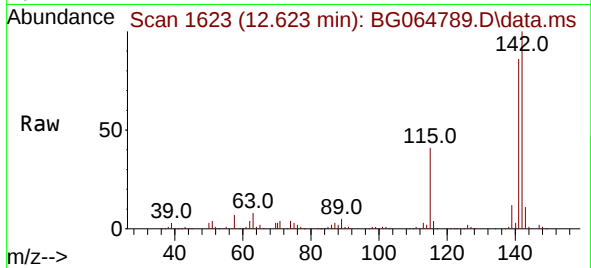




#37
2-Methylnaphthalene
Concen: 38.992 ng
RT: 12.623 min Scan# 1623
Delta R.T. -0.004 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

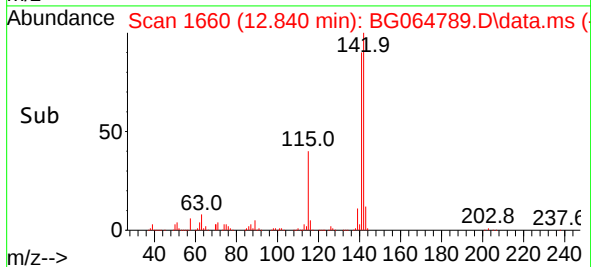
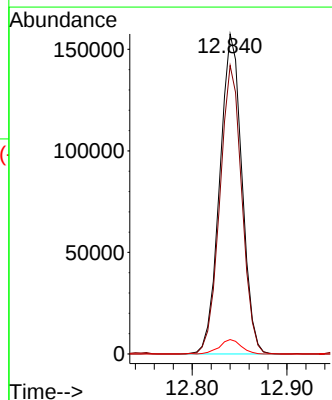
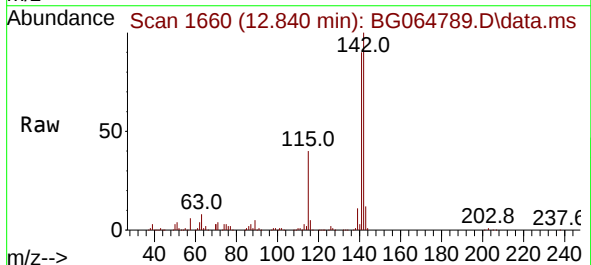
Instrument :
BNA_G
ClientSampleId :
TP-5MS

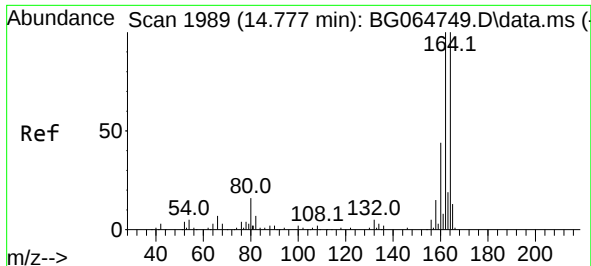
Tgt Ion:142 Resp: 243257
Ion Ratio Lower Upper
142 100
141 85.9 69.1 103.7
115 40.5 32.9 49.3



#38
1-Methylnaphthalene
Concen: 41.370 ng
RT: 12.840 min Scan# 1660
Delta R.T. -0.004 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

Tgt Ion:142 Resp: 256377
Ion Ratio Lower Upper
142 100
141 90.1 70.8 106.2
116 4.5 3.7 5.5

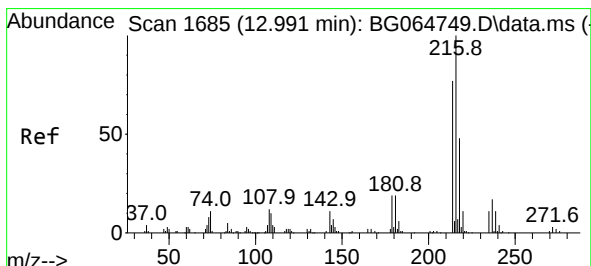
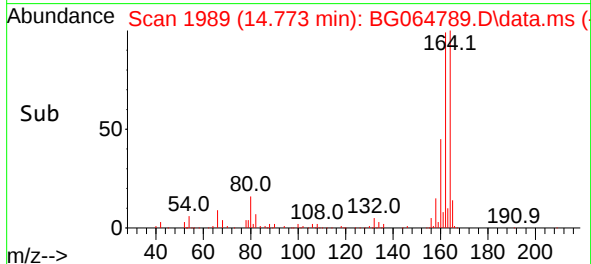
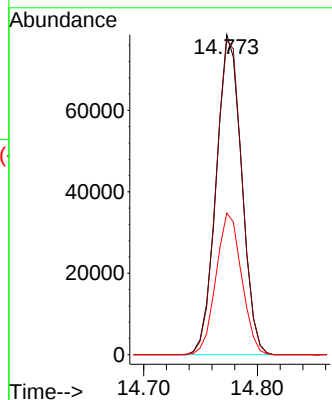
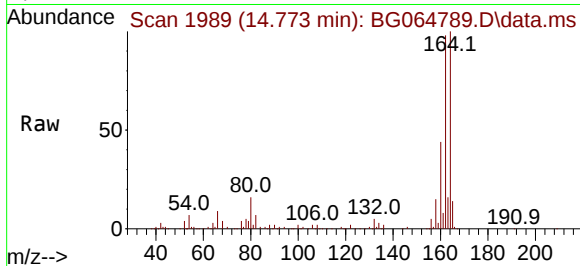




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.773 min Scan# 1989
Delta R.T. -0.004 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

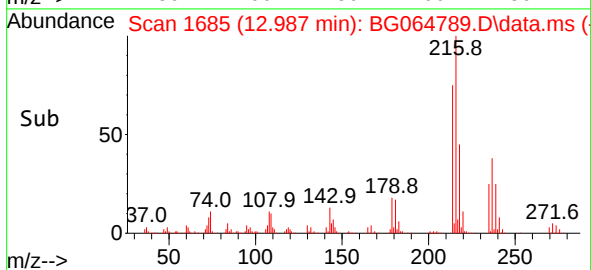
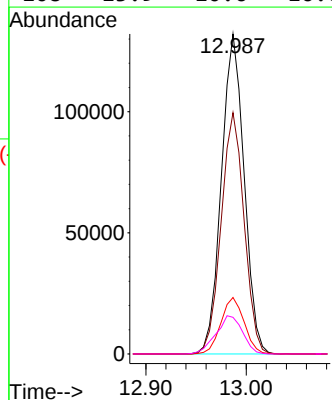
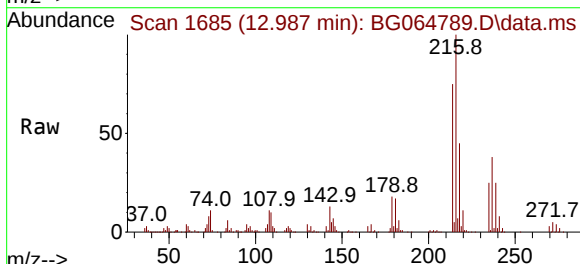
Instrument :
BNA_G
ClientSampleId :
TP-5MS

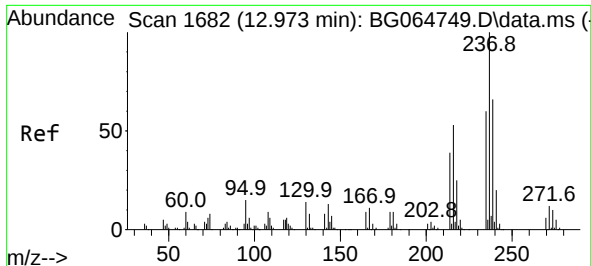
Tgt Ion:164 Resp: 121996
Ion Ratio Lower Upper
164 100
162 98.3 79.8 119.6
160 44.2 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.710 ng
RT: 12.987 min Scan# 1685
Delta R.T. -0.004 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

Tgt Ion:216 Resp: 207523
Ion Ratio Lower Upper
216 100
214 76.1 60.5 90.7
179 18.1 14.7 22.1
108 13.9 10.6 16.0

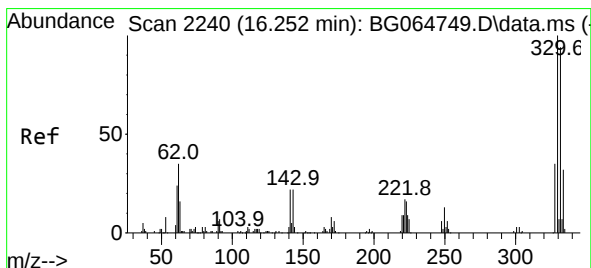
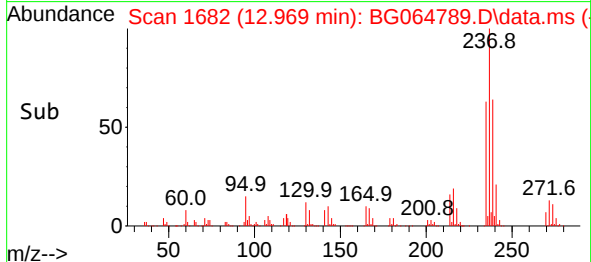
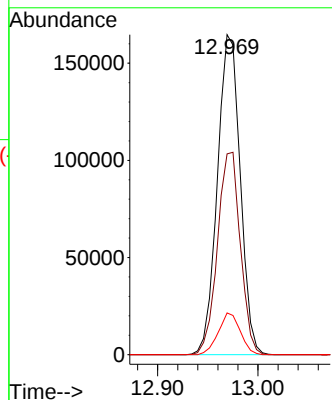
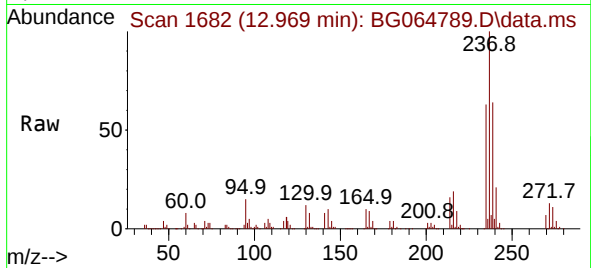




#41
Hexachlorocyclopentadiene
Concen: 76.487 ng
RT: 12.969 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

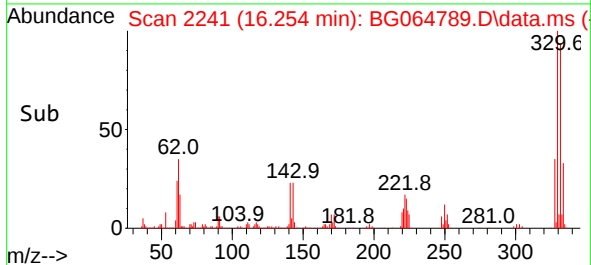
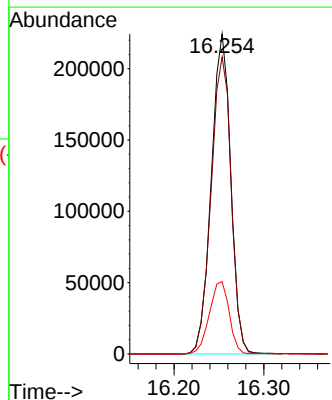
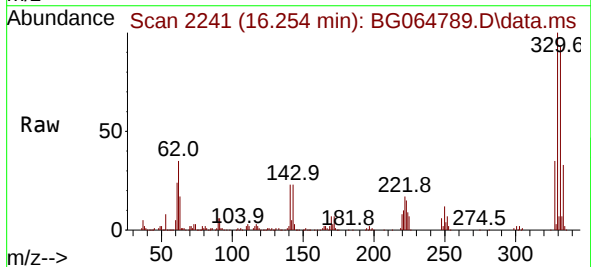
Instrument :
BNA_G
ClientSampleId :
TP-5MS

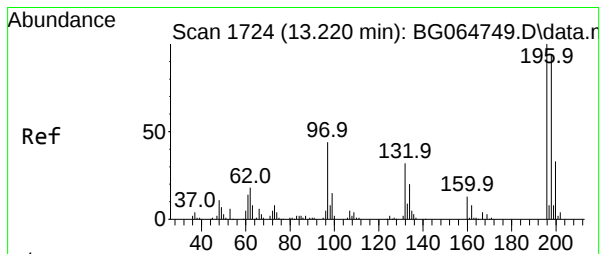
Tgt Ion:237 Resp: 260288
Ion Ratio Lower Upper
237 100
235 62.7 40.2 80.2
272 13.0 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 141.689 ng
RT: 16.254 min Scan# 2241
Delta R.T. 0.002 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

Tgt Ion:330 Resp: 337120
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 23.1 18.2 27.2





#43

2,4,6-Trichlorophenol

Concen: 47.664 ng

RT: 13.216 min Scan# 1724

Delta R.T. -0.004 min

Lab File: BG064789.D

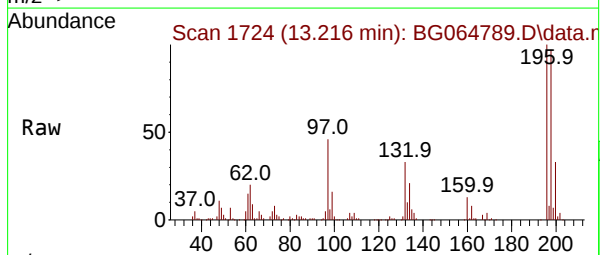
Acq: 17 Nov 2025 18:04

Instrument :

BNA_G

ClientSampleId :

TP-5MS



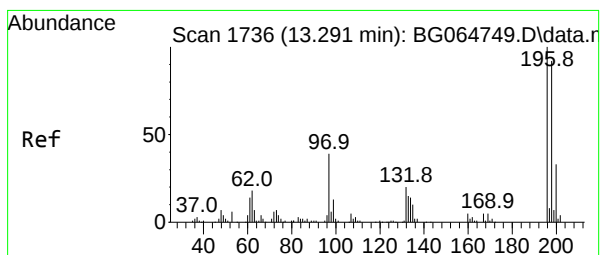
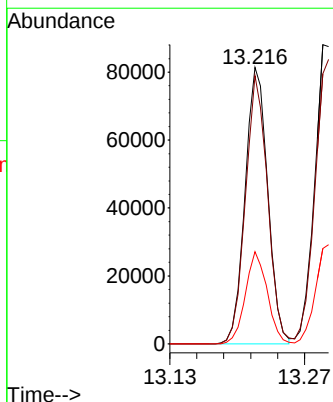
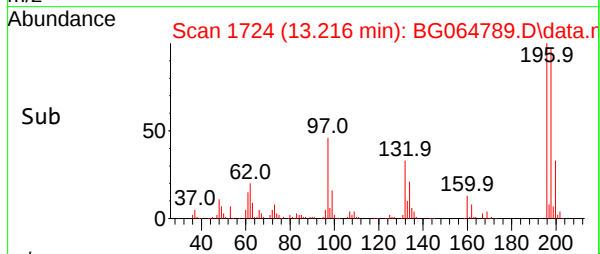
Tgt Ion:196 Resp: 132816

Ion Ratio Lower Upper

196 100

198 97.0 75.3 112.9

200 33.4 26.2 39.2



#44

2,4,5-Trichlorophenol

Concen: 48.139 ng

RT: 13.286 min Scan# 1736

Delta R.T. -0.004 min

Lab File: BG064789.D

Acq: 17 Nov 2025 18:04

Tgt Ion:196 Resp: 150448

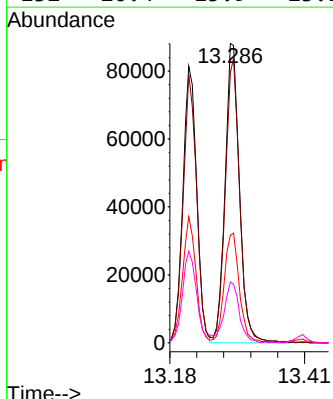
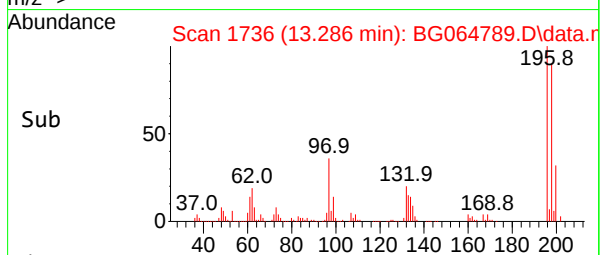
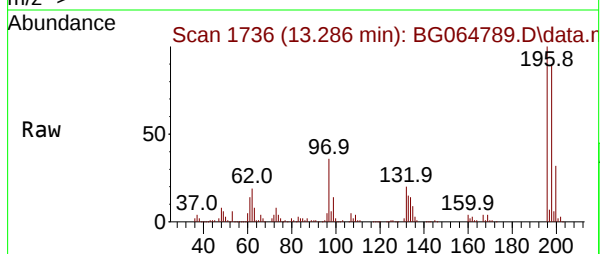
Ion Ratio Lower Upper

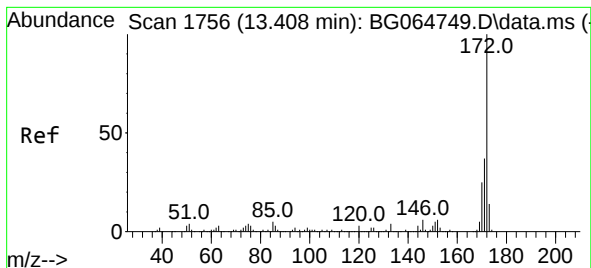
196 100

198 90.3 73.2 109.8

97 35.9 31.4 47.0

132 20.4 15.9 23.9





#45

2-Fluorobiphenyl

Concen: 86.434 ng

RT: 13.410 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG064789.D

Acq: 17 Nov 2025 18:04

Instrument :

BNA_G

ClientSampleId :

TP-5MS

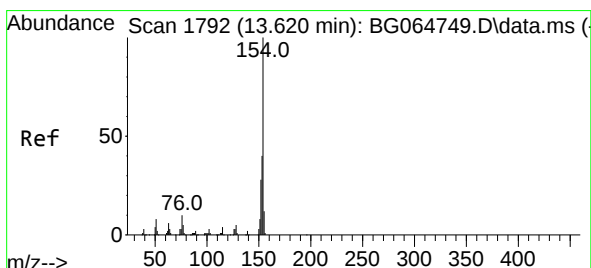
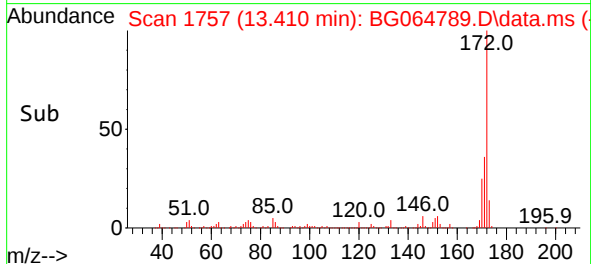
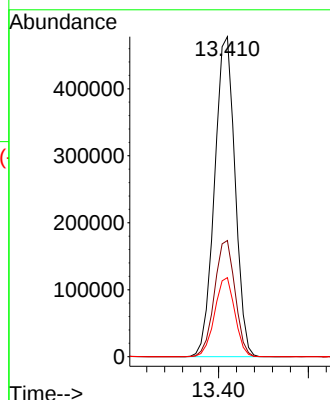
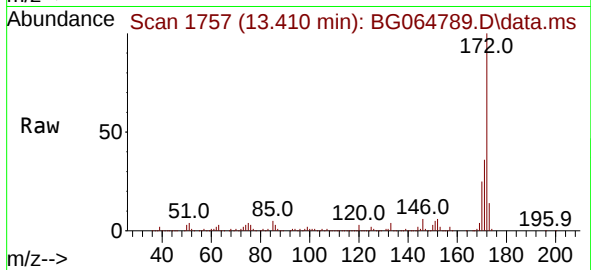
Tgt Ion:172 Resp: 755696

Ion Ratio Lower Upper

172 100

171 36.3 29.9 44.9

170 24.7 19.8 29.6



#46

1,1'-Biphenyl

Concen: 43.458 ng

RT: 13.615 min Scan# 1792

Delta R.T. -0.004 min

Lab File: BG064789.D

Acq: 17 Nov 2025 18:04

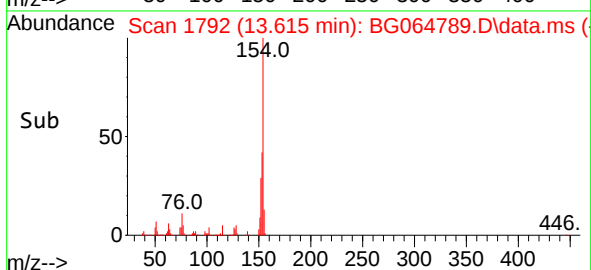
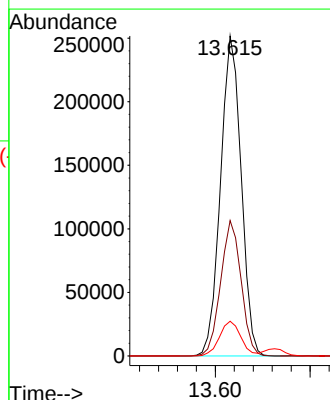
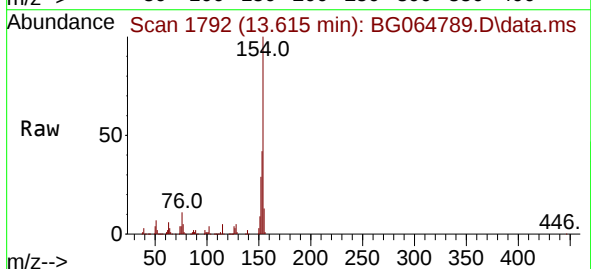
Tgt Ion:154 Resp: 380785

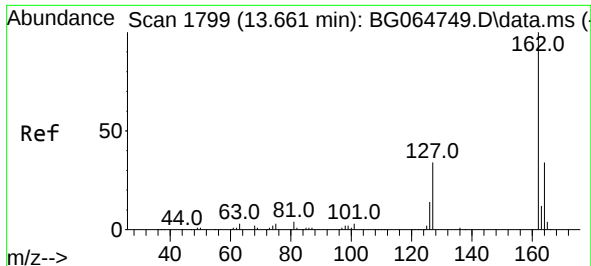
Ion Ratio Lower Upper

154 100

153 42.3 19.8 59.8

76 10.8 0.0 30.0

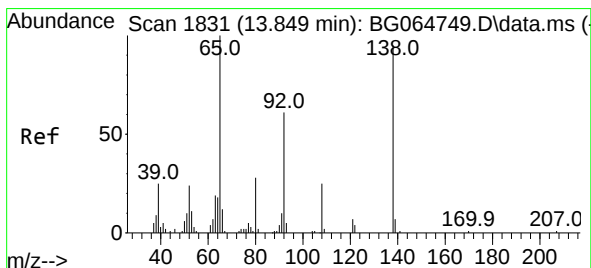
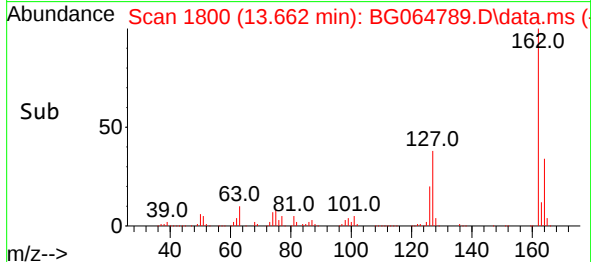
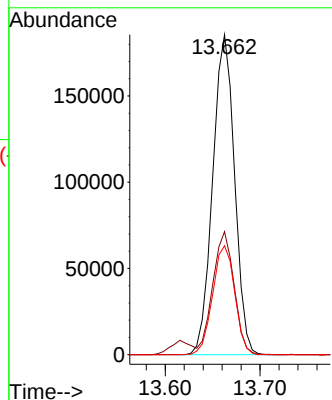
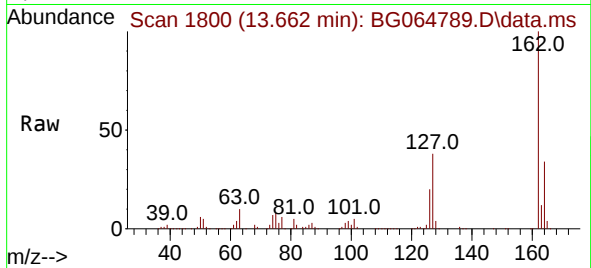




#47
2-Chloronaphthalene
Concen: 43.014 ng
RT: 13.662 min Scan# 1799
Delta R.T. 0.002 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

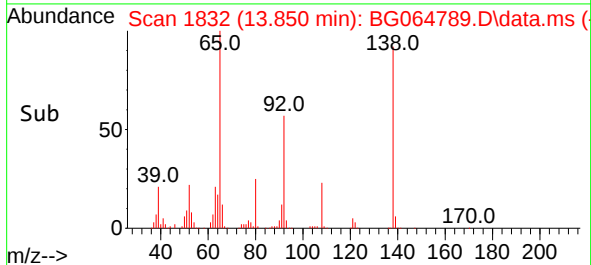
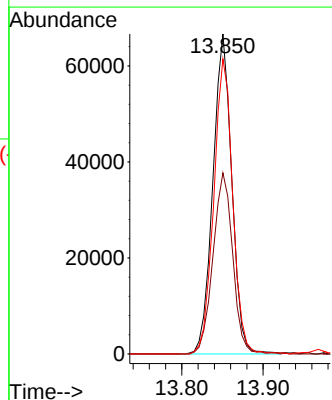
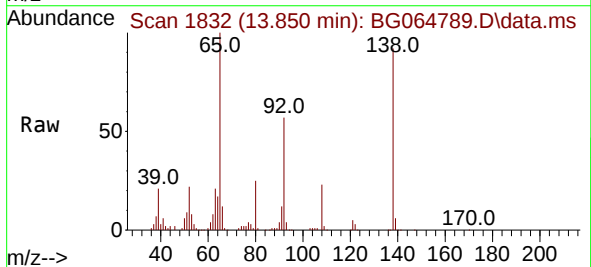
Instrument :
BNA_G
ClientSampleId :
TP-5MS

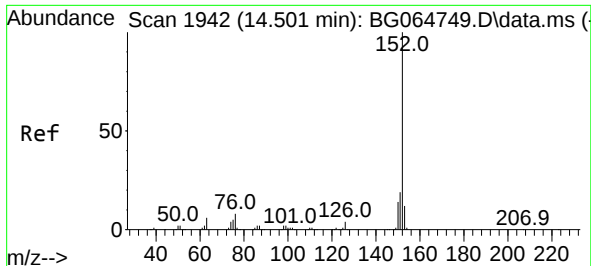
Tgt Ion:162 Resp: 296930
Ion Ratio Lower Upper
162 100
127 38.4 30.3 45.5
164 34.0 26.8 40.2



#48
2-Nitroaniline
Concen: 48.550 ng
RT: 13.850 min Scan# 1832
Delta R.T. 0.002 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

Tgt Ion: 65 Resp: 107795
Ion Ratio Lower Upper
65 100
92 56.6 48.6 73.0
138 92.2 76.4 114.6

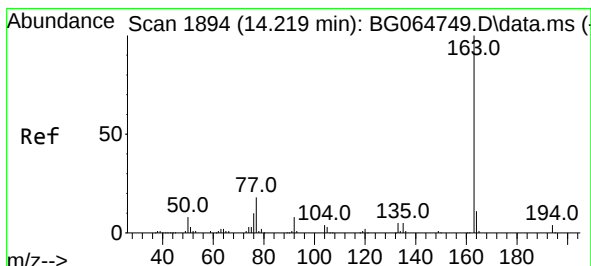
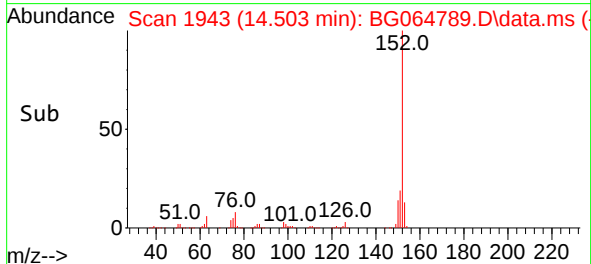
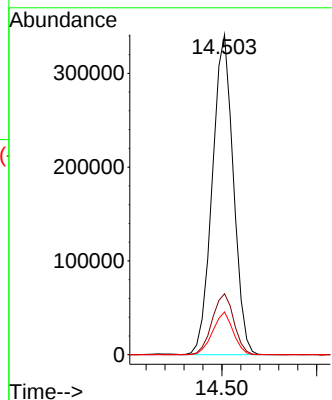
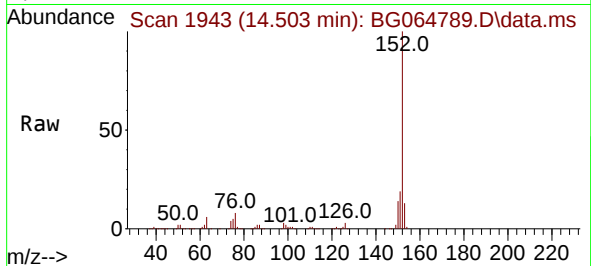




#49
Acenaphthylene
Concen: 44.519 ng
RT: 14.503 min Scan# 1943
Delta R.T. 0.002 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

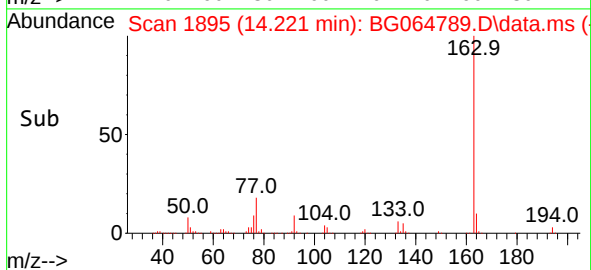
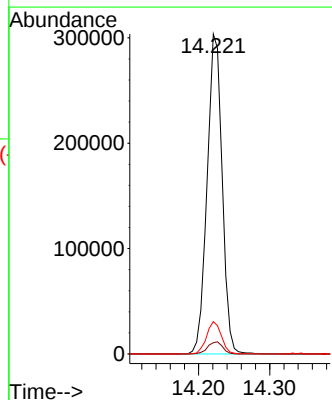
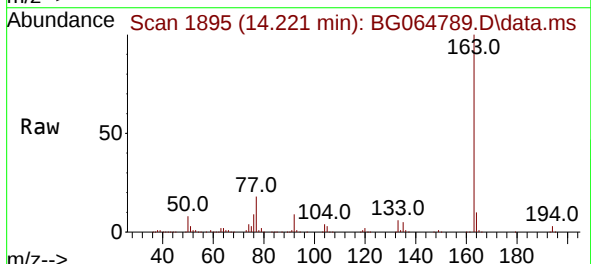
Instrument :
BNA_G
ClientSampleId :
TP-5MS

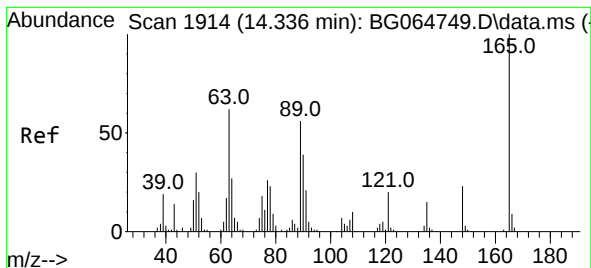
Tgt Ion:152 Resp: 525028
Ion Ratio Lower Upper
152 100
151 19.0 15.0 22.4
153 13.4 9.9 14.9



#50
Dimethylphthalate
Concen: 46.420 ng
RT: 14.221 min Scan# 1895
Delta R.T. 0.002 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

Tgt Ion:163 Resp: 447341
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 10.1 8.6 12.8

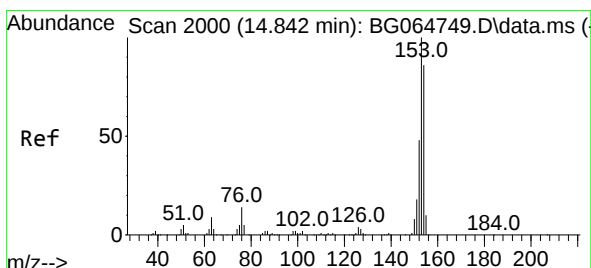
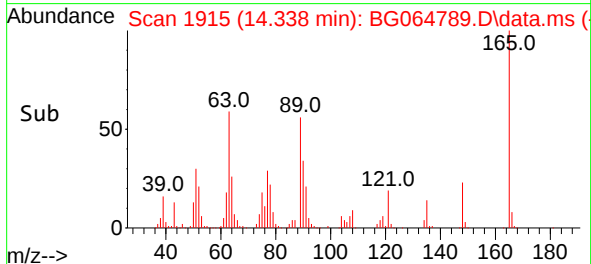
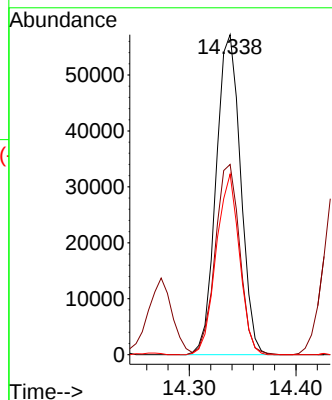
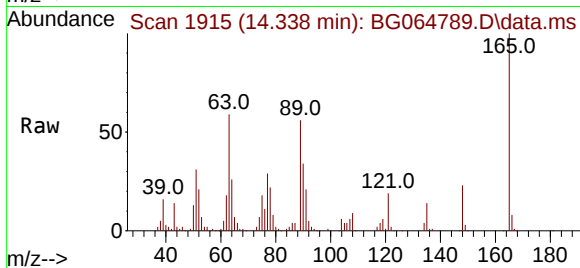




#51
2,6-Dinitrotoluene
Concen: 49.178 ng
RT: 14.338 min Scan# 1914
Delta R.T. 0.002 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

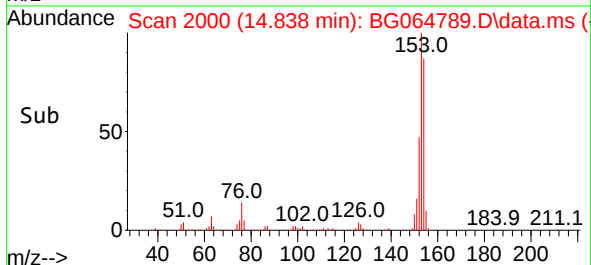
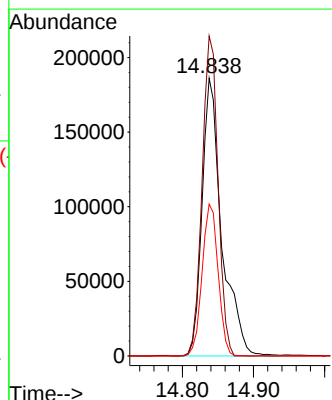
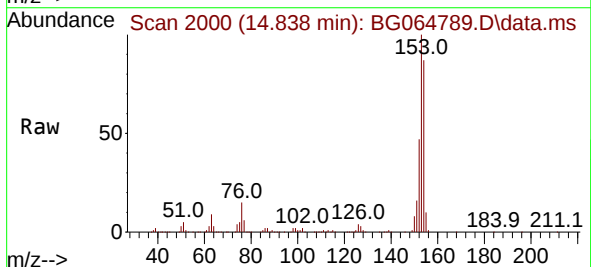
Instrument :
BNA_G
ClientSampleId :
TP-5MS

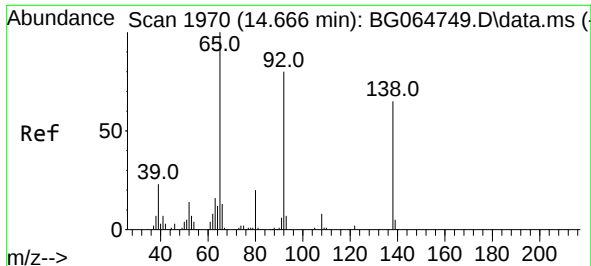
Tgt Ion:165 Resp: 91195
Ion Ratio Lower Upper
165 100
63 59.4 49.8 74.8
89 56.5 45.0 67.4



#52
Acenaphthene
Concen: 50.832 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

Tgt Ion:154 Resp: 359438
Ion Ratio Lower Upper
154 100
153 115.2 93.0 139.4
152 54.7 44.4 66.6

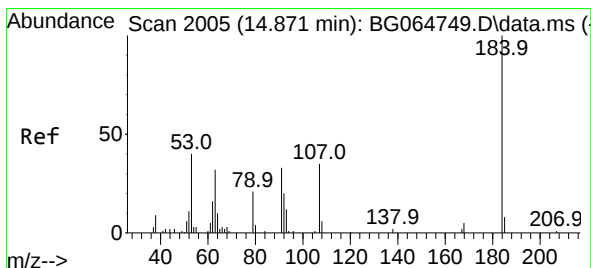
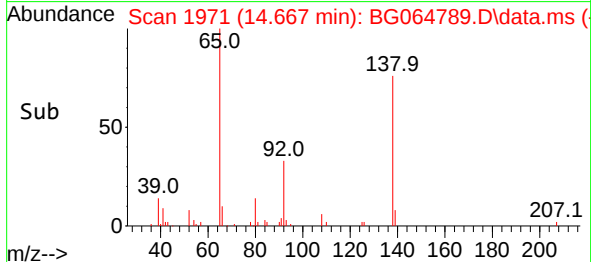
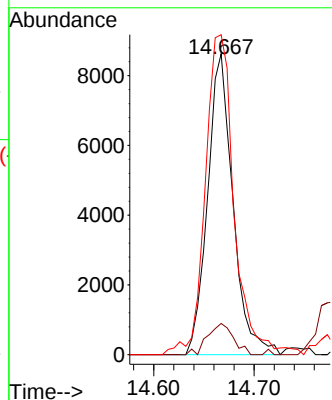
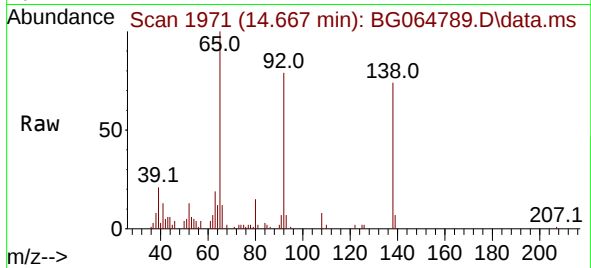




#53
3-Nitroaniline
Concen: 8.289 ng
RT: 14.667 min Scan# 1970
Delta R.T. 0.002 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

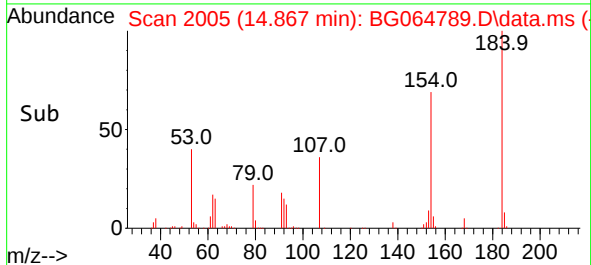
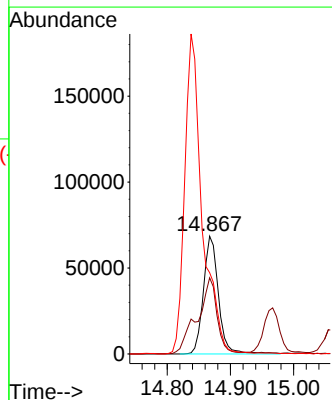
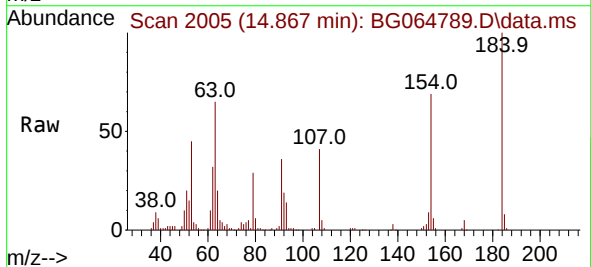
Instrument :
BNA_G
ClientSampleId :
TP-5MS

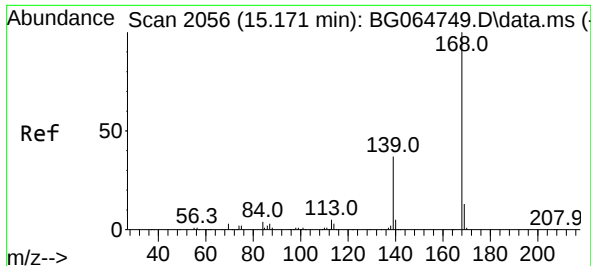
Tgt Ion:138 Resp: 15171
Ion Ratio Lower Upper
138 100
108 10.4 9.5 14.3
92 106.3 99.0 148.4



#54
2,4-Dinitrophenol
Concen: 88.584 ng
RT: 14.867 min Scan# 2005
Delta R.T. -0.004 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

Tgt Ion:184 Resp: 113835
Ion Ratio Lower Upper
184 100
63 64.6 45.8 68.6
154 69.1 52.6 78.8

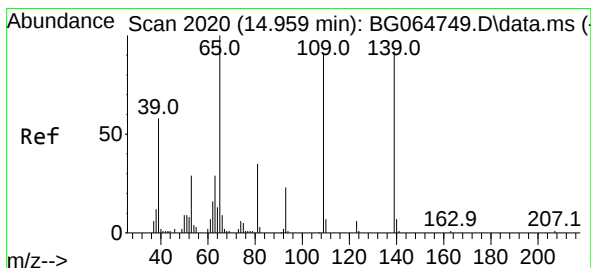
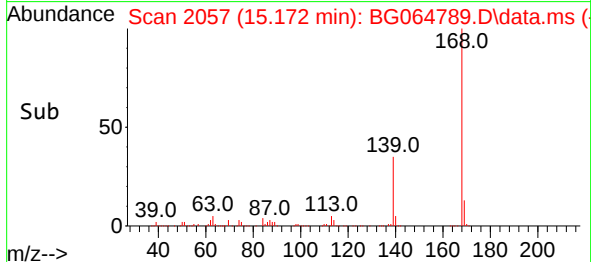
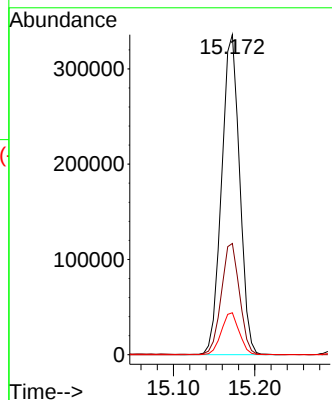
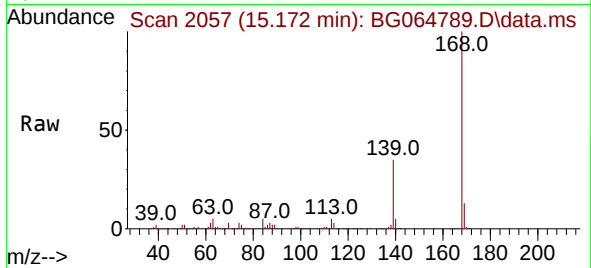




#55
Dibenzenofuran
Concen: 44.339 ng
RT: 15.172 min Scan# 2056
Delta R.T. 0.002 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

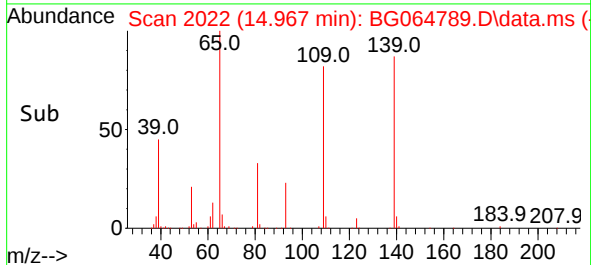
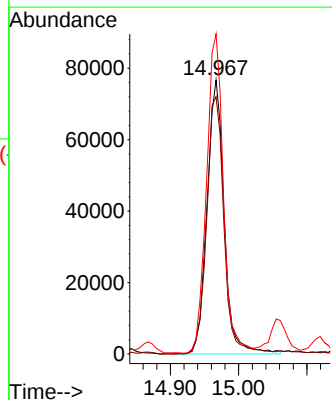
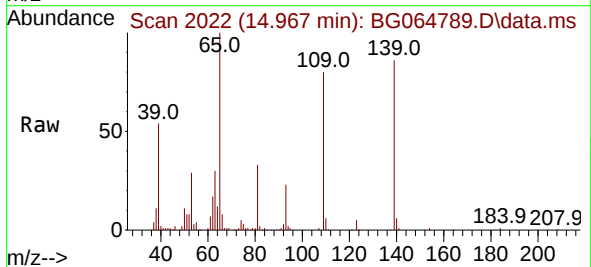
Instrument :
BNA_G
ClientSampleId :
TP-5MS

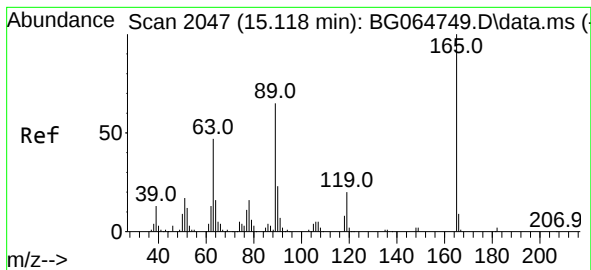
Tgt Ion:168 Resp: 518334
Ion Ratio Lower Upper
168 100
139 34.7 29.5 44.3
169 13.1 10.4 15.6



#56
4-Nitrophenol
Concen: 92.921 ng
RT: 14.967 min Scan# 2022
Delta R.T. 0.008 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

Tgt Ion:139 Resp: 134931
Ion Ratio Lower Upper
139 100
109 93.9 79.7 119.7
65 116.8 89.9 129.9

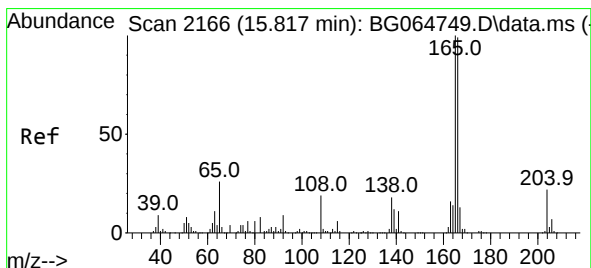
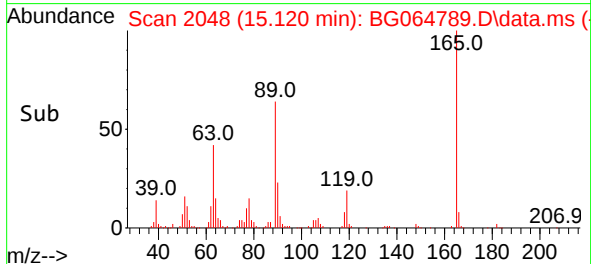
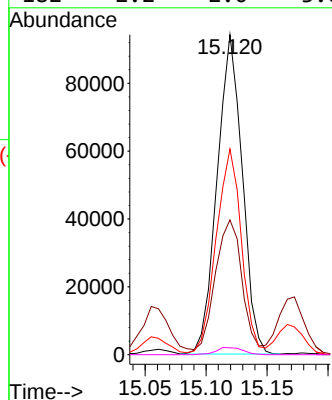
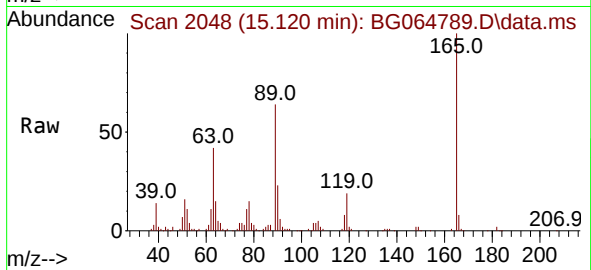




#57
2,4-Dinitrotoluene
Concen: 48.615 ng
RT: 15.120 min Scan# 2048
Delta R.T. 0.002 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

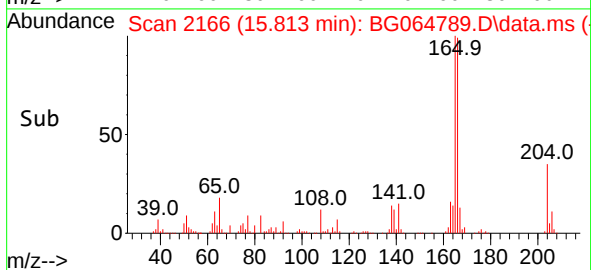
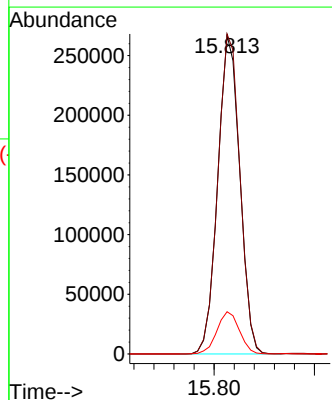
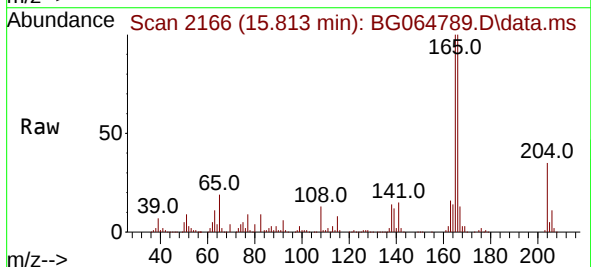
Instrument :
BNA_G
ClientSampleId :
TP-5MS

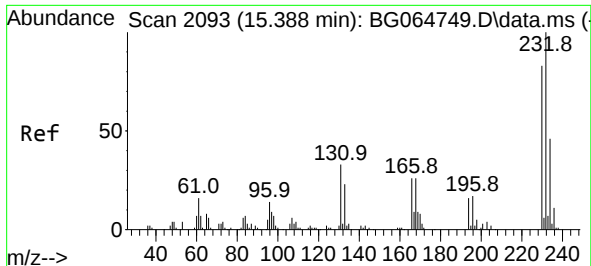
Tgt Ion:165 Resp: 135152
Ion Ratio Lower Upper
165 100
63 42.1 37.8 56.6
89 64.3 51.6 77.4
182 2.2 2.0 3.0



#58
Fluorene
Concen: 44.361 ng
RT: 15.813 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

Tgt Ion:166 Resp: 406733
Ion Ratio Lower Upper
166 100
165 100.4 80.5 120.7
167 13.3 10.3 15.5

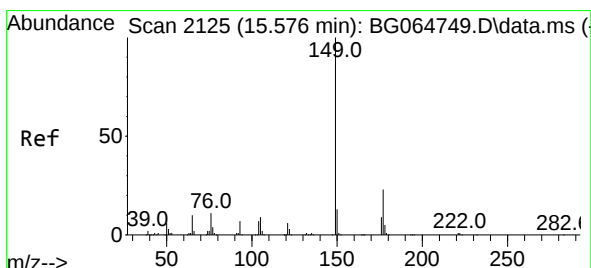
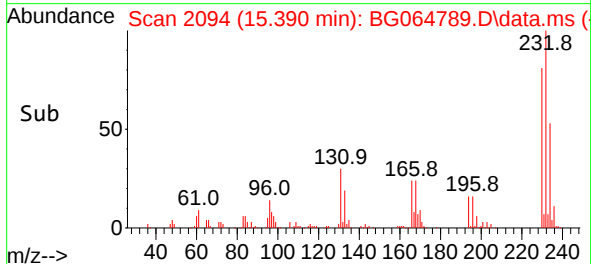
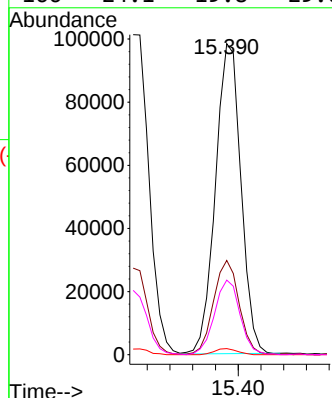
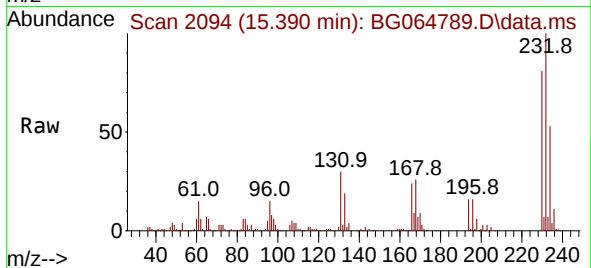




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.633 ng
RT: 15.390 min Scan# 2094
Delta R.T. 0.002 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

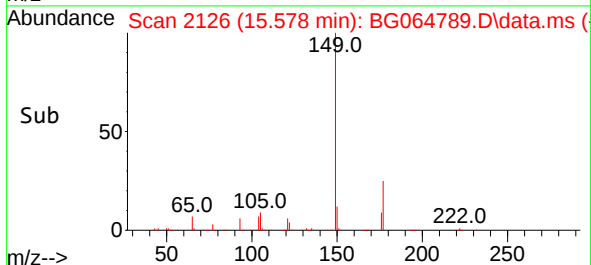
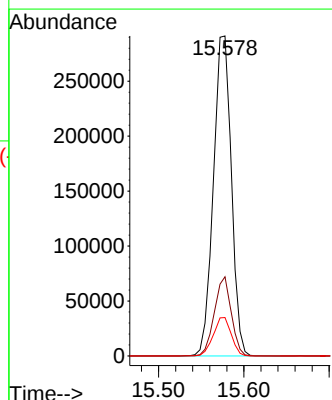
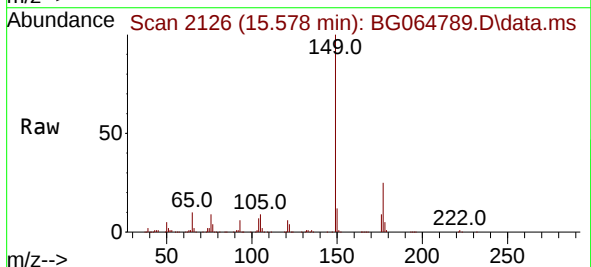
Instrument :
BNA_G
ClientSampleId :
TP-5MS

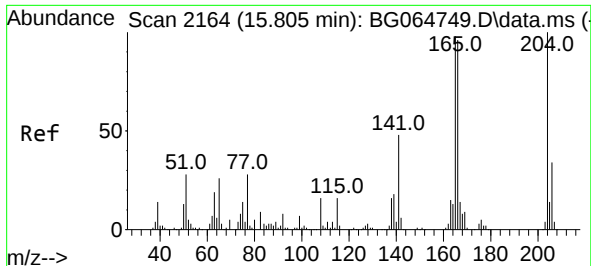
Tgt Ion:232 Resp: 153046
Ion Ratio Lower Upper
232 100
131 30.7 26.0 39.0
130 1.8 1.6 2.4
166 24.1 19.8 29.6



#60
Diethylphthalate
Concen: 46.116 ng
RT: 15.578 min Scan# 2126
Delta R.T. 0.002 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

Tgt Ion:149 Resp: 425730
Ion Ratio Lower Upper
149 100
177 24.7 18.4 27.6
150 12.0 10.1 15.1

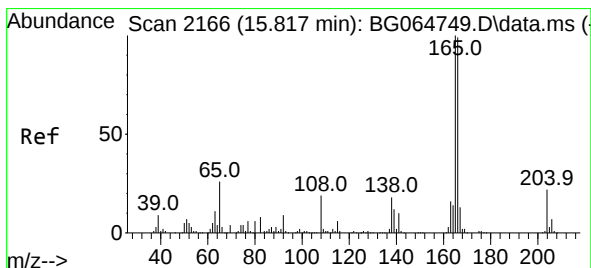
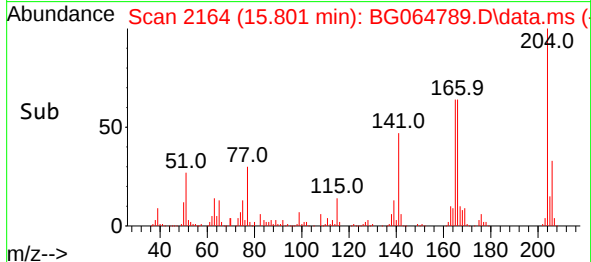
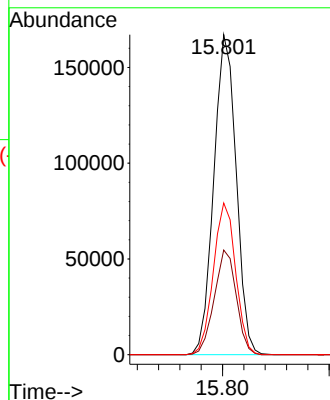
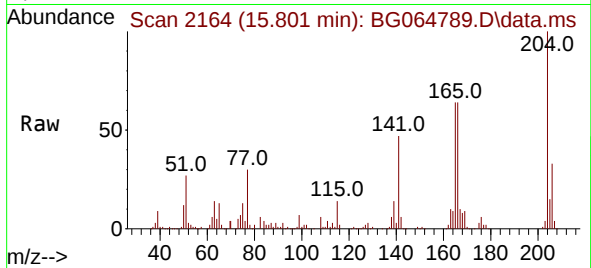




#61
4-Chlorophenyl-phenylether
Concen: 44.152 ng
RT: 15.801 min Scan# 2164
Delta R.T. -0.004 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

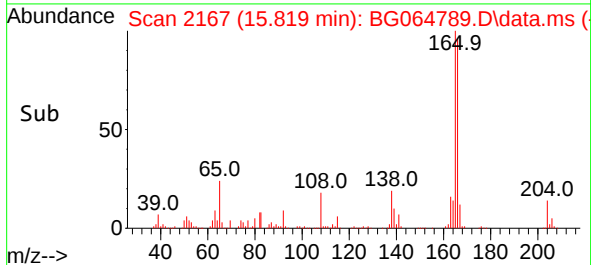
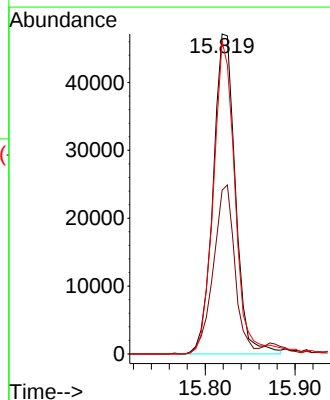
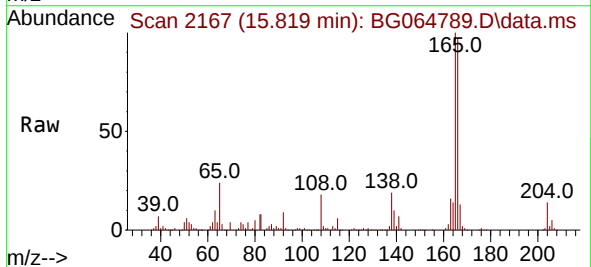
Instrument :
BNA_G
ClientSampleId :
TP-5MS

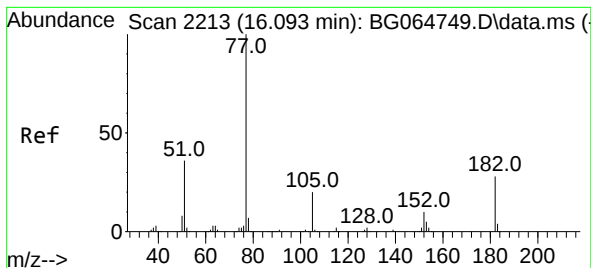
Tgt Ion:204 Resp: 242945
Ion Ratio Lower Upper
204 100
206 32.7 26.9 40.3
141 47.4 38.1 57.1



#62
4-Nitroaniline
Concen: 42.688 ng
RT: 15.819 min Scan# 2167
Delta R.T. 0.002 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

Tgt Ion:138 Resp: 80939
Ion Ratio Lower Upper
138 100
92 51.2 30.7 70.7
108 97.7 85.7 125.7





#63

Azobenzene

Concen: 45.951 ng

RT: 16.095 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG064789.D

Acq: 17 Nov 2025 18:04

Instrument :

BNA_G

ClientSampleId :

TP-5MS

Tgt Ion: 77 Resp: 352838

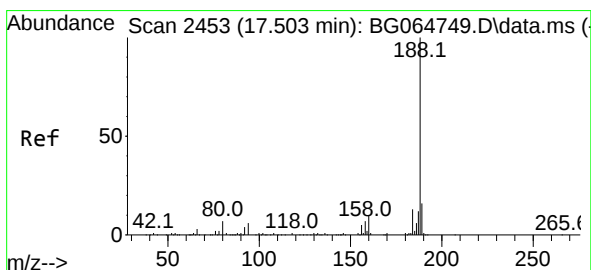
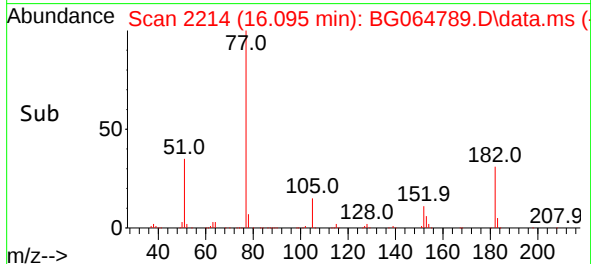
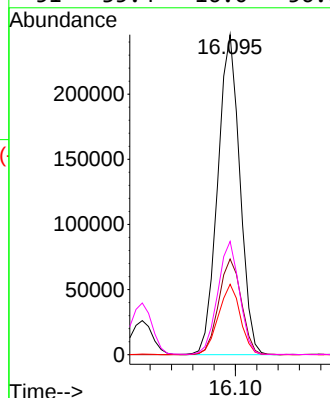
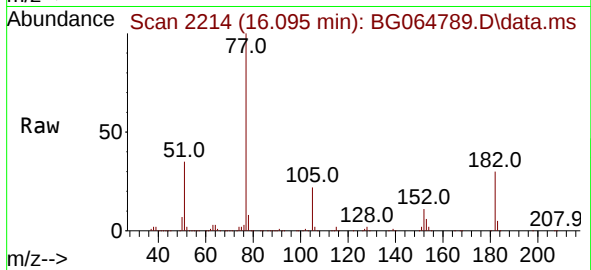
Ion Ratio Lower Upper

77 100

182 29.9 8.1 48.1

105 22.0 0.1 40.1

51 35.4 16.0 56.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.505 min Scan# 2454

Delta R.T. 0.002 min

Lab File: BG064789.D

Acq: 17 Nov 2025 18:04

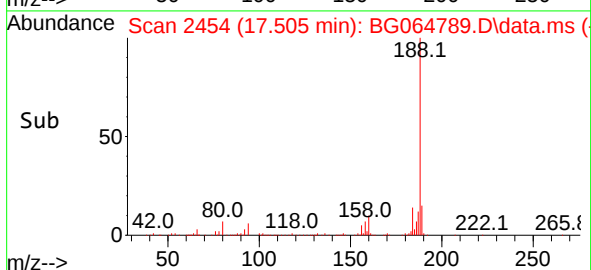
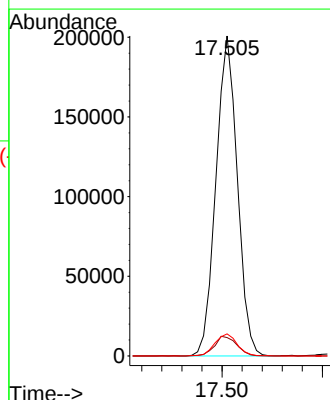
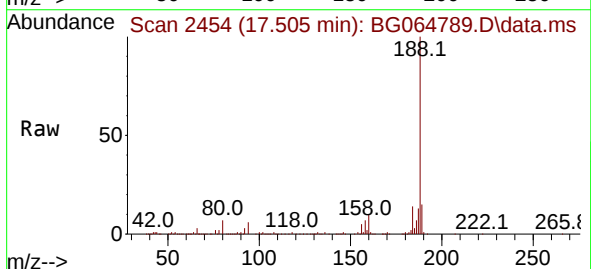
Tgt Ion:188 Resp: 296618

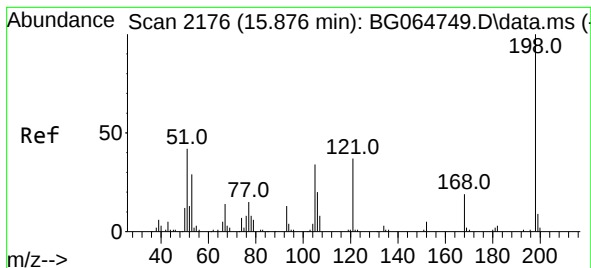
Ion Ratio Lower Upper

188 100

94 5.8 4.7 7.1

80 6.9 5.4 8.2

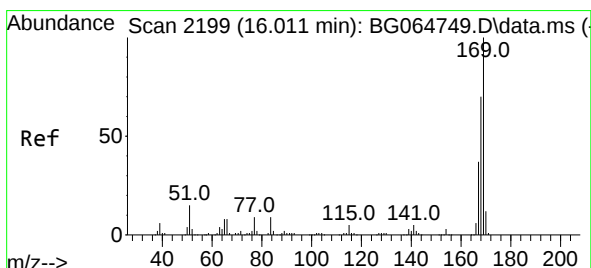
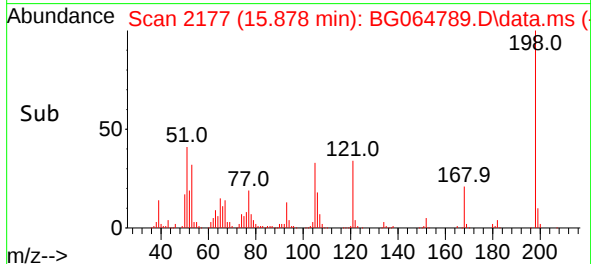
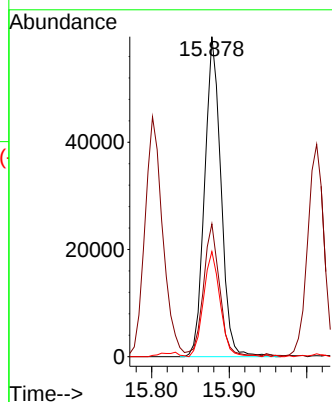
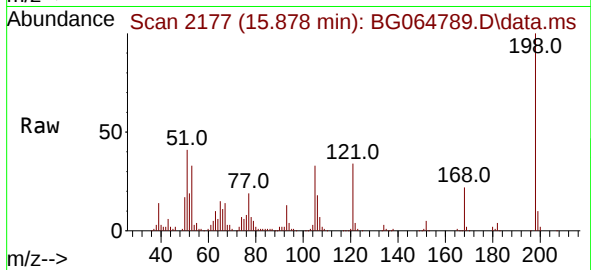




#65
4,6-Dinitro-2-methylphenol
Concen: 53.102 ng
RT: 15.878 min Scan# 2176
Delta R.T. 0.002 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

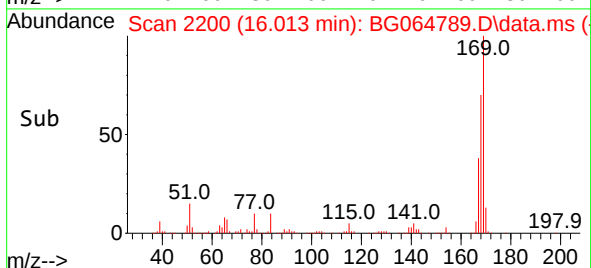
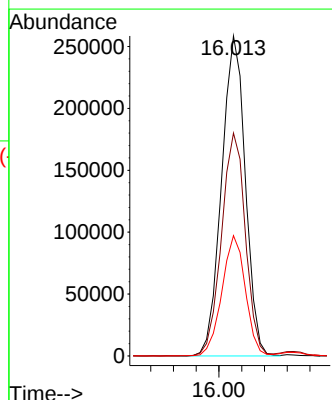
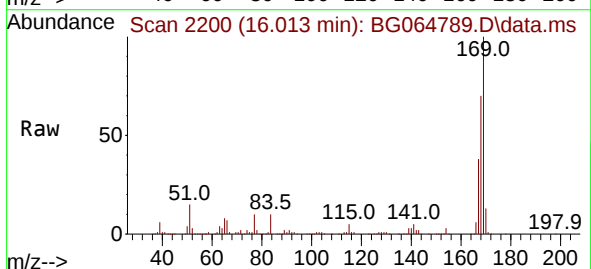
Instrument :
BNA_G
ClientSampleId :
TP-5MS

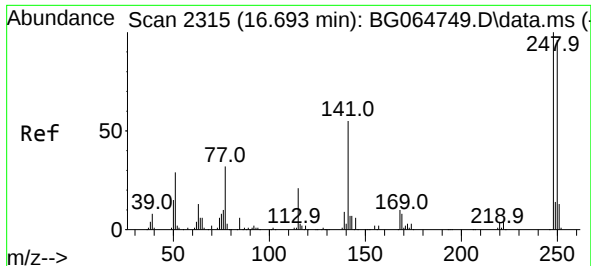
Tgt Ion:198 Resp: 87453
Ion Ratio Lower Upper
198 100
51 41.5 25.2 65.2
105 32.9 14.2 54.2



#66
n-Nitrosodiphenylamine
Concen: 48.195 ng
RT: 16.013 min Scan# 2200
Delta R.T. 0.002 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

Tgt Ion:169 Resp: 374445
Ion Ratio Lower Upper
169 100
168 69.7 55.9 83.9
167 37.6 29.8 44.6

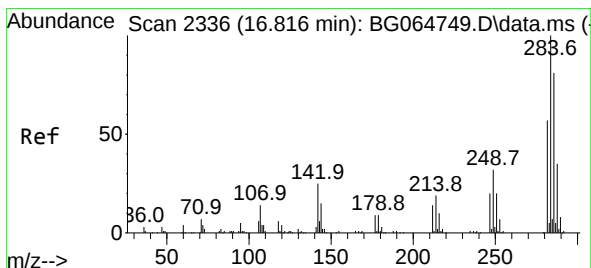
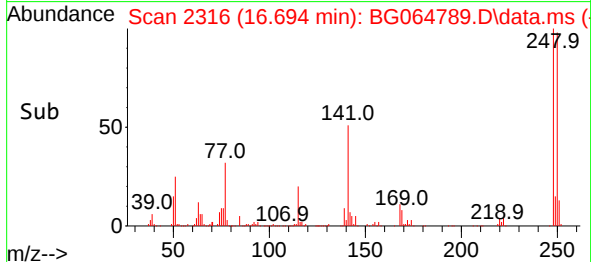
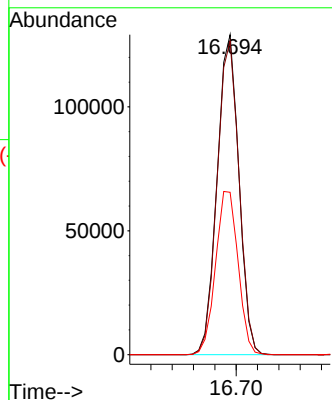
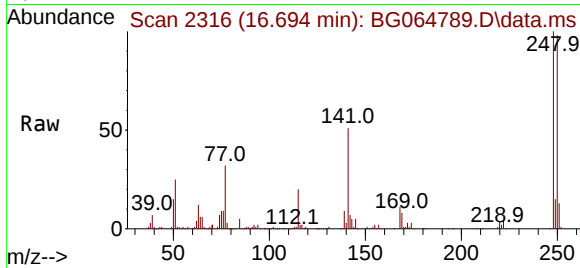




#67
4-Bromophenyl-phenylether
Concen: 46.969 ng
RT: 16.694 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

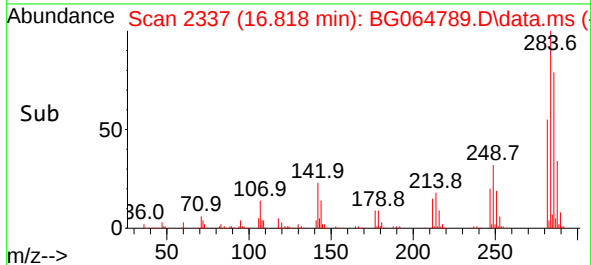
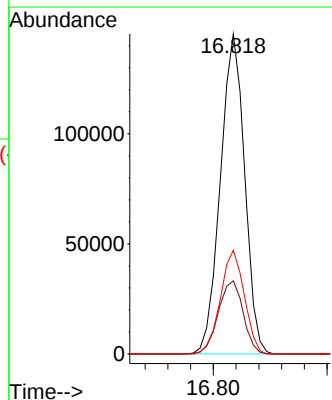
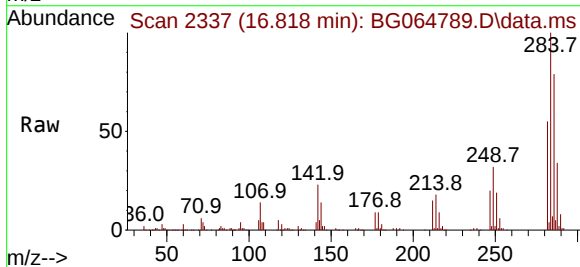
Instrument :
BNA_G
ClientSampleId :
TP-5MS

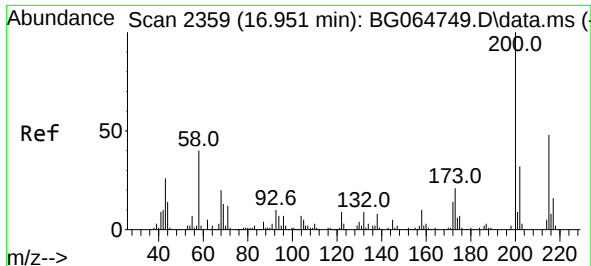
Tgt Ion:248 Resp: 182957
Ion Ratio Lower Upper
248 100
250 98.0 77.0 115.6
141 50.8 43.7 65.5



#68
Hexachlorobenzene
Concen: 45.557 ng
RT: 16.818 min Scan# 2337
Delta R.T. 0.002 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

Tgt Ion:284 Resp: 214996
Ion Ratio Lower Upper
284 100
142 22.9 19.7 29.5
249 32.4 28.1 42.1

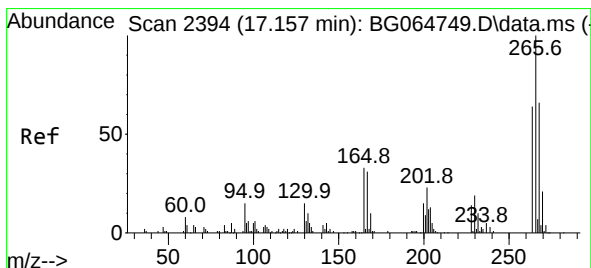
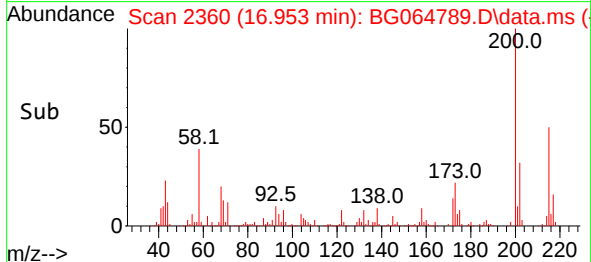
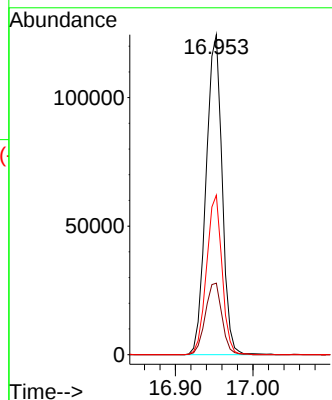
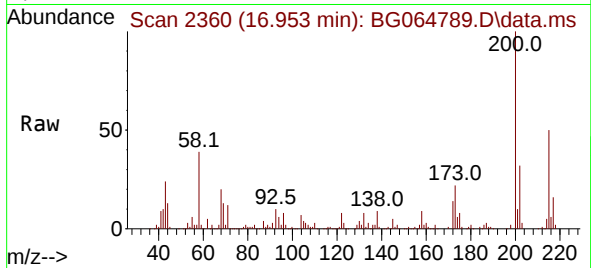




#69
 Atrazine
 Concen: 47.609 ng
 RT: 16.953 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG064789.D
 Acq: 17 Nov 2025 18:04

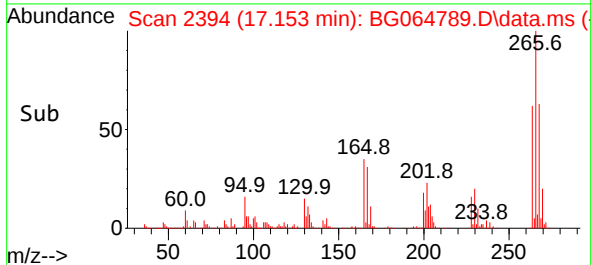
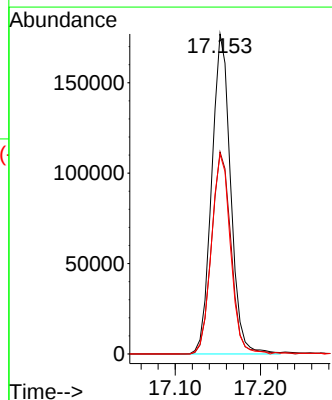
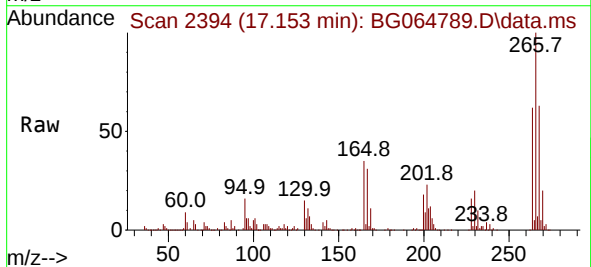
Instrument :
 BNA_G
 ClientSampleId :
 TP-5MS

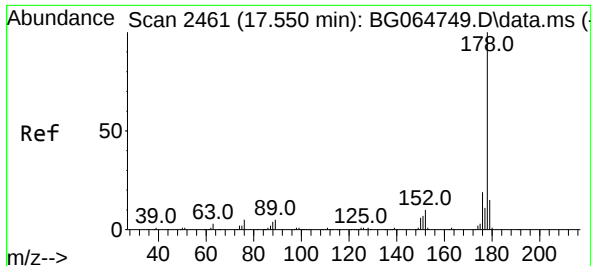
Tgt Ion:200 Resp: 178338
 Ion Ratio Lower Upper
 200 100
 173 22.4 0.9 40.9
 215 49.9 27.5 67.5



#70
 Pentachlorophenol
 Concen: 96.284 ng
 RT: 17.153 min Scan# 2394
 Delta R.T. -0.005 min
 Lab File: BG064789.D
 Acq: 17 Nov 2025 18:04

Tgt Ion:266 Resp: 272679
 Ion Ratio Lower Upper
 266 100
 268 67.8 56.1 84.1
 264 62.5 51.2 76.8

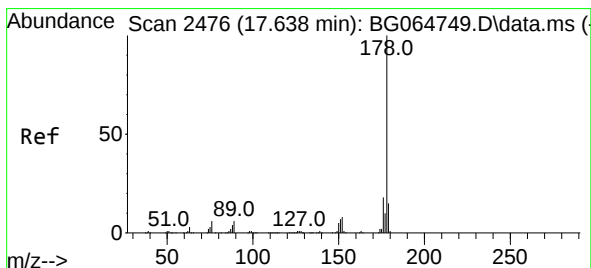
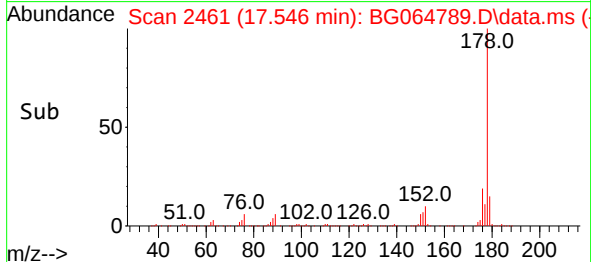
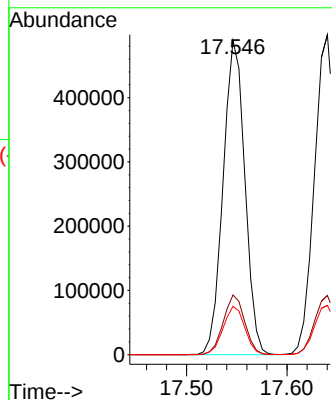
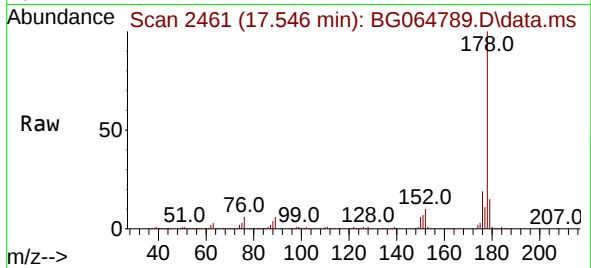




#71
Phenanthrene
Concen: 45.327 ng
RT: 17.546 min Scan# 2461
Delta R.T. -0.004 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

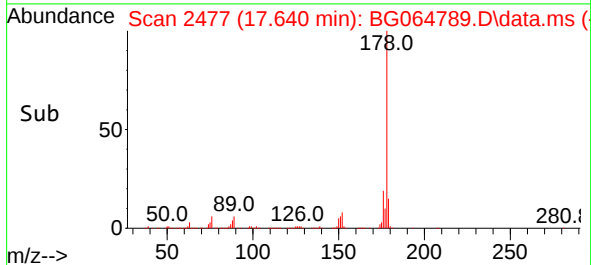
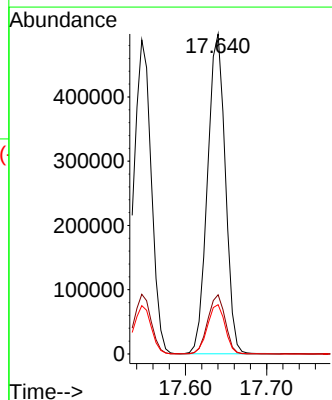
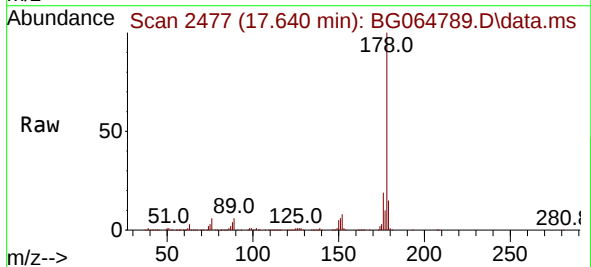
Instrument :
BNA_G
ClientSampleId :
TP-5MS

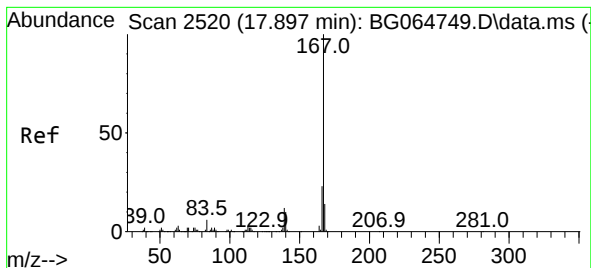
Tgt Ion:178 Resp: 735617
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.4 12.2 18.4



#72
Anthracene
Concen: 45.667 ng
RT: 17.640 min Scan# 2477
Delta R.T. 0.002 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

Tgt Ion:178 Resp: 755719
Ion Ratio Lower Upper
178 100
176 18.5 14.5 21.7
179 15.4 12.2 18.4





#73

Carbazole

Concen: 46.401 ng

RT: 17.899 min Scan# 2

Delta R.T. 0.002 min

Lab File: BG064789.D

Acq: 17 Nov 2025 18:04

Instrument :

BNA_G

ClientSampleId :

TP-5MS

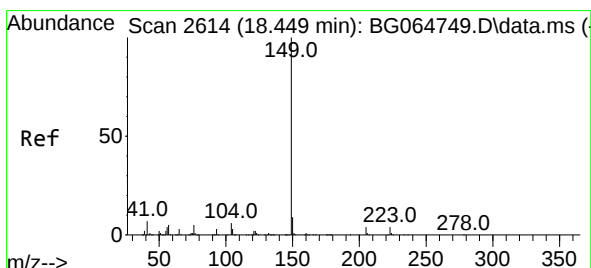
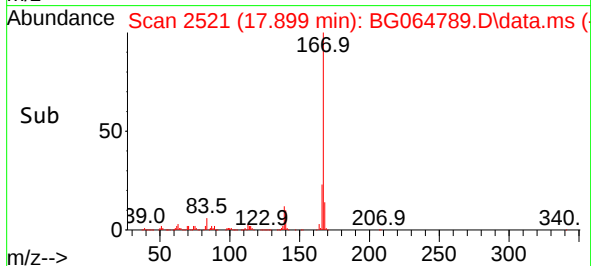
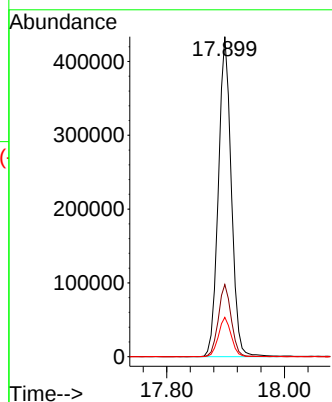
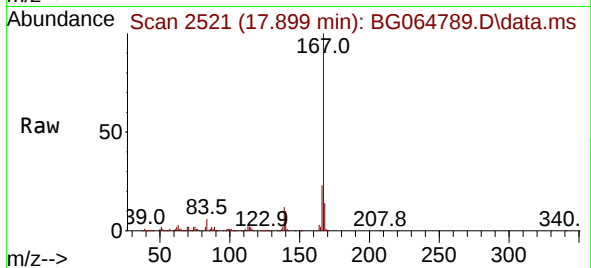
Tgt Ion:167 Resp: 660094

Ion Ratio Lower Upper

167 100

166 22.5 18.0 27.0

139 12.3 9.7 14.5



#74

Di-n-butylphthalate

Concen: 47.986 ng

RT: 18.451 min Scan# 2615

Delta R.T. 0.002 min

Lab File: BG064789.D

Acq: 17 Nov 2025 18:04

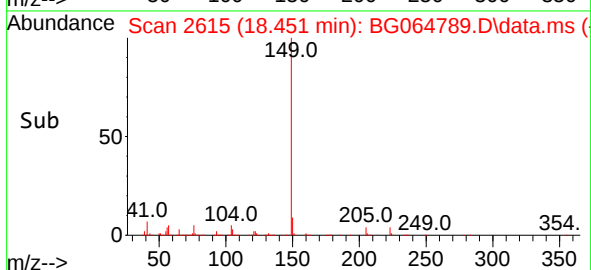
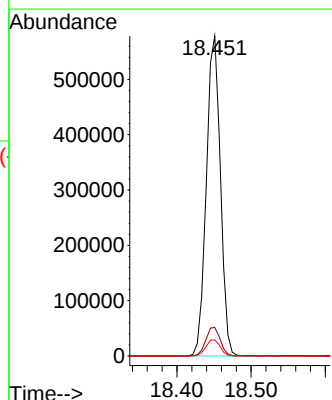
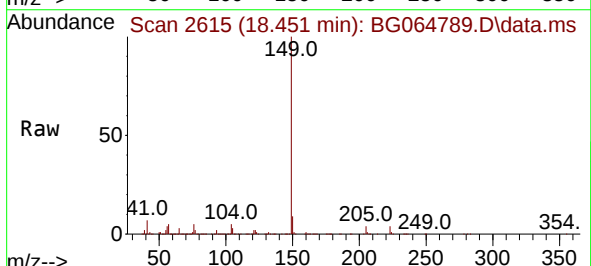
Tgt Ion:149 Resp: 761598

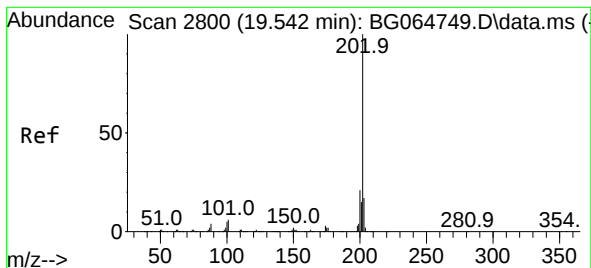
Ion Ratio Lower Upper

149 100

150 8.9 7.5 11.3

104 5.0 4.4 6.6

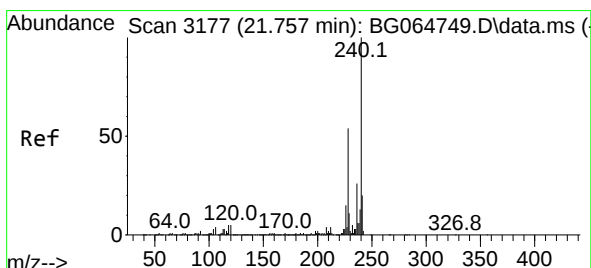
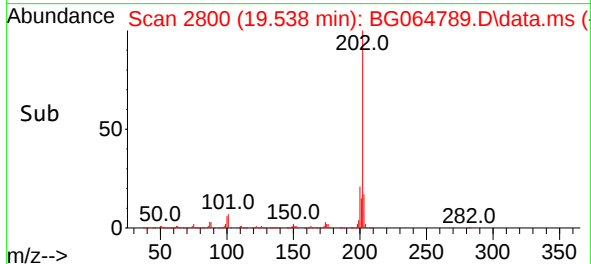
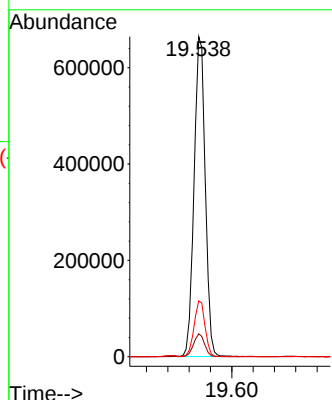
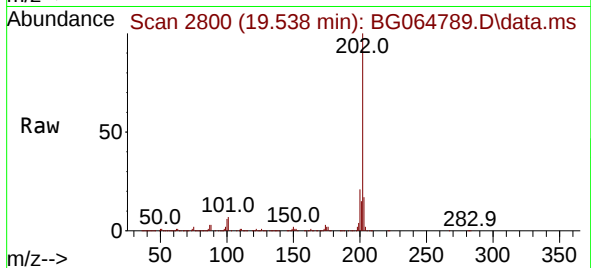




#75
Fluoranthene
Concen: 43.442 ng
RT: 19.538 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

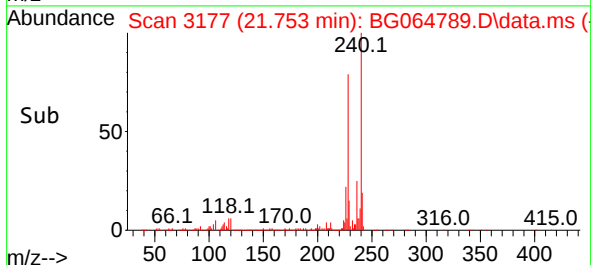
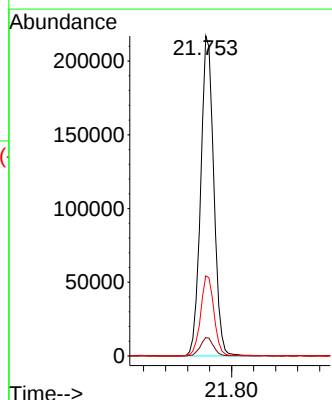
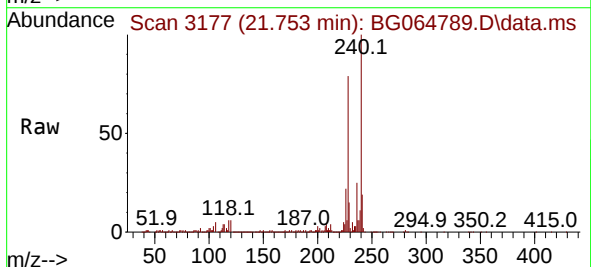
Instrument :
BNA_G
ClientSampleId :
TP-5MS

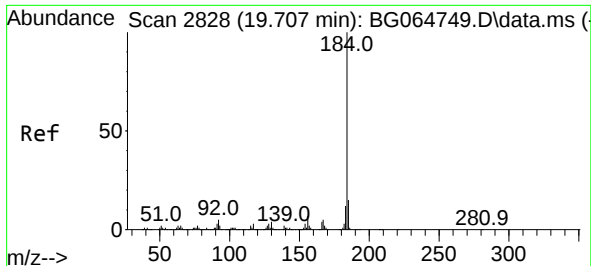
Tgt Ion:202 Resp: 964064
Ion Ratio Lower Upper
202 100
101 7.1 0.0 26.4
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.753 min Scan# 3177
Delta R.T. -0.004 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

Tgt Ion:240 Resp: 359428
Ion Ratio Lower Upper
240 100
120 5.7 4.2 6.4
236 25.1 20.8 31.2

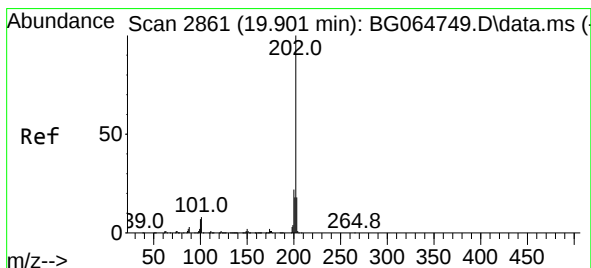
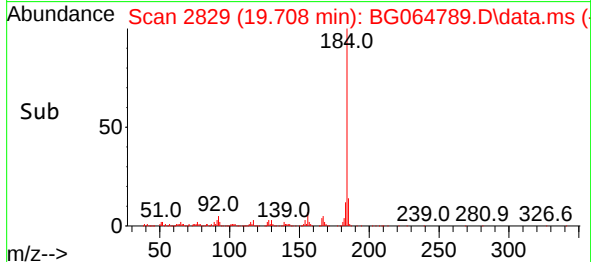
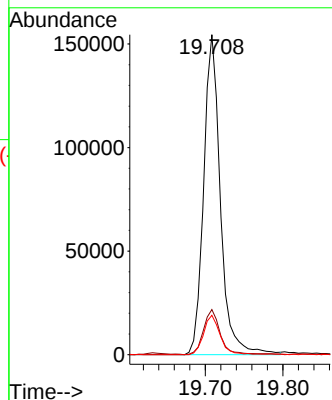
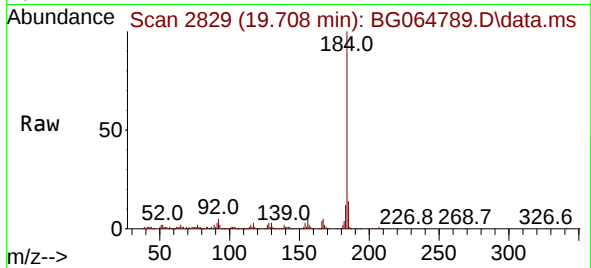




#77
Benzidine
Concen: 21.528 ng
RT: 19.708 min Scan# 2829
Delta R.T. 0.002 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

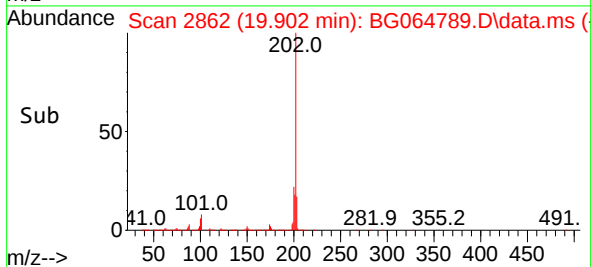
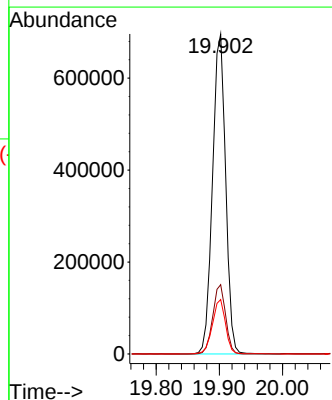
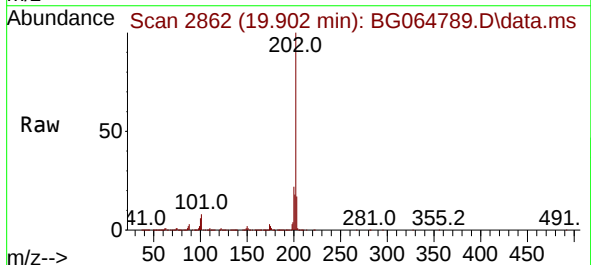
Instrument :
BNA_G
ClientSampleId :
TP-5MS

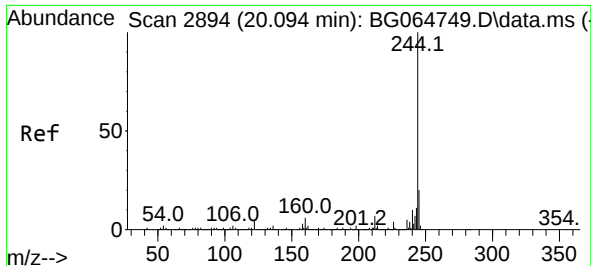
Tgt Ion:184 Resp: 231736
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.6
183 12.3 9.8 14.6



#78
Pyrene
Concen: 49.761 ng
RT: 19.902 min Scan# 2862
Delta R.T. 0.002 min
Lab File: BG064789.D
Acq: 17 Nov 2025 18:04

Tgt Ion:202 Resp: 1002417
Ion Ratio Lower Upper
202 100
200 21.6 17.9 26.9
203 17.0 14.0 21.0

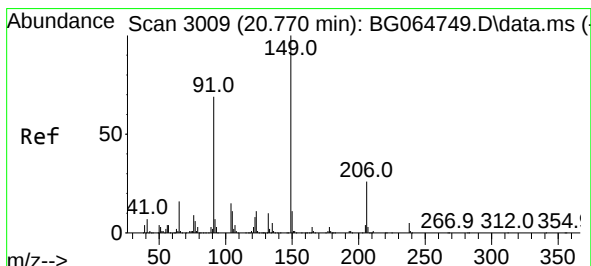
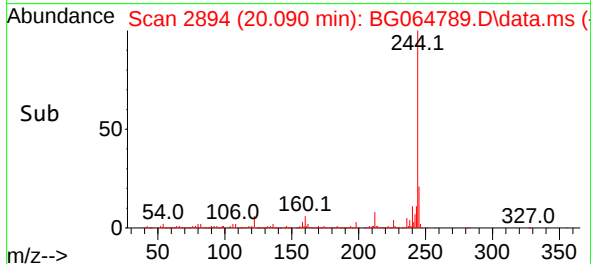
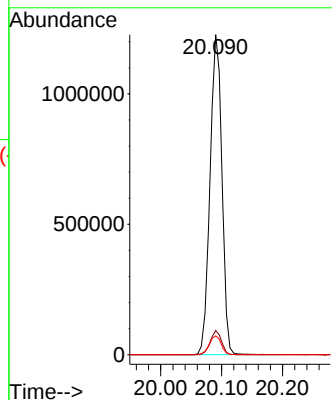
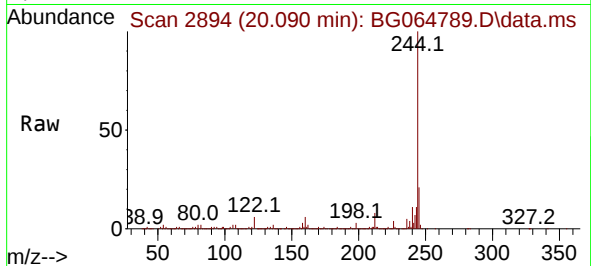




#79
 Terphenyl-d14
 Concen: 90.953 ng
 RT: 20.090 min Scan# 2894
 Delta R.T. -0.004 min
 Lab File: BG064789.D
 Acq: 17 Nov 2025 18:04

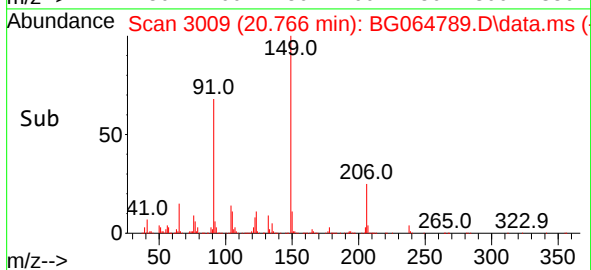
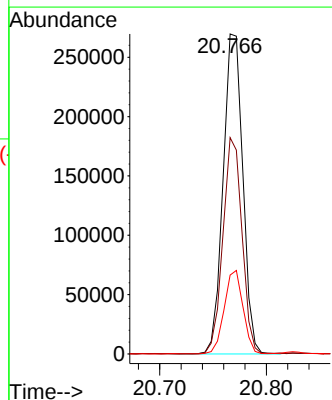
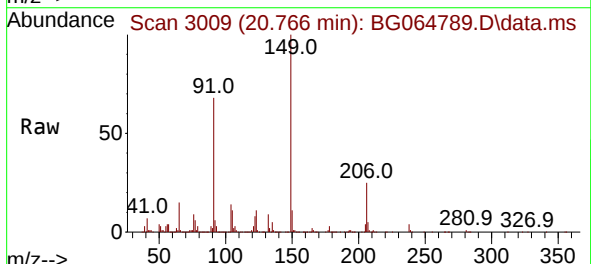
Instrument :
 BNA_G
 ClientSampleId :
 TP-5MS

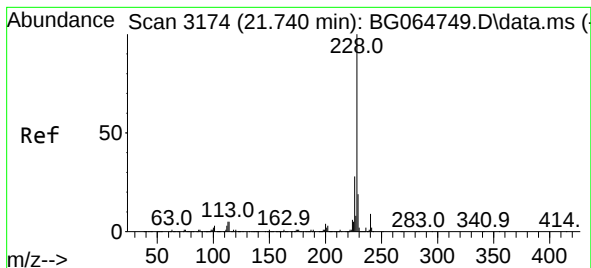
Tgt Ion:244 Resp: 1661893
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 5.9 4.3 6.5



#80
 Butylbenzylphthalate
 Concen: 48.729 ng
 RT: 20.766 min Scan# 3009
 Delta R.T. -0.004 min
 Lab File: BG064789.D
 Acq: 17 Nov 2025 18:04

Tgt Ion:149 Resp: 345269
 Ion Ratio Lower Upper
 149 100
 91 67.6 54.9 82.3
 206 24.7 21.2 31.8





#81

Benzo(a)anthracene

Concen: 44.992 ng

RT: 21.735 min Scan# 3174

Delta R.T. -0.004 min

Lab File: BG064789.D

Acq: 17 Nov 2025 18:04

Instrument :

BNA_G

ClientSampleId :

TP-5MS

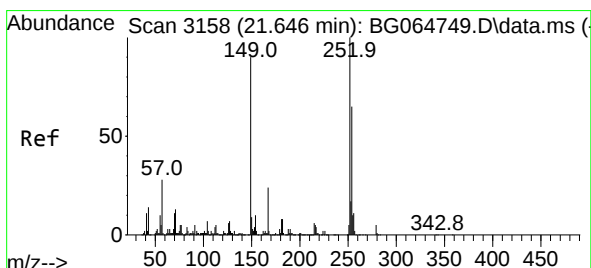
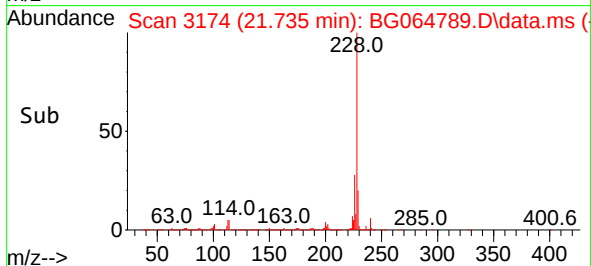
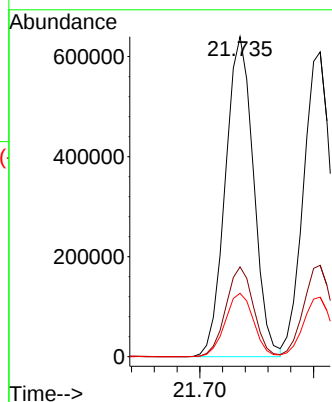
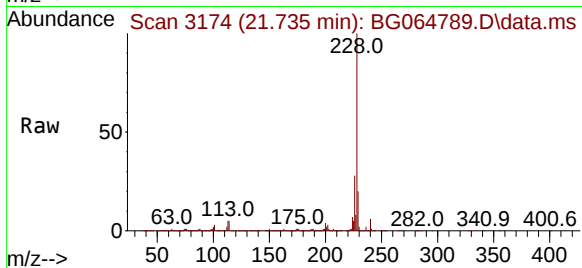
Tgt Ion:228 Resp: 1099585

Ion Ratio Lower Upper

228 100

226 28.1 22.1 33.1

229 19.8 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 12.948 ng

RT: 21.641 min Scan# 3158

Delta R.T. -0.004 min

Lab File: BG064789.D

Acq: 17 Nov 2025 18:04

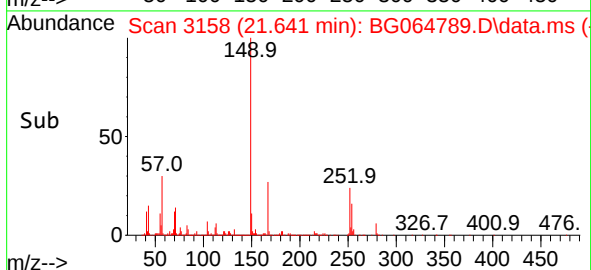
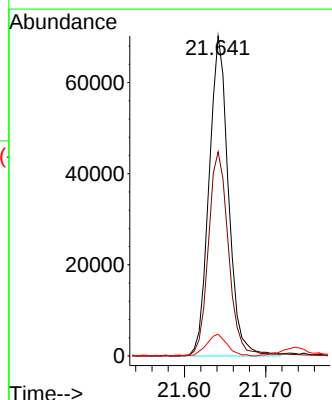
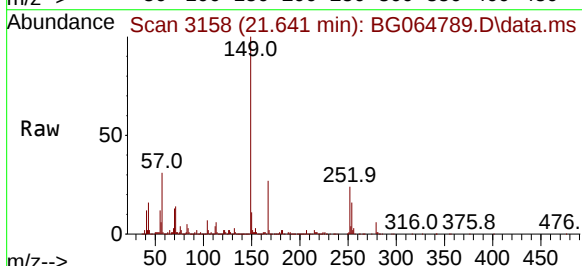
Tgt Ion:252 Resp: 116471

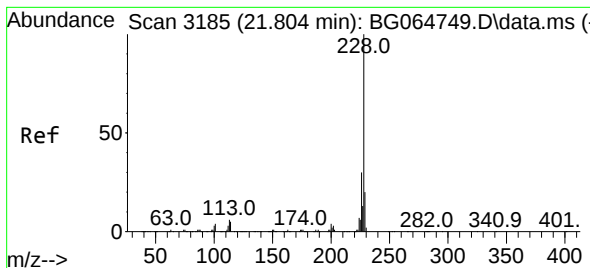
Ion Ratio Lower Upper

252 100

254 63.8 51.8 77.8

126 6.8 4.7 7.1





#83

Chrysene

Concen: 44.959 ng

RT: 21.806 min Scan# 3185

Delta R.T. 0.002 min

Lab File: BG064789.D

Acq: 17 Nov 2025 18:04

Instrument :

BNA_G

ClientSampleId :

TP-5MS

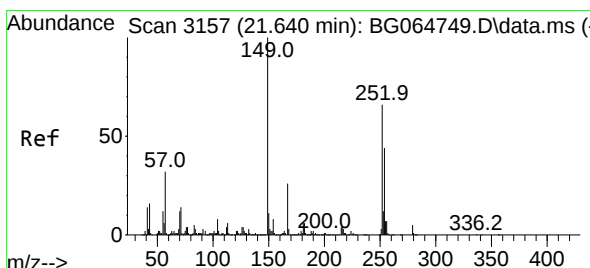
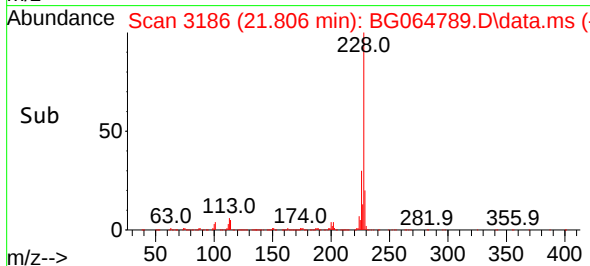
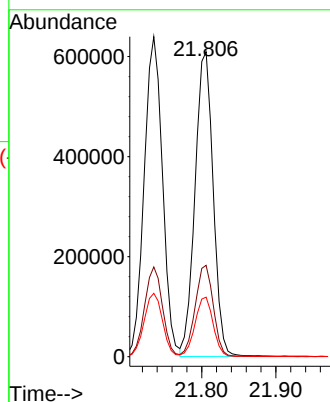
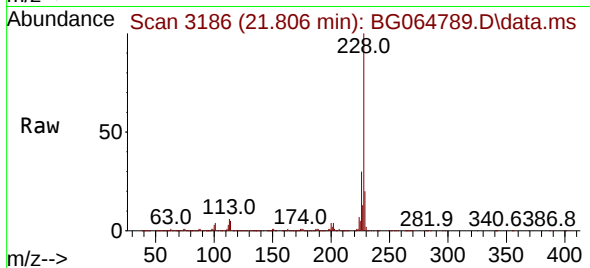
Tgt Ion:228 Resp: 1035905

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.265 ng

RT: 21.635 min Scan# 3157

Delta R.T. -0.004 min

Lab File: BG064789.D

Acq: 17 Nov 2025 18:04

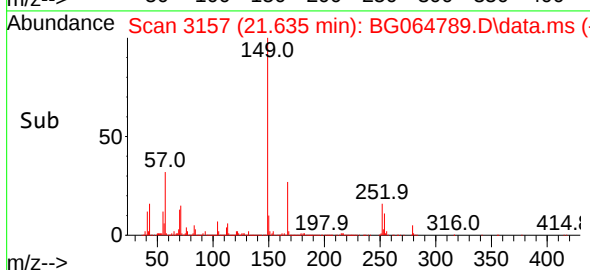
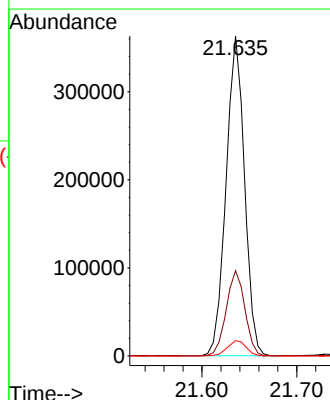
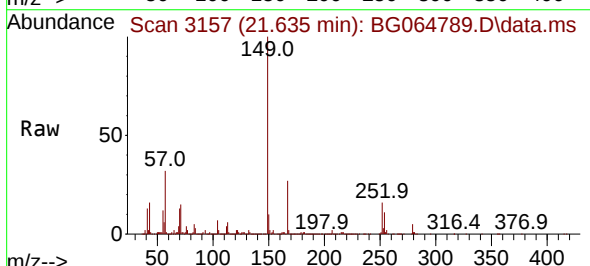
Tgt Ion:149 Resp: 489375

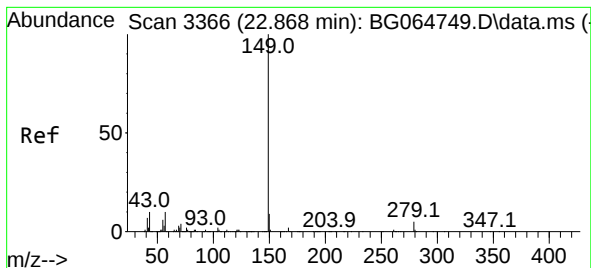
Ion Ratio Lower Upper

149 100

167 26.7 21.0 31.4

279 4.8 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 45.619 ng

RT: 22.858 min Scan# 31

Delta R.T. -0.010 min

Lab File: BG064789.D

Acq: 17 Nov 2025 18:04

Instrument :

BNA_G

ClientSampleId :

TP-5MS

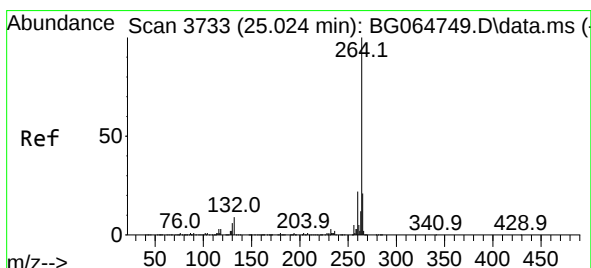
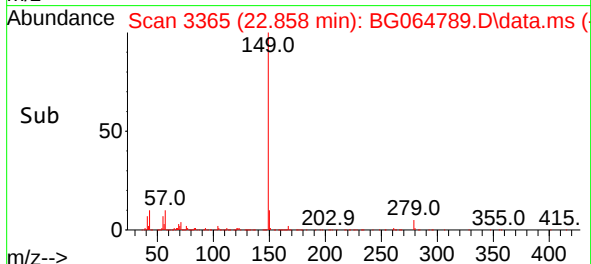
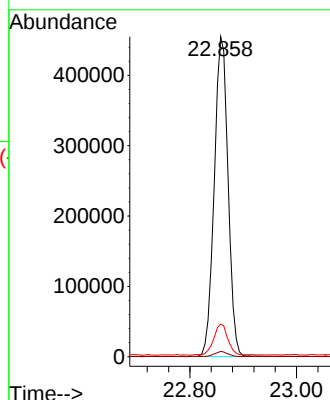
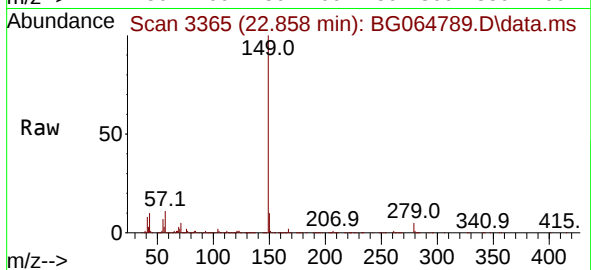
Tgt Ion:149 Resp: 816465

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.0 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.020 min Scan# 3733

Delta R.T. -0.004 min

Lab File: BG064789.D

Acq: 17 Nov 2025 18:04

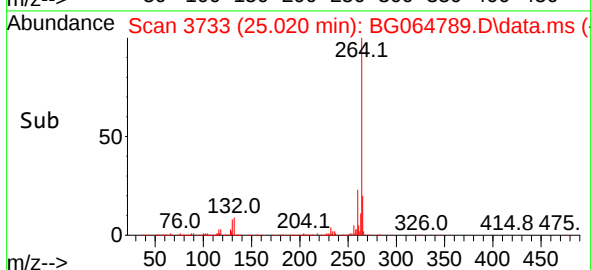
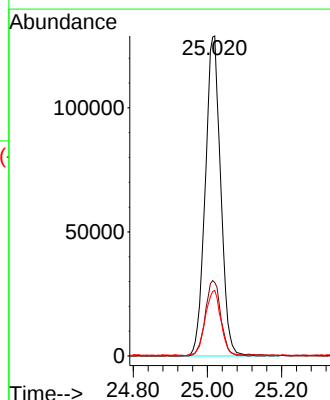
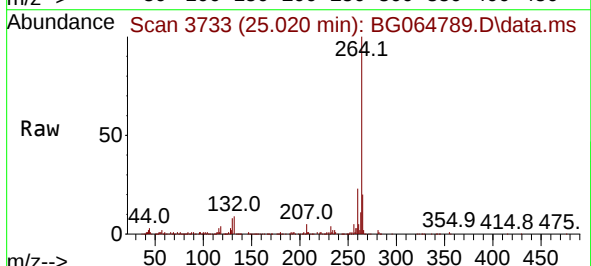
Tgt Ion:264 Resp: 372183

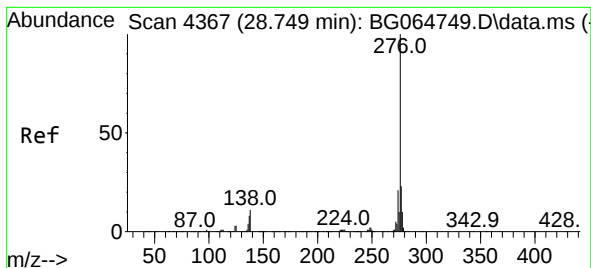
Ion Ratio Lower Upper

264 100

260 22.9 17.2 25.8

265 20.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.700 ng

RT: 28.751 min Scan# 41

Delta R.T. 0.002 min

Lab File: BG064789.D

Acq: 17 Nov 2025 18:04

Instrument :

BNA_G

ClientSampleId :

TP-5MS

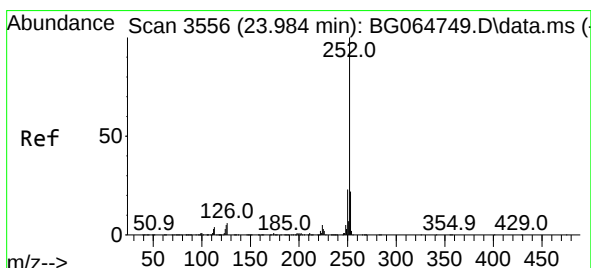
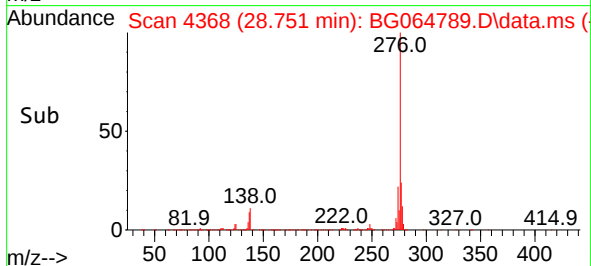
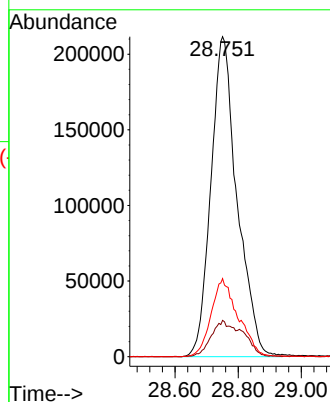
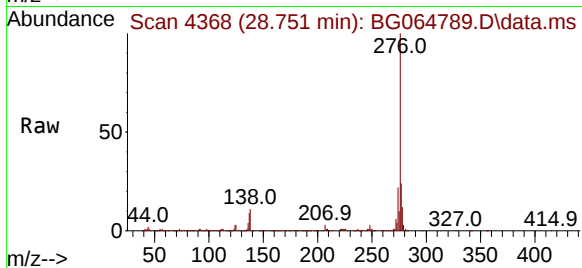
Tgt Ion:276 Resp: 1219709

Ion Ratio Lower Upper

276 100

138 9.8 4.5 6.7#

277 25.2 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 45.223 ng

RT: 23.980 min Scan# 3556

Delta R.T. -0.004 min

Lab File: BG064789.D

Acq: 17 Nov 2025 18:04

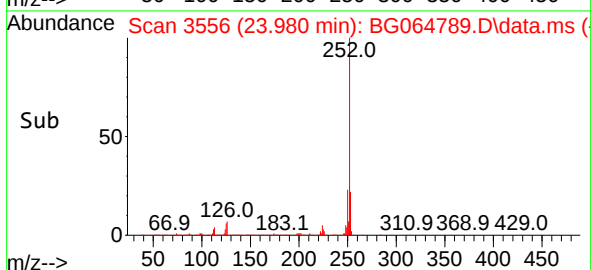
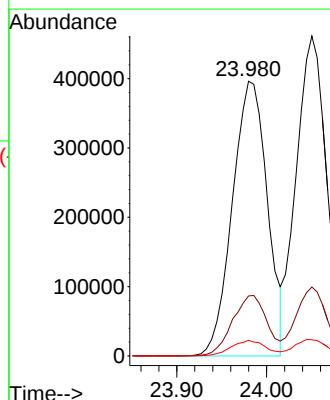
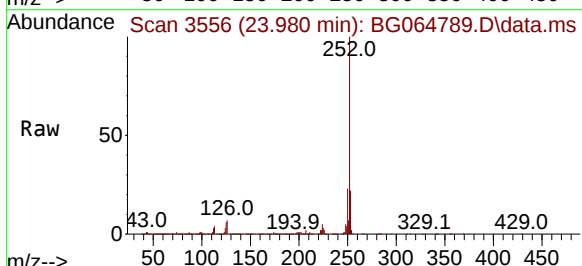
Tgt Ion:252 Resp: 1071123

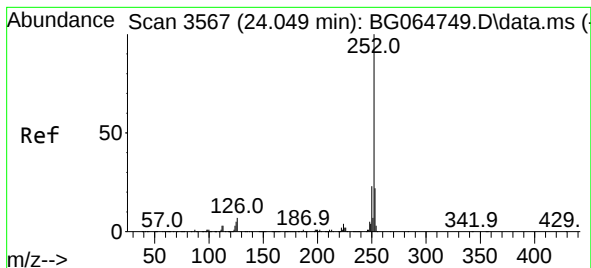
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 5.7 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 46.089 ng

RT: 24.050 min Scan# 3

Delta R.T. 0.002 min

Lab File: BG064789.D

Acq: 17 Nov 2025 18:04

Instrument :

BNA_G

ClientSampleId :

TP-5MS

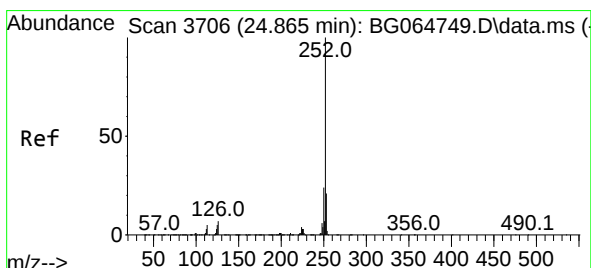
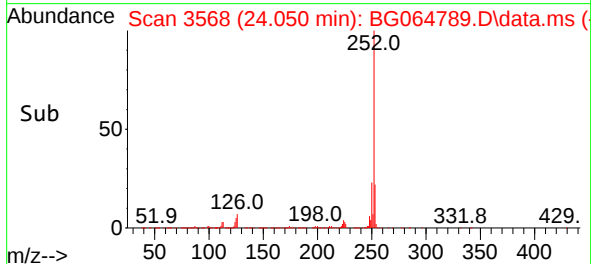
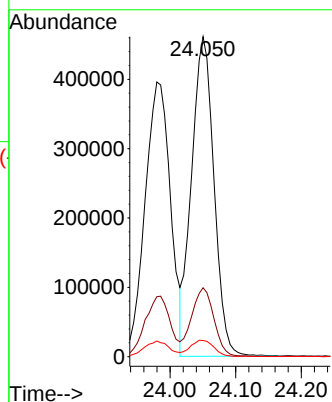
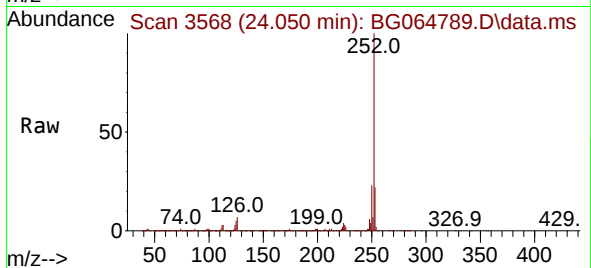
Tgt Ion:252 Resp: 1096705

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 5.0 4.1 6.1



#90

Benzo(a)pyrene

Concen: 46.025 ng

RT: 24.867 min Scan# 3707

Delta R.T. 0.002 min

Lab File: BG064789.D

Acq: 17 Nov 2025 18:04

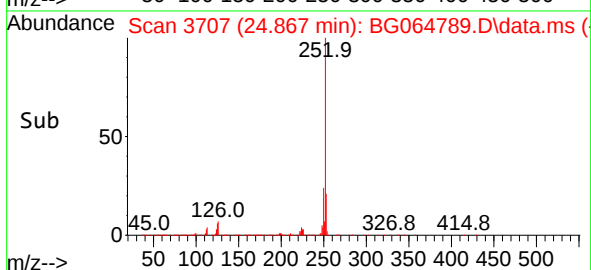
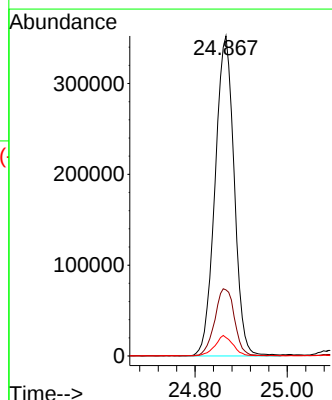
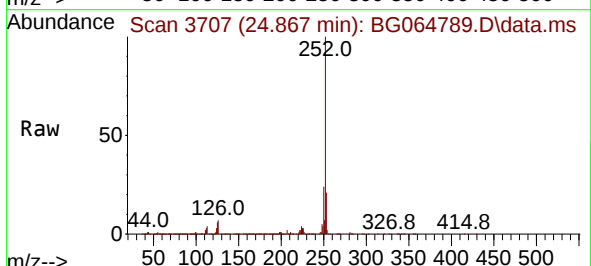
Tgt Ion:252 Resp: 1011213

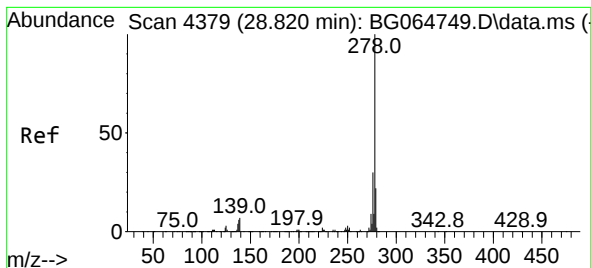
Ion Ratio Lower Upper

252 100

253 20.7 16.9 25.3

125 5.7 4.2 6.4





#91

Dibenzo(a,h)anthracene

Concen: 48.275 ng

RT: 28.815 min Scan# 41

Delta R.T. -0.004 min

Lab File: BG064789.D

Acq: 17 Nov 2025 18:04

Instrument :

BNA_G

ClientSampleId :

TP-5MS

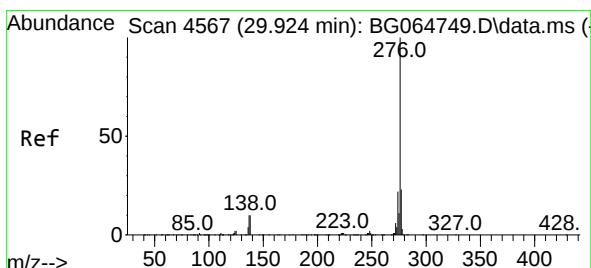
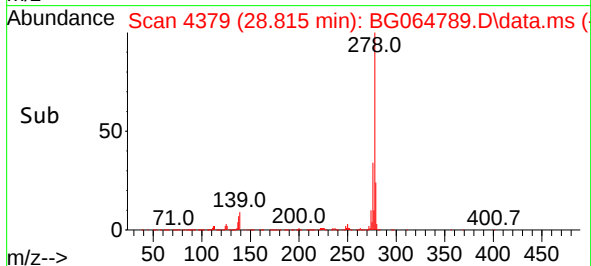
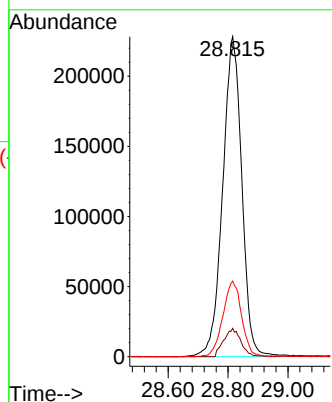
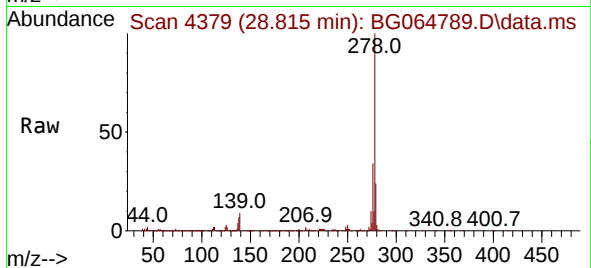
Tgt Ion:278 Resp: 1011243

Ion Ratio Lower Upper

278 100

139 8.8 5.8 8.8#

279 23.6 17.3 25.9



#92

Benzo(g,h,i)perylene

Concen: 48.216 ng

RT: 29.920 min Scan# 4567

Delta R.T. -0.004 min

Lab File: BG064789.D

Acq: 17 Nov 2025 18:04

Tgt Ion:276 Resp: 972043

Ion Ratio Lower Upper

276 100

277 24.0 18.0 27.0

138 10.9 8.2 12.2

