

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120925\
 Data File : BG064911.D
 Acq On : 9 Dec 2025 19:03
 Operator : RC/JU
 Sample : Q3795-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11966MS

Quant Time: Dec 10 00:15:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.153	152	17886	20.000	ng	-0.01
21) Naphthalene-d8	10.968	136	73614	20.000	ng	#-0.02
39) Acenaphthene-d10	14.763	164	64830	20.000	ng	-0.01
64) Phenanthrene-d10	17.495	188	160507	20.000	ng	# 0.00
76) Chrysene-d12	21.743	240	199773	20.000	ng	#-0.01
86) Perylene-d12	24.992	264	214988	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	135935	132.714	ng	0.00
7) Phenol-d6	7.301	99	169345	124.306	ng	0.00
23) Nitrobenzene-d5	9.317	82	124309	83.492	ng	-0.01
42) 2,4,6-Tribromophenol	16.244	330	229904	181.831	ng	0.00
45) 2-Fluorobiphenyl	13.394	172	429672	92.479	ng	-0.01
79) Terphenyl-d14	20.080	244	1096431	107.962	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.523	88	11085	27.955	ng	# 68
3) Pyridine	3.940	79	44761	37.885	ng	97
4) n-Nitrosodimethylamine	3.835	42	24536	40.802	ng	96
6) Aniline	7.472	93	20335	11.198	ng	99
8) 2-Chlorophenol	7.713	128	52416	46.605	ng	90
9) Benzaldehyde	7.278	77	16705	18.732	ng	94
10) Phenol	7.325	94	59828	40.363	ng	92
11) bis(2-Chloroethyl)ether	7.560	93	38590	36.586	ng	94
12) 1,3-Dichlorobenzene	8.042	146	48532	37.501	ng	97
13) 1,4-Dichlorobenzene	8.188	146	49377	37.470	ng	94
14) 1,2-Dichlorobenzene	8.512	146	51721	40.478	ng	98
15) Benzyl Alcohol	8.382	79	47552	42.524	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.670	45	80738	32.339	ng	97
17) 2-Methylphenol	8.588	107	46648	44.477	ng	93
18) Hexachloroethane	9.246	117	18640	37.346	ng	90
19) n-Nitroso-di-n-propyla...	8.952	70	38074	41.334	ng	# 98
20) 3+4-Methylphenols	8.911	107	68228	47.486	ng	95
22) Acetophenone	8.976	105	80922	40.349	ng	# 98
24) Nitrobenzene	9.358	77	60778	40.401	ng	97
25) Isophorone	9.881	82	114622	40.427	ng	98
26) 2-Nitrophenol	10.074	139	31919	47.171	ng	96
27) 2,4-Dimethylphenol	10.127	122	56711	47.176	ng	95
28) bis(2-Chloroethoxy)met...	10.357	93	60653	38.966	ng	100
29) 2,4-Dichlorophenol	10.615	162	68184	52.830	ng	94
30) 1,2,4-Trichlorobenzene	10.832	180	72533	46.541	ng	97
31) Naphthalene	11.020	128	170319	40.814	ng	98
32) Benzoic acid	10.257	122	25401	32.152	ng	92
33) 4-Chloroaniline	11.132	127	4221	2.529	ng	# 89
34) Hexachlorobutadiene	11.308	225	63916	47.799	ng	98
35) Caprolactam	11.937	113	6326	16.388	ng	94
36) 4-Chloro-3-methylphenol	12.231	107	70119	48.812	ng	90
37) 2-Methylnaphthalene	12.613	142	128044	41.003	ng	96
38) 1-Methylnaphthalene	12.830	142	135106	43.554	ng	97
40) 1,2,4,5-Tetrachloroben...	12.977	216	120330	47.693	ng	98
41) Hexachlorocyclopentadiene	12.959	237	156197	86.372	ng	97
43) 2,4,6-Trichlorophenol	13.206	196	78635	53.104	ng	96

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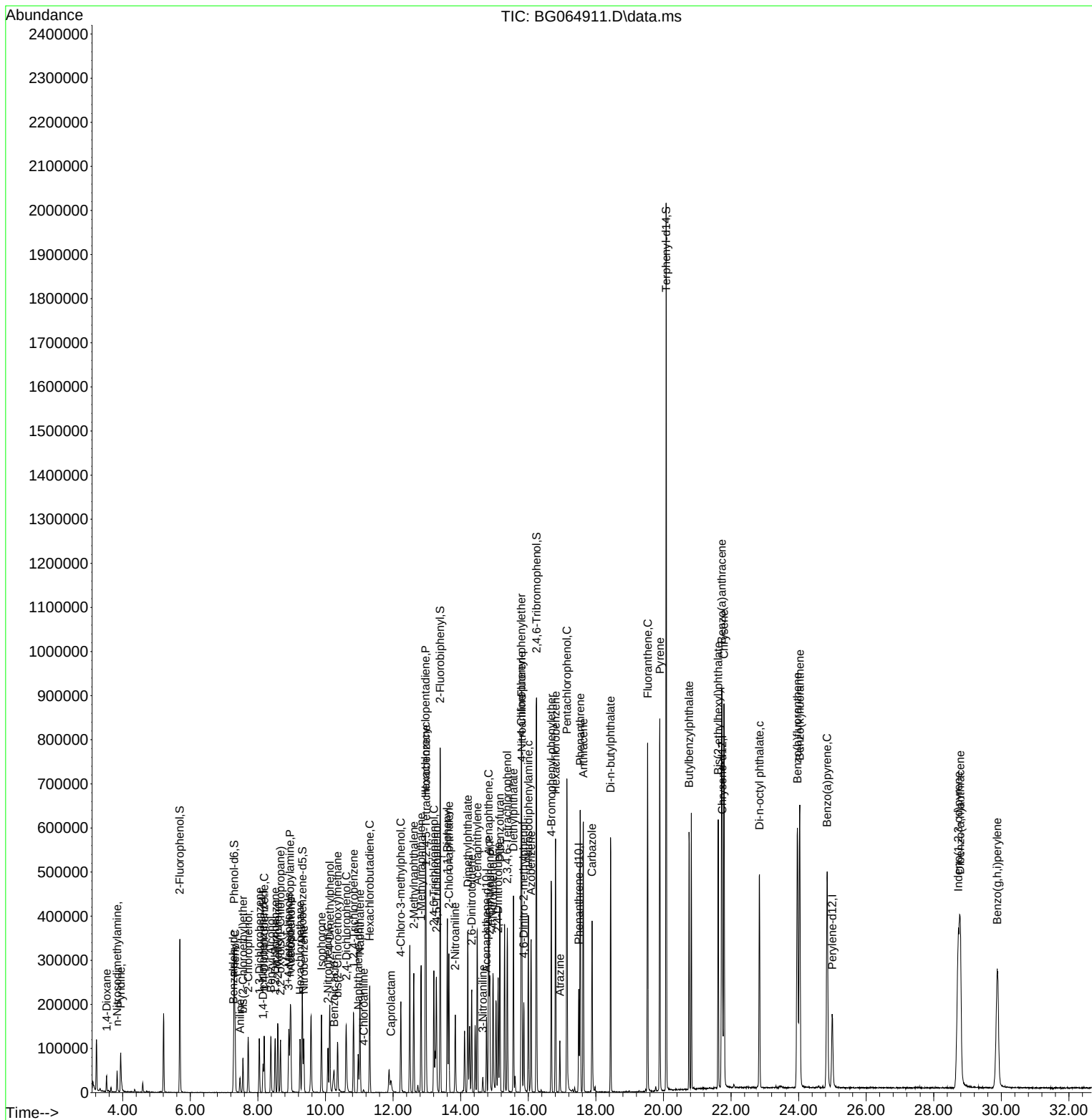
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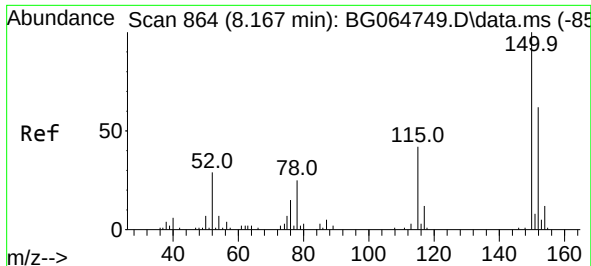
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.282	196	90125	54.266	ng	98
46) 1,1'-Biphenyl	13.606	154	214876	46.147	ng	98
47) 2-Chloronaphthalene	13.653	162	162863	44.397	ng	98
48) 2-Nitroaniline	13.841	65	51607	43.739	ng	96
49) Acenaphthylene	14.493	152	292444	46.664	ng	98
50) Dimethylphthalate	14.211	163	258242	50.427	ng	99
51) 2,6-Dinitrotoluene	14.328	165	52667	53.446	ng	96
52) Acenaphthene	14.828	154	215506	57.351	ng	98
53) 3-Nitroaniline	14.657	138	9352	9.615	ng	82
54) 2,4-Dinitrophenol	14.863	184	73970	106.407	ng	95
55) Dibenzofuran	15.157	168	304294	48.983	ng	98
56) 4-Nitrophenol	14.957	139	66663	86.389	ng	90
57) 2,4-Dinitrotoluene	15.110	165	77721	52.608	ng	99
58) Fluorene	15.803	166	241110	49.486	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.380	232	100482	61.321	ng	# 94
60) Diethylphthalate	15.562	149	247951	50.542	ng	98
61) 4-Chlorophenyl-phenyle...	15.791	204	158611	54.244	ng	97
62) 4-Nitroaniline	15.809	138	29082	28.863	ng	96
63) Azobenzene	16.085	77	176021	43.137	ng	90
65) 4,6-Dinitro-2-methylph...	15.868	198	56369	63.253	ng	91
66) n-Nitrosodiphenylamine	16.003	169	164667	39.167	ng	97
67) 4-Bromophenyl-phenylether	16.679	248	125576	59.576	ng	97
68) Hexachlorobenzene	16.808	284	150157	58.799	ng	91
69) Atrazine	16.937	200	29945	14.773	ng	97
70) Pentachlorophenol	17.143	266	179522	115.814	ng	98
71) Phenanthrene	17.536	178	441853	50.314	ng	99
72) Anthracene	17.630	178	444752	49.667	ng	99
73) Carbazole	17.889	167	294066	38.200	ng	100
74) Di-n-butylphthalate	18.435	149	418571	48.737	ng	99
75) Fluoranthene	19.534	202	581345	48.410	ng	98
78) Pyrene	19.892	202	606642	54.182	ng	99
80) Butylbenzylphthalate	20.756	149	181978	46.208	ng	95
81) Benzo(a)anthracene	21.726	228	687494	50.611	ng	99
83) Chrysene	21.790	228	651706	50.889	ng	99
84) Bis(2-ethylhexyl)phtha...	21.620	149	261540	45.448	ng	99
85) Di-n-octyl phthalate	22.842	149	443335	44.567	ng	97
87) Indeno(1,2,3-cd)pyrene	28.723	276	843061	57.078	ng	# 97
88) Benzo(b)fluoranthene	23.964	252	729842	53.345	ng	# 98
89) Benzo(k)fluoranthene	24.035	252	717427	52.195	ng	# 97
90) Benzo(a)pyrene	24.845	252	659020	51.927	ng	# 98
91) Dibenzo(a,h)anthracene	28.782	278	717472	59.294	ng	# 95
92) Benzo(g,h,i)perylene	29.875	276	675086	57.971	ng	# 96

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

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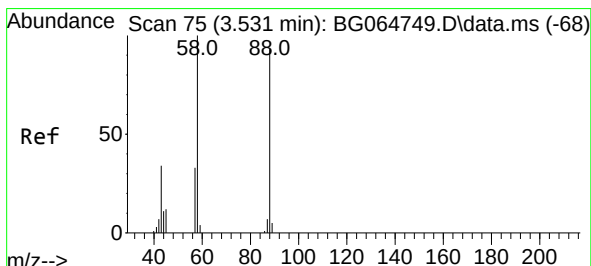
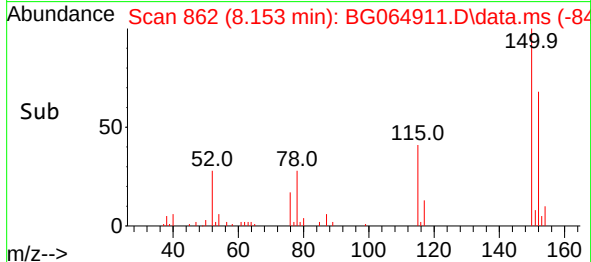
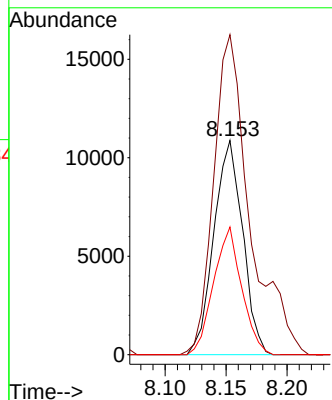
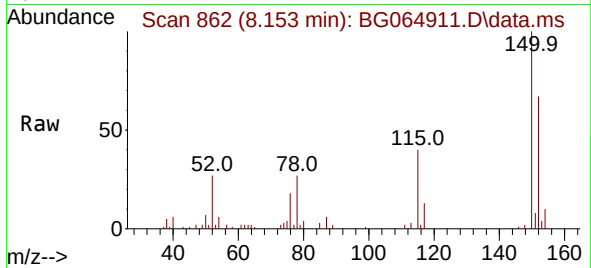




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.153 min Scan# 80
 Delta R.T. -0.014 min
 Lab File: BG064911.D
 Acq: 9 Dec 2025 19:03

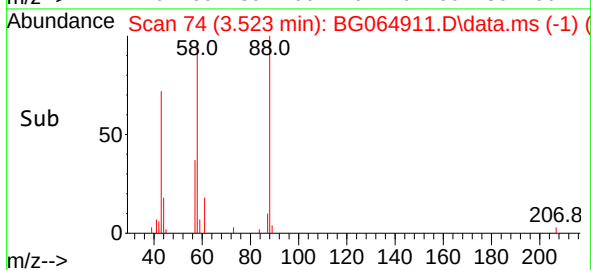
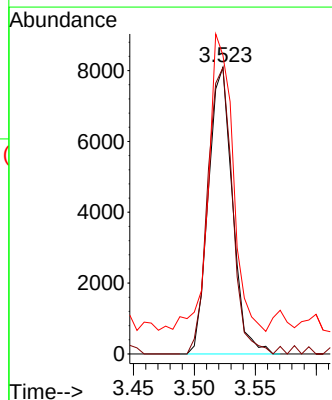
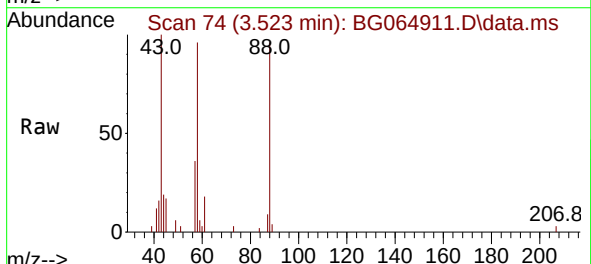
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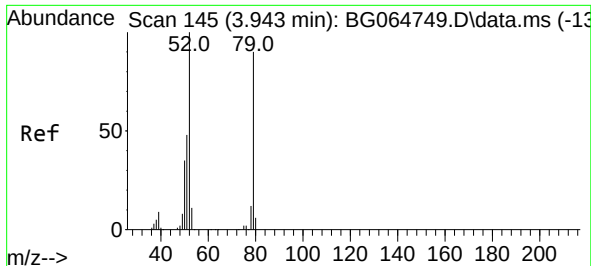
Tgt Ion:152 Resp: 17886
 Ion Ratio Lower Upper
 152 100
 150 149.4 129.2 193.8
 115 59.6 53.7 80.5



#2
 1,4-Dioxane
 Concen: 27.955 ng
 RT: 3.523 min Scan# 74
 Delta R.T. -0.008 min
 Lab File: BG064911.D
 Acq: 9 Dec 2025 19:03

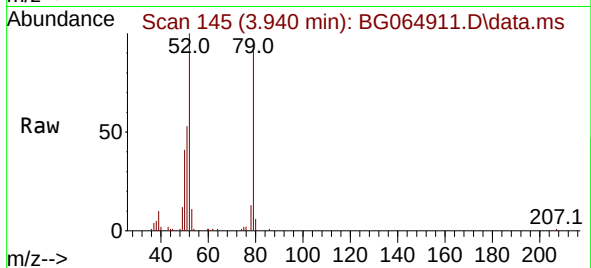
Tgt Ion: 88 Resp: 11085
 Ion Ratio Lower Upper
 88 100
 58 102.5 84.6 126.8
 43 105.2 30.0 45.0#





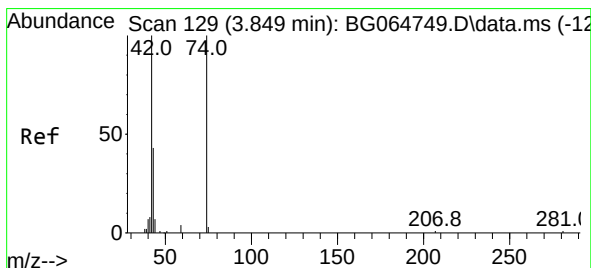
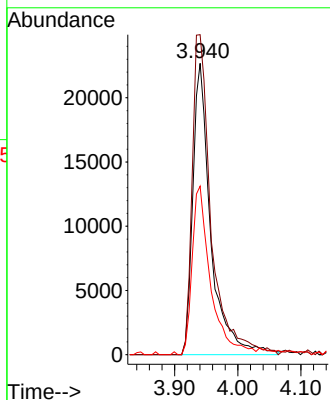
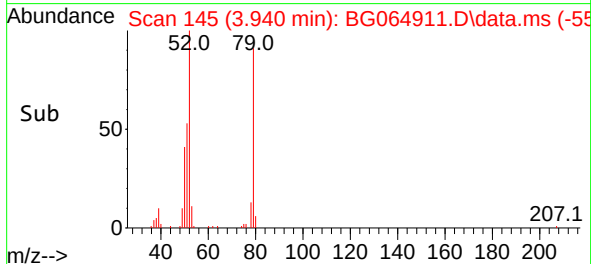
#3
Pyridine
Concen: 37.885 ng
RT: 3.940 min Scan# 145
Delta R.T. -0.002 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

Instrument :
BNA_G
ClientSampleId :
72-11966MS

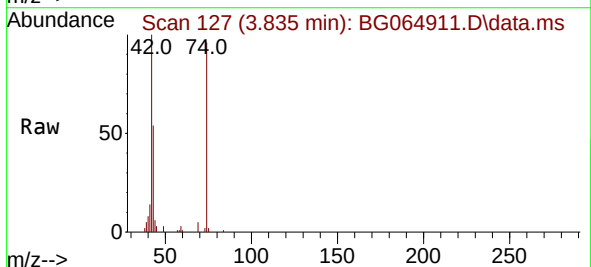


Tgt Ion: 79 Resp: 44761

Ion	Ratio	Lower	Upper
79	100		
52	109.8	89.0	133.4
51	57.8	43.4	65.0

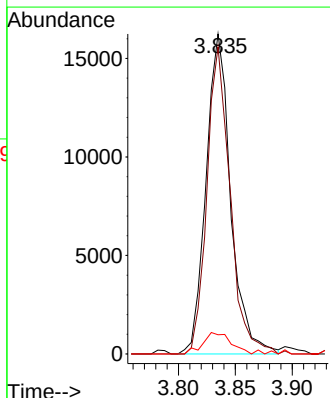
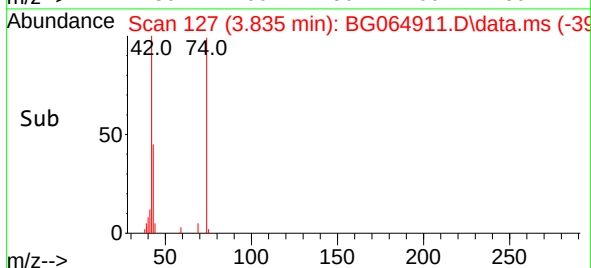


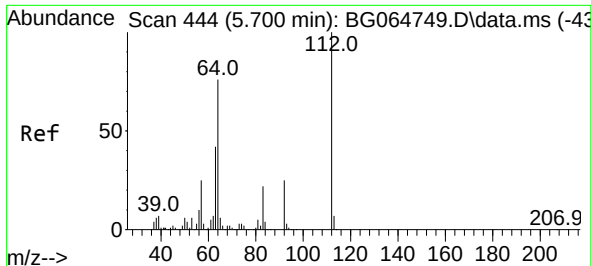
#4
n-Nitrosodimethylamine
Concen: 40.802 ng
RT: 3.835 min Scan# 127
Delta R.T. -0.014 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03



Tgt Ion: 42 Resp: 24536

Ion	Ratio	Lower	Upper
42	100		
74	95.9	79.8	119.6
44	6.0	5.9	8.9

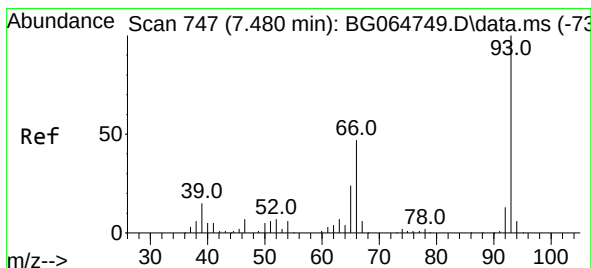
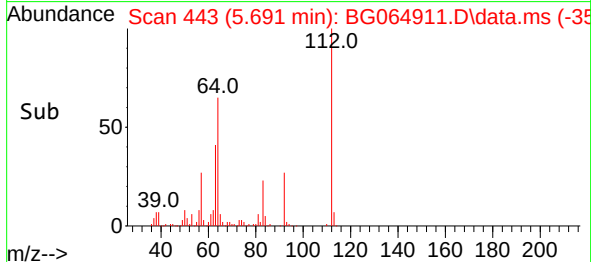
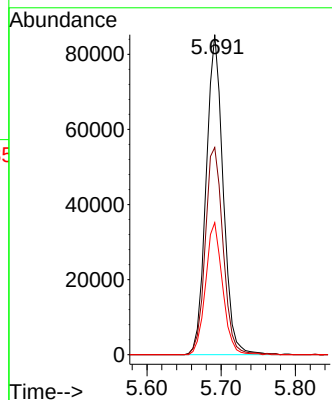
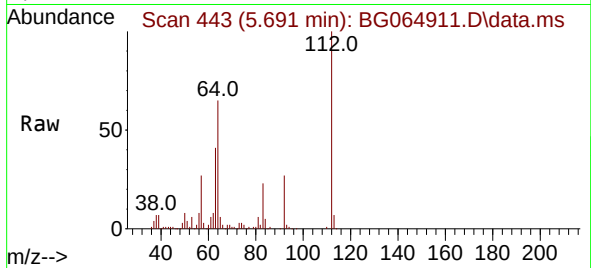




#5
2-Fluorophenol
Concen: 132.714 ng
RT: 5.691 min Scan# 444
Delta R.T. -0.008 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

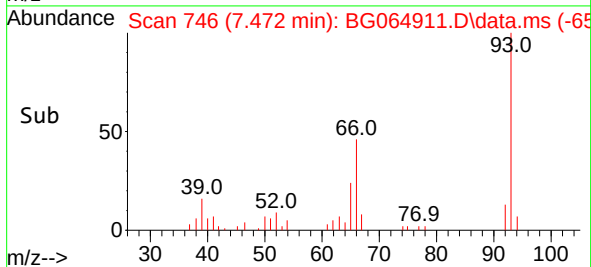
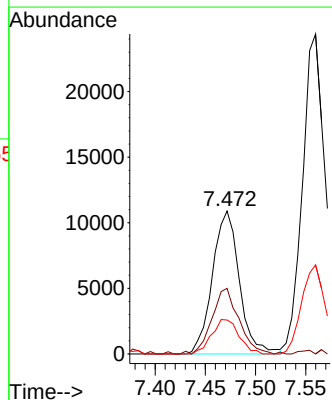
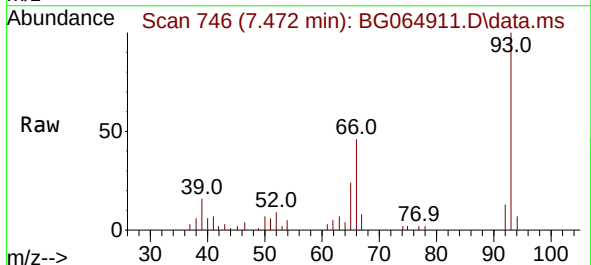
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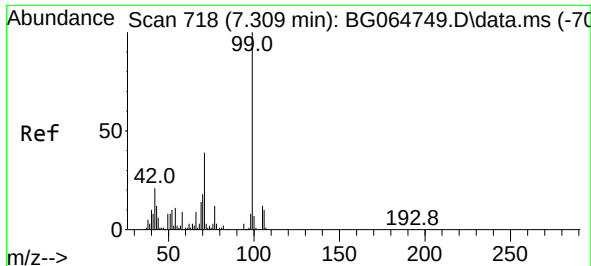
Tgt Ion:112 Resp: 135935
Ion Ratio Lower Upper
112 100
64 64.8 61.0 91.4
63 41.3 33.3 49.9



#6
Aniline
Concen: 11.198 ng
RT: 7.472 min Scan# 746
Delta R.T. -0.008 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

Tgt Ion: 93 Resp: 20335
Ion Ratio Lower Upper
93 100
66 45.9 37.7 56.5
65 23.8 19.1 28.7

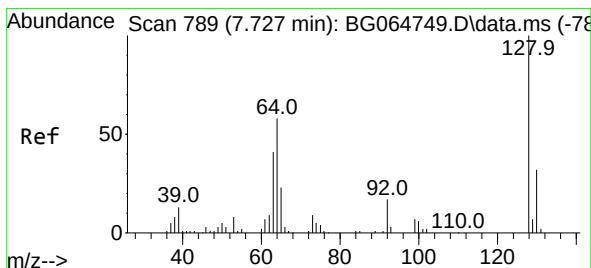
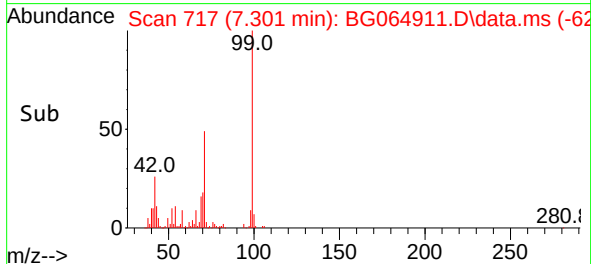
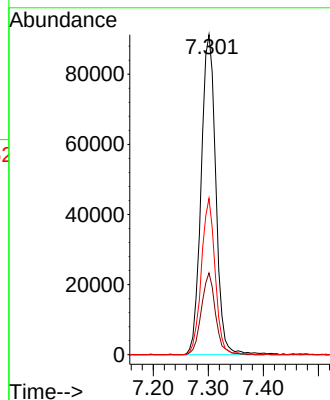
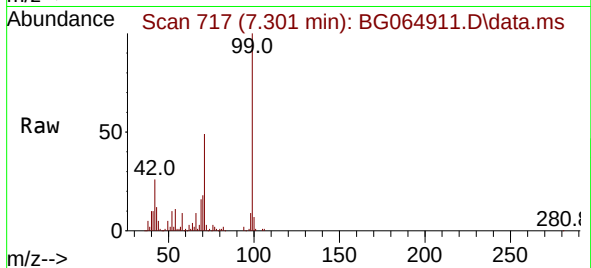




#7
Phenol-d6
Concen: 124.306 ng
RT: 7.301 min Scan# 718
Delta R.T. -0.008 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

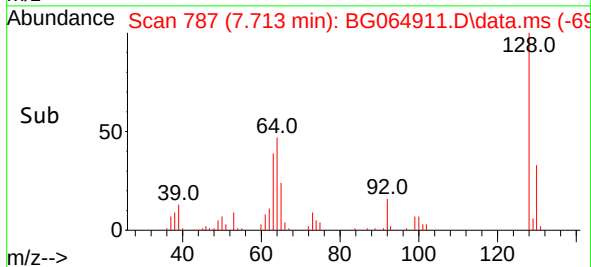
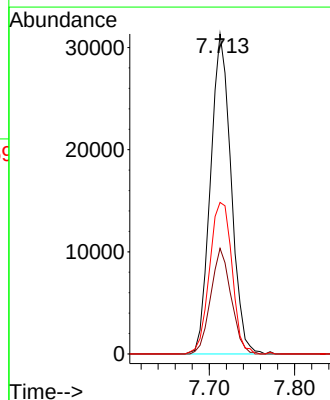
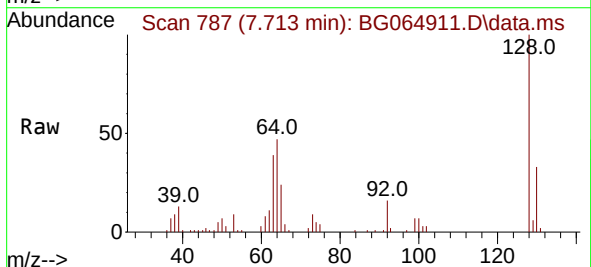
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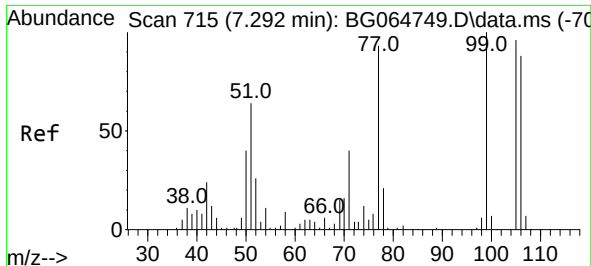
Tgt Ion: 99 Resp: 169345
Ion Ratio Lower Upper
99 100
42 25.5 16.8 25.2#
71 48.8 31.1 46.7#



#8
2-Chlorophenol
Concen: 46.605 ng
RT: 7.713 min Scan# 787
Delta R.T. -0.014 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

Tgt Ion:128 Resp: 52416
Ion Ratio Lower Upper
128 100
130 33.0 11.9 51.9
64 47.4 38.4 78.4

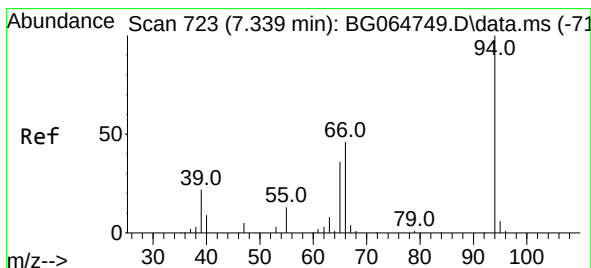
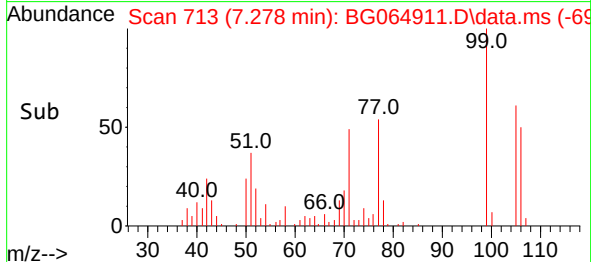
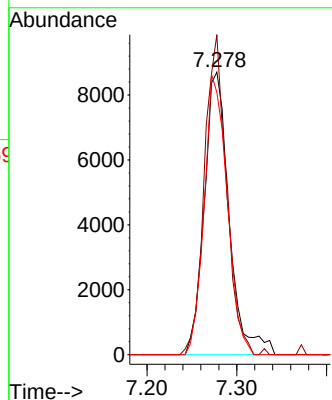
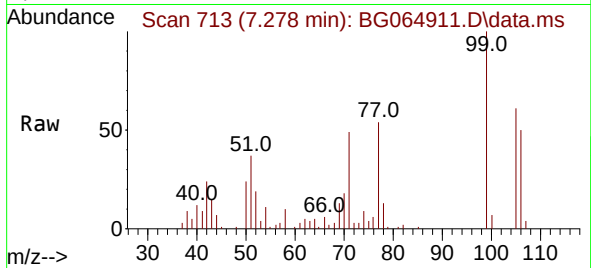




#9
Benzaldehyde
Concen: 18.732 ng
RT: 7.278 min Scan# 713
Delta R.T. -0.014 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

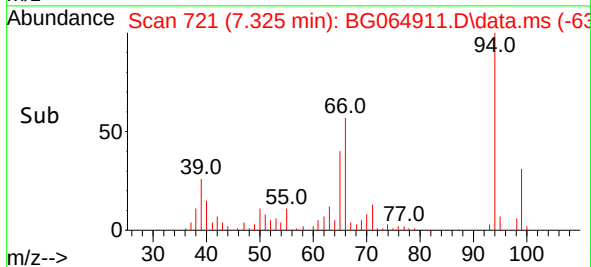
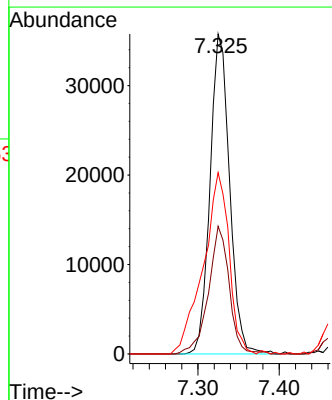
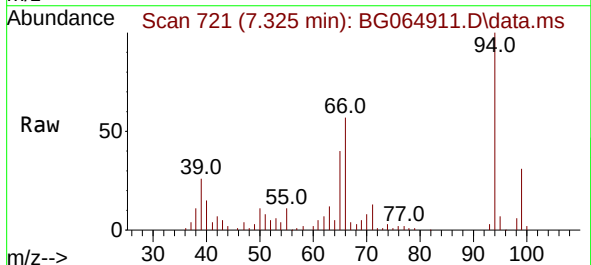
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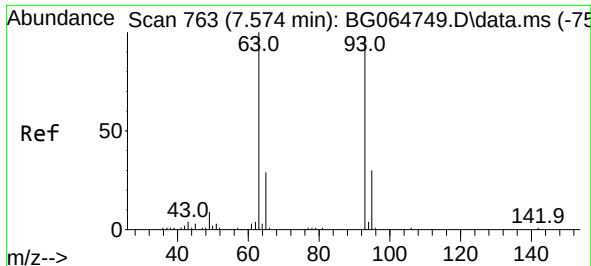
Tgt Ion: 77 Resp: 16705
Ion Ratio Lower Upper
77 100
105 113.3 83.8 123.8
106 92.9 74.3 114.3



#10
Phenol
Concen: 40.363 ng
RT: 7.325 min Scan# 721
Delta R.T. -0.014 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

Tgt Ion: 94 Resp: 59828
Ion Ratio Lower Upper
94 100
65 39.9 17.0 57.0
66 56.7 29.8 69.8

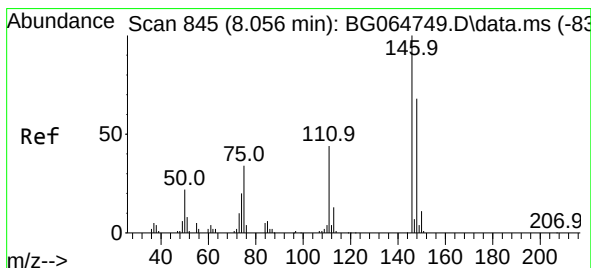
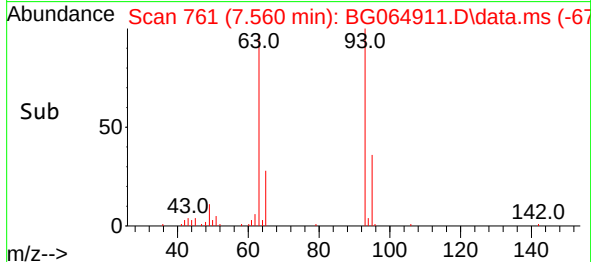
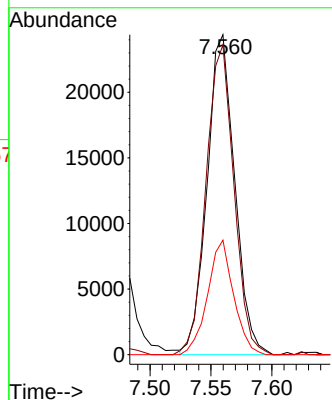
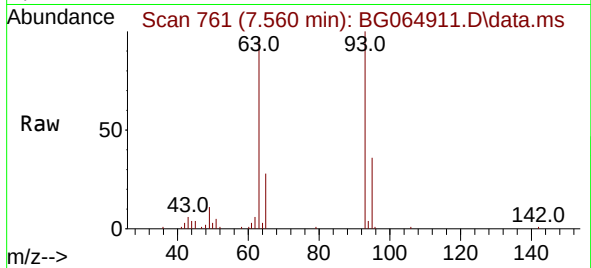




#11
bis(2-Chloroethyl)ether
Concen: 36.586 ng
RT: 7.560 min Scan# 763
Delta R.T. -0.014 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

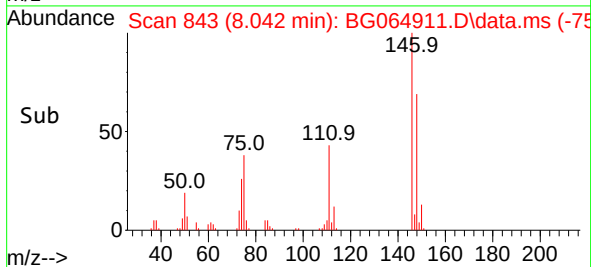
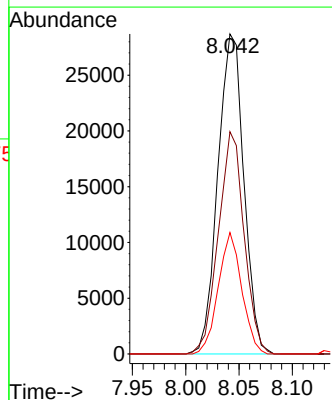
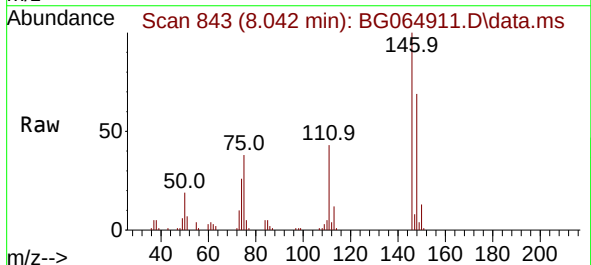
Instrument :
BNA_G
ClientSampleId :
72-11966MS

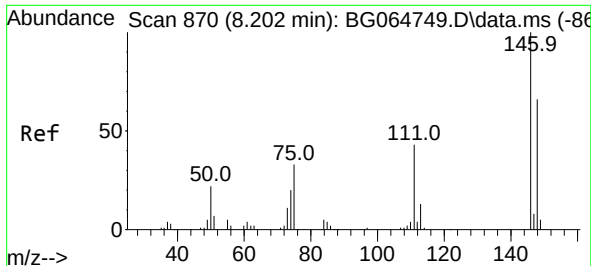
Tgt Ion: 93 Resp: 38590
Ion Ratio Lower Upper
93 100
63 96.9 81.8 121.8
95 35.8 10.3 50.3



#12
1,3-Dichlorobenzene
Concen: 37.501 ng
RT: 8.042 min Scan# 843
Delta R.T. -0.014 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

Tgt Ion: 146 Resp: 48532
Ion Ratio Lower Upper
146 100
148 69.5 54.6 82.0
75 37.9 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 37.470 ng

RT: 8.188 min Scan# 8

Delta R.T. -0.014 min

Lab File: BG064911.D

Acq: 9 Dec 2025 19:03

Instrument :

BNA_G

ClientSampleId :

72-11966MS

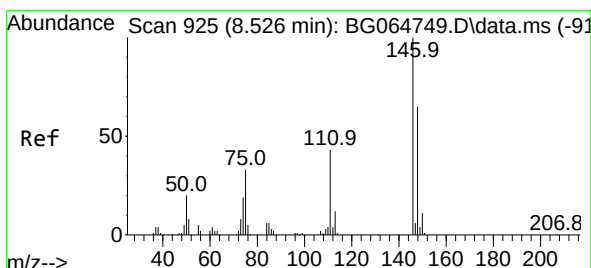
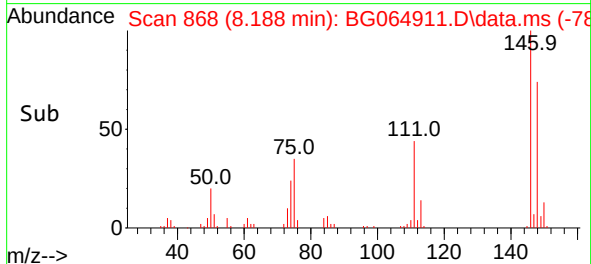
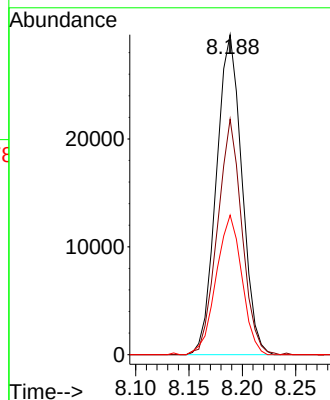
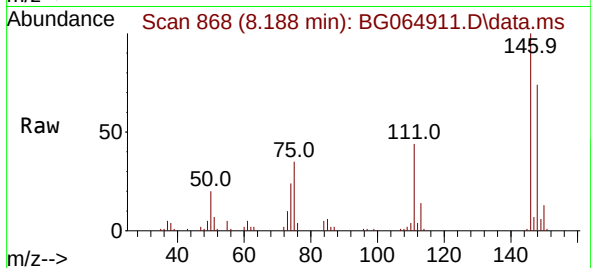
Tgt Ion:146 Resp: 49377

Ion Ratio Lower Upper

146 100

148 73.6 53.1 79.7

111 43.6 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 40.478 ng

RT: 8.512 min Scan# 923

Delta R.T. -0.014 min

Lab File: BG064911.D

Acq: 9 Dec 2025 19:03

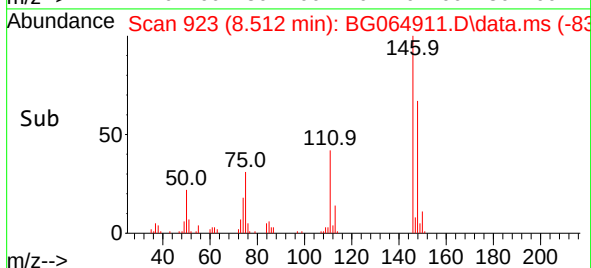
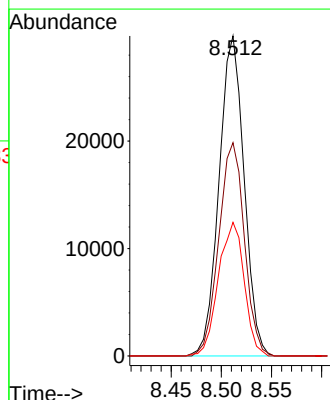
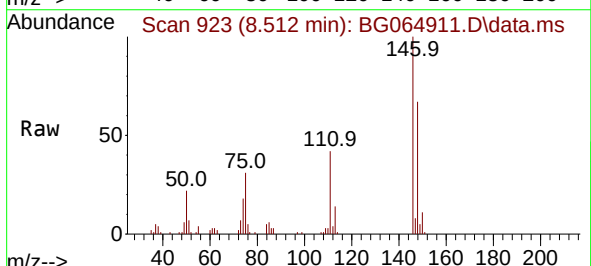
Tgt Ion:146 Resp: 51721

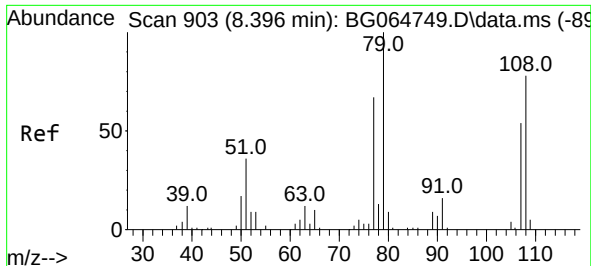
Ion Ratio Lower Upper

146 100

148 66.6 52.0 78.0

111 41.8 34.7 52.1

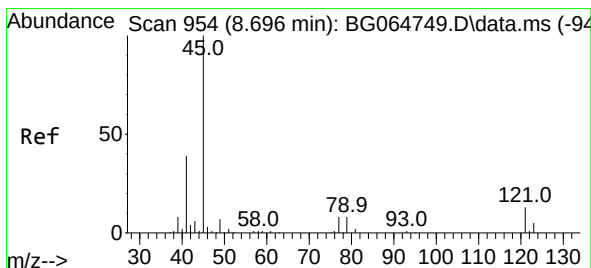
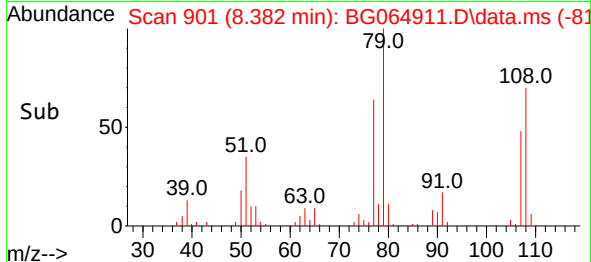
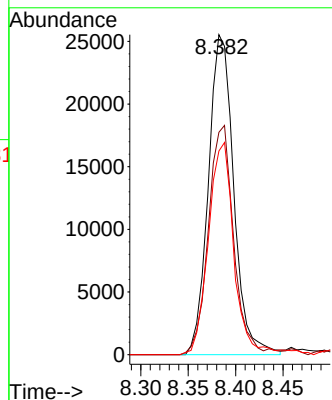
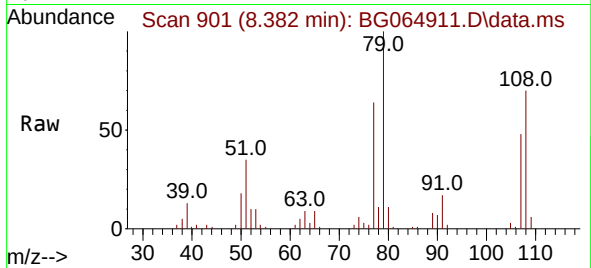




#15
Benzyl Alcohol
Concen: 42.524 ng
RT: 8.382 min Scan# 90
Delta R.T. -0.014 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

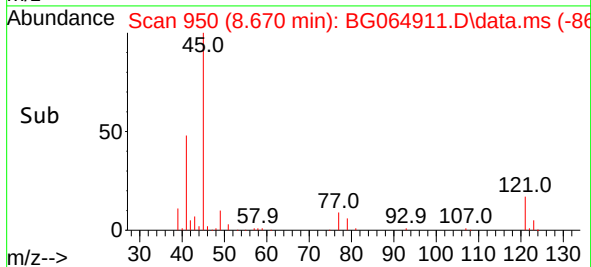
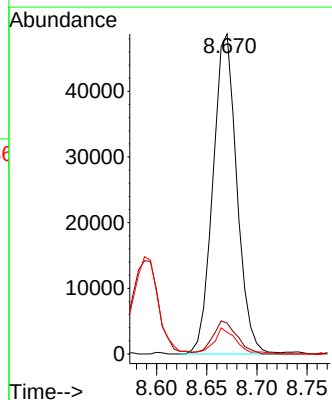
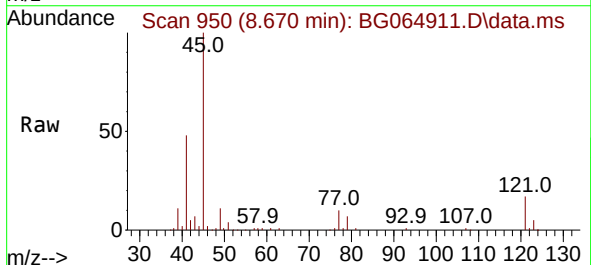
Instrument :
BNA_G
ClientSampleId :
72-11966MS

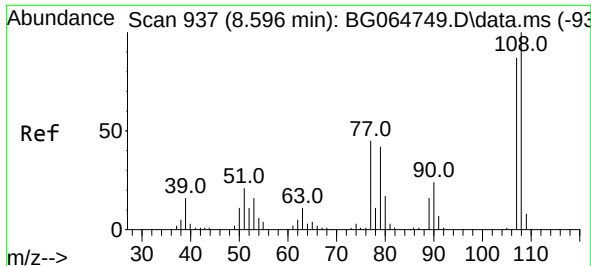
Tgt Ion: 79 Resp: 47552
Ion Ratio Lower Upper
79 100
108 69.5 62.3 93.5
77 63.6 53.5 80.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.339 ng
RT: 8.670 min Scan# 950
Delta R.T. -0.026 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

Tgt Ion: 45 Resp: 80738
Ion Ratio Lower Upper
45 100
77 9.7 0.0 28.8
79 6.8 0.0 28.1





#17

2-Methylphenol

Concen: 44.477 ng

RT: 8.588 min Scan# 91

Delta R.T. -0.008 min

Lab File: BG064911.D

Acq: 9 Dec 2025 19:03

Instrument :

BNA_G

ClientSampleId :

72-11966MS

Tgt Ion:107 Resp: 46648

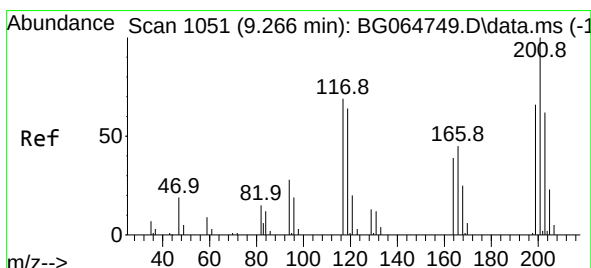
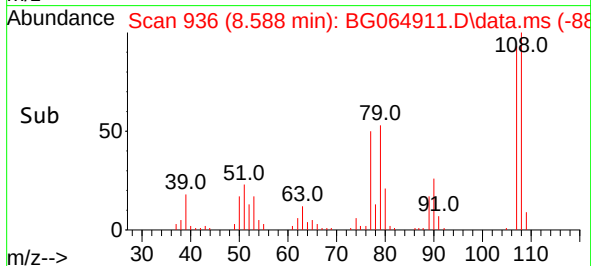
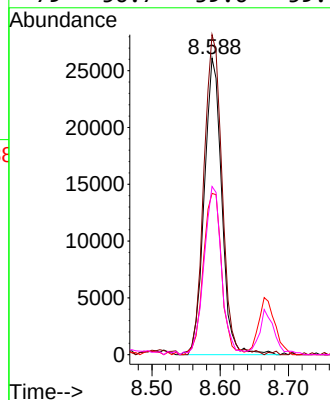
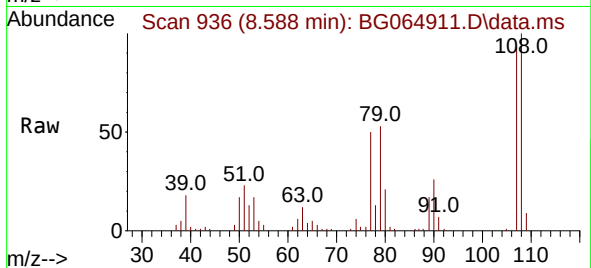
Ion Ratio Lower Upper

107 100

108 107.9 92.6 138.8

77 54.4 41.2 61.8

79 56.7 39.6 59.4



#18

Hexachloroethane

Concen: 37.346 ng

RT: 9.246 min Scan# 1048

Delta R.T. -0.020 min

Lab File: BG064911.D

Acq: 9 Dec 2025 19:03

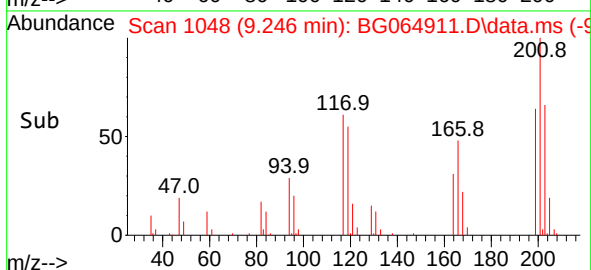
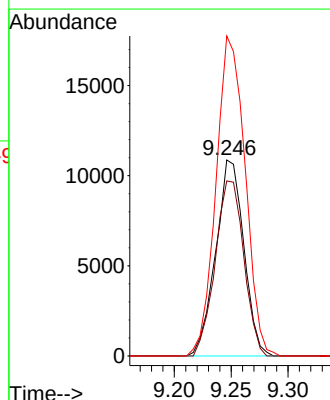
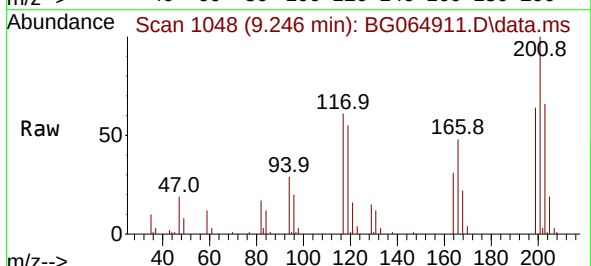
Tgt Ion:117 Resp: 18640

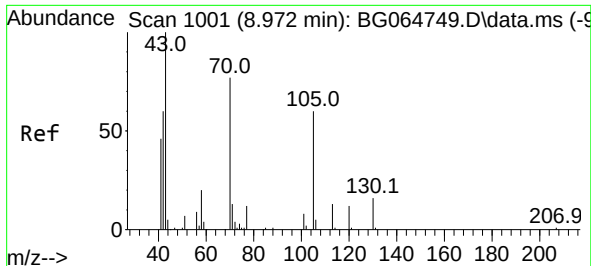
Ion Ratio Lower Upper

117 100

119 89.3 74.4 111.6

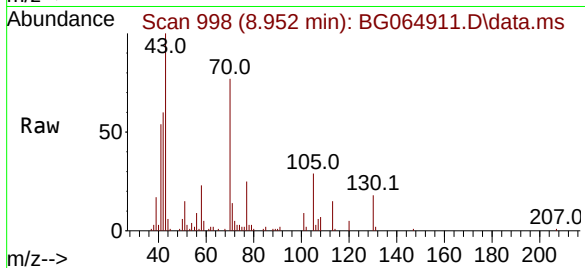
201 163.3 116.5 174.7



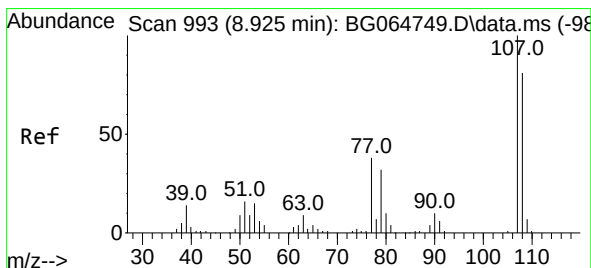
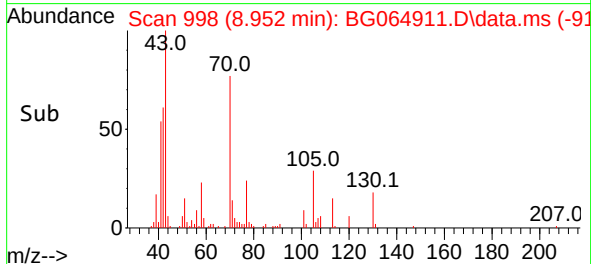
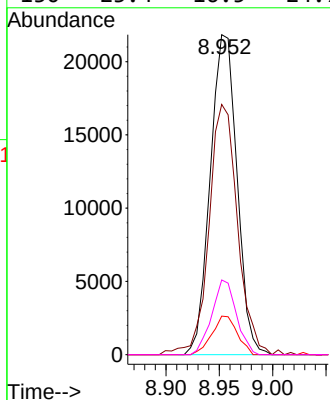


#19
n-Nitroso-di-n-propylamine
Concen: 41.334 ng
RT: 8.952 min Scan# 991
Delta R.T. -0.020 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

Instrument :
BNA_G
ClientSampleId :
72-11966MS

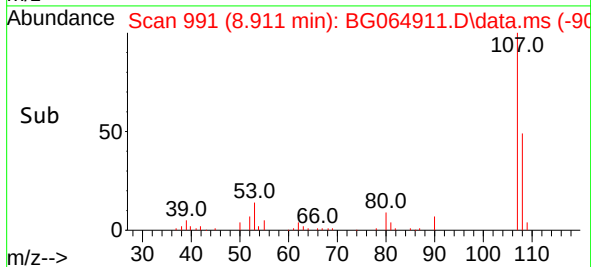
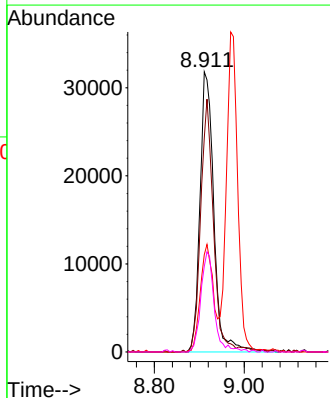
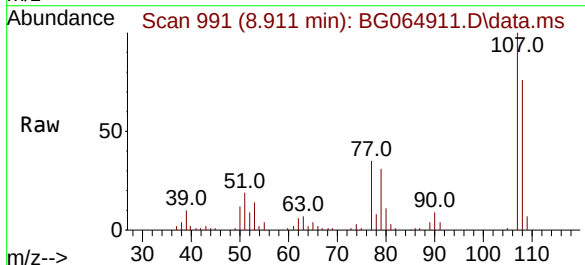


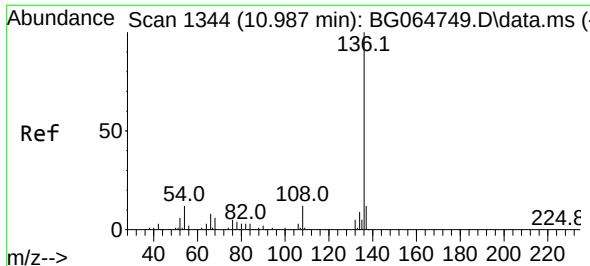
Tgt Ion: 70 Resp: 38074
Ion Ratio Lower Upper
70 100
42 78.2 62.6 93.8
101 12.0 8.0 12.0#
130 23.4 16.5 24.7



#20
3+4-Methylphenols
Concen: 47.486 ng
RT: 8.911 min Scan# 991
Delta R.T. -0.014 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

Tgt Ion: 107 Resp: 68228
Ion Ratio Lower Upper
107 100
108 76.3 61.0 101.0
77 34.8 17.6 57.6
79 30.6 12.3 52.3

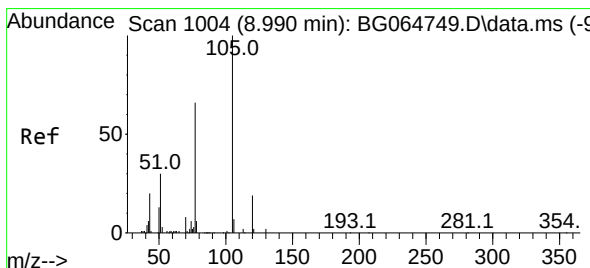
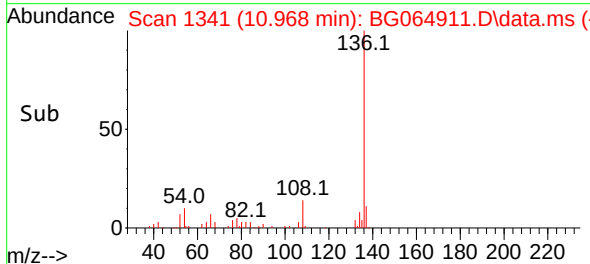
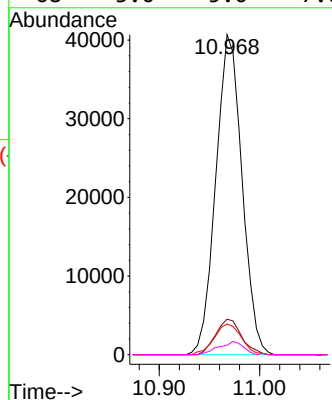
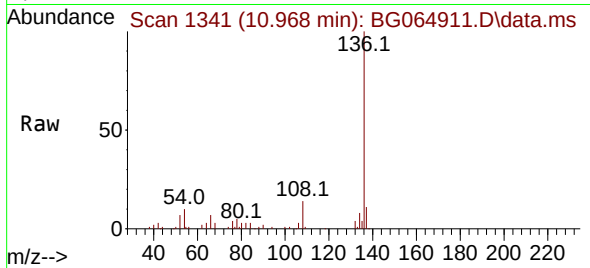




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.968 min Scan# 11
Delta R.T. -0.019 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

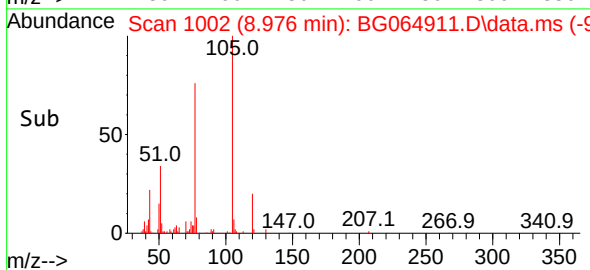
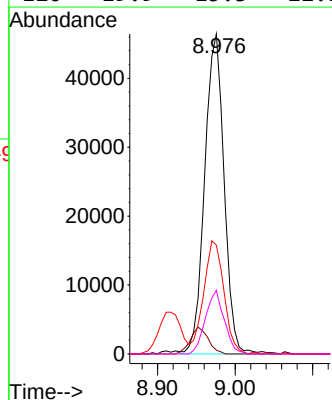
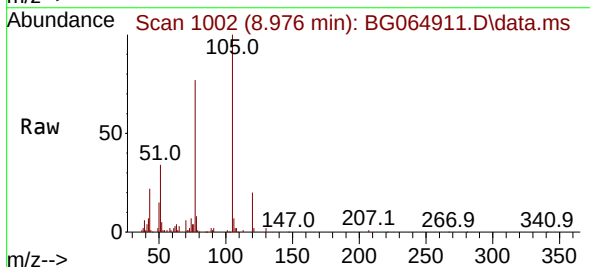
Instrument :
BNA_G
ClientSampleId :
72-11966MS

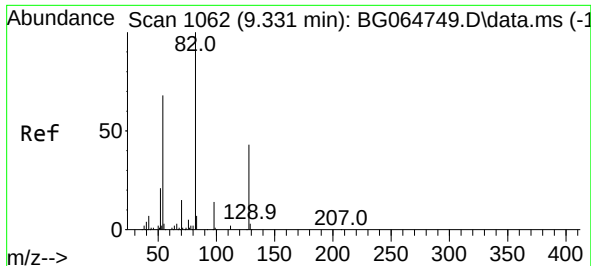
Tgt Ion:	136	Resp:	73614
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	10.3	9.3	13.9
68	3.0	5.0	7.6#



#22
Acetophenone
Concen: 40.349 ng
RT: 8.976 min Scan# 1002
Delta R.T. -0.014 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

Tgt Ion:	105	Resp:	80922
Ion	Ratio	Lower	Upper
105	100		
71	1.2	1.3	1.9#
51	34.0	27.9	41.9
120	19.9	15.3	22.9

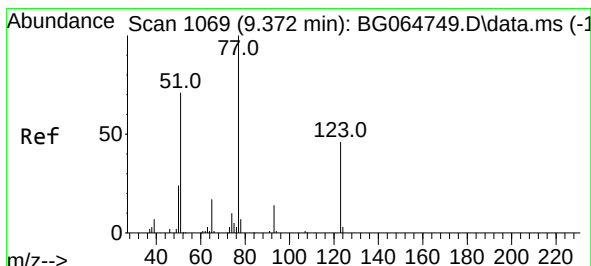
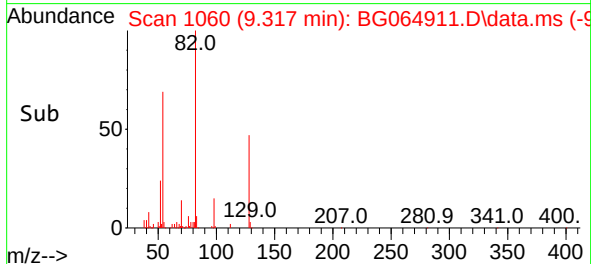
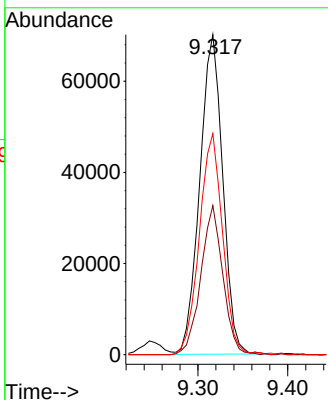
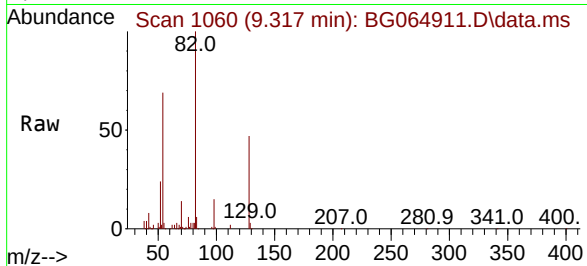




#23
Nitrobenzene-d5
Concen: 83.492 ng
RT: 9.317 min Scan# 1060
Delta R.T. -0.014 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

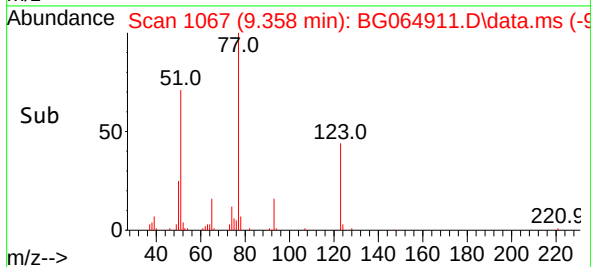
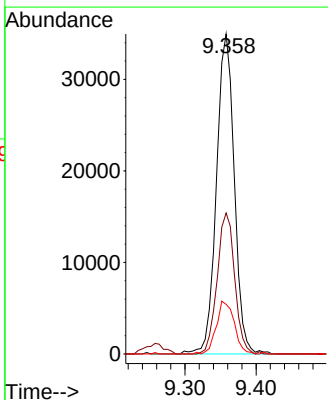
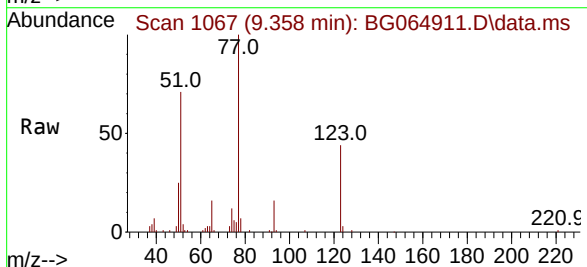
Instrument :
BNA_G
ClientSampleId :
72-11966MS

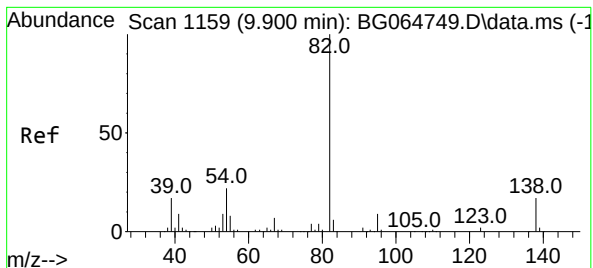
Tgt Ion: 82 Resp: 124309
Ion Ratio Lower Upper
82 100
128 46.6 34.1 51.1
54 69.1 54.3 81.5



#24
Nitrobenzene
Concen: 40.401 ng
RT: 9.358 min Scan# 1067
Delta R.T. -0.014 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

Tgt Ion: 77 Resp: 60778
Ion Ratio Lower Upper
77 100
123 44.0 36.5 54.7
65 15.5 13.5 20.3





#25

Isophorone

Concen: 40.427 ng

RT: 9.881 min Scan# 1156

Delta R.T. -0.020 min

Lab File: BG064911.D

Acq: 9 Dec 2025 19:03

Instrument :

BNA_G

ClientSampleId :

72-11966MS

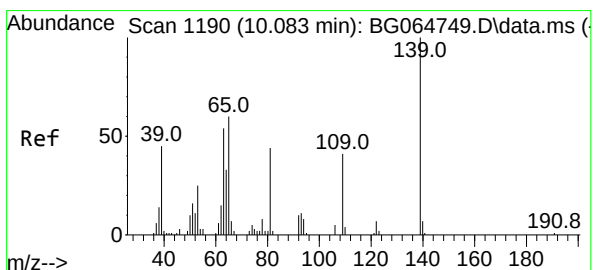
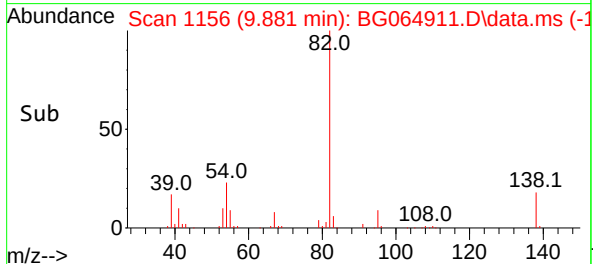
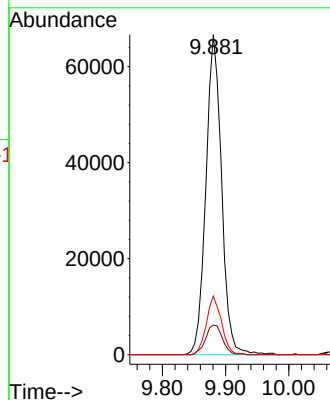
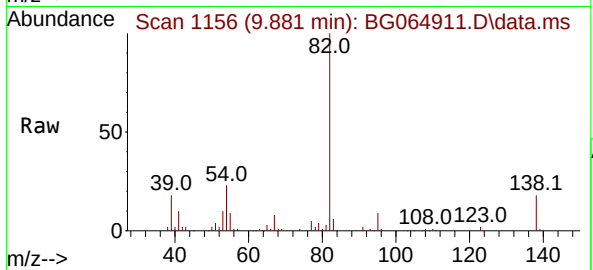
Tgt Ion: 82 Resp: 114622

Ion Ratio Lower Upper

82 100

95 9.3 6.9 10.3

138 18.4 13.9 20.9



#26

2-Nitrophenol

Concen: 47.171 ng

RT: 10.074 min Scan# 1189

Delta R.T. -0.008 min

Lab File: BG064911.D

Acq: 9 Dec 2025 19:03

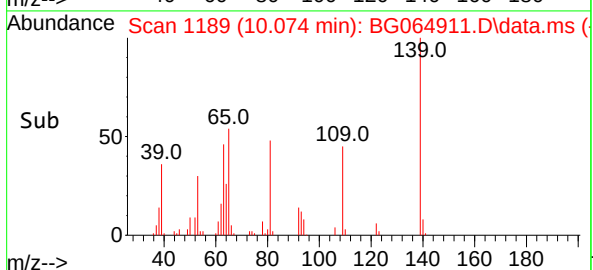
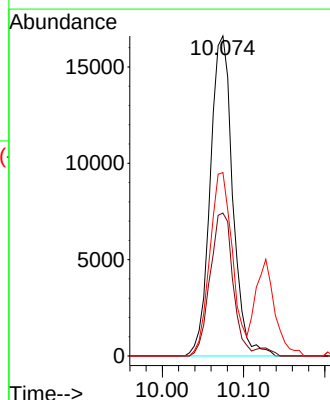
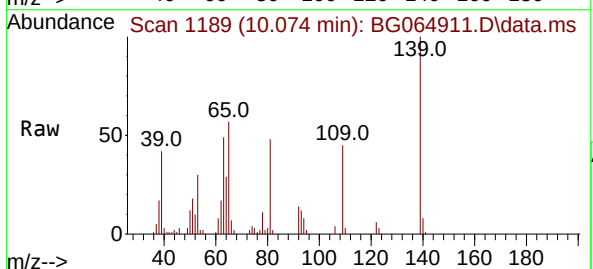
Tgt Ion: 139 Resp: 31919

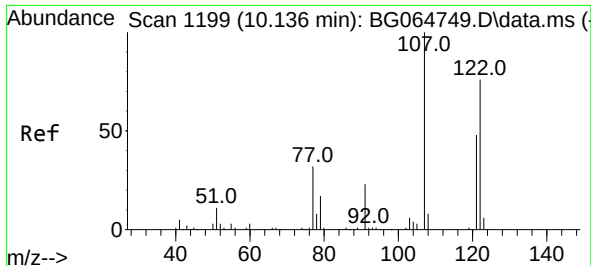
Ion Ratio Lower Upper

139 100

109 44.6 32.5 48.7

65 57.3 47.6 71.4

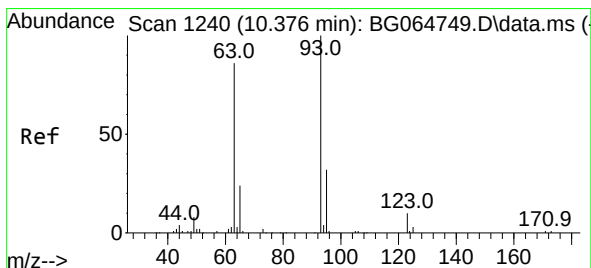
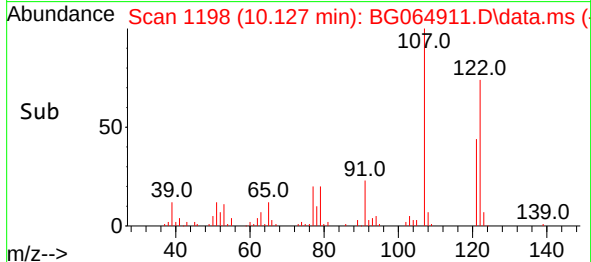
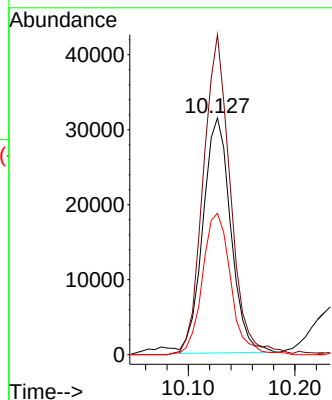
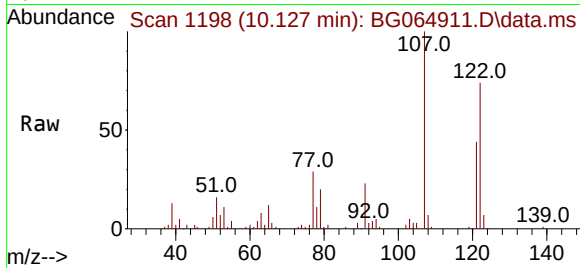




#27
2,4-Dimethylphenol
Concen: 47.176 ng
RT: 10.127 min Scan# 1199
Delta R.T. -0.008 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

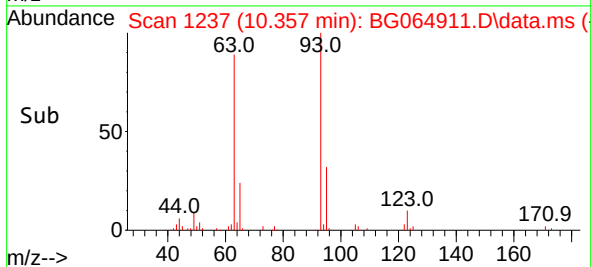
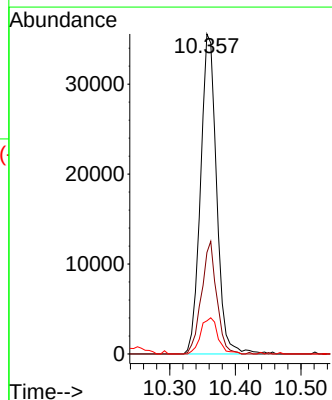
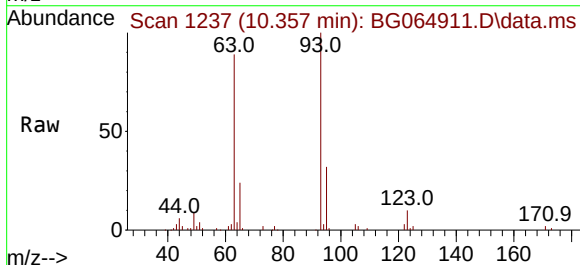
Instrument :
BNA_G
ClientSampleId :
72-11966MS

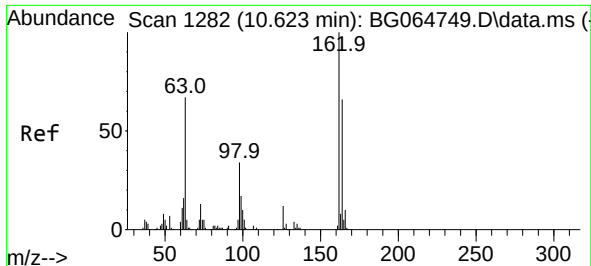
Tgt Ion:122 Resp: 56711
Ion Ratio Lower Upper
122 100
107 135.1 102.5 153.7
121 59.7 49.0 73.6



#28
bis(2-Chloroethoxy)methane
Concen: 38.966 ng
RT: 10.357 min Scan# 1237
Delta R.T. -0.020 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

Tgt Ion: 93 Resp: 60653
Ion Ratio Lower Upper
93 100
95 31.7 25.4 38.2
123 10.3 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 52.830 ng

RT: 10.615 min Scan# 11

Delta R.T. -0.008 min

Lab File: BG064911.D

Acq: 9 Dec 2025 19:03

Instrument :

BNA_G

ClientSampleId :

72-11966MS

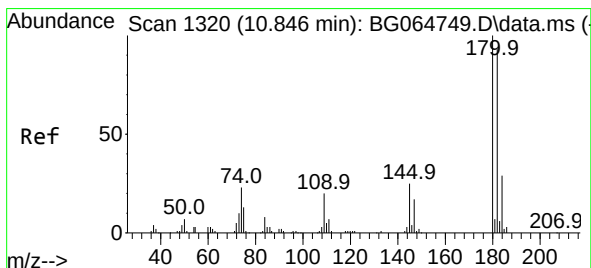
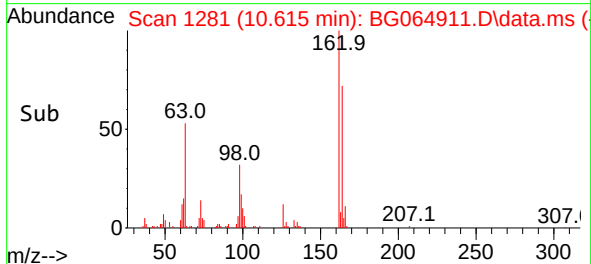
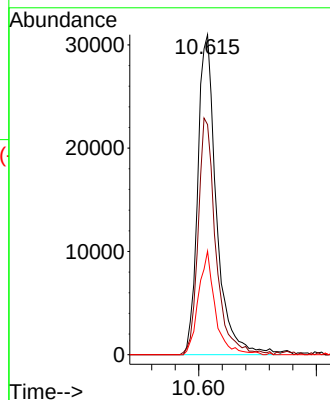
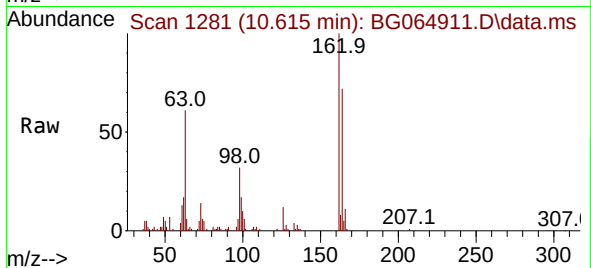
Tgt Ion:162 Resp: 68184

Ion Ratio Lower Upper

162 100

164 71.9 46.0 86.0

98 32.4 14.2 54.2



#30

1,2,4-Trichlorobenzene

Concen: 46.541 ng

RT: 10.832 min Scan# 1318

Delta R.T. -0.014 min

Lab File: BG064911.D

Acq: 9 Dec 2025 19:03

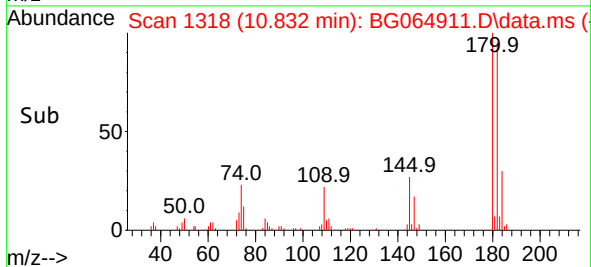
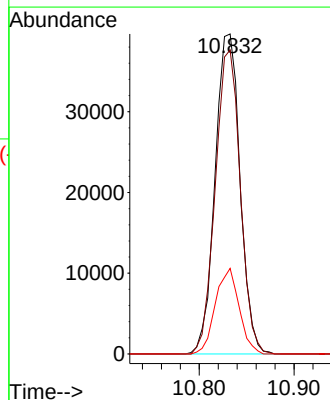
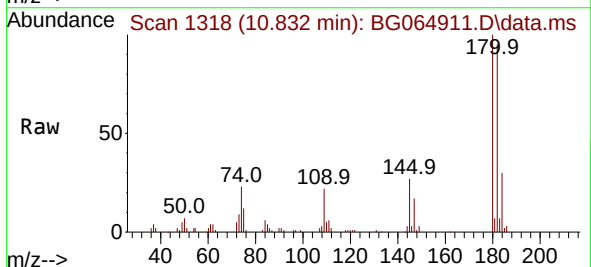
Tgt Ion:180 Resp: 72533

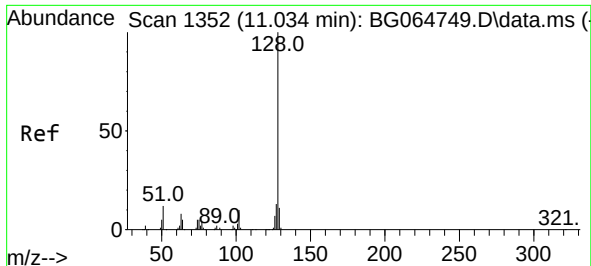
Ion Ratio Lower Upper

180 100

182 95.0 74.2 111.4

145 26.8 20.0 30.0

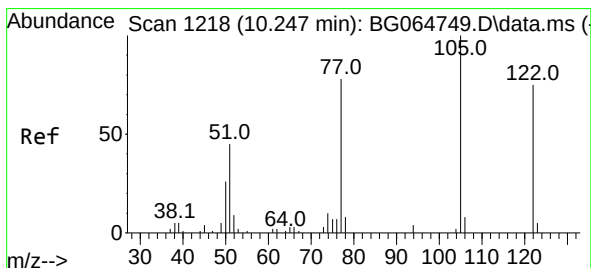
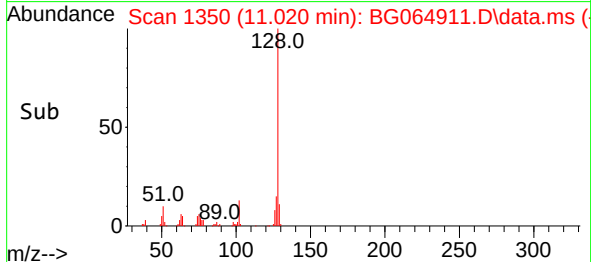
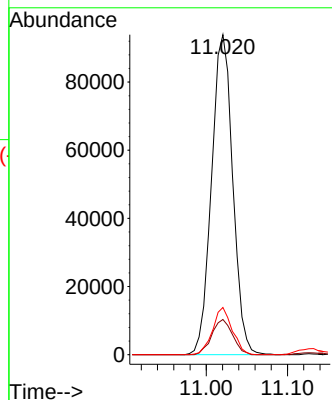
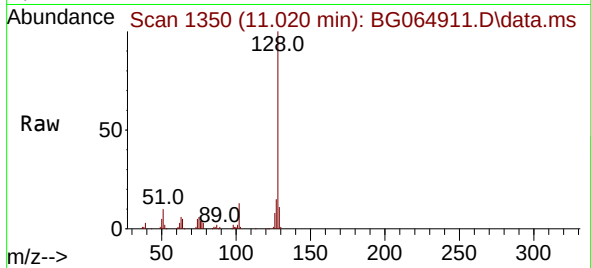




#31
Naphthalene
Concen: 40.814 ng
RT: 11.020 min Scan# 11
Delta R.T. -0.014 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

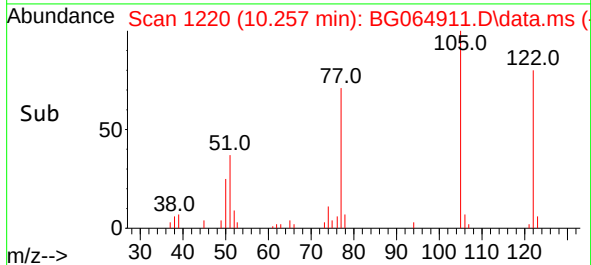
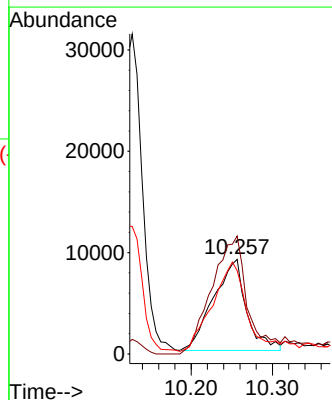
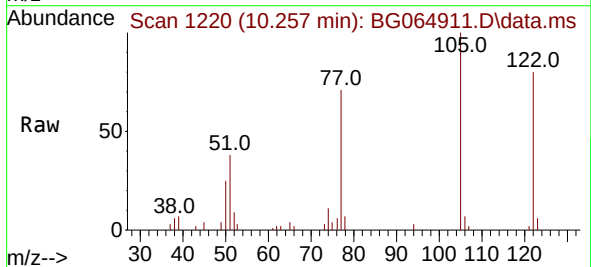
Instrument :
BNA_G
ClientSampleId :
72-11966MS

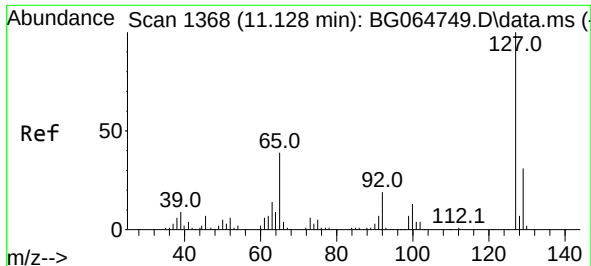
Tgt Ion:128 Resp: 170319
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 14.8 10.6 16.0



#32
Benzoic acid
Concen: 32.152 ng
RT: 10.257 min Scan# 1220
Delta R.T. 0.010 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

Tgt Ion:122 Resp: 25401
Ion Ratio Lower Upper
122 100
105 124.6 107.6 147.6
77 88.1 82.5 122.5

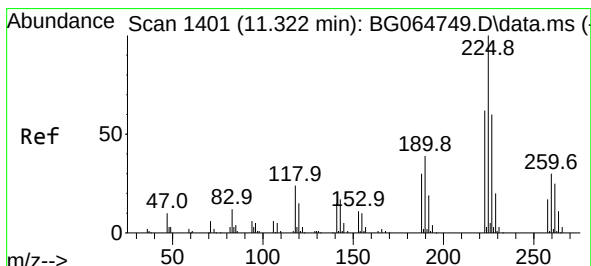
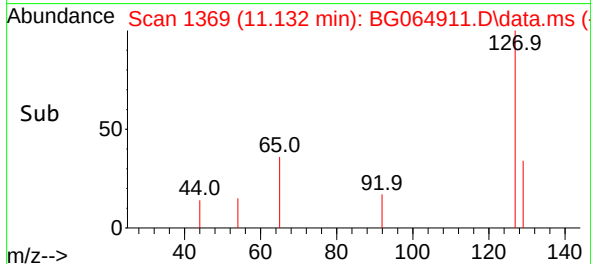
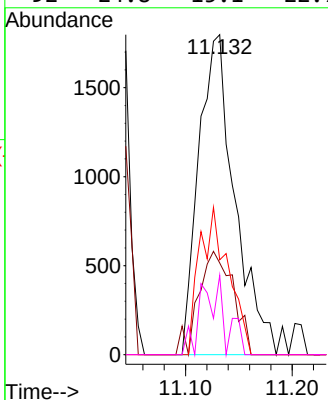
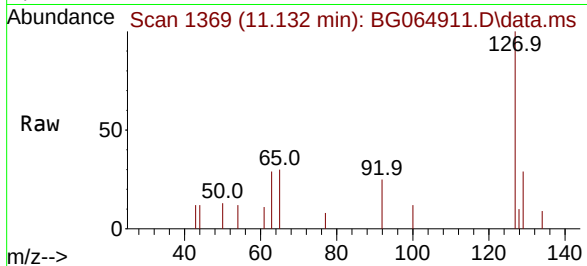




#33
4-Chloroaniline
Concen: 2.529 ng
RT: 11.132 min Scan# 1368
Delta R.T. 0.004 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

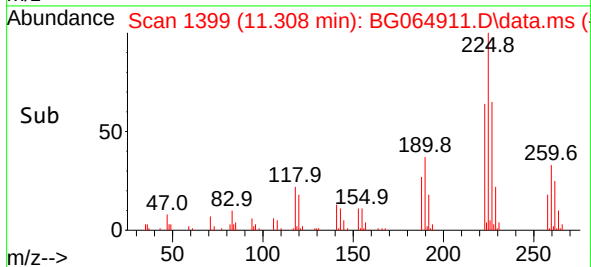
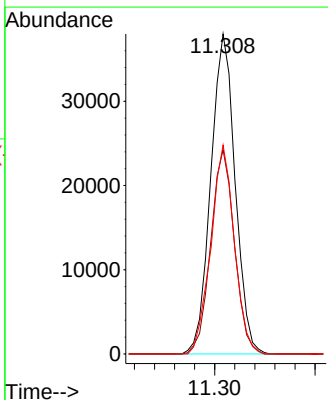
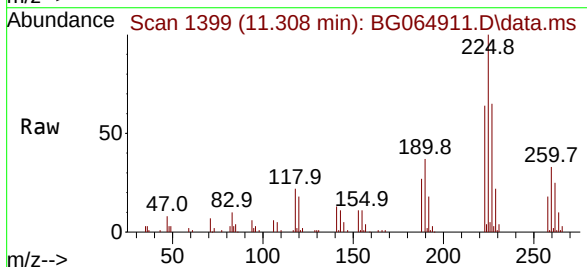
Instrument :
BNA_G
ClientSampleId :
72-11966MS

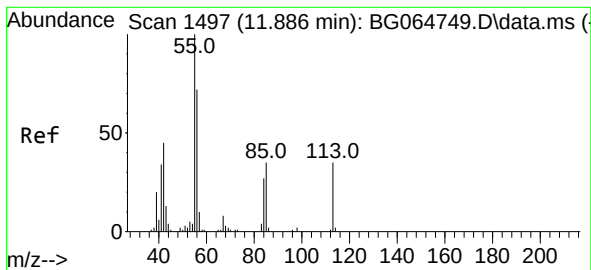
Tgt Ion:	127	Resp:	4221
Ion	Ratio	Lower	Upper
127	100		
129	28.6	24.9	37.3
65	29.6	30.9	46.3#
92	24.8	15.1	22.7#



#34
Hexachlorobutadiene
Concen: 47.799 ng
RT: 11.308 min Scan# 1399
Delta R.T. -0.014 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

Tgt Ion:	225	Resp:	63916
Ion	Ratio	Lower	Upper
225	100		
223	60.5	49.9	74.9
227	61.8	50.6	75.8

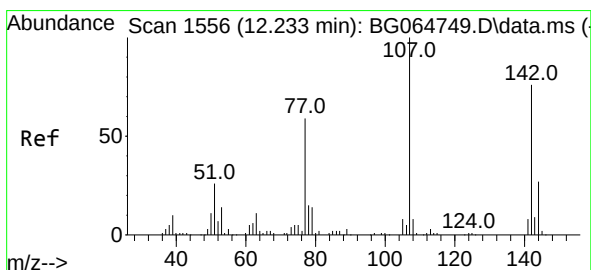
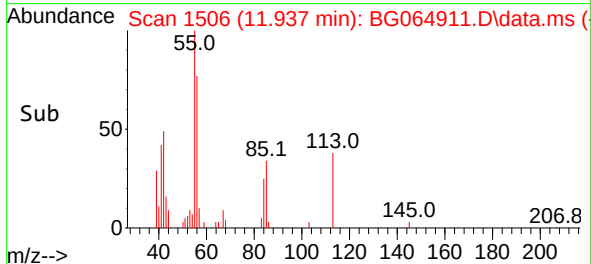
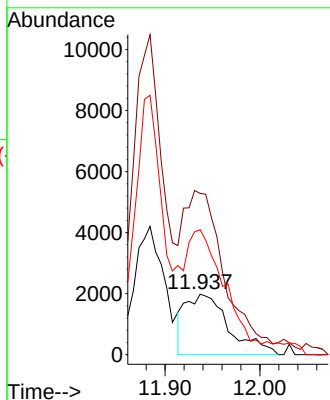
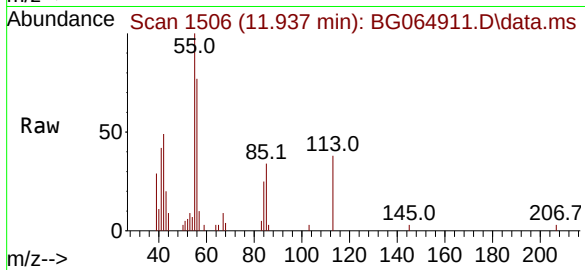




#35
 Caprolactam
 Concen: 16.388 ng
 RT: 11.937 min Scan# 11
 Delta R.T. 0.051 min
 Lab File: BG064911.D
 Acq: 9 Dec 2025 19:03

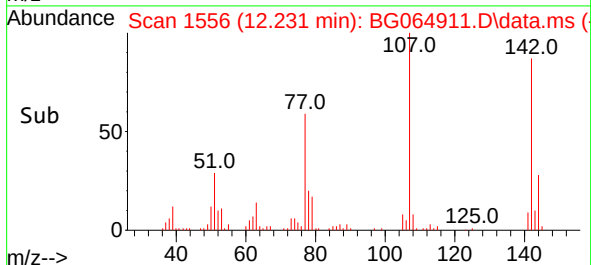
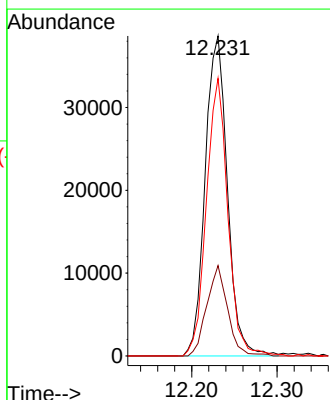
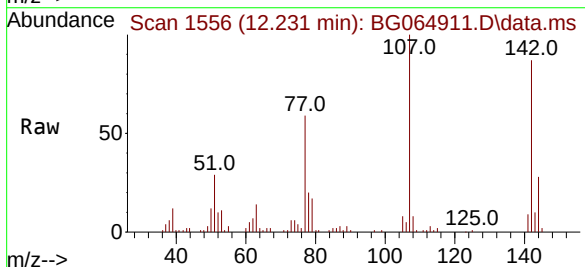
Instrument :
 BNA_G
 ClientSampleId :
 72-11966MS

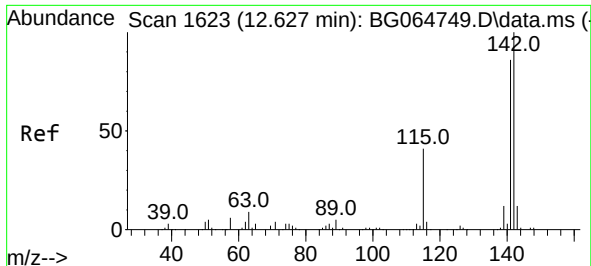
Tgt Ion:113 Resp: 6326
 Ion Ratio Lower Upper
 113 100
 55 266.6 263.7 303.7
 56 206.5 184.0 224.0



#36
 4-Chloro-3-methylphenol
 Concen: 48.812 ng
 RT: 12.231 min Scan# 1556
 Delta R.T. -0.002 min
 Lab File: BG064911.D
 Acq: 9 Dec 2025 19:03

Tgt Ion:107 Resp: 70119
 Ion Ratio Lower Upper
 107 100
 144 28.3 21.7 32.5
 142 86.7 60.8 91.2





#37

2-Methylnaphthalene

Concen: 41.003 ng

RT: 12.613 min Scan# 1

Delta R.T. -0.014 min

Lab File: BG064911.D

Acq: 9 Dec 2025 19:03

Instrument :

BNA_G

ClientSampleId :

72-11966MS

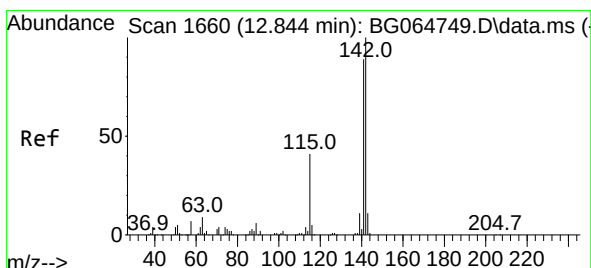
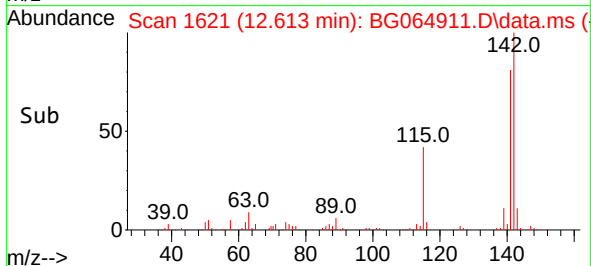
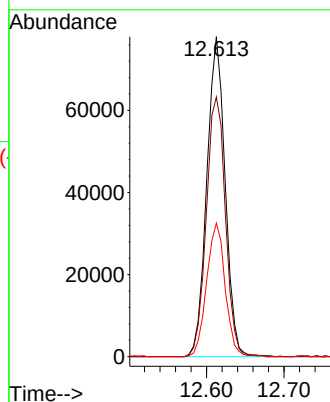
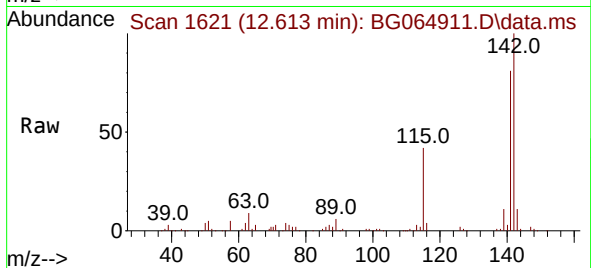
Tgt Ion:142 Resp: 128044

Ion Ratio Lower Upper

142 100

141 81.2 69.1 103.7

115 41.7 32.9 49.3



#38

1-Methylnaphthalene

Concen: 43.554 ng

RT: 12.830 min Scan# 1658

Delta R.T. -0.014 min

Lab File: BG064911.D

Acq: 9 Dec 2025 19:03

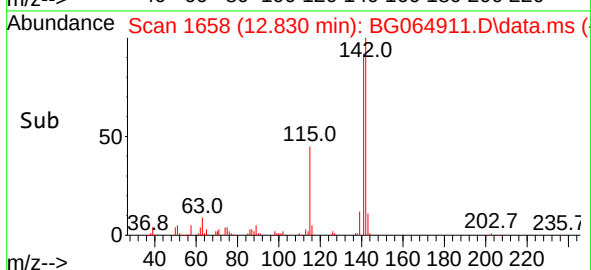
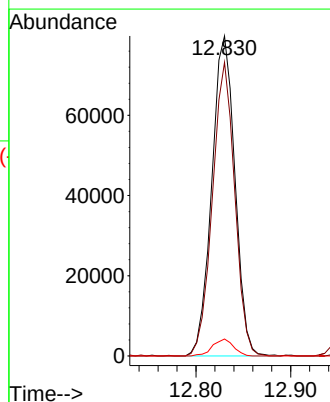
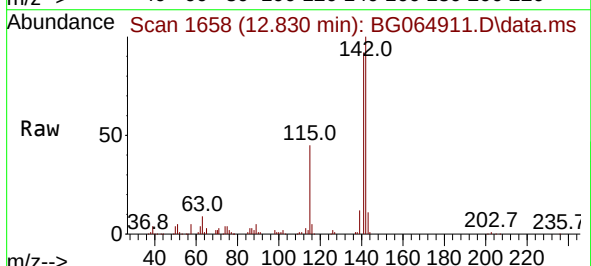
Tgt Ion:142 Resp: 135106

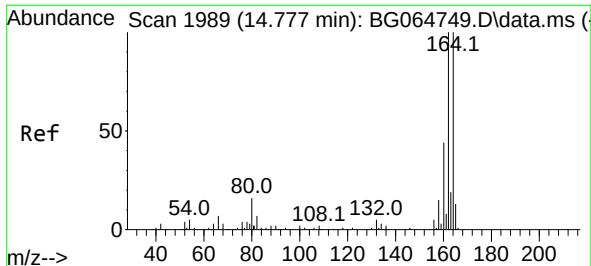
Ion Ratio Lower Upper

142 100

141 91.7 70.8 106.2

116 5.3 3.7 5.5

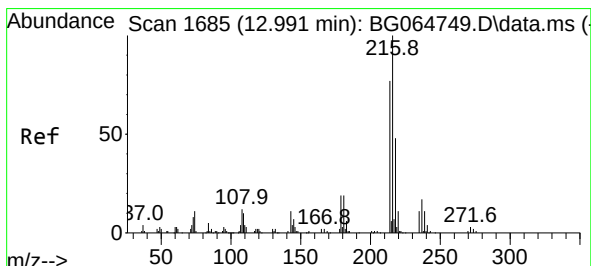
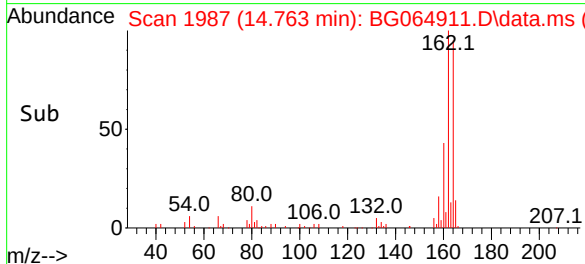
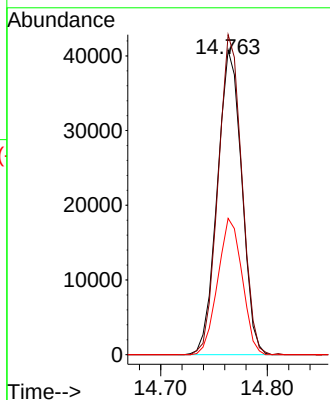
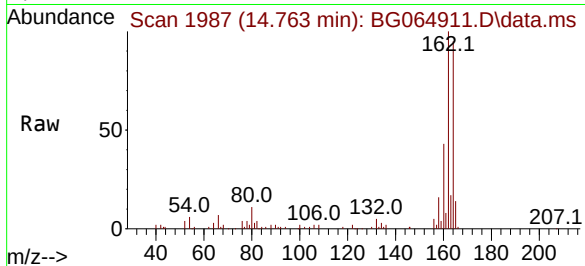




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.763 min Scan# 1989
Delta R.T. -0.014 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

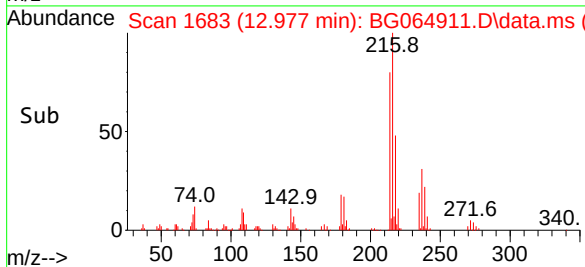
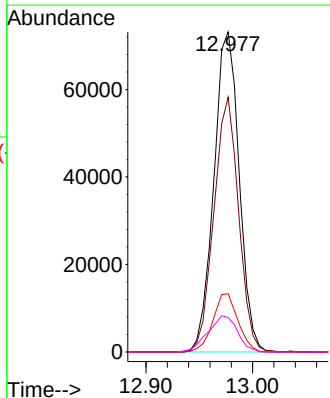
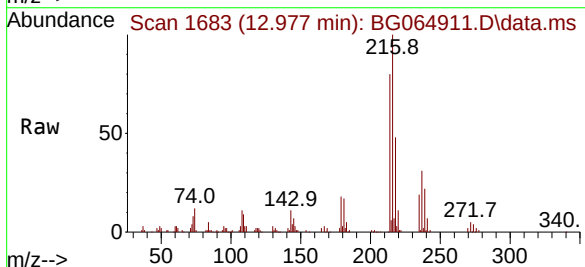
Instrument :
BNA_G
ClientSampleId :
72-11966MS

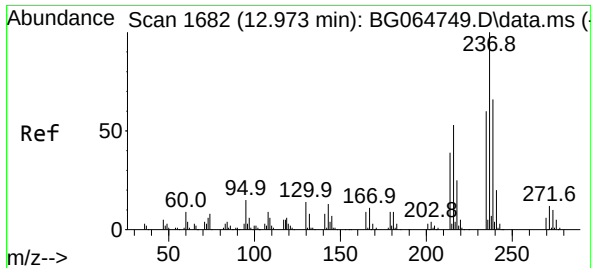
Tgt Ion:164 Resp: 64830
Ion Ratio Lower Upper
164 100
162 105.1 79.8 119.6
160 44.8 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.693 ng
RT: 12.977 min Scan# 1683
Delta R.T. -0.014 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

Tgt Ion:216 Resp: 120330
Ion Ratio Lower Upper
216 100
214 77.7 60.5 90.7
179 18.1 14.7 22.1
108 13.1 10.6 16.0

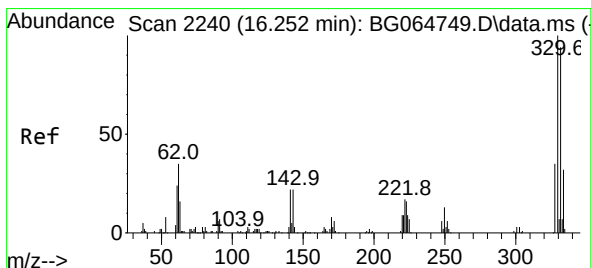
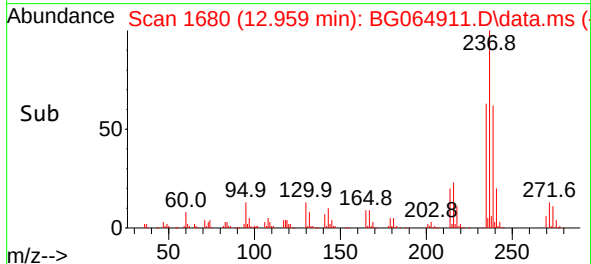
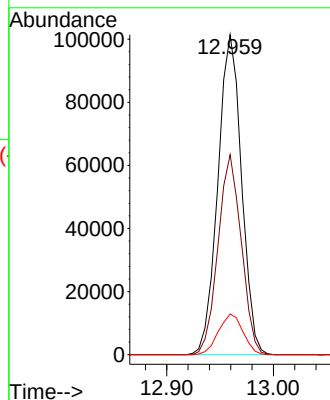
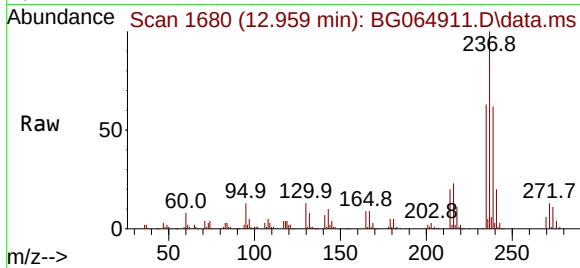




#41
Hexachlorocyclopentadiene
Concen: 86.372 ng
RT: 12.959 min Scan# 1
Delta R.T. -0.014 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

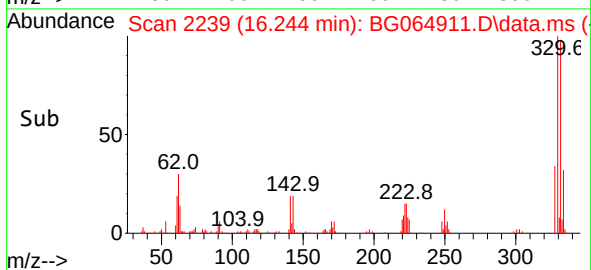
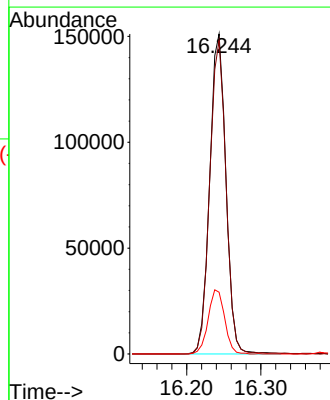
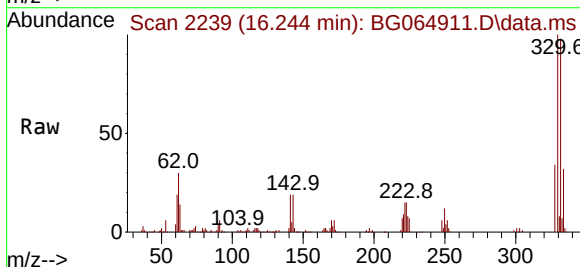
Instrument :
BNA_G
ClientSampleId :
72-11966MS

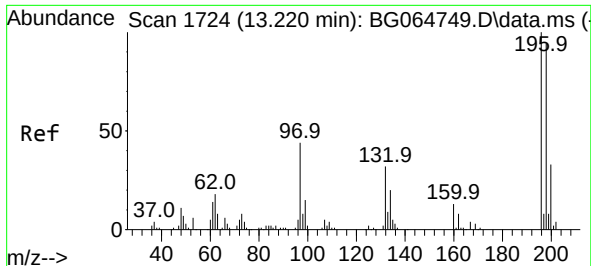
Tgt Ion:237 Resp: 156197
Ion Ratio Lower Upper
237 100
235 62.5 40.2 80.2
272 12.7 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 181.831 ng
RT: 16.244 min Scan# 2239
Delta R.T. -0.008 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

Tgt Ion:330 Resp: 229904
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 20.3 18.2 27.2

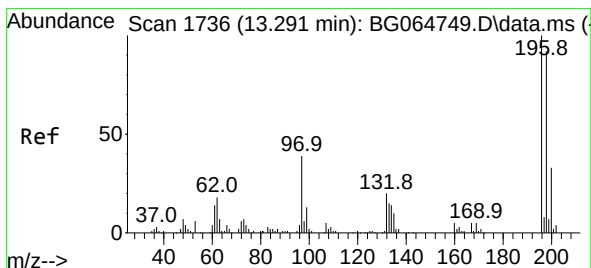
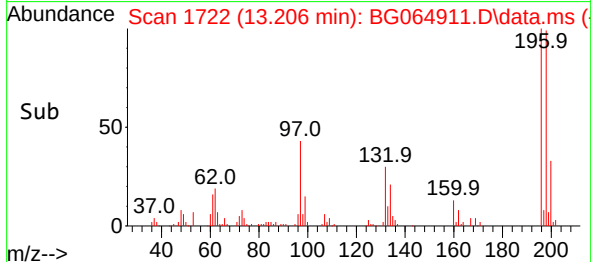
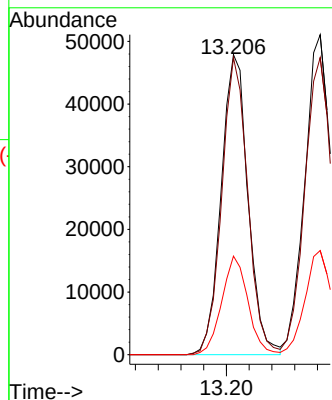
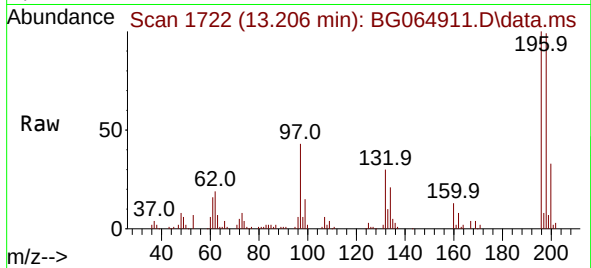




#43
 2,4,6-Trichlorophenol
 Concen: 53.104 ng
 RT: 13.206 min Scan# 1722
 Delta R.T. -0.014 min
 Lab File: BG064911.D
 Acq: 9 Dec 2025 19:03

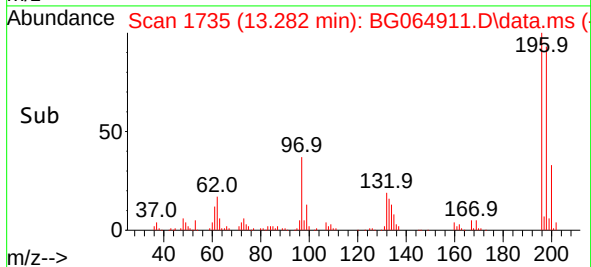
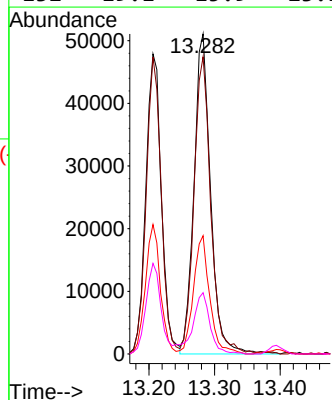
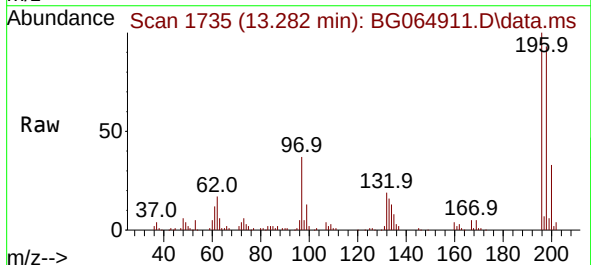
Instrument :
 BNA_G
 ClientSampleId :
 72-11966MS

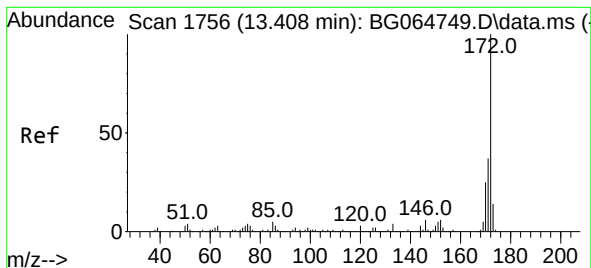
Tgt Ion:196 Resp: 78635
 Ion Ratio Lower Upper
 196 100
 198 99.0 75.3 112.9
 200 32.9 26.2 39.2



#44
 2,4,5-Trichlorophenol
 Concen: 54.266 ng
 RT: 13.282 min Scan# 1735
 Delta R.T. -0.008 min
 Lab File: BG064911.D
 Acq: 9 Dec 2025 19:03

Tgt Ion:196 Resp: 90125
 Ion Ratio Lower Upper
 196 100
 198 92.8 73.2 109.8
 97 36.9 31.4 47.0
 132 19.1 15.9 23.9





#45

2-Fluorobiphenyl

Concen: 92.479 ng

RT: 13.394 min Scan# 1

Delta R.T. -0.014 min

Lab File: BG064911.D

Acq: 9 Dec 2025 19:03

Instrument :

BNA_G

ClientSampleId :

72-11966MS

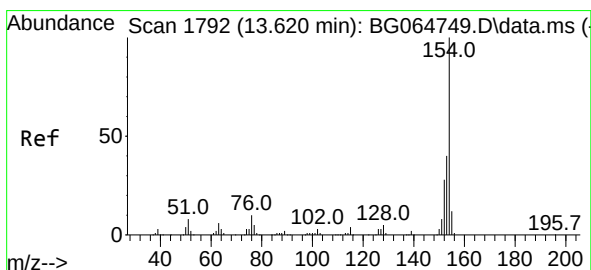
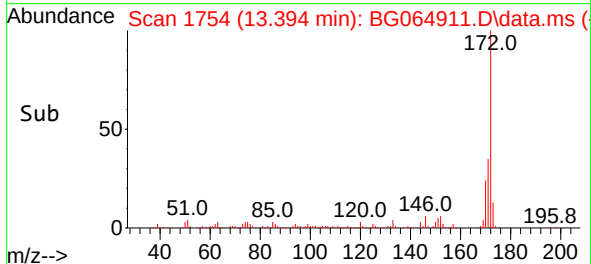
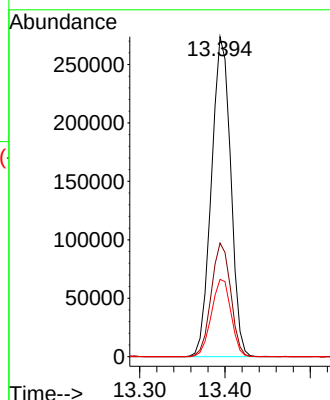
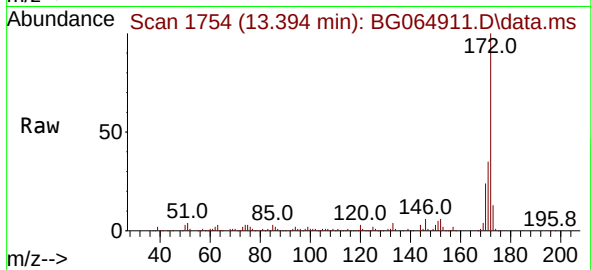
Tgt Ion:172 Resp: 429672

Ion Ratio Lower Upper

172 100

171 35.5 29.9 44.9

170 24.2 19.8 29.6



#46

1,1'-Biphenyl

Concen: 46.147 ng

RT: 13.606 min Scan# 1790

Delta R.T. -0.014 min

Lab File: BG064911.D

Acq: 9 Dec 2025 19:03

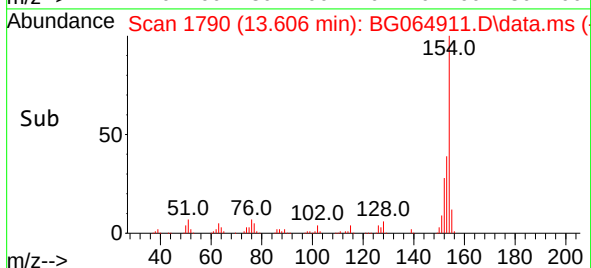
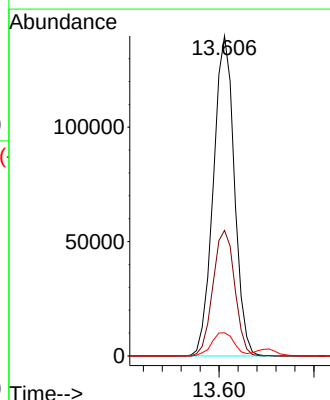
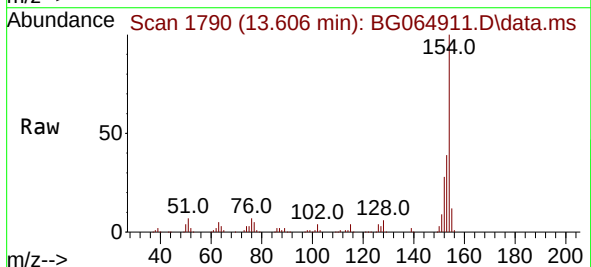
Tgt Ion:154 Resp: 214876

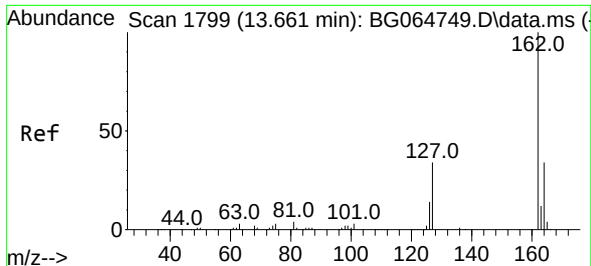
Ion Ratio Lower Upper

154 100

153 39.3 19.8 59.8

76 7.3 0.0 30.0

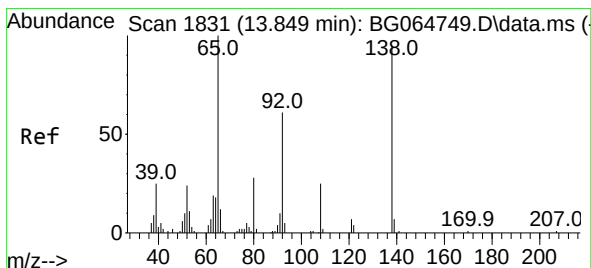
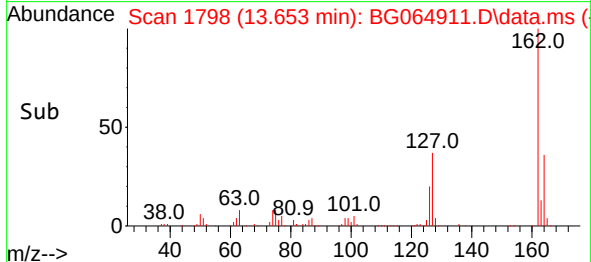
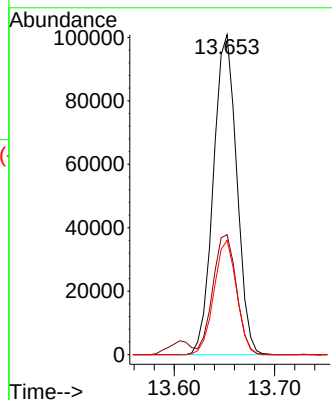
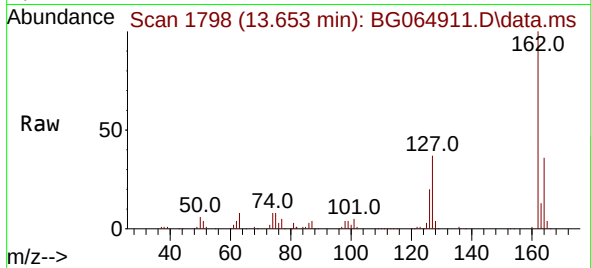




#47
2-Chloronaphthalene
Concen: 44.397 ng
RT: 13.653 min Scan# 1799
Delta R.T. -0.008 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

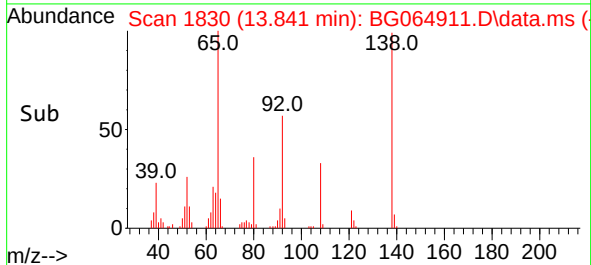
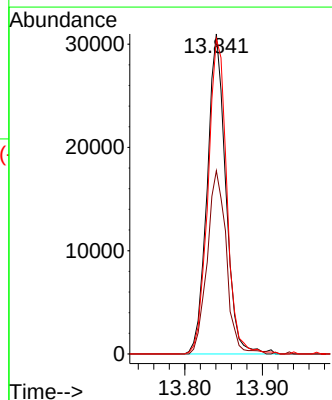
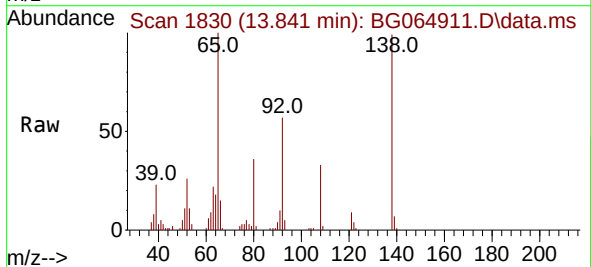
Instrument :
BNA_G
ClientSampleId :
72-11966MS

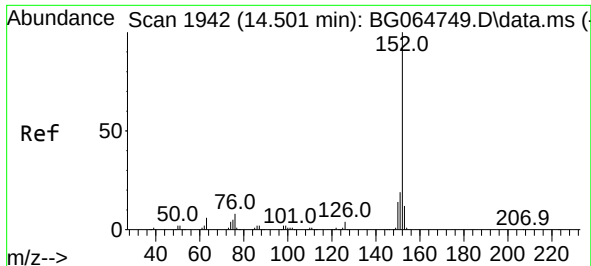
Tgt Ion:162 Resp: 162863
Ion Ratio Lower Upper
162 100
127 37.5 30.3 45.5
164 35.7 26.8 40.2



#48
2-Nitroaniline
Concen: 43.739 ng
RT: 13.841 min Scan# 1830
Delta R.T. -0.008 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

Tgt Ion: 65 Resp: 51607
Ion Ratio Lower Upper
65 100
92 57.3 48.6 73.0
138 98.5 76.4 114.6

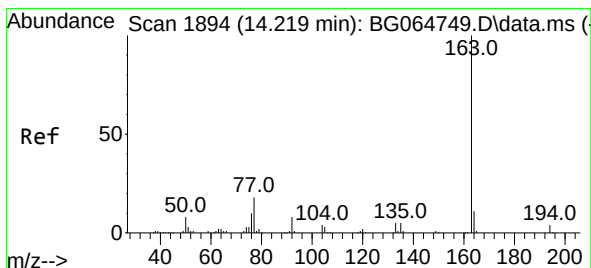
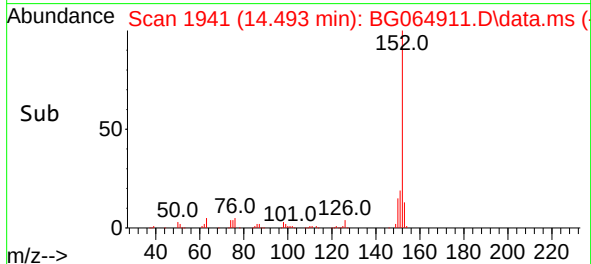
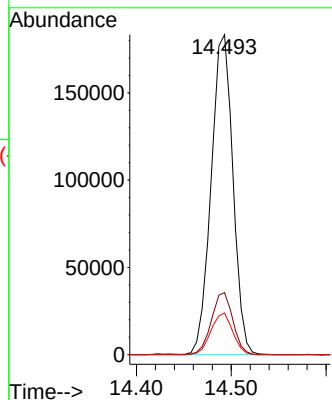
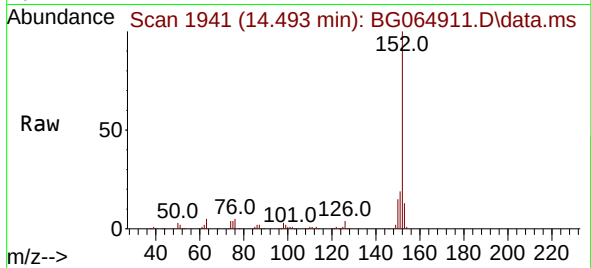




#49
Acenaphthylene
Concen: 46.664 ng
RT: 14.493 min Scan# 1942
Delta R.T. -0.008 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

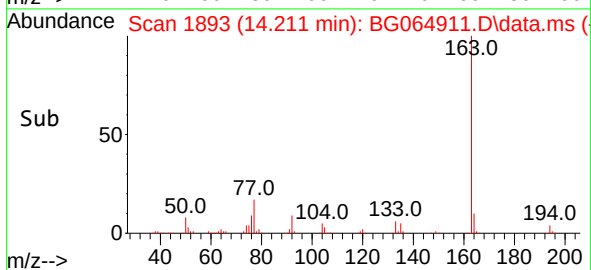
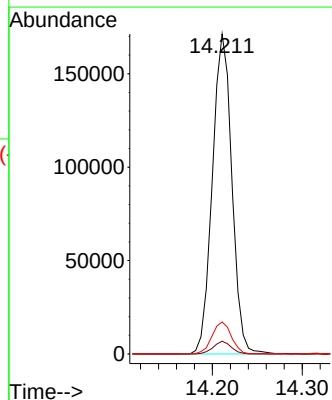
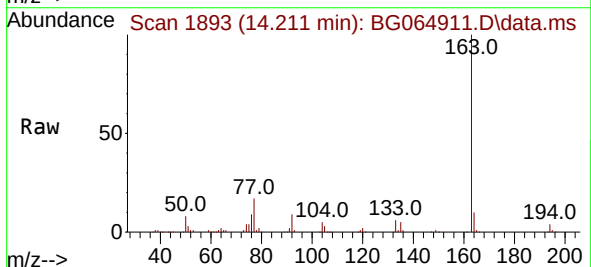
Instrument :
BNA_G
ClientSampleId :
72-11966MS

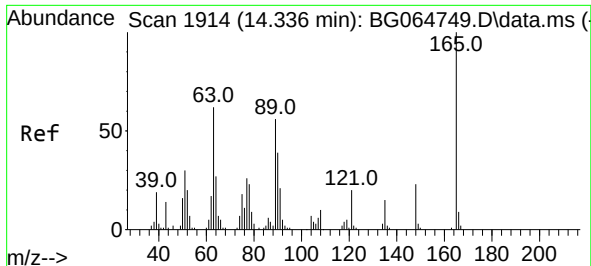
Tgt Ion:152 Resp: 292444
Ion Ratio Lower Upper
152 100
151 19.4 15.0 22.4
153 13.0 9.9 14.9



#50
Dimethylphthalate
Concen: 50.427 ng
RT: 14.211 min Scan# 1893
Delta R.T. -0.008 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

Tgt Ion:163 Resp: 258242
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.0 8.6 12.8





#51

2,6-Dinitrotoluene

Concen: 53.446 ng

RT: 14.328 min Scan# 1914

Delta R.T. -0.008 min

Lab File: BG064911.D

Acq: 9 Dec 2025 19:03

Instrument :

BNA_G

ClientSampleId :

72-11966MS

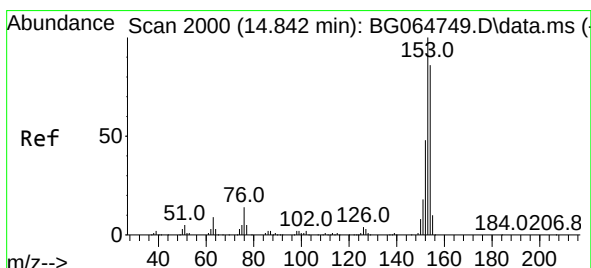
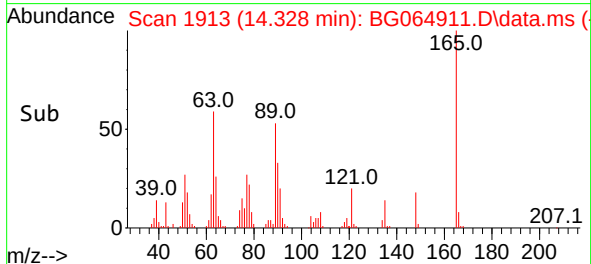
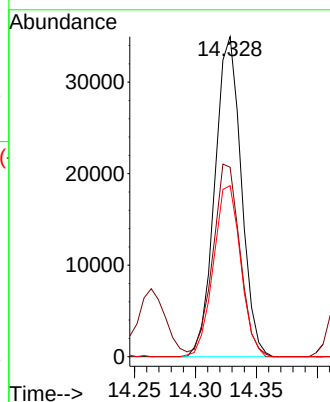
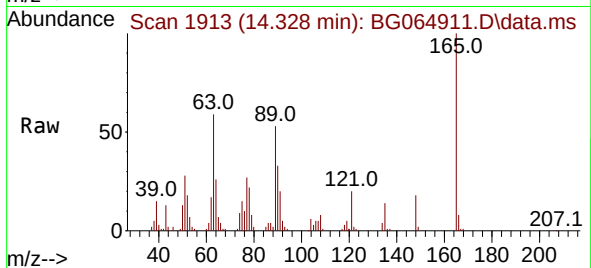
Tgt Ion:165 Resp: 52667

Ion Ratio Lower Upper

165 100

63 59.2 49.8 74.8

89 53.4 45.0 67.4



#52

Acenaphthene

Concen: 57.351 ng

RT: 14.828 min Scan# 1998

Delta R.T. -0.014 min

Lab File: BG064911.D

Acq: 9 Dec 2025 19:03

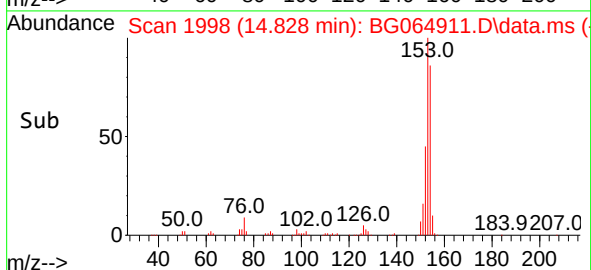
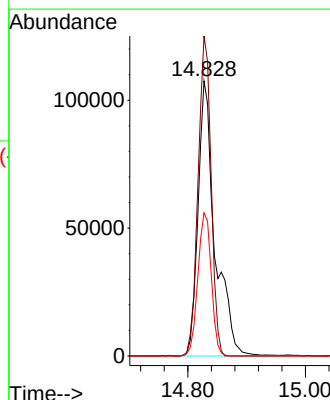
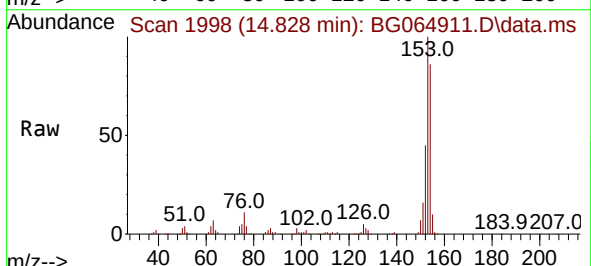
Tgt Ion:154 Resp: 215506

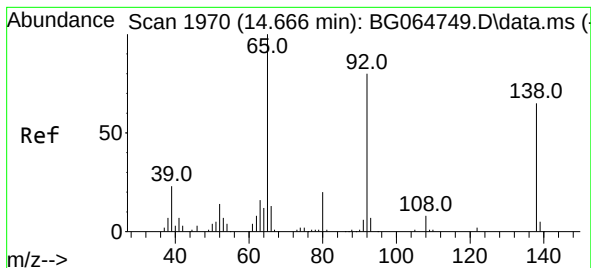
Ion Ratio Lower Upper

154 100

153 116.4 93.0 139.4

152 52.1 44.4 66.6

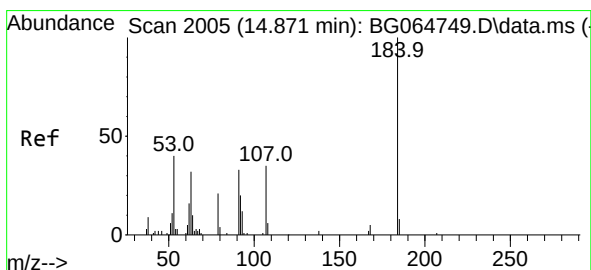
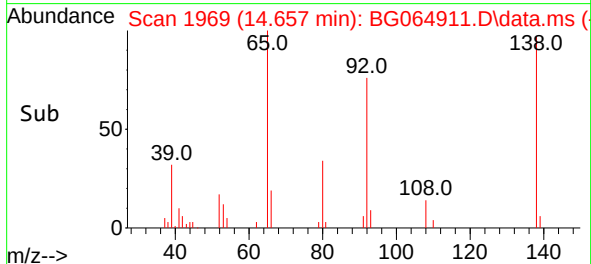
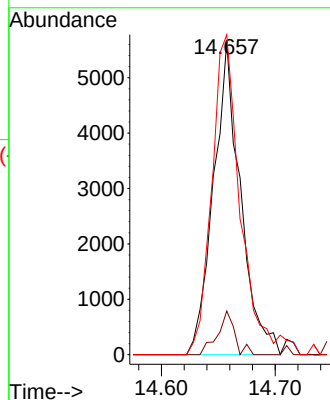
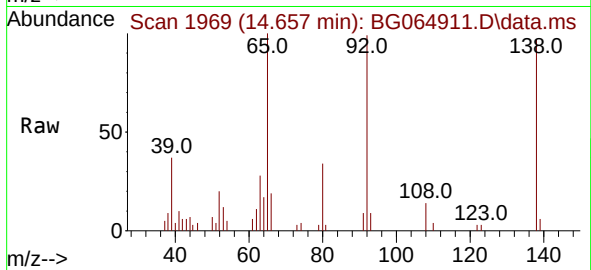




#53
3-Nitroaniline
Concen: 9.615 ng
RT: 14.657 min Scan# 1970
Delta R.T. -0.008 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

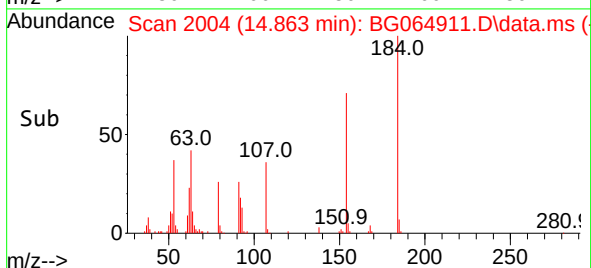
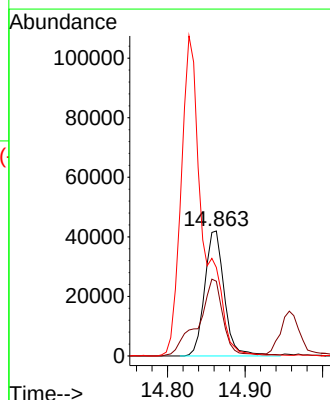
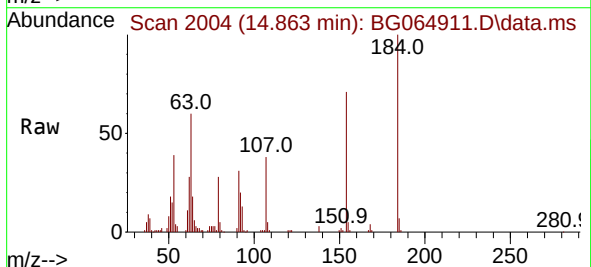
Instrument :
BNA_G
ClientSampleId :
72-11966MS

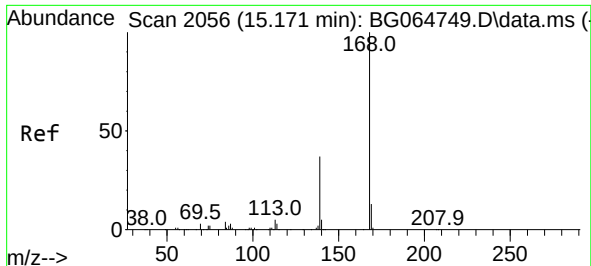
Tgt Ion:138 Resp: 9352
Ion Ratio Lower Upper
138 100
108 13.9 9.5 14.3
92 102.0 99.0 148.4



#54
2,4-Dinitrophenol
Concen: 106.407 ng
RT: 14.863 min Scan# 2004
Delta R.T. -0.008 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

Tgt Ion:184 Resp: 73970
Ion Ratio Lower Upper
184 100
63 59.8 45.8 68.6
154 70.8 52.6 78.8

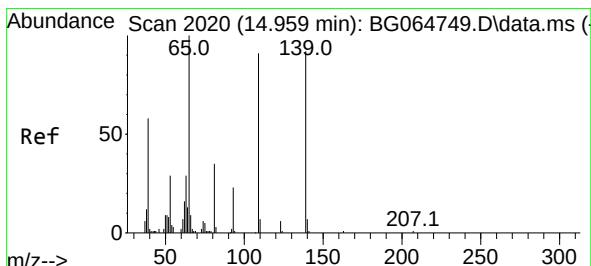
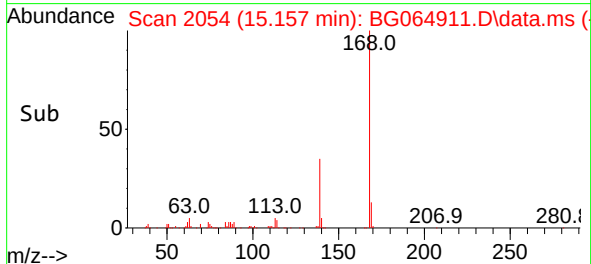
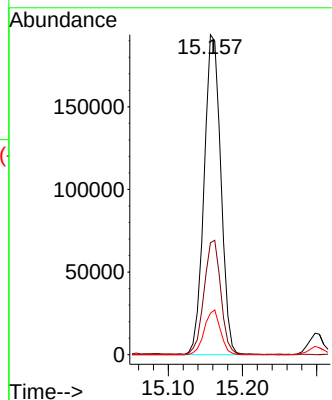
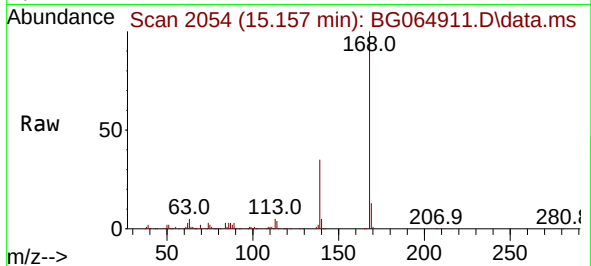




#55
Dibenzofuran
Concen: 48.983 ng
RT: 15.157 min Scan# 2054
Delta R.T. -0.014 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

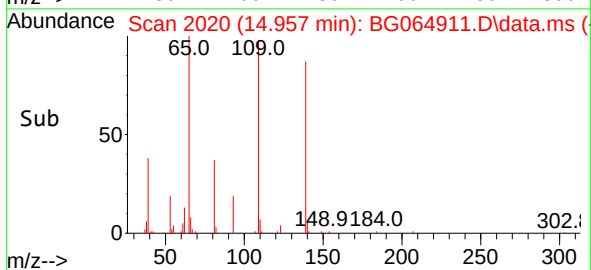
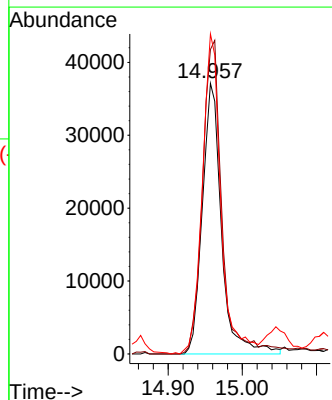
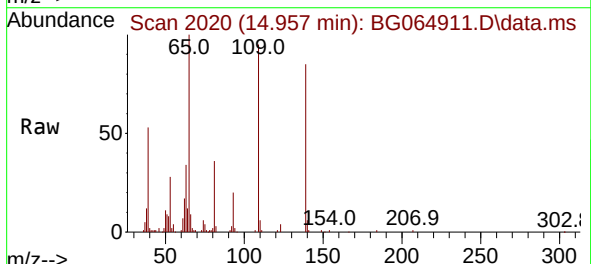
Instrument :
BNA_G
ClientSampleId :
72-11966MS

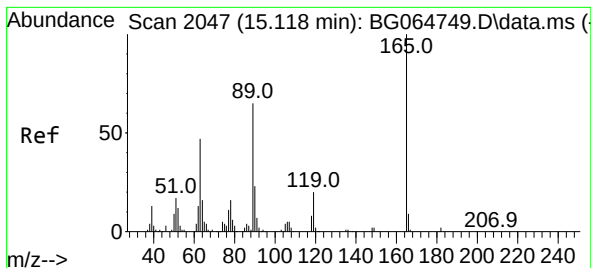
Tgt Ion:168 Resp: 304294
Ion Ratio Lower Upper
168 100
139 35.0 29.5 44.3
169 12.9 10.4 15.6



#56
4-Nitrophenol
Concen: 86.389 ng
RT: 14.957 min Scan# 2020
Delta R.T. -0.002 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

Tgt Ion:139 Resp: 66663
Ion Ratio Lower Upper
139 100
109 112.5 79.7 119.7
65 118.3 89.9 129.9

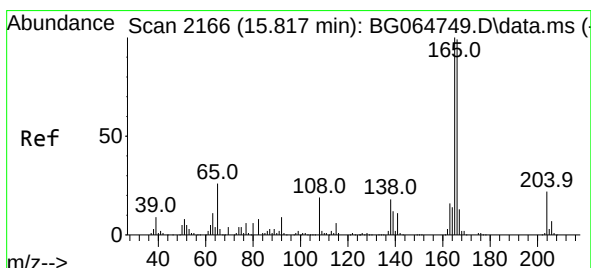
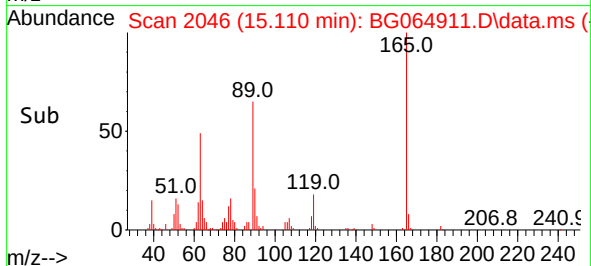
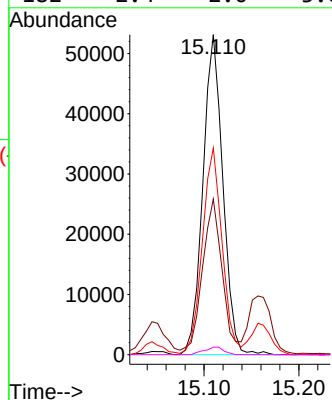
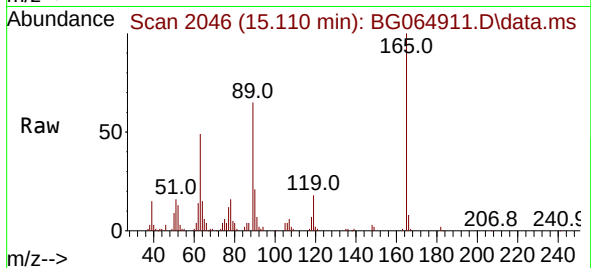




#57
2,4-Dinitrotoluene
Concen: 52.608 ng
RT: 15.110 min Scan# 2046
Delta R.T. -0.008 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

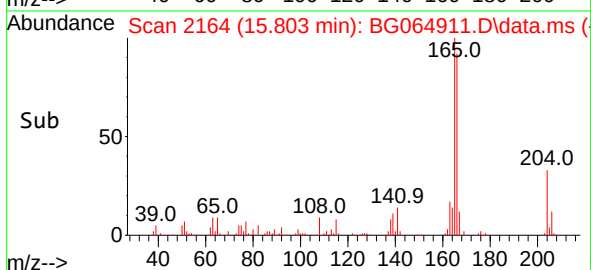
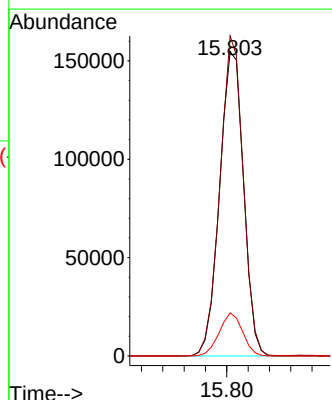
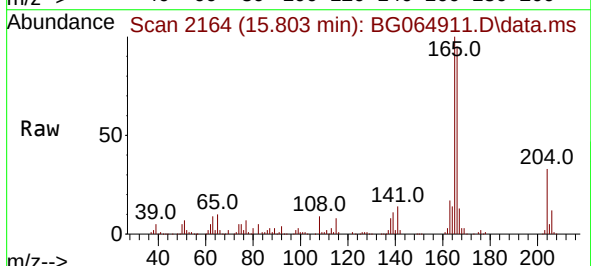
Instrument :
BNA_G
ClientSampleId :
72-11966MS

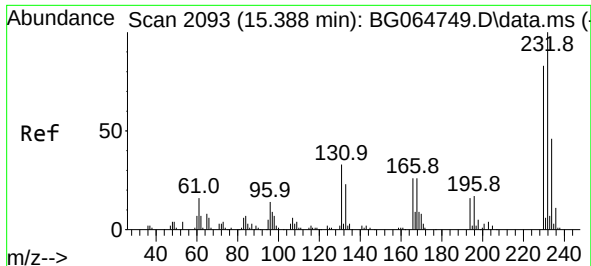
Tgt Ion:165 Resp: 77721
Ion Ratio Lower Upper
165 100
63 48.6 37.8 56.6
89 64.6 51.6 77.4
182 2.4 2.0 3.0



#58
Fluorene
Concen: 49.486 ng
RT: 15.803 min Scan# 2164
Delta R.T. -0.014 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

Tgt Ion:166 Resp: 241110
Ion Ratio Lower Upper
166 100
165 105.1 80.5 120.7
167 14.1 10.3 15.5

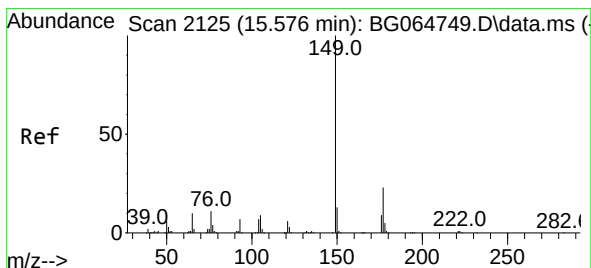
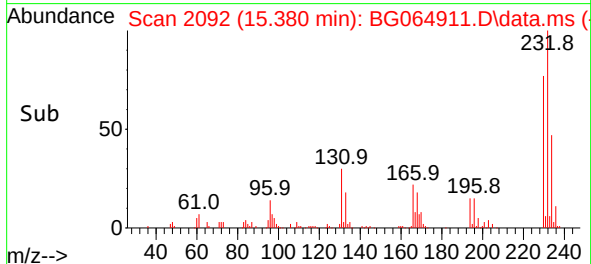
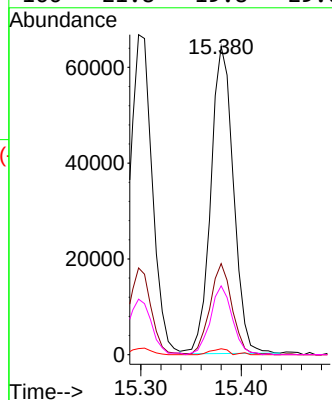
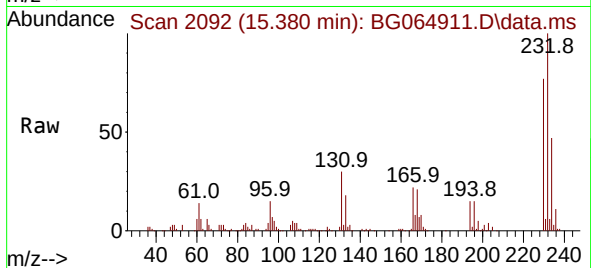




#59
2,3,4,6-Tetrachlorophenol
Concen: 61.321 ng
RT: 15.380 min Scan# 2093
Delta R.T. -0.008 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

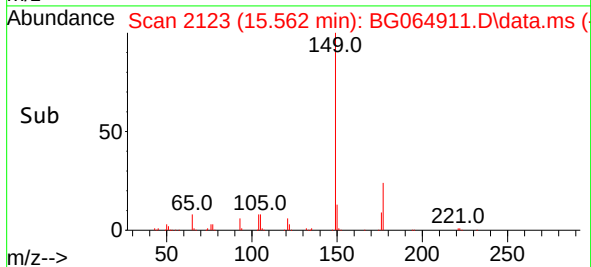
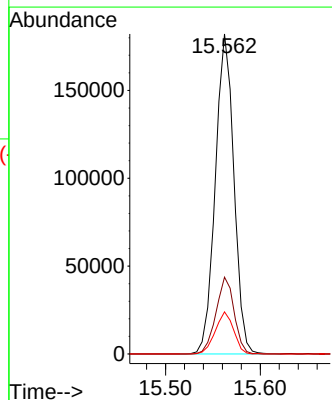
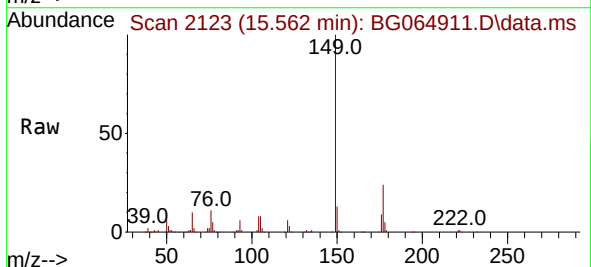
Instrument :
BNA_G
ClientSampleId :
72-11966MS

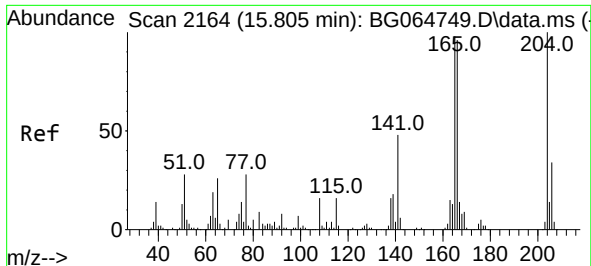
Tgt Ion:232 Resp: 100482
Ion Ratio Lower Upper
232 100
131 29.0 26.0 39.0
130 1.5 1.6 2.4#
166 21.8 19.8 29.6



#60
Diethylphthalate
Concen: 50.542 ng
RT: 15.562 min Scan# 2123
Delta R.T. -0.014 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

Tgt Ion:149 Resp: 247951
Ion Ratio Lower Upper
149 100
177 24.0 18.4 27.6
150 13.2 10.1 15.1

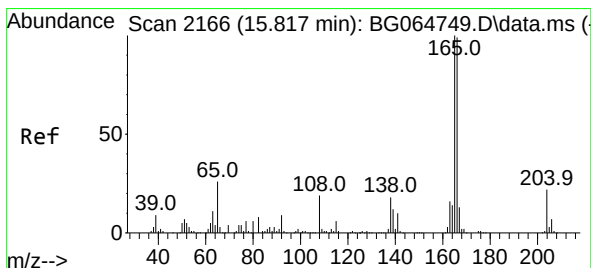
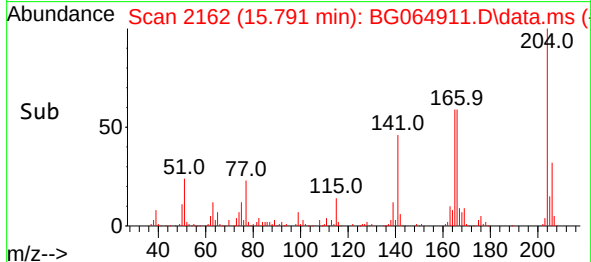
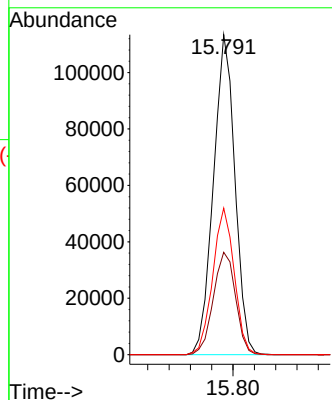
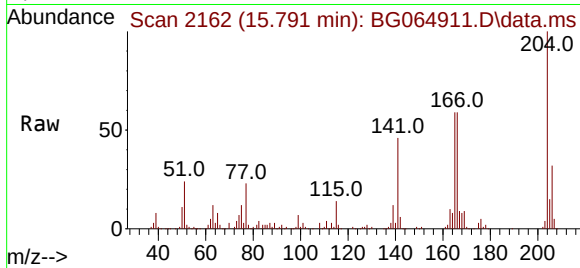




#61
4-Chlorophenyl-phenylether
Concen: 54.244 ng
RT: 15.791 min Scan# 2162
Delta R.T. -0.014 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

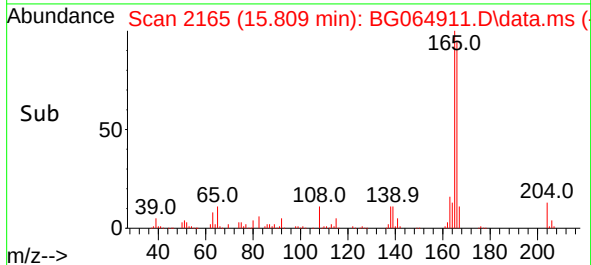
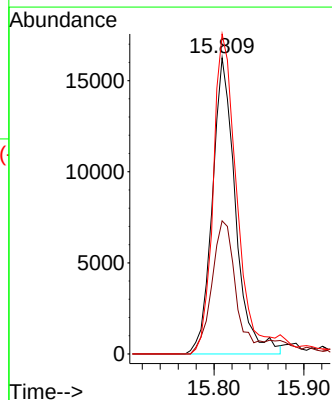
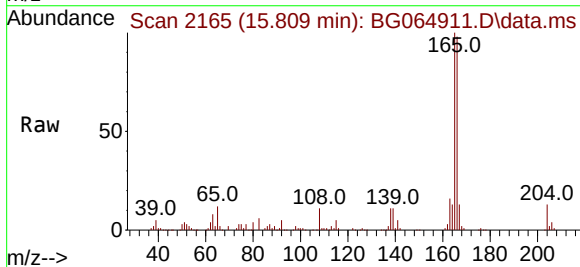
Instrument :
BNA_G
ClientSampleId :
72-11966MS

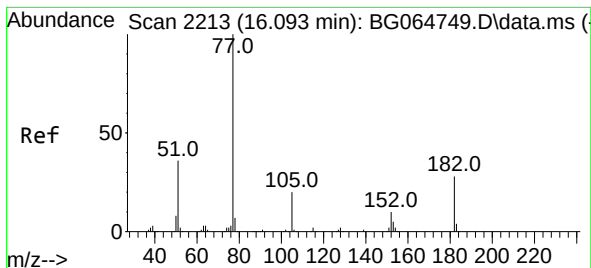
Tgt Ion:204 Resp: 158611
Ion Ratio Lower Upper
204 100
206 32.0 26.9 40.3
141 45.8 38.1 57.1



#62
4-Nitroaniline
Concen: 28.863 ng
RT: 15.809 min Scan# 2165
Delta R.T. -0.008 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

Tgt Ion:138 Resp: 29082
Ion Ratio Lower Upper
138 100
92 45.0 30.7 70.7
108 108.1 85.7 125.7





#63

Azobenzene

Concen: 43.137 ng

RT: 16.085 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG064911.D

Acq: 9 Dec 2025 19:03

Instrument :

BNA_G

ClientSampleId :

72-11966MS

Tgt Ion: 77 Resp: 176021

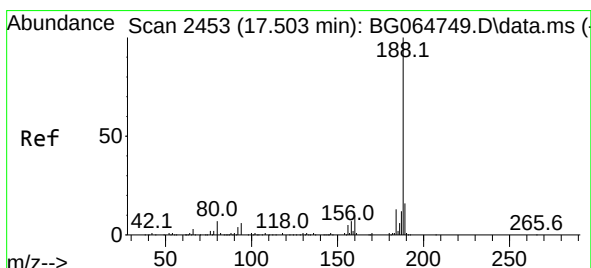
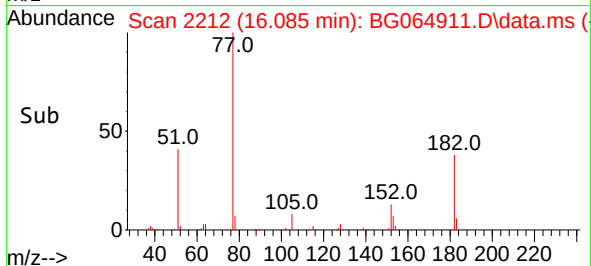
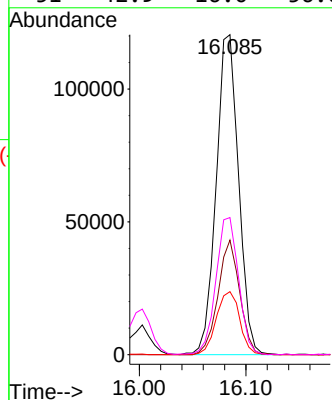
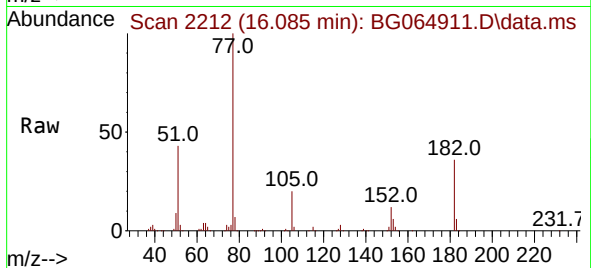
Ion Ratio Lower Upper

77 100

182 35.8 8.1 48.1

105 19.7 0.1 40.1

51 42.9 16.0 56.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.495 min Scan# 2452

Delta R.T. -0.008 min

Lab File: BG064911.D

Acq: 9 Dec 2025 19:03

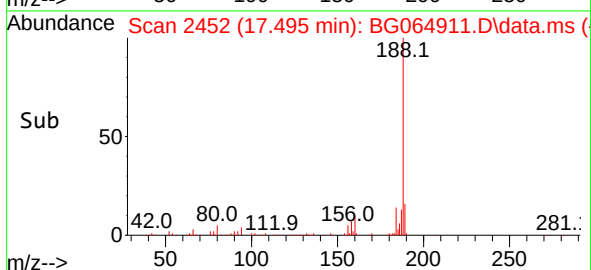
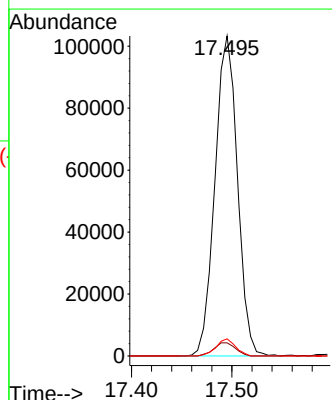
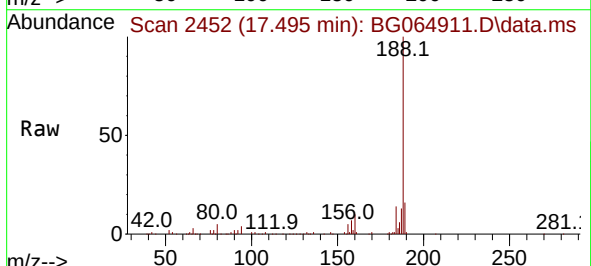
Tgt Ion:188 Resp: 160507

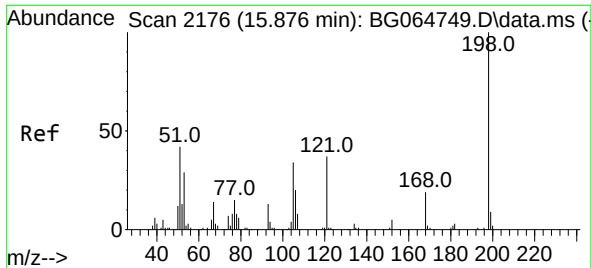
Ion Ratio Lower Upper

188 100

94 4.1 4.7 7.1#

80 5.4 5.4 8.2#

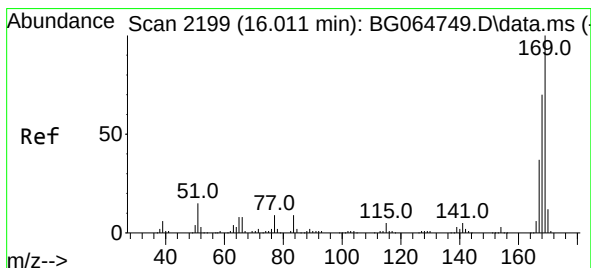
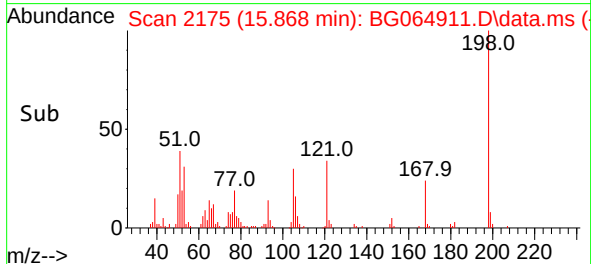
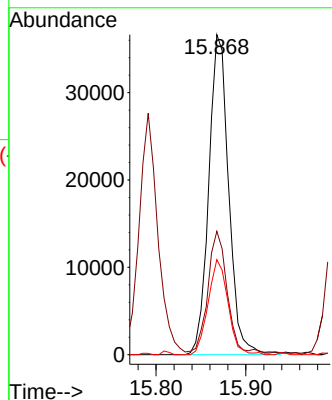
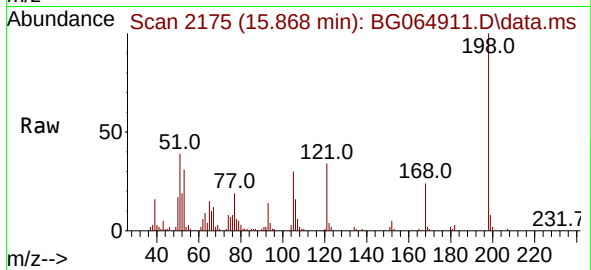




#65
4,6-Dinitro-2-methylphenol
Concen: 63.253 ng
RT: 15.868 min Scan# 2175
Delta R.T. -0.008 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

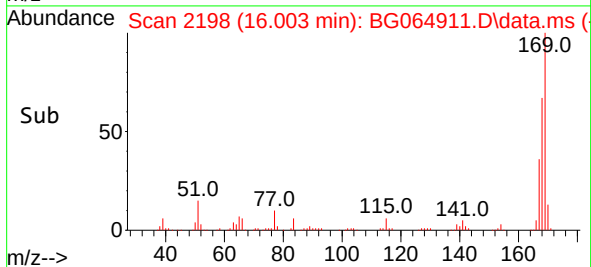
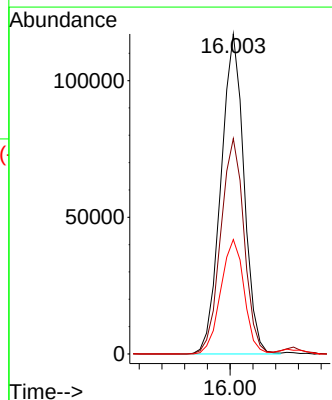
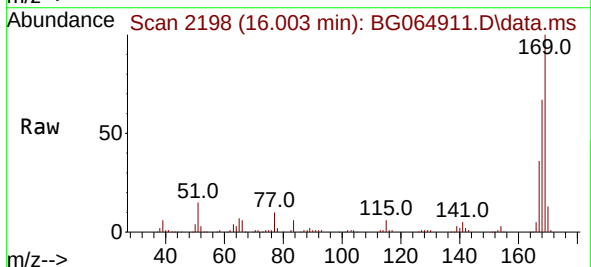
Instrument :
BNA_G
ClientSampleId :
72-11966MS

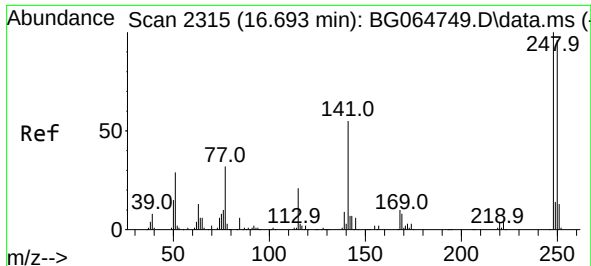
Tgt Ion:198 Resp: 56369
Ion Ratio Lower Upper
198 100
51 38.6 25.2 65.2
105 29.7 14.2 54.2



#66
n-Nitrosodiphenylamine
Concen: 39.167 ng
RT: 16.003 min Scan# 2198
Delta R.T. -0.008 min
Lab File: BG064911.D
Acq: 9 Dec 2025 19:03

Tgt Ion:169 Resp: 164667
Ion Ratio Lower Upper
169 100
168 67.3 55.9 83.9
167 35.8 29.8 44.6

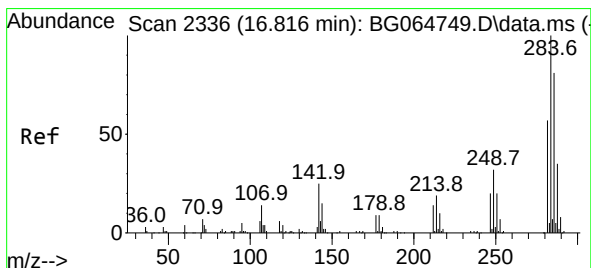
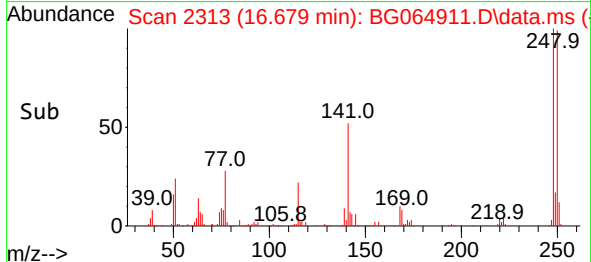
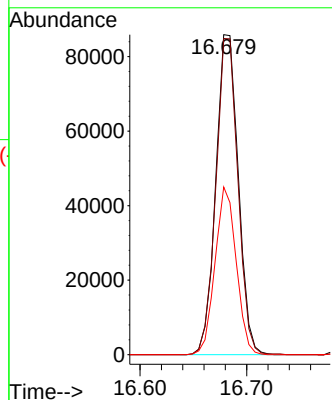
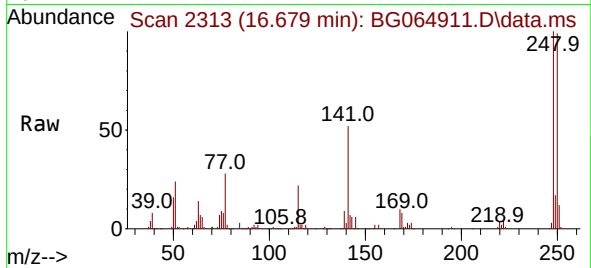




#67
 4-Bromophenyl-phenylether
 Concen: 59.576 ng
 RT: 16.679 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BG064911.D
 Acq: 9 Dec 2025 19:03

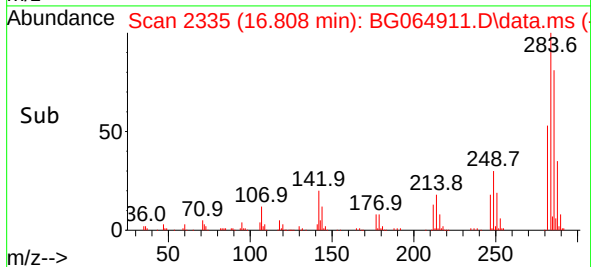
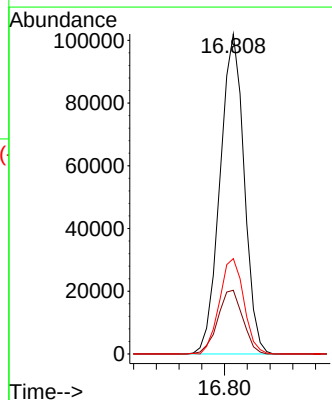
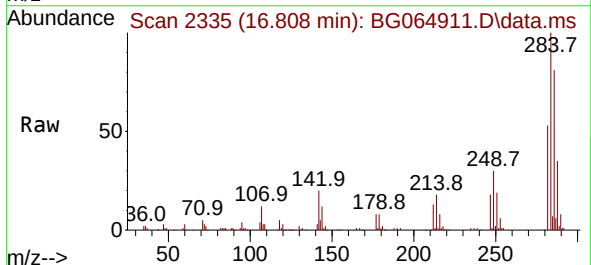
Instrument :
 BNA_G
 ClientSampleId :
 72-11966MS

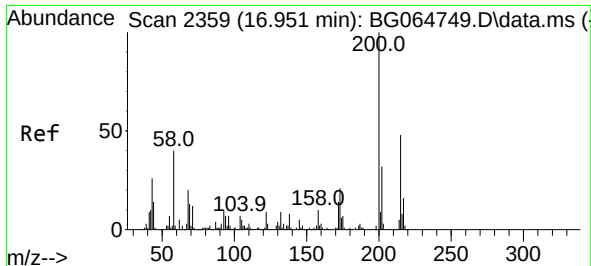
Tgt Ion:248 Resp: 125576
 Ion Ratio Lower Upper
 248 100
 250 98.8 77.0 115.6
 141 52.4 43.7 65.5



#68
 Hexachlorobenzene
 Concen: 58.799 ng
 RT: 16.808 min Scan# 2335
 Delta R.T. -0.008 min
 Lab File: BG064911.D
 Acq: 9 Dec 2025 19:03

Tgt Ion:284 Resp: 150157
 Ion Ratio Lower Upper
 284 100
 142 19.9 19.7 29.5
 249 29.8 28.1 42.1

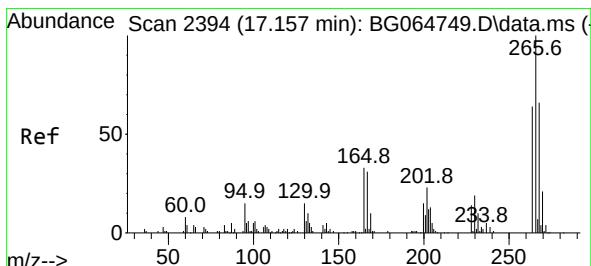
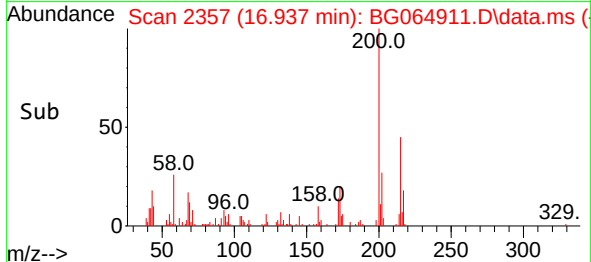
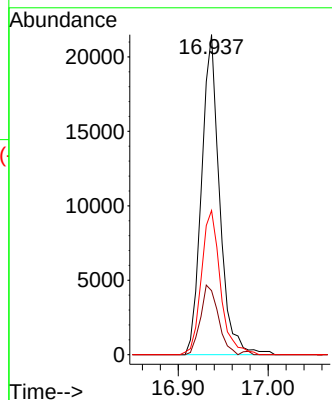
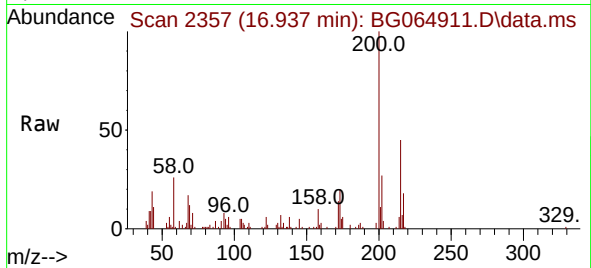




#69
 Atrazine
 Concen: 14.773 ng
 RT: 16.937 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BG064911.D
 Acq: 9 Dec 2025 19:03

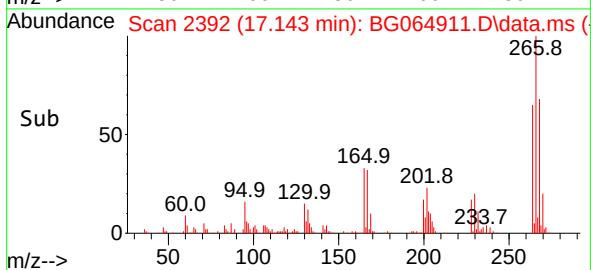
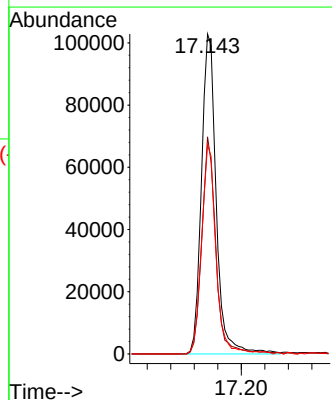
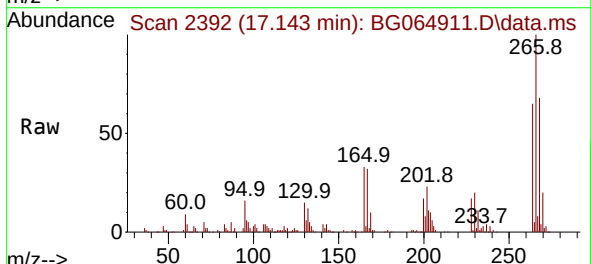
Instrument :
 BNA_G
 ClientSampleId :
 72-11966MS

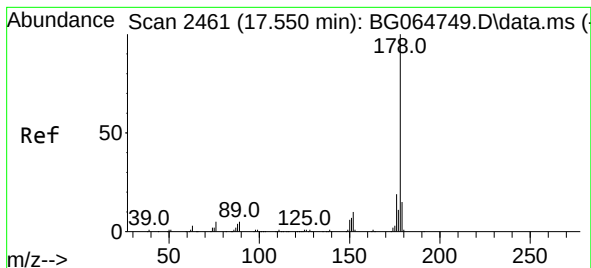
Tgt Ion:200 Resp: 29945
 Ion Ratio Lower Upper
 200 100
 173 20.0 0.9 40.9
 215 45.0 27.5 67.5



#70
 Pentachlorophenol
 Concen: 115.814 ng
 RT: 17.143 min Scan# 2392
 Delta R.T. -0.014 min
 Lab File: BG064911.D
 Acq: 9 Dec 2025 19:03

Tgt Ion:266 Resp: 179522
 Ion Ratio Lower Upper
 266 100
 268 72.2 56.1 84.1
 264 65.4 51.2 76.8





#71

Phenanthrene

Concen: 50.314 ng

RT: 17.536 min Scan# 24

Delta R.T. -0.014 min

Lab File: BG064911.D

Acq: 9 Dec 2025 19:03

Instrument :

BNA_G

ClientSampleId :

72-11966MS

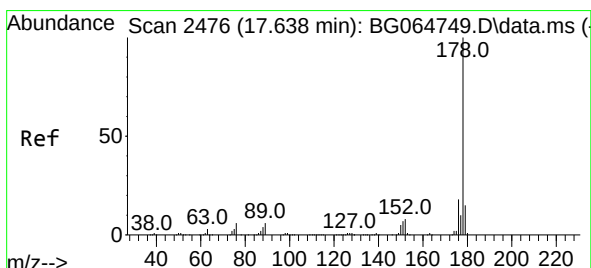
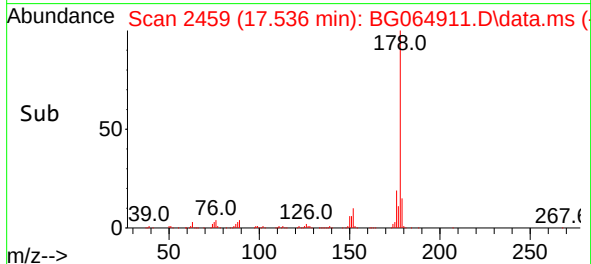
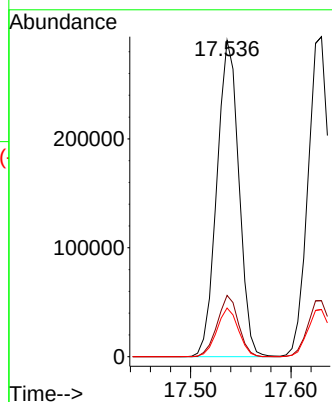
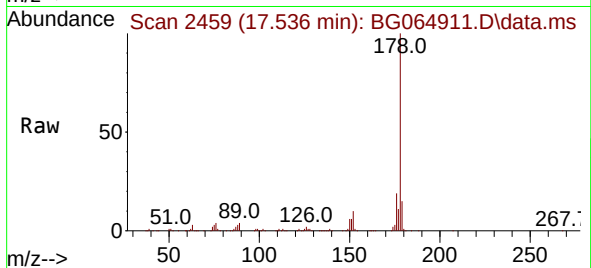
Tgt Ion:178 Resp: 441853

Ion Ratio Lower Upper

178 100

176 19.4 14.8 22.2

179 15.4 12.2 18.4



#72

Anthracene

Concen: 49.667 ng

RT: 17.630 min Scan# 2475

Delta R.T. -0.008 min

Lab File: BG064911.D

Acq: 9 Dec 2025 19:03

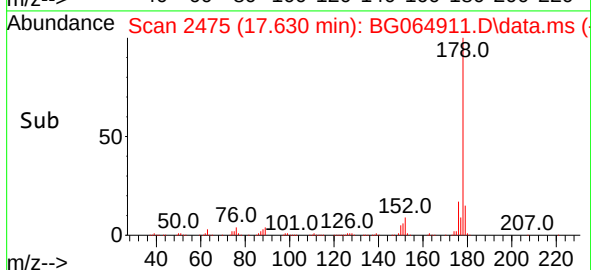
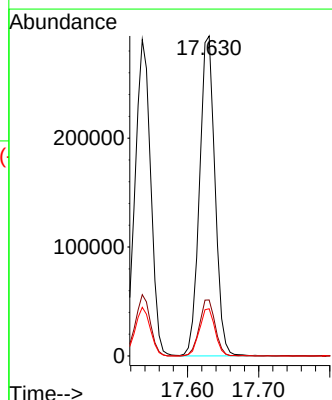
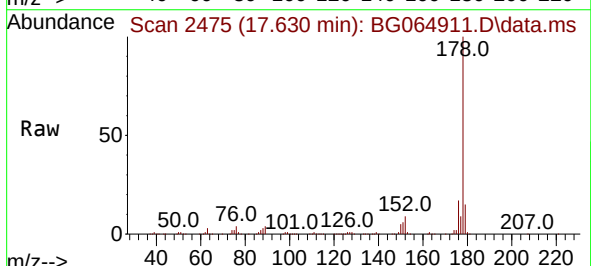
Tgt Ion:178 Resp: 444752

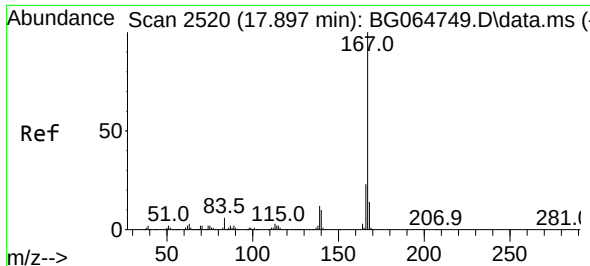
Ion Ratio Lower Upper

178 100

176 17.5 14.5 21.7

179 14.8 12.2 18.4

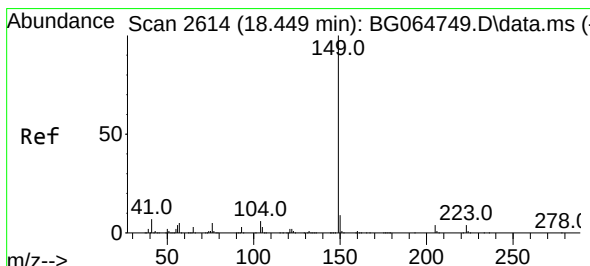
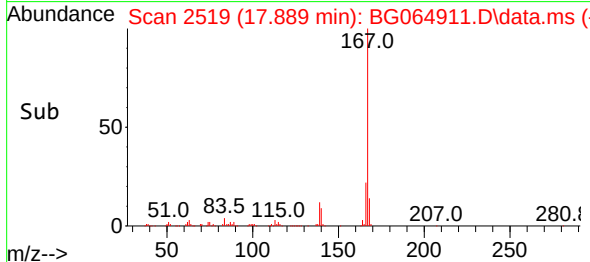
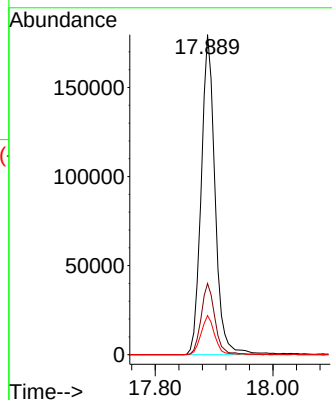
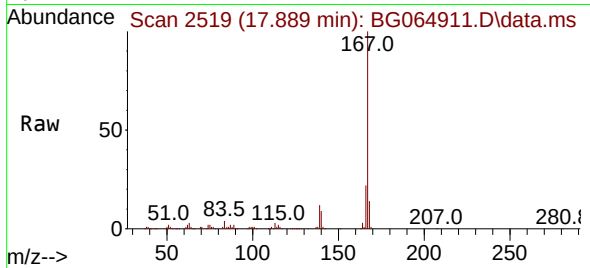




#73
 Carbazole
 Concen: 38.200 ng
 RT: 17.889 min Scan# 2519
 Delta R.T. -0.008 min
 Lab File: BG064911.D
 Acq: 9 Dec 2025 19:03

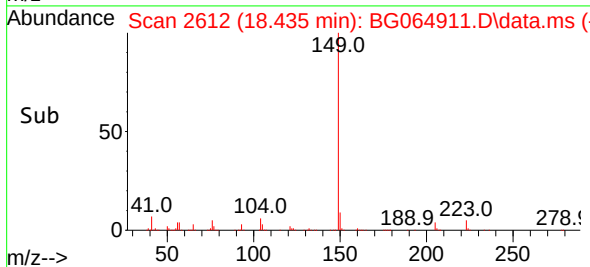
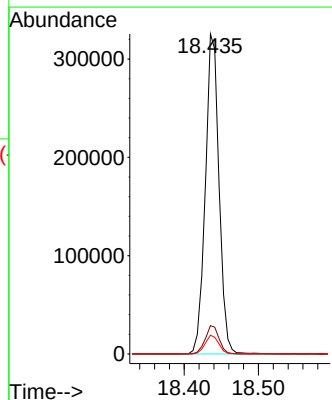
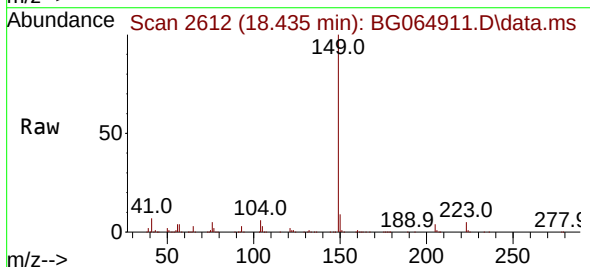
Instrument :
 BNA_G
 ClientSampleId :
 72-11966MS

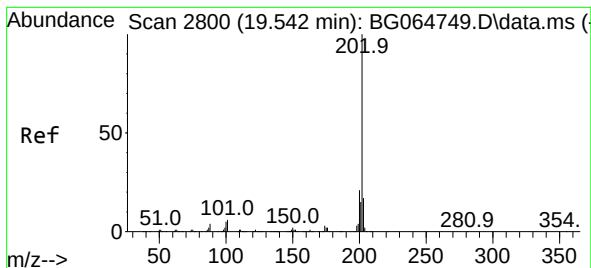
Tgt Ion:167 Resp: 294066
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.0 27.0
 139 12.2 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 48.737 ng
 RT: 18.435 min Scan# 2612
 Delta R.T. -0.014 min
 Lab File: BG064911.D
 Acq: 9 Dec 2025 19:03

Tgt Ion:149 Resp: 418571
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.5 11.3
 104 5.8 4.4 6.6





#75

Fluoranthene

Concen: 48.410 ng

RT: 19.534 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG064911.D

Acq: 9 Dec 2025 19:03

Instrument :

BNA_G

ClientSampleId :

72-11966MS

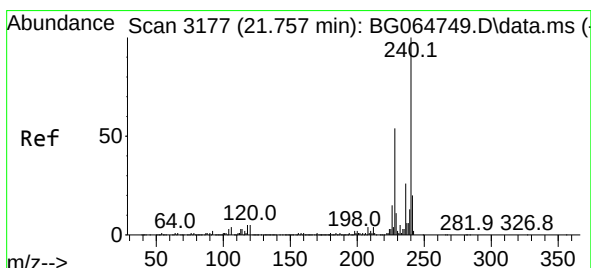
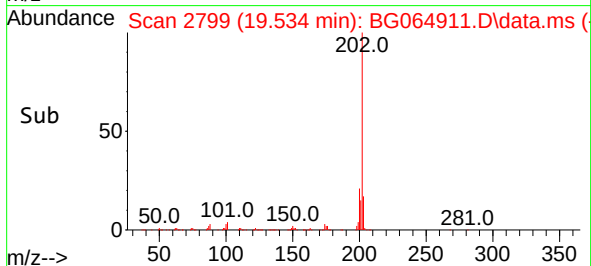
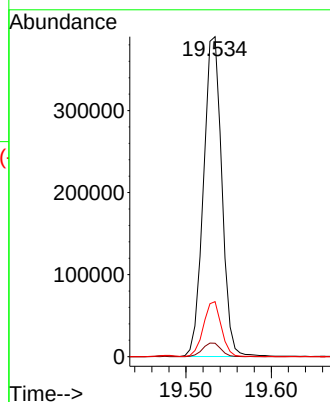
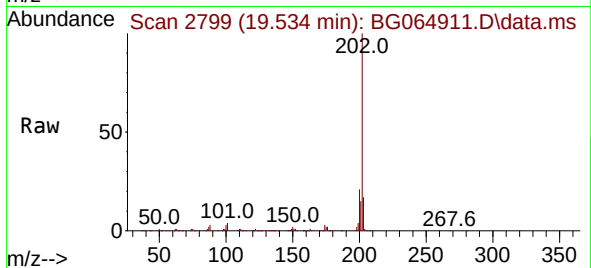
Tgt Ion:202 Resp: 581345

Ion Ratio Lower Upper

202 100

101 4.2 0.0 26.4

203 17.2 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.743 min Scan# 3175

Delta R.T. -0.014 min

Lab File: BG064911.D

Acq: 9 Dec 2025 19:03

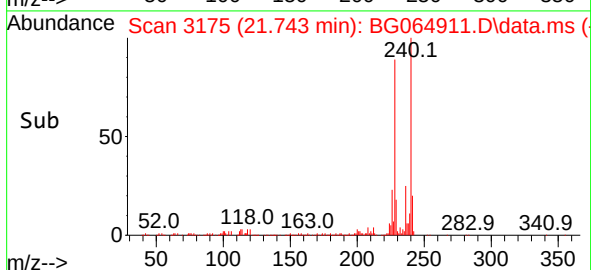
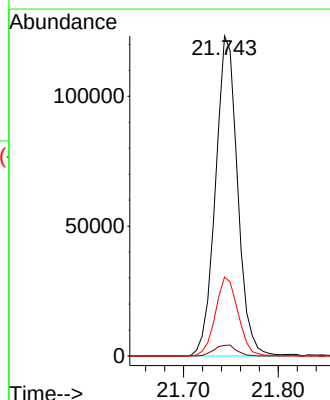
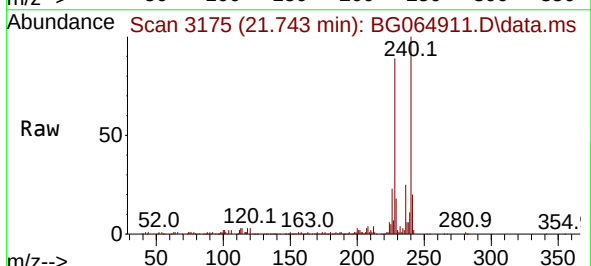
Tgt Ion:240 Resp: 199773

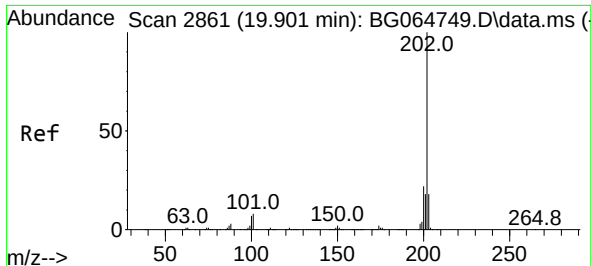
Ion Ratio Lower Upper

240 100

120 3.3 4.2 6.4#

236 24.7 20.8 31.2

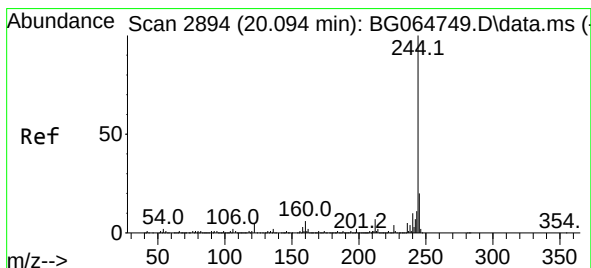
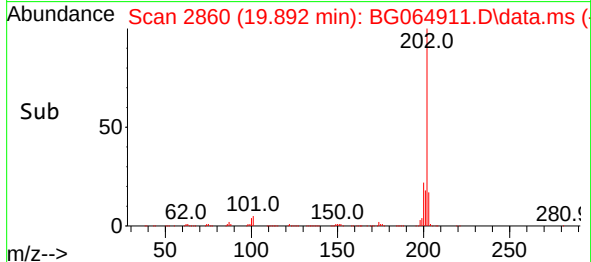
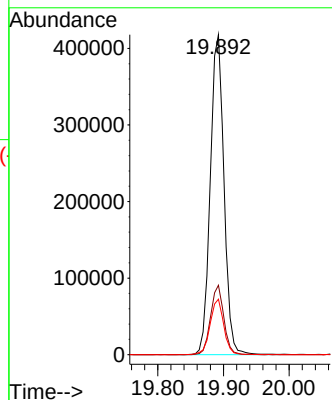
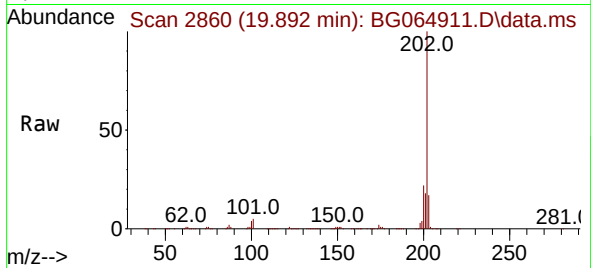




#78
 Pyrene
 Concen: 54.182 ng
 RT: 19.892 min Scan# 2860
 Delta R.T. -0.008 min
 Lab File: BG064911.D
 Acq: 9 Dec 2025 19:03

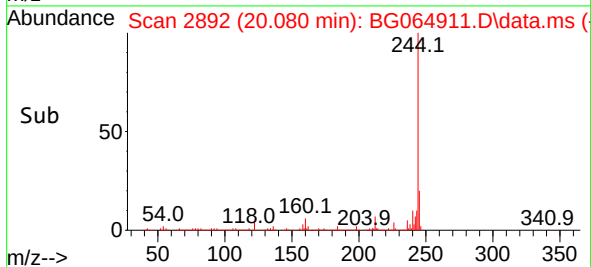
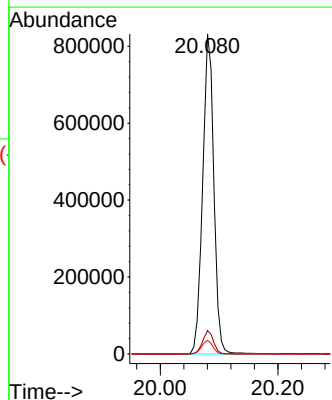
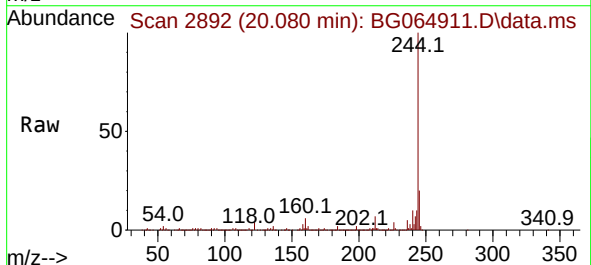
Instrument :
 BNA_G
 ClientSampleId :
 72-11966MS

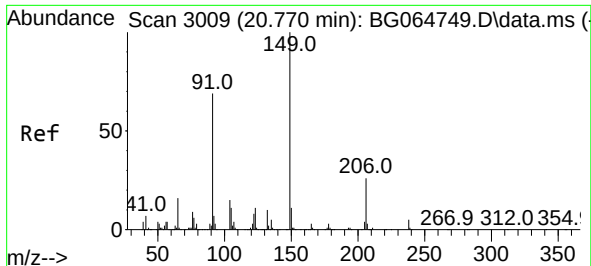
Tgt Ion:202 Resp: 606642
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.9 26.9
 203 17.4 14.0 21.0



#79
 Terphenyl-d14
 Concen: 107.962 ng
 RT: 20.080 min Scan# 2892
 Delta R.T. -0.014 min
 Lab File: BG064911.D
 Acq: 9 Dec 2025 19:03

Tgt Ion:244 Resp: 1096431
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 4.3 4.3 6.5#

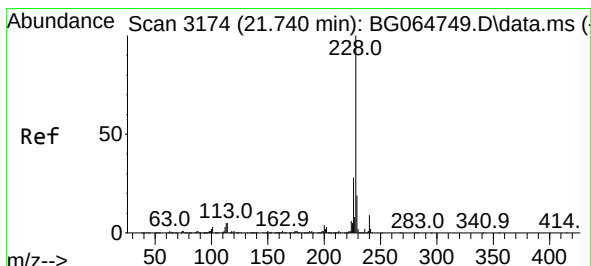
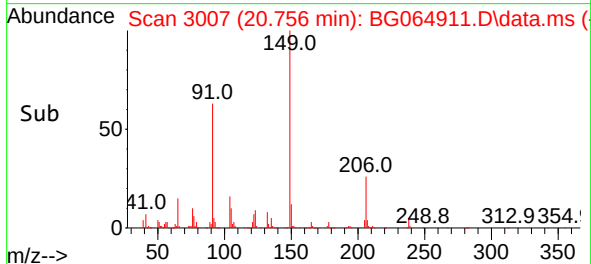
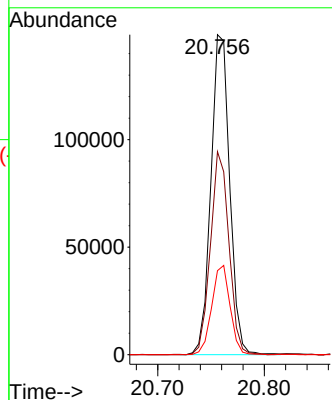
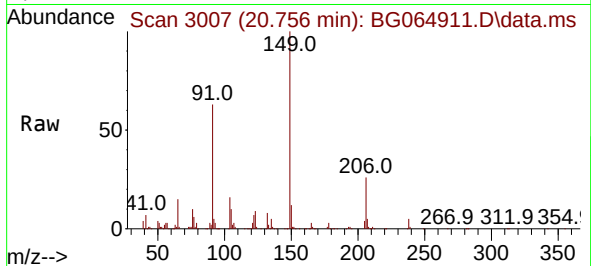




#80
 Butylbenzylphthalate
 Concen: 46.208 ng
 RT: 20.756 min Scan# 30
 Delta R.T. -0.014 min
 Lab File: BG064911.D
 Acq: 9 Dec 2025 19:03

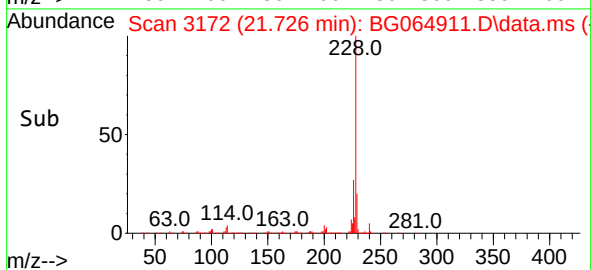
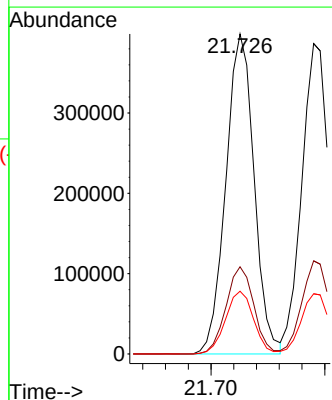
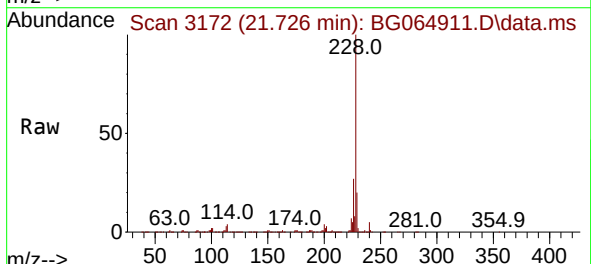
Instrument :
 BNA_G
 ClientSampleId :
 72-11966MS

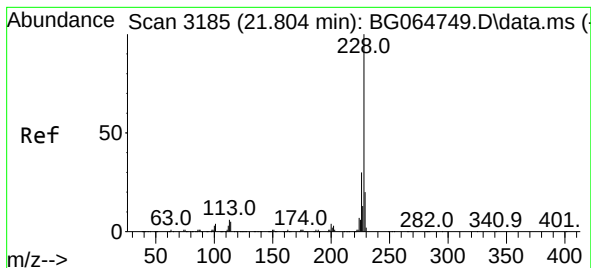
Tgt Ion:149 Resp: 181978
 Ion Ratio Lower Upper
 149 100
 91 63.4 54.9 82.3
 206 26.2 21.2 31.8



#81
 Benzo(a)anthracene
 Concen: 50.611 ng
 RT: 21.726 min Scan# 3172
 Delta R.T. -0.014 min
 Lab File: BG064911.D
 Acq: 9 Dec 2025 19:03

Tgt Ion:228 Resp: 687494
 Ion Ratio Lower Upper
 228 100
 226 27.3 22.1 33.1
 229 19.6 15.5 23.3





#83

Chrysene

Concen: 50.889 ng

RT: 21.790 min Scan# 31

Delta R.T. -0.014 min

Lab File: BG064911.D

Acq: 9 Dec 2025 19:03

Instrument :

BNA_G

ClientSampleId :

72-11966MS

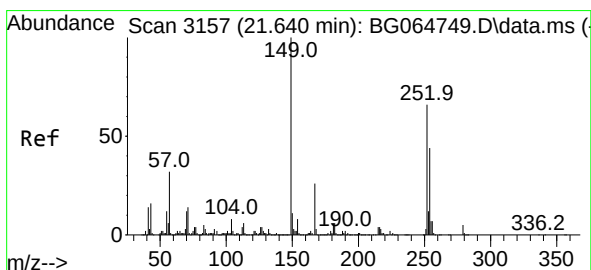
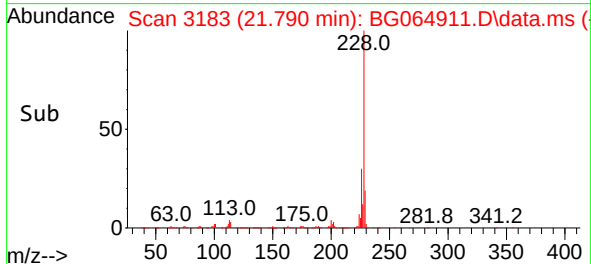
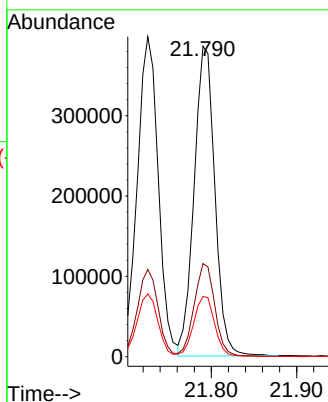
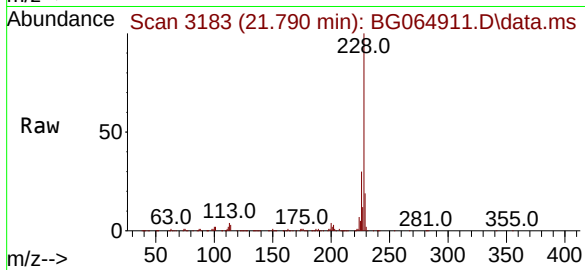
Tgt Ion:228 Resp: 651706

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

229 19.4 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.448 ng

RT: 21.620 min Scan# 3154

Delta R.T. -0.020 min

Lab File: BG064911.D

Acq: 9 Dec 2025 19:03

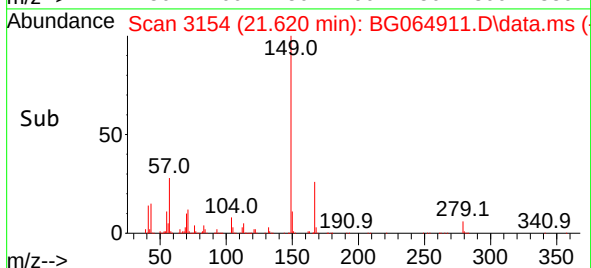
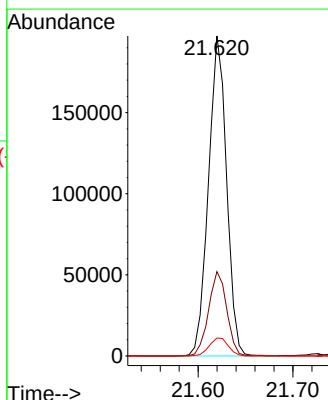
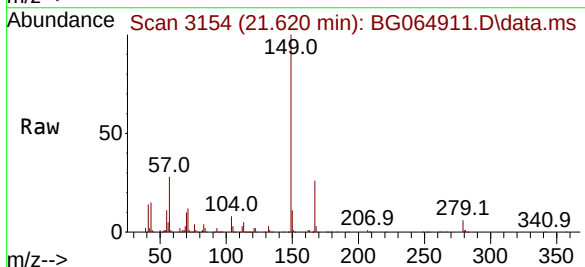
Tgt Ion:149 Resp: 261540

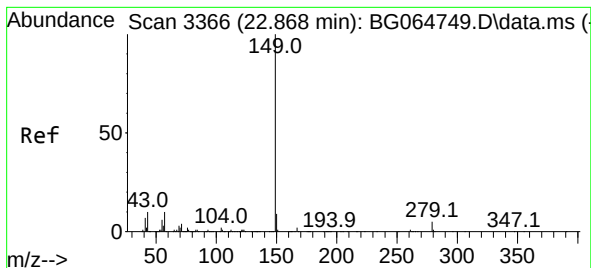
Ion Ratio Lower Upper

149 100

167 26.4 21.0 31.4

279 5.6 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 44.567 ng

RT: 22.842 min Scan# 31

Delta R.T. -0.026 min

Lab File: BG064911.D

Acq: 9 Dec 2025 19:03

Instrument :

BNA_G

ClientSampleId :

72-11966MS

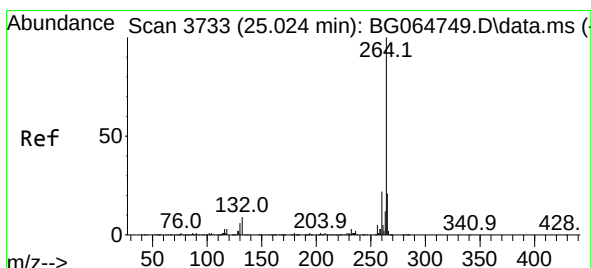
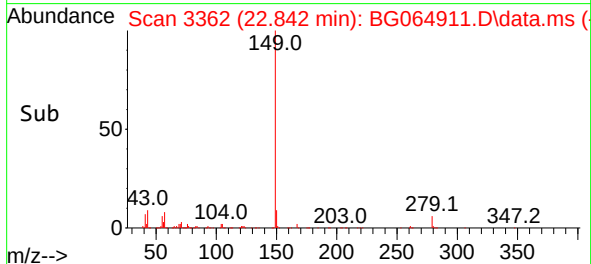
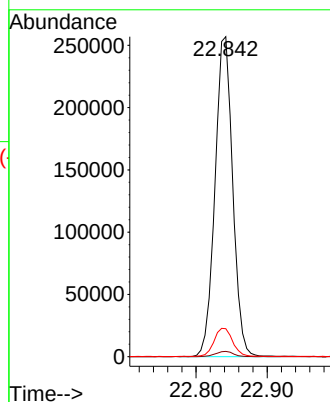
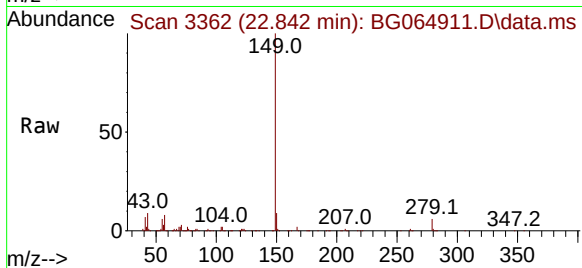
Tgt Ion:149 Resp: 443335

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 9.3 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.992 min Scan# 3728

Delta R.T. -0.032 min

Lab File: BG064911.D

Acq: 9 Dec 2025 19:03

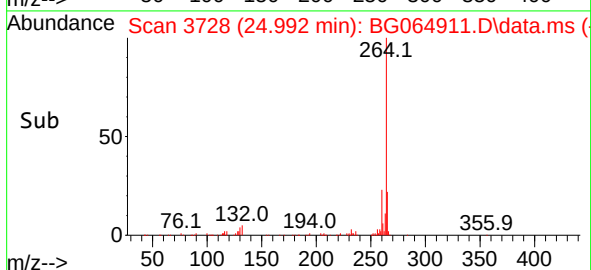
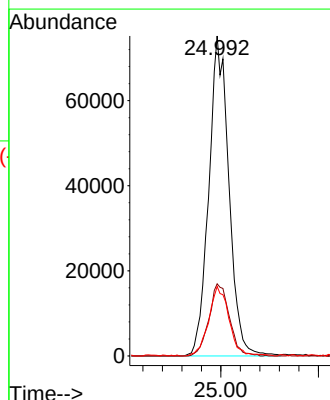
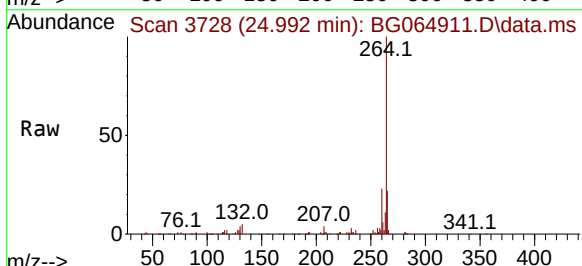
Tgt Ion:264 Resp: 214988

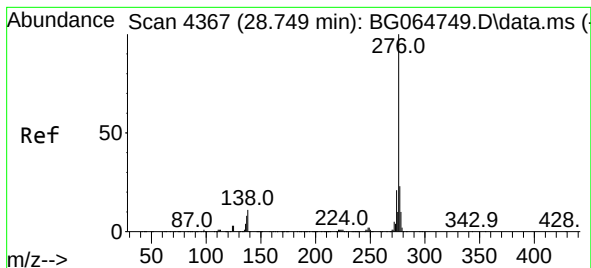
Ion Ratio Lower Upper

264 100

260 22.5 17.2 25.8

265 21.7 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.078 ng

RT: 28.723 min Scan# 41

Delta R.T. -0.026 min

Lab File: BG064911.D

Acq: 9 Dec 2025 19:03

Instrument :

BNA_G

ClientSampleId :

72-11966MS

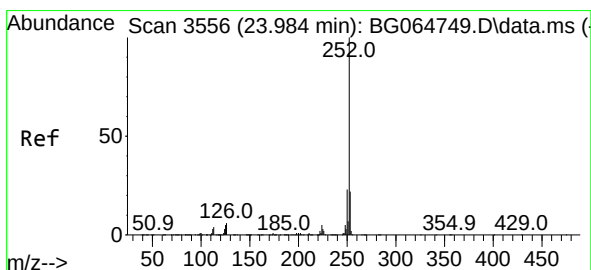
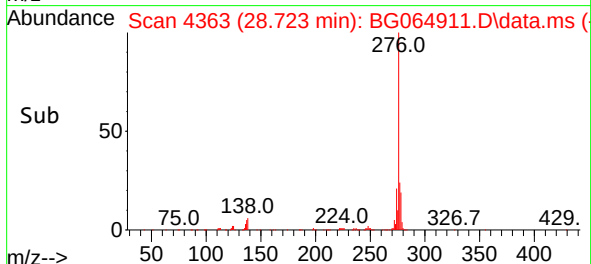
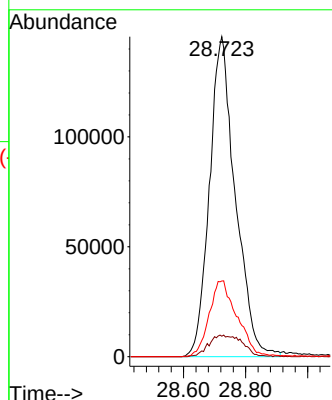
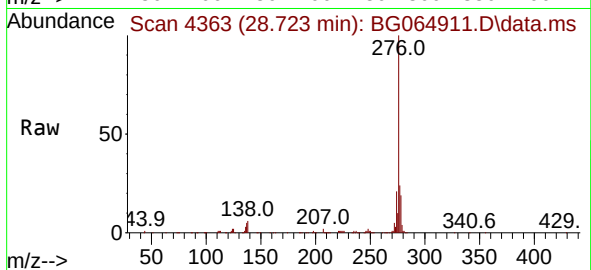
Tgt Ion:276 Resp: 843061

Ion Ratio Lower Upper

276 100

138 8.8 4.5 6.7#

277 25.5 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 53.345 ng

RT: 23.964 min Scan# 3553

Delta R.T. -0.020 min

Lab File: BG064911.D

Acq: 9 Dec 2025 19:03

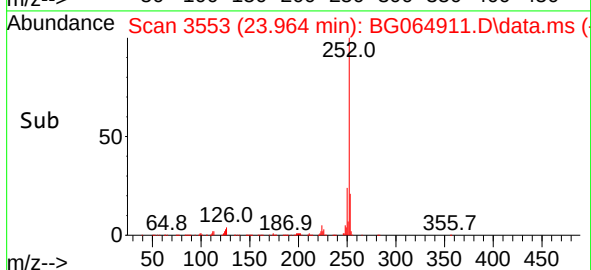
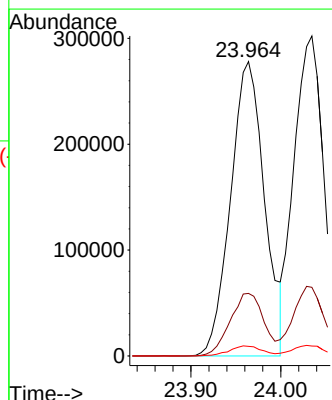
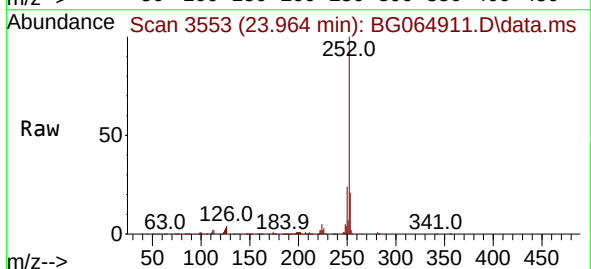
Tgt Ion:252 Resp: 729842

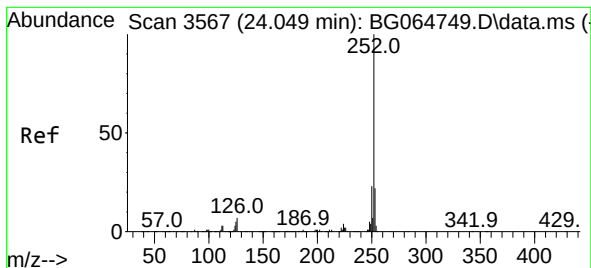
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.2

125 3.3 4.2 6.2#





#89

Benzo(k)fluoranthene

Concen: 52.195 ng

RT: 24.035 min Scan# 31

Delta R.T. -0.014 min

Lab File: BG064911.D

Acq: 9 Dec 2025 19:03

Instrument :

BNA_G

ClientSampleId :

72-11966MS

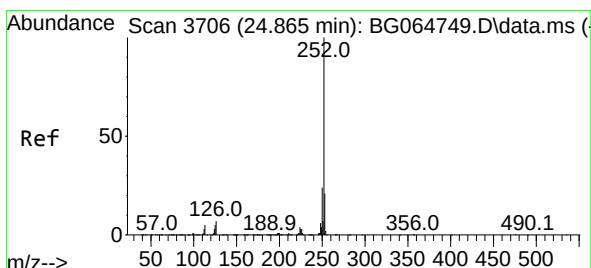
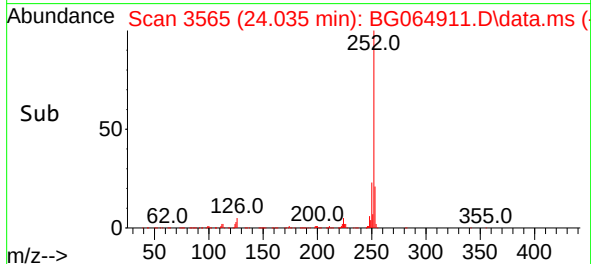
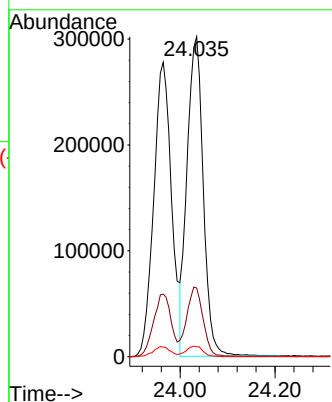
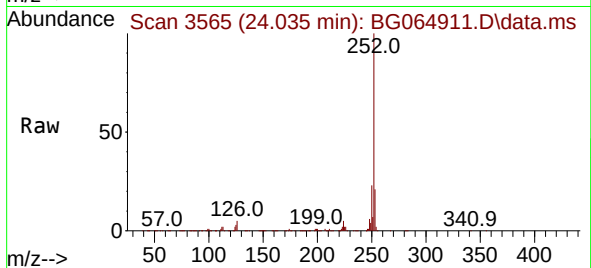
Tgt Ion:252 Resp: 717427

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.8

125 3.1 4.1 6.1#



#90

Benzo(a)pyrene

Concen: 51.927 ng

RT: 24.845 min Scan# 3703

Delta R.T. -0.020 min

Lab File: BG064911.D

Acq: 9 Dec 2025 19:03

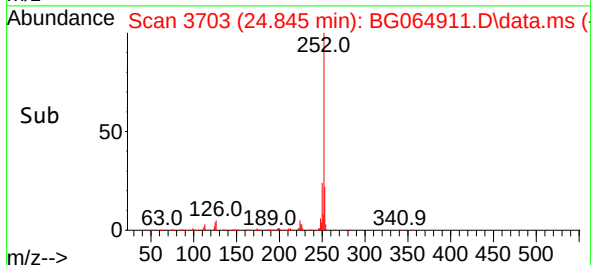
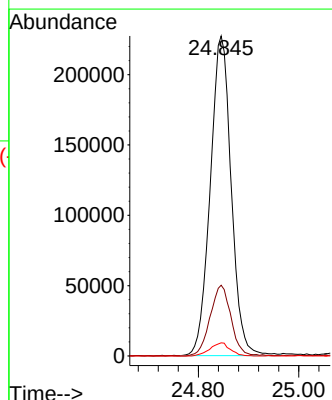
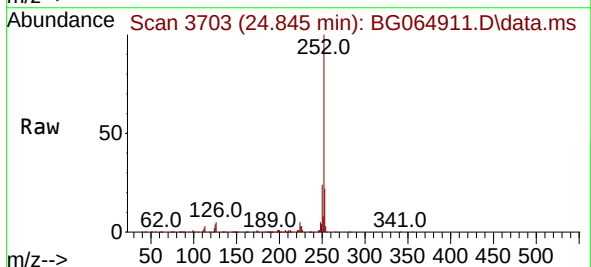
Tgt Ion:252 Resp: 659020

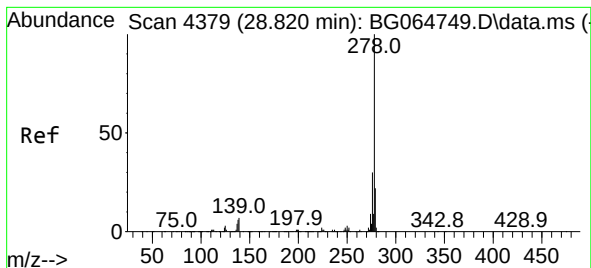
Ion Ratio Lower Upper

252 100

253 22.1 16.9 25.3

125 4.1 4.2 6.4#





#91

Dibenzo(a,h)anthracene

Concen: 59.294 ng

RT: 28.782 min Scan# 41

Delta R.T. -0.038 min

Lab File: BG064911.D

Acq: 9 Dec 2025 19:03

Instrument :

BNA_G

ClientSampleId :

72-11966MS

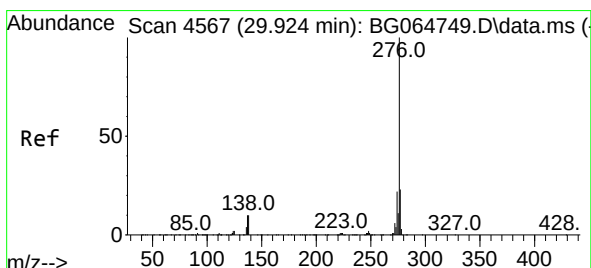
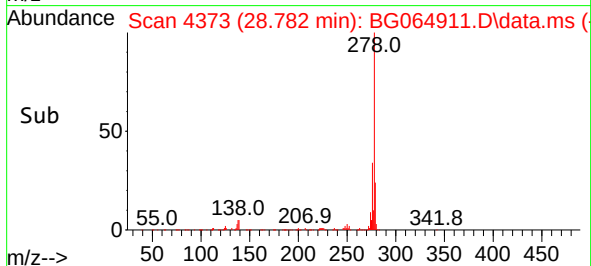
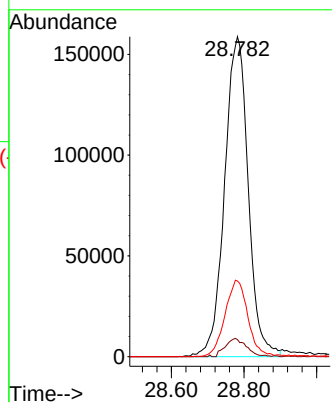
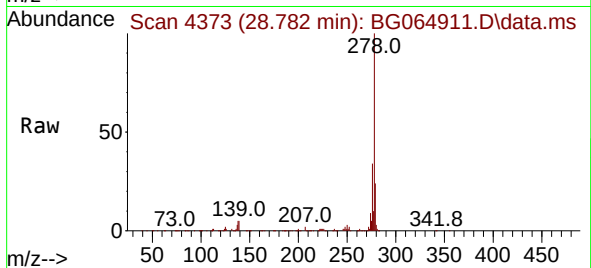
Tgt Ion:278 Resp: 717472

Ion Ratio Lower Upper

278 100

139 5.4 5.8 8.8#

279 23.6 17.3 25.9



#92

Benzo(g,h,i)perylene

Concen: 57.971 ng

RT: 29.875 min Scan# 4559

Delta R.T. -0.049 min

Lab File: BG064911.D

Acq: 9 Dec 2025 19:03

Tgt Ion:276 Resp: 675086

Ion Ratio Lower Upper

276 100

277 24.2 18.0 27.0

138 8.1 8.2 12.2#

