

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120925\
 Data File : BG064912.D
 Acq On : 9 Dec 2025 19:44
 Operator : RC/JU
 Sample : Q3795-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11966MSD

Quant Time: Dec 10 00:15:49 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	19263	20.000	ng	-0.01
21) Naphthalene-d8	10.967	136	75596	20.000	ng	#-0.02
39) Acenaphthene-d10	14.763	164	70408	20.000	ng	-0.01
64) Phenanthrene-d10	17.495	188	177964	20.000	ng	# 0.00
76) Chrysene-d12	21.749	240	219345	20.000	ng	# 0.00
86) Perylene-d12	24.998	264	247669	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	150003	135.980	ng	0.00
7) Phenol-d6	7.301	99	198952	135.599	ng	0.00
23) Nitrobenzene-d5	9.316	82	131582	86.060	ng	-0.01
42) 2,4,6-Tribromophenol	16.243	330	239490	174.406	ng	0.00
45) 2-Fluorobiphenyl	13.394	172	455219	90.215	ng	-0.01
79) Terphenyl-d14	20.080	244	1166213	104.586	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.511	88	12865	30.125	ng	95
3) Pyridine	3.917	79	38395	30.174	ng	96
4) n-Nitrosodimethylamine	3.829	42	27757	42.859	ng	# 89
6) Aniline	7.465	93	41655	21.300	ng	98
8) 2-Chlorophenol	7.712	128	60022	49.553	ng	99
9) Benzaldehyde	7.277	77	39287	40.905	ng	97
10) Phenol	7.330	94	73331	45.936	ng	91
11) bis(2-Chloroethyl)ether	7.559	93	44637	39.294	ng	96
12) 1,3-Dichlorobenzene	8.041	146	64969	46.613	ng	98
13) 1,4-Dichlorobenzene	8.188	146	64889	45.721	ng	95
14) 1,2-Dichlorobenzene	8.511	146	65984	47.950	ng	96
15) Benzyl Alcohol	8.382	79	56676	47.061	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.670	45	90116	33.515	ng	96
17) 2-Methylphenol	8.594	107	53443	47.314	ng	93
18) Hexachloroethane	9.246	117	23466	43.655	ng	# 84
19) n-Nitroso-di-n-propyla...	8.958	70	41529	41.862	ng	98
20) 3+4-Methylphenols	8.917	107	73188	47.297	ng	92
22) Acetophenone	8.975	105	90887	44.129	ng	# 98
24) Nitrobenzene	9.357	77	67847	43.917	ng	98
25) Isophorone	9.880	82	118131	40.572	ng	# 98
26) 2-Nitrophenol	10.068	139	36159	52.037	ng	95
27) 2,4-Dimethylphenol	10.127	122	60331	48.871	ng	97
28) bis(2-Chloroethoxy)met...	10.362	93	66028	41.307	ng	96
29) 2,4-Dichlorophenol	10.609	162	72502	54.703	ng	94
30) 1,2,4-Trichlorobenzene	10.832	180	88368	55.215	ng	98
31) Naphthalene	11.020	128	195760	45.681	ng	99
32) Benzoic acid	10.256	122	32618	38.732	ng	# 74
33) 4-Chloroaniline	11.120	127	11597	6.765	ng	95
34) Hexachlorobutadiene	11.308	225	78114	56.886	ng	95
35) Caprolactam	11.878	113	11036	27.839	ng	# 82
36) 4-Chloro-3-methylphenol	12.230	107	73949	50.128	ng	97
37) 2-Methylnaphthalene	12.612	142	142860	44.548	ng	97
38) 1-Methylnaphthalene	12.830	142	150572	47.267	ng	99
40) 1,2,4,5-Tetrachloroben...	12.977	216	137506	50.183	ng	99
41) Hexachlorocyclopentadiene	12.959	237	206676	105.231	ng	96
43) 2,4,6-Trichlorophenol	13.206	196	82584	51.352	ng	99

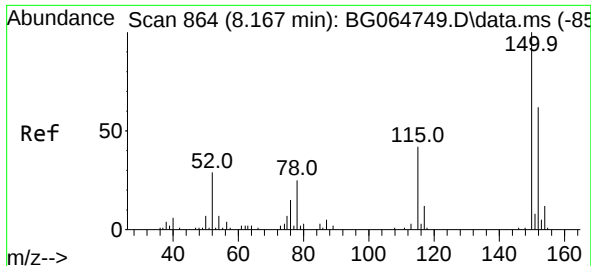
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120925\
 Data File : BG064912.D
 Acq On : 9 Dec 2025 19:44
 Operator : RC/JU
 Sample : Q3795-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11966MSD

Quant Time: Dec 10 00:15:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.276	196	90041	49.920	ng	97
46) 1,1'-Biphenyl	13.605	154	225645	44.621	ng	96
47) 2-Chloronaphthalene	13.652	162	179757	45.120	ng	99
48) 2-Nitroaniline	13.840	65	54276	42.356	ng	94
49) Acenaphthylene	14.492	152	315359	46.333	ng	99
50) Dimethylphthalate	14.210	163	259848	46.720	ng	97
51) 2,6-Dinitrotoluene	14.328	165	52449	49.008	ng	96
52) Acenaphthene	14.827	154	224968	55.126	ng	97
53) 3-Nitroaniline	14.657	138	18110	17.145	ng	85
54) 2,4-Dinitrophenol	14.863	184	73364	97.919	ng	97
55) Dibenzofuran	15.162	168	319384	47.339	ng	99
56) 4-Nitrophenol	14.963	139	72235	86.193	ng	# 87
57) 2,4-Dinitrotoluene	15.109	165	79760	49.711	ng	97
58) Fluorene	15.803	166	250697	47.377	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.380	232	102996	57.875	ng	95
60) Diethylphthalate	15.562	149	253393	47.559	ng	98
61) 4-Chlorophenyl-phenyle...	15.791	204	166117	52.310	ng	96
62) 4-Nitroaniline	15.814	138	50139	45.819	ng	90
63) Azobenzene	16.085	77	186962	42.189	ng	92
65) 4,6-Dinitro-2-methylph...	15.867	198	57680	58.375	ng	93
66) n-Nitrosodiphenylamine	16.002	169	226064	48.496	ng	99
67) 4-Bromophenyl-phenylether	16.684	248	131385	56.218	ng	94
68) Hexachlorobenzene	16.807	284	157484	55.619	ng	# 90
69) Atrazine	16.937	200	108977	48.489	ng	98
70) Pentachlorophenol	17.142	266	184463	107.779	ng	95
71) Phenanthrene	17.536	178	449494	46.163	ng	100
72) Anthracene	17.630	178	465690	46.904	ng	99
73) Carbazole	17.889	167	375652	44.012	ng	98
74) Di-n-butylphthalate	18.441	149	422605	44.380	ng	99
75) Fluoranthene	19.534	202	593051	44.541	ng	97
77) Benzidine	19.698	184	222174	33.821	ng	100
78) Pyrene	19.892	202	610197	49.636	ng	99
80) Butylbenzylphthalate	20.762	149	184831	42.745	ng	91
81) Benzo(a)anthracene	21.725	228	702156	47.078	ng	99
82) 3,3'-Dichlorobenzidine	21.631	252	112673	20.525	ng	# 99
83) Chrysene	21.790	228	669262	47.596	ng	99
84) Bis(2-ethylhexyl)phtha...	21.619	149	266794	42.224	ng	98
85) Di-n-octyl phthalate	22.842	149	447412	40.964	ng	98
87) Indeno(1,2,3-cd)pyrene	28.723	276	890738	52.348	ng	# 99
88) Benzo(b)fluoranthene	23.964	252	741226	47.028	ng	# 98
89) Benzo(k)fluoranthene	24.034	252	723879	45.715	ng	# 99
90) Benzo(a)pyrene	24.845	252	702897	48.076	ng	# 98
91) Dibenzo(a,h)anthracene	28.782	278	744820	53.432	ng	97
92) Benzo(g,h,i)perylene	29.886	276	713915	53.215	ng	# 97

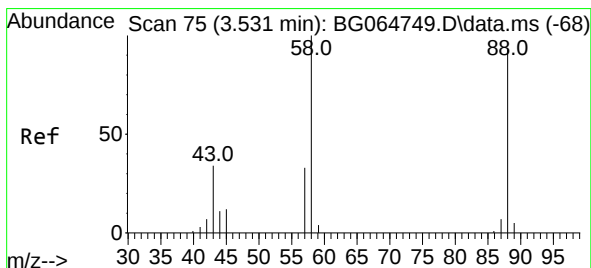
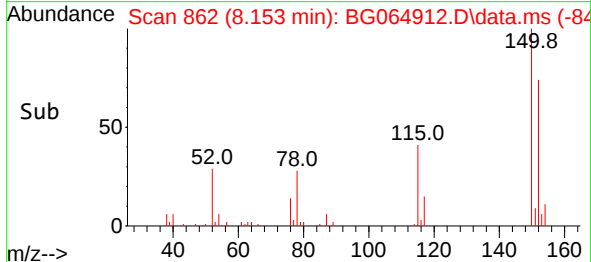
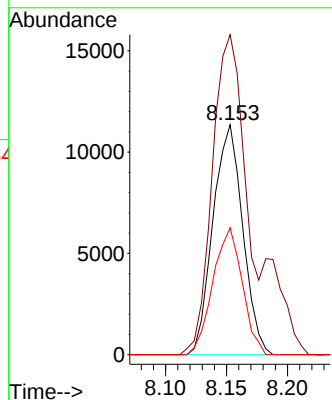
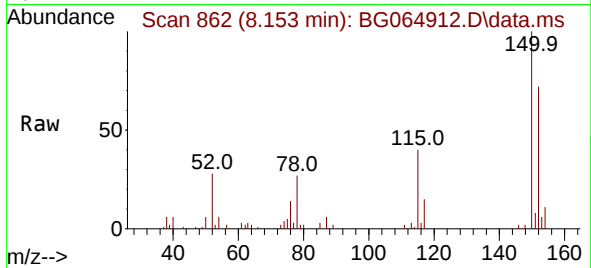
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.153 min Scan# 80
 Delta R.T. -0.014 min
 Lab File: BG064912.D
 Acq: 9 Dec 2025 19:44

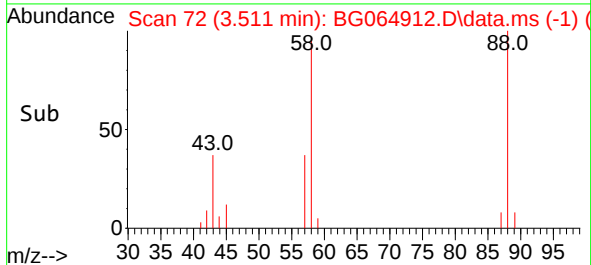
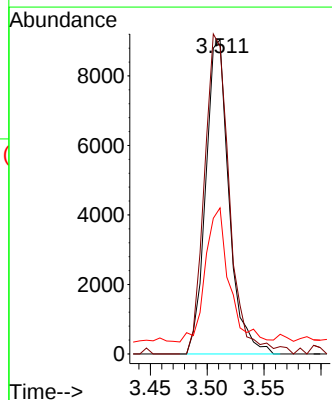
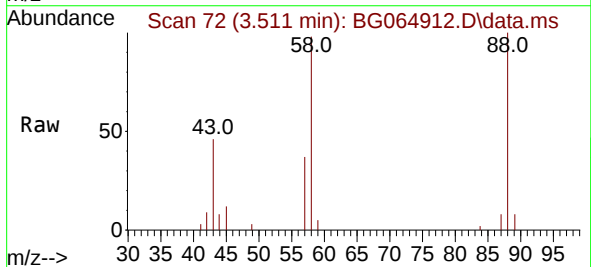
Instrument :
 BNA_G
 ClientSampleId :
 72-11966MSD

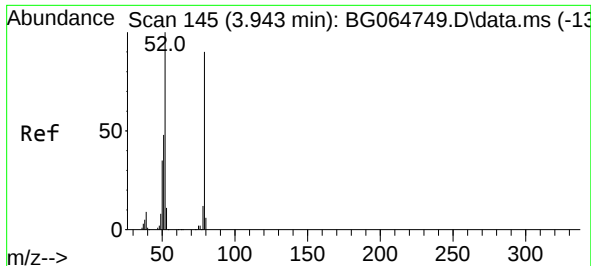
Tgt Ion:152 Resp: 19263
 Ion Ratio Lower Upper
 152 100
 150 139.1 129.2 193.8
 115 55.2 53.7 80.5



#2
 1,4-Dioxane
 Concen: 30.125 ng
 RT: 3.511 min Scan# 72
 Delta R.T. -0.020 min
 Lab File: BG064912.D
 Acq: 9 Dec 2025 19:44

Tgt Ion: 88 Resp: 12865
 Ion Ratio Lower Upper
 88 100
 58 109.5 84.6 126.8
 43 43.3 30.0 45.0

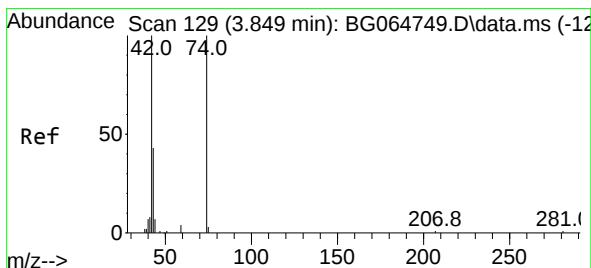
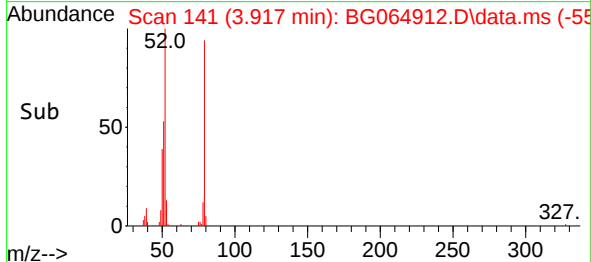
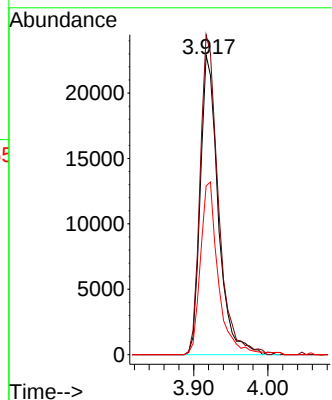
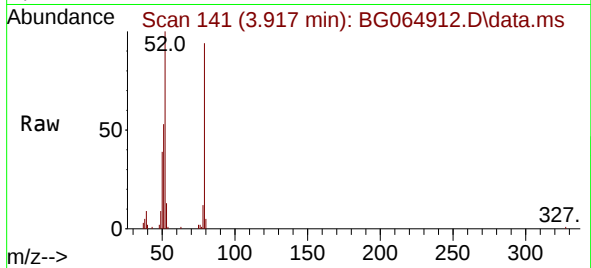




#3
Pyridine
Concen: 30.174 ng
RT: 3.917 min Scan# 141
Delta R.T. -0.026 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

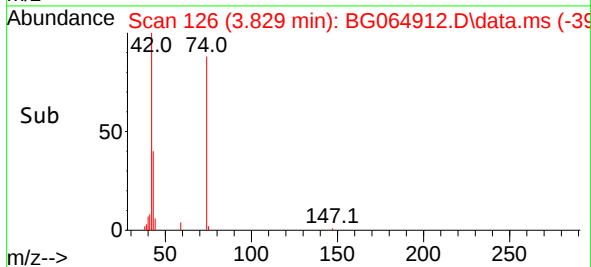
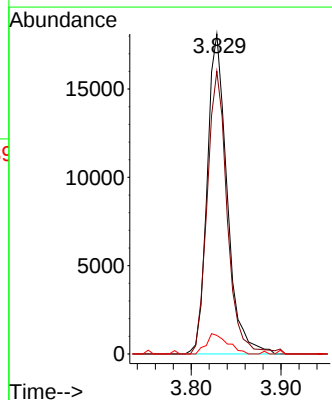
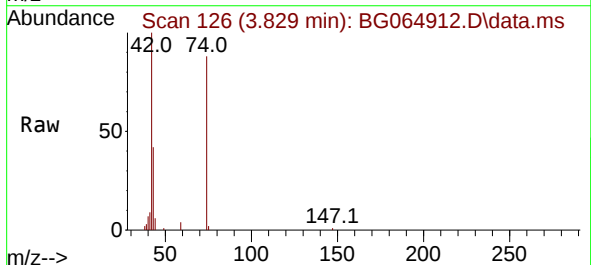
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

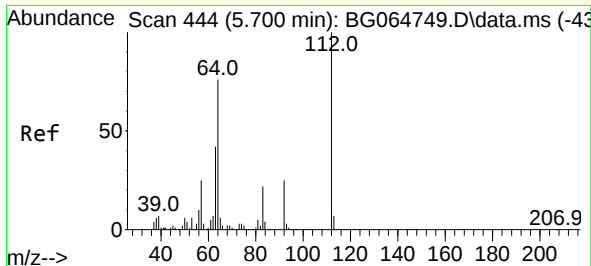
Tgt Ion: 79 Resp: 38395
Ion Ratio Lower Upper
79 100
52 106.8 89.0 133.4
51 56.4 43.4 65.0



#4
n-Nitrosodimethylamine
Concen: 42.859 ng
RT: 3.829 min Scan# 126
Delta R.T. -0.020 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

Tgt Ion: 42 Resp: 27757
Ion Ratio Lower Upper
42 100
74 88.3 79.8 119.6
44 5.8 5.9 8.9#

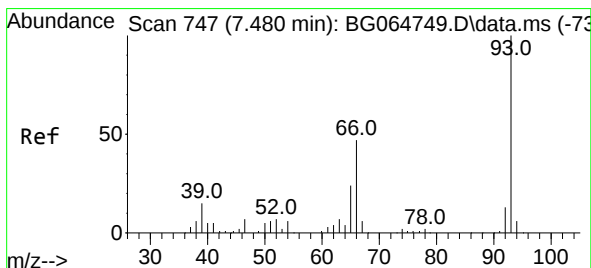
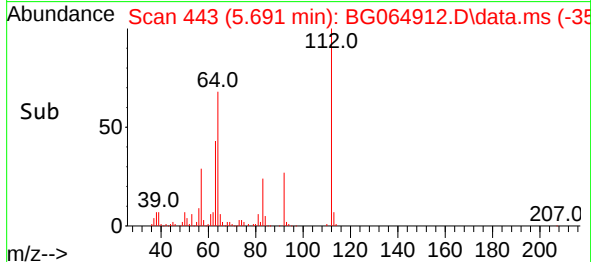
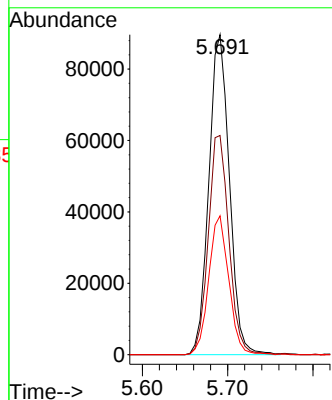
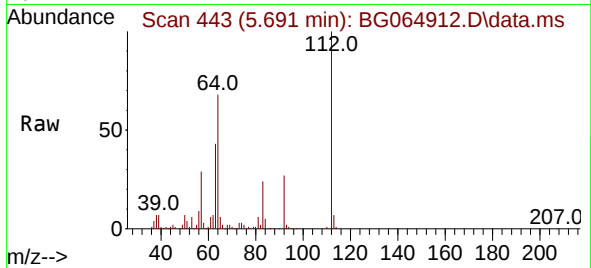




#5
2-Fluorophenol
Concen: 135.980 ng
RT: 5.691 min Scan# 44
Delta R.T. -0.008 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

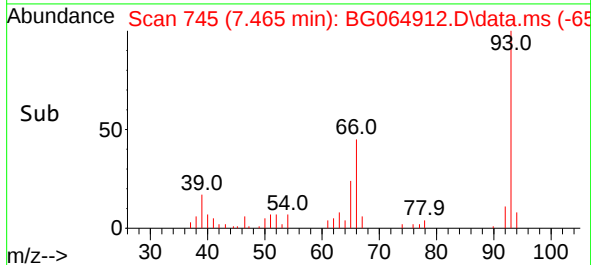
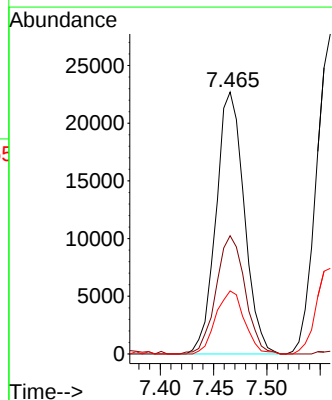
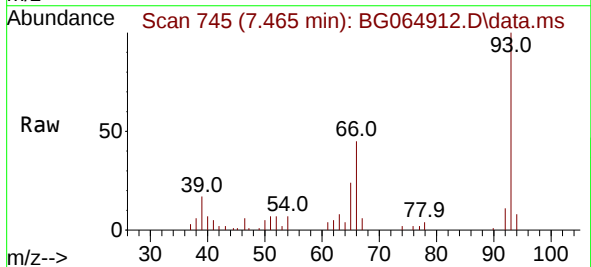
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

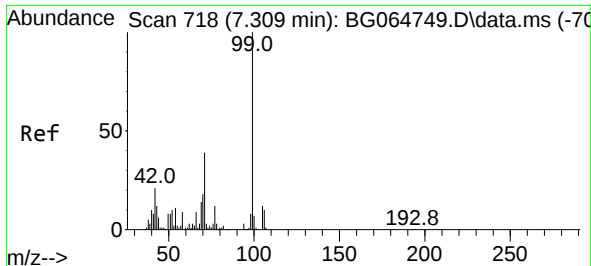
Tgt Ion:112 Resp: 150003
Ion Ratio Lower Upper
112 100
64 68.5 61.0 91.4
63 43.4 33.3 49.9



#6
Aniline
Concen: 21.300 ng
RT: 7.465 min Scan# 745
Delta R.T. -0.014 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

Tgt Ion: 93 Resp: 41655
Ion Ratio Lower Upper
93 100
66 45.1 37.7 56.5
65 24.1 19.1 28.7

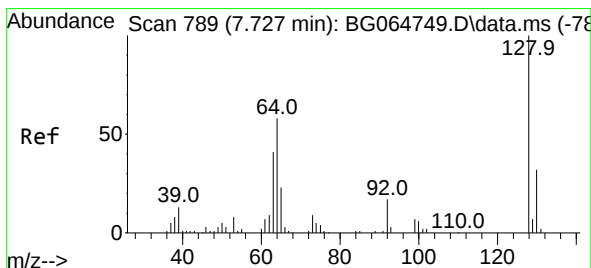
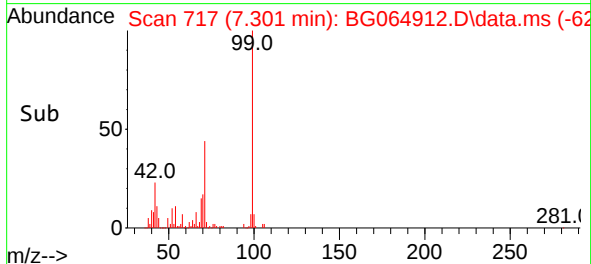
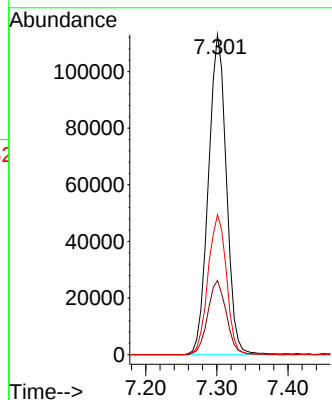
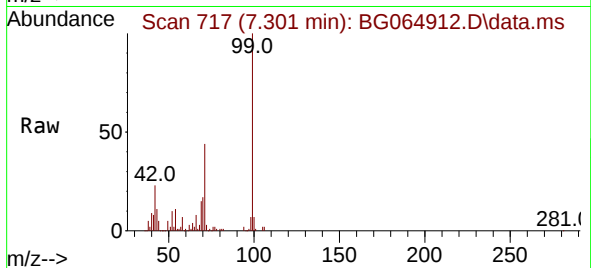




#7
Phenol-d6
Concen: 135.599 ng
RT: 7.301 min Scan# 717
Delta R.T. -0.009 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

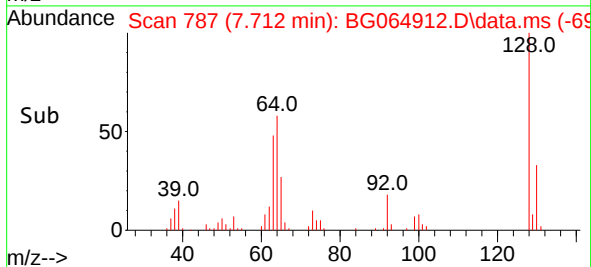
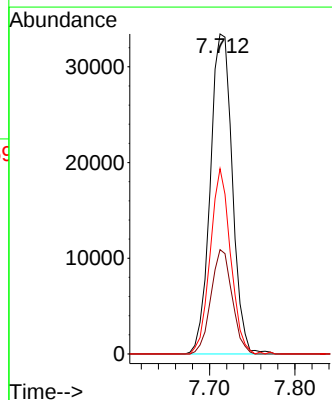
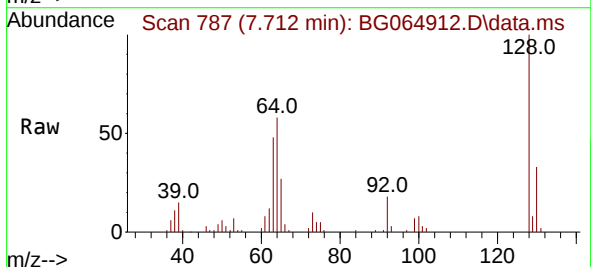
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

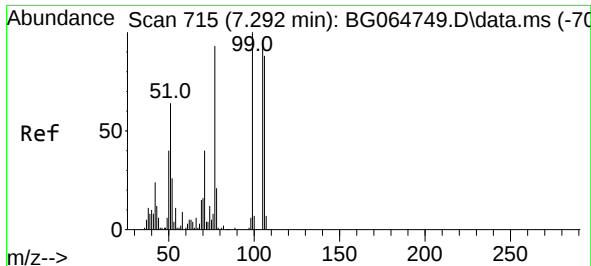
Tgt Ion: 99 Resp: 198952
Ion Ratio Lower Upper
99 100
42 23.2 16.8 25.2
71 43.7 31.1 46.7



#8
2-Chlorophenol
Concen: 49.553 ng
RT: 7.712 min Scan# 787
Delta R.T. -0.014 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

Tgt Ion: 128 Resp: 60022
Ion Ratio Lower Upper
128 100
130 32.6 11.9 51.9
64 57.9 38.4 78.4

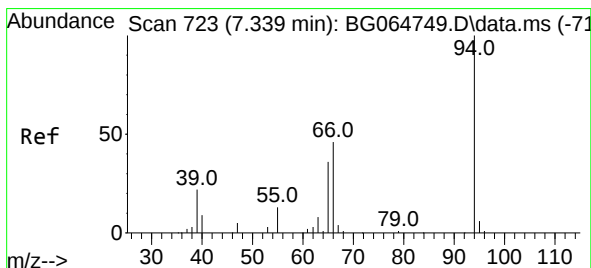
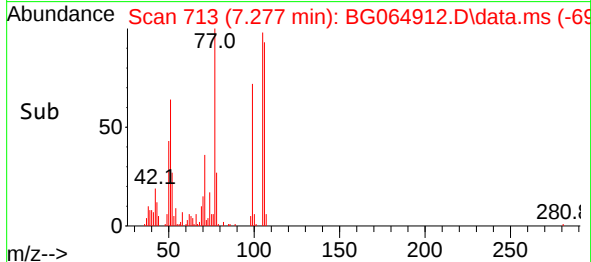
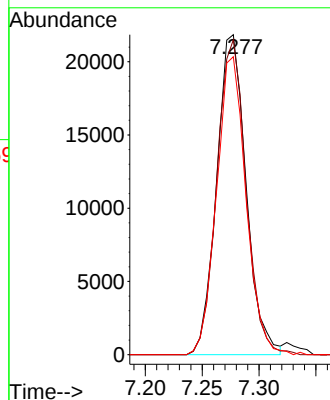
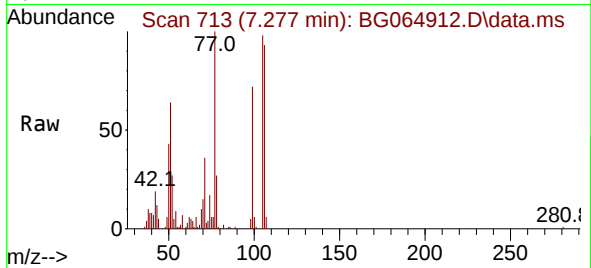




#9
Benzaldehyde
Concen: 40.905 ng
RT: 7.277 min Scan# 713
Delta R.T. -0.014 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

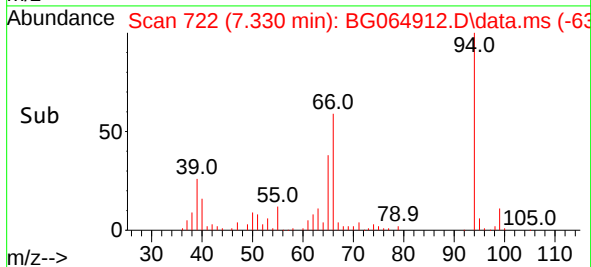
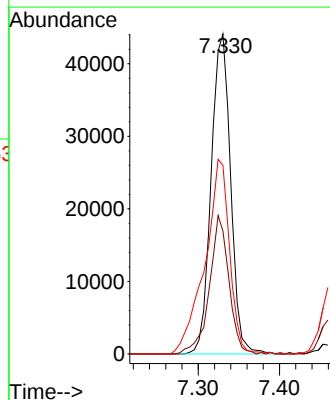
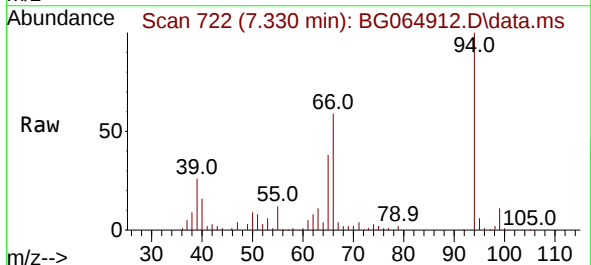
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

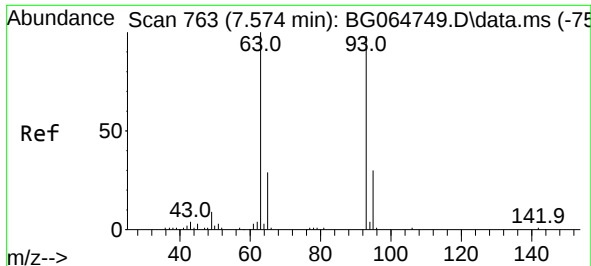
Tgt Ion: 77 Resp: 39287
Ion Ratio Lower Upper
77 100
105 98.4 83.8 123.8
106 93.1 74.3 114.3



#10
Phenol
Concen: 45.936 ng
RT: 7.330 min Scan# 722
Delta R.T. -0.009 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

Tgt Ion: 94 Resp: 73331
Ion Ratio Lower Upper
94 100
65 38.5 17.0 57.0
66 58.9 29.8 69.8

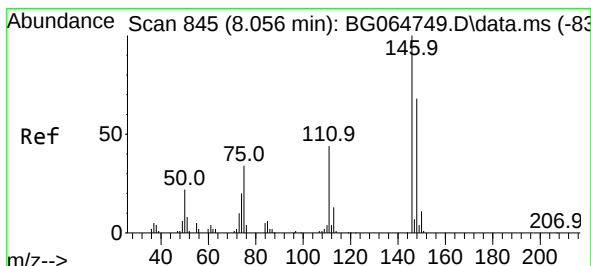
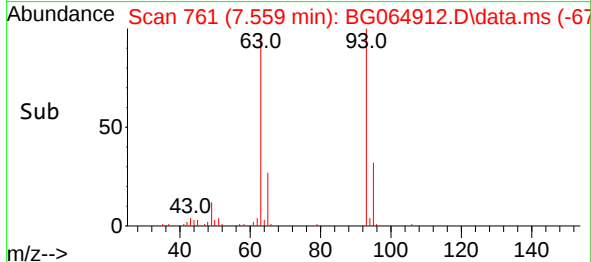
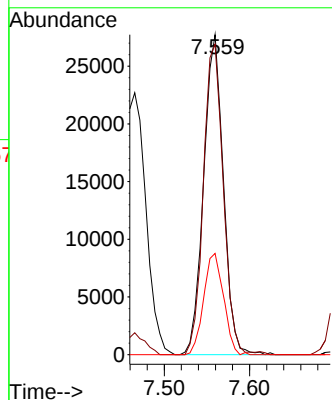
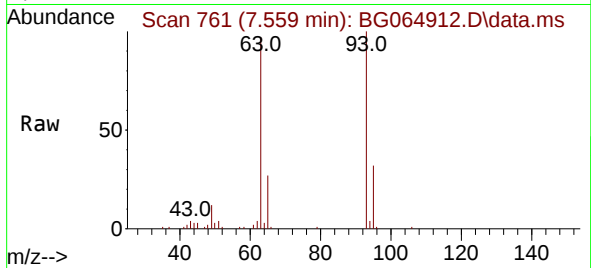




#11
bis(2-Chloroethyl)ether
Concen: 39.294 ng
RT: 7.559 min Scan# 761
Delta R.T. -0.014 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

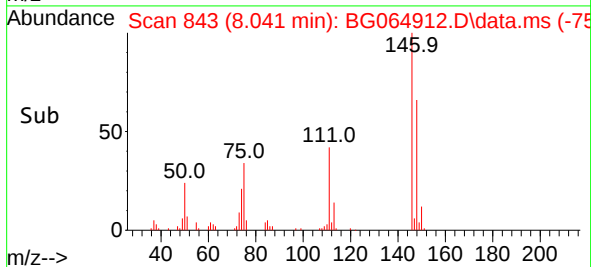
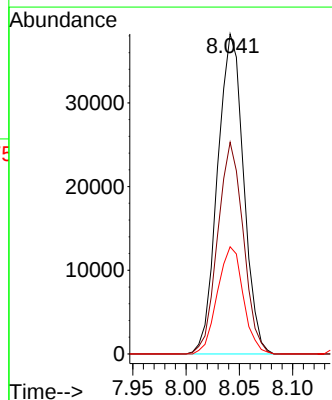
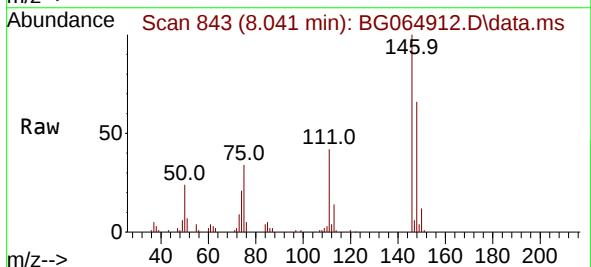
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

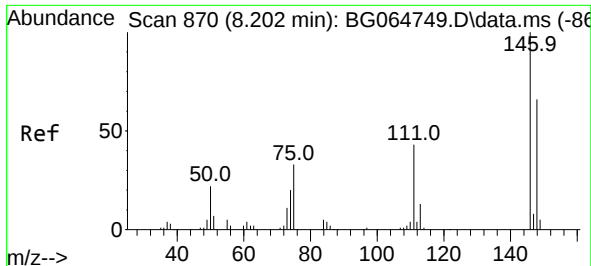
Tgt Ion: 93 Resp: 44637
Ion Ratio Lower Upper
93 100
63 97.1 81.8 121.8
95 31.6 10.3 50.3



#12
1,3-Dichlorobenzene
Concen: 46.613 ng
RT: 8.041 min Scan# 843
Delta R.T. -0.014 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

Tgt Ion: 146 Resp: 64969
Ion Ratio Lower Upper
146 100
148 66.1 54.6 82.0
75 33.5 27.6 41.4

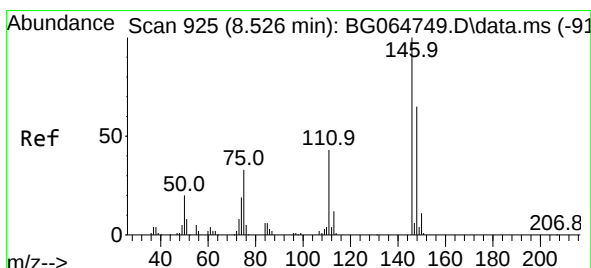
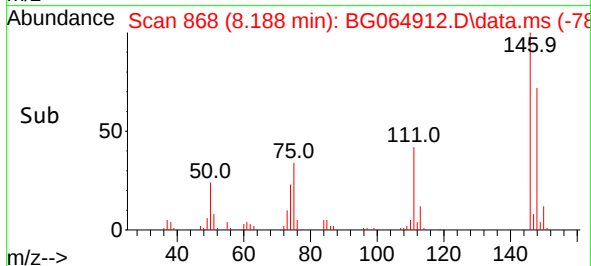
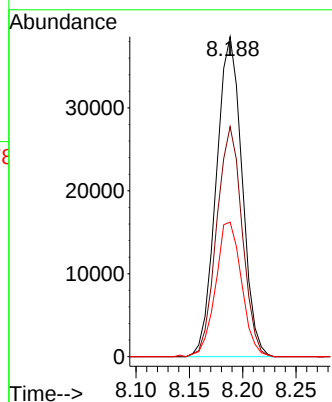
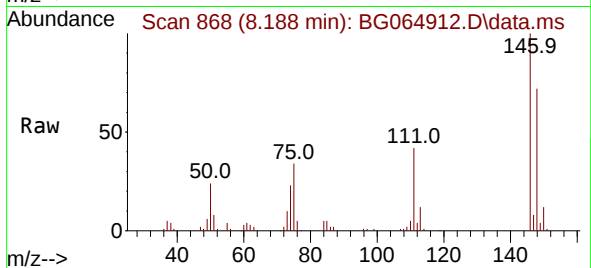




#13
1,4-Dichlorobenzene
Concen: 45.721 ng
RT: 8.188 min Scan# 80
Delta R.T. -0.014 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

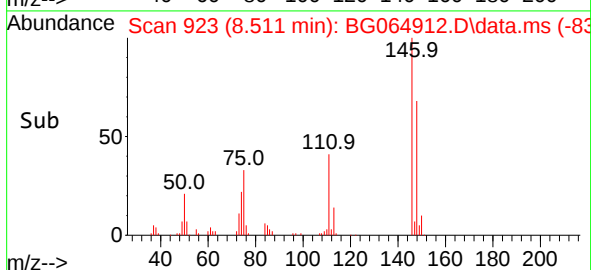
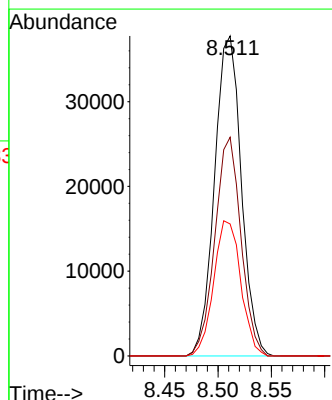
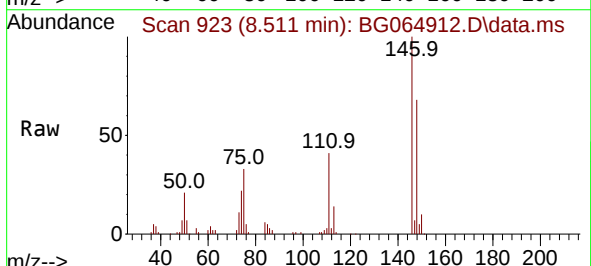
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

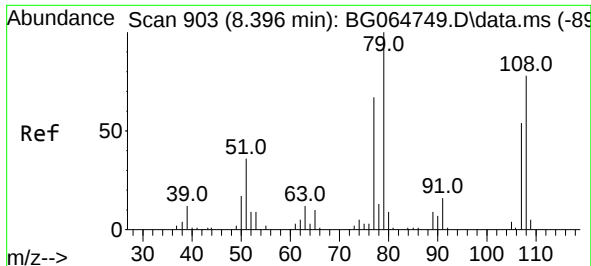
Tgt Ion:146 Resp: 64889
Ion Ratio Lower Upper
146 100
148 71.9 53.1 79.7
111 42.1 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 47.950 ng
RT: 8.511 min Scan# 923
Delta R.T. -0.014 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

Tgt Ion:146 Resp: 65984
Ion Ratio Lower Upper
146 100
148 68.4 52.0 78.0
111 41.2 34.7 52.1

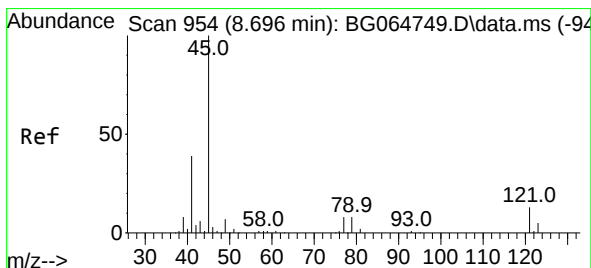
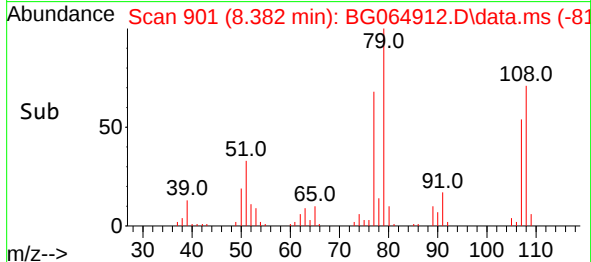
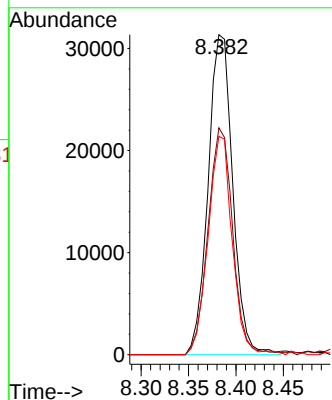
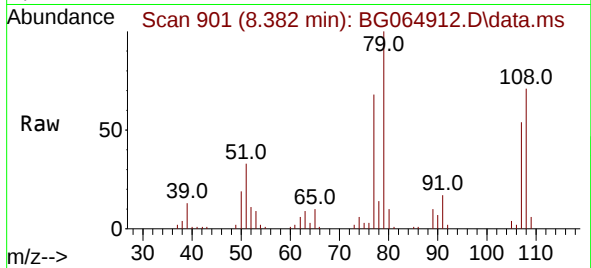




#15
Benzyl Alcohol
Concen: 47.061 ng
RT: 8.382 min Scan# 901
Delta R.T. -0.014 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

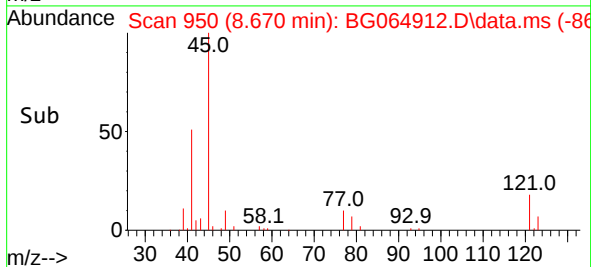
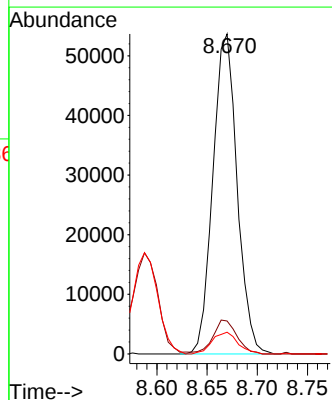
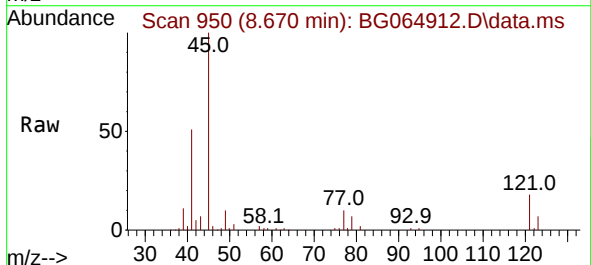
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

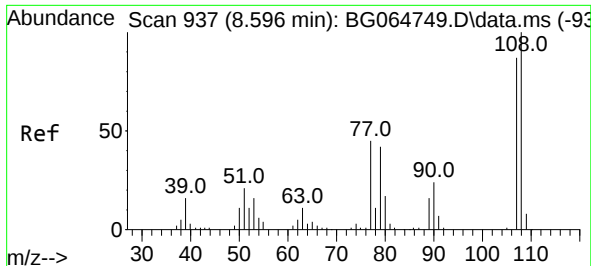
Tgt Ion: 79 Resp: 56676
Ion Ratio Lower Upper
79 100
108 70.9 62.3 93.5
77 68.2 53.5 80.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.515 ng
RT: 8.670 min Scan# 950
Delta R.T. -0.026 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

Tgt Ion: 45 Resp: 90116
Ion Ratio Lower Upper
45 100
77 10.3 0.0 28.8
79 6.8 0.0 28.1

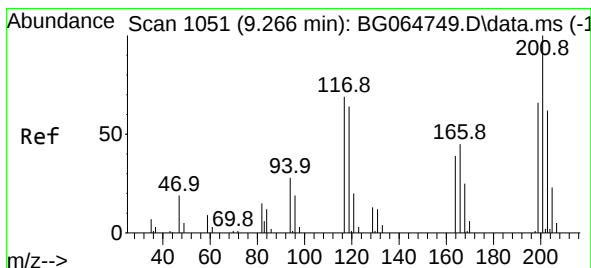
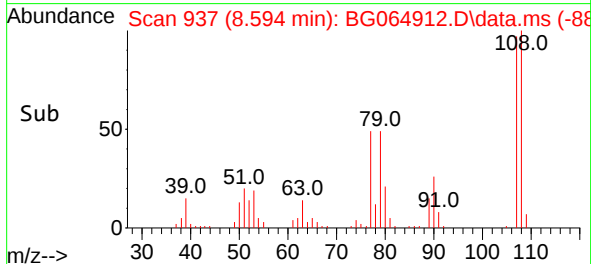
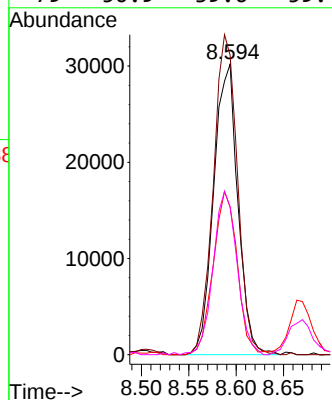
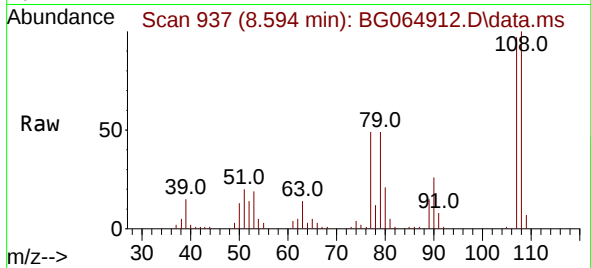




#17
2-Methylphenol
Concen: 47.314 ng
RT: 8.594 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

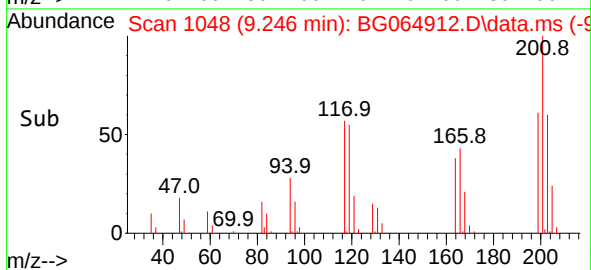
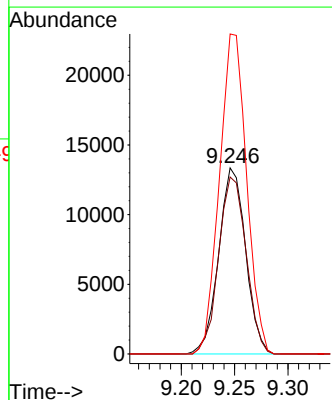
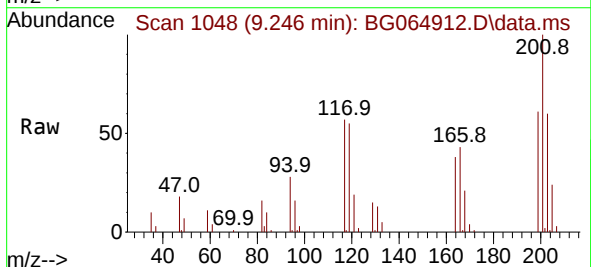
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

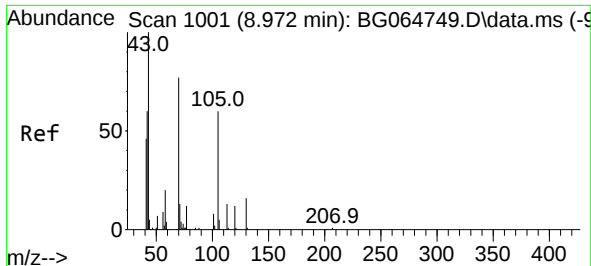
Tgt Ion:	107	Resp:	53443
Ion	Ratio	Lower	Upper
107	100		
108	103.1	92.6	138.8
77	50.8	41.2	61.8
79	50.9	39.6	59.4



#18
Hexachloroethane
Concen: 43.655 ng
RT: 9.246 min Scan# 1048
Delta R.T. -0.020 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

Tgt Ion:	117	Resp:	23466
Ion	Ratio	Lower	Upper
117	100		
119	95.1	74.4	111.6
201	175.9	116.5	174.7#

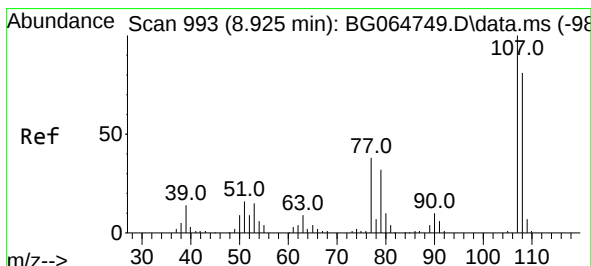
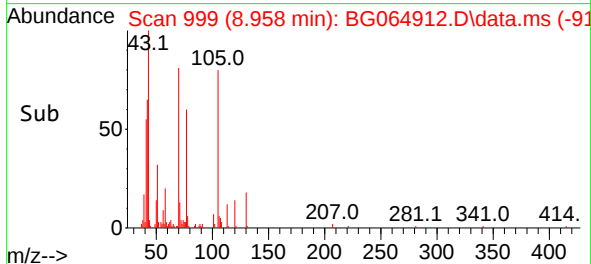
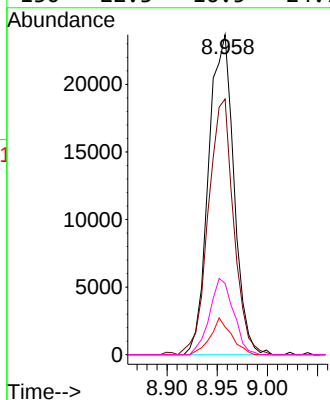
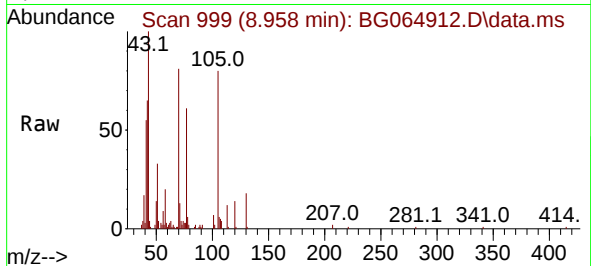




#19
n-Nitroso-di-n-propylamine
Concen: 41.862 ng
RT: 8.958 min Scan# 911
Delta R.T. -0.014 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

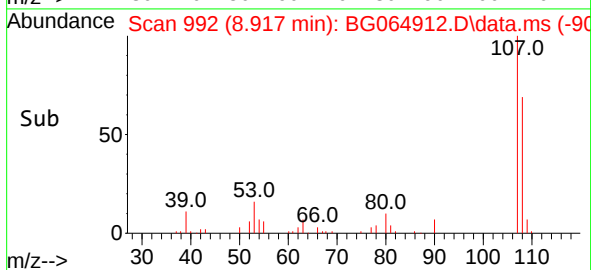
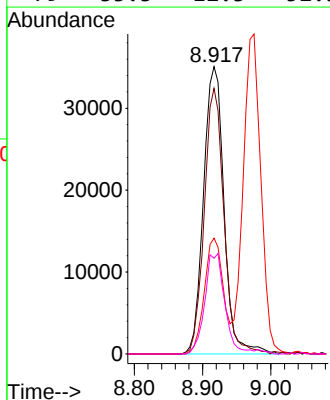
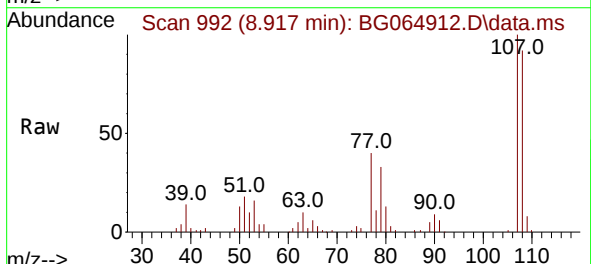
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

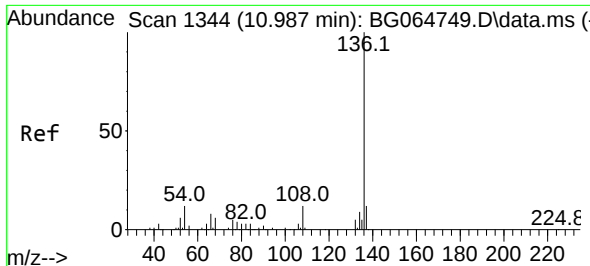
Tgt Ion:	70	Resp:	41529
Ion	Ratio	Lower	Upper
70	100		
42	79.9	62.6	93.8
101	8.7	8.0	12.0
130	22.3	16.5	24.7



#20
3+4-Methylphenols
Concen: 47.297 ng
RT: 8.917 min Scan# 992
Delta R.T. -0.008 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

Tgt Ion:	107	Resp:	73188
Ion	Ratio	Lower	Upper
107	100		
108	92.4	61.0	101.0
77	40.3	17.6	57.6
79	33.3	12.3	52.3

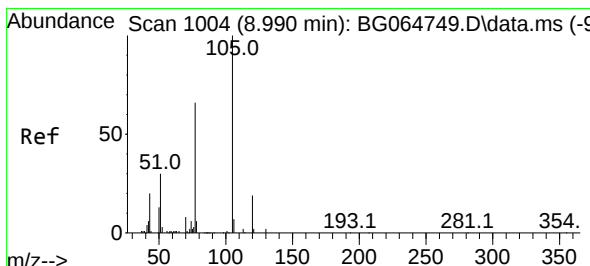
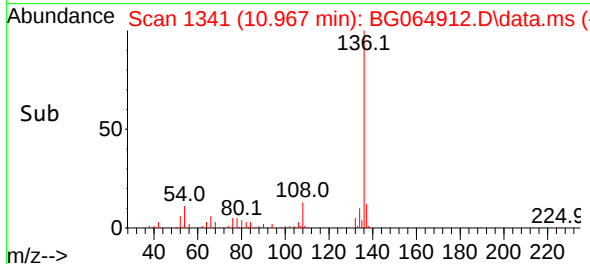
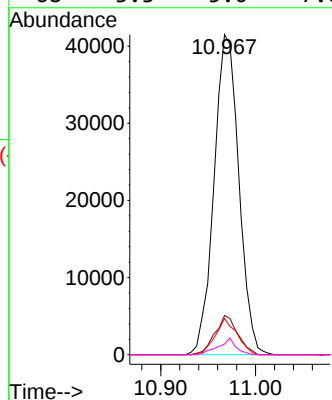
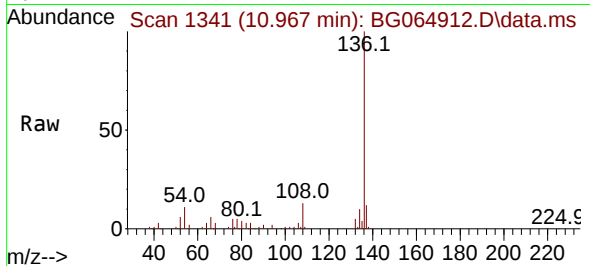




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.967 min Scan# 11
Delta R.T. -0.020 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

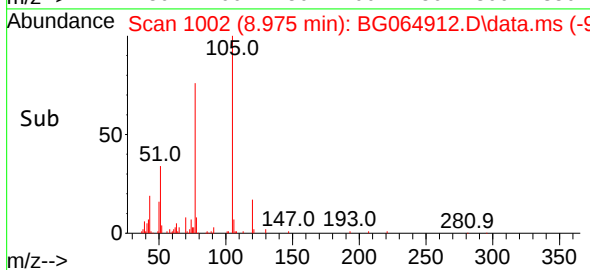
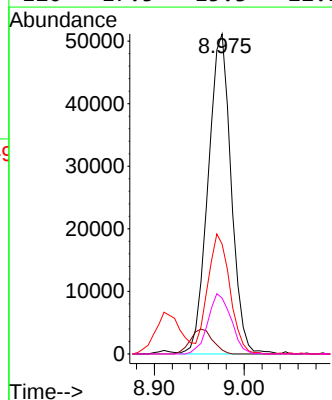
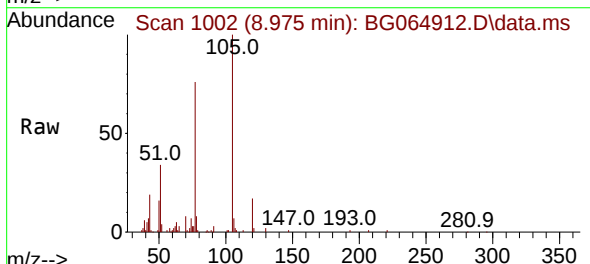
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

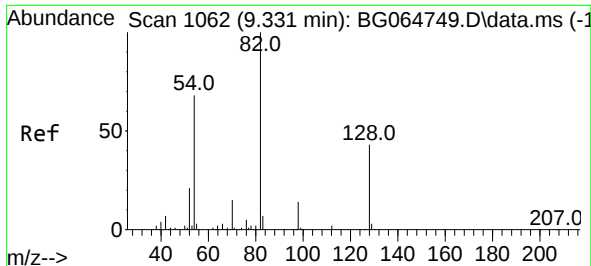
Tgt Ion:	136	Resp:	75596
Ion Ratio	Lower	Upper	
136	100		
137	12.2	9.3	13.9
54	11.4	9.3	13.9
68	3.3	5.0	7.6



#22
Acetophenone
Concen: 44.129 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.014 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

Tgt Ion:	105	Resp:	90887
Ion Ratio	Lower	Upper	
105	100		
71	1.3	1.3	1.9
51	34.3	27.9	41.9
120	17.5	15.3	22.9

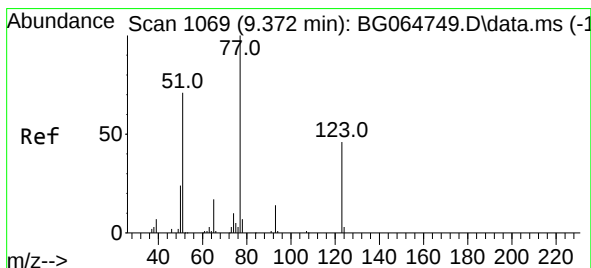
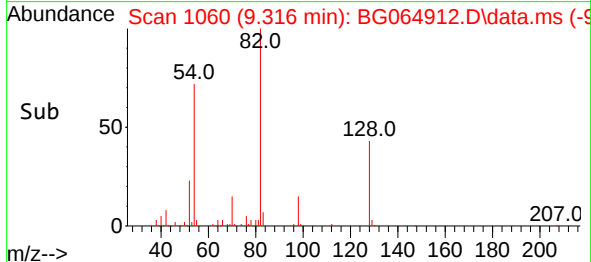
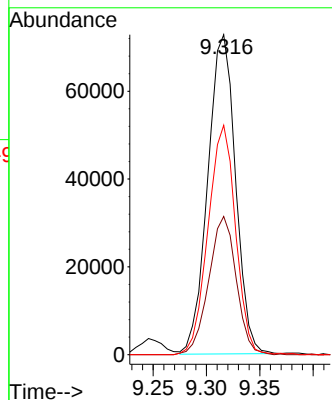
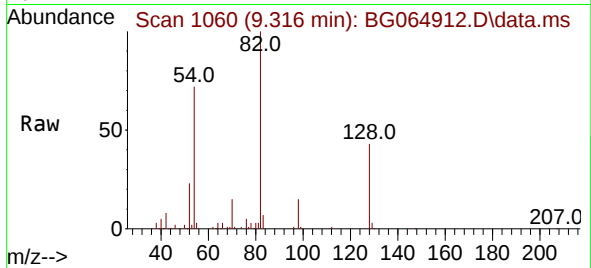




#23
Nitrobenzene-d5
Concen: 86.060 ng
RT: 9.316 min Scan# 1062
Delta R.T. -0.014 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

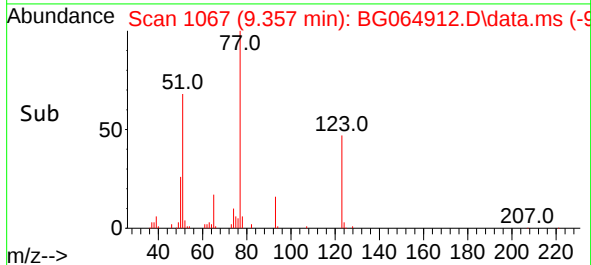
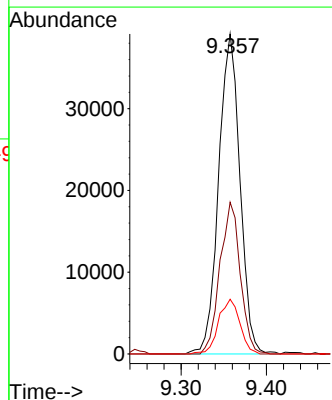
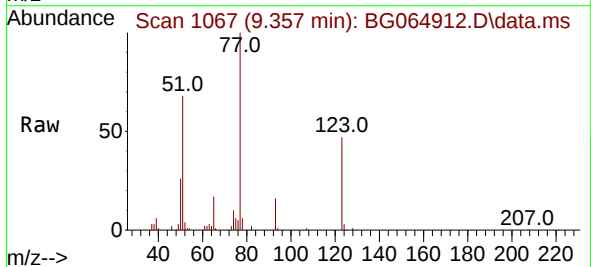
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

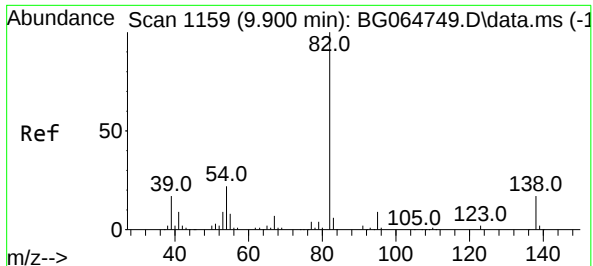
Tgt Ion: 82 Resp: 131582
Ion Ratio Lower Upper
82 100
128 43.2 34.1 51.1
54 71.7 54.3 81.5



#24
Nitrobenzene
Concen: 43.917 ng
RT: 9.357 min Scan# 1067
Delta R.T. -0.014 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

Tgt Ion: 77 Resp: 67847
Ion Ratio Lower Upper
77 100
123 47.4 36.5 54.7
65 17.1 13.5 20.3

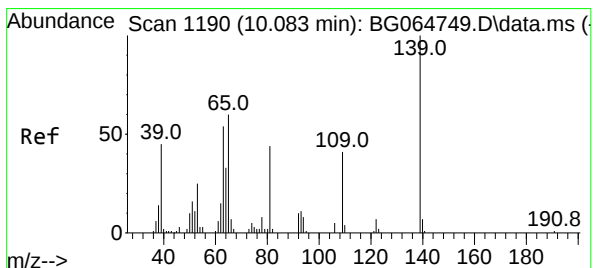
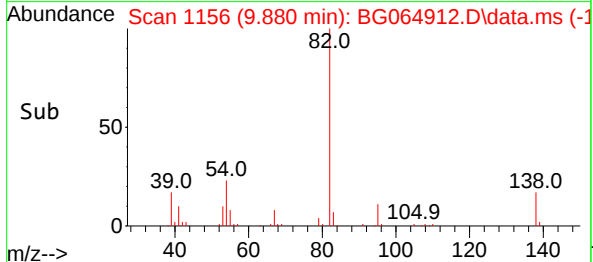
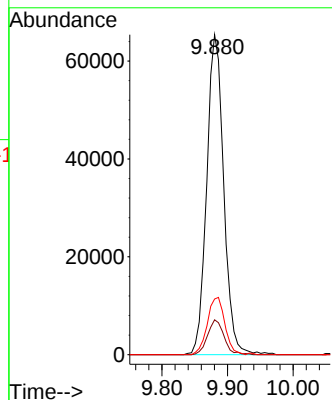
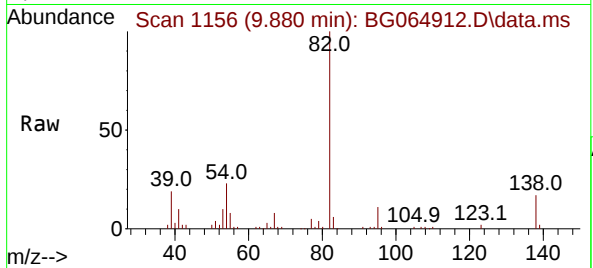




#25
Isophorone
Concen: 40.572 ng
RT: 9.880 min Scan# 1156
Delta R.T. -0.020 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

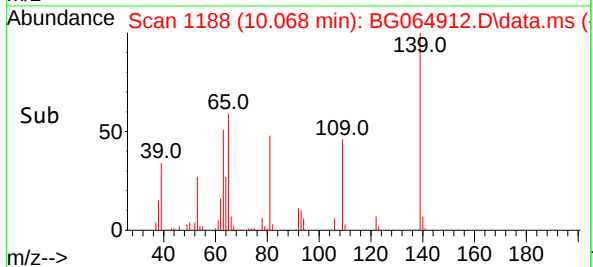
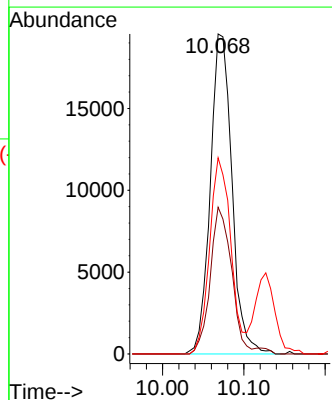
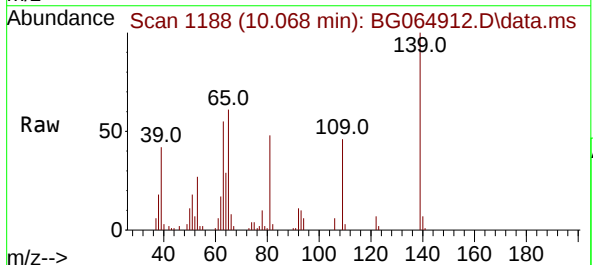
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

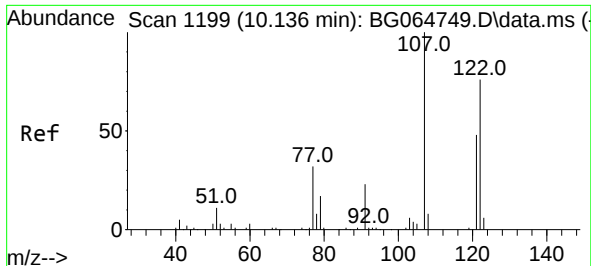
Tgt Ion: 82 Resp: 118131
Ion Ratio Lower Upper
82 100
95 10.9 6.9 10.3#
138 17.4 13.9 20.9



#26
2-Nitrophenol
Concen: 52.037 ng
RT: 10.068 min Scan# 1188
Delta R.T. -0.014 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

Tgt Ion:139 Resp: 36159
Ion Ratio Lower Upper
139 100
109 45.8 32.5 48.7
65 61.3 47.6 71.4





#27

2,4-Dimethylphenol

Concen: 48.871 ng

RT: 10.127 min Scan# 1199

Delta R.T. -0.009 min

Lab File: BG064912.D

Acq: 9 Dec 2025 19:44

Instrument :

BNA_G

ClientSampleId :

72-11966MSD

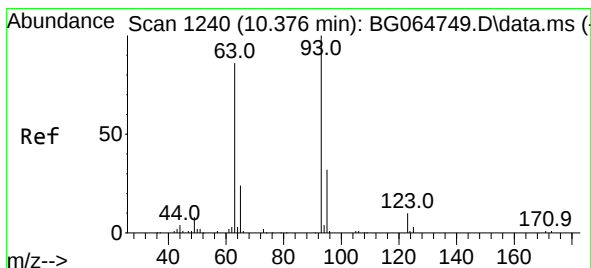
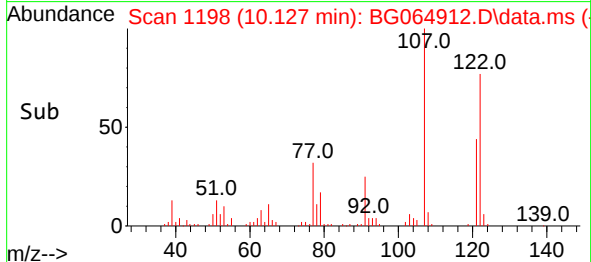
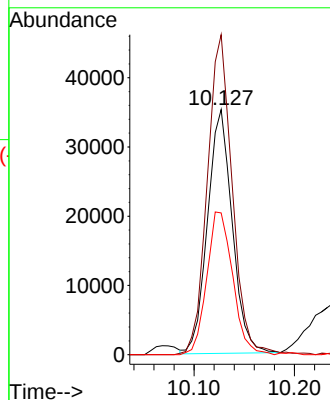
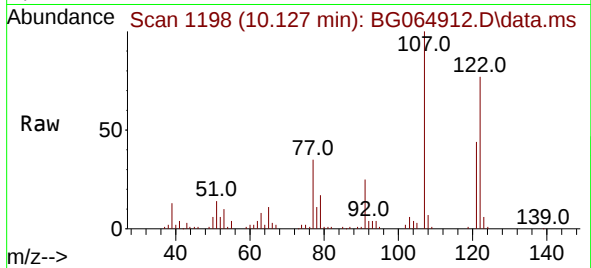
Tgt Ion:122 Resp: 60331

Ion Ratio Lower Upper

122 100

107 130.6 102.5 153.7

121 57.9 49.0 73.6



#28

bis(2-Chloroethoxy)methane

Concen: 41.307 ng

RT: 10.362 min Scan# 1238

Delta R.T. -0.014 min

Lab File: BG064912.D

Acq: 9 Dec 2025 19:44

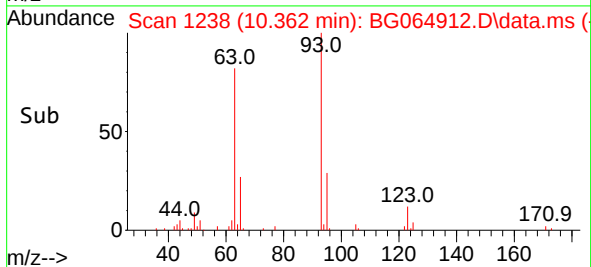
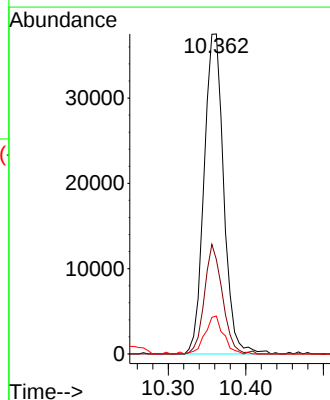
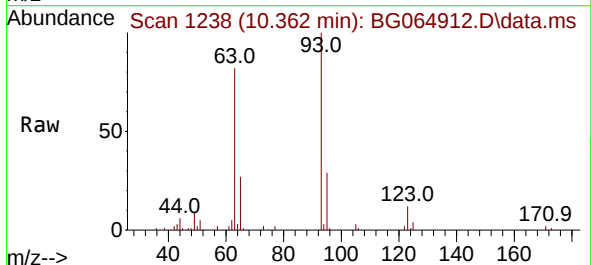
Tgt Ion: 93 Resp: 66028

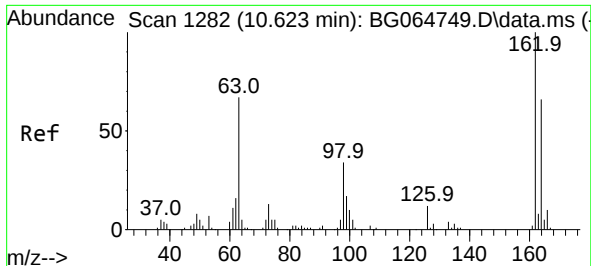
Ion Ratio Lower Upper

93 100

95 29.5 25.4 38.2

123 11.8 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 54.703 ng

RT: 10.609 min Scan# 11

Delta R.T. -0.014 min

Lab File: BG064912.D

Acq: 9 Dec 2025 19:44

Instrument :

BNA_G

ClientSampleId :

72-11966MSD

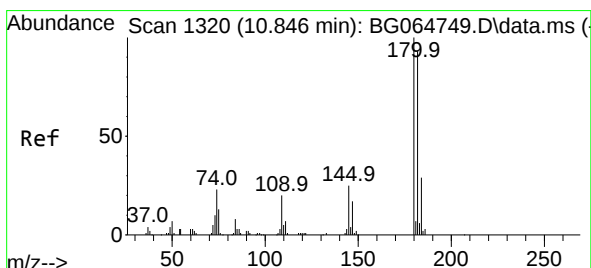
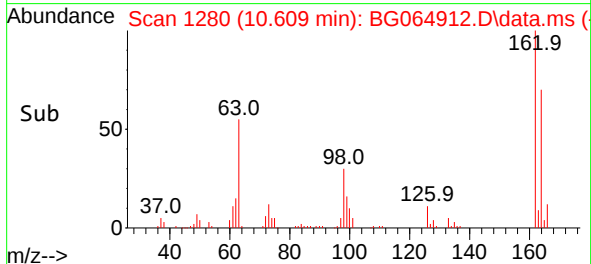
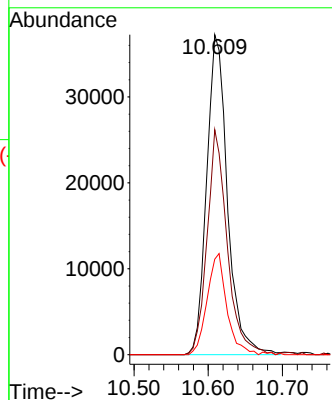
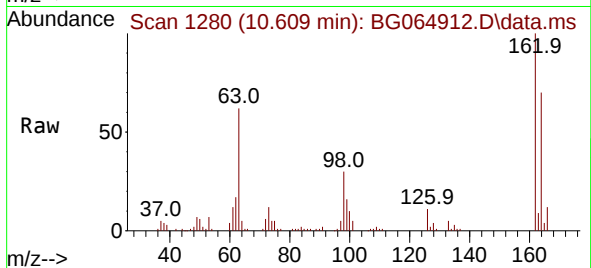
Tgt Ion:162 Resp: 72502

Ion Ratio Lower Upper

162 100

164 70.3 46.0 86.0

98 29.9 14.2 54.2



#30

1,2,4-Trichlorobenzene

Concen: 55.215 ng

RT: 10.832 min Scan# 1318

Delta R.T. -0.014 min

Lab File: BG064912.D

Acq: 9 Dec 2025 19:44

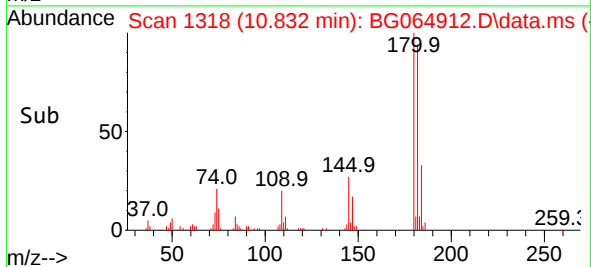
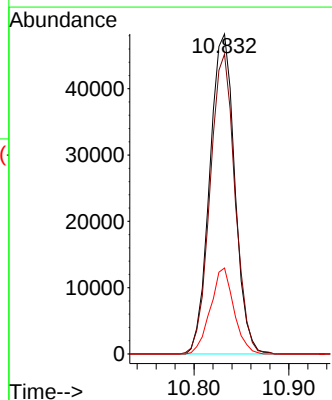
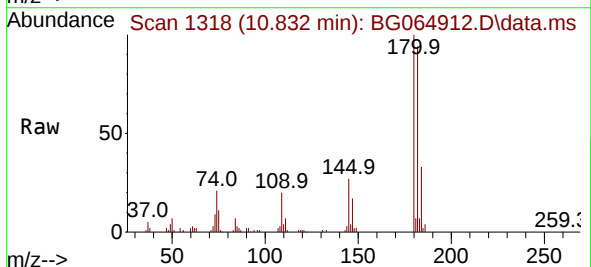
Tgt Ion:180 Resp: 88368

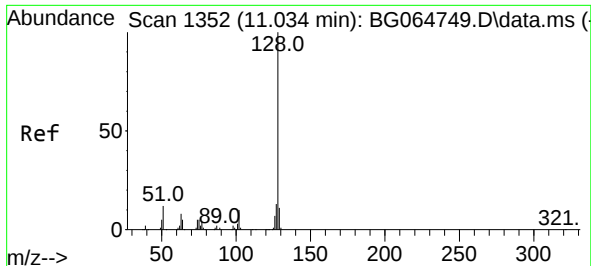
Ion Ratio Lower Upper

180 100

182 93.7 74.2 111.4

145 26.9 20.0 30.0

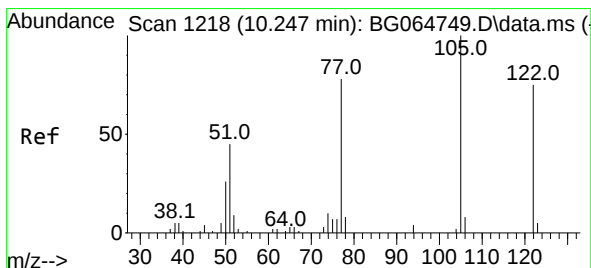
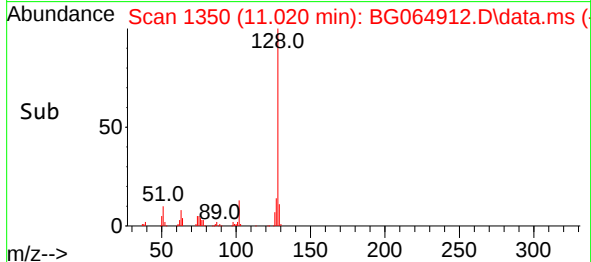
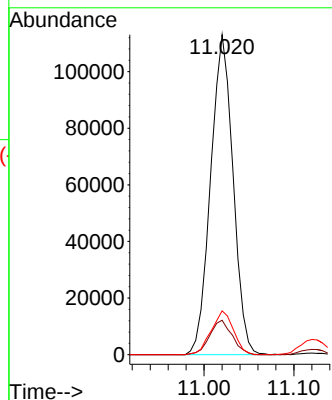
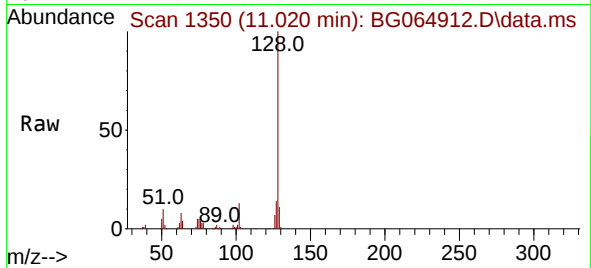




#31
Naphthalene
Concen: 45.681 ng
RT: 11.020 min Scan# 11
Delta R.T. -0.014 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

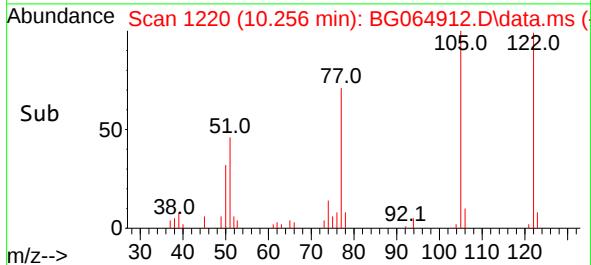
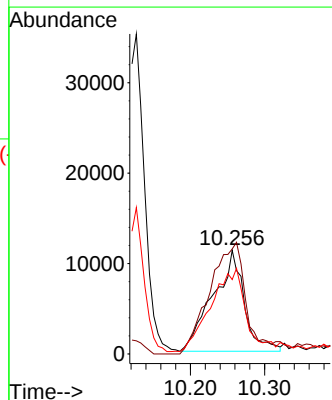
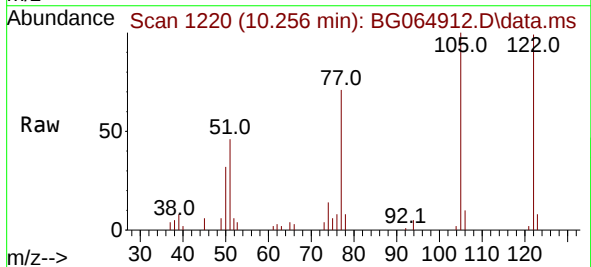
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

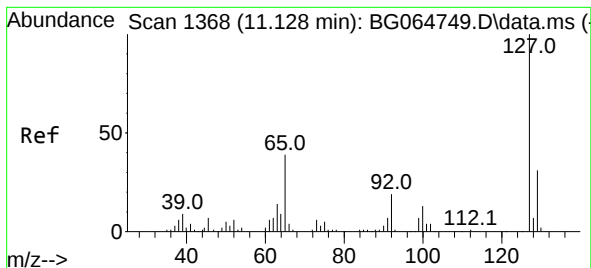
Tgt Ion:128 Resp: 195760
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.7 10.6 16.0



#32
Benzoic acid
Concen: 38.732 ng
RT: 10.256 min Scan# 1220
Delta R.T. 0.009 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

Tgt Ion:122 Resp: 32618
Ion Ratio Lower Upper
122 100
105 101.3 107.6 147.6#
77 71.8 82.5 122.5#

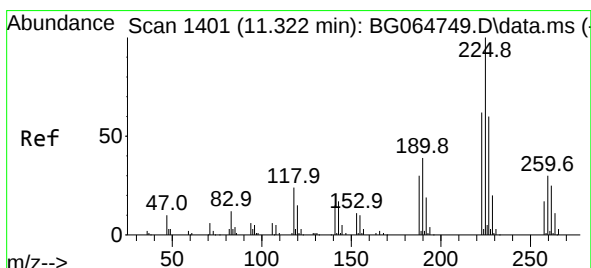
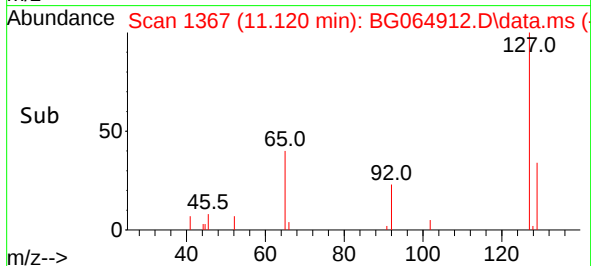
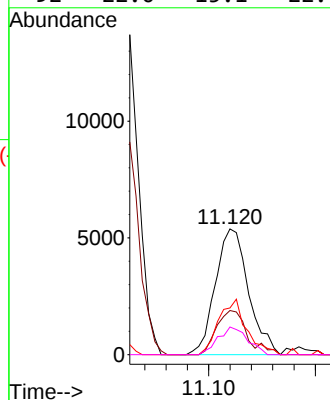
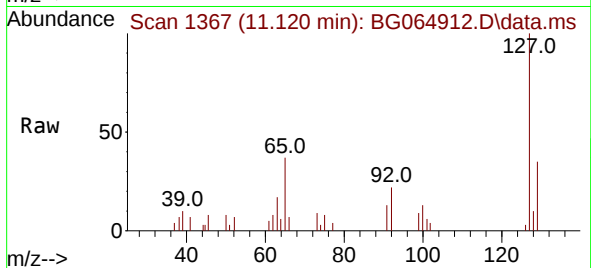




#33
4-Chloroaniline
Concen: 6.765 ng
RT: 11.120 min Scan# 111
Delta R.T. -0.009 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

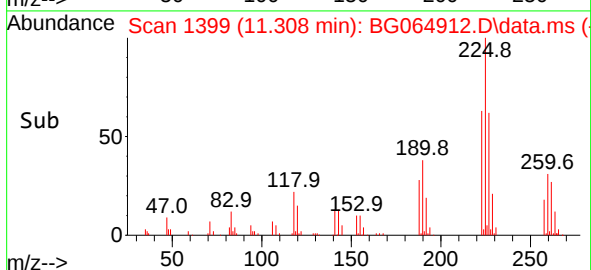
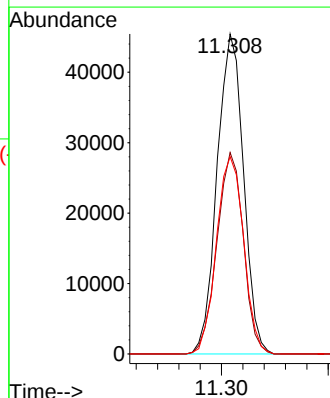
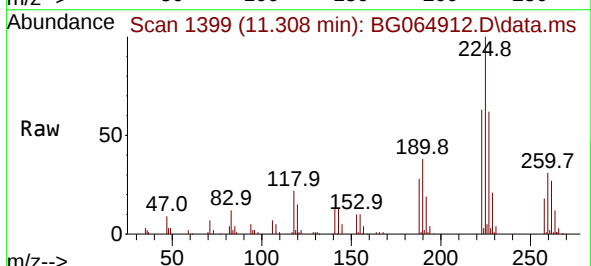
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

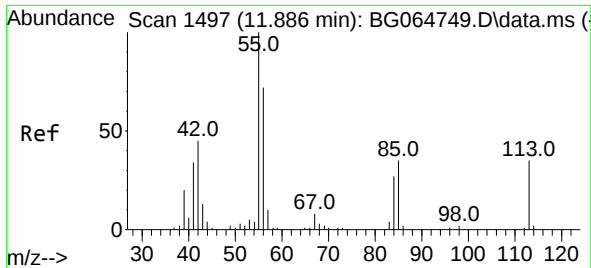
Tgt Ion:	127	Resp:	11597
Ion	Ratio	Lower	Upper
127	100		
129	35.1	24.9	37.3
65	37.2	30.9	46.3
92	22.0	15.1	22.7



#34
Hexachlorobutadiene
Concen: 56.886 ng
RT: 11.308 min Scan# 1399
Delta R.T. -0.014 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

Tgt Ion:	225	Resp:	78114
Ion	Ratio	Lower	Upper
225	100		
223	59.9	49.9	74.9
227	58.6	50.6	75.8

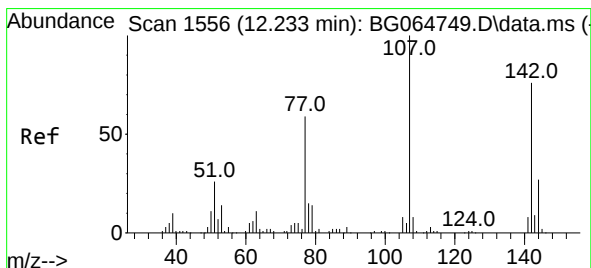
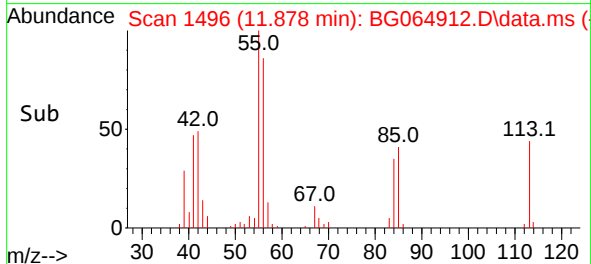
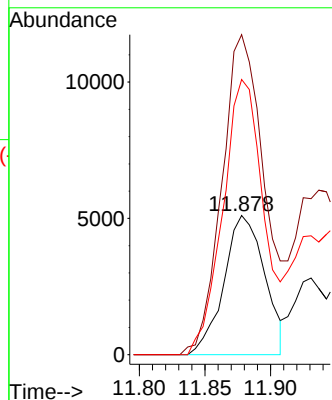
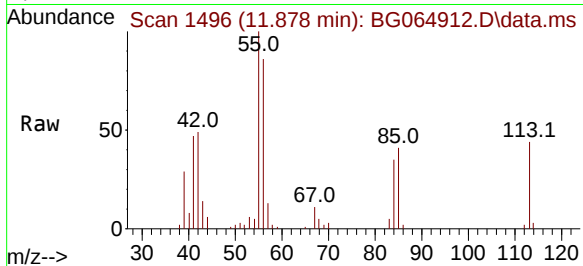




#35
 Caprolactam
 Concen: 27.839 ng
 RT: 11.878 min Scan# 1496
 Delta R.T. -0.009 min
 Lab File: BG064912.D
 Acq: 9 Dec 2025 19:44

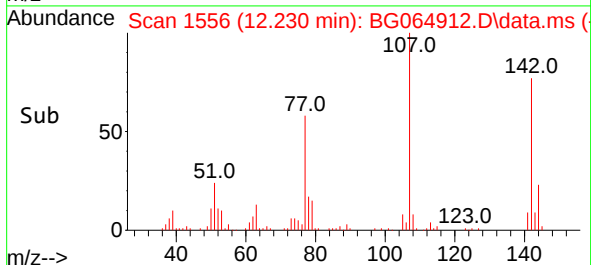
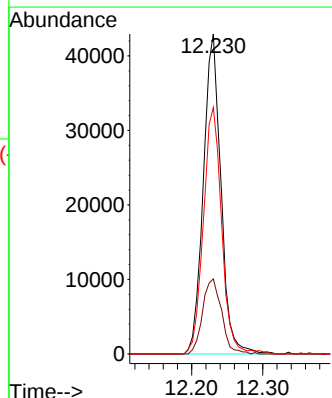
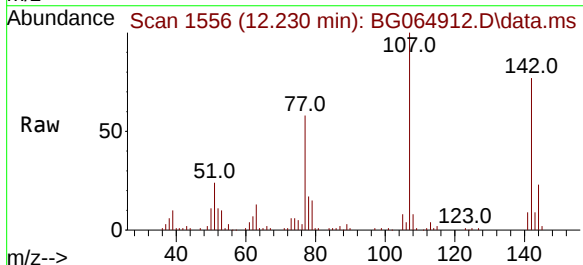
Instrument :
 BNA_G
 ClientSampleId :
 72-11966MSD

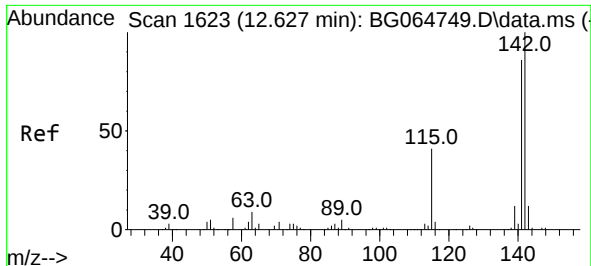
Tgt Ion:113 Resp: 11036
 Ion Ratio Lower Upper
 113 100
 55 229.8 263.7 303.7#
 56 197.6 184.0 224.0



#36
 4-Chloro-3-methylphenol
 Concen: 50.128 ng
 RT: 12.230 min Scan# 1556
 Delta R.T. -0.003 min
 Lab File: BG064912.D
 Acq: 9 Dec 2025 19:44

Tgt Ion:107 Resp: 73949
 Ion Ratio Lower Upper
 107 100
 144 23.5 21.7 32.5
 142 77.0 60.8 91.2

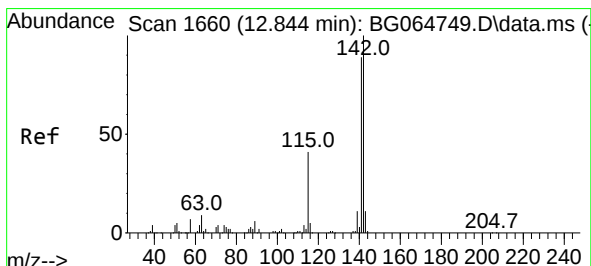
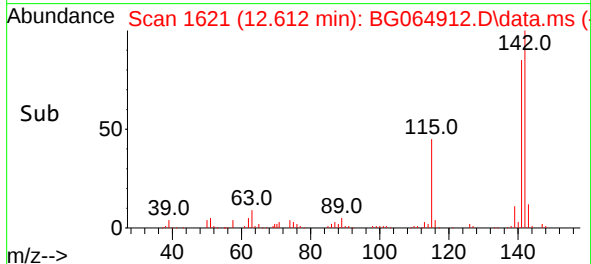
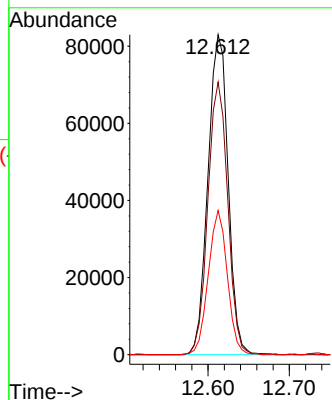
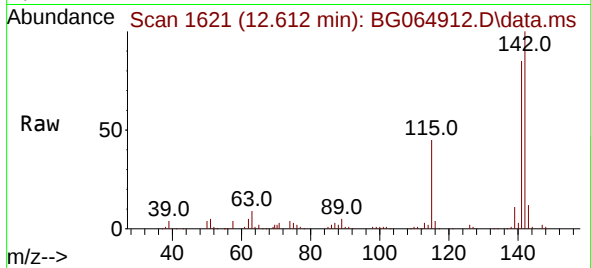




#37
2-Methylnaphthalene
Concen: 44.548 ng
RT: 12.612 min Scan# 1621
Delta R.T. -0.014 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

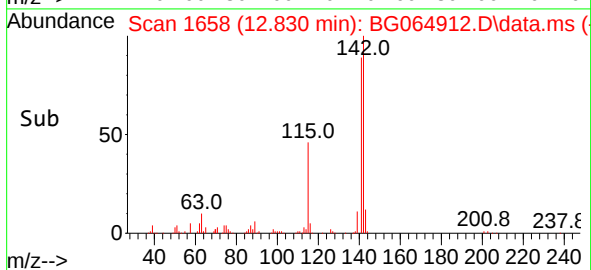
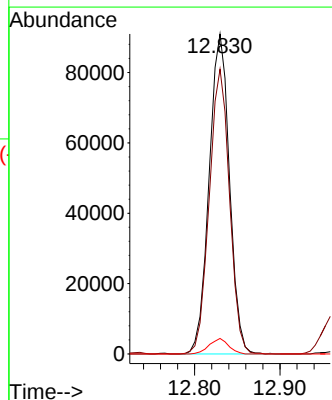
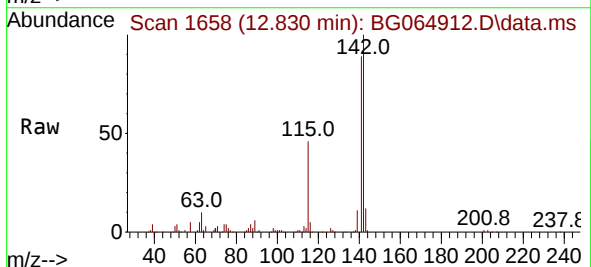
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

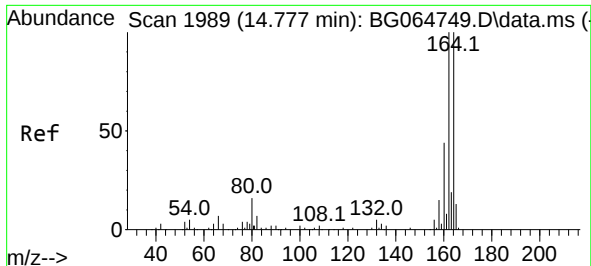
Tgt Ion:142 Resp: 142860
Ion Ratio Lower Upper
142 100
141 85.2 69.1 103.7
115 45.1 32.9 49.3



#38
1-Methylnaphthalene
Concen: 47.267 ng
RT: 12.830 min Scan# 1658
Delta R.T. -0.014 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

Tgt Ion:142 Resp: 150572
Ion Ratio Lower Upper
142 100
141 89.0 70.8 106.2
116 4.9 3.7 5.5

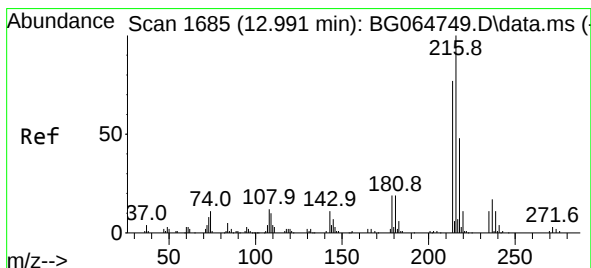
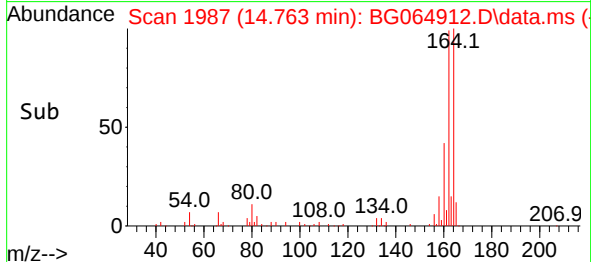
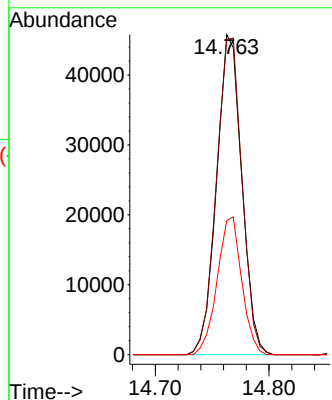
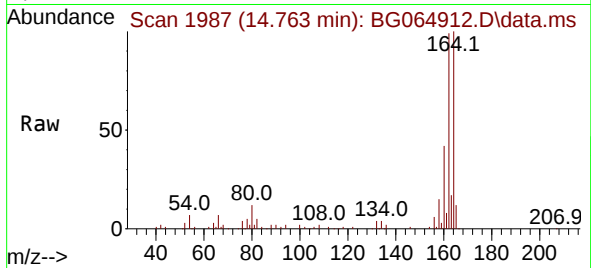




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.763 min Scan# 1989
Delta R.T. -0.014 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

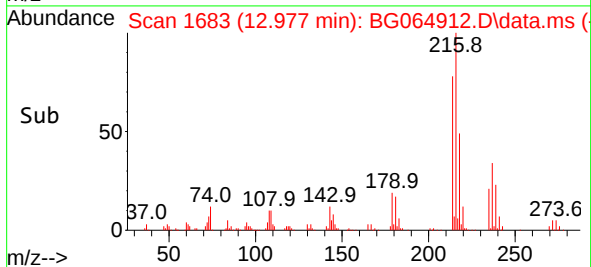
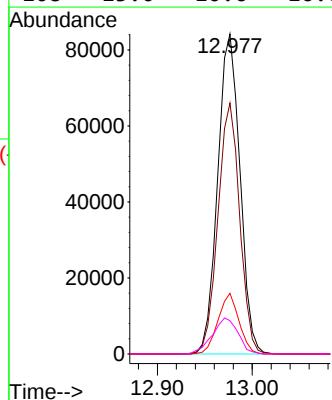
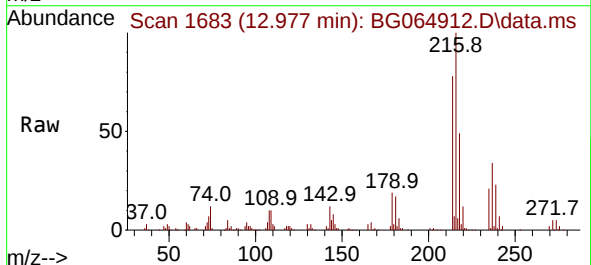
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

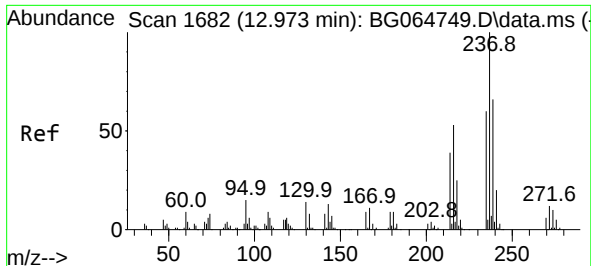
Tgt Ion:164 Resp: 70408
Ion Ratio Lower Upper
164 100
162 98.6 79.8 119.6
160 41.9 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.183 ng
RT: 12.977 min Scan# 1683
Delta R.T. -0.014 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

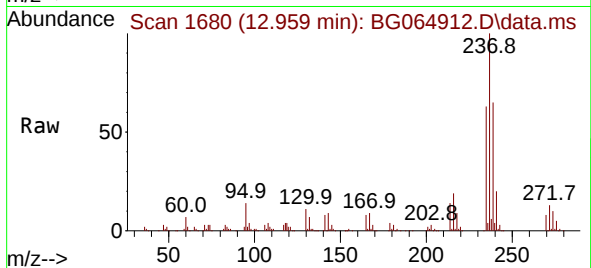
Tgt Ion:216 Resp: 137506
Ion Ratio Lower Upper
216 100
214 76.4 60.5 90.7
179 17.8 14.7 22.1
108 13.0 10.6 16.0



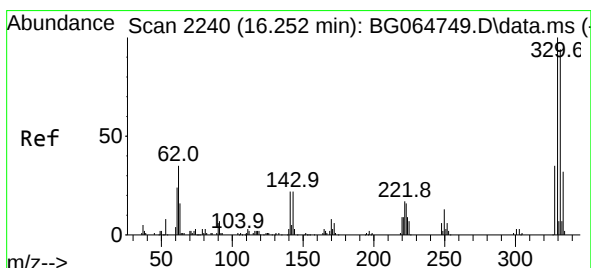
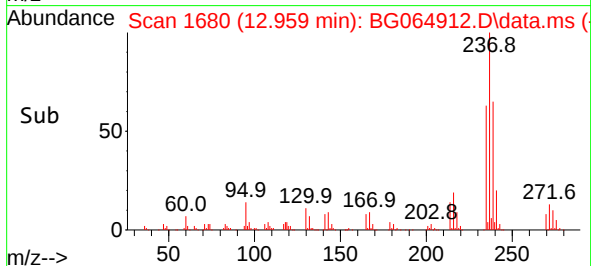
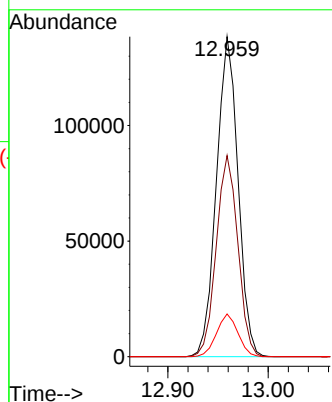


#41
Hexachlorocyclopentadiene
Concen: 105.231 ng
RT: 12.959 min Scan# 1
Delta R.T. -0.014 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

Instrument :
BNA_G
ClientSampleId :
72-11966MSD

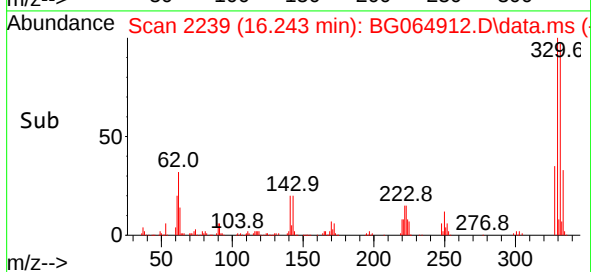
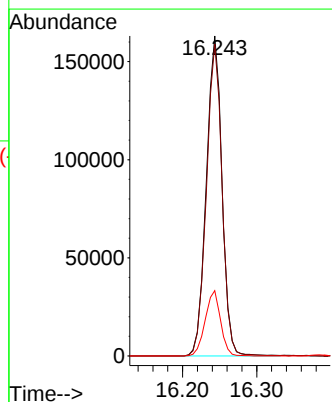
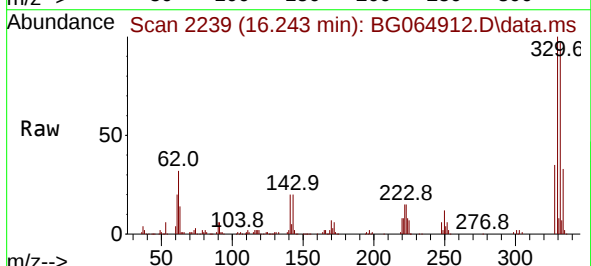


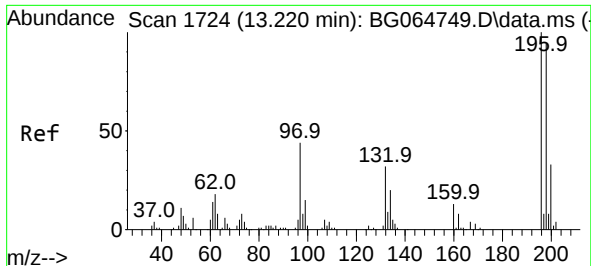
Tgt Ion:237 Resp: 206676
Ion Ratio Lower Upper
237 100
235 62.8 40.2 80.2
272 13.3 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 174.406 ng
RT: 16.243 min Scan# 2239
Delta R.T. -0.009 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

Tgt Ion:330 Resp: 239490
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 20.0 18.2 27.2

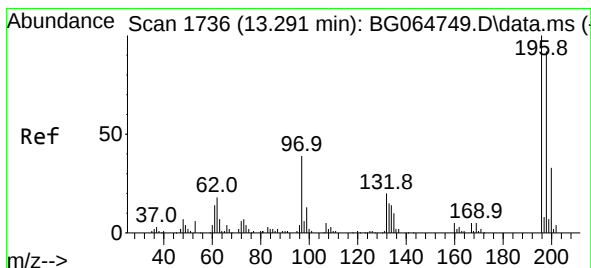
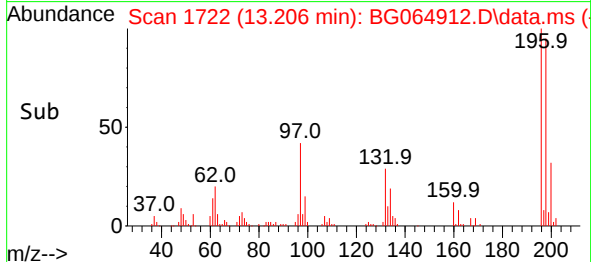
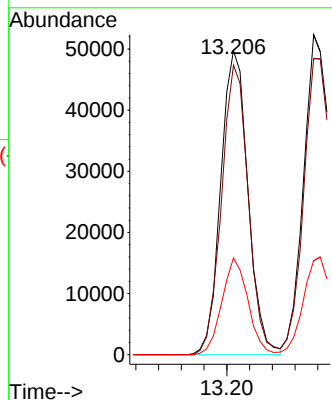
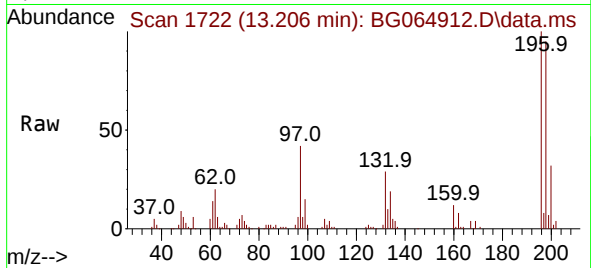




#43
 2,4,6-Trichlorophenol
 Concen: 51.352 ng
 RT: 13.206 min Scan# 1
 Delta R.T. -0.014 min
 Lab File: BG064912.D
 Acq: 9 Dec 2025 19:44

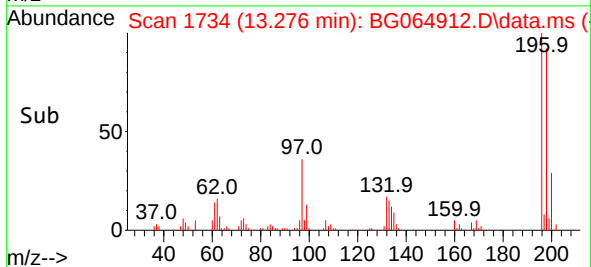
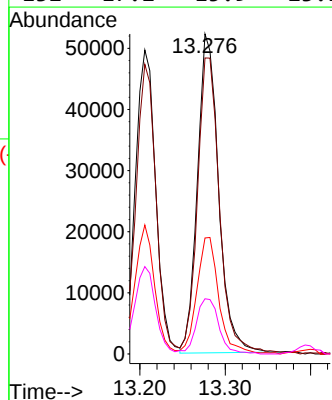
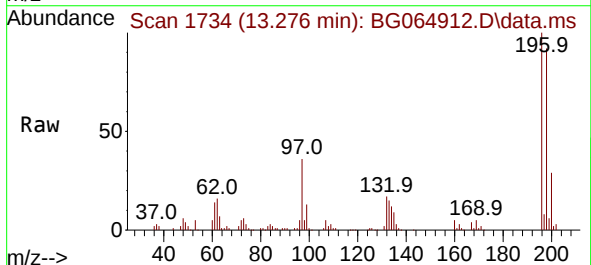
Instrument :
 BNA_G
 ClientSampleId :
 72-11966MSD

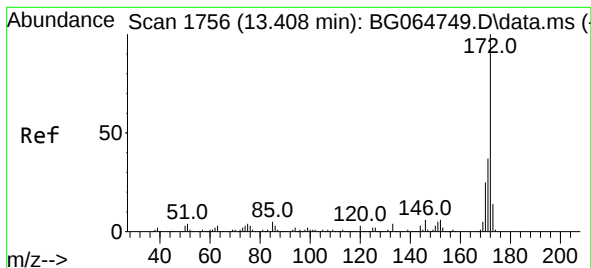
Tgt Ion:196 Resp: 82584
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.3 112.9
 200 31.9 26.2 39.2



#44
 2,4,5-Trichlorophenol
 Concen: 49.920 ng
 RT: 13.276 min Scan# 1734
 Delta R.T. -0.014 min
 Lab File: BG064912.D
 Acq: 9 Dec 2025 19:44

Tgt Ion:196 Resp: 90041
 Ion Ratio Lower Upper
 196 100
 198 92.5 73.2 109.8
 97 36.2 31.4 47.0
 132 17.2 15.9 23.9





#45

2-Fluorobiphenyl

Concen: 90.215 ng

RT: 13.394 min Scan# 1

Delta R.T. -0.014 min

Lab File: BG064912.D

Acq: 9 Dec 2025 19:44

Instrument :

BNA_G

ClientSampleId :

72-11966MSD

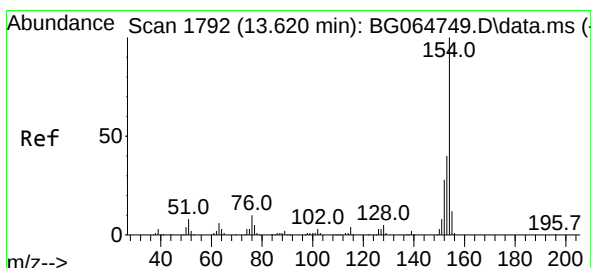
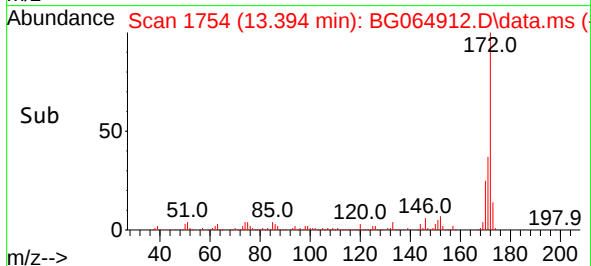
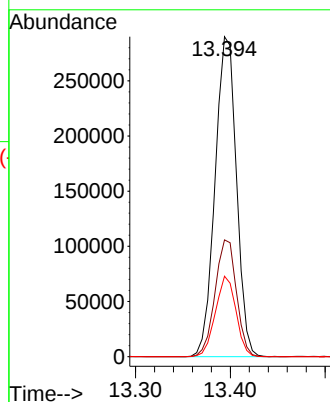
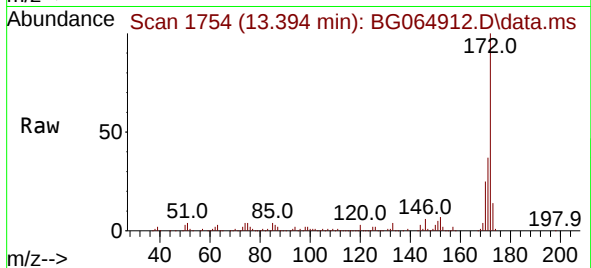
Tgt Ion:172 Resp: 455219

Ion Ratio Lower Upper

172 100

171 36.5 29.9 44.9

170 25.2 19.8 29.6



#46

1,1'-Biphenyl

Concen: 44.621 ng

RT: 13.605 min Scan# 1790

Delta R.T. -0.014 min

Lab File: BG064912.D

Acq: 9 Dec 2025 19:44

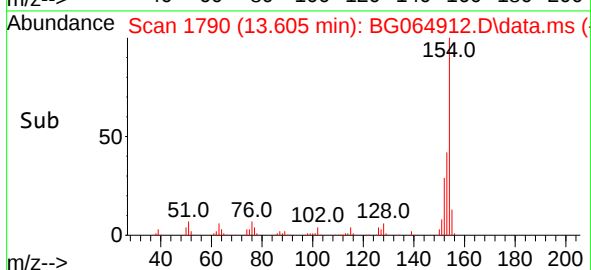
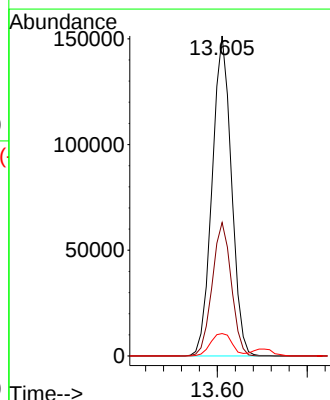
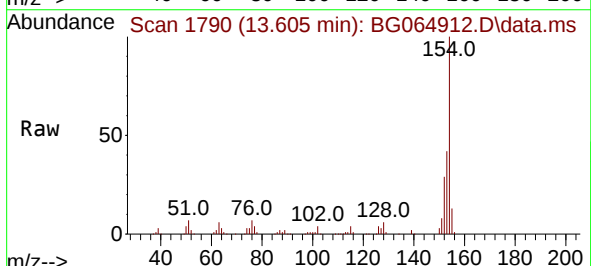
Tgt Ion:154 Resp: 225645

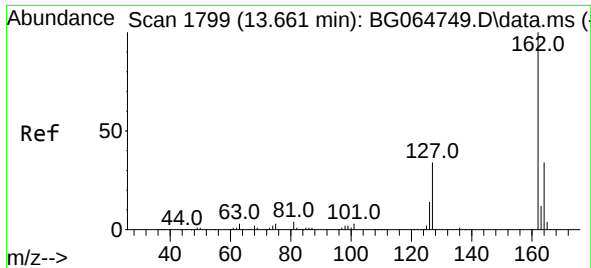
Ion Ratio Lower Upper

154 100

153 41.7 19.8 59.8

76 7.0 0.0 30.0

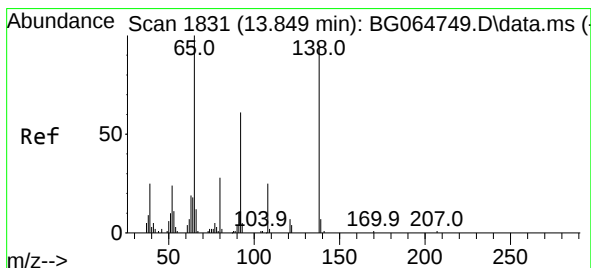
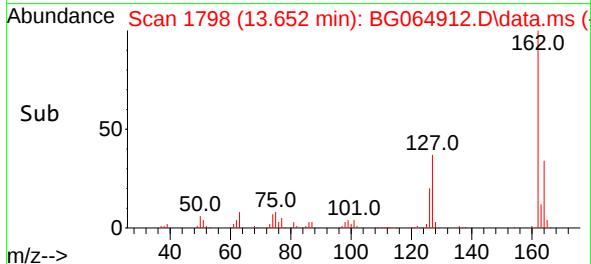
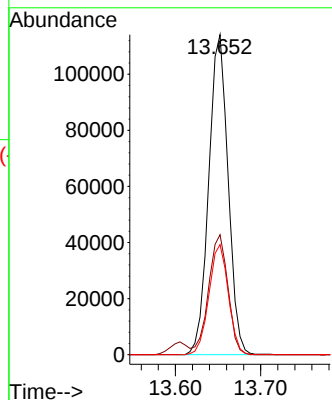
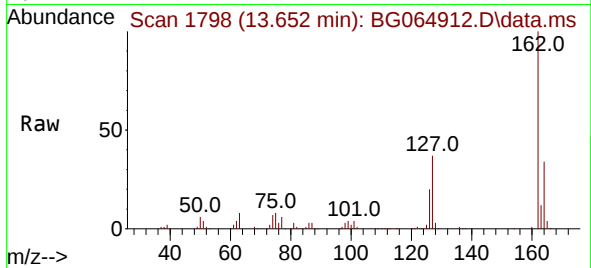




#47
2-Chloronaphthalene
Concen: 45.120 ng
RT: 13.652 min Scan# 1797
Delta R.T. -0.009 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

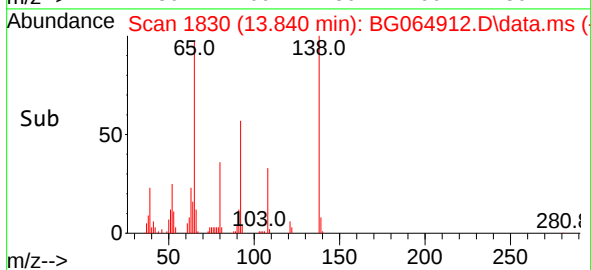
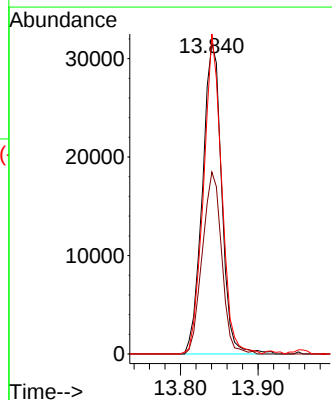
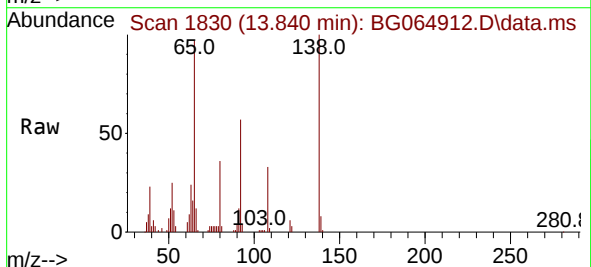
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

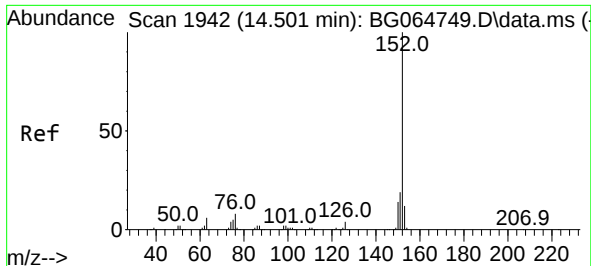
Tgt Ion:162 Resp: 179757
Ion Ratio Lower Upper
162 100
127 37.5 30.3 45.5
164 34.4 26.8 40.2



#48
2-Nitroaniline
Concen: 42.356 ng
RT: 13.840 min Scan# 1830
Delta R.T. -0.009 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

Tgt Ion: 65 Resp: 54276
Ion Ratio Lower Upper
65 100
92 58.6 48.6 73.0
138 103.1 76.4 114.6

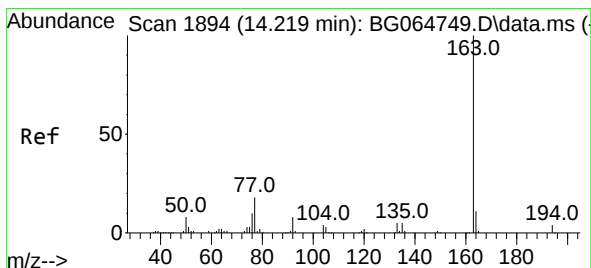
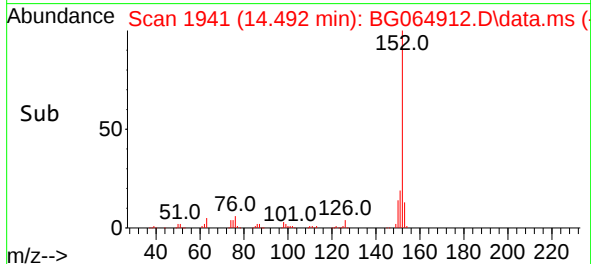
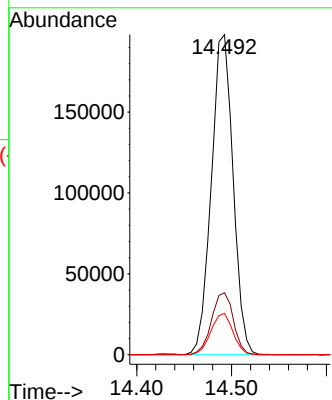
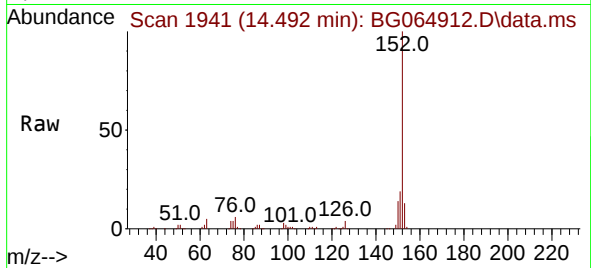




#49
Acenaphthylene
Concen: 46.333 ng
RT: 14.492 min Scan# 1942
Delta R.T. -0.009 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

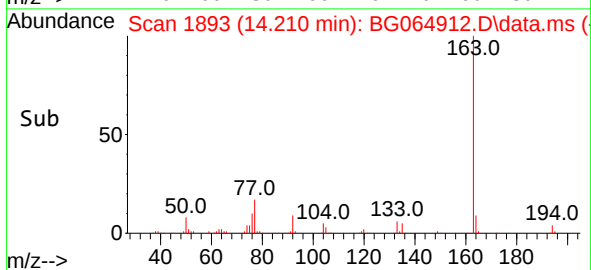
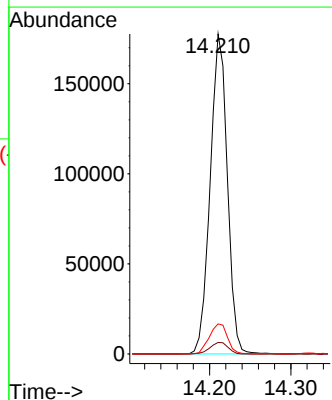
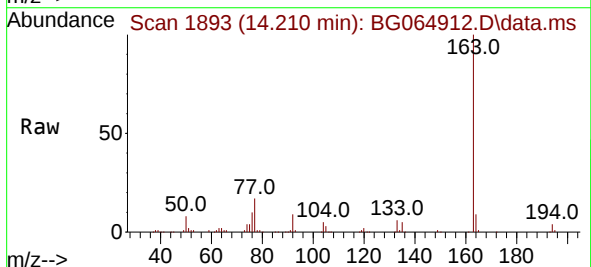
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

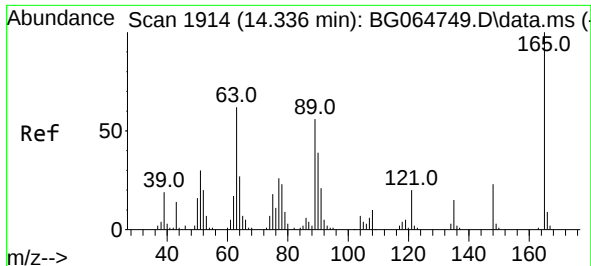
Tgt Ion:152 Resp: 315359
Ion Ratio Lower Upper
152 100
151 19.3 15.0 22.4
153 12.9 9.9 14.9



#50
Dimethylphthalate
Concen: 46.720 ng
RT: 14.210 min Scan# 1893
Delta R.T. -0.009 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

Tgt Ion:163 Resp: 259848
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 9.4 8.6 12.8





#51

2,6-Dinitrotoluene

Concen: 49.008 ng

RT: 14.328 min Scan# 1913

Delta R.T. -0.009 min

Lab File: BG064912.D

Acq: 9 Dec 2025 19:44

Instrument :

BNA_G

ClientSampleId :

72-11966MSD

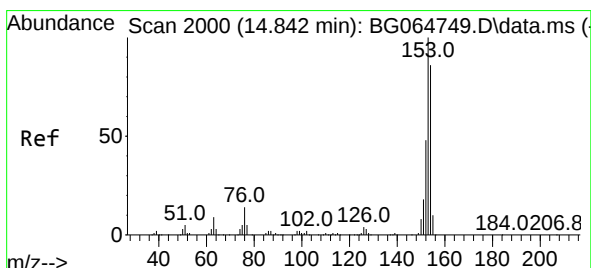
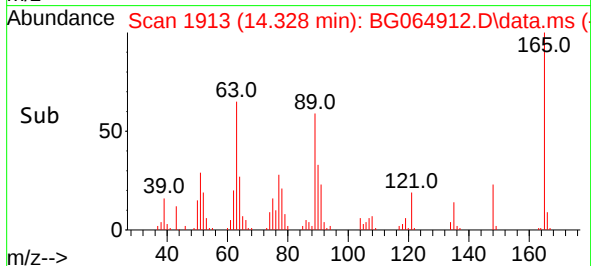
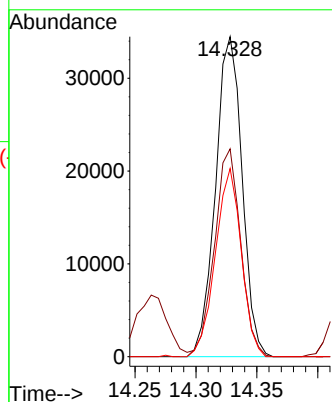
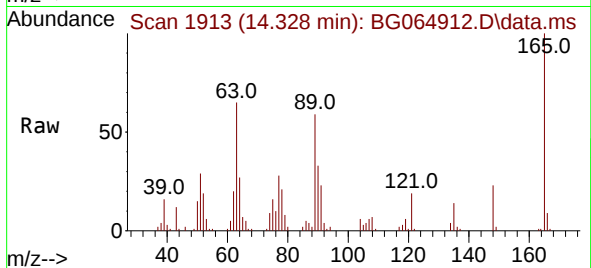
Tgt Ion:165 Resp: 52449

Ion Ratio Lower Upper

165 100

63 65.0 49.8 74.8

89 58.8 45.0 67.4



#52

Acenaphthene

Concen: 55.126 ng

RT: 14.827 min Scan# 1998

Delta R.T. -0.014 min

Lab File: BG064912.D

Acq: 9 Dec 2025 19:44

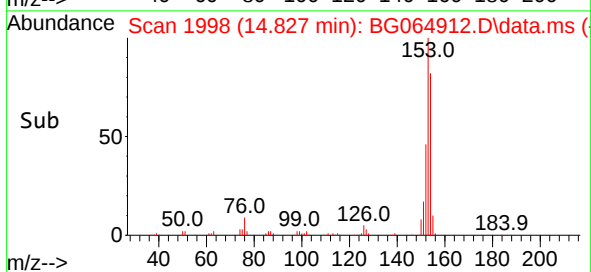
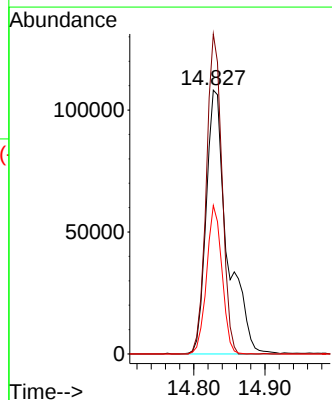
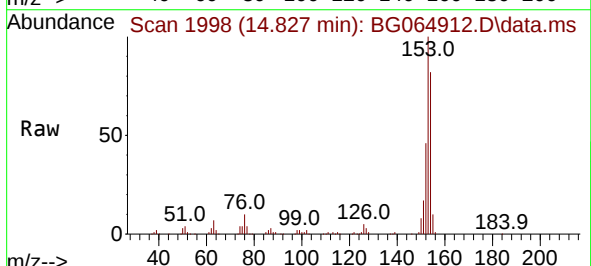
Tgt Ion:154 Resp: 224968

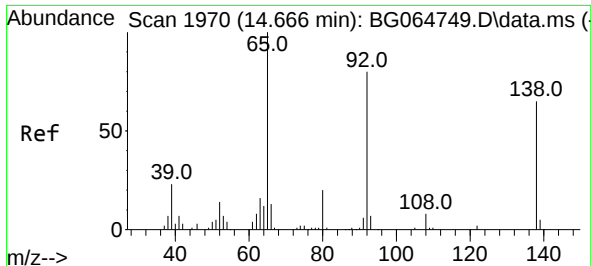
Ion Ratio Lower Upper

154 100

153 121.3 93.0 139.4

152 56.2 44.4 66.6

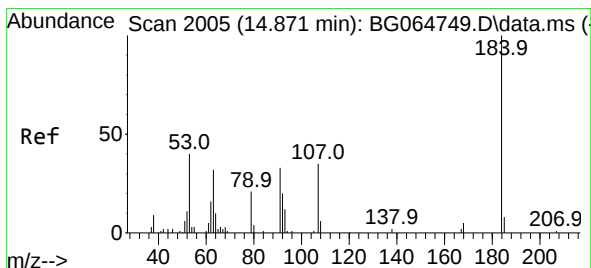
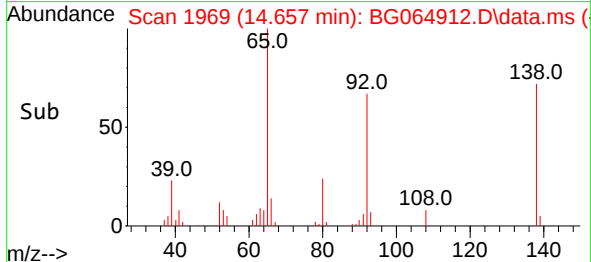
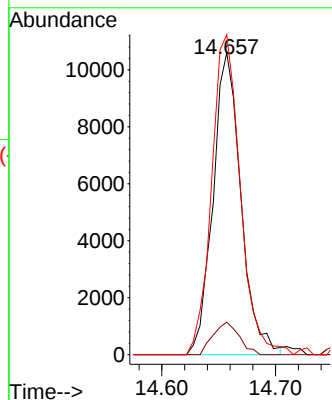
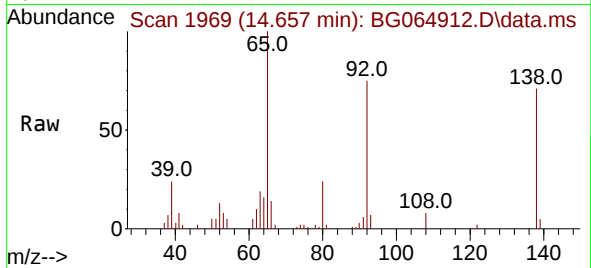




#53
3-Nitroaniline
Concen: 17.145 ng
RT: 14.657 min Scan# 1970
Delta R.T. -0.009 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

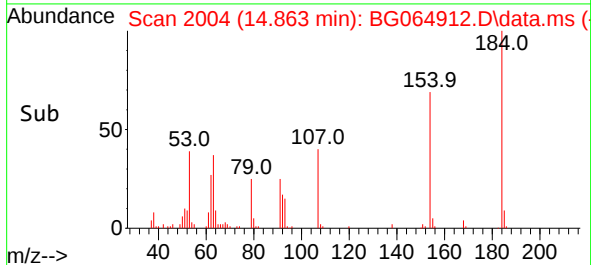
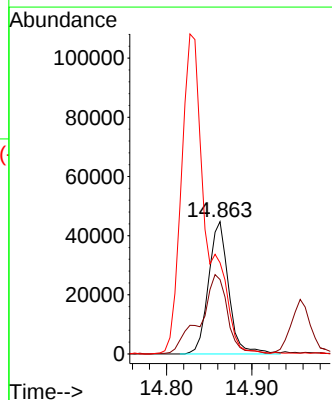
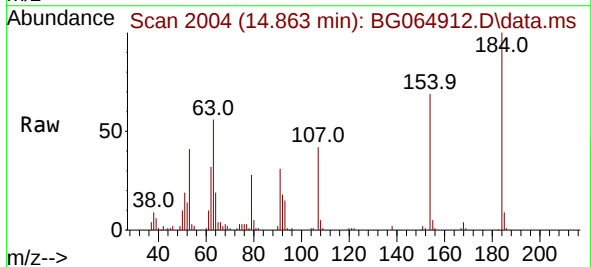
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

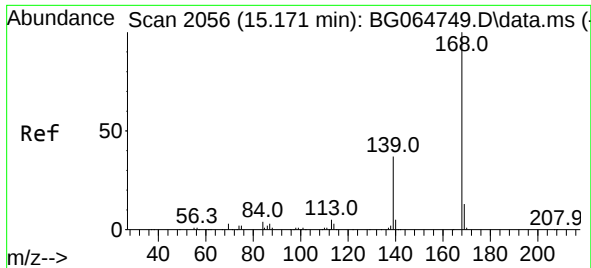
Tgt Ion:138 Resp: 18110
Ion Ratio Lower Upper
138 100
108 10.8 9.5 14.3
92 106.0 99.0 148.4



#54
2,4-Dinitrophenol
Concen: 97.919 ng
RT: 14.863 min Scan# 2004
Delta R.T. -0.008 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

Tgt Ion:184 Resp: 73364
Ion Ratio Lower Upper
184 100
63 56.2 45.8 68.6
154 68.9 52.6 78.8

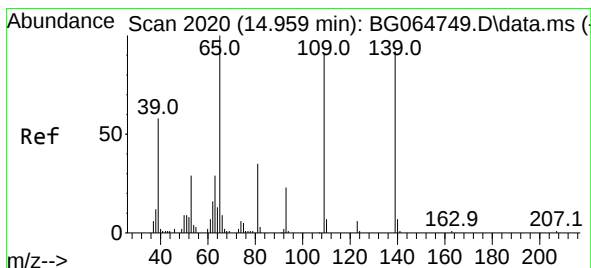
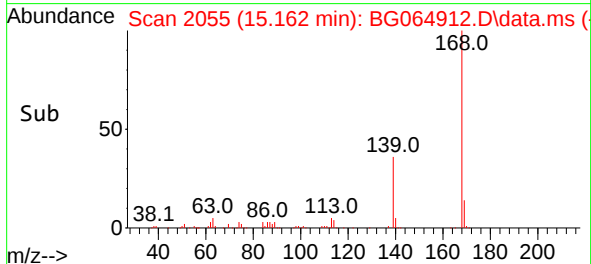
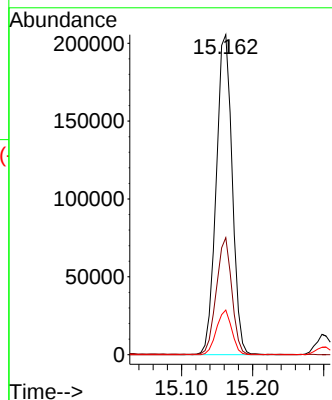
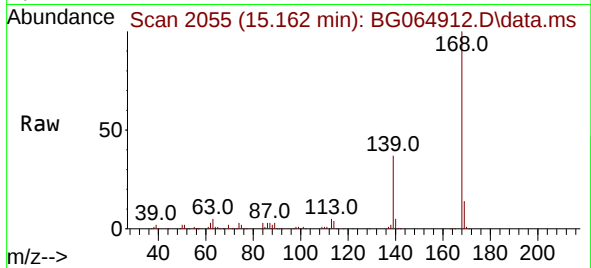




#55
Dibenzofuran
Concen: 47.339 ng
RT: 15.162 min Scan# 2055
Delta R.T. -0.009 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

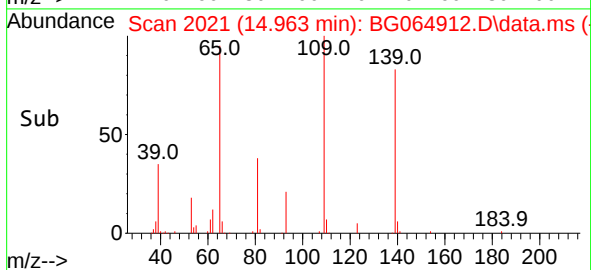
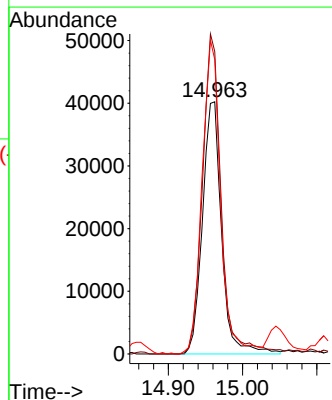
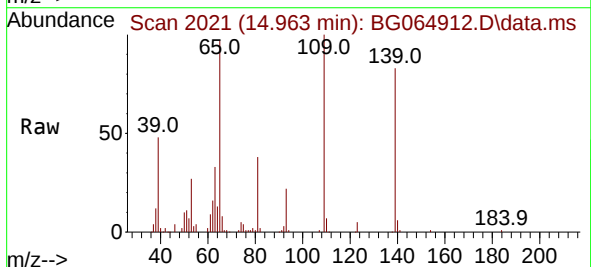
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

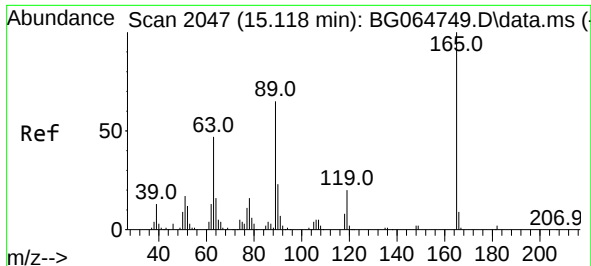
Tgt Ion:168 Resp: 319384
Ion Ratio Lower Upper
168 100
139 36.6 29.5 44.3
169 14.0 10.4 15.6



#56
4-Nitrophenol
Concen: 86.193 ng
RT: 14.963 min Scan# 2021
Delta R.T. 0.003 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

Tgt Ion:139 Resp: 72235
Ion Ratio Lower Upper
139 100
109 119.9 79.7 119.7#
65 116.7 89.9 129.9





#57

2,4-Dinitrotoluene

Concen: 49.711 ng

RT: 15.109 min Scan# 2046

Delta R.T. -0.009 min

Lab File: BG064912.D

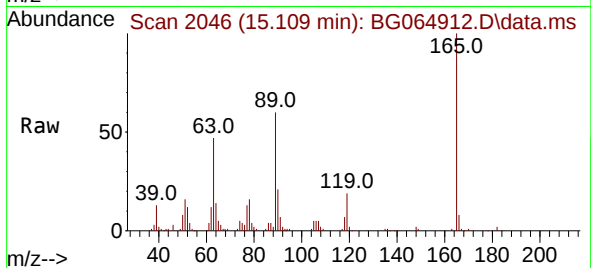
Acq: 9 Dec 2025 19:44

Instrument :

BNA_G

ClientSampleId :

72-11966MSD



Tgt Ion:165 Resp: 79760

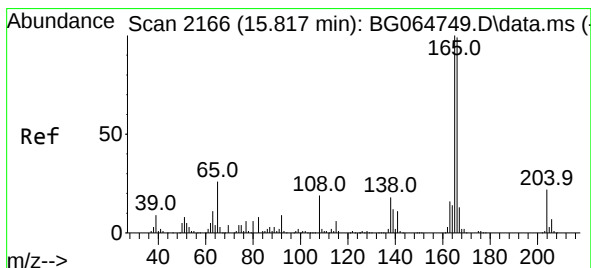
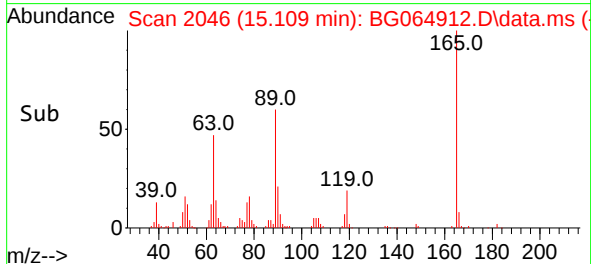
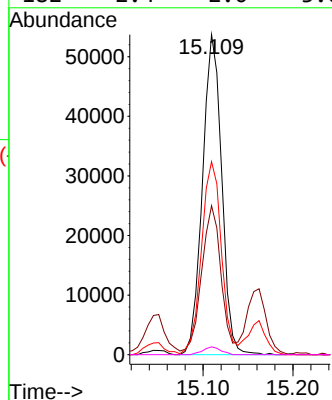
Ion Ratio Lower Upper

165 100

63 46.6 37.8 56.6

89 60.3 51.6 77.4

182 2.4 2.0 3.0



#58

Fluorene

Concen: 47.377 ng

RT: 15.803 min Scan# 2164

Delta R.T. -0.014 min

Lab File: BG064912.D

Acq: 9 Dec 2025 19:44

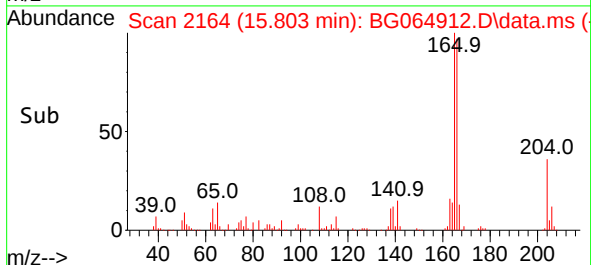
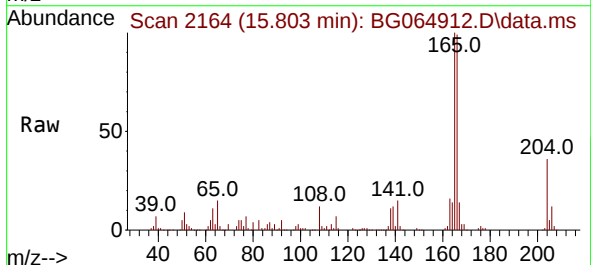
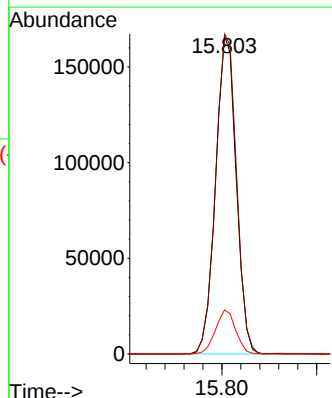
Tgt Ion:166 Resp: 250697

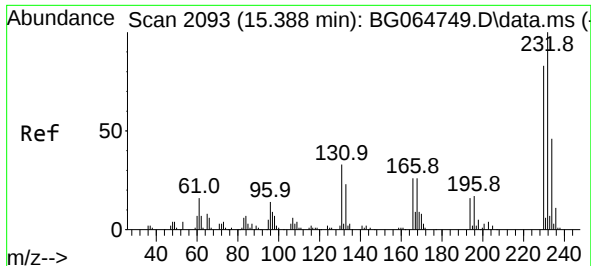
Ion Ratio Lower Upper

166 100

165 100.6 80.5 120.7

167 13.8 10.3 15.5

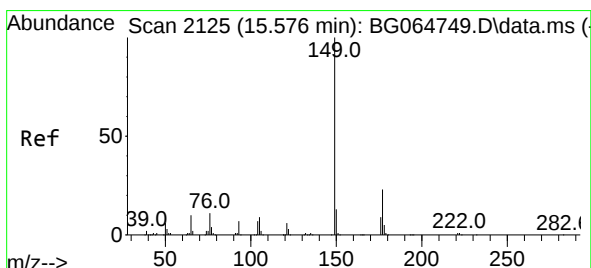
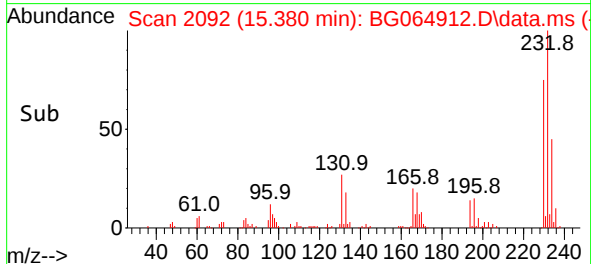
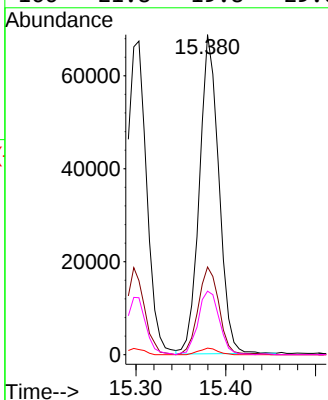
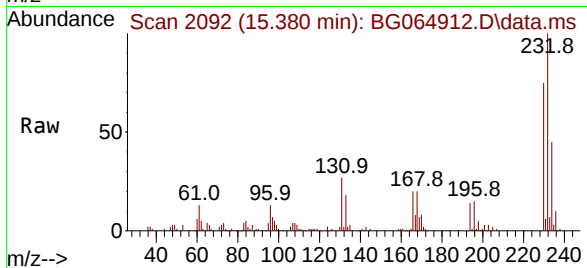




#59
2,3,4,6-Tetrachlorophenol
Concen: 57.875 ng
RT: 15.380 min Scan# 2093
Delta R.T. -0.009 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

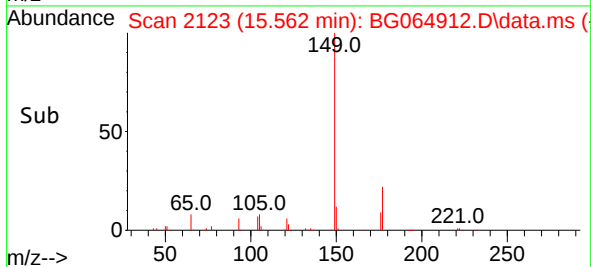
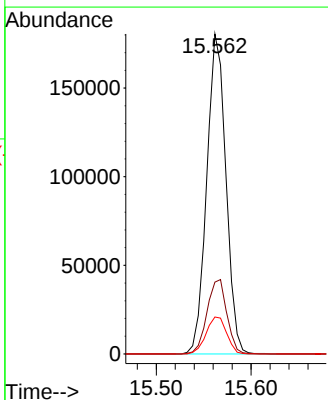
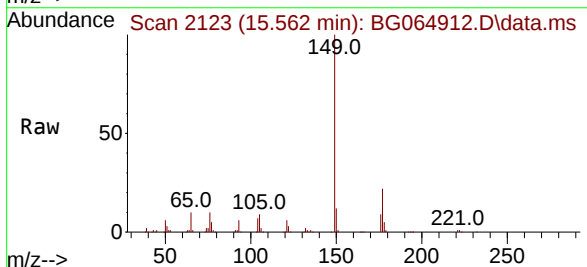
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

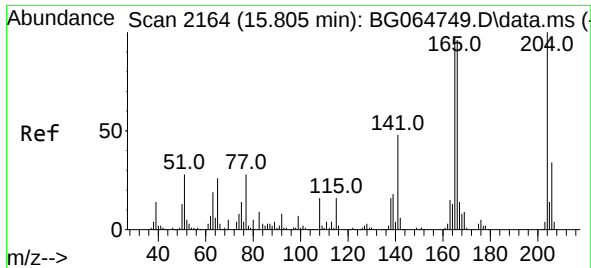
Tgt Ion:232 Resp: 102996
Ion Ratio Lower Upper
232 100
131 29.5 26.0 39.0
130 2.0 1.6 2.4
166 21.8 19.8 29.6



#60
Diethylphthalate
Concen: 47.559 ng
RT: 15.562 min Scan# 2123
Delta R.T. -0.014 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

Tgt Ion:149 Resp: 253393
Ion Ratio Lower Upper
149 100
177 22.5 18.4 27.6
150 11.6 10.1 15.1

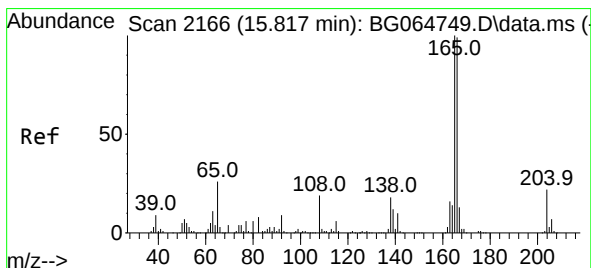
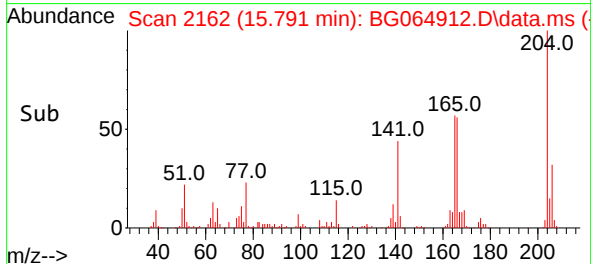
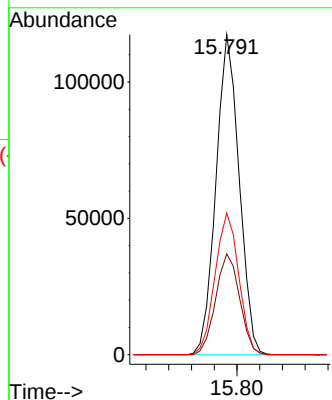
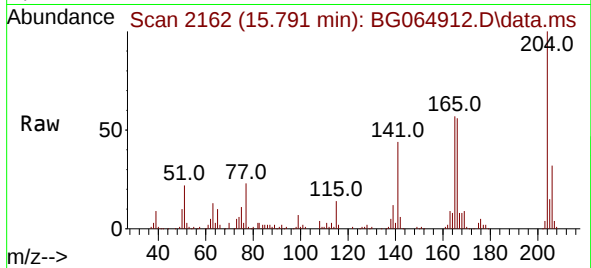




#61
4-Chlorophenyl-phenylether
Concen: 52.310 ng
RT: 15.791 min Scan# 2162
Delta R.T. -0.014 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

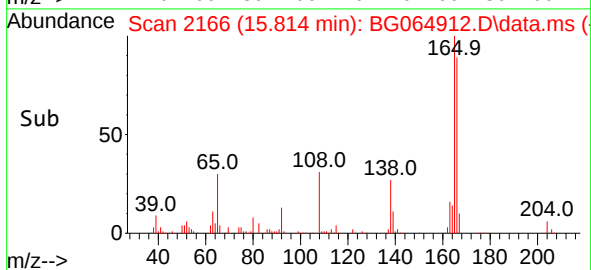
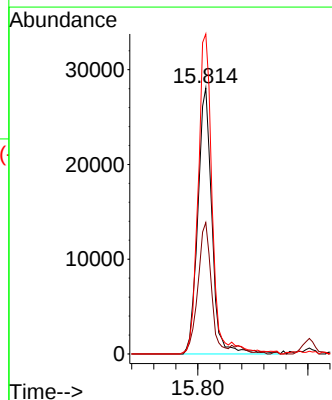
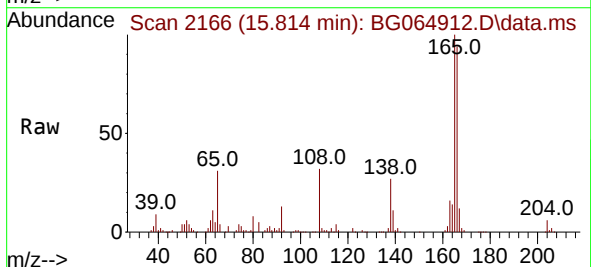
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

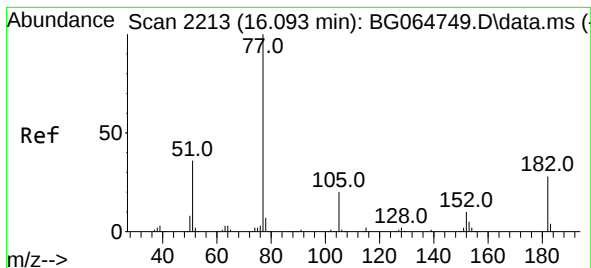
Tgt Ion:204 Resp: 166117
Ion Ratio Lower Upper
204 100
206 31.5 26.9 40.3
141 44.2 38.1 57.1



#62
4-Nitroaniline
Concen: 45.819 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

Tgt Ion:138 Resp: 50139
Ion Ratio Lower Upper
138 100
92 49.4 30.7 70.7
108 120.3 85.7 125.7





#63

Azobenzene

Concen: 42.189 ng

RT: 16.085 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG064912.D

Acq: 9 Dec 2025 19:44

Instrument :

BNA_G

ClientSampleId :

72-11966MSD

Tgt Ion: 77 Resp: 186962

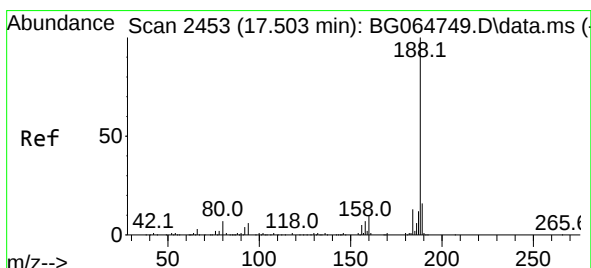
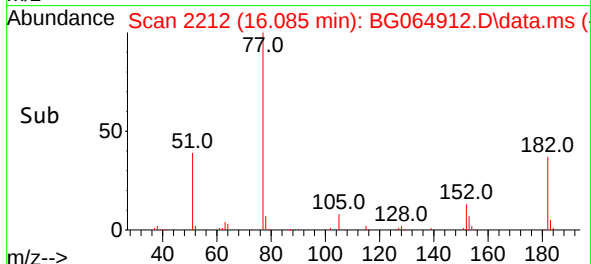
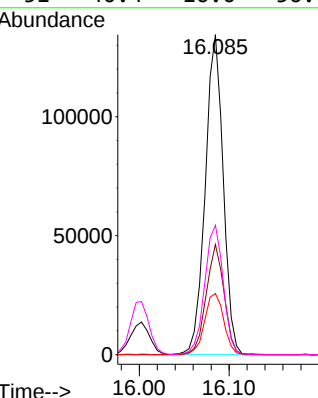
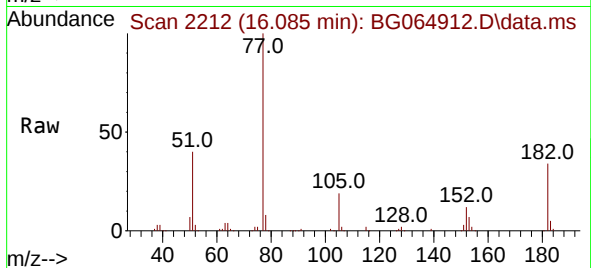
Ion Ratio Lower Upper

77 100

182 34.4 8.1 48.1

105 19.1 0.1 40.1

51 40.4 16.0 56.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.495 min Scan# 2452

Delta R.T. -0.009 min

Lab File: BG064912.D

Acq: 9 Dec 2025 19:44

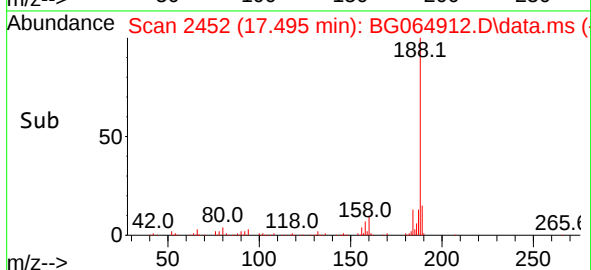
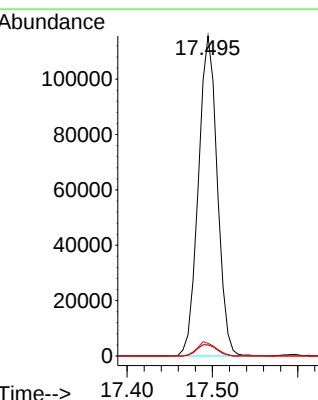
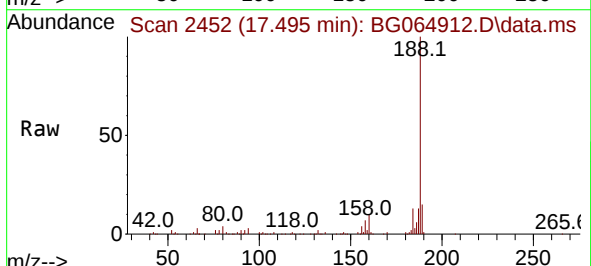
Tgt Ion:188 Resp: 177964

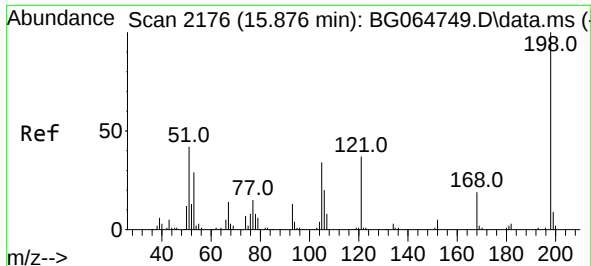
Ion Ratio Lower Upper

188 100

94 3.4 4.7 7.1#

80 3.9 5.4 8.2#

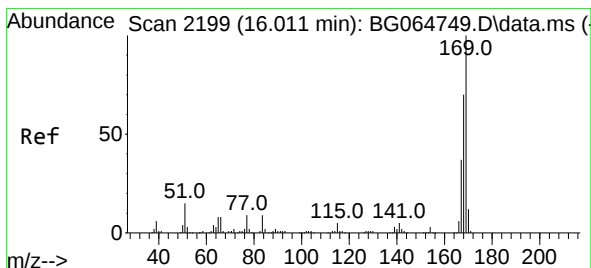
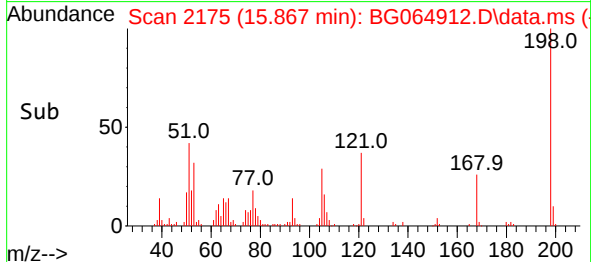
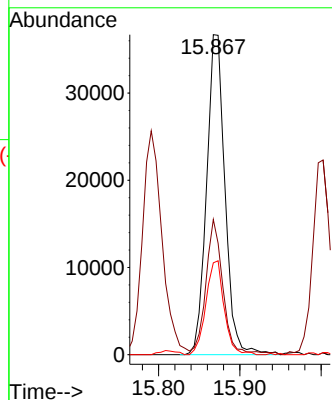
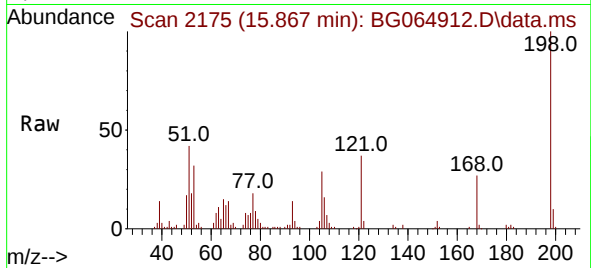




#65
4,6-Dinitro-2-methylphenol
Concen: 58.375 ng
RT: 15.867 min Scan# 2175
Delta R.T. -0.009 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

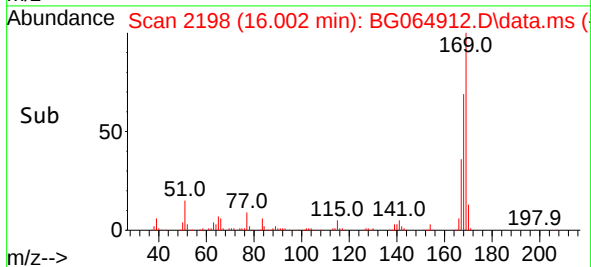
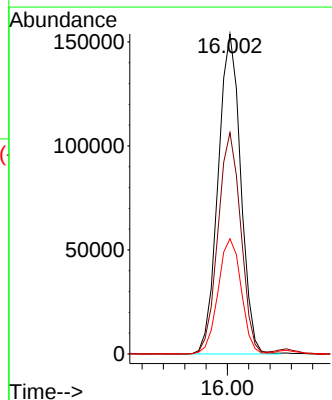
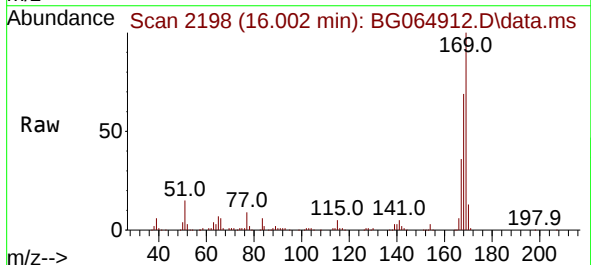
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

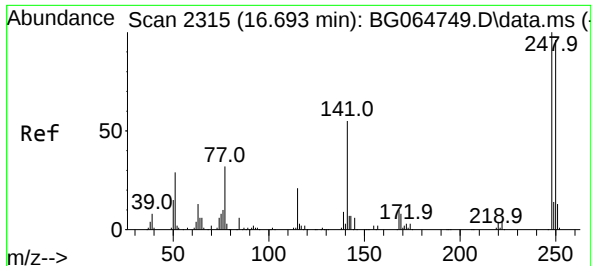
Tgt Ion:198 Resp: 57680
Ion Ratio Lower Upper
198 100
51 42.3 25.2 65.2
105 28.7 14.2 54.2



#66
n-Nitrosodiphenylamine
Concen: 48.496 ng
RT: 16.002 min Scan# 2198
Delta R.T. -0.009 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

Tgt Ion:169 Resp: 226064
Ion Ratio Lower Upper
169 100
168 69.2 55.9 83.9
167 36.0 29.8 44.6

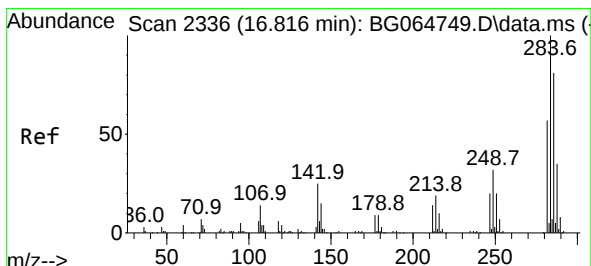
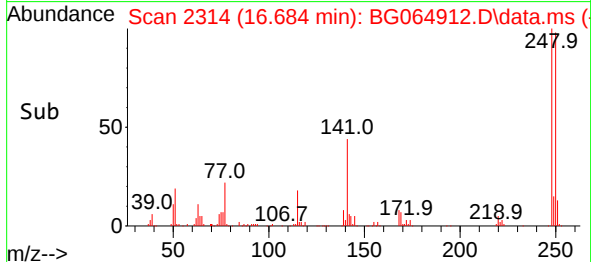
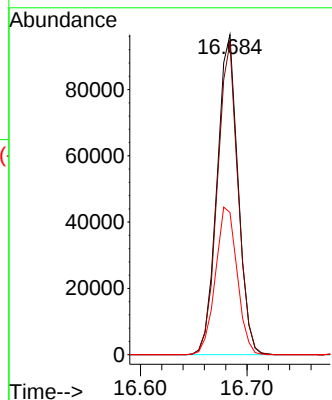
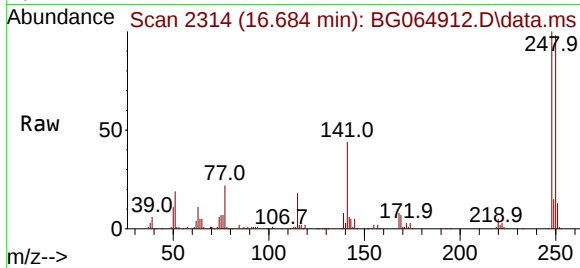




#67
4-Bromophenyl-phenylether
Concen: 56.218 ng
RT: 16.684 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

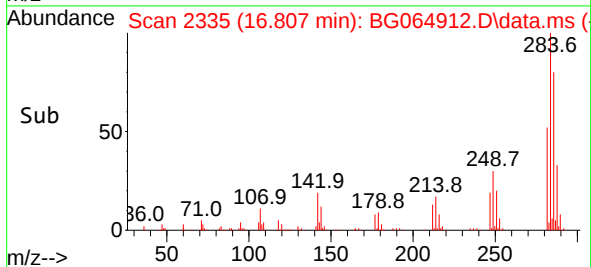
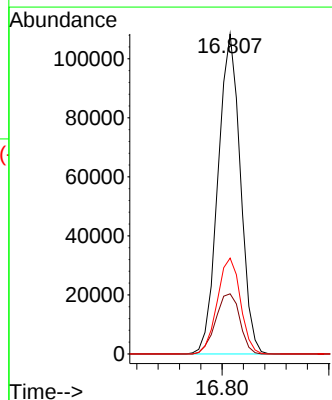
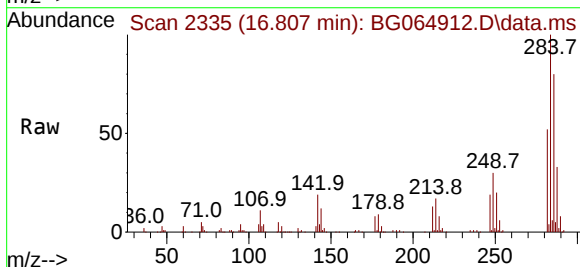
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

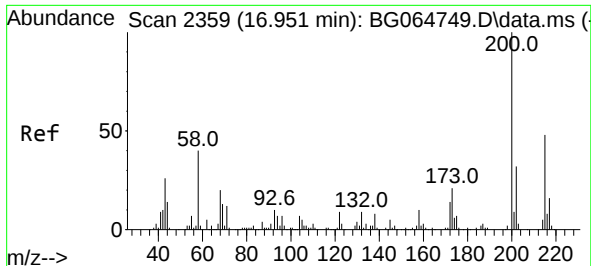
Tgt Ion:248 Resp: 131385
Ion Ratio Lower Upper
248 100
250 97.5 77.0 115.6
141 44.5 43.7 65.5



#68
Hexachlorobenzene
Concen: 55.619 ng
RT: 16.807 min Scan# 2335
Delta R.T. -0.009 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

Tgt Ion:284 Resp: 157484
Ion Ratio Lower Upper
284 100
142 18.8 19.7 29.5#
249 29.9 28.1 42.1

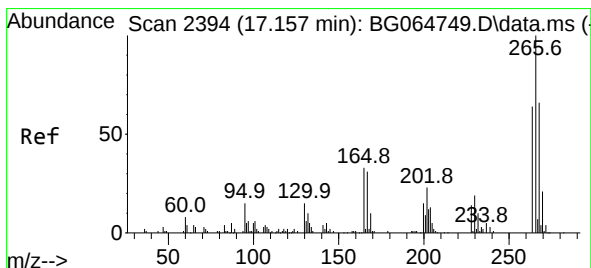
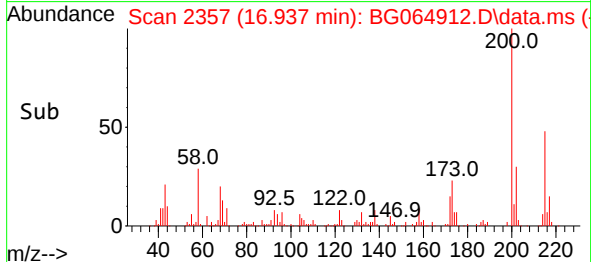
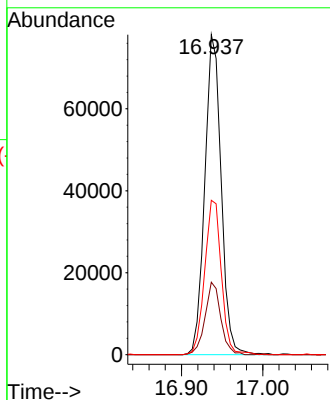
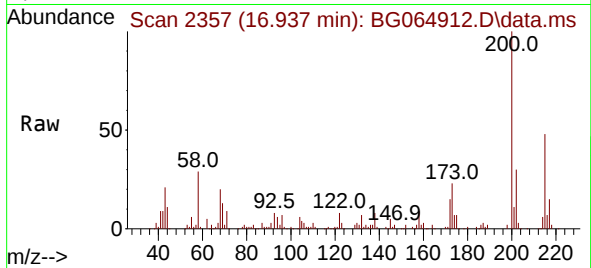




#69
 Atrazine
 Concen: 48.489 ng
 RT: 16.937 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BG064912.D
 Acq: 9 Dec 2025 19:44

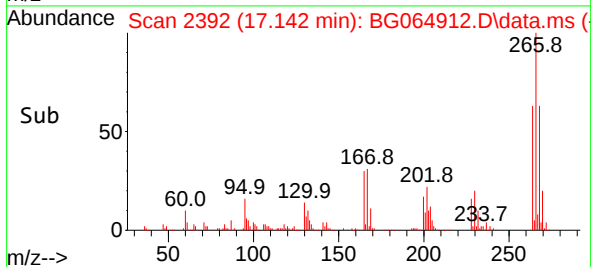
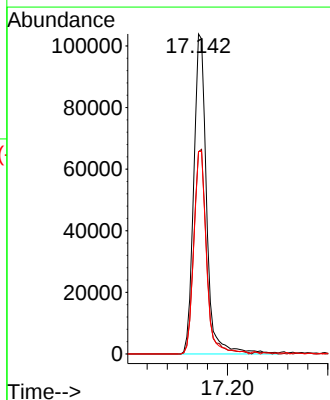
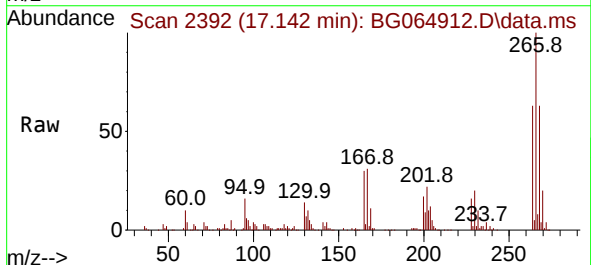
Instrument :
 BNA_G
 ClientSampleId :
 72-11966MSD

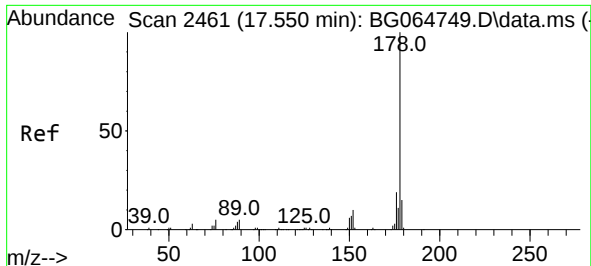
Tgt Ion:200 Resp: 108977
 Ion Ratio Lower Upper
 200 100
 173 22.7 0.9 40.9
 215 48.2 27.5 67.5



#70
 Pentachlorophenol
 Concen: 107.779 ng
 RT: 17.142 min Scan# 2392
 Delta R.T. -0.015 min
 Lab File: BG064912.D
 Acq: 9 Dec 2025 19:44

Tgt Ion:266 Resp: 184463
 Ion Ratio Lower Upper
 266 100
 268 63.2 56.1 84.1
 264 63.3 51.2 76.8

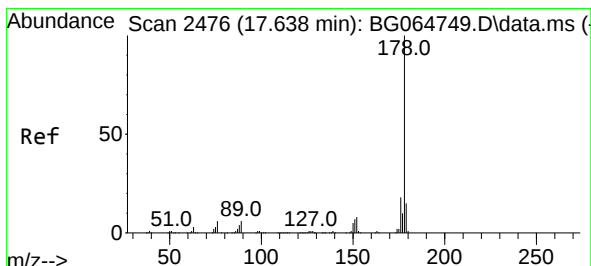
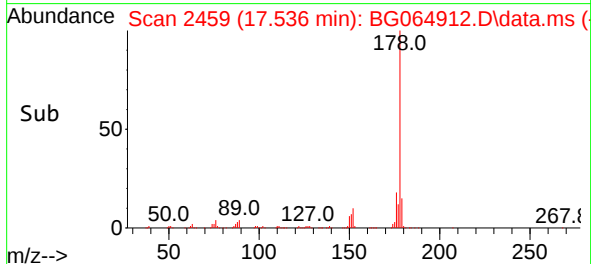
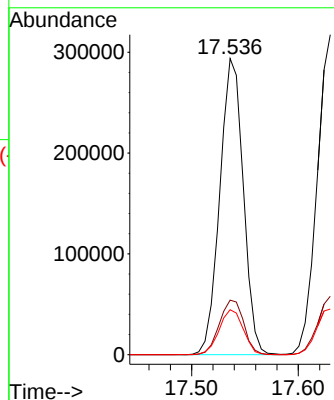
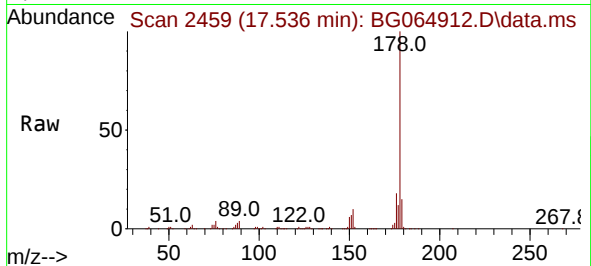




#71
Phenanthrene
Concen: 46.163 ng
RT: 17.536 min Scan# 2461
Delta R.T. -0.014 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

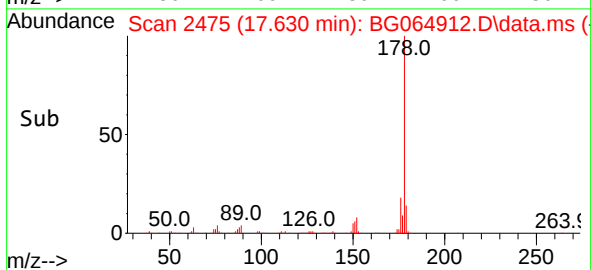
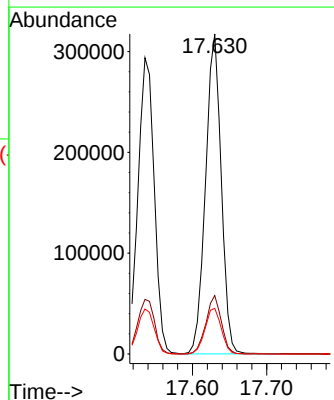
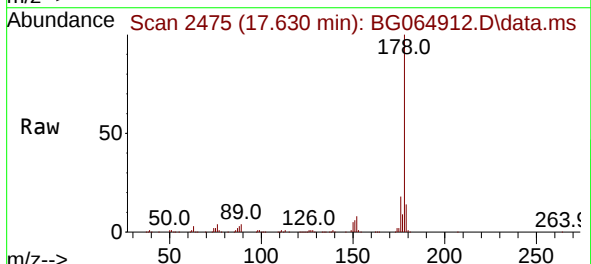
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

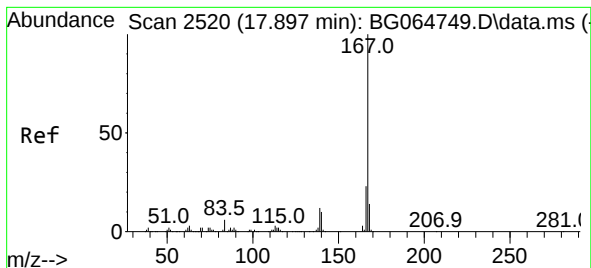
Tgt Ion:178 Resp: 449494
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.2 12.2 18.4



#72
Anthracene
Concen: 46.904 ng
RT: 17.630 min Scan# 2475
Delta R.T. -0.009 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

Tgt Ion:178 Resp: 465690
Ion Ratio Lower Upper
178 100
176 18.3 14.5 21.7
179 14.3 12.2 18.4





#73

Carbazole

Concen: 44.012 ng

RT: 17.889 min Scan# 2519

Delta R.T. -0.009 min

Lab File: BG064912.D

Acq: 9 Dec 2025 19:44

Instrument :

BNA_G

ClientSampleId :

72-11966MSD

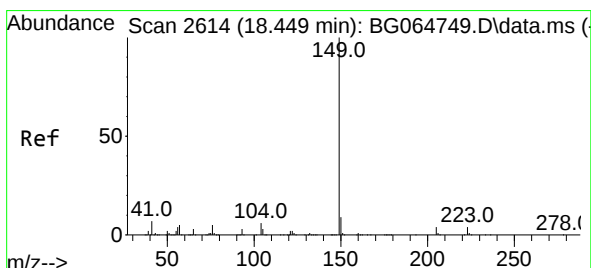
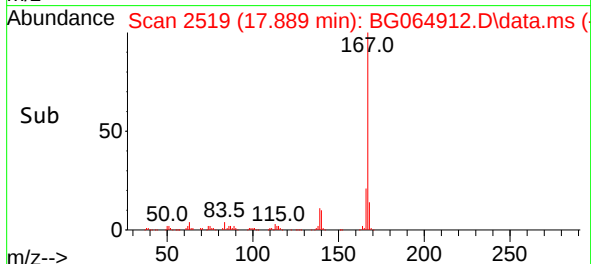
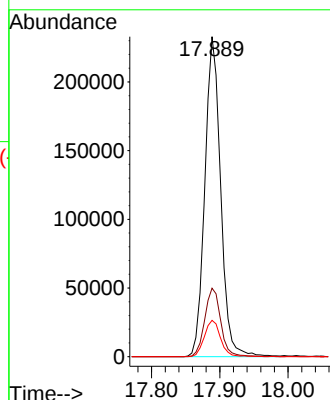
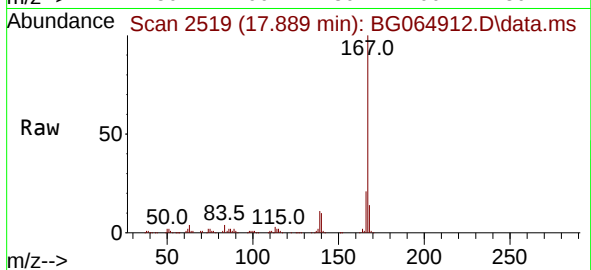
Tgt Ion:167 Resp: 375652

Ion Ratio Lower Upper

167 100

166 21.4 18.0 27.0

139 11.4 9.7 14.5



#74

Di-n-butylphthalate

Concen: 44.380 ng

RT: 18.441 min Scan# 2613

Delta R.T. -0.009 min

Lab File: BG064912.D

Acq: 9 Dec 2025 19:44

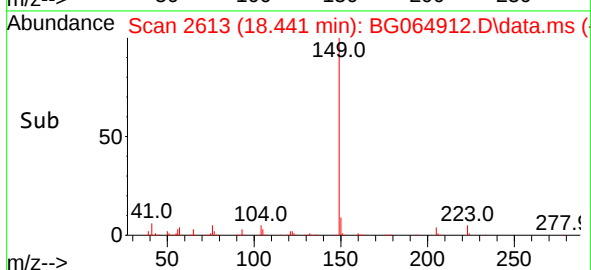
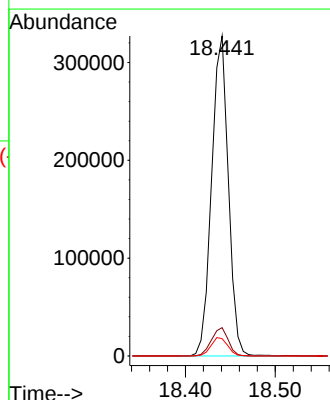
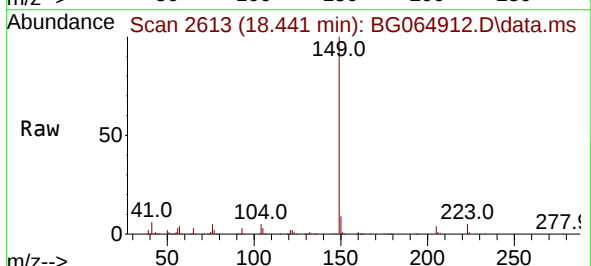
Tgt Ion:149 Resp: 422605

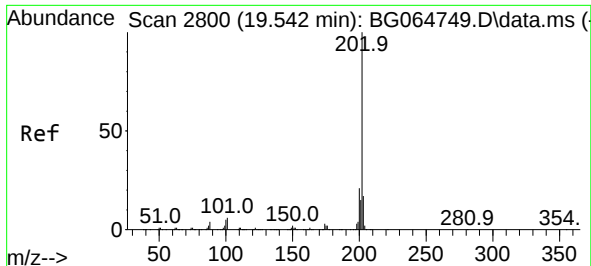
Ion Ratio Lower Upper

149 100

150 8.8 7.5 11.3

104 5.4 4.4 6.6

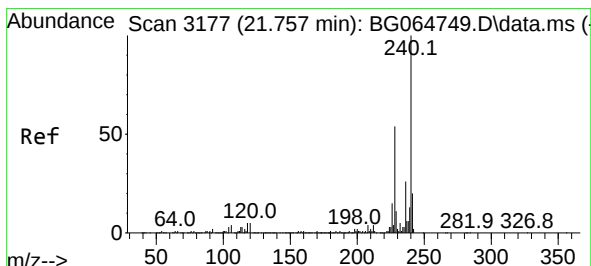
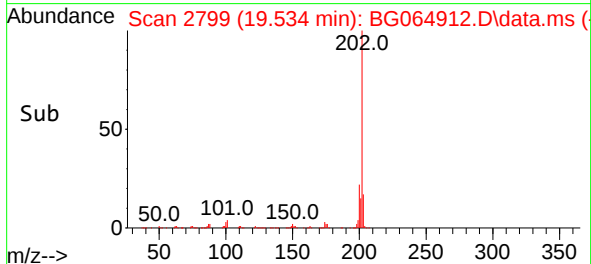
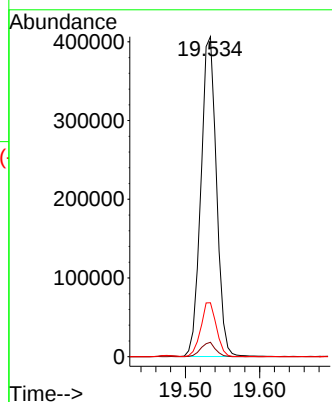
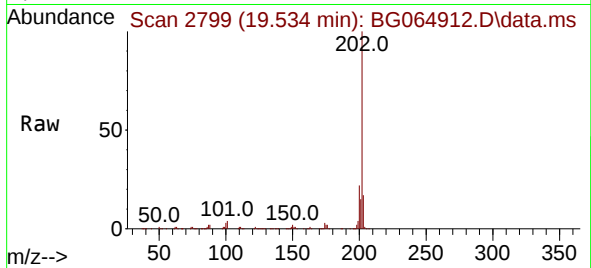




#75
Fluoranthene
Concen: 44.541 ng
RT: 19.534 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

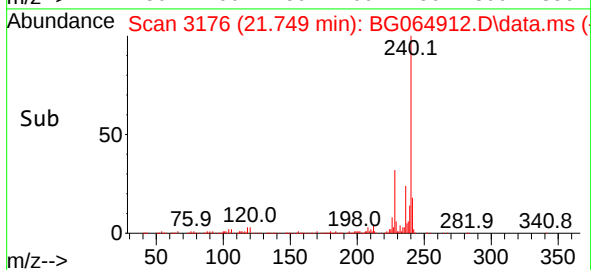
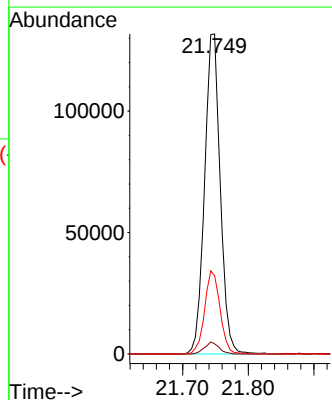
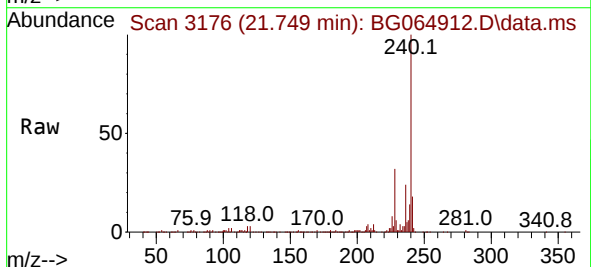
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

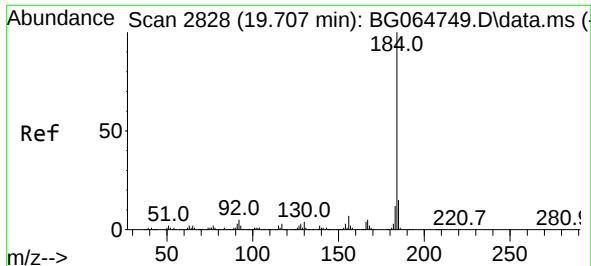
Tgt Ion:202 Resp: 593051
Ion Ratio Lower Upper
202 100
101 4.5 0.0 26.4
203 16.9 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.749 min Scan# 3176
Delta R.T. -0.009 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

Tgt Ion:240 Resp: 219345
Ion Ratio Lower Upper
240 100
120 3.2 4.2 6.4#
236 24.4 20.8 31.2

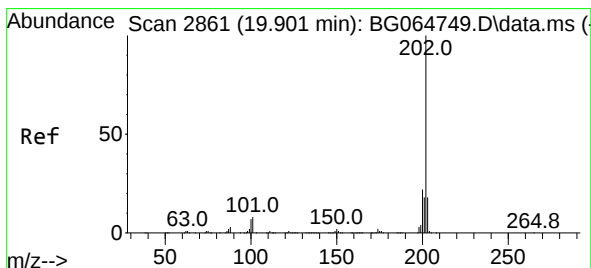
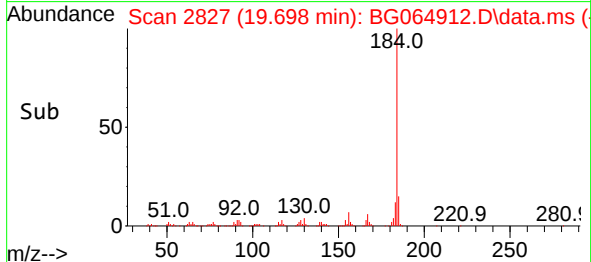
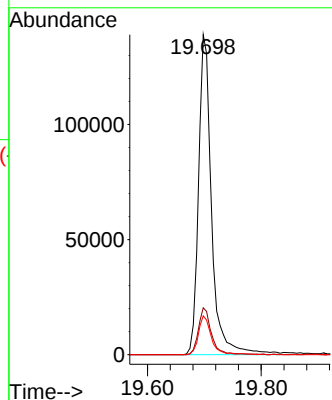
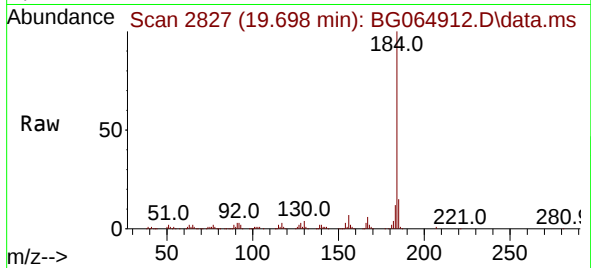




#77
Benzidine
Concen: 33.821 ng
RT: 19.698 min Scan# 2827
Delta R.T. -0.009 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

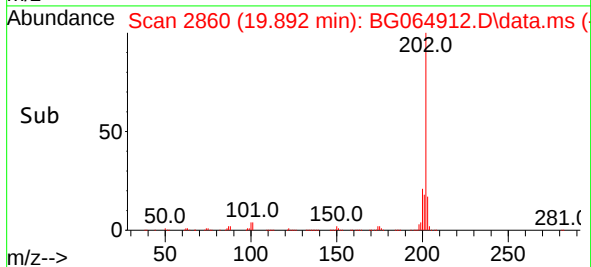
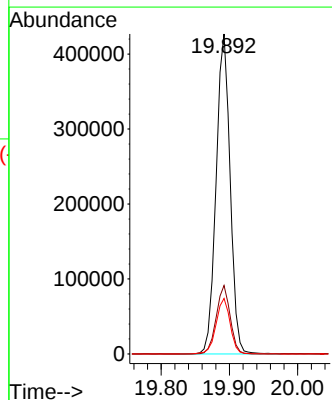
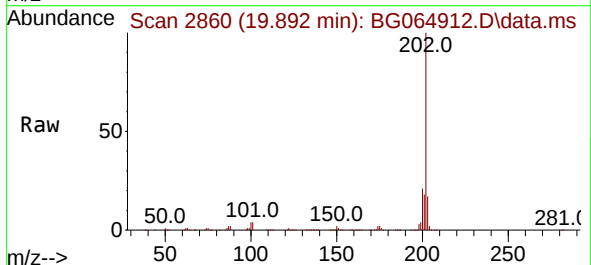
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

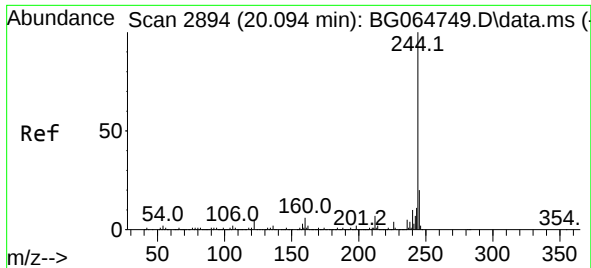
Tgt Ion:184 Resp: 222174
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.6
183 12.2 9.8 14.6



#78
Pyrene
Concen: 49.636 ng
RT: 19.892 min Scan# 2860
Delta R.T. -0.009 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

Tgt Ion:202 Resp: 610197
Ion Ratio Lower Upper
202 100
200 21.4 17.9 26.9
203 17.3 14.0 21.0

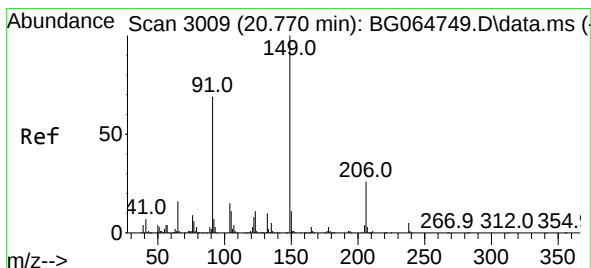
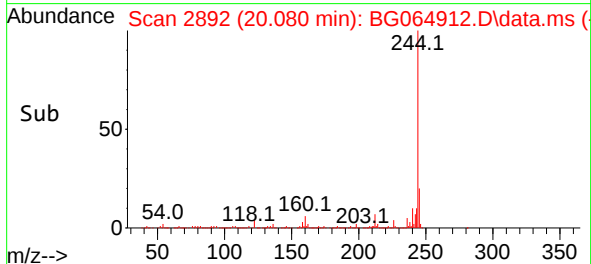
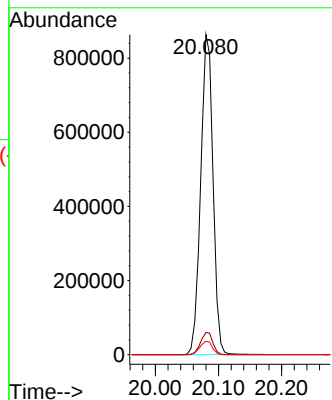
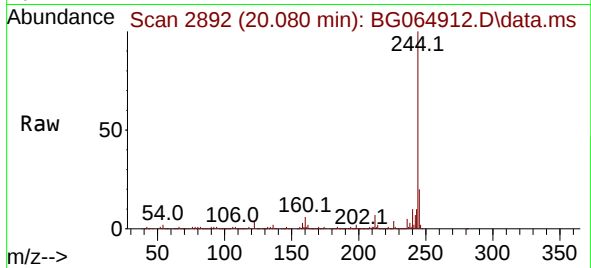




#79
 Terphenyl-d14
 Concen: 104.586 ng
 RT: 20.080 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BG064912.D
 Acq: 9 Dec 2025 19:44

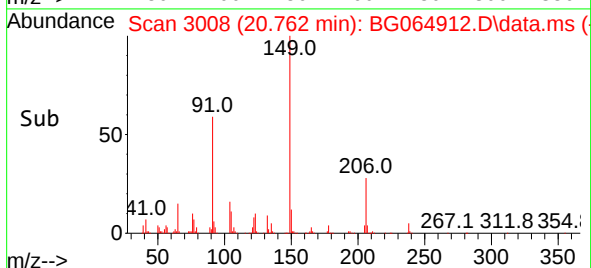
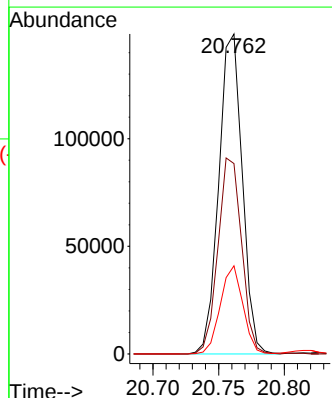
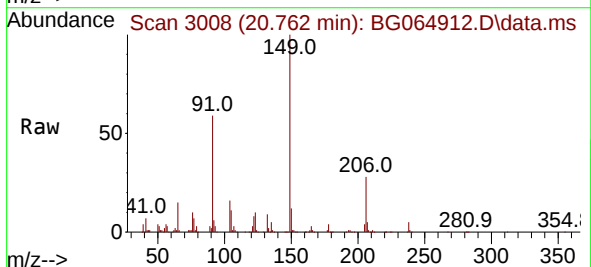
Instrument :
 BNA_G
 ClientSampleId :
 72-11966MSD

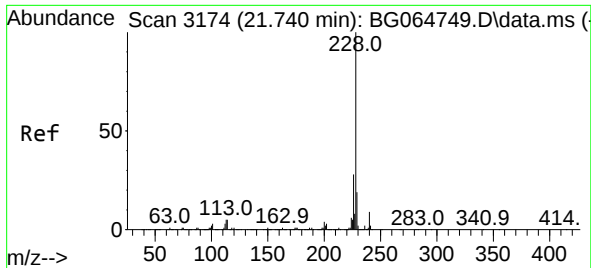
Tgt Ion:244 Resp: 1166213
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 4.2 4.3 6.5#



#80
 Butylbenzylphthalate
 Concen: 42.745 ng
 RT: 20.762 min Scan# 3008
 Delta R.T. -0.008 min
 Lab File: BG064912.D
 Acq: 9 Dec 2025 19:44

Tgt Ion:149 Resp: 184831
 Ion Ratio Lower Upper
 149 100
 91 59.5 54.9 82.3
 206 27.6 21.2 31.8

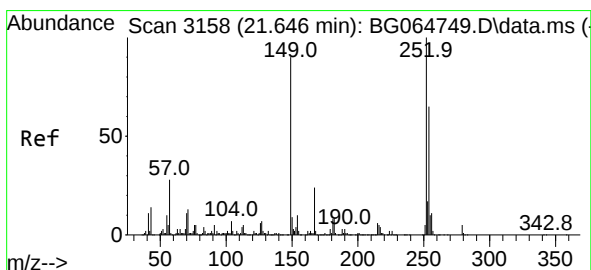
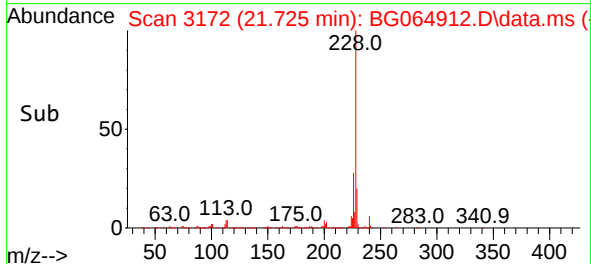
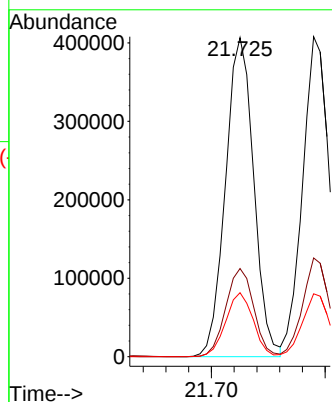
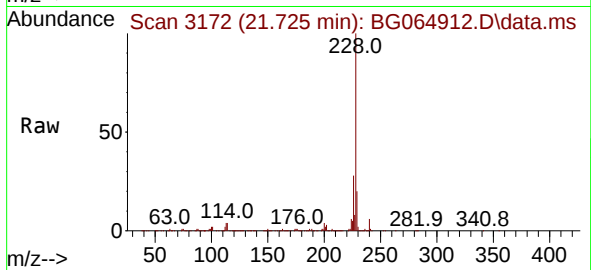




#81
Benzo(a)anthracene
Concen: 47.078 ng
RT: 21.725 min Scan# 3174
Delta R.T. -0.014 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

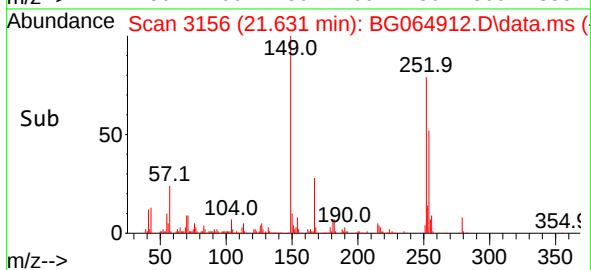
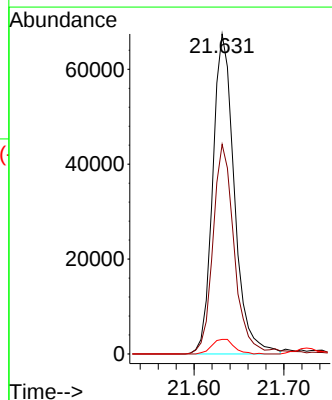
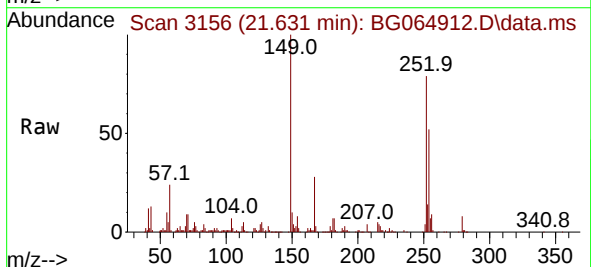
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

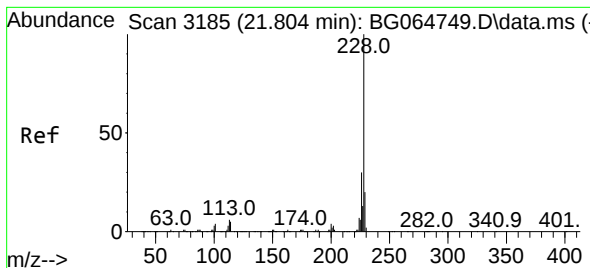
Tgt Ion:228 Resp: 702156
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 20.1 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 20.525 ng
RT: 21.631 min Scan# 3156
Delta R.T. -0.014 min
Lab File: BG064912.D
Acq: 9 Dec 2025 19:44

Tgt Ion:252 Resp: 112673
Ion Ratio Lower Upper
252 100
254 65.5 51.8 77.8
126 4.5 4.7 7.1#





#83

Chrysene

Concen: 47.596 ng

RT: 21.790 min Scan# 3183

Delta R.T. -0.014 min

Lab File: BG064912.D

Acq: 9 Dec 2025 19:44

Instrument :

BNA_G

ClientSampleId :

72-11966MSD

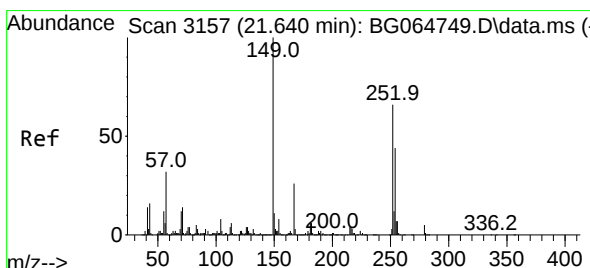
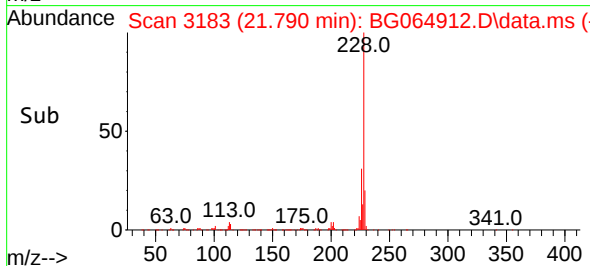
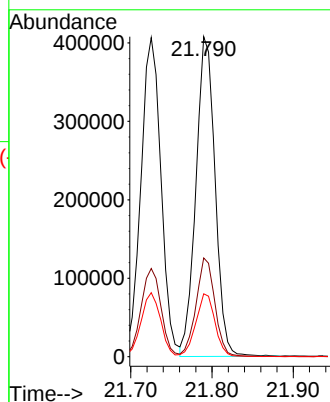
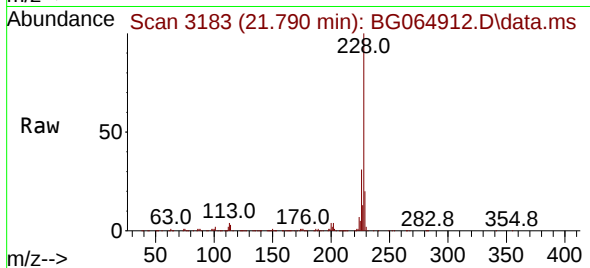
Tgt Ion:228 Resp: 669262

Ion Ratio Lower Upper

228 100

226 30.8 24.2 36.2

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.224 ng

RT: 21.619 min Scan# 3154

Delta R.T. -0.020 min

Lab File: BG064912.D

Acq: 9 Dec 2025 19:44

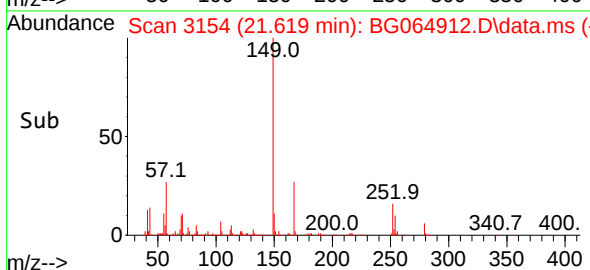
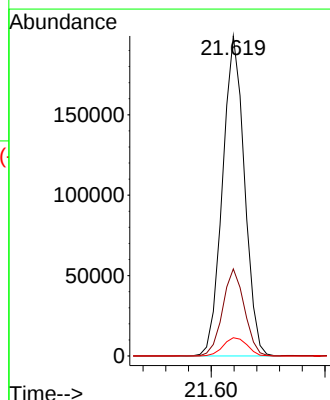
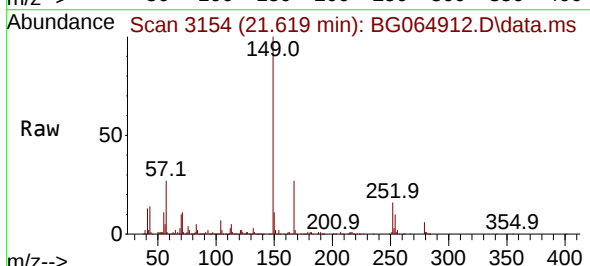
Tgt Ion:149 Resp: 266794

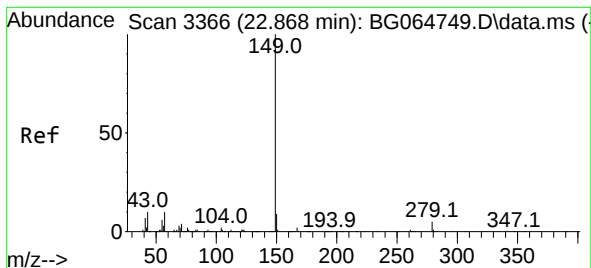
Ion Ratio Lower Upper

149 100

167 27.2 21.0 31.4

279 5.7 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 40.964 ng

RT: 22.842 min Scan# 31

Delta R.T. -0.026 min

Lab File: BG064912.D

Acq: 9 Dec 2025 19:44

Instrument :

BNA_G

ClientSampleId :

72-11966MSD

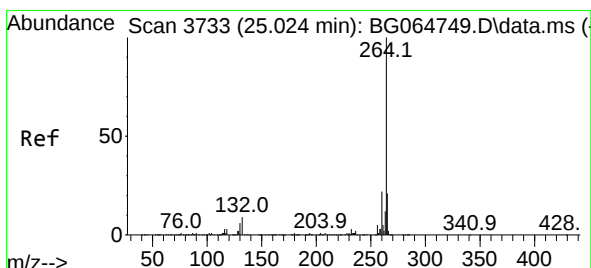
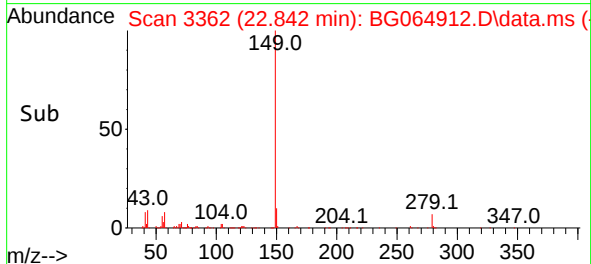
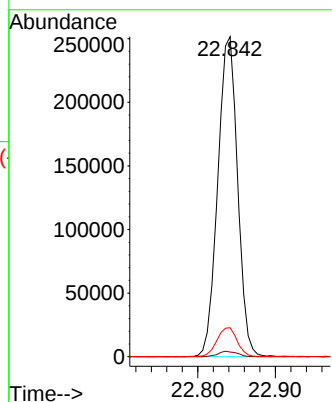
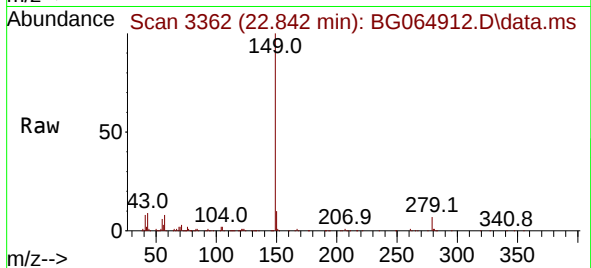
Tgt Ion:149 Resp: 447412

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.4 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.998 min Scan# 3729

Delta R.T. -0.026 min

Lab File: BG064912.D

Acq: 9 Dec 2025 19:44

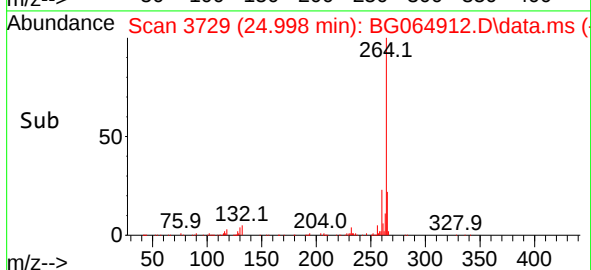
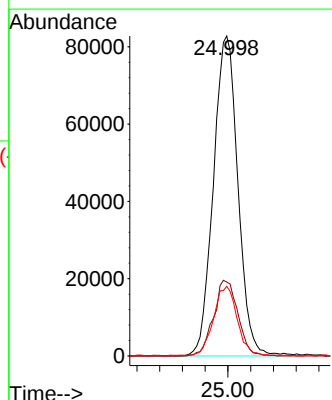
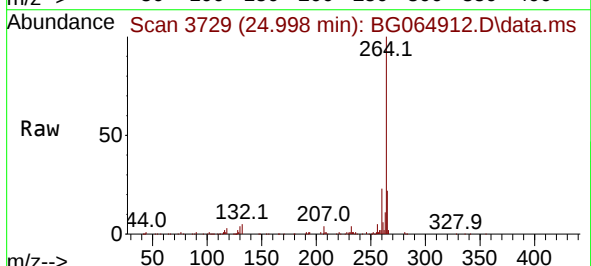
Tgt Ion:264 Resp: 247669

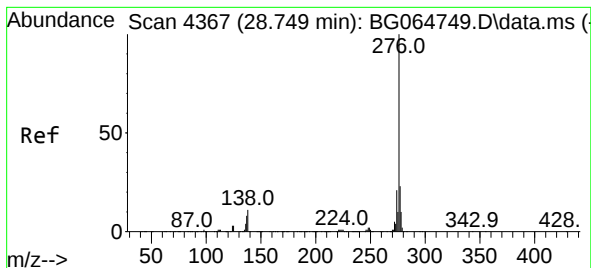
Ion Ratio Lower Upper

264 100

260 23.1 17.2 25.8

265 21.8 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.348 ng

RT: 28.723 min Scan# 41

Delta R.T. -0.026 min

Lab File: BG064912.D

Acq: 9 Dec 2025 19:44

Instrument :

BNA_G

ClientSampleId :

72-11966MSD

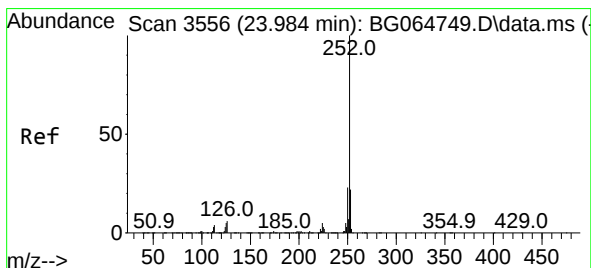
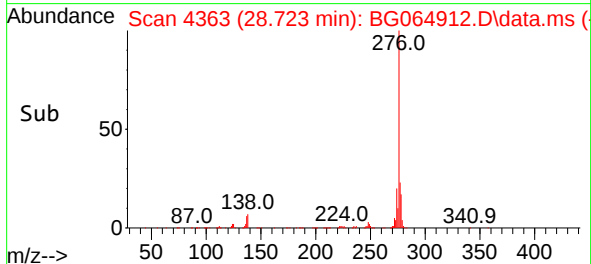
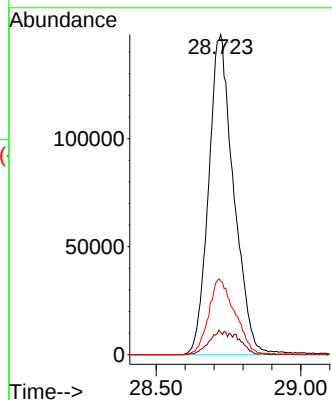
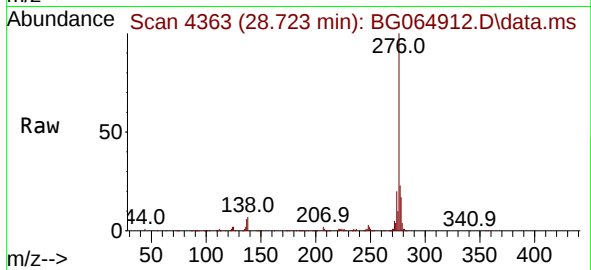
Tgt Ion:276 Resp: 890738

Ion Ratio Lower Upper

276 100

138 4.1 4.5 6.7#

277 24.9 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 47.028 ng

RT: 23.964 min Scan# 3553

Delta R.T. -0.020 min

Lab File: BG064912.D

Acq: 9 Dec 2025 19:44

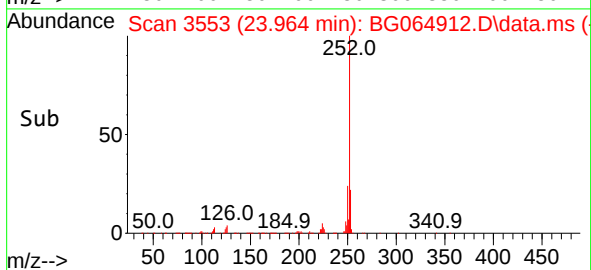
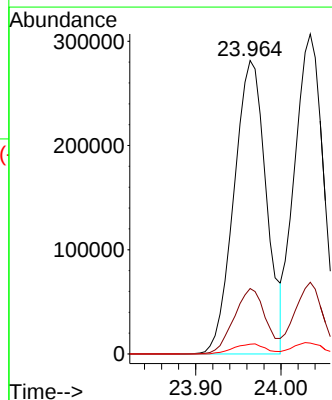
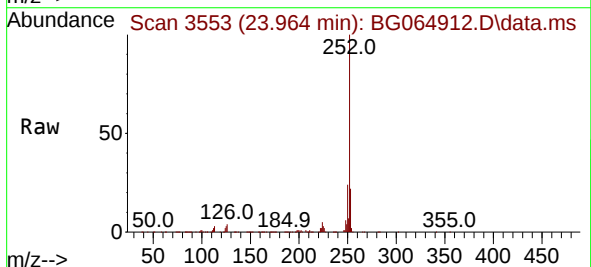
Tgt Ion:252 Resp: 741226

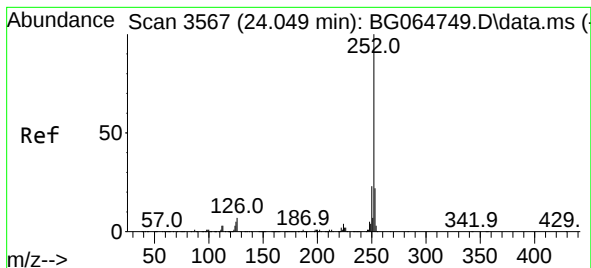
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 3.3 4.2 6.2#





#89

Benzo(k)fluoranthene

Concen: 45.715 ng

RT: 24.034 min Scan# 3

Delta R.T. -0.014 min

Lab File: BG064912.D

Acq: 9 Dec 2025 19:44

Instrument :

BNA_G

ClientSampleId :

72-11966MSD

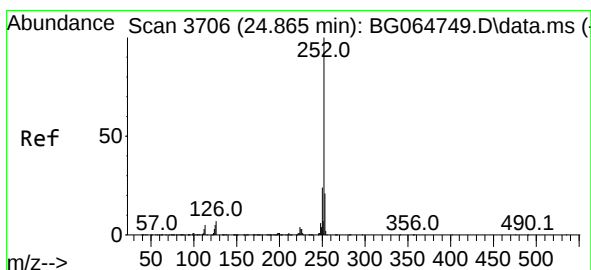
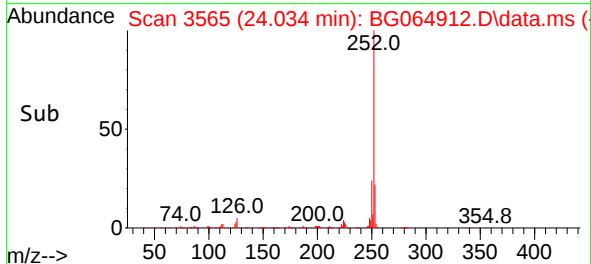
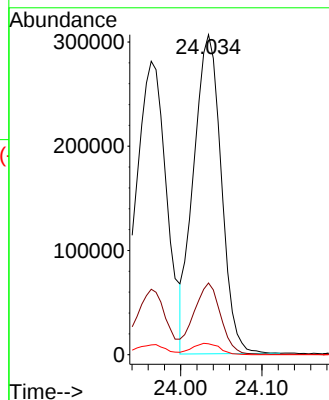
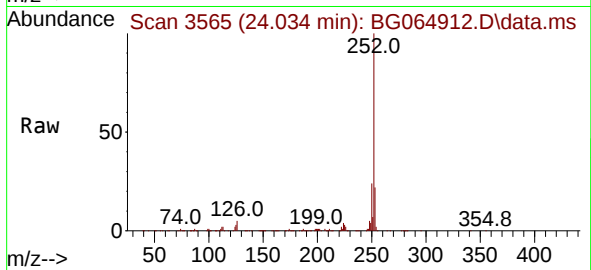
Tgt Ion:252 Resp: 723879

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 3.4 4.1 6.1#



#90

Benzo(a)pyrene

Concen: 48.076 ng

RT: 24.845 min Scan# 3703

Delta R.T. -0.020 min

Lab File: BG064912.D

Acq: 9 Dec 2025 19:44

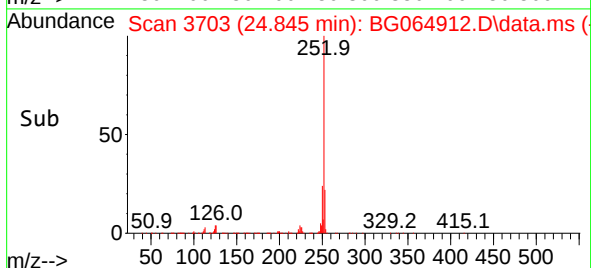
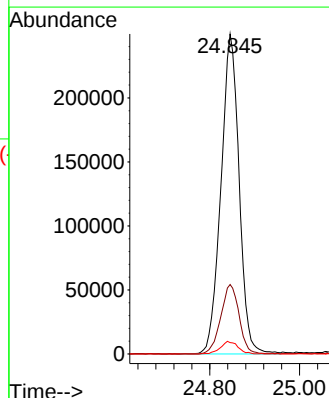
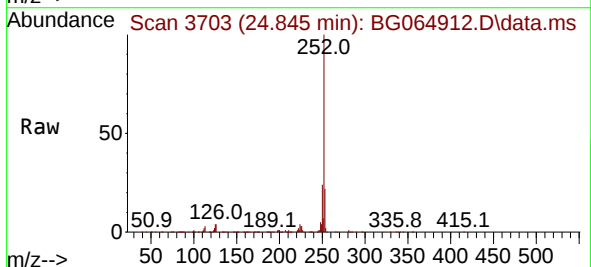
Tgt Ion:252 Resp: 702897

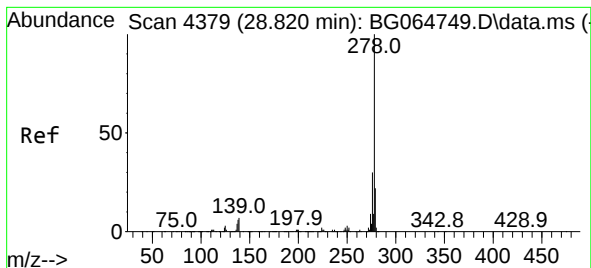
Ion Ratio Lower Upper

252 100

253 21.7 16.9 25.3

125 3.5 4.2 6.4#





#91

Dibenzo(a,h)anthracene

Concen: 53.432 ng

RT: 28.782 min Scan# 41

Delta R.T. -0.038 min

Lab File: BG064912.D

Acq: 9 Dec 2025 19:44

Instrument :

BNA_G

ClientSampleId :

72-11966MSD

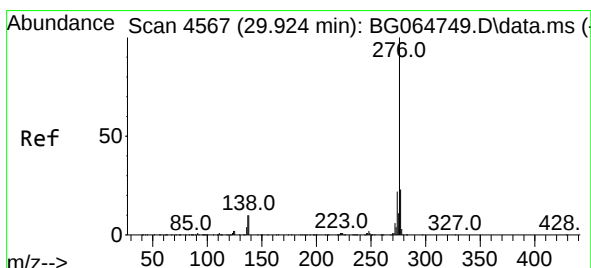
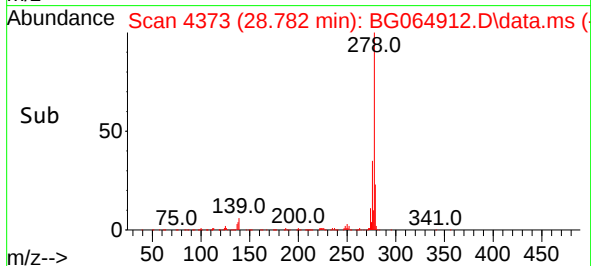
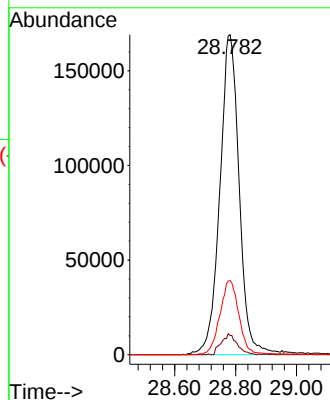
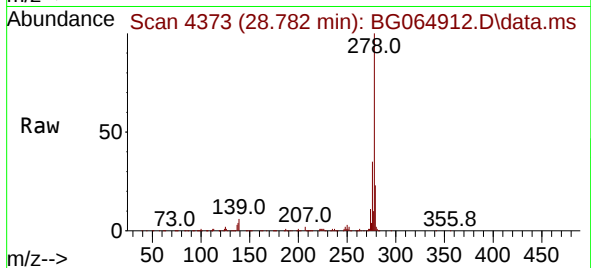
Tgt Ion:278 Resp: 744820

Ion Ratio Lower Upper

278 100

139 6.0 5.8 8.8

279 23.2 17.3 25.9



#92

Benzo(g,h,i)perylene

Concen: 53.215 ng

RT: 29.886 min Scan# 4561

Delta R.T. -0.038 min

Lab File: BG064912.D

Acq: 9 Dec 2025 19:44

Tgt Ion:276 Resp: 713915

Ion Ratio Lower Upper

276 100

277 22.5 18.0 27.0

138 7.2 8.2 12.2#

