

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064173.D
 Acq On : 3 Apr 2025 19:17
 Operator : RC/JU
 Sample : PB167393BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 01:45:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	28326	20.000	ng	0.00
21) Naphthalene-d8	10.649	136	137392	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	107393	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	248813	20.000	ng	0.00
76) Chrysene-d12	21.454	240	248832	20.000	ng	0.00
86) Perylene-d12	24.468	264	264036	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	260103	143.379	ng	0.00
7) Phenol-d6	7.030	99	347089	140.643	ng	0.00
23) Nitrobenzene-d5	9.010	82	243149	97.800	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	204481	171.293	ng	0.00
45) 2-Fluorobiphenyl	13.111	172	605724	85.612	ng	0.00
79) Terphenyl-d14	19.844	244	1147666	93.259	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.358	88	23146	28.153	ng	95
3) Pyridine	3.746	79	69029	34.524	ng	94
4) n-Nitrosodimethylamine	3.663	42	58435	40.905	ng	94
6) Aniline	7.183	93	84082	34.721	ng	99
8) 2-Chlorophenol	7.424	128	100517	51.591	ng	95
9) Benzaldehyde	6.995	77	63458	44.213	ng	97
10) Phenol	7.054	94	130559	51.672	ng	97
11) bis(2-Chloroethyl)ether	7.283	93	86962	43.900	ng	99
12) 1,3-Dichlorobenzene	7.753	146	97597	45.616	ng	95
13) 1,4-Dichlorobenzene	7.894	146	99360	45.307	ng	99
14) 1,2-Dichlorobenzene	8.211	146	99453	47.030	ng	97
15) Benzyl Alcohol	8.093	79	103300	54.167	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.387	45	207476	46.580	ng	99
17) 2-Methylphenol	8.299	107	89909	53.615	ng	98
18) Hexachloroethane	8.940	117	40527	52.819	ng	94
19) n-Nitroso-di-n-propyla...	8.663	70	82417	47.586	ng	97
20) 3+4-Methylphenols	8.628	107	125453	54.340	ng	95
22) Acetophenone	8.675	105	159135	42.244	ng	# 96
24) Nitrobenzene	9.051	77	123254	47.970	ng	99
25) Isophorone	9.574	82	230706	46.361	ng	95
26) 2-Nitrophenol	9.762	139	54963	58.817	ng	# 93
27) 2,4-Dimethylphenol	9.827	122	106232	71.211	ng	95
28) bis(2-Chloroethoxy)met...	10.062	93	135542	44.926	ng	100
29) 2,4-Dichlorophenol	10.297	162	101564	53.917	ng	99
30) 1,2,4-Trichlorobenzene	10.508	180	103648	45.580	ng	98
31) Naphthalene	10.696	128	325687	43.961	ng	99
32) Benzoic acid	9.968	122	74180	53.037	ng	90
33) 4-Chloroaniline	10.802	127	29877	11.034	ng	# 89
34) Hexachlorobutadiene	10.990	225	70355	47.202	ng	96
35) Caprolactam	11.578	113	23533	32.600	ng	# 75
36) 4-Chloro-3-methylphenol	11.930	107	136856	55.426	ng	99
37) 2-Methylnaphthalene	12.306	142	225381	43.093	ng	97
38) 1-Methylnaphthalene	12.524	142	243729	47.566	ng	97
40) 1,2,4,5-Tetrachloroben...	12.676	216	132670	43.271	ng	# 97
41) Hexachlorocyclopentadiene	12.659	237	194898	225.856	ng	95
43) 2,4,6-Trichlorophenol	12.917	196	93345	51.657	ng	92

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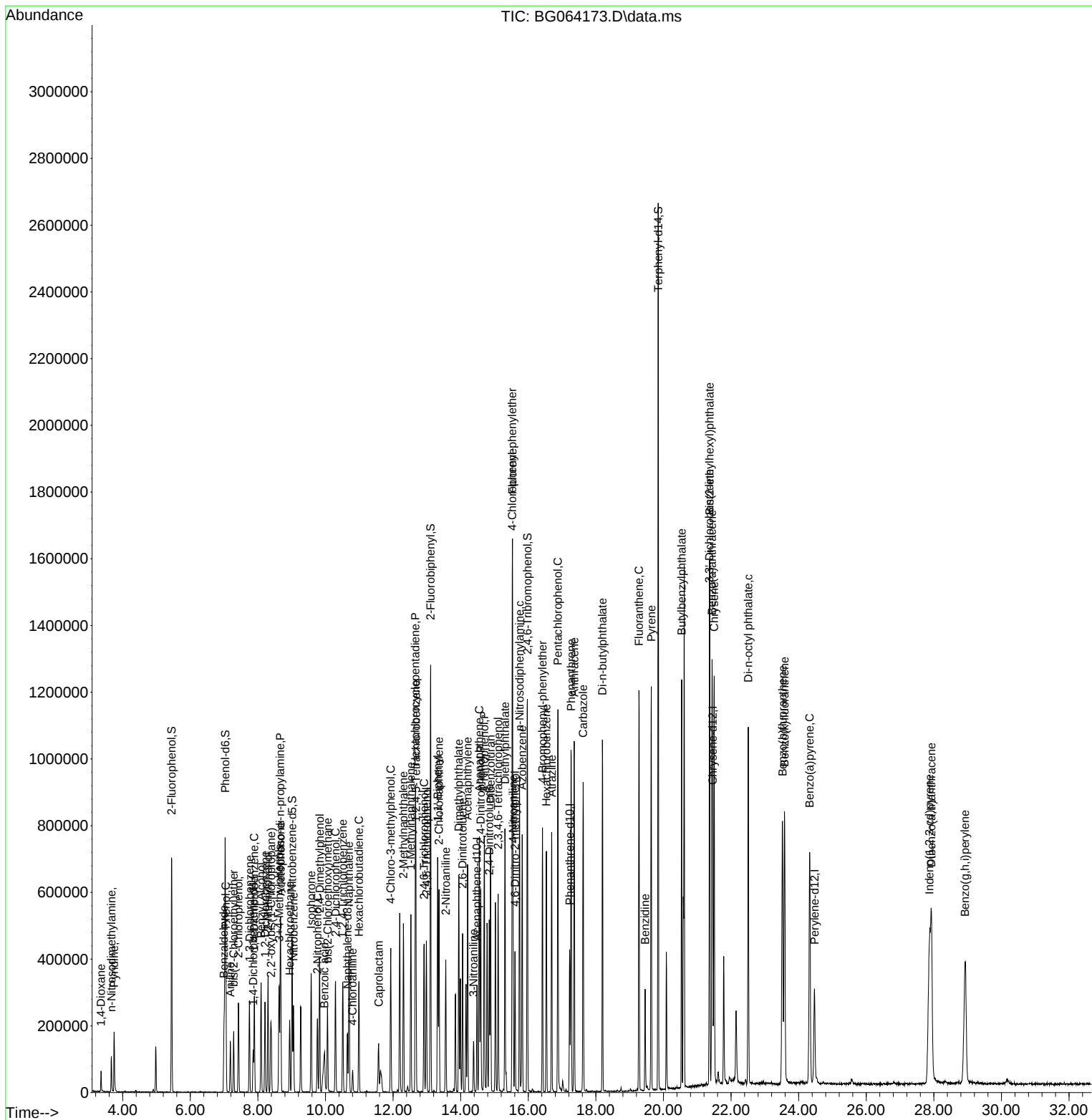
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 BNA_G
 ClientSampleId :

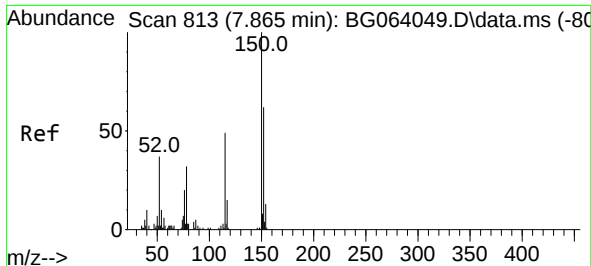
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.988	196	107368	53.475	ng	97
46) 1,1'-Biphenyl	13.323	154	360456	44.426	ng	95
47) 2-Chloronaphthalene	13.358	162	265674	44.896	ng	97
48) 2-Nitroaniline	13.558	65	106132	52.905	ng	96
49) Acenaphthylene	14.204	152	462687	49.433	ng	99
50) Dimethylphthalate	13.945	163	376489	47.492	ng	100
51) 2,6-Dinitrotoluene	14.057	165	80098	49.677	ng	94
52) Acenaphthene	14.551	154	282611	44.991	ng	94
53) 3-Nitroaniline	14.380	138	31565	20.602	ng	91
54) 2,4-Dinitrophenol	14.592	184	100093	142.446	ng	# 72
55) Dibenzofuran	14.886	168	448500	44.074	ng	98
56) 4-Nitrophenol	14.698	139	144648	112.568	ng	87
57) 2,4-Dinitrotoluene	14.844	165	121433	54.211	ng	# 94
58) Fluorene	15.532	166	372397	46.987	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.109	232	108606	55.484	ng	94
60) Diethylphthalate	15.309	149	416605	48.408	ng	99
61) 4-Chlorophenyl-phenyle...	15.526	204	182439	46.321	ng	# 88
62) 4-Nitroaniline	15.549	138	83572	50.522	ng	90
63) Azobenzene	15.820	77	410884	44.742	ng	98
65) 4,6-Dinitro-2-methylph...	15.608	198	75522	66.467	ng	98
66) n-Nitrosodiphenylamine	15.743	169	342099	48.573	ng	99
67) 4-Bromophenyl-phenylether	16.419	248	129419	50.786	ng	96
68) Hexachlorobenzene	16.537	284	139145	48.772	ng	96
69) Atrazine	16.695	200	139441	67.290	ng	97
70) Pentachlorophenol	16.877	266	183831	103.779	ng	97
71) Phenanthrene	17.271	178	629352	47.423	ng	99
72) Anthracene	17.359	178	650102	49.264	ng	99
73) Carbazole	17.624	167	575340	46.696	ng	99
74) Di-n-butylphthalate	18.193	149	717070	49.443	ng	99
75) Fluoranthene	19.275	202	732555	45.787	ng	97
77) Benzidine	19.457	184	173862	50.459	ng	99
78) Pyrene	19.639	202	759775	47.367	ng	99
80) Butylbenzylphthalate	20.538	149	326610	53.789	ng	97
81) Benzo(a)anthracene	21.437	228	766772	48.105	ng	98
82) 3,3'-Dichlorobenzidine	21.360	252	120638	23.386	ng	98
83) Chrysene	21.501	228	727012	45.731	ng	100
84) Bis(2-ethylhexyl)phtha...	21.366	149	469749	54.493	ng	100
85) Di-n-octyl phthalate	22.512	149	808712	54.390	ng	98
87) Indeno(1,2,3-cd)pyrene	27.870	276	898254	50.846	ng	# 96
88) Benzo(b)fluoranthene	23.522	252	761654	47.717	ng	98
89) Benzo(k)fluoranthene	23.581	252	725723	45.321	ng	98
90) Benzo(a)pyrene	24.327	252	724310	50.952	ng	97
91) Dibenzo(a,h)anthracene	27.929	278	747239	51.021	ng	98
92) Benzo(g,h,i)perylene	28.922	276	708548	47.120	ng	97

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

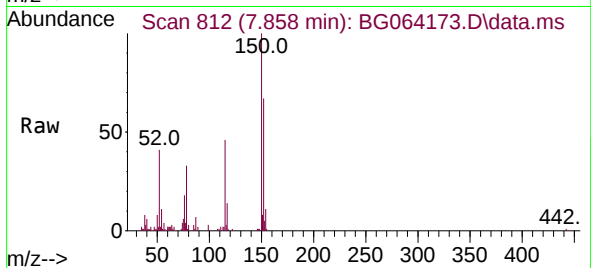
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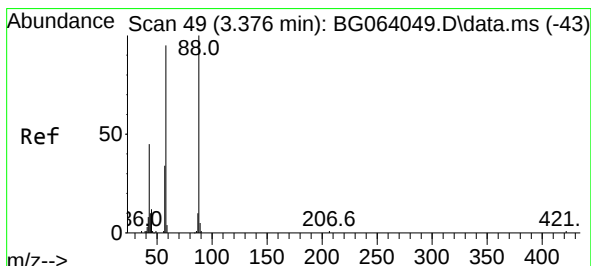
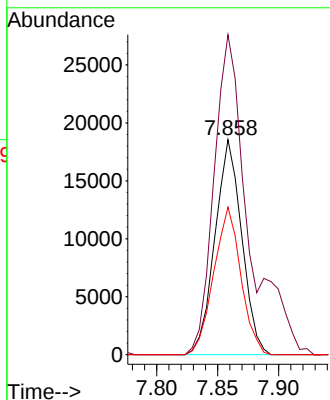
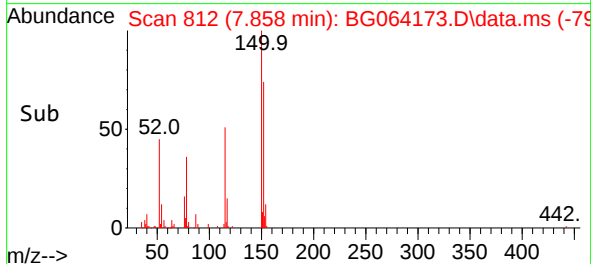


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.858 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

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BNA_G
ClientSampleId :

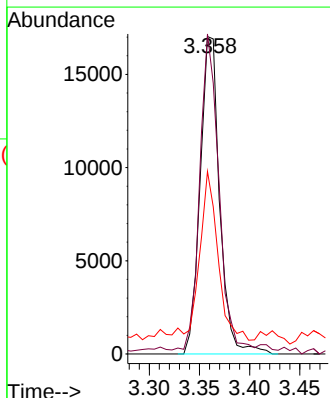
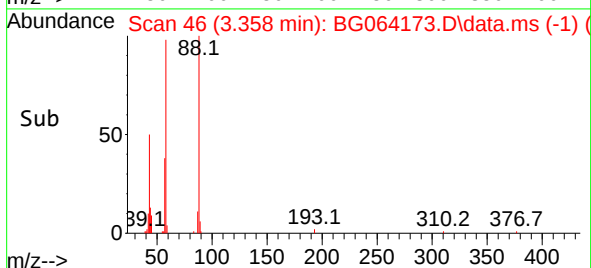
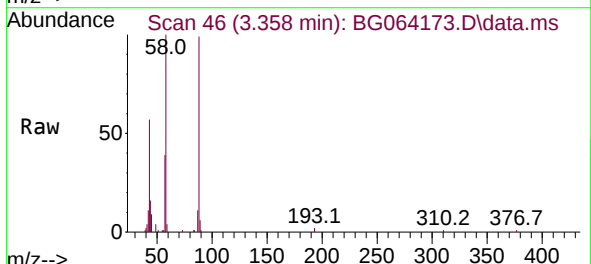


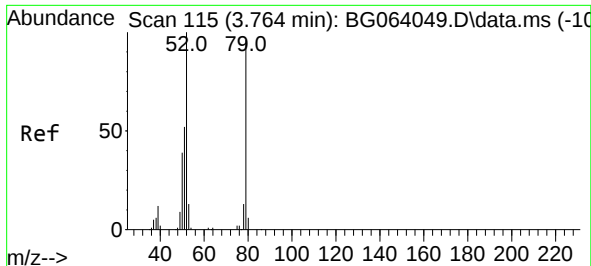
Tgt Ion:152 Resp: 28326
Ion Ratio Lower Upper
152 100
150 148.8 129.2 193.8
115 68.6 63.0 94.6



#2
1,4-Dioxane
Concen: 28.153 ng
RT: 3.358 min Scan# 46
Delta R.T. -0.018 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

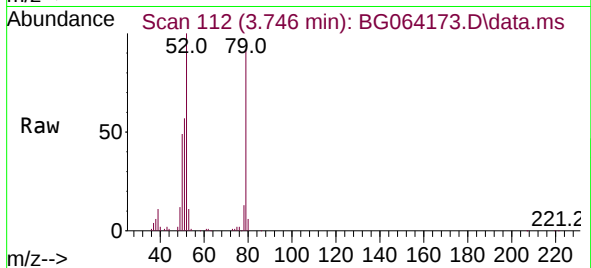
Tgt Ion: 88 Resp: 23146
Ion Ratio Lower Upper
88 100
58 96.0 74.6 111.8
43 50.0 35.5 53.3



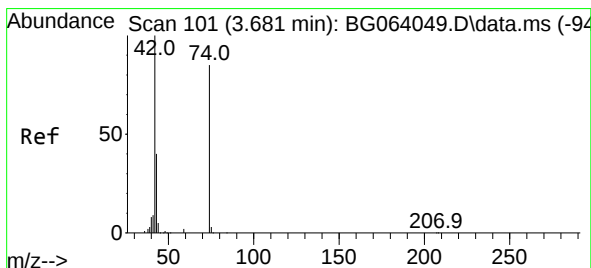
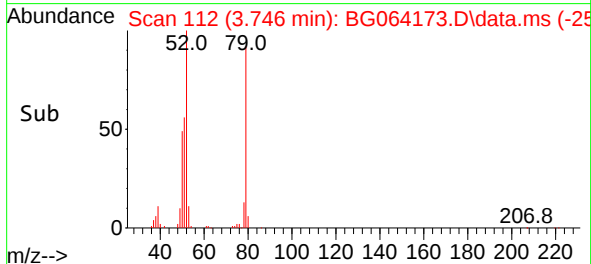
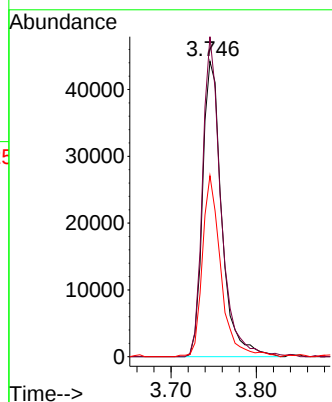


#3
Pyridine
Concen: 34.524 ng
RT: 3.746 min Scan# 11
Delta R.T. -0.018 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

Instrument :
BNA_G
ClientSampleId :

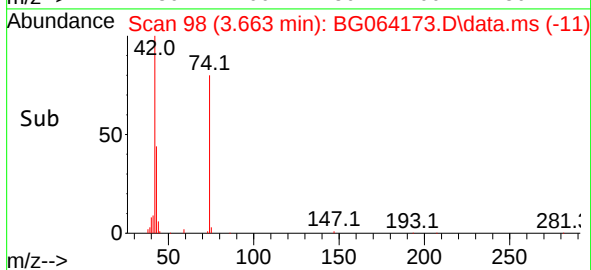
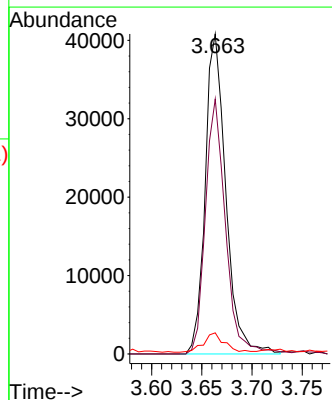
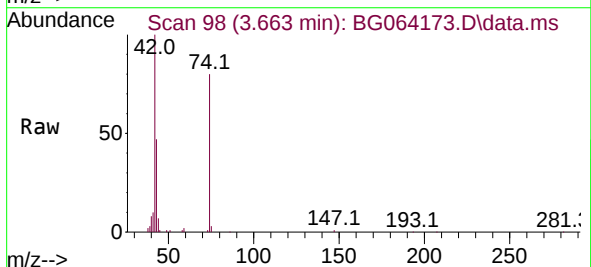


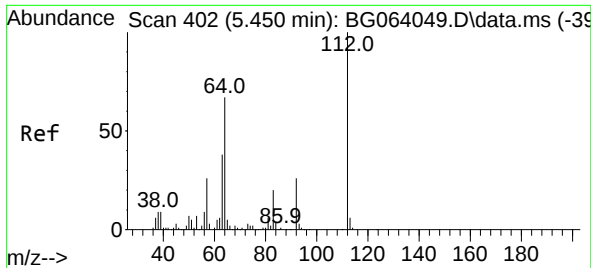
Tgt Ion: 79 Resp: 69029
Ion Ratio Lower Upper
79 100
52 108.3 83.0 124.6
51 61.2 44.3 66.5



#4
n-Nitrosodimethylamine
Concen: 40.905 ng
RT: 3.663 min Scan# 98
Delta R.T. -0.018 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

Tgt Ion: 42 Resp: 58435
Ion Ratio Lower Upper
42 100
74 79.6 68.0 102.0
44 6.6 4.9 7.3

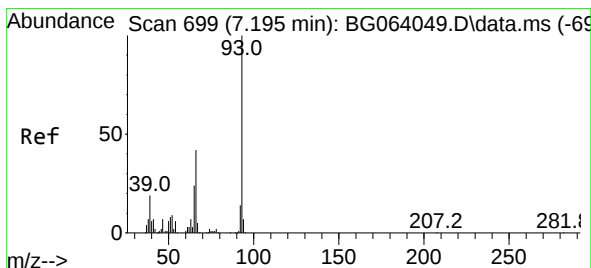
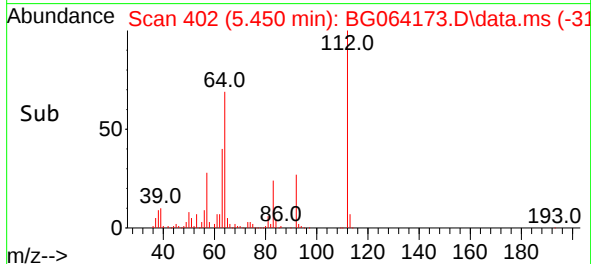
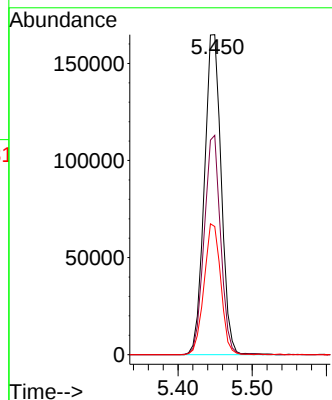
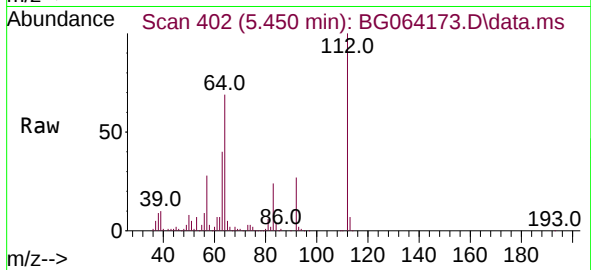




#5
2-Fluorophenol
Concen: 143.379 ng
RT: 5.450 min Scan# 402
Delta R.T. -0.000 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

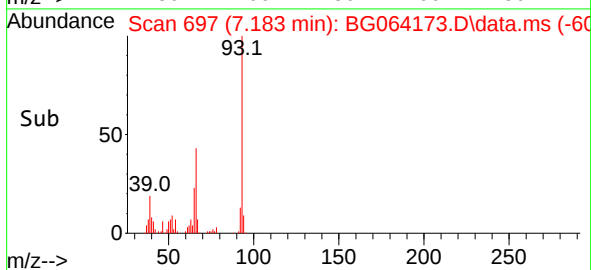
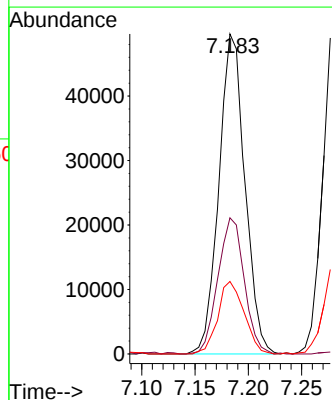
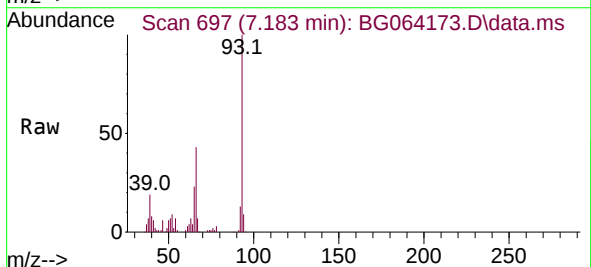
Instrument :
BNA_G
ClientSampleId :

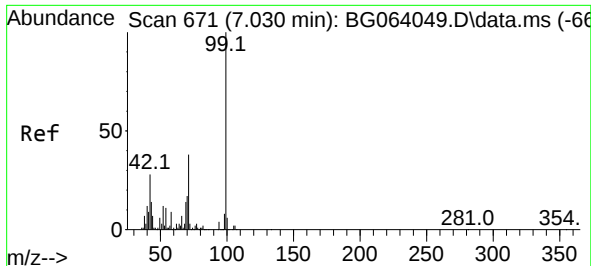
Tgt Ion:112 Resp: 260103
Ion Ratio Lower Upper
112 100
64 68.5 53.7 80.5
63 40.1 30.2 45.4



#6
Aniline
Concen: 34.721 ng
RT: 7.183 min Scan# 697
Delta R.T. -0.012 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

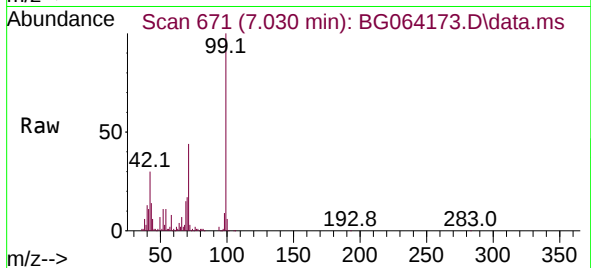
Tgt Ion: 93 Resp: 84082
Ion Ratio Lower Upper
93 100
66 42.6 33.7 50.5
65 22.6 19.1 28.7



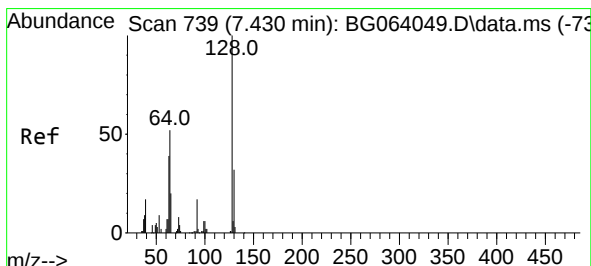
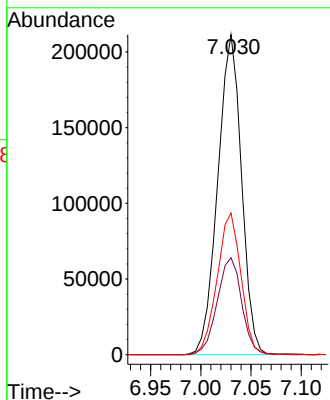
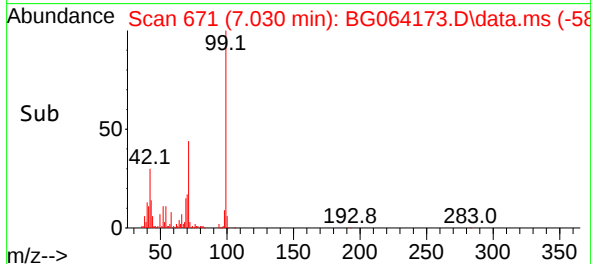


#7
Phenol-d6
Concen: 140.643 ng
RT: 7.030 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

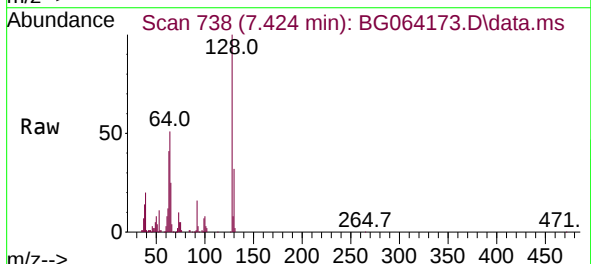
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ClientSampleId :



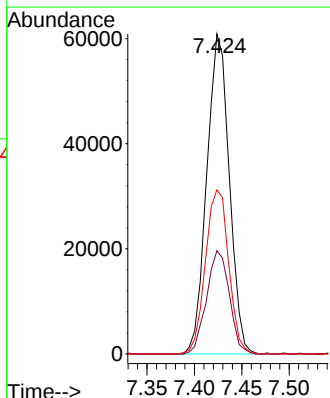
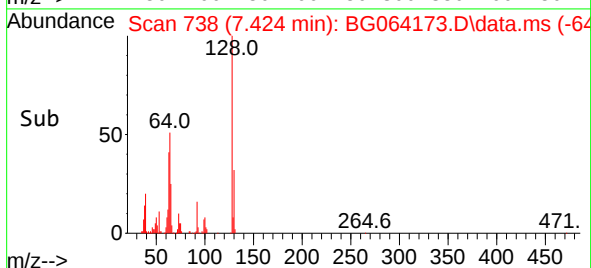
Tgt Ion: 99 Resp: 347089
Ion Ratio Lower Upper
99 100
42 30.3 22.7 34.1
71 44.3 30.6 46.0

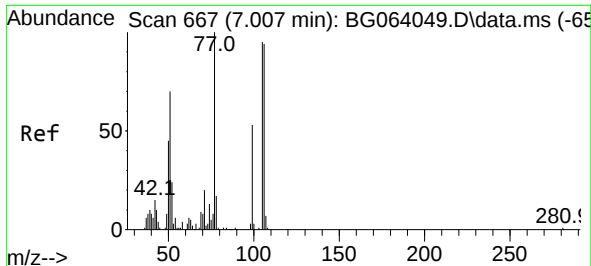


#8
2-Chlorophenol
Concen: 51.591 ng
RT: 7.424 min Scan# 738
Delta R.T. -0.006 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17



Tgt Ion: 128 Resp: 100517
Ion Ratio Lower Upper
128 100
130 32.2 12.3 52.3
64 51.3 37.0 77.0

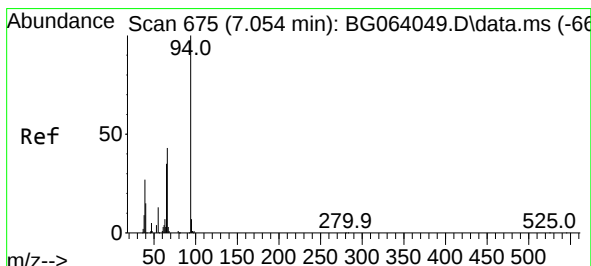
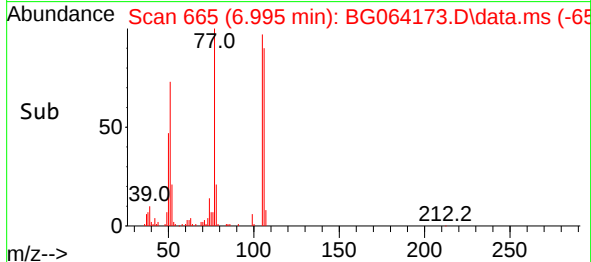
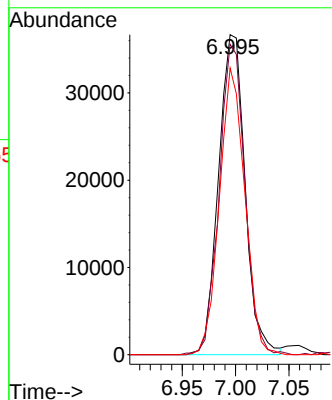
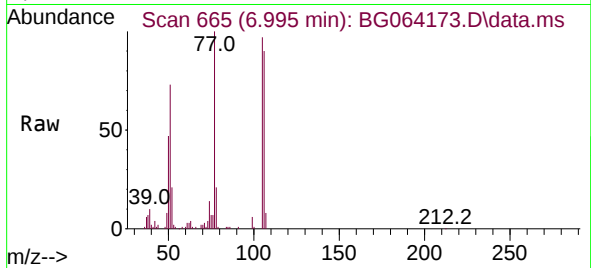




#9
Benzaldehyde
Concen: 44.213 ng
RT: 6.995 min Scan# 665
Delta R.T. -0.012 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

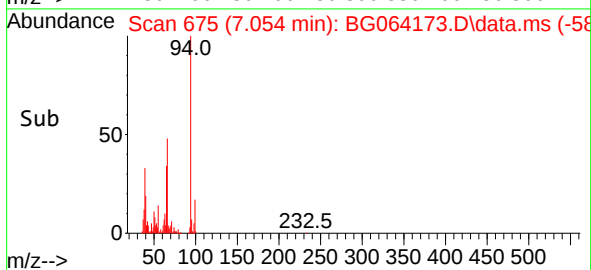
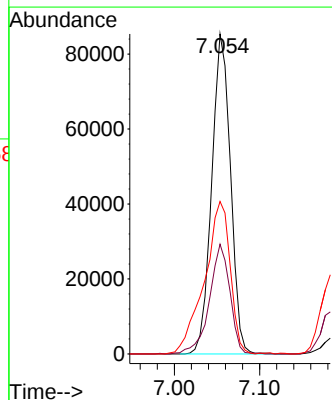
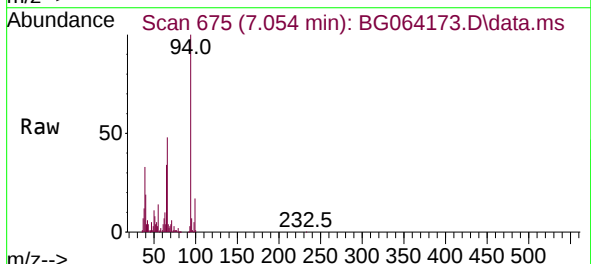
Instrument :
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ClientSampleId :

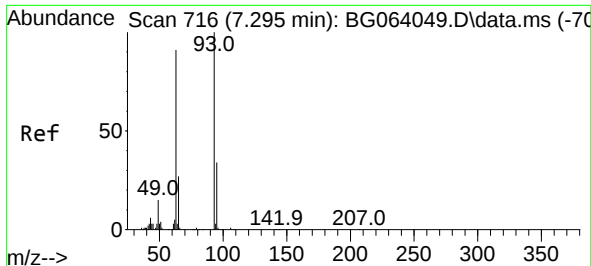
Tgt Ion: 77 Resp: 63458
Ion Ratio Lower Upper
77 100
105 97.0 75.5 115.5
106 89.6 74.2 114.2



#10
Phenol
Concen: 51.672 ng
RT: 7.054 min Scan# 675
Delta R.T. -0.000 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

Tgt Ion: 94 Resp: 130559
Ion Ratio Lower Upper
94 100
65 34.3 15.2 55.2
66 47.6 25.1 65.1

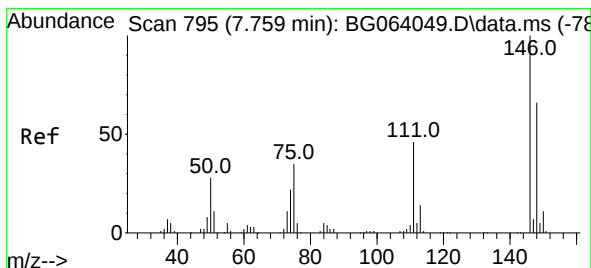
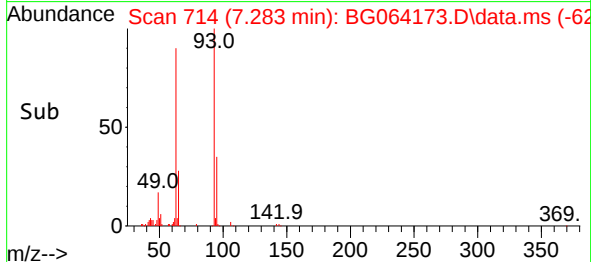
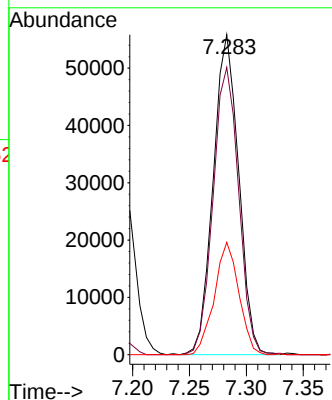
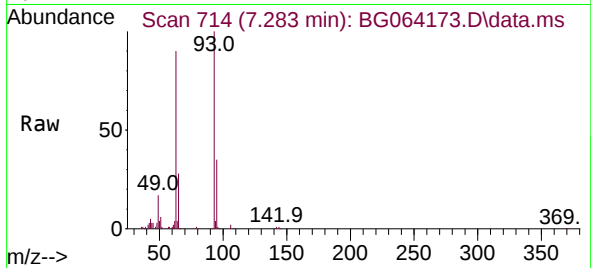




#11
bis(2-Chloroethyl)ether
Concen: 43.900 ng
RT: 7.283 min Scan# 716
Delta R.T. -0.012 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

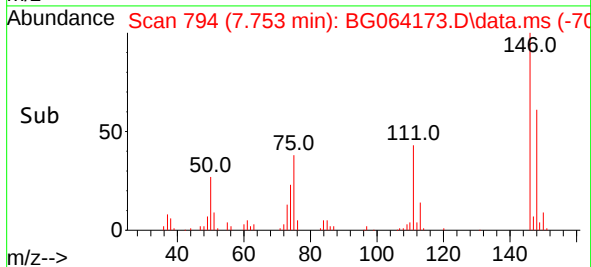
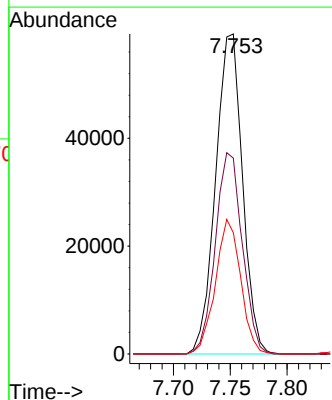
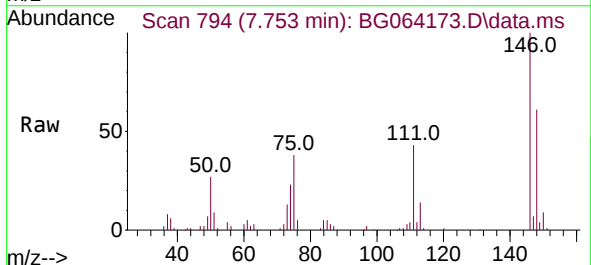
Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 86962
Ion Ratio Lower Upper
93 100
63 89.8 70.0 110.0
95 35.1 13.7 53.7



#12
1,3-Dichlorobenzene
Concen: 45.616 ng
RT: 7.753 min Scan# 794
Delta R.T. -0.006 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

Tgt Ion:146 Resp: 97597
Ion Ratio Lower Upper
146 100
148 61.2 52.6 78.8
75 37.9 28.1 42.1

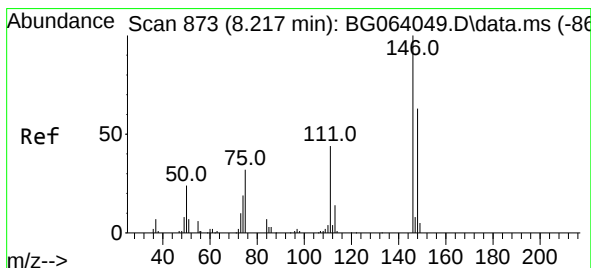
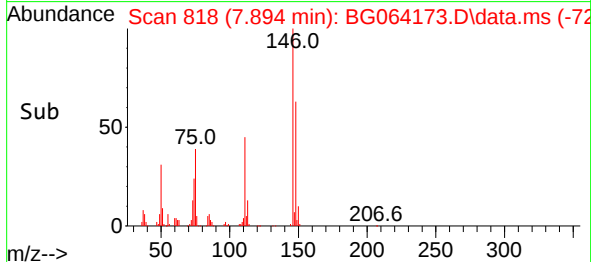
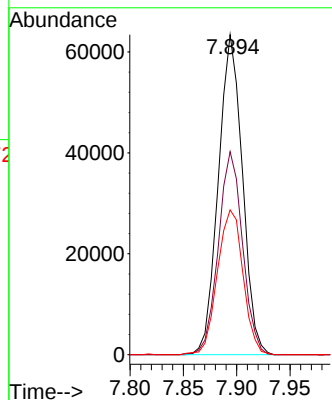
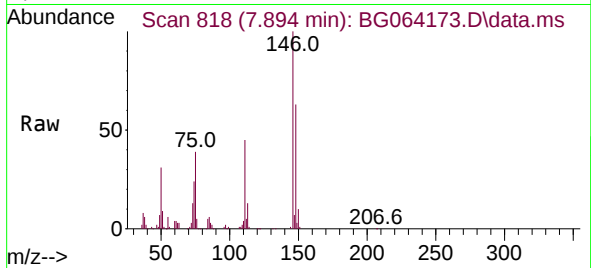




#13
1,4-Dichlorobenzene
Concen: 45.307 ng
RT: 7.894 min Scan# 819
Delta R.T. -0.006 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

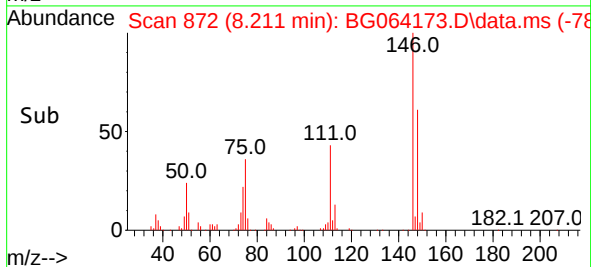
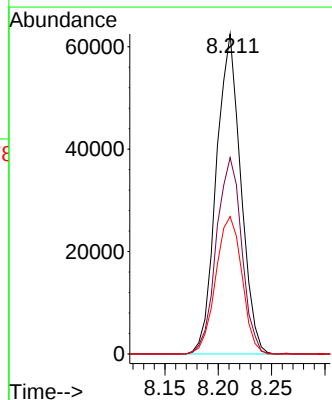
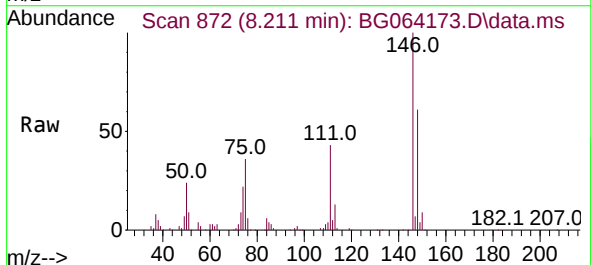
Instrument :
BNA_G
ClientSampleId :

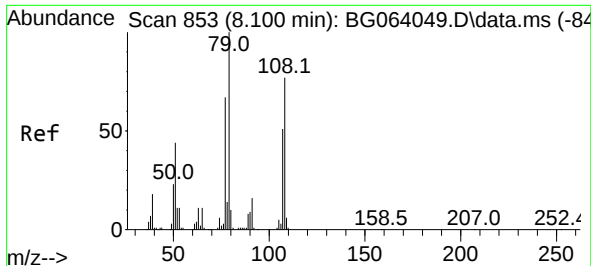
Tgt Ion:146 Resp: 99360
Ion Ratio Lower Upper
146 100
148 63.5 50.6 75.8
111 45.3 35.1 52.7



#14
1,2-Dichlorobenzene
Concen: 47.030 ng
RT: 8.211 min Scan# 872
Delta R.T. -0.006 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

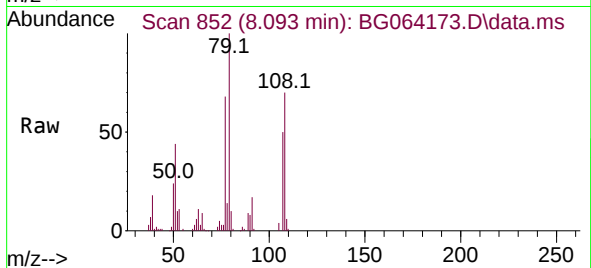
Tgt Ion:146 Resp: 99453
Ion Ratio Lower Upper
146 100
148 61.3 50.2 75.2
111 42.9 36.4 54.6



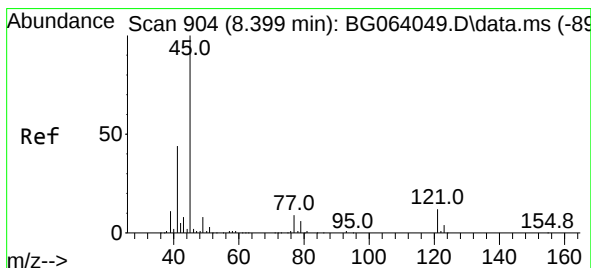
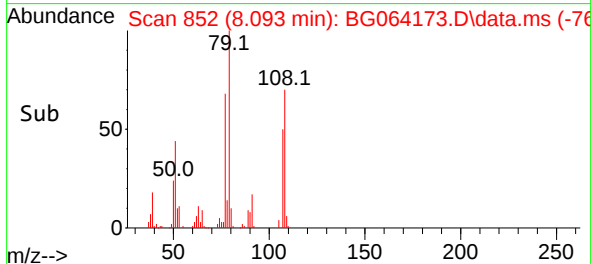
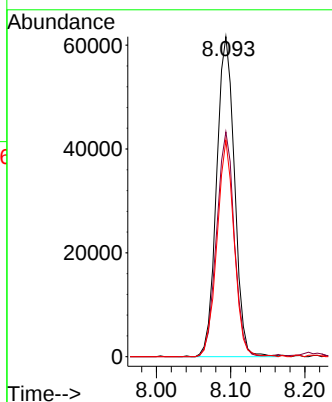


#15
Benzyl Alcohol
Concen: 54.167 ng
RT: 8.093 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

Instrument :
BNA_G
ClientSampleId :

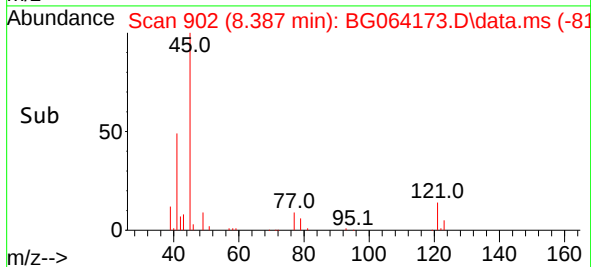
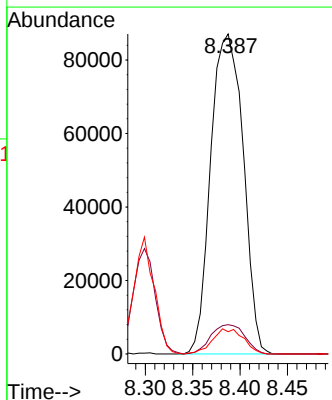
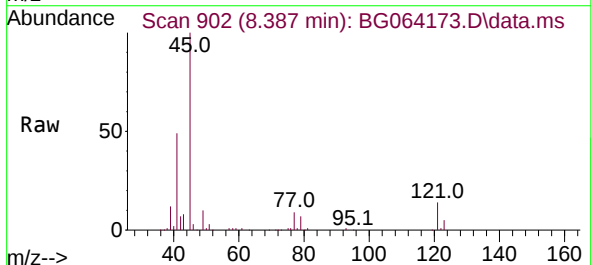


Tgt Ion: 79 Resp: 103300
Ion Ratio Lower Upper
79 100
108 70.3 61.7 92.5
77 67.7 53.9 80.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.580 ng
RT: 8.387 min Scan# 902
Delta R.T. -0.012 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

Tgt Ion: 45 Resp: 207476
Ion Ratio Lower Upper
45 100
77 9.1 0.0 29.0
79 6.9 0.0 26.6





#17

2-Methylphenol

Concen: 53.615 ng

RT: 8.299 min Scan# 887

Delta R.T. -0.000 min

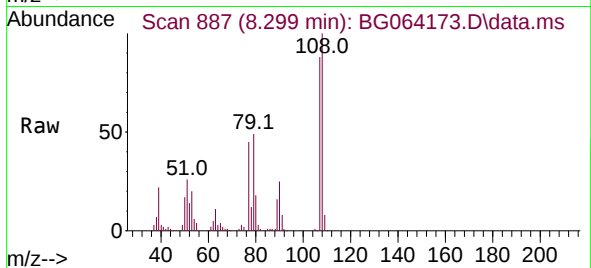
Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:107 Resp: 89909

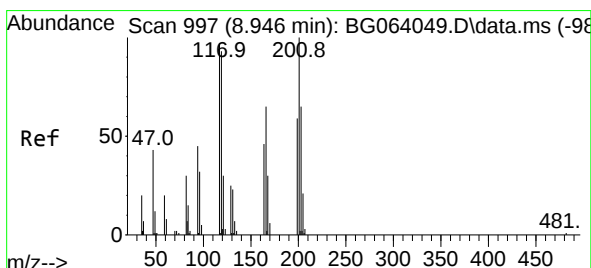
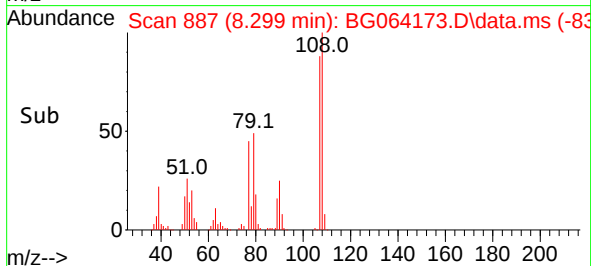
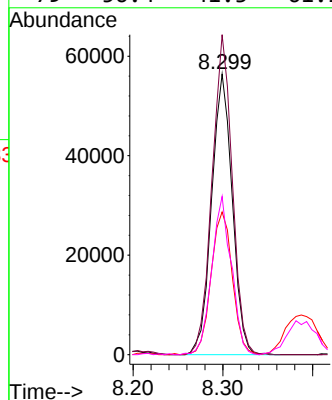
Ion Ratio Lower Upper

107 100

108 114.0 92.5 138.7

77 50.9 40.5 60.7

79 56.4 41.3 61.9



#18

Hexachloroethane

Concen: 52.819 ng

RT: 8.940 min Scan# 996

Delta R.T. -0.006 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

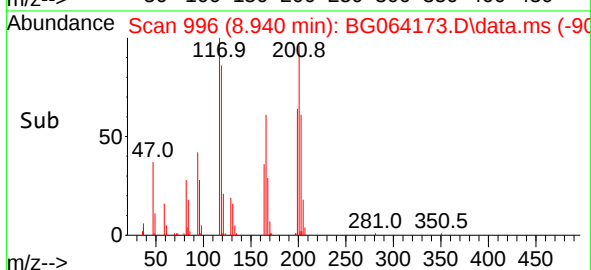
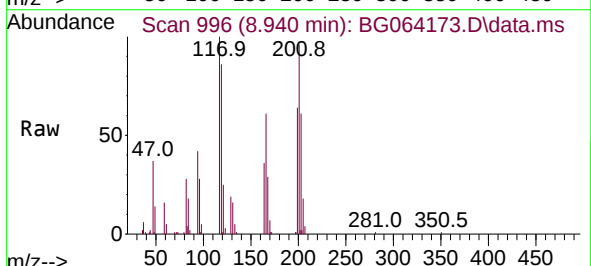
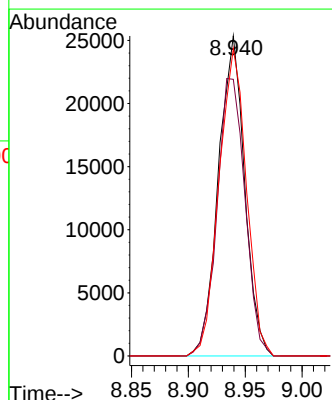
Tgt Ion:117 Resp: 40527

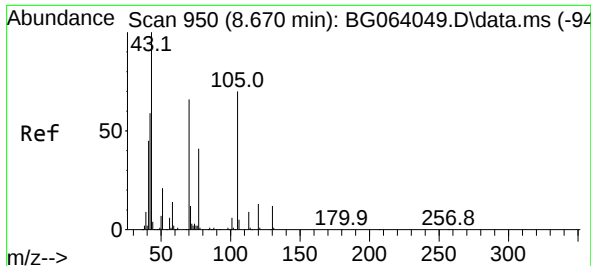
Ion Ratio Lower Upper

117 100

119 86.5 76.2 114.2

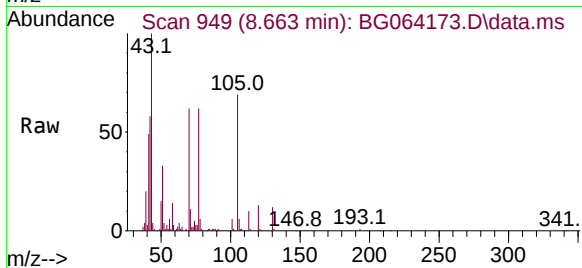
201 98.4 81.5 122.3





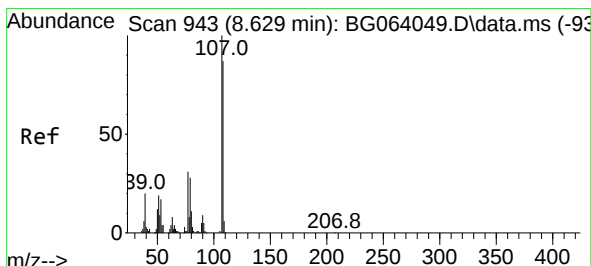
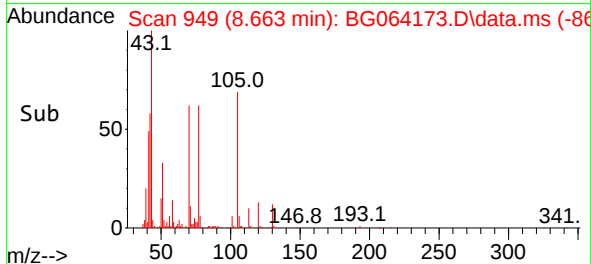
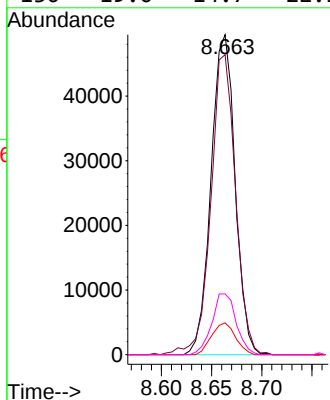
#19
n-Nitroso-di-n-propylamine
Concen: 47.586 ng
RT: 8.663 min Scan# 949
Delta R.T. -0.006 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

Instrument :
BNA_G
ClientSampleId :



Tgt Ion: 70 Resp: 82417

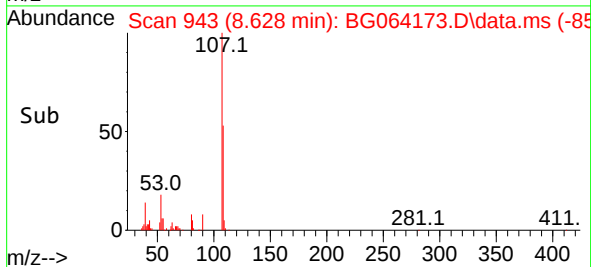
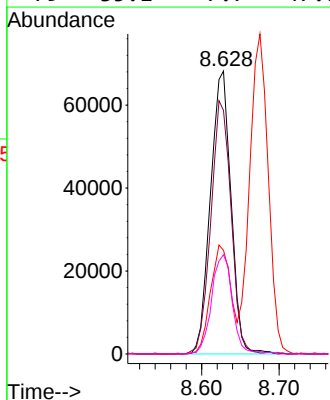
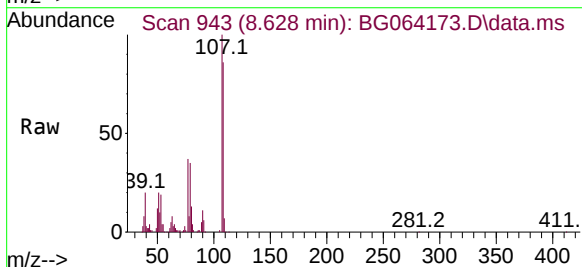
Ion	Ratio	Lower	Upper
70	100		
42	93.7	72.1	108.1
101	10.0	7.2	10.8
130	19.0	14.7	22.1

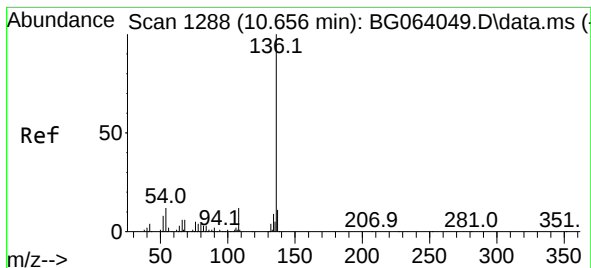


#20
3+4-Methylphenols
Concen: 54.340 ng
RT: 8.628 min Scan# 943
Delta R.T. -0.000 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

Tgt Ion: 107 Resp: 125453

Ion	Ratio	Lower	Upper
107	100		
108	86.1	67.0	107.0
77	36.7	11.2	51.2
79	35.1	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.649 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:136 Resp: 137392

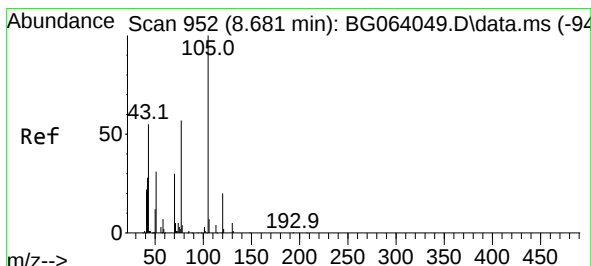
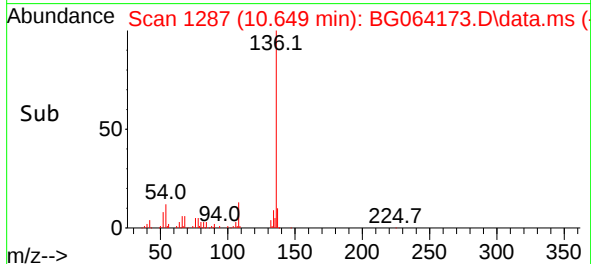
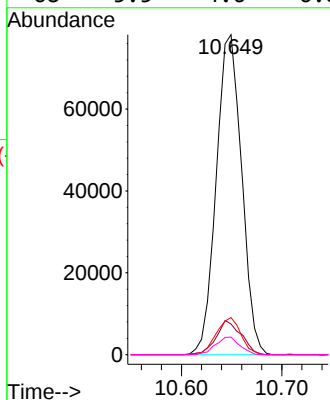
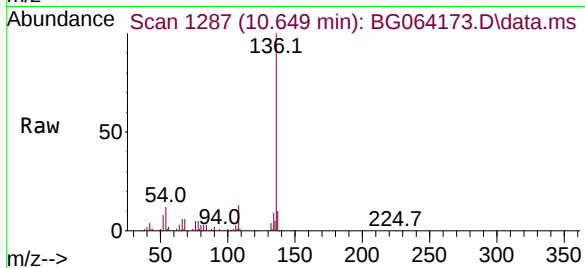
Ion Ratio Lower Upper

136 100

137 9.6 8.5 12.7

54 11.6 9.9 14.9

68 5.5 4.6 6.8



#22

Acetophenone

Concen: 42.244 ng

RT: 8.675 min Scan# 951

Delta R.T. -0.006 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

Tgt Ion:105 Resp: 159135

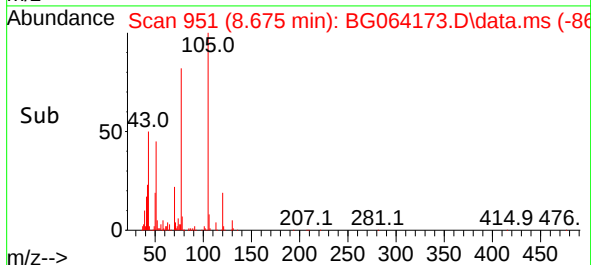
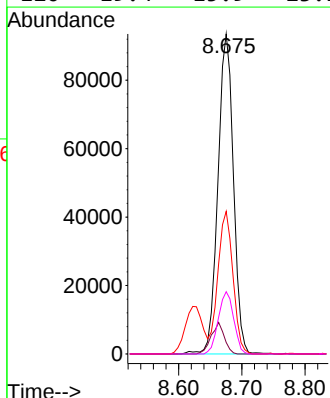
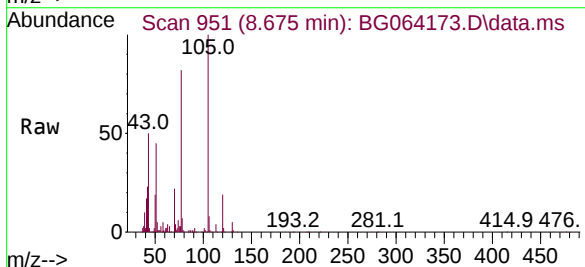
Ion Ratio Lower Upper

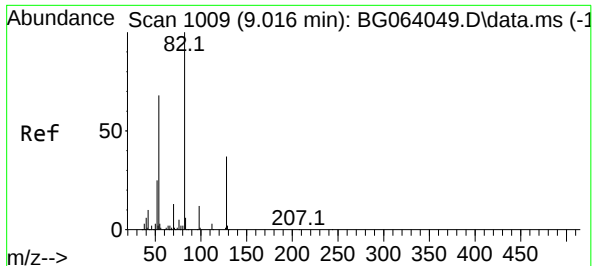
105 100

71 3.6 4.2 6.4#

51 44.5 33.3 49.9

120 19.4 15.9 23.9





#23

Nitrobenzene-d5

Concen: 97.800 ng

RT: 9.010 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

Instrument :

BNA_G

ClientSampleId :

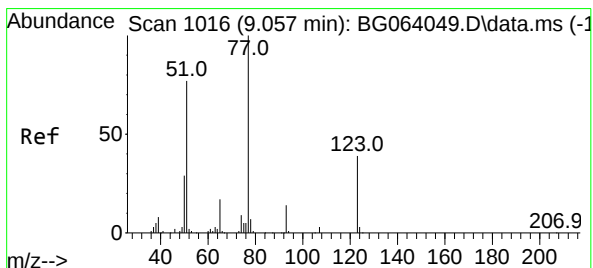
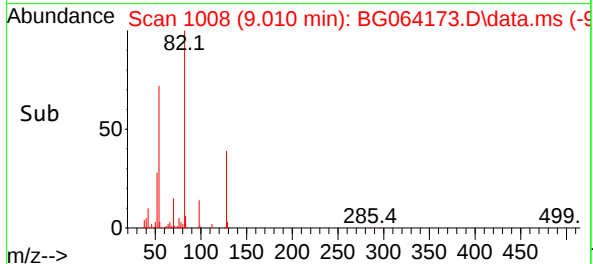
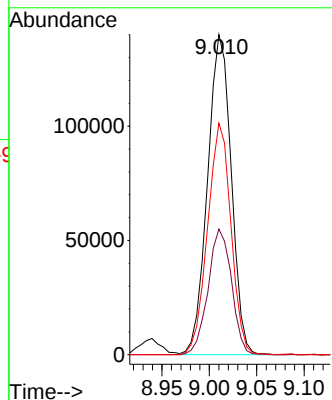
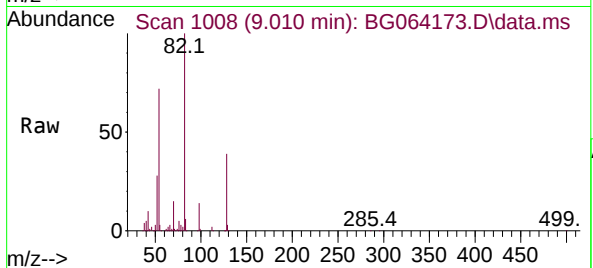
Tgt Ion: 82 Resp: 243149

Ion Ratio Lower Upper

82 100

128 39.3 30.0 45.0

54 72.4 54.7 82.1



#24

Nitrobenzene

Concen: 47.970 ng

RT: 9.051 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

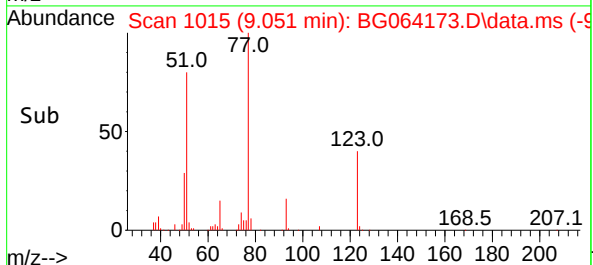
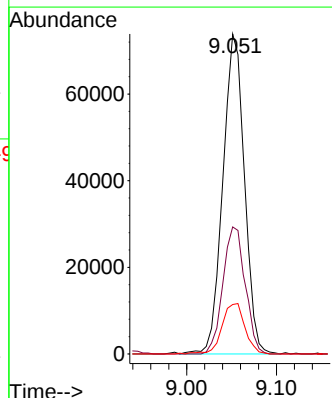
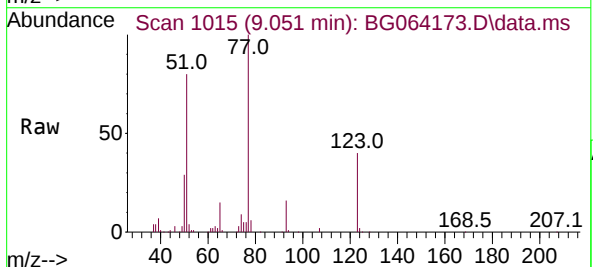
Tgt Ion: 77 Resp: 123254

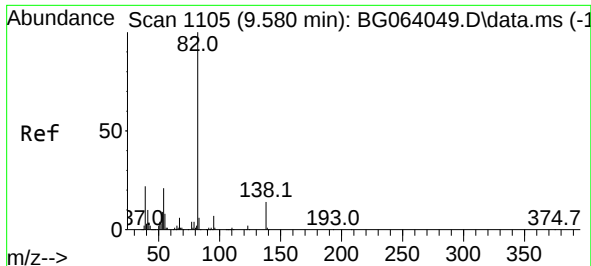
Ion Ratio Lower Upper

77 100

123 39.7 31.4 47.2

65 15.4 13.4 20.0

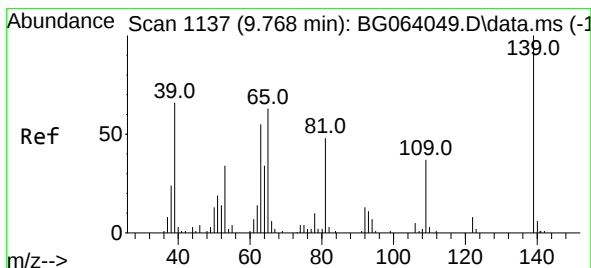
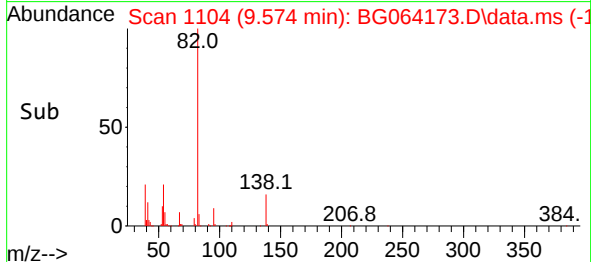
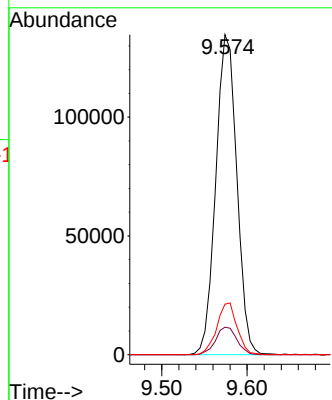
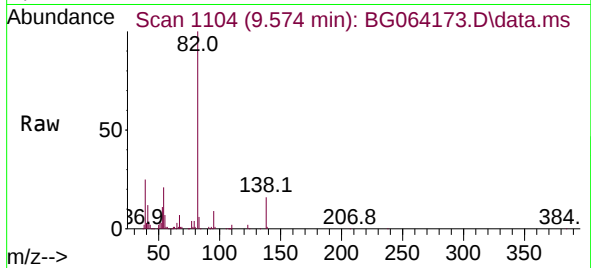




#25
Isophorone
Concen: 46.361 ng
RT: 9.574 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

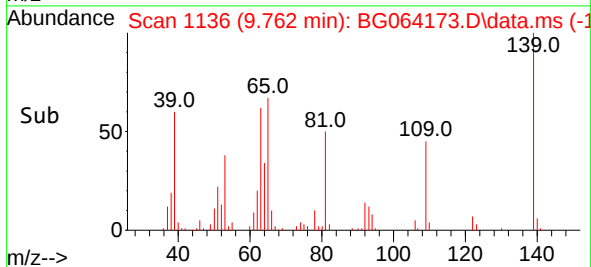
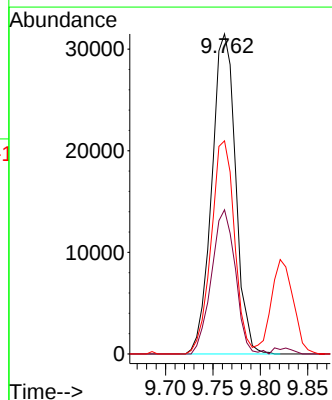
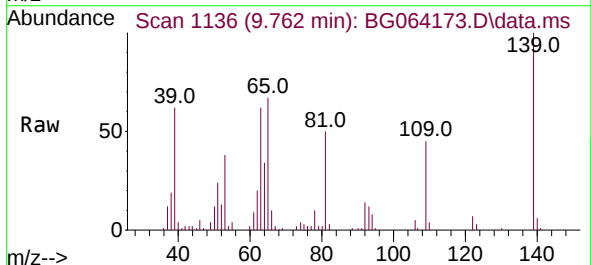
Instrument :
BNA_G
ClientSampleId :

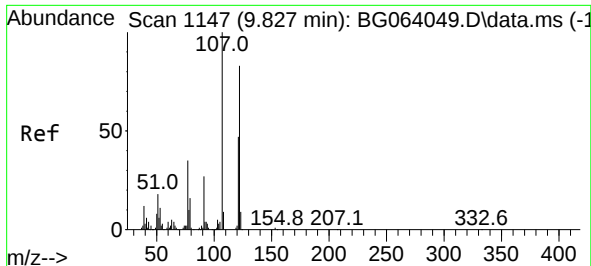
Tgt Ion: 82 Resp: 230706
Ion Ratio Lower Upper
82 100
95 8.6 5.8 8.8
138 15.8 10.9 16.3



#26
2-Nitrophenol
Concen: 58.817 ng
RT: 9.762 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

Tgt Ion:139 Resp: 54963
Ion Ratio Lower Upper
139 100
109 45.1 29.9 44.9#
65 66.6 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 71.211 ng

RT: 9.827 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

Instrument :

BNA_G

ClientSampleId :

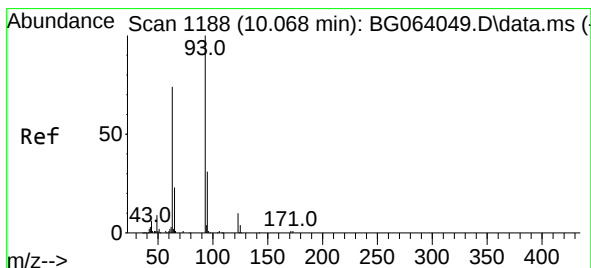
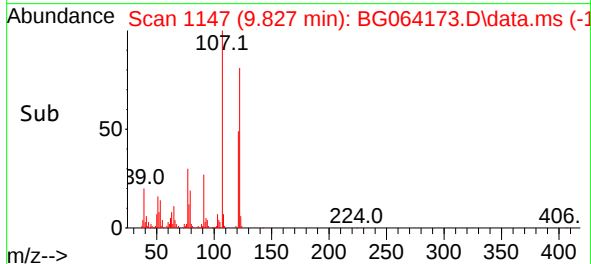
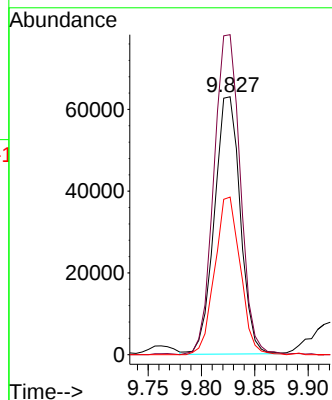
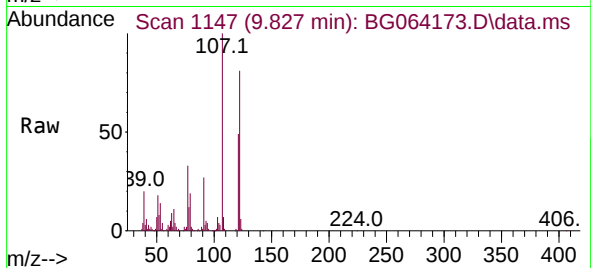
Tgt Ion:122 Resp: 106232

Ion Ratio Lower Upper

122 100

107 124.0 95.4 143.0

121 61.1 44.9 67.3



#28

bis(2-Chloroethoxy)methane

Concen: 44.926 ng

RT: 10.062 min Scan# 1187

Delta R.T. -0.006 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

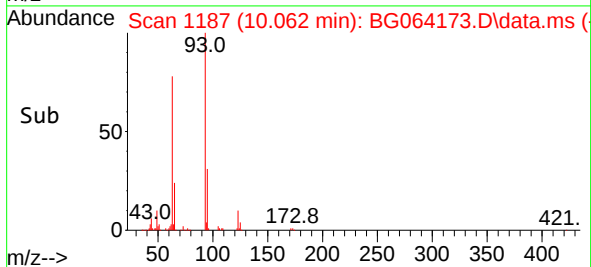
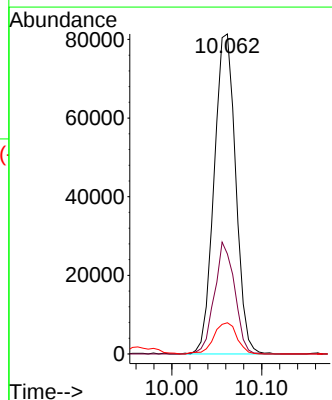
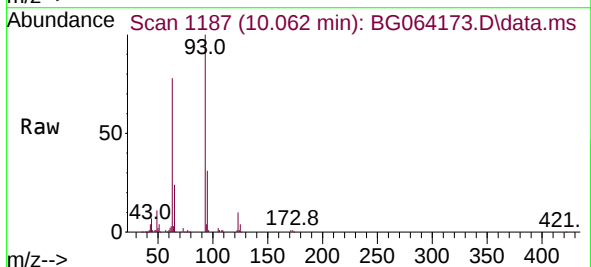
Tgt Ion: 93 Resp: 135542

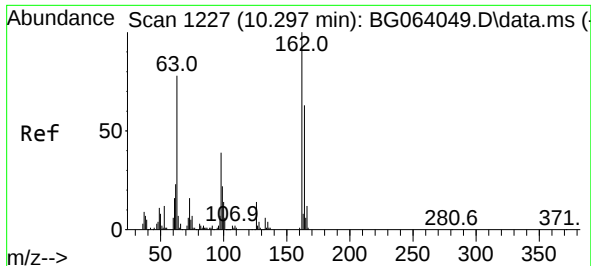
Ion Ratio Lower Upper

93 100

95 31.3 25.0 37.4

123 9.8 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 53.917 ng

RT: 10.297 min Scan# 1227

Delta R.T. -0.000 min

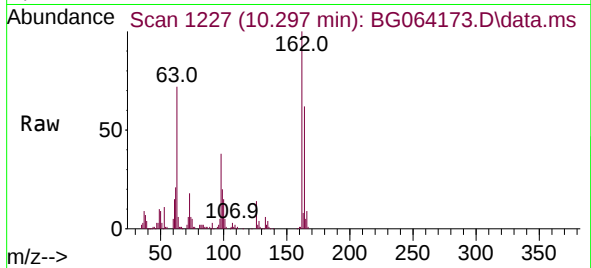
Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

Instrument :

BNA_G

ClientSampleId :



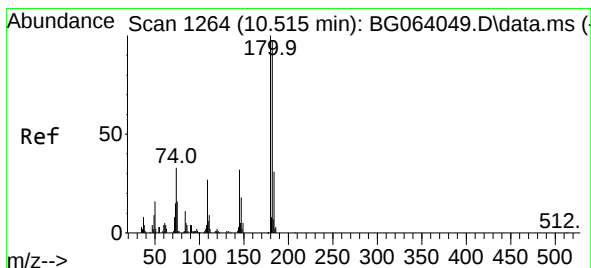
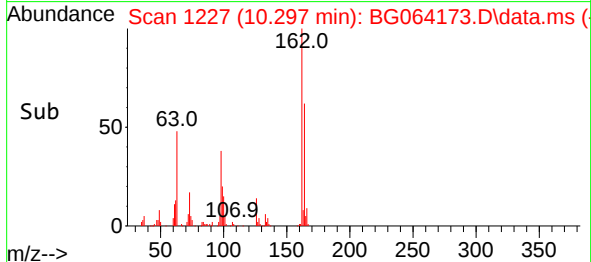
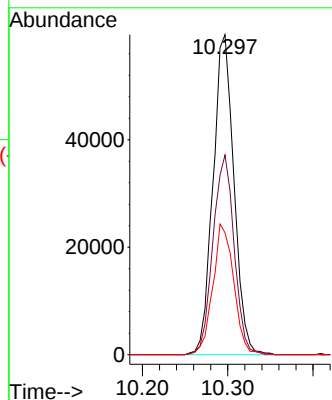
Tgt Ion:162 Resp: 101564

Ion Ratio Lower Upper

162 100

164 62.4 42.8 82.8

98 38.1 19.1 59.1



#30

1,2,4-Trichlorobenzene

Concen: 45.580 ng

RT: 10.508 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

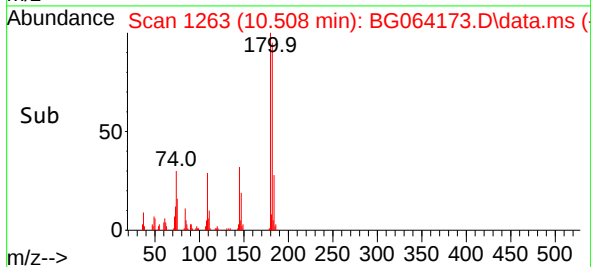
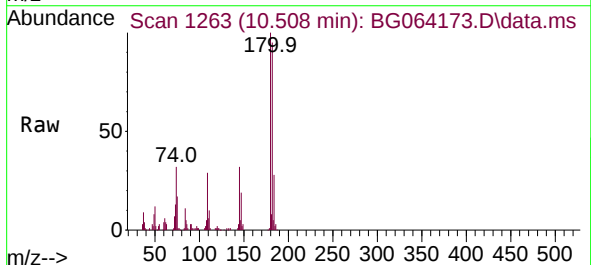
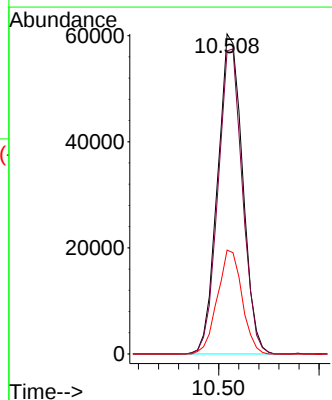
Tgt Ion:180 Resp: 103648

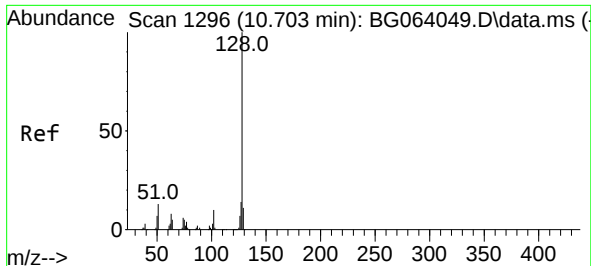
Ion Ratio Lower Upper

180 100

182 94.7 77.3 115.9

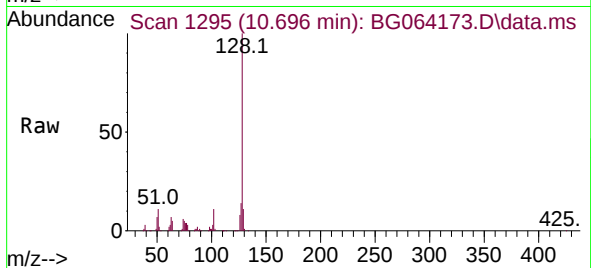
145 32.4 25.2 37.8



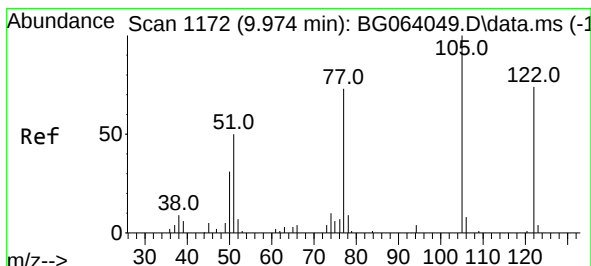
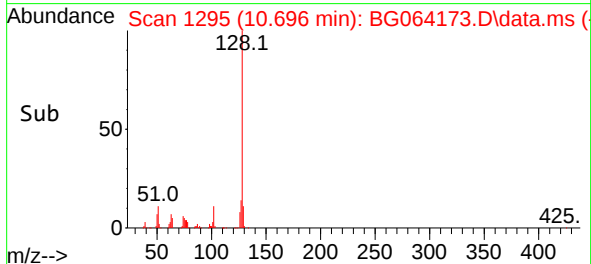
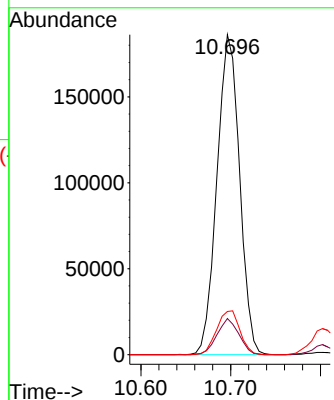


#31
Naphthalene
Concen: 43.961 ng
RT: 10.696 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

Instrument :
BNA_G
ClientSampleId :

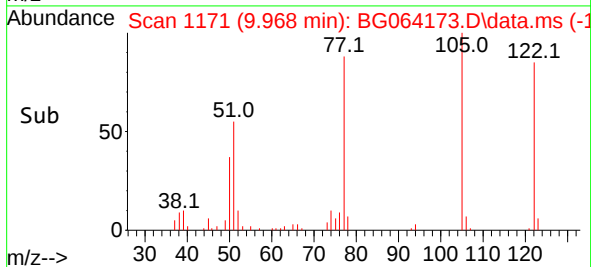
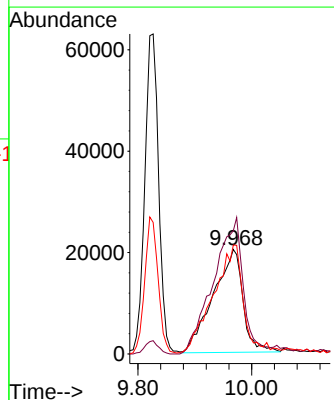
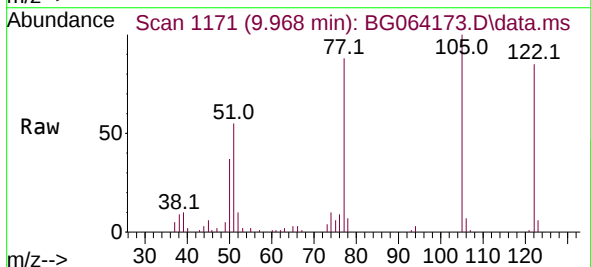


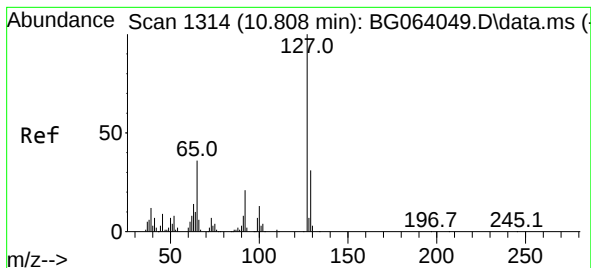
Tgt Ion:128 Resp: 325687
Ion Ratio Lower Upper
128 100
129 11.3 8.4 12.6
127 13.5 11.1 16.7



#32
Benzoic acid
Concen: 53.037 ng
RT: 9.968 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

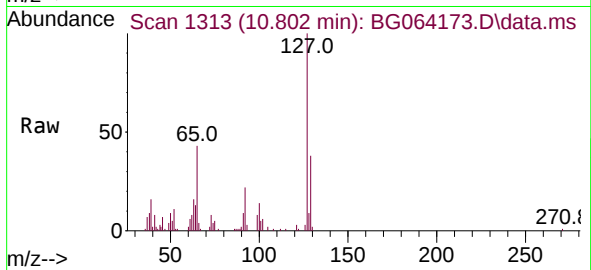
Tgt Ion:122 Resp: 74180
Ion Ratio Lower Upper
122 100
105 118.0 115.0 155.0
77 104.3 80.9 120.9



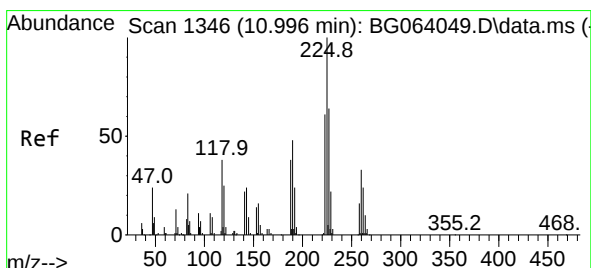
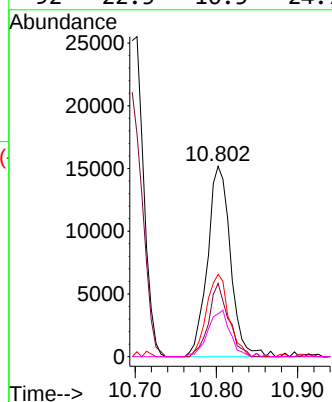
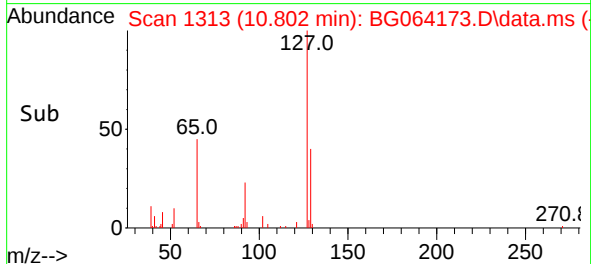


#33
4-Chloroaniline
Concen: 11.034 ng
RT: 10.802 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

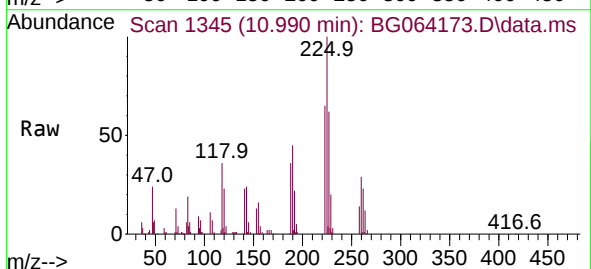
Instrument :
BNA_G
ClientSampleId :



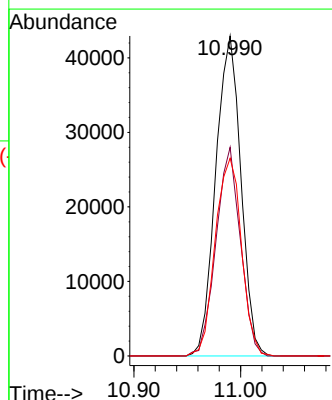
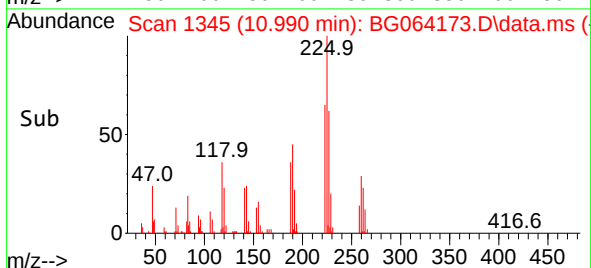
Tgt Ion:	127	Resp:	29877
Ion	Ratio	Lower	Upper
127	100		
129	38.5	25.0	37.4#
65	43.3	28.5	42.7#
92	22.5	16.5	24.7

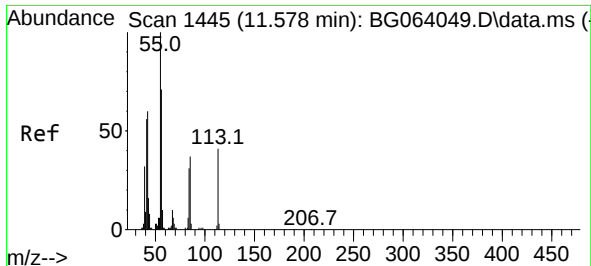


#34
Hexachlorobutadiene
Concen: 47.202 ng
RT: 10.990 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17



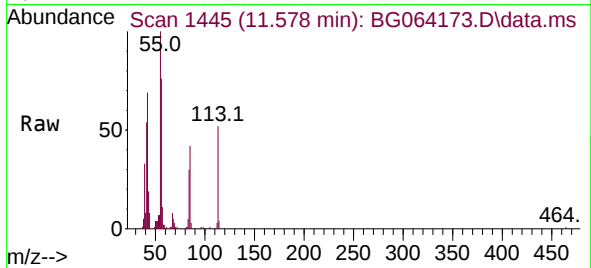
Tgt Ion:	225	Resp:	70355
Ion	Ratio	Lower	Upper
225	100		
223	65.2	48.5	72.7
227	61.8	51.0	76.6



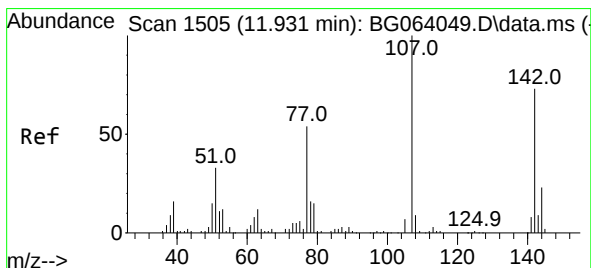
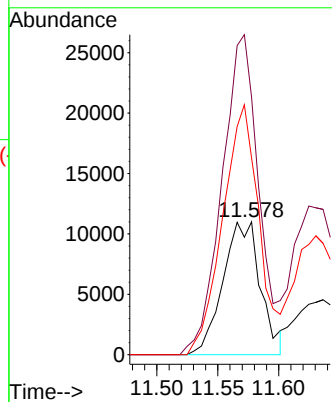
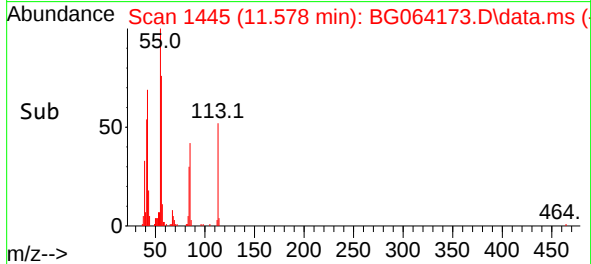


#35
Caprolactam
Concen: 32.600 ng
RT: 11.578 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

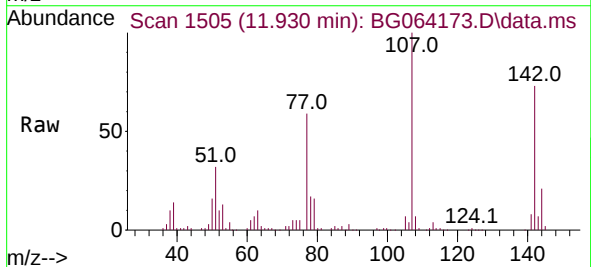
Instrument :
BNA_G
ClientSampleId :



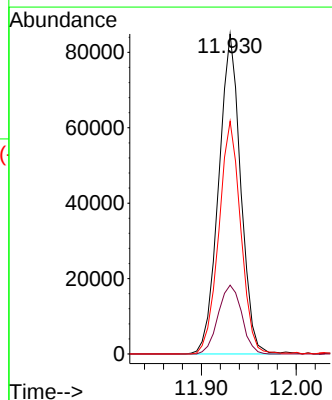
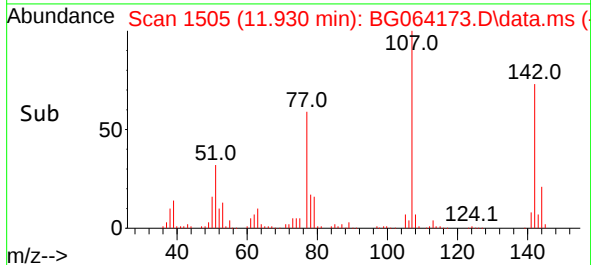
Tgt Ion:113 Resp: 23533
Ion Ratio Lower Upper
113 100
55 194.0 225.2 265.2#
56 148.2 153.4 193.4#



#36
4-Chloro-3-methylphenol
Concen: 55.426 ng
RT: 11.930 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17



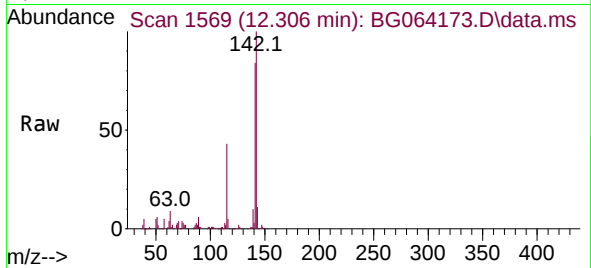
Tgt Ion:107 Resp: 136856
Ion Ratio Lower Upper
107 100
144 21.5 18.6 28.0
142 72.7 58.0 87.0



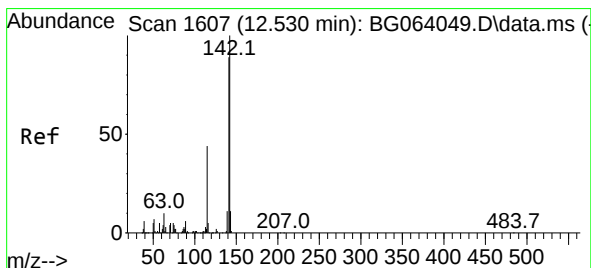
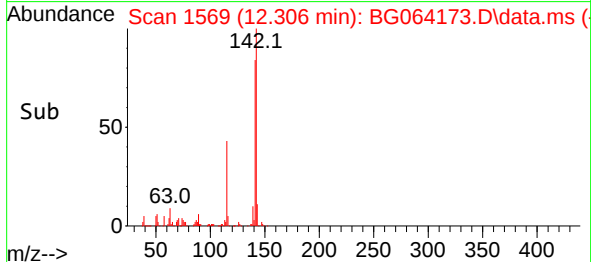
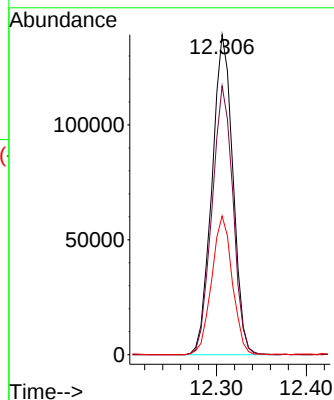


#37
2-Methylnaphthalene
Concen: 43.093 ng
RT: 12.306 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

Instrument :
BNA_G
ClientSampleId :

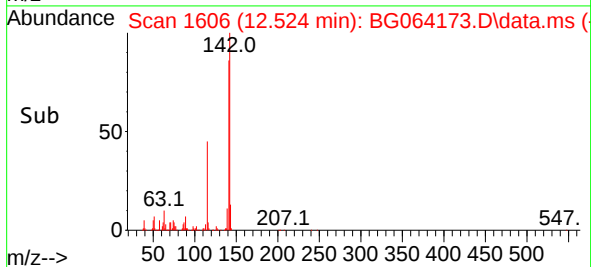
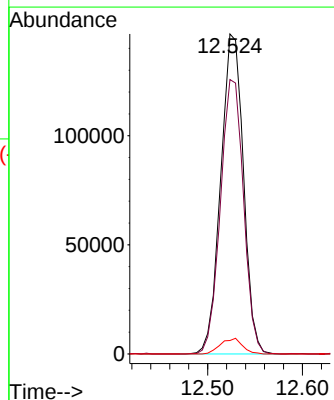
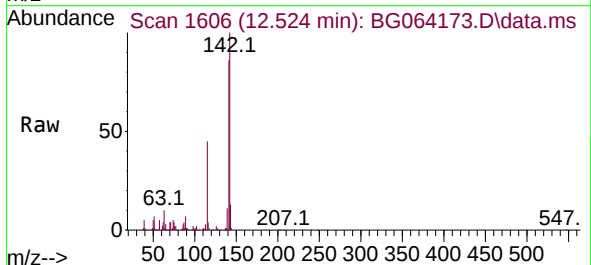


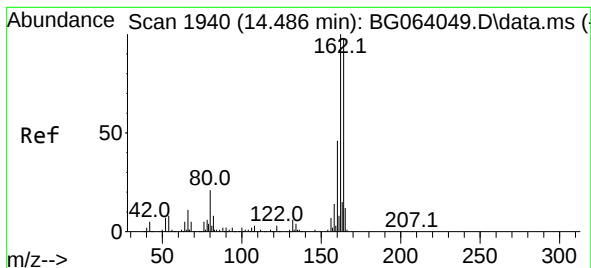
Tgt Ion:142 Resp: 225381
Ion Ratio Lower Upper
142 100
141 84.0 68.6 103.0
115 43.3 32.8 49.2



#38
1-Methylnaphthalene
Concen: 47.566 ng
RT: 12.524 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

Tgt Ion:142 Resp: 243729
Ion Ratio Lower Upper
142 100
141 85.8 71.2 106.8
116 4.2 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.480 min Scan# 1940

Delta R.T. -0.006 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

Instrument :

BNA_G

ClientSampleId :

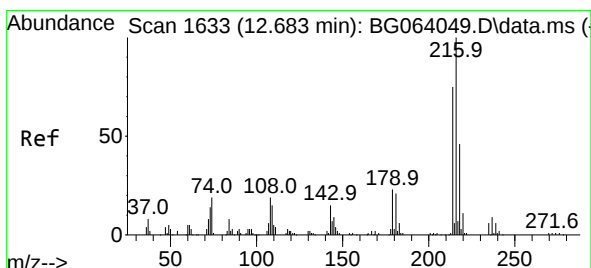
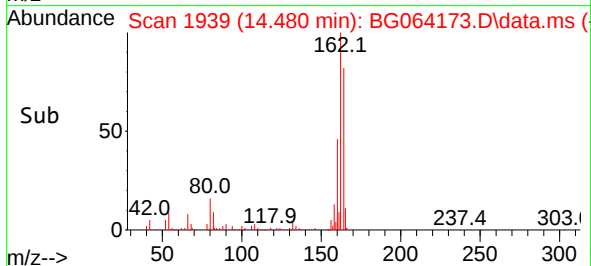
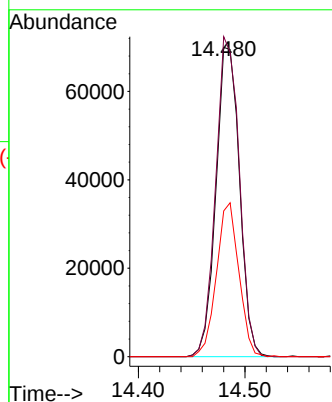
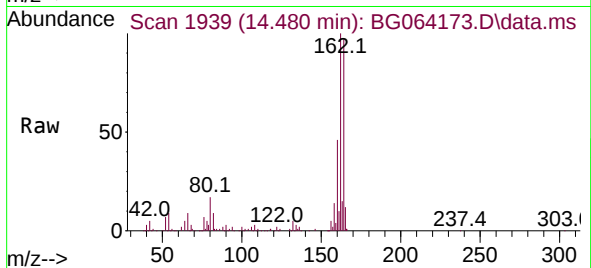
Tgt Ion:164 Resp: 107393

Ion Ratio Lower Upper

164 100

162 103.5 81.4 122.0

160 47.2 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.271 ng

RT: 12.676 min Scan# 1632

Delta R.T. -0.006 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

Tgt Ion:216 Resp: 132670

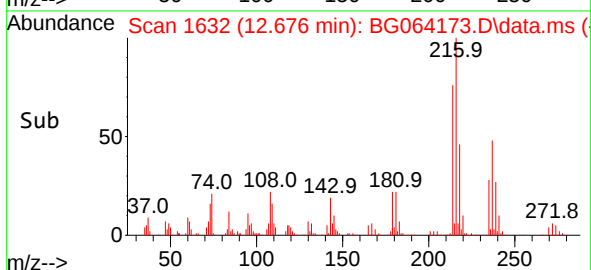
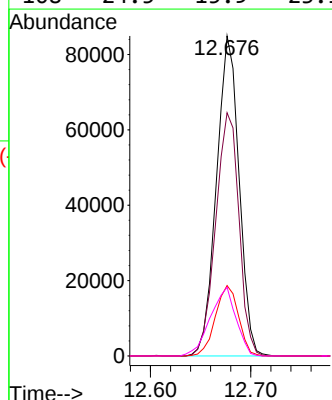
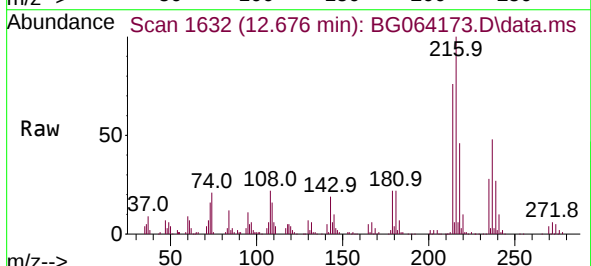
Ion Ratio Lower Upper

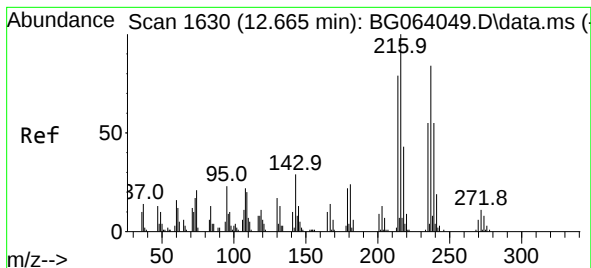
216 100

214 78.3 61.7 92.5

179 22.5 17.9 26.9

108 24.5 15.9 23.9#





#41

Hexachlorocyclopentadiene

Concen: 225.856 ng

RT: 12.659 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

Instrument :

BNA_G

ClientSampleId :

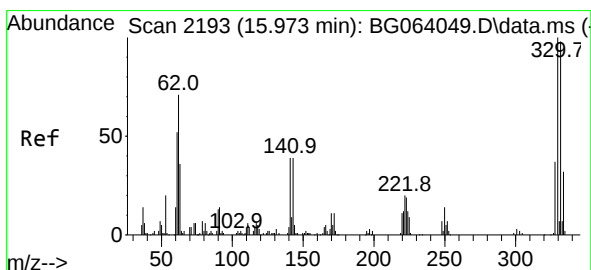
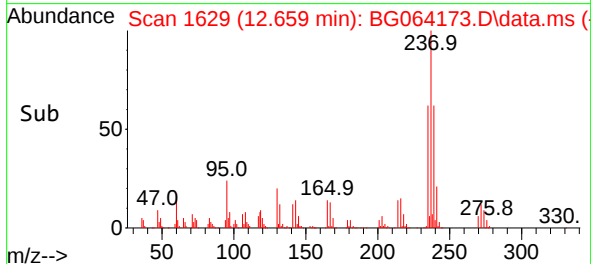
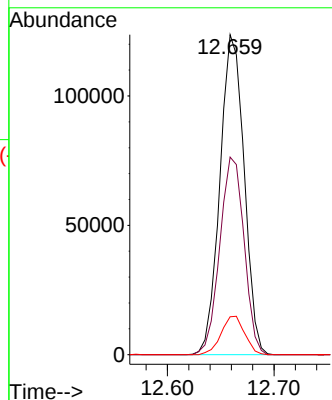
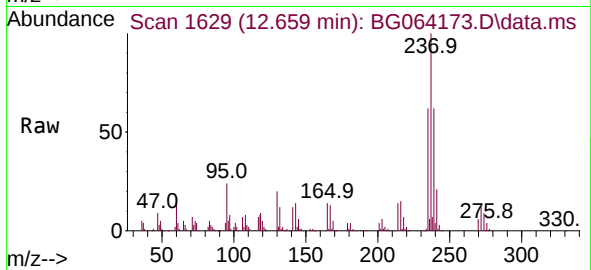
Tgt Ion:237 Resp: 194898

Ion Ratio Lower Upper

237 100

235 61.8 46.0 86.0

272 11.8 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 171.293 ng

RT: 15.972 min Scan# 2193

Delta R.T. -0.000 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

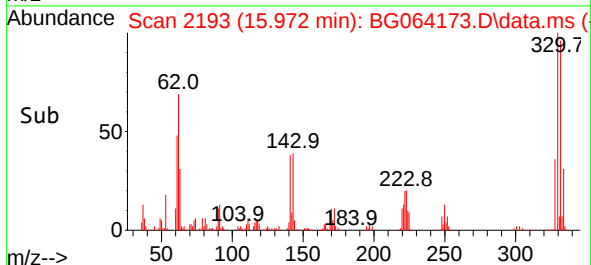
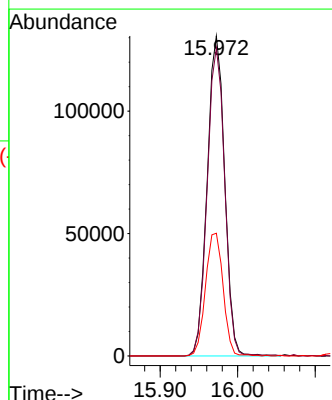
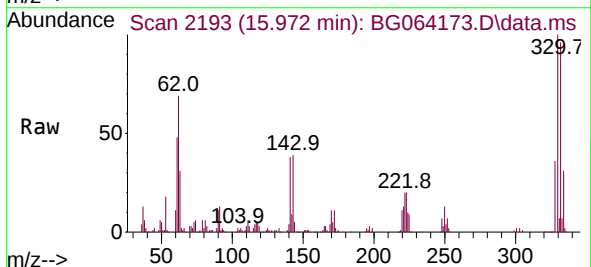
Tgt Ion:330 Resp: 204481

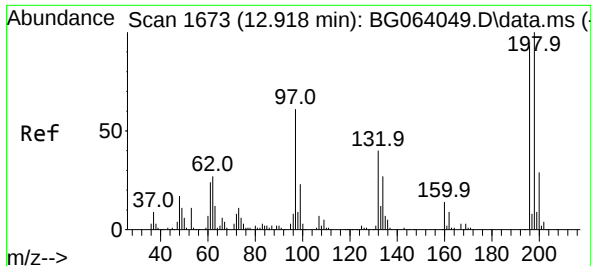
Ion Ratio Lower Upper

330 100

332 96.6 76.7 115.1

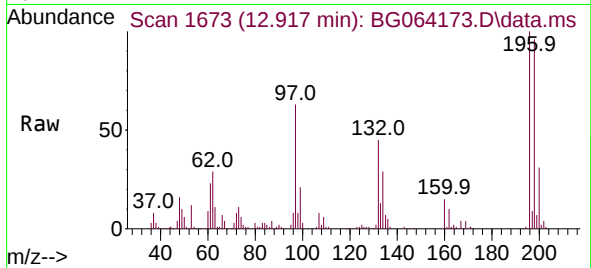
141 38.8 29.7 44.5



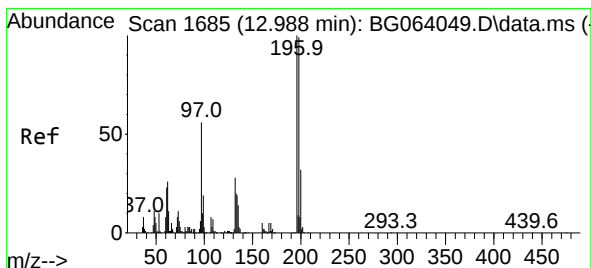
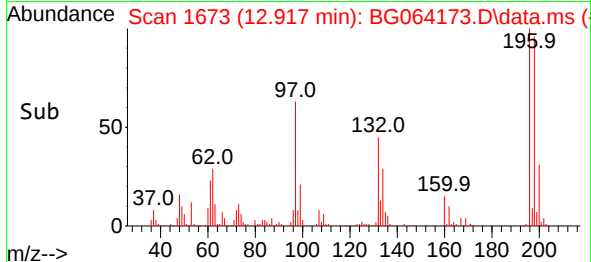
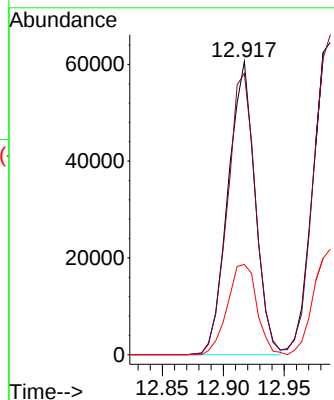


#43
 2,4,6-Trichlorophenol
 Concen: 51.657 ng
 RT: 12.917 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BG064173.D
 Acq: 3 Apr 2025 19:17

Instrument :
 BNA_G
 ClientSampleId :

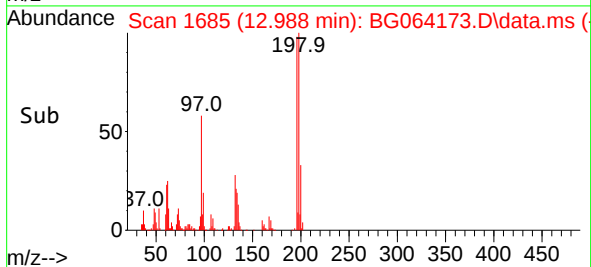
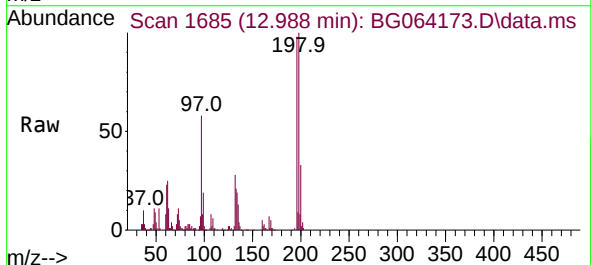
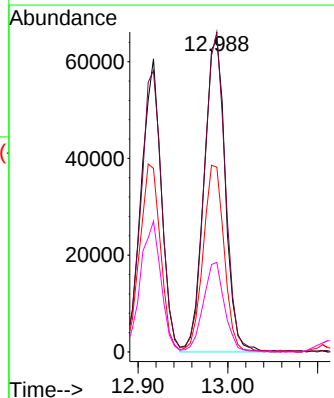


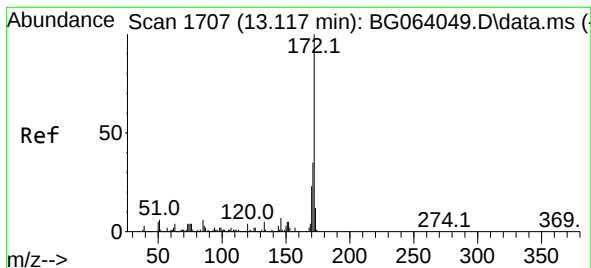
Tgt Ion:196 Resp: 93345
 Ion Ratio Lower Upper
 196 100
 198 96.0 85.6 128.4
 200 30.8 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 53.475 ng
 RT: 12.988 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: BG064173.D
 Acq: 3 Apr 2025 19:17

Tgt Ion:196 Resp: 107368
 Ion Ratio Lower Upper
 196 100
 198 102.5 79.5 119.3
 97 59.2 45.2 67.8
 132 28.7 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 85.612 ng

RT: 13.111 min Scan# 1707

Delta R.T. -0.006 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

Instrument :

BNA_G

ClientSampleId :

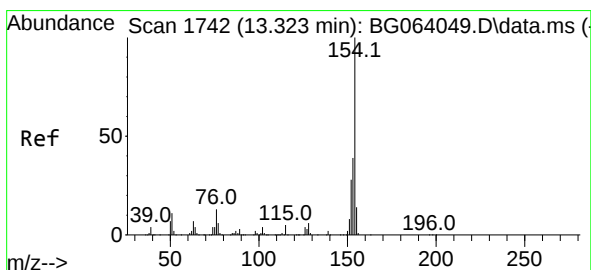
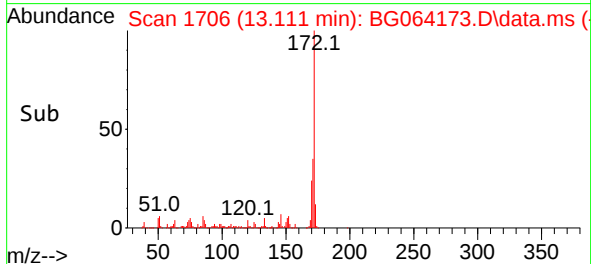
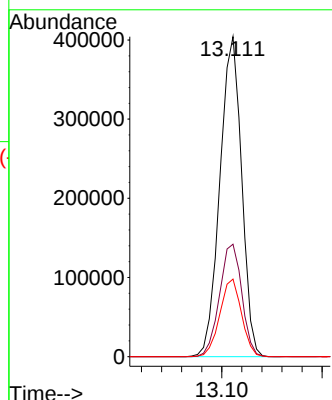
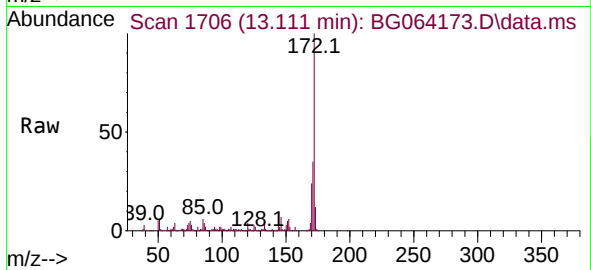
Tgt Ion:172 Resp: 605724

Ion Ratio Lower Upper

172 100

171 35.2 28.0 42.0

170 24.2 18.7 28.1



#46

1,1'-Biphenyl

Concen: 44.426 ng

RT: 13.323 min Scan# 1742

Delta R.T. -0.000 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

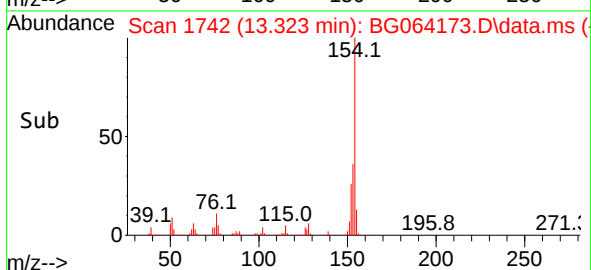
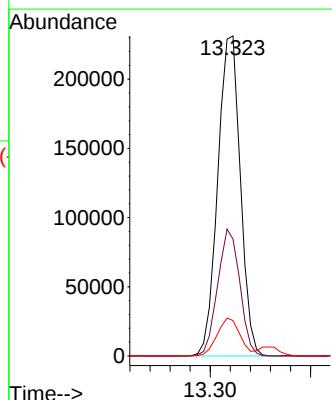
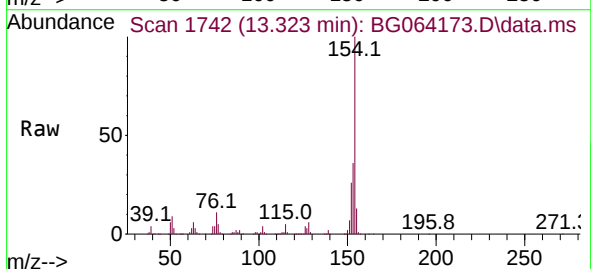
Tgt Ion:154 Resp: 360456

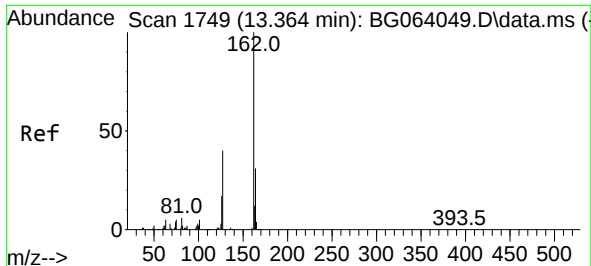
Ion Ratio Lower Upper

154 100

153 36.5 19.5 59.5

76 11.0 0.0 33.5

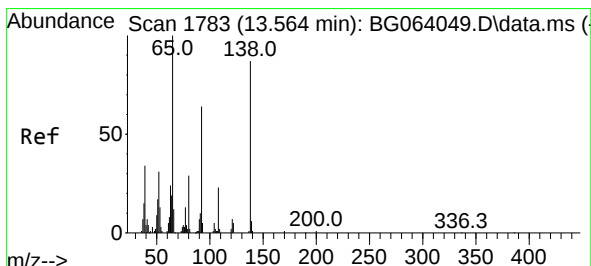
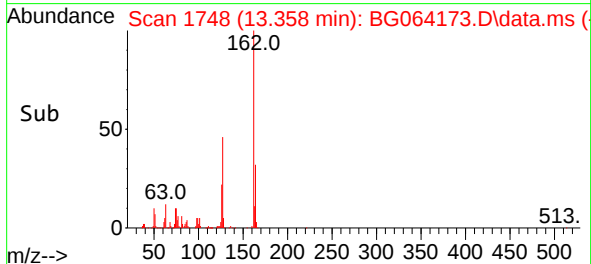
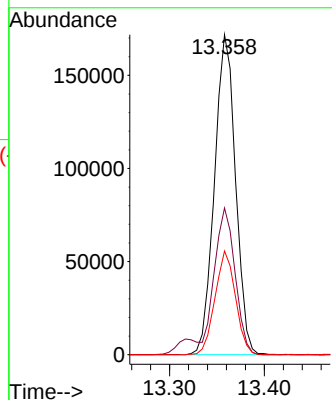
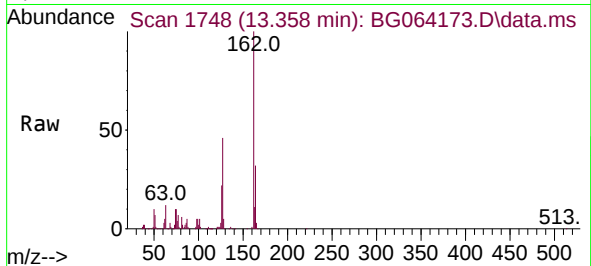




#47
2-Chloronaphthalene
Concen: 44.896 ng
RT: 13.358 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

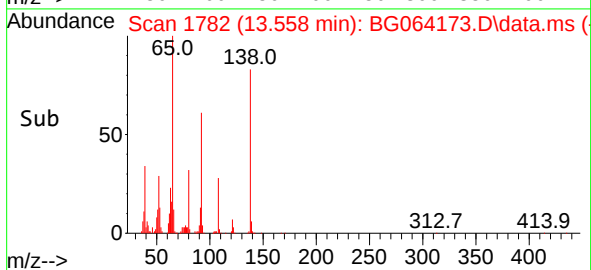
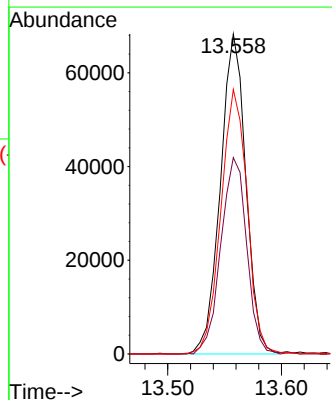
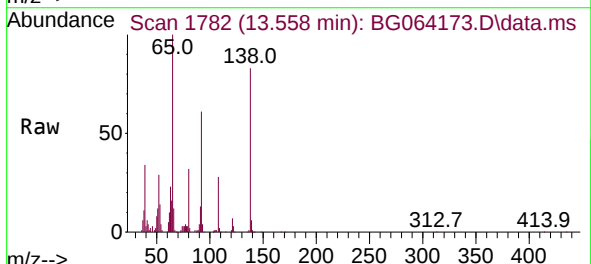
Instrument :
BNA_G
ClientSampleId :

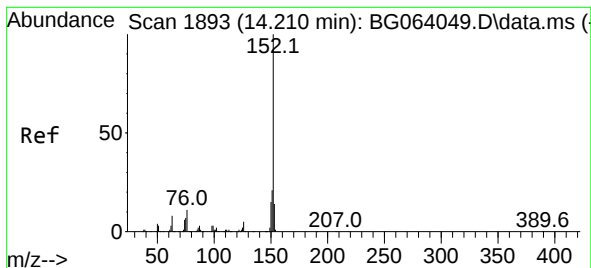
Tgt Ion:162 Resp: 265674
Ion Ratio Lower Upper
162 100
127 45.9 35.0 52.4
164 32.4 25.0 37.6



#48
2-Nitroaniline
Concen: 52.905 ng
RT: 13.558 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

Tgt Ion: 65 Resp: 106132
Ion Ratio Lower Upper
65 100
92 61.3 51.2 76.8
138 82.7 69.4 104.2





#49

Acenaphthylene

Concen: 49.433 ng

RT: 14.204 min Scan# 1

Delta R.T. -0.006 min

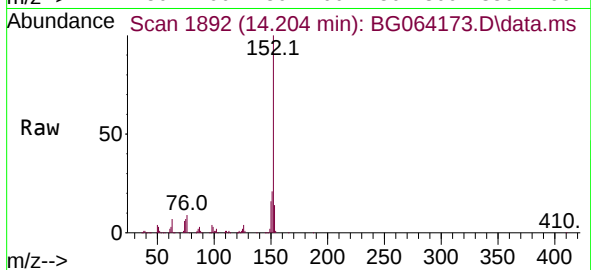
Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

Instrument :

BNA_G

ClientSampleId :



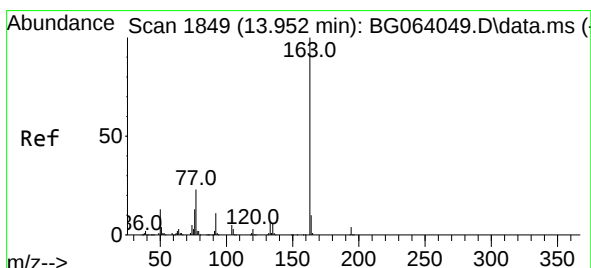
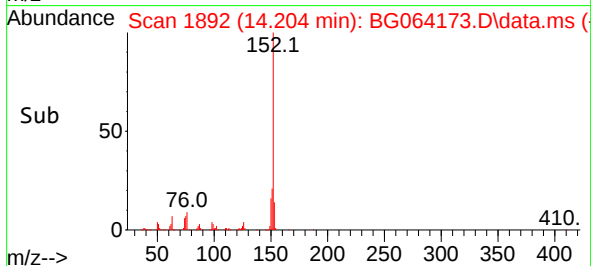
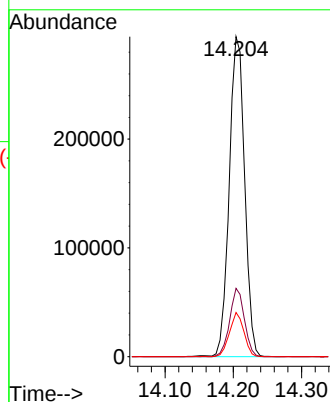
Tgt Ion:152 Resp: 462687

Ion Ratio Lower Upper

152 100

151 21.4 16.4 24.6

153 13.8 10.9 16.3



#50

Dimethylphthalate

Concen: 47.492 ng

RT: 13.945 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

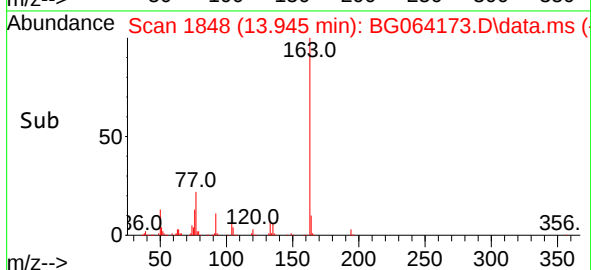
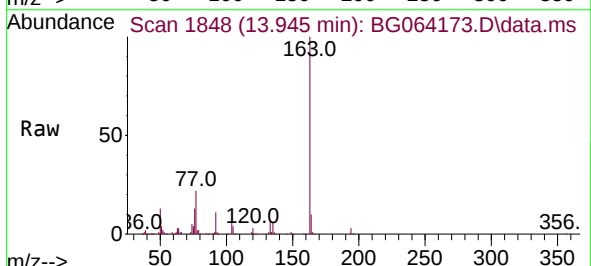
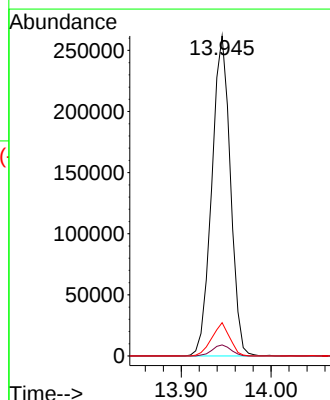
Tgt Ion:163 Resp: 376489

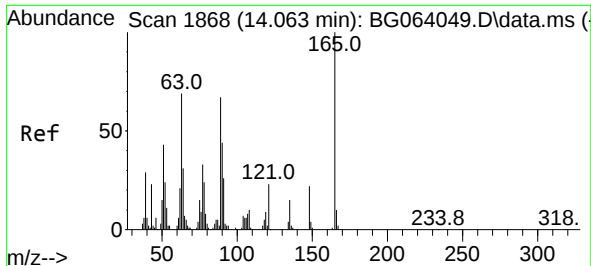
Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

164 10.4 8.2 12.2

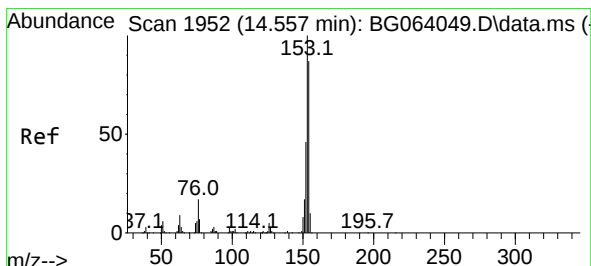
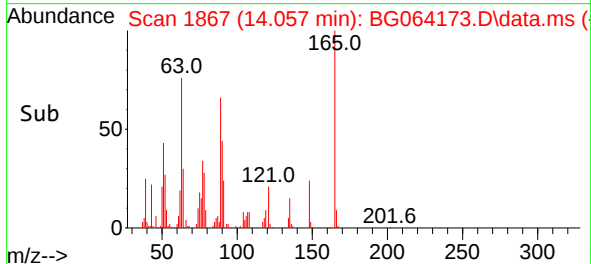
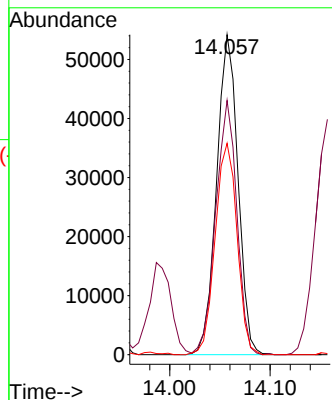
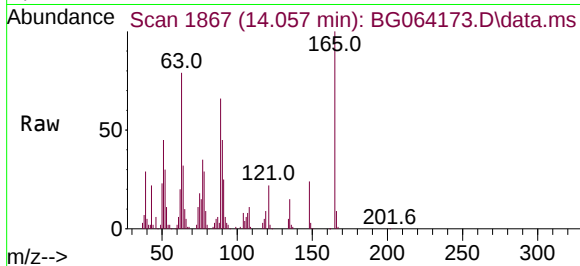




#51
2,6-Dinitrotoluene
Concen: 49.677 ng
RT: 14.057 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

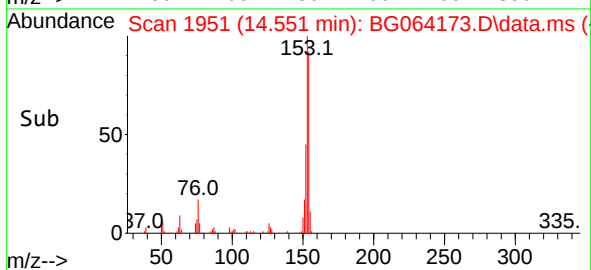
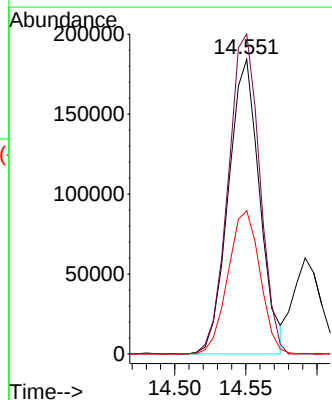
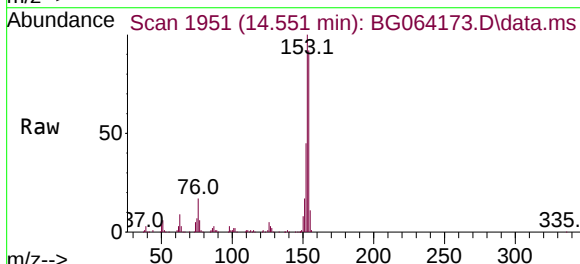
Instrument :
BNA_G
ClientSampleId :

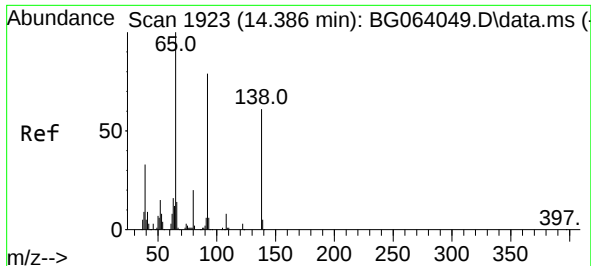
Tgt Ion:165 Resp: 80098
Ion Ratio Lower Upper
165 100
63 79.5 56.7 85.1
89 66.1 53.7 80.5



#52
Acenaphthene
Concen: 44.991 ng
RT: 14.551 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

Tgt Ion:154 Resp: 282611
Ion Ratio Lower Upper
154 100
153 108.6 91.6 137.4
152 48.7 42.5 63.7

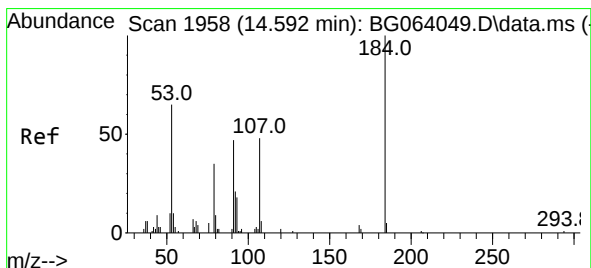
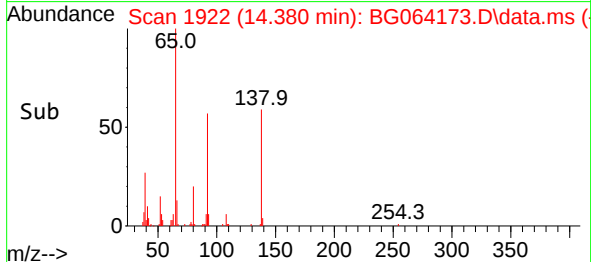
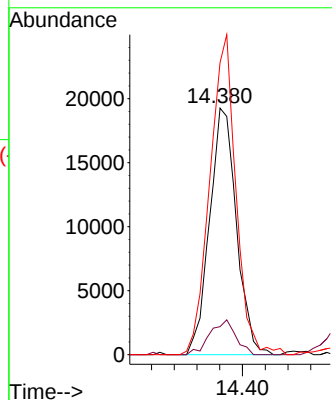
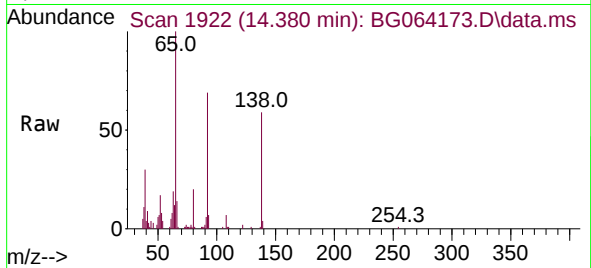




#53
3-Nitroaniline
Concen: 20.602 ng
RT: 14.380 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

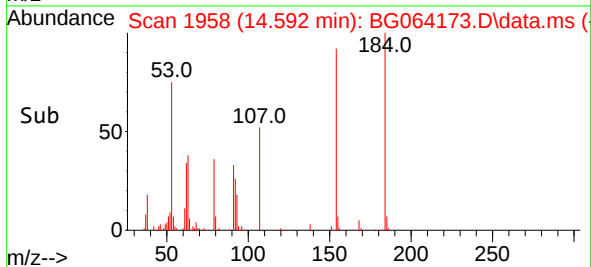
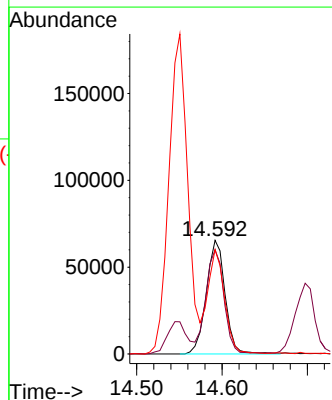
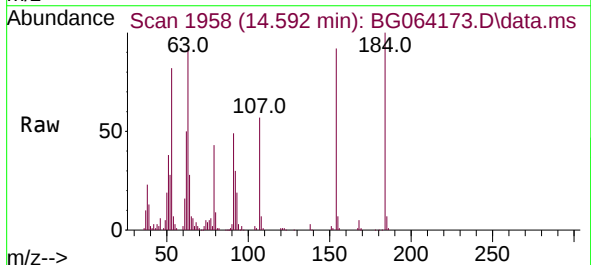
Instrument :
BNA_G
ClientSampleId :

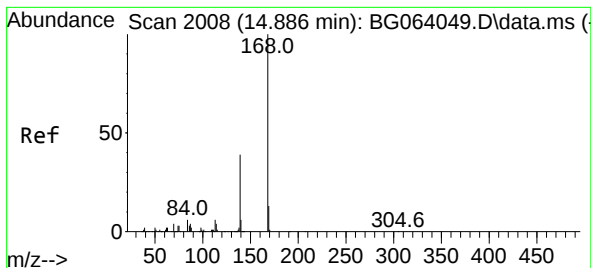
Tgt Ion:138 Resp: 31565
Ion Ratio Lower Upper
138 100
108 11.3 10.1 15.1
92 118.4 104.1 156.1



#54
2,4-Dinitrophenol
Concen: 142.446 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

Tgt Ion:184 Resp: 100093
Ion Ratio Lower Upper
184 100
63 91.8 57.5 86.3#
154 91.9 52.3 78.5#





#55

Dibenzofuran

Concen: 44.074 ng

RT: 14.886 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

Instrument :

BNA_G

ClientSampleId :

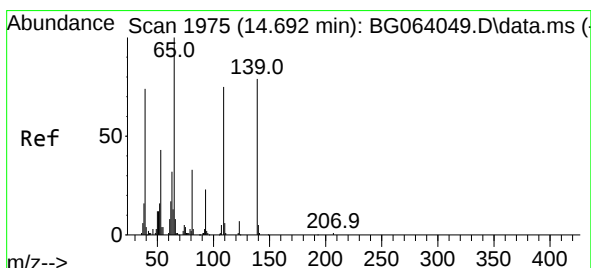
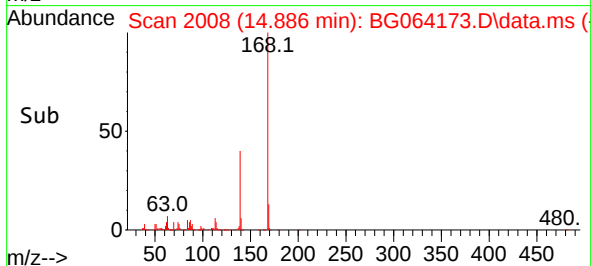
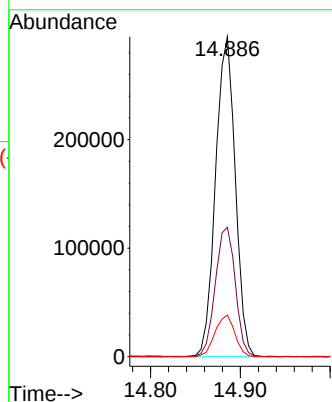
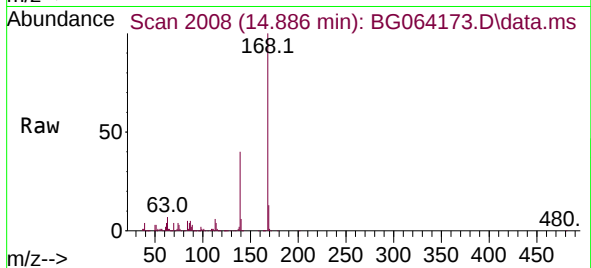
Tgt Ion:168 Resp: 448500

Ion Ratio Lower Upper

168 100

139 40.4 31.1 46.7

169 13.0 10.5 15.7



#56

4-Nitrophenol

Concen: 112.568 ng

RT: 14.698 min Scan# 1976

Delta R.T. 0.006 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

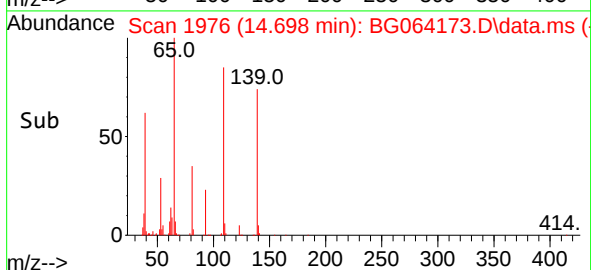
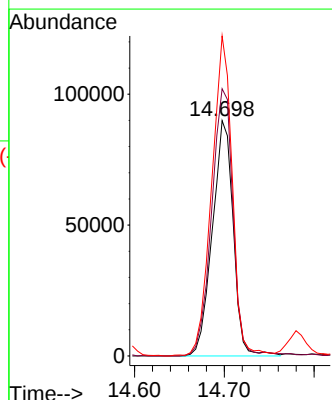
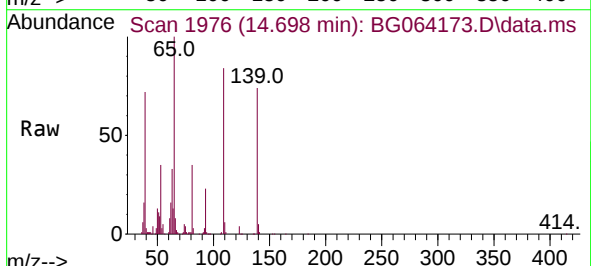
Tgt Ion:139 Resp: 144648

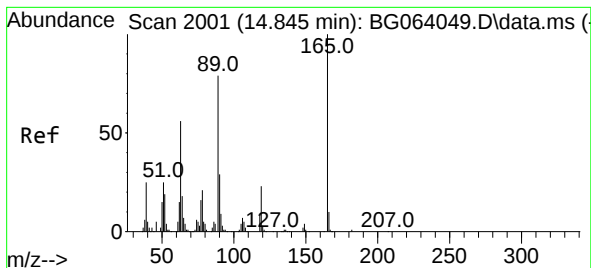
Ion Ratio Lower Upper

139 100

109 113.5 74.9 114.9

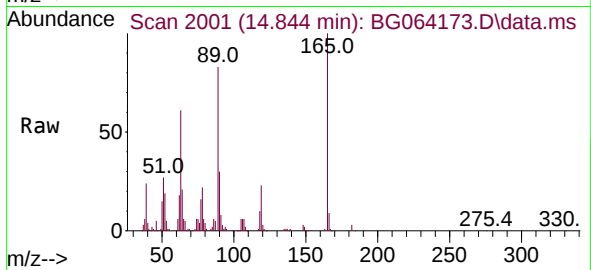
65 135.9 106.8 146.8



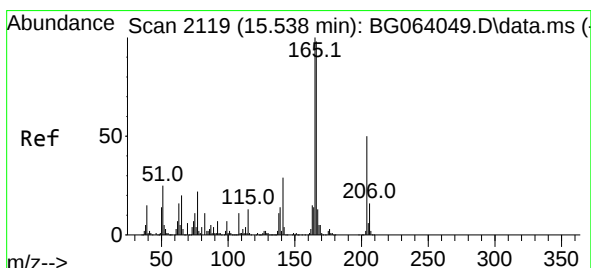
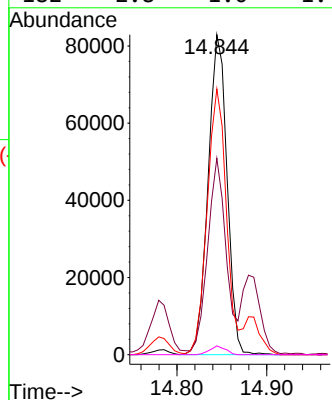
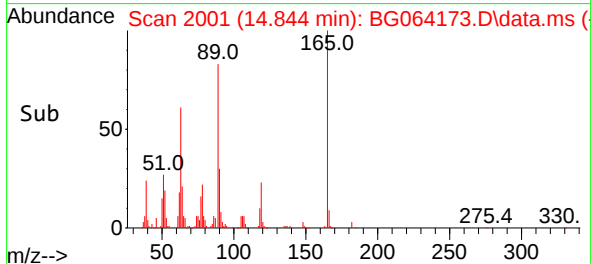


#57
 2,4-Dinitrotoluene
 Concen: 54.211 ng
 RT: 14.844 min Scan# 2001
 Delta R.T. -0.001 min
 Lab File: BG064173.D
 Acq: 3 Apr 2025 19:17

Instrument :
 BNA_G
 ClientSampleId :

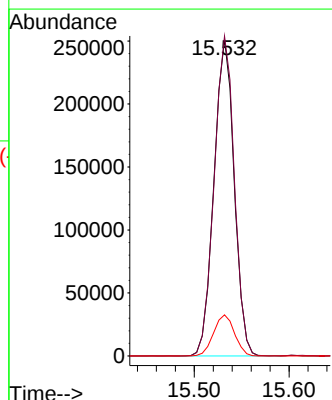
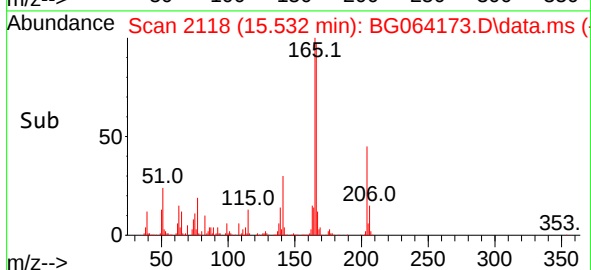
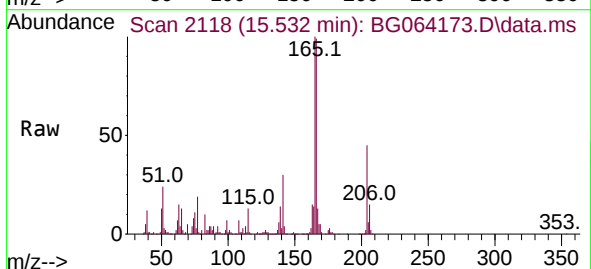


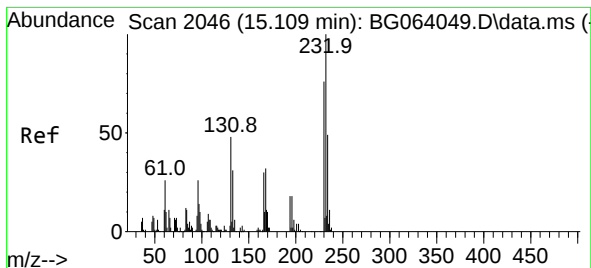
Tgt Ion:165 Resp: 121433
 Ion Ratio Lower Upper
 165 100
 63 61.4 45.0 67.6
 89 83.0 63.1 94.7
 182 2.8 1.0 1.4#



#58
 Fluorene
 Concen: 46.987 ng
 RT: 15.532 min Scan# 2118
 Delta R.T. -0.006 min
 Lab File: BG064173.D
 Acq: 3 Apr 2025 19:17

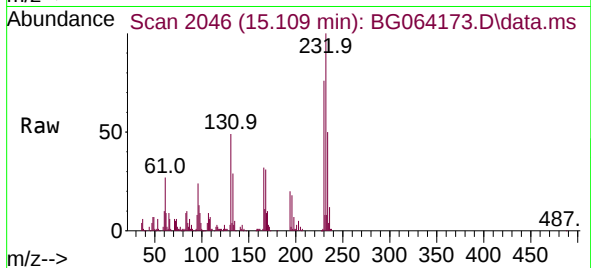
Tgt Ion:166 Resp: 372397
 Ion Ratio Lower Upper
 166 100
 165 101.1 81.8 122.8
 167 13.0 10.8 16.2



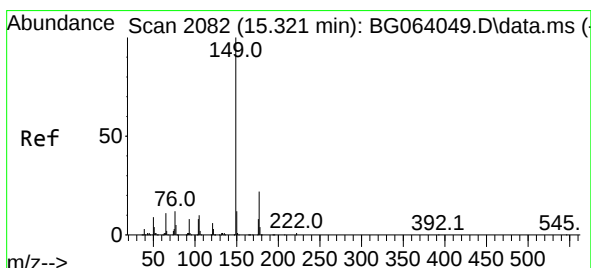
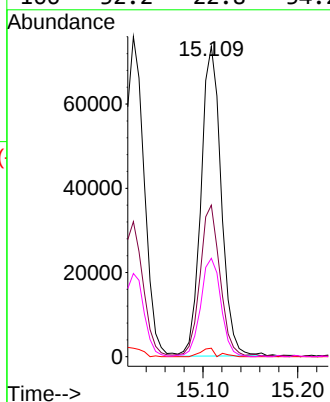
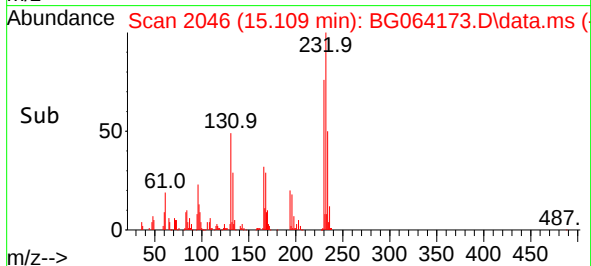


#59
2,3,4,6-Tetrachlorophenol
Concen: 55.484 ng
RT: 15.109 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

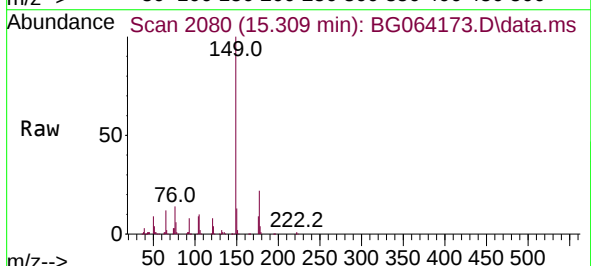
Instrument :
BNA_G
ClientSampleId :



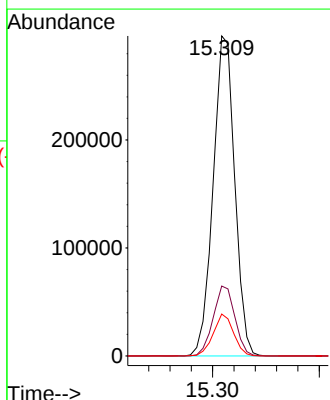
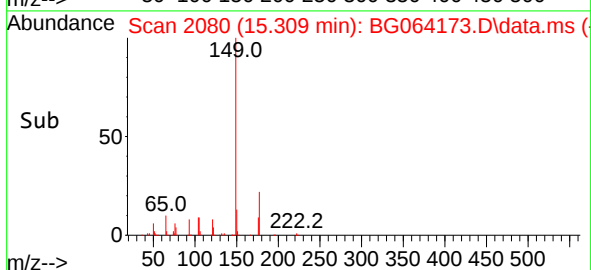
Tgt Ion:232 Resp: 108606
Ion Ratio Lower Upper
232 100
131 49.2 36.3 54.5
130 2.2 1.9 2.9
166 32.2 22.8 34.2

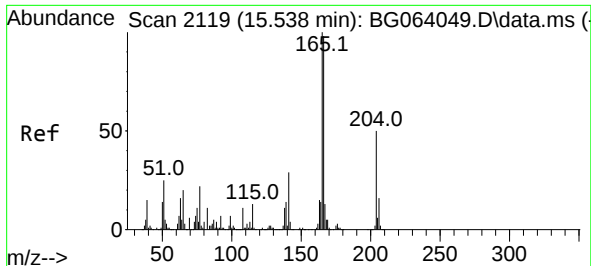


#60
Diethylphthalate
Concen: 48.408 ng
RT: 15.309 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17



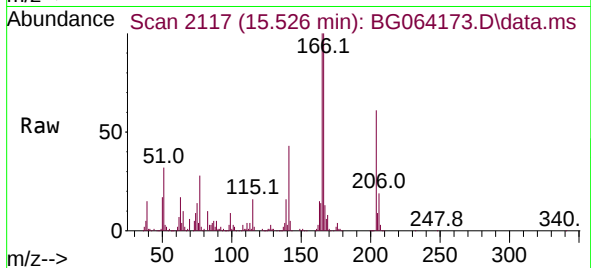
Tgt Ion:149 Resp: 416605
Ion Ratio Lower Upper
149 100
177 21.8 17.4 26.2
150 13.1 9.4 14.2



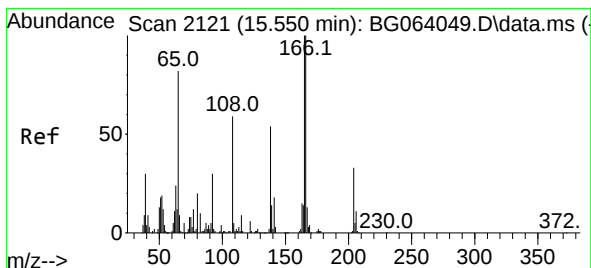
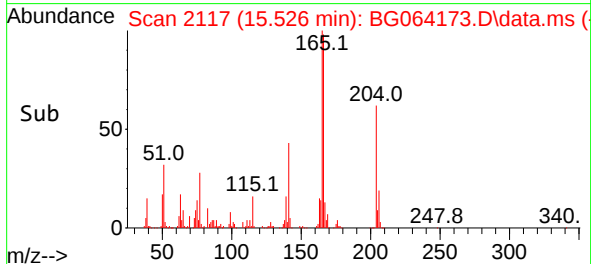
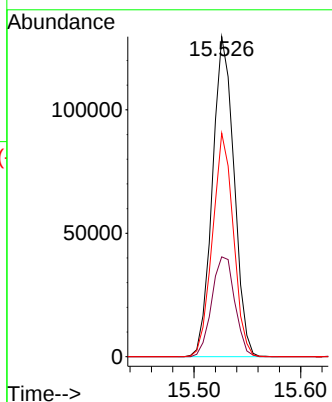


#61
4-Chlorophenyl-phenylether
Concen: 46.321 ng
RT: 15.526 min Scan# 2117
Delta R.T. -0.012 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

Instrument :
BNA_G
ClientSampleId :

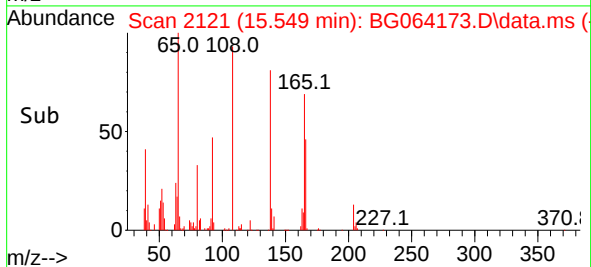
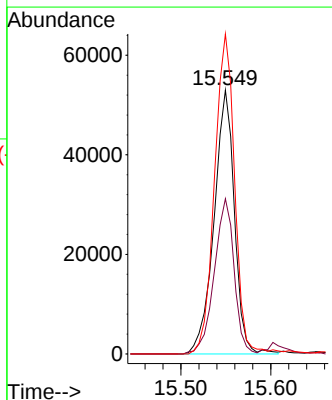
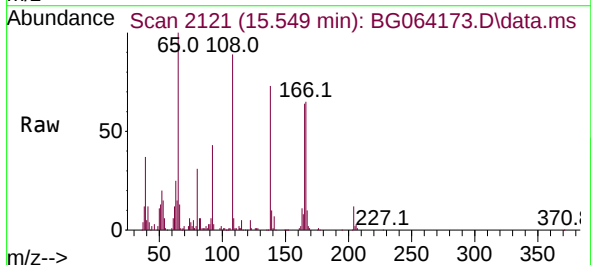


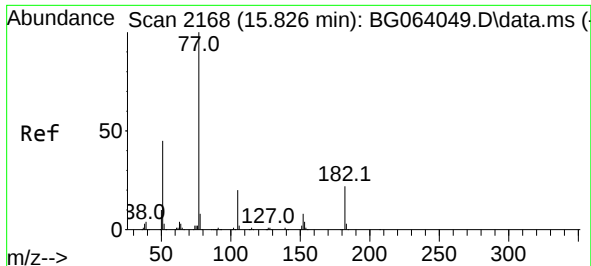
Tgt Ion:204 Resp: 182439
Ion Ratio Lower Upper
204 100
206 31.2 25.5 38.3
141 69.9 45.4 68.0#



#62
4-Nitroaniline
Concen: 50.522 ng
RT: 15.549 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

Tgt Ion:138 Resp: 83572
Ion Ratio Lower Upper
138 100
92 58.9 36.1 76.1
108 121.3 87.9 127.9

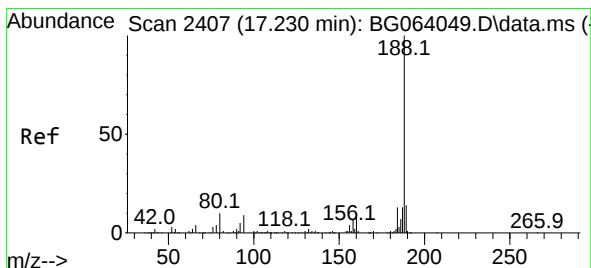
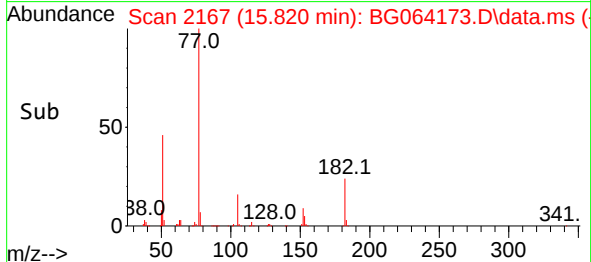
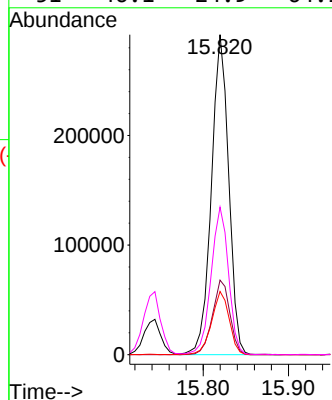
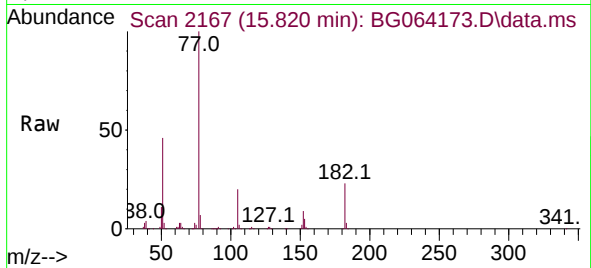




#63
Azobenzene
Concen: 44.742 ng
RT: 15.820 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

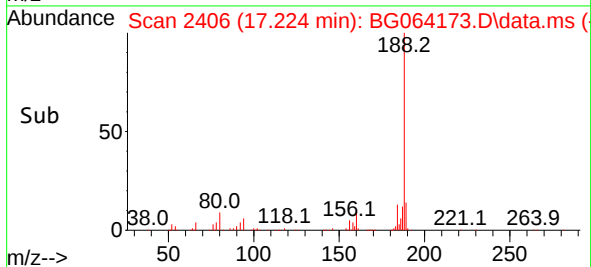
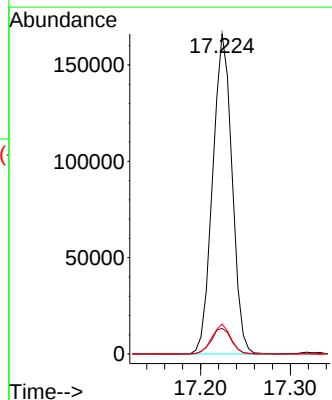
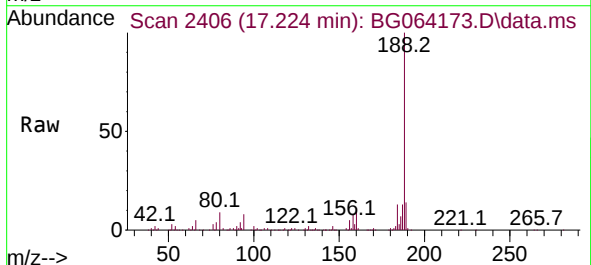
Instrument :
BNA_G
ClientSampleId :

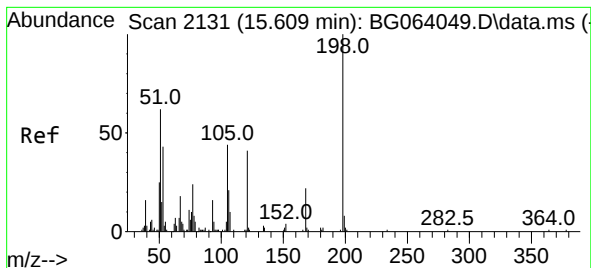
Tgt Ion: 77	Resp: 410884
Ion Ratio	Lower Upper
77 100	
182 23.3	2.4 42.4
105 19.8	0.0 40.0
51 46.1	24.9 64.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

Tgt Ion:188	Resp: 248813
Ion Ratio	Lower Upper
188 100	
94 8.0	6.9 10.3
80 9.3	8.1 12.1

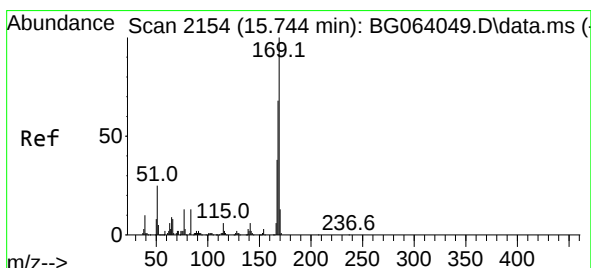
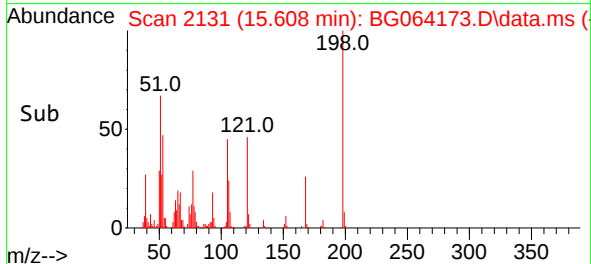
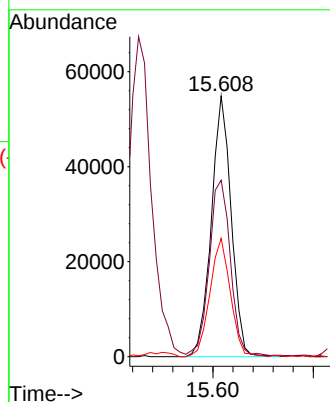
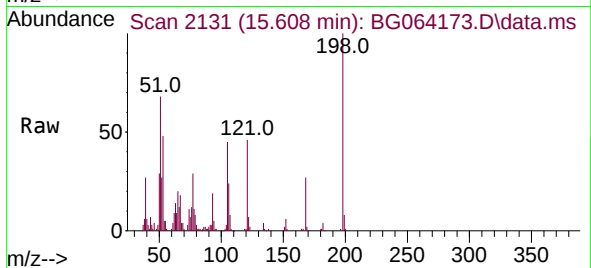




#65
 4,6-Dinitro-2-methylphenol
 Concen: 66.467 ng
 RT: 15.608 min Scan# 2131
 Delta R.T. -0.001 min
 Lab File: BG064173.D
 Acq: 3 Apr 2025 19:17

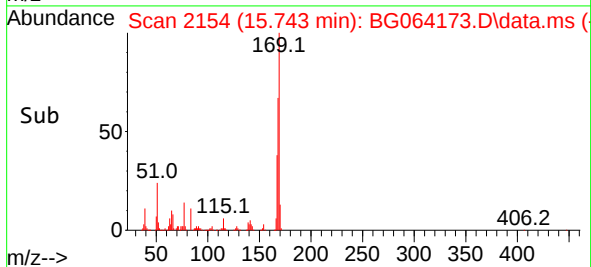
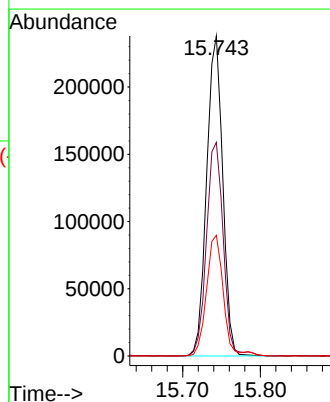
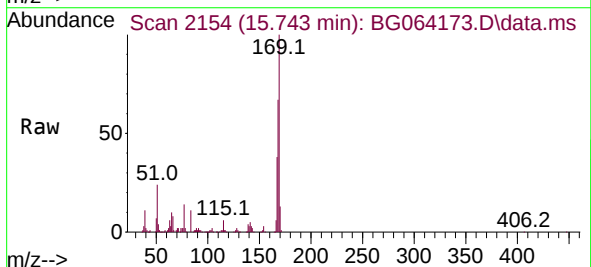
Instrument :
 BNA_G
 ClientSampleId :

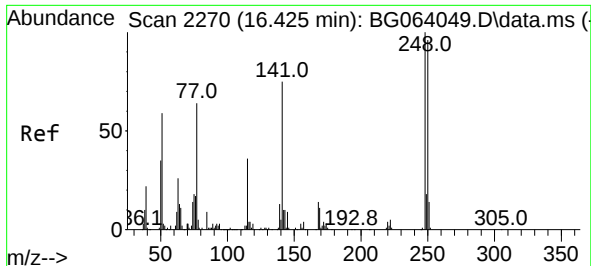
Tgt Ion:198 Resp: 75522
 Ion Ratio Lower Upper
 198 100
 51 67.7 45.6 85.6
 105 45.4 25.3 65.3



#66
 n-Nitrosodiphenylamine
 Concen: 48.573 ng
 RT: 15.743 min Scan# 2154
 Delta R.T. -0.000 min
 Lab File: BG064173.D
 Acq: 3 Apr 2025 19:17

Tgt Ion:169 Resp: 342099
 Ion Ratio Lower Upper
 169 100
 168 66.7 54.1 81.1
 167 37.7 30.3 45.5

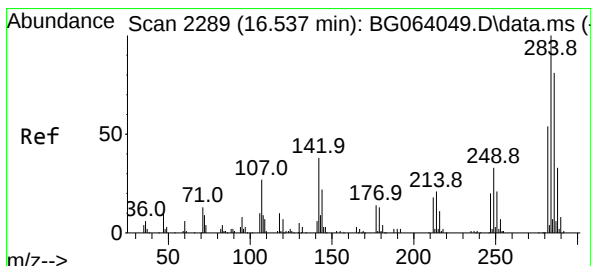
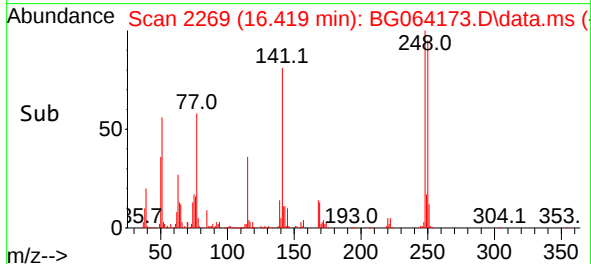
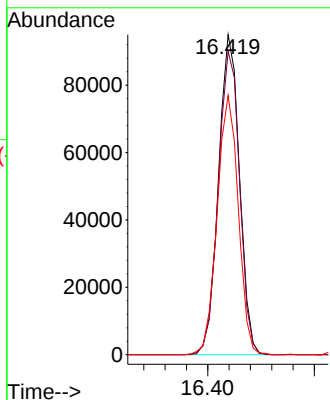
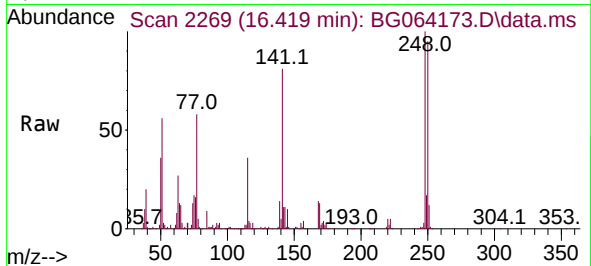




#67
4-Bromophenyl-phenylether
Concen: 50.786 ng
RT: 16.419 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

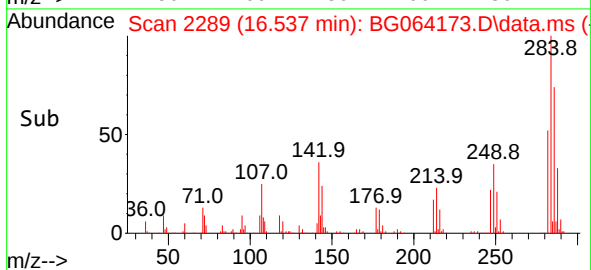
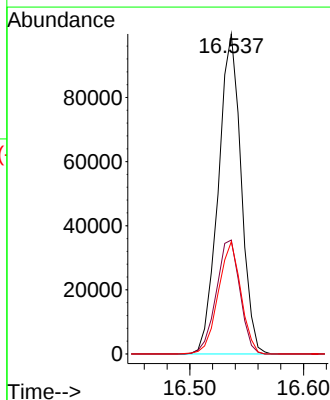
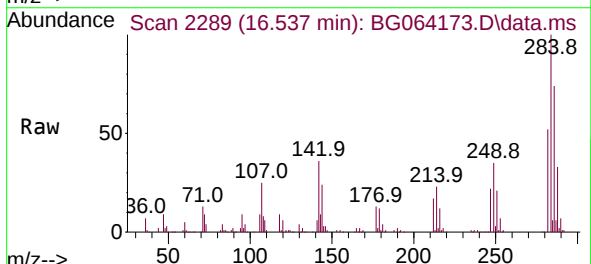
Instrument :
BNA_G
ClientSampleId :

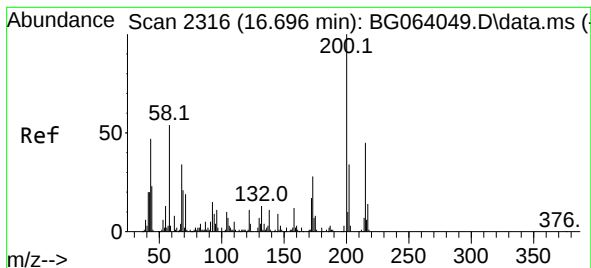
Tgt Ion:248 Resp: 129419
Ion Ratio Lower Upper
248 100
250 94.8 77.1 115.7
141 81.0 59.8 89.8



#68
Hexachlorobenzene
Concen: 48.772 ng
RT: 16.537 min Scan# 2289
Delta R.T. -0.000 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

Tgt Ion:284 Resp: 139145
Ion Ratio Lower Upper
284 100
142 35.6 30.6 45.8
249 35.1 26.6 39.8





#69

Atrazine

Concen: 67.290 ng

RT: 16.695 min Scan# 21

Delta R.T. -0.001 min

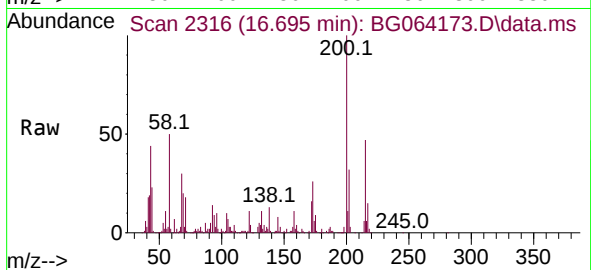
Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

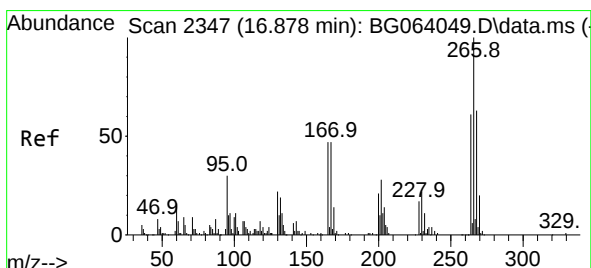
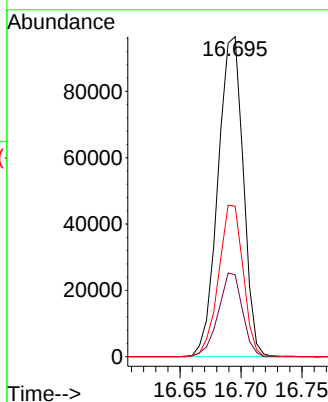
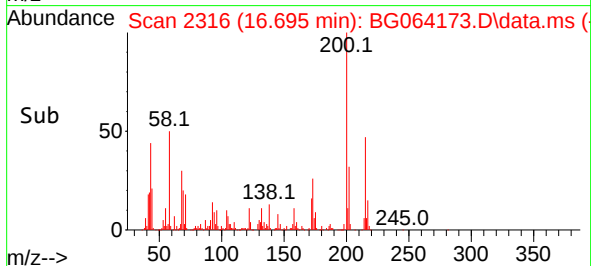
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:	200	Resp:	139441
Ion Ratio	Lower	Upper	
200	100		
173	25.6	8.2	48.2
215	47.0	25.5	65.5



#70

Pentachlorophenol

Concen: 103.779 ng

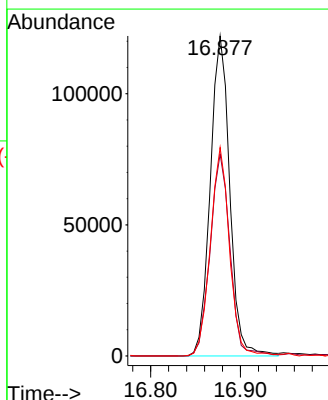
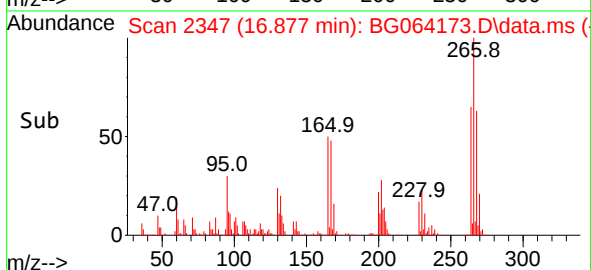
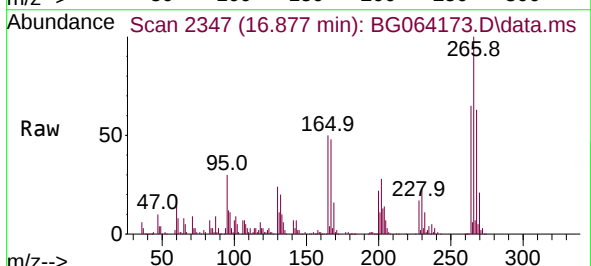
RT: 16.877 min Scan# 2347

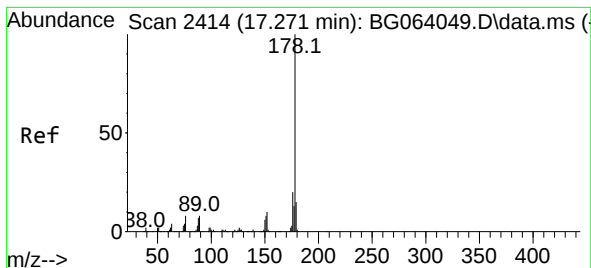
Delta R.T. -0.001 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

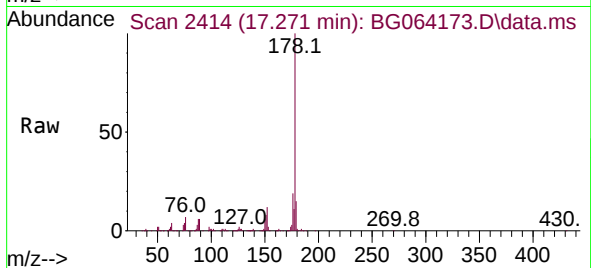
Tgt Ion:	266	Resp:	183831
Ion Ratio	Lower	Upper	
266	100		
268	63.1	50.2	75.4
264	65.2	48.9	73.3



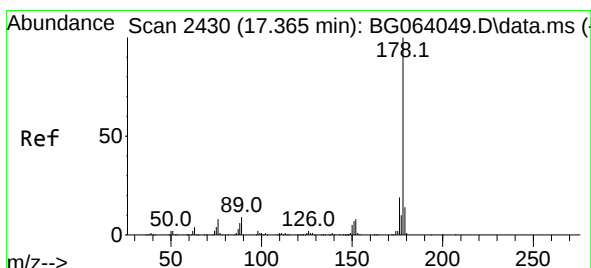
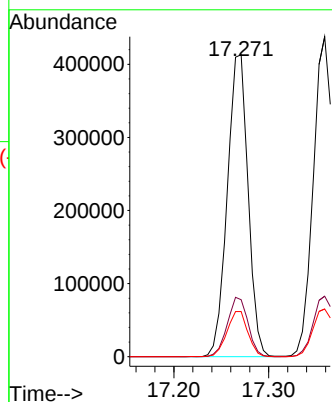
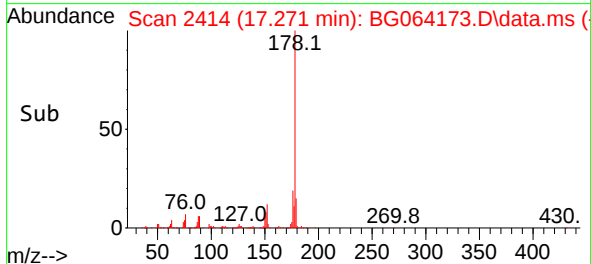


#71
Phenanthrene
Concen: 47.423 ng
RT: 17.271 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

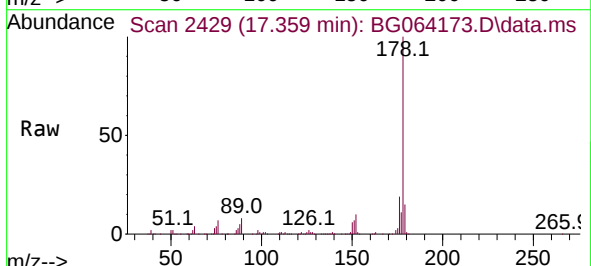
Instrument :
BNA_G
ClientSampleId :



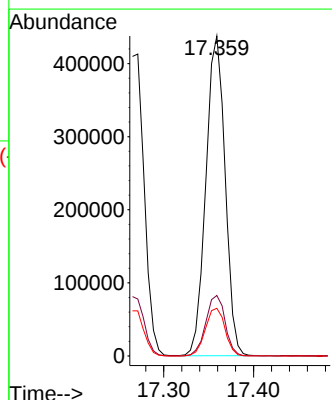
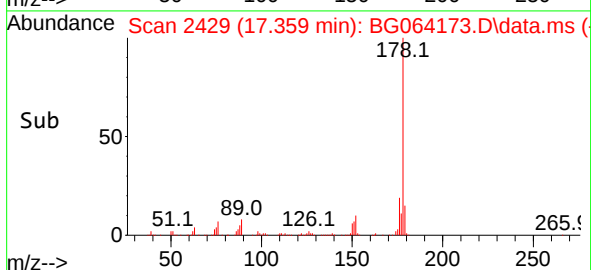
Tgt Ion:178 Resp: 629352
Ion Ratio Lower Upper
178 100
176 18.9 15.9 23.9
179 15.0 12.2 18.2

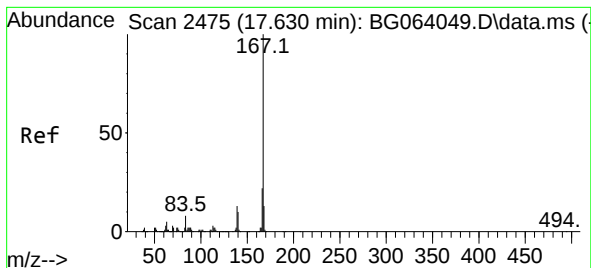


#72
Anthracene
Concen: 49.264 ng
RT: 17.359 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17



Tgt Ion:178 Resp: 650102
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 14.9 11.5 17.3





#73

Carbazole

Concen: 46.696 ng

RT: 17.624 min Scan# 2475

Delta R.T. -0.006 min

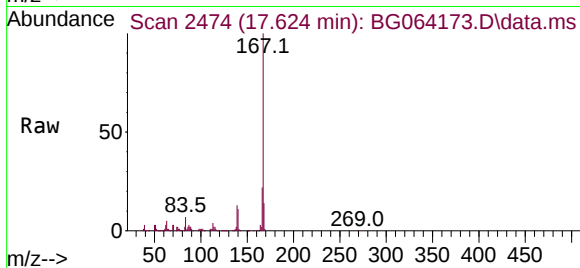
Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

Instrument :

BNA_G

ClientSampleId :



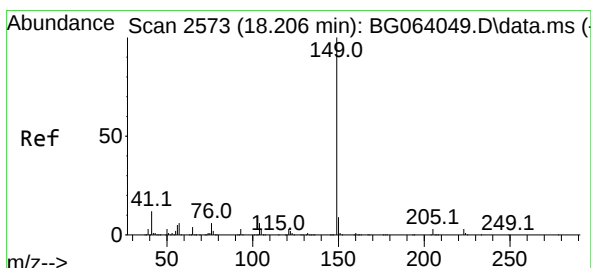
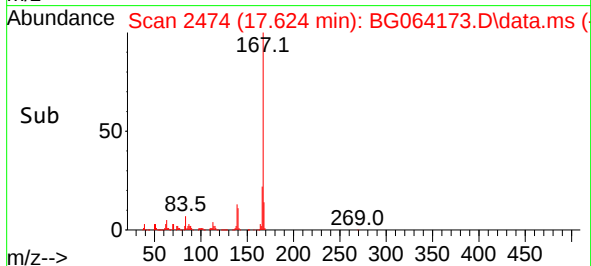
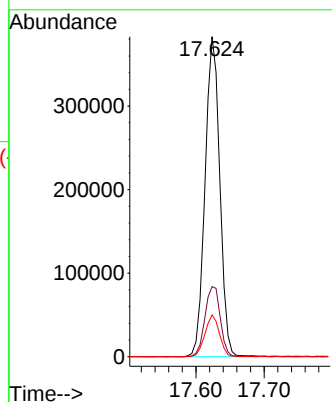
Tgt Ion:167 Resp: 575340

Ion Ratio Lower Upper

167 100

166 21.9 18.0 27.0

139 13.1 10.6 15.8



#74

Di-n-butylphthalate

Concen: 49.443 ng

RT: 18.193 min Scan# 2571

Delta R.T. -0.012 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

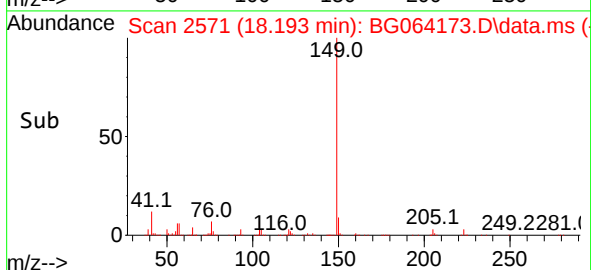
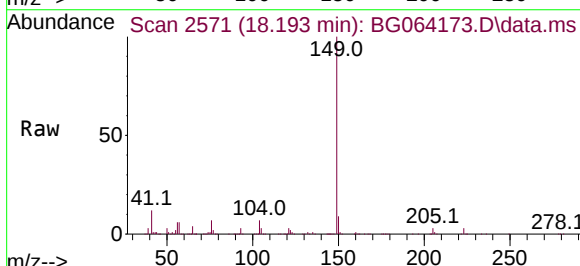
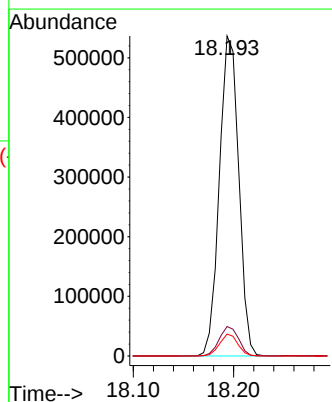
Tgt Ion:149 Resp: 717070

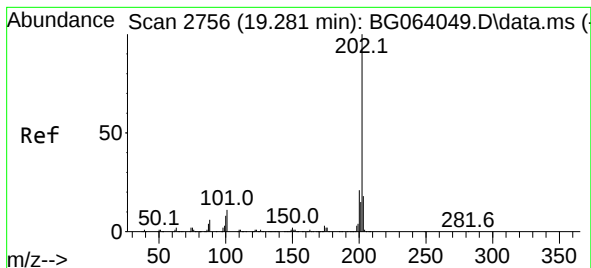
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 6.9 5.0 7.6





#75

Fluoranthene

Concen: 45.787 ng

RT: 19.275 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

Instrument :

BNA_G

ClientSampleId :

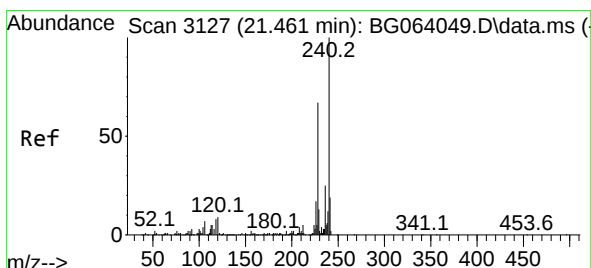
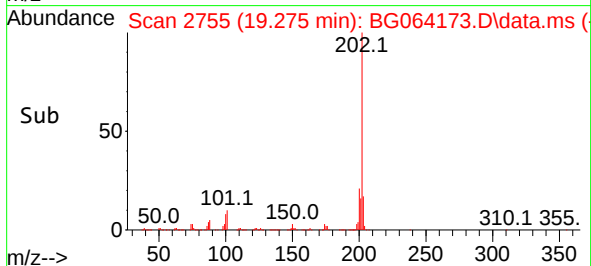
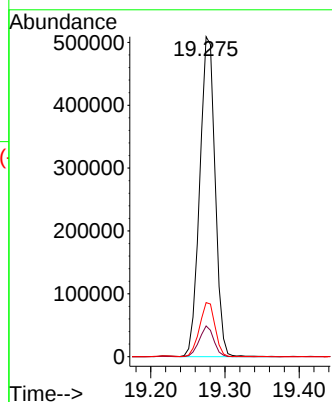
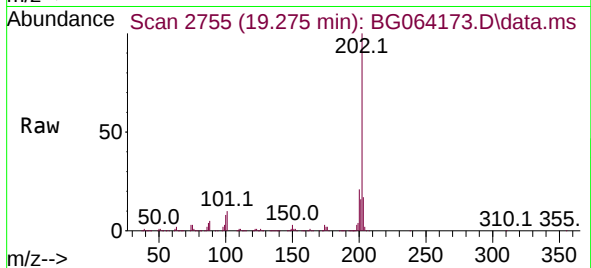
Tgt Ion:202 Resp: 732555

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.5

203 16.9 0.0 38.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.454 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

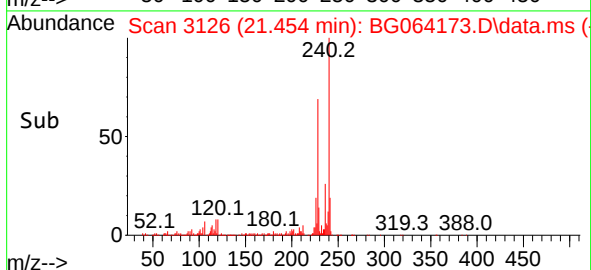
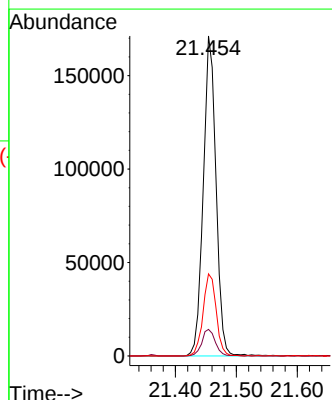
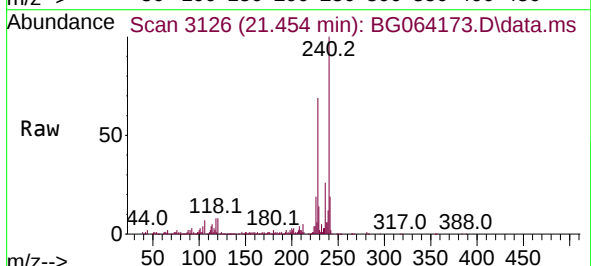
Tgt Ion:240 Resp: 248832

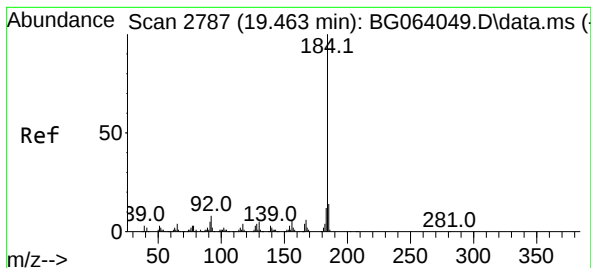
Ion Ratio Lower Upper

240 100

120 8.3 7.2 10.8

236 25.7 20.2 30.2





#77

Benzidine

Concen: 50.459 ng

RT: 19.457 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

Instrument :

BNA_G

ClientSampleId :

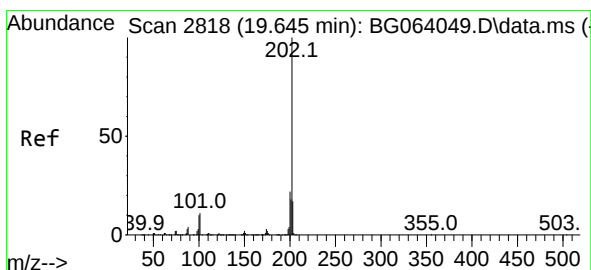
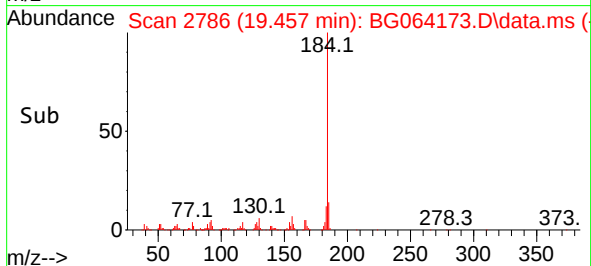
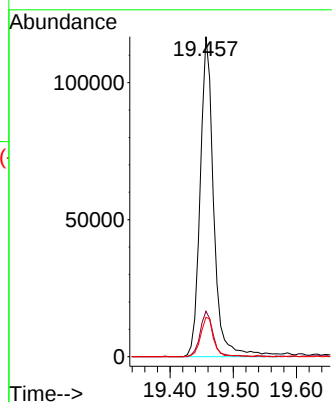
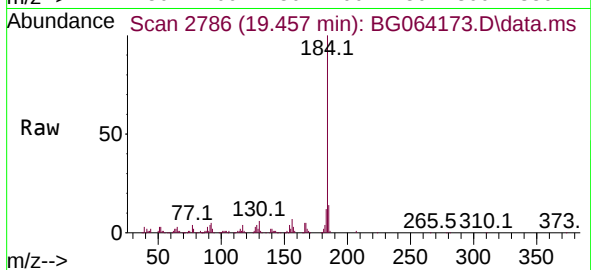
Tgt Ion:184 Resp: 173862

Ion Ratio Lower Upper

184 100

185 14.2 11.3 16.9

183 12.4 9.5 14.3



#78

Pyrene

Concen: 47.367 ng

RT: 19.639 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

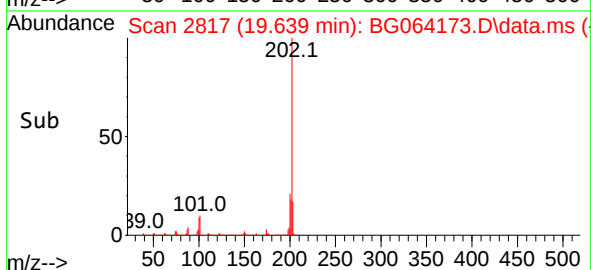
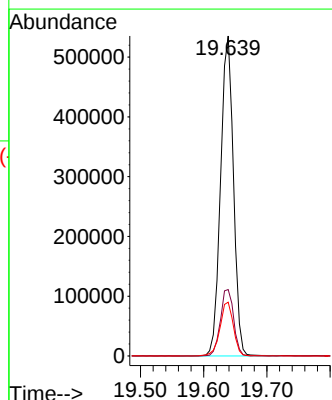
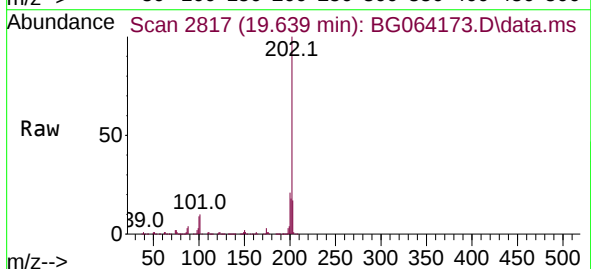
Tgt Ion:202 Resp: 759775

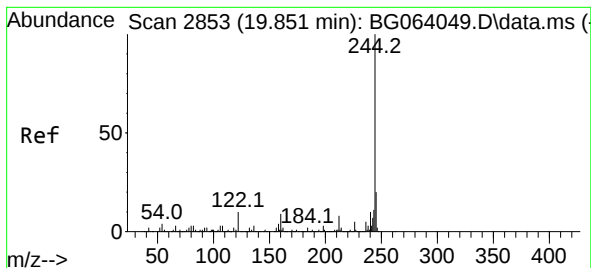
Ion Ratio Lower Upper

202 100

200 20.8 17.3 25.9

203 16.8 13.6 20.4





#79

Terphenyl-d14

Concen: 93.259 ng

RT: 19.844 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

Instrument :

BNA_G

ClientSampleId :

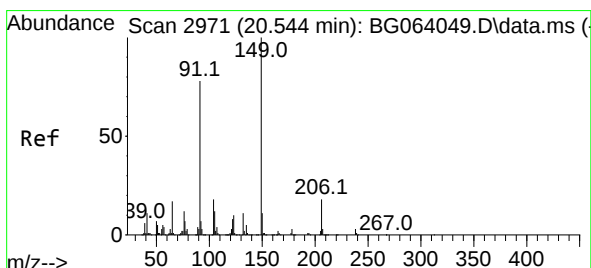
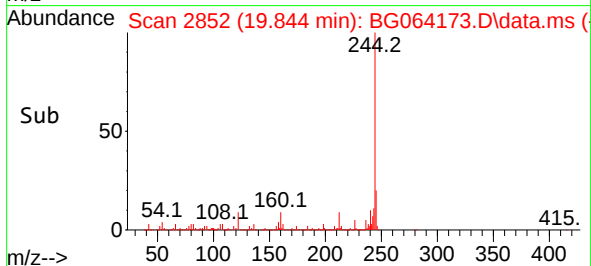
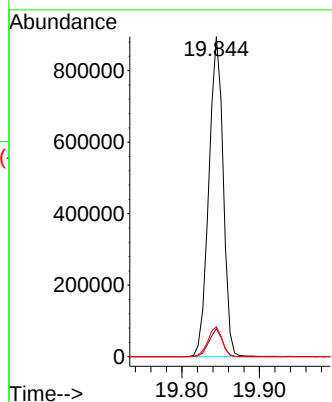
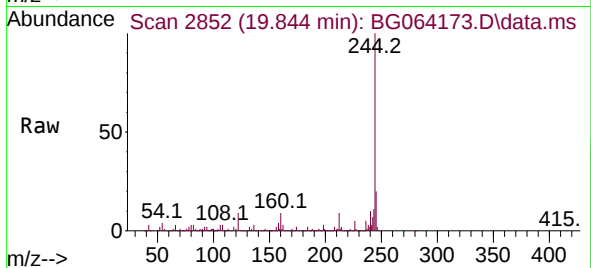
Tgt Ion:244 Resp: 1147666

Ion Ratio Lower Upper

244 100

212 8.8 6.2 9.4

122 9.3 8.0 12.0



#80

Butylbenzylphthalate

Concen: 53.789 ng

RT: 20.538 min Scan# 2970

Delta R.T. -0.006 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

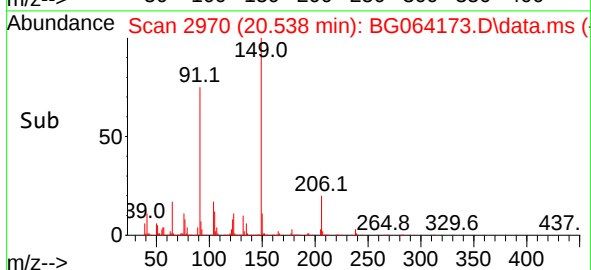
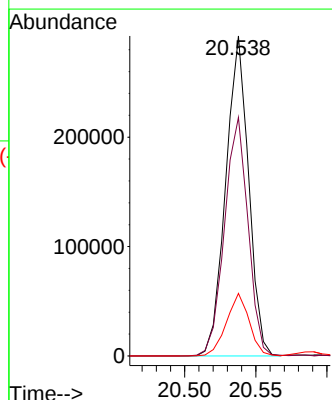
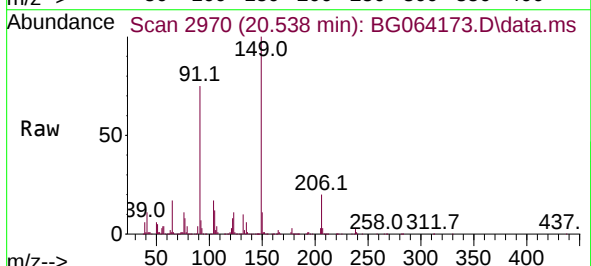
Tgt Ion:149 Resp: 326610

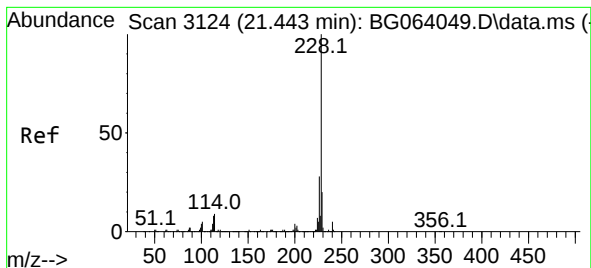
Ion Ratio Lower Upper

149 100

91 74.5 62.0 93.0

206 19.5 14.6 21.8





#81

Benzo(a)anthracene

Concen: 48.105 ng

RT: 21.437 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

Instrument :

BNA_G

ClientSampleId :

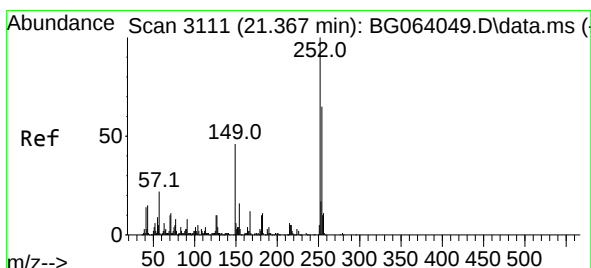
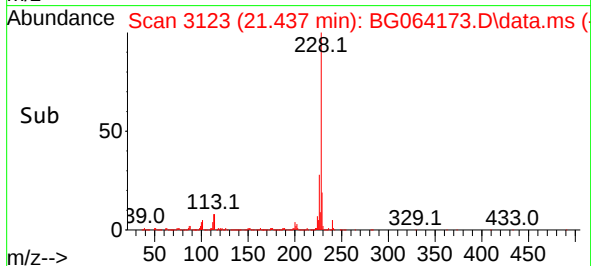
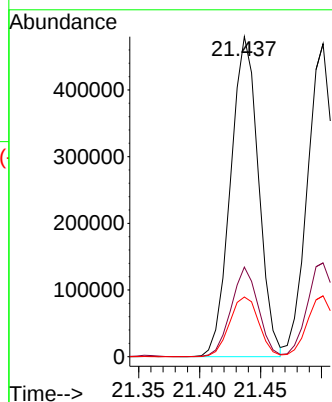
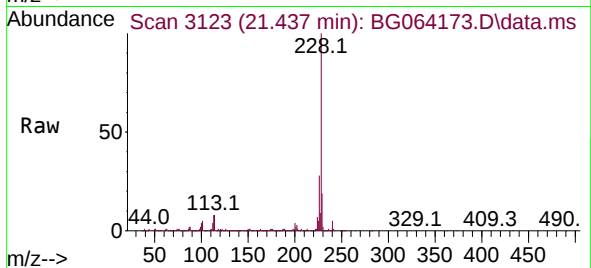
Tgt Ion:228 Resp: 766772

Ion Ratio Lower Upper

228 100

226 28.0 22.2 33.2

229 18.7 16.4 24.6



#82

3,3'-Dichlorobenzidine

Concen: 23.386 ng

RT: 21.360 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

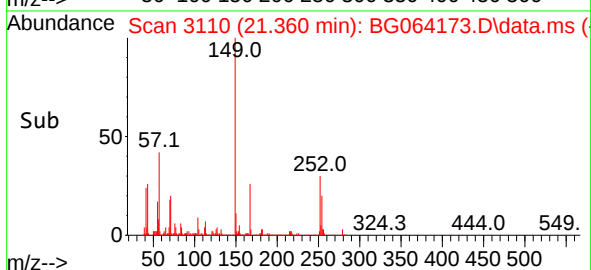
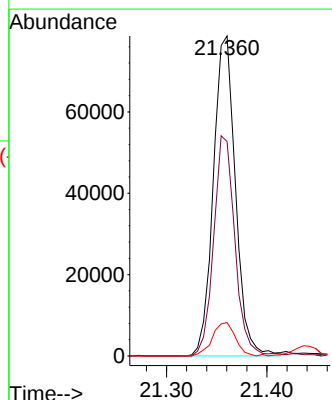
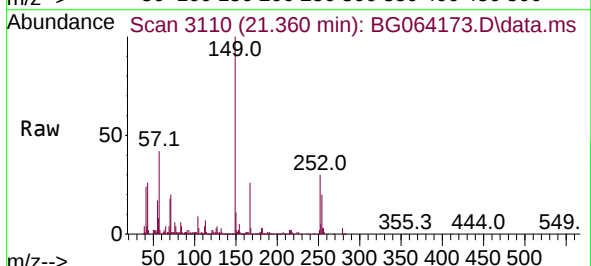
Tgt Ion:252 Resp: 120638

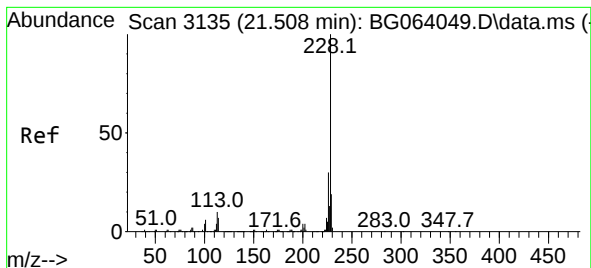
Ion Ratio Lower Upper

252 100

254 67.0 52.1 78.1

126 10.4 7.8 11.8





#83

Chrysene

Concen: 45.731 ng

RT: 21.501 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BG064173.D

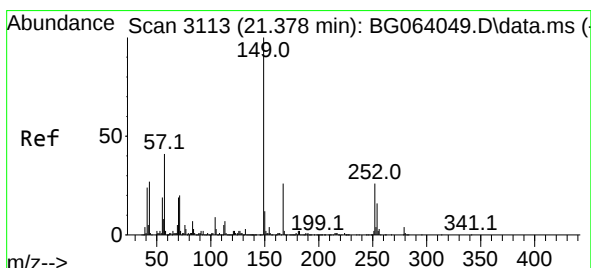
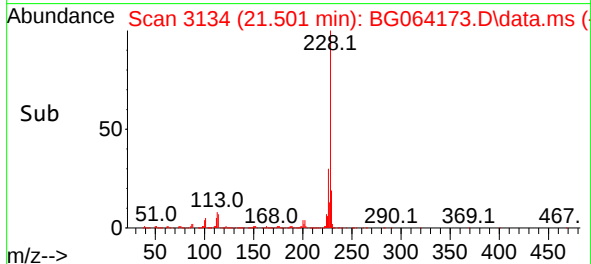
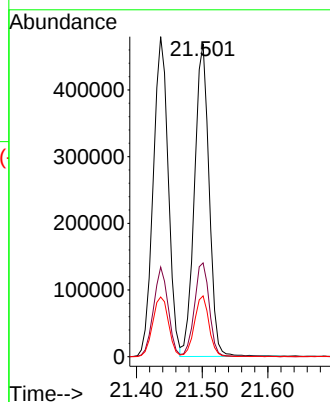
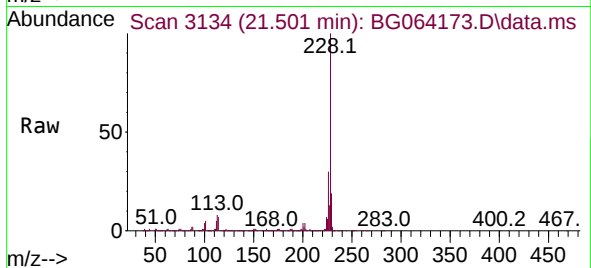
Acq: 3 Apr 2025 19:17

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:228	Resp: 727012
Ion Ratio	Lower Upper
228 100	
226 30.0	23.9 35.9
229 19.4	15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.493 ng

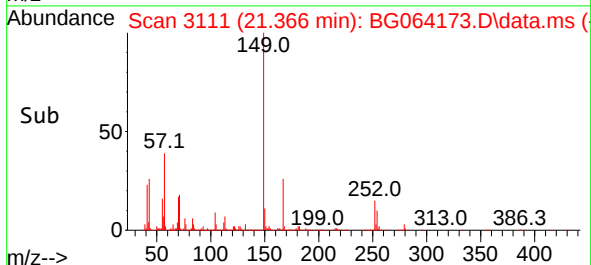
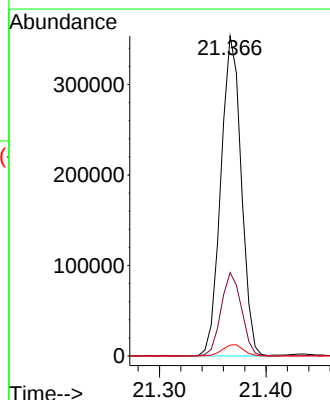
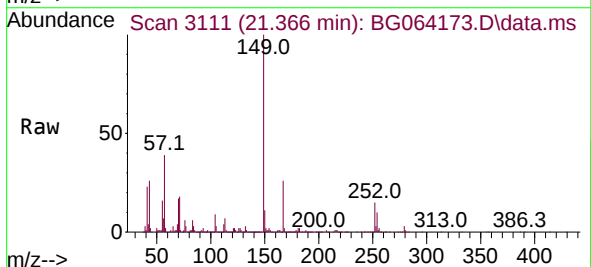
RT: 21.366 min Scan# 3111

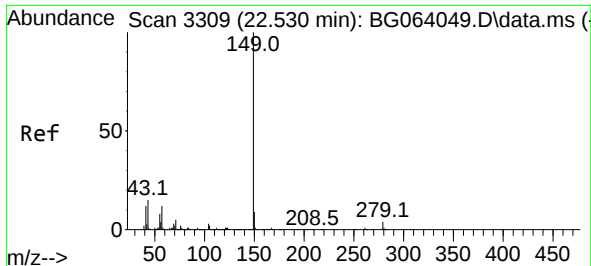
Delta R.T. -0.012 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

Tgt Ion:149	Resp: 469749		
Ion Ratio	Lower	Upper	
149 100			
167 26.0	21.0	31.6	
279 3.4	2.8	4.2	

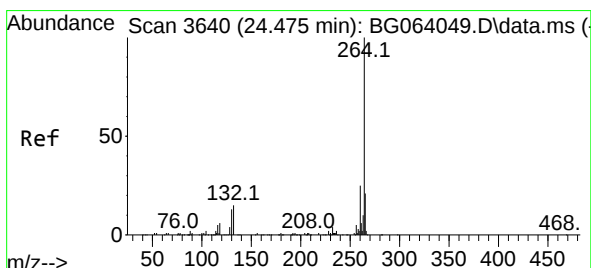
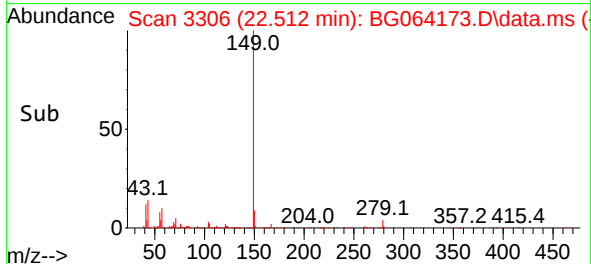
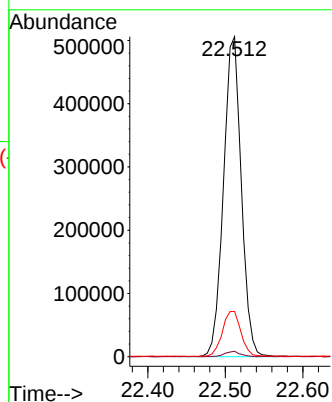
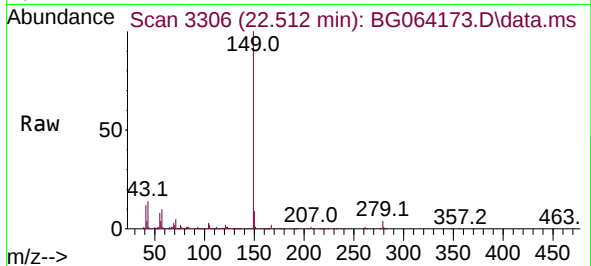




#85
Di-n-octyl phthalate
Concen: 54.390 ng
RT: 22.512 min Scan# 31
Delta R.T. -0.018 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

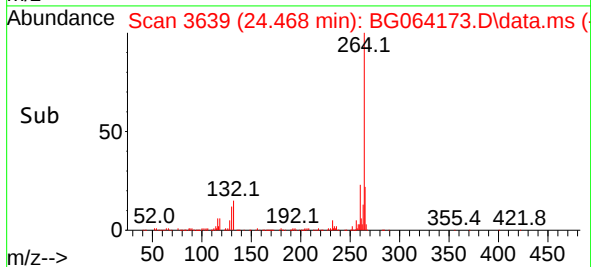
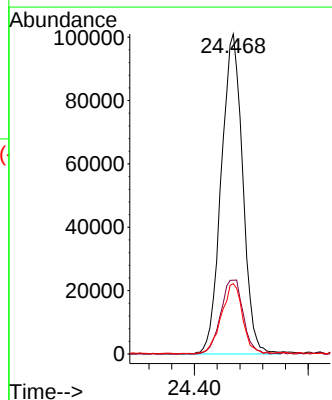
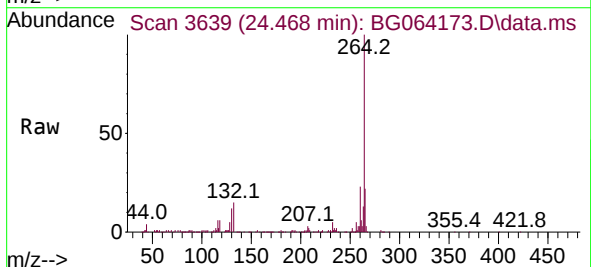
Instrument :
BNA_G
ClientSampleId :

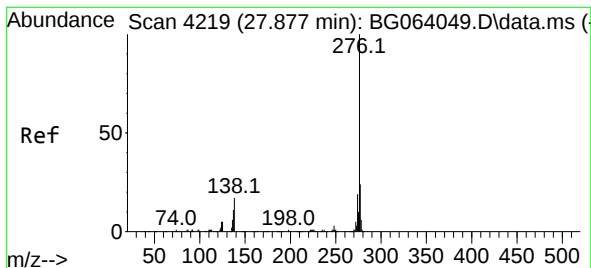
Tgt Ion:149 Resp: 808712
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 14.7 12.6 19.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.468 min Scan# 3639
Delta R.T. -0.006 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

Tgt Ion:264 Resp: 264036
Ion Ratio Lower Upper
264 100
260 23.1 19.6 29.4
265 22.0 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.846 ng

RT: 27.870 min Scan# 41

Delta R.T. -0.006 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

Instrument :

BNA_G

ClientSampleId :

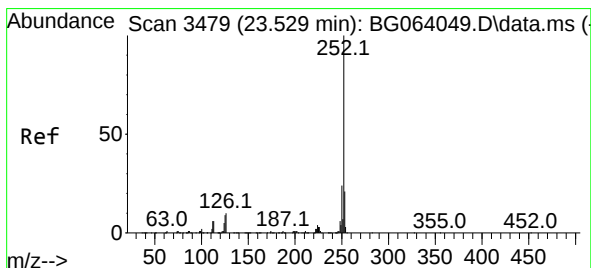
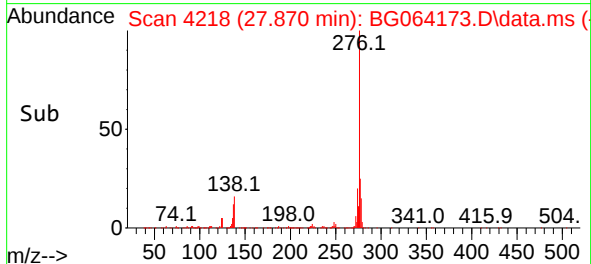
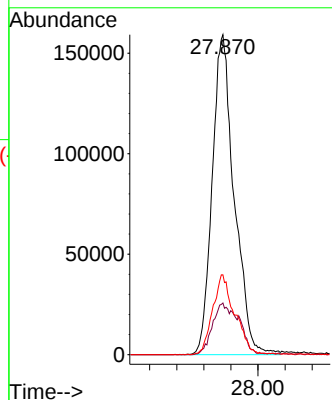
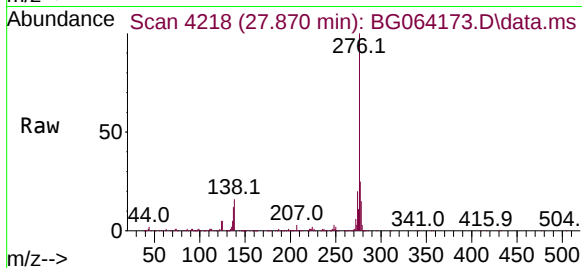
Tgt Ion:276 Resp: 898254

Ion Ratio Lower Upper

276 100

138 19.5 12.1 18.1#

277 25.2 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 47.717 ng

RT: 23.522 min Scan# 3478

Delta R.T. -0.006 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

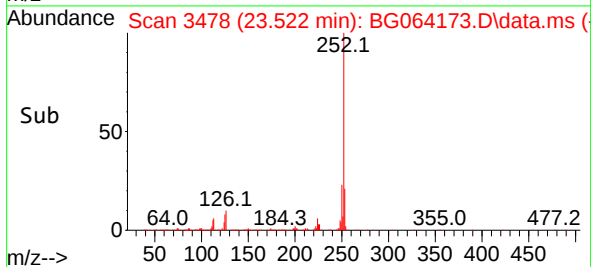
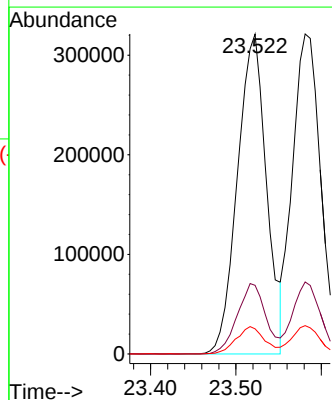
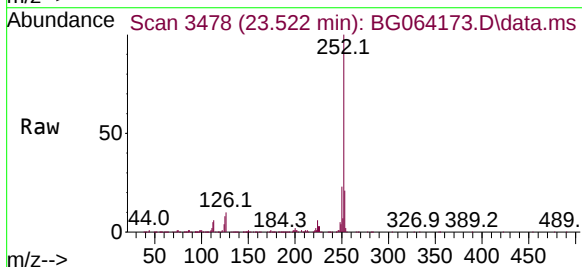
Tgt Ion:252 Resp: 761654

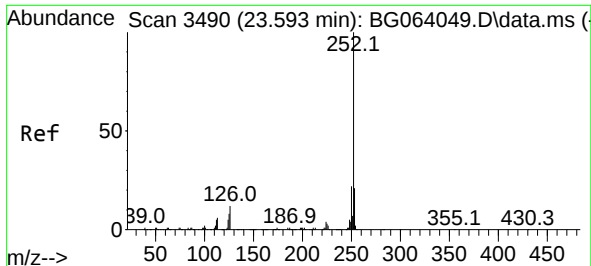
Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.4

125 7.9 7.4 11.2

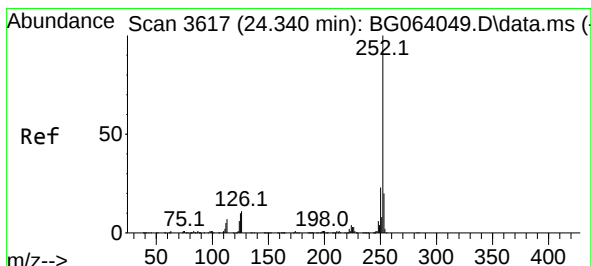
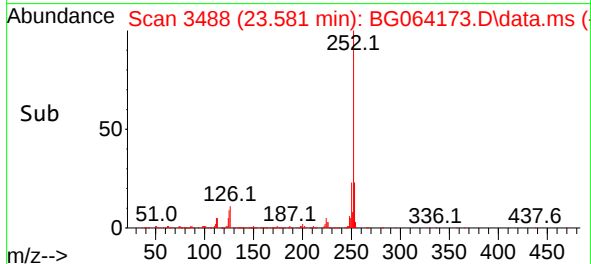
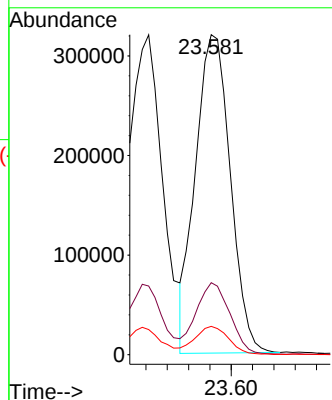
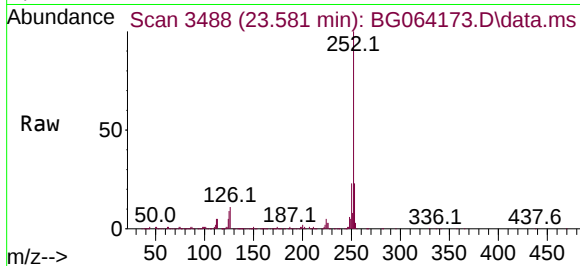




#89
Benzo(k)fluoranthene
Concen: 45.321 ng
RT: 23.581 min Scan# 34
Delta R.T. -0.012 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

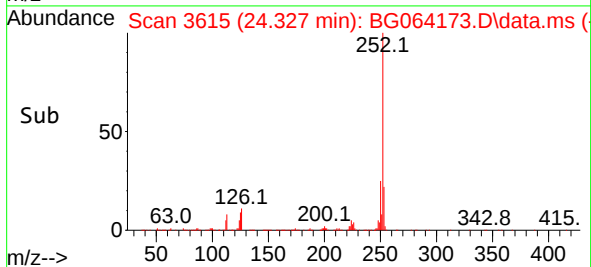
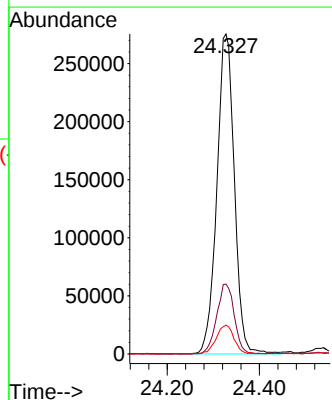
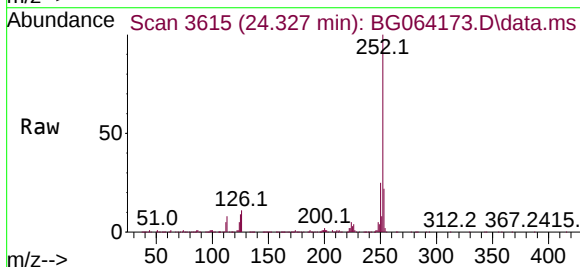
Instrument :
BNA_G
ClientSampleId :

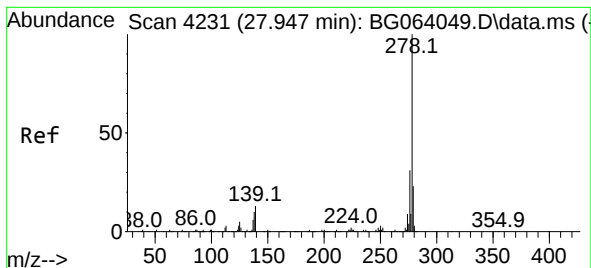
Tgt Ion:252 Resp: 725723
Ion Ratio Lower Upper
252 100
253 22.5 16.8 25.2
125 8.9 6.9 10.3



#90
Benzo(a)pyrene
Concen: 50.952 ng
RT: 24.327 min Scan# 3615
Delta R.T. -0.012 min
Lab File: BG064173.D
Acq: 3 Apr 2025 19:17

Tgt Ion:252 Resp: 724310
Ion Ratio Lower Upper
252 100
253 21.9 16.2 24.2
125 9.0 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 51.021 ng

RT: 27.929 min Scan# 4397

Delta R.T. -0.018 min

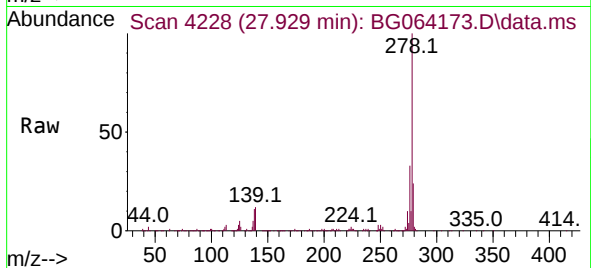
Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

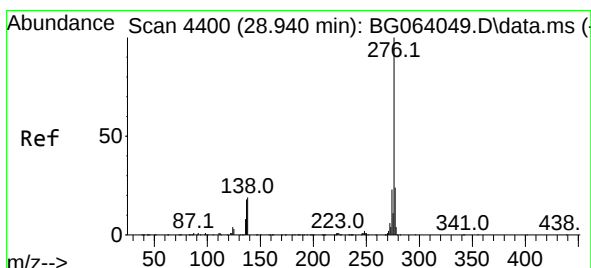
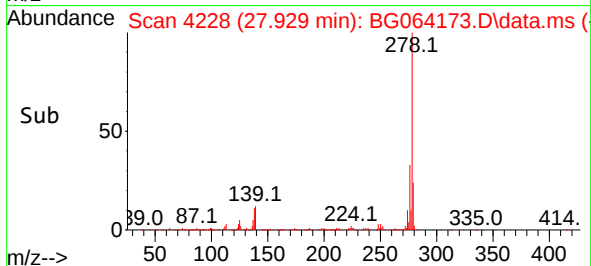
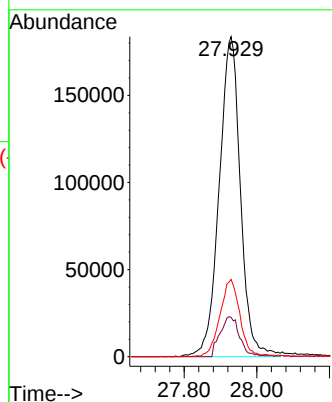
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:	278	Resp:	747239
Ion Ratio	Lower	Upper	
278	100		
139	12.3	10.2	15.2
279	24.1	18.1	27.1



#92

Benzo(g,h,i)perylene

Concen: 47.120 ng

RT: 28.922 min Scan# 4397

Delta R.T. -0.018 min

Lab File: BG064173.D

Acq: 3 Apr 2025 19:17

Tgt Ion:	276	Resp:	708548
Ion Ratio	Lower	Upper	
276	100		
277	23.3	19.5	29.3
138	16.9	15.4	23.0

