

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064172.D
 Acq On : 3 Apr 2025 18:36
 Operator : RC/JU
 Sample : PB167376BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 01:45:14 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	7.859	152	28993	20.000	ng	0.00
21) Naphthalene-d8	10.650	136	132732	20.000	ng	# 0.00
39) Acenaphthene-d10	14.487	164	108026	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	247693	20.000	ng	0.00
76) Chrysene-d12	21.455	240	244859	20.000	ng	0.00
86) Perylene-d12	24.464	264	265274	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	268867	144.801	ng	0.00
7) Phenol-d6	7.031	99	366891	145.247	ng	0.00
23) Nitrobenzene-d5	9.011	82	248870	103.615	ng	0.00
42) 2,4,6-Tribromophenol	15.973	330	207197	172.551	ng	0.00
45) 2-Fluorobiphenyl	13.112	172	622156	87.420	ng	0.00
79) Terphenyl-d14	19.845	244	1191059	98.355	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.359	88	25655	30.487	ng	98
3) Pyridine	3.747	79	72687	35.517	ng	99
4) n-Nitrosodimethylamine	3.664	42	59325	40.572	ng	100
6) Aniline	7.184	93	90557	36.535	ng	95
8) 2-Chlorophenol	7.425	128	104121	52.211	ng	98
9) Benzaldehyde	6.996	77	57552	39.175	ng	93
10) Phenol	7.055	94	135282	52.309	ng	94
11) bis(2-Chloroethyl)ether	7.284	93	92520	45.631	ng	97
12) 1,3-Dichlorobenzene	7.748	146	101516	46.356	ng	92
13) 1,4-Dichlorobenzene	7.895	146	103412	46.070	ng	97
14) 1,2-Dichlorobenzene	8.206	146	101172	46.742	ng	96
15) Benzyl Alcohol	8.094	79	105681	54.141	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.388	45	210886	46.257	ng	99
17) 2-Methylphenol	8.300	107	94383	54.988	ng	95
18) Hexachloroethane	8.935	117	41877	53.323	ng	94
19) n-Nitroso-di-n-propyla...	8.664	70	84992	47.944	ng	100
20) 3+4-Methylphenols	8.623	107	127285	53.866	ng	92
22) Acetophenone	8.676	105	164977	45.333	ng	# 98
24) Nitrobenzene	9.052	77	126923	51.133	ng	93
25) Isophorone	9.575	82	237603	49.424	ng	97
26) 2-Nitrophenol	9.763	139	55538	60.951	ng	94
27) 2,4-Dimethylphenol	9.828	122	109842	76.216	ng	97
28) bis(2-Chloroethoxy)met...	10.063	93	137132	47.049	ng	97
29) 2,4-Dichlorophenol	10.298	162	103540	56.896	ng	95
30) 1,2,4-Trichlorobenzene	10.509	180	104996	47.794	ng	99
31) Naphthalene	10.697	128	335806	46.918	ng	99
32) Benzoic acid	9.975	122	76066	55.761	ng	90
33) 4-Chloroaniline	10.803	127	36778	14.059	ng	92
34) Hexachlorobutadiene	10.991	225	74156	51.499	ng	98
35) Caprolactam	11.579	113	21222	30.431	ng	92
36) 4-Chloro-3-methylphenol	11.931	107	141381	59.268	ng	96
37) 2-Methylnaphthalene	12.307	142	231393	45.795	ng	97
38) 1-Methylnaphthalene	12.530	142	245508	49.595	ng	98
40) 1,2,4,5-Tetrachloroben...	12.677	216	134982	43.768	ng	# 97
41) Hexachlorocyclopentadiene	12.660	237	198293	228.444	ng	96
43) 2,4,6-Trichlorophenol	12.912	196	96148	52.897	ng	92

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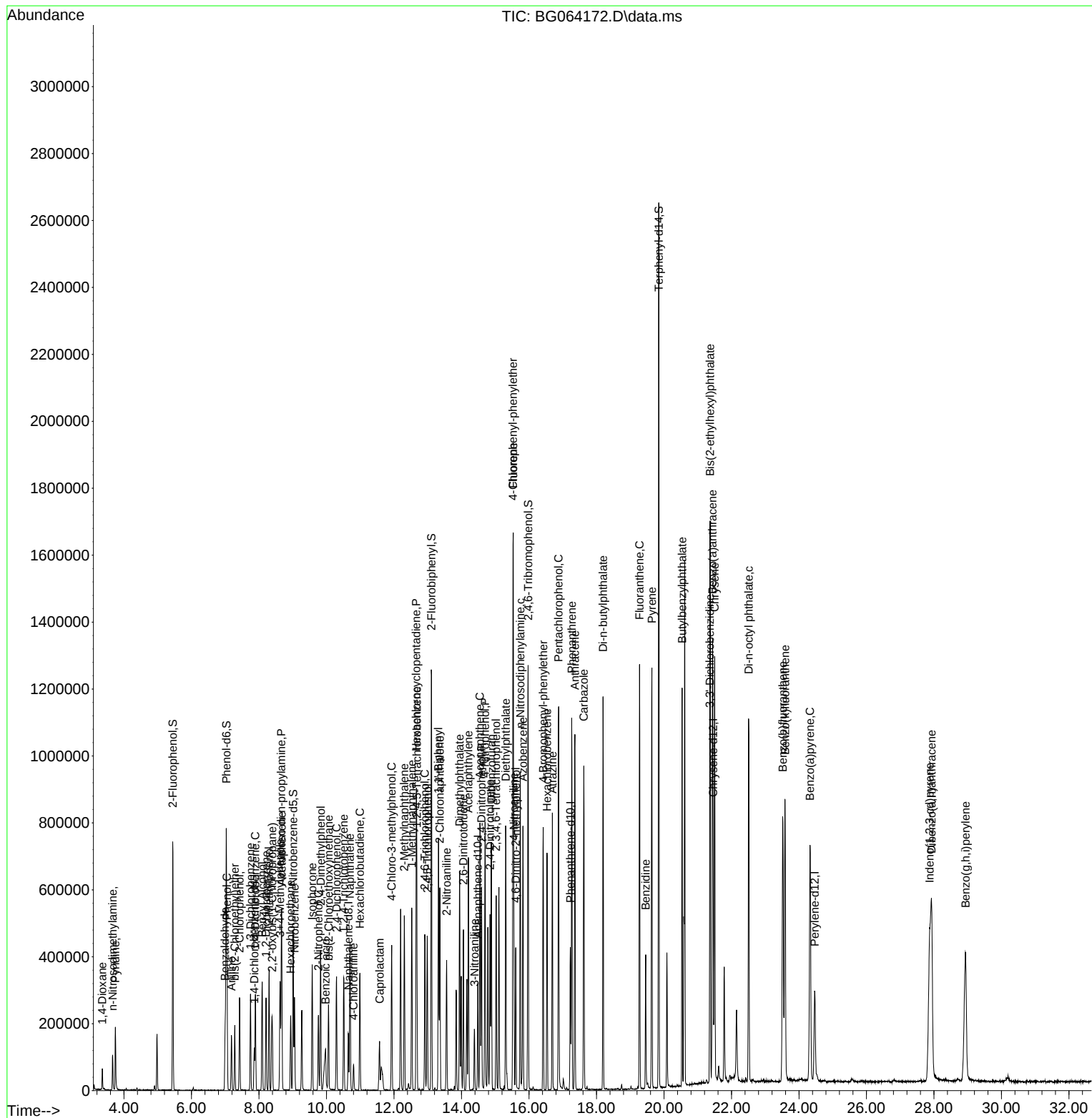
Instrument :
 BNA_G
 ClientSampleId :

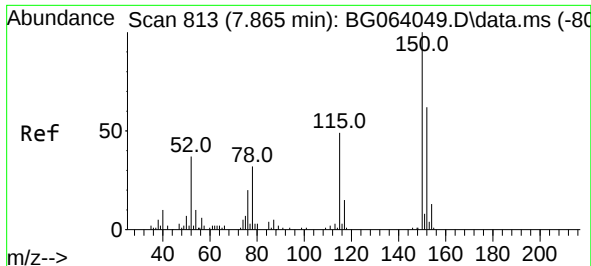
Quant Time: Apr 04 01:45:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.989	196	108604	53.773	ng	99
46) 1,1'-Biphenyl	13.318	154	364540	44.666	ng	98
47) 2-Chloronaphthalene	13.359	162	269809	45.328	ng	99
48) 2-Nitroaniline	13.559	65	107439	53.182	ng	99
49) Acenaphthylene	14.205	152	471217	50.049	ng	100
50) Dimethylphthalate	13.946	163	383738	48.122	ng	98
51) 2,6-Dinitrotoluene	14.058	165	81764	50.364	ng	94
52) Acenaphthene	14.546	154	284564	45.036	ng	99
53) 3-Nitroaniline	14.387	138	37493	24.327	ng	92
54) 2,4-Dinitrophenol	14.593	184	102314	144.626	ng	# 81
55) Dibenzofuran	14.887	168	459082	44.850	ng	95
56) 4-Nitrophenol	14.698	139	148844	115.155	ng	# 84
57) 2,4-Dinitrotoluene	14.845	165	125020	55.400	ng	# 99
58) Fluorene	15.533	166	381959	47.911	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.028	232	112643	57.210	ng	97
60) Diethylphthalate	15.310	149	423867	48.964	ng	99
61) 4-Chlorophenyl-phenyle...	15.527	204	188632	47.613	ng	91
62) 4-Nitroaniline	15.550	138	89271	53.651	ng	90
63) Azobenzene	15.821	77	418171	45.269	ng	96
65) 4,6-Dinitro-2-methylph...	15.609	198	78131	68.754	ng	96
66) n-Nitrosodiphenylamine	15.744	169	346065	49.359	ng	98
67) 4-Bromophenyl-phenylether	16.420	248	130703	51.522	ng	96
68) Hexachlorobenzene	16.538	284	140418	49.441	ng	99
69) Atrazine	16.696	200	140651	68.180	ng	96
70) Pentachlorophenol	16.878	266	187092	106.098	ng	99
71) Phenanthrene	17.266	178	641279	48.540	ng	99
72) Anthracene	17.360	178	663760	50.526	ng	99
73) Carbazole	17.624	167	591064	48.190	ng	99
74) Di-n-butylphthalate	18.194	149	739974	51.253	ng	99
75) Fluoranthene	19.275	202	751778	47.201	ng	97
77) Benzidine	19.458	184	217571	64.169	ng	99
78) Pyrene	19.640	202	766658	48.572	ng	99
80) Butylbenzylphthalate	20.539	149	332606	55.538	ng	96
81) Benzo(a)anthracene	21.438	228	789334	50.324	ng	99
82) 3,3'-Dichlorobenzidine	21.355	252	144029	28.373	ng	94
83) Chrysene	21.502	228	752151	48.080	ng	99
84) Bis(2-ethylhexyl)phtha...	21.367	149	487207	57.435	ng	100
85) Di-n-octyl phthalate	22.507	149	840388	57.437	ng	100
87) Indeno(1,2,3-cd)pyrene	27.871	276	901944	50.817	ng	97
88) Benzo(b)fluoranthene	23.518	252	765943	47.762	ng	99
89) Benzo(k)fluoranthene	23.588	252	755150	46.938	ng	98
90) Benzo(a)pyrene	24.328	252	738160	51.684	ng	99
91) Dibenzo(a,h)anthracene	27.924	278	754650	51.286	ng	99
92) Benzo(g,h,i)perylene	28.935	276	725108	47.996	ng	95

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

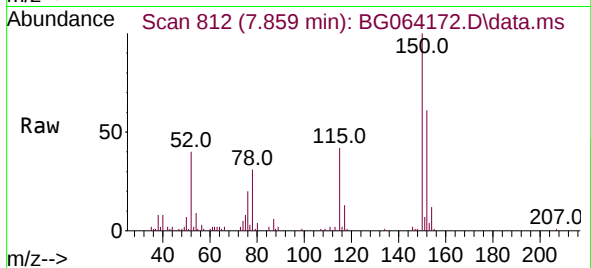
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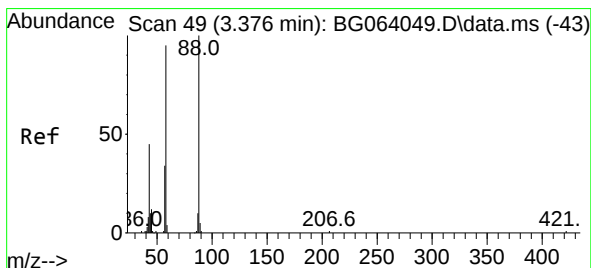
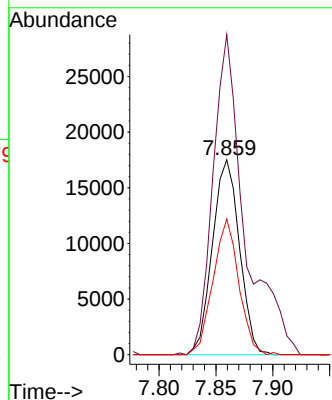
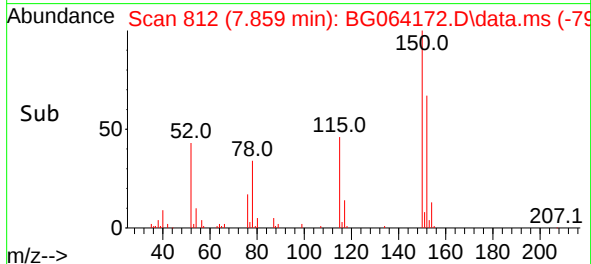


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

Instrument :
BNA_G
ClientSampleId :

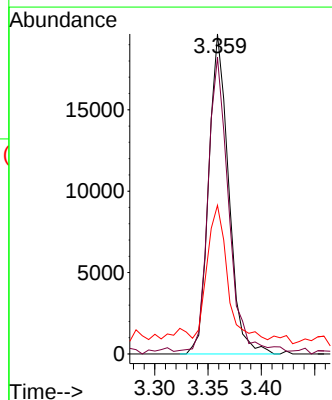
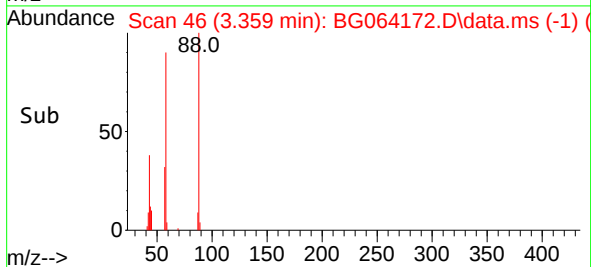
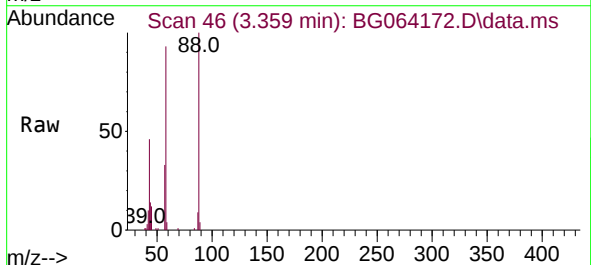


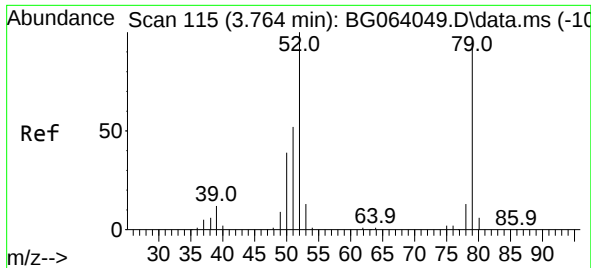
Tgt Ion:152 Resp: 28993
Ion Ratio Lower Upper
152 100
150 164.2 129.2 193.8
115 69.5 63.0 94.6



#2
1,4-Dioxane
Concen: 30.487 ng
RT: 3.359 min Scan# 46
Delta R.T. -0.017 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

Tgt Ion: 88 Resp: 25655
Ion Ratio Lower Upper
88 100
58 93.9 74.6 111.8
43 41.7 35.5 53.3





#3

Pyridine

Concen: 35.517 ng

RT: 3.747 min Scan# 11

Delta R.T. -0.017 min

Lab File: BG064172.D

Acq: 3 Apr 2025 18:36

Instrument :

BNA_G

ClientSampleId :

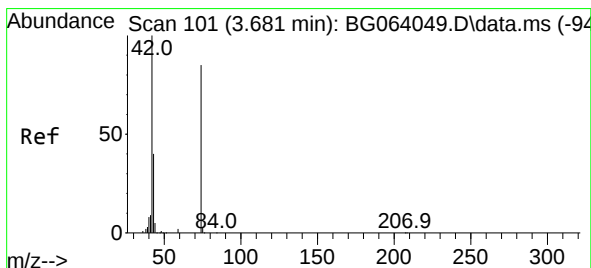
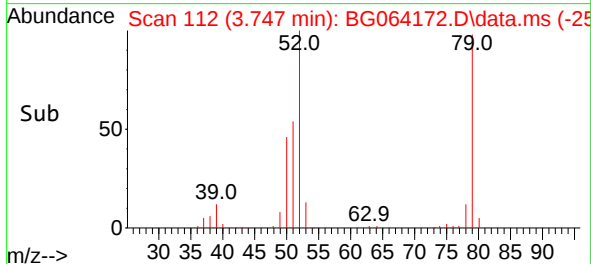
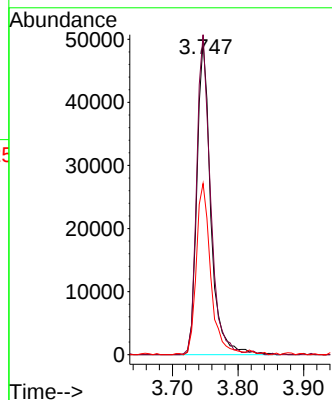
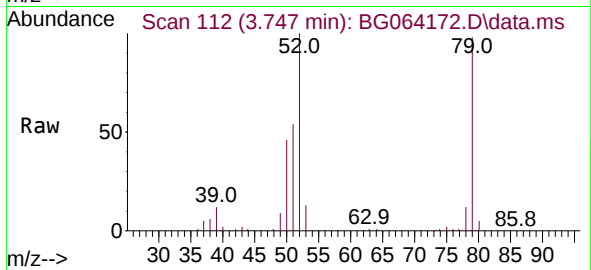
Tgt Ion: 79 Resp: 72687

Ion Ratio Lower Upper

79 100

52 102.1 83.0 124.6

51 54.7 44.3 66.5



#4

n-Nitrosodimethylamine

Concen: 40.572 ng

RT: 3.664 min Scan# 98

Delta R.T. -0.017 min

Lab File: BG064172.D

Acq: 3 Apr 2025 18:36

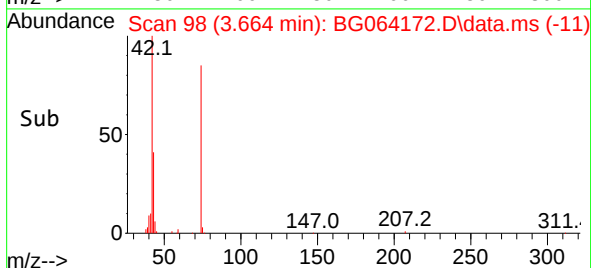
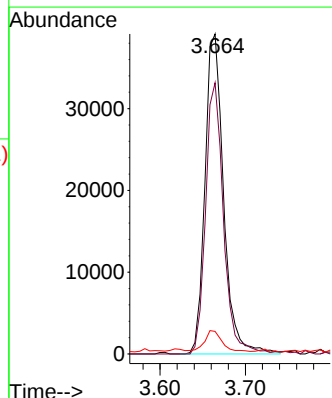
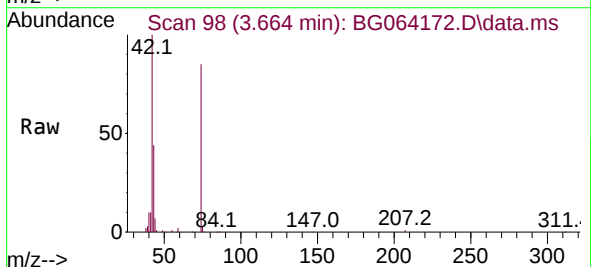
Tgt Ion: 42 Resp: 59325

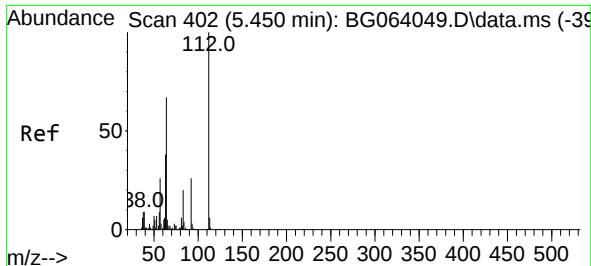
Ion Ratio Lower Upper

42 100

74 84.7 68.0 102.0

44 7.0 4.9 7.3

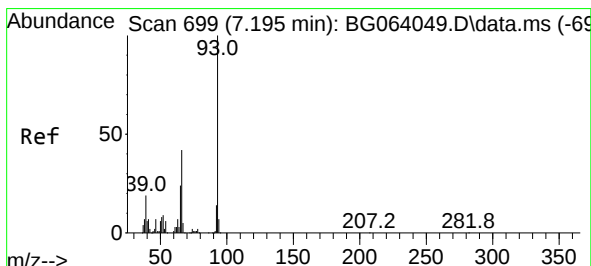
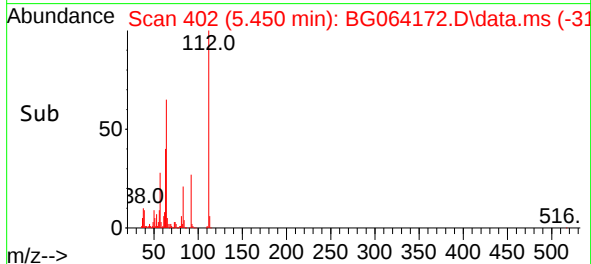
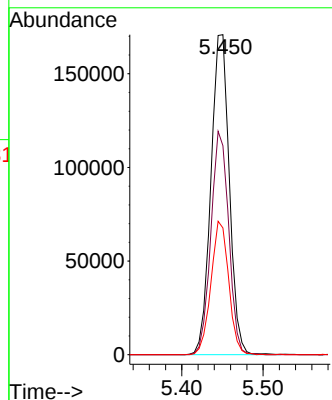
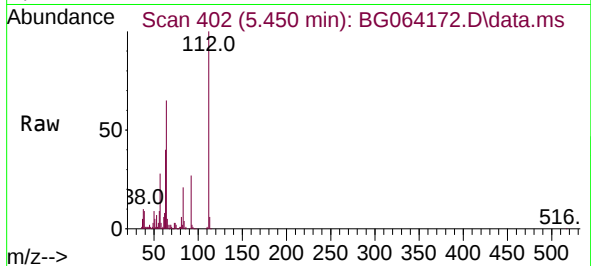




#5
2-Fluorophenol
Concen: 144.801 ng
RT: 5.450 min Scan# 402
Delta R.T. 0.001 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

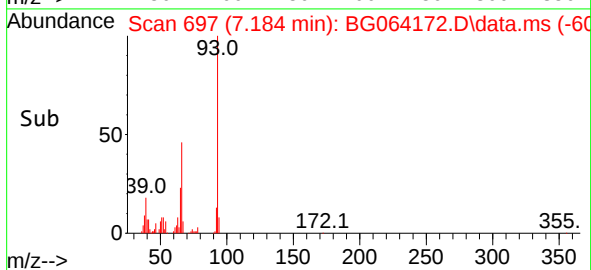
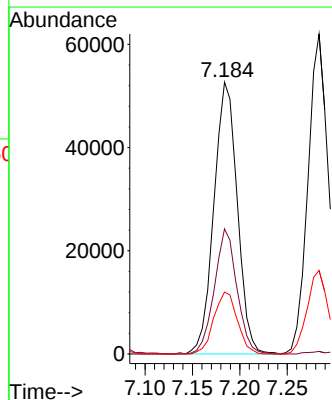
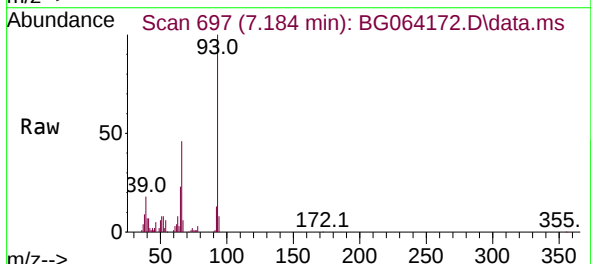
Instrument :
BNA_G
ClientSampleId :

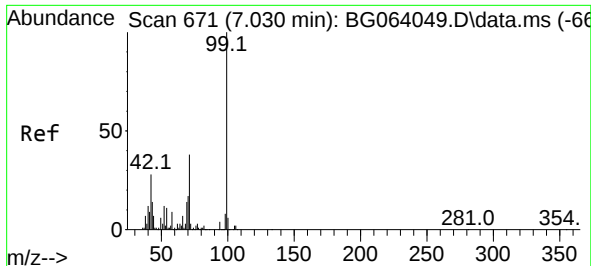
Tgt Ion:112 Resp: 268867
Ion Ratio Lower Upper
112 100
64 65.3 53.7 80.5
63 39.6 30.2 45.4



#6
Aniline
Concen: 36.535 ng
RT: 7.184 min Scan# 697
Delta R.T. -0.011 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

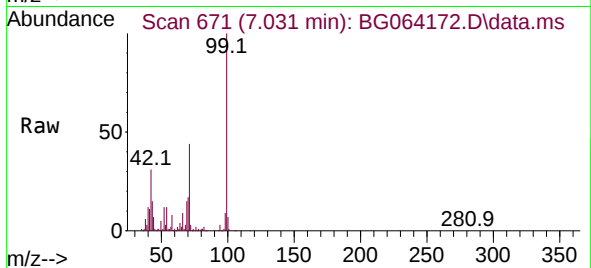
Tgt Ion: 93 Resp: 90557
Ion Ratio Lower Upper
93 100
66 46.0 33.7 50.5
65 22.8 19.1 28.7



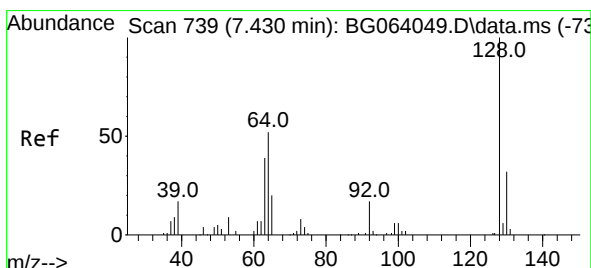
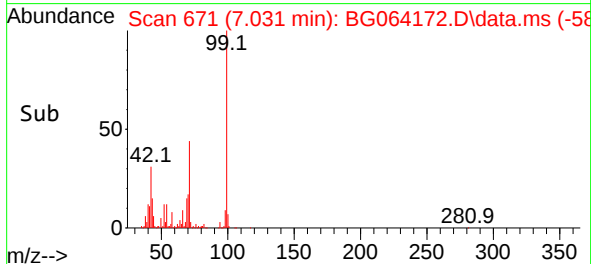
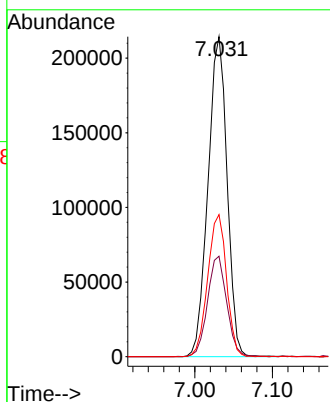


#7
Phenol-d6
Concen: 145.247 ng
RT: 7.031 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

Instrument :
BNA_G
ClientSampleId :

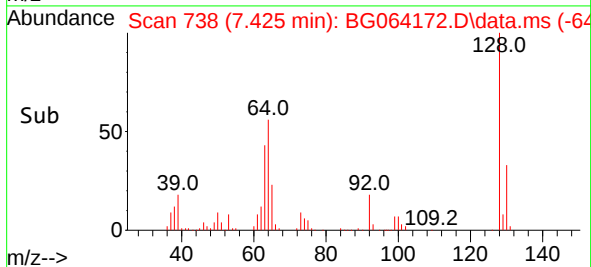
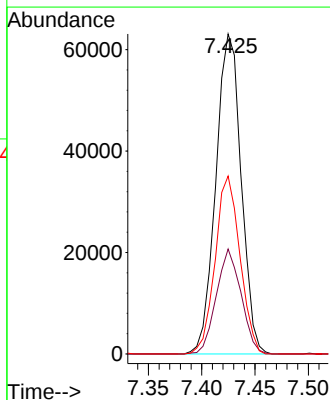
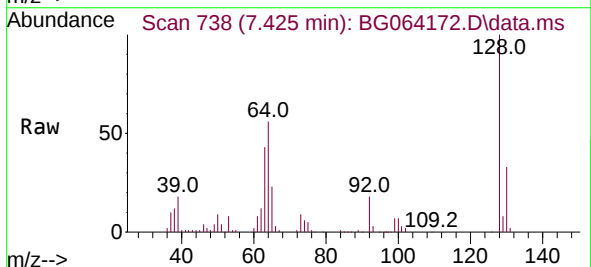


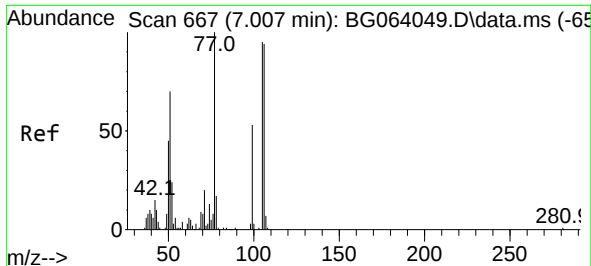
Tgt Ion: 99 Resp: 366891
Ion Ratio Lower Upper
99 100
42 31.4 22.7 34.1
71 44.4 30.6 46.0



#8
2-Chlorophenol
Concen: 52.211 ng
RT: 7.425 min Scan# 738
Delta R.T. -0.005 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

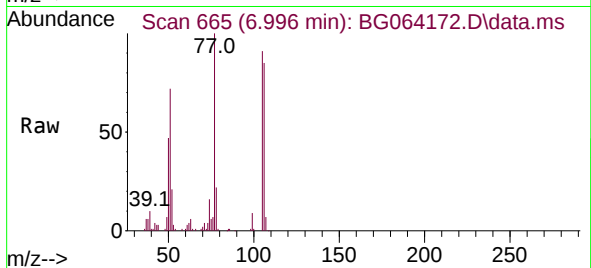
Tgt Ion:128 Resp: 104121
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 55.6 37.0 77.0



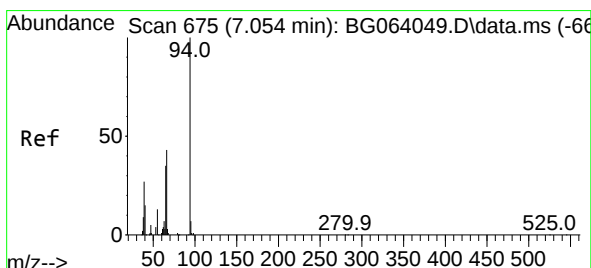
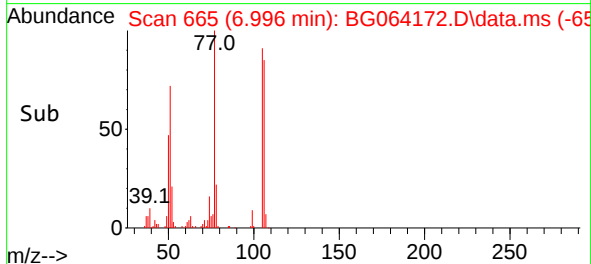
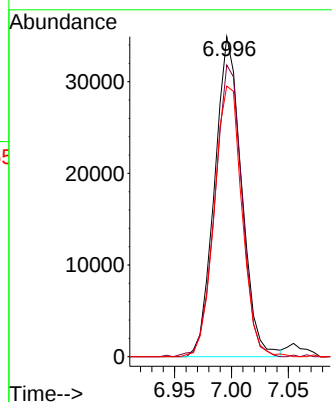


#9
Benzaldehyde
Concen: 39.175 ng
RT: 6.996 min Scan# 665
Delta R.T. -0.011 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

Instrument :
BNA_G
ClientSampleId :

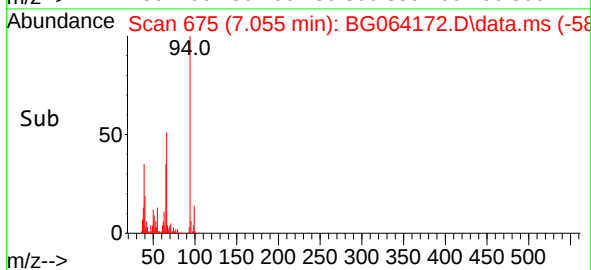
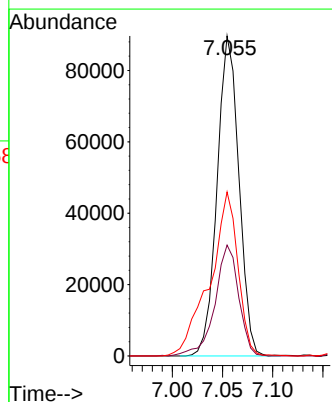
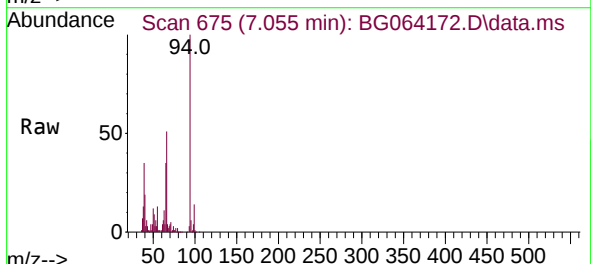


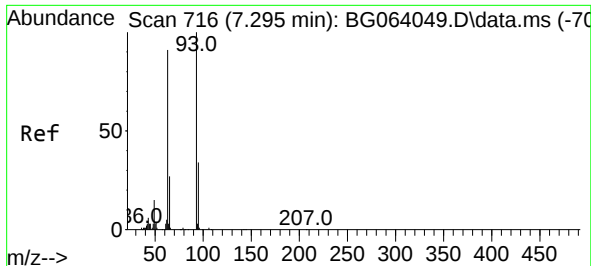
Tgt Ion: 77 Resp: 57552
Ion Ratio Lower Upper
77 100
105 91.2 75.5 115.5
106 84.6 74.2 114.2



#10
Phenol
Concen: 52.309 ng
RT: 7.055 min Scan# 675
Delta R.T. 0.001 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

Tgt Ion: 94 Resp: 135282
Ion Ratio Lower Upper
94 100
65 34.7 15.2 55.2
66 51.2 25.1 65.1

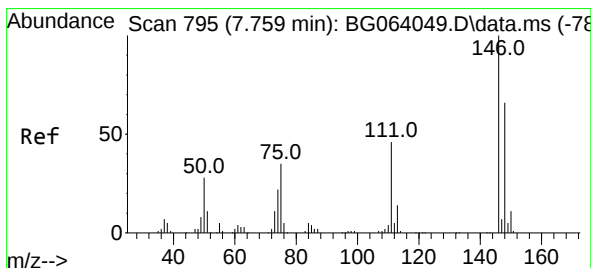
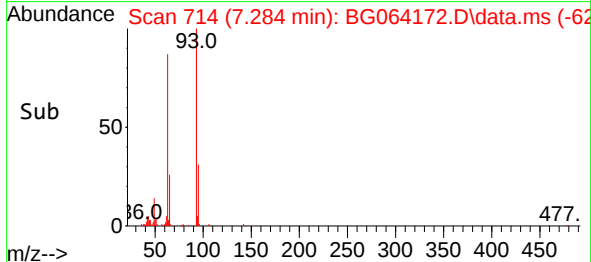
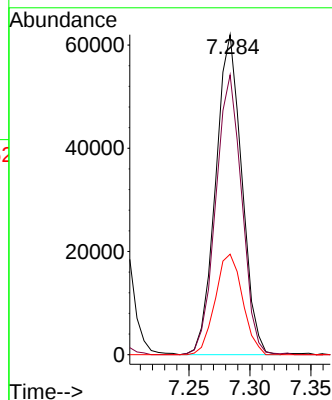
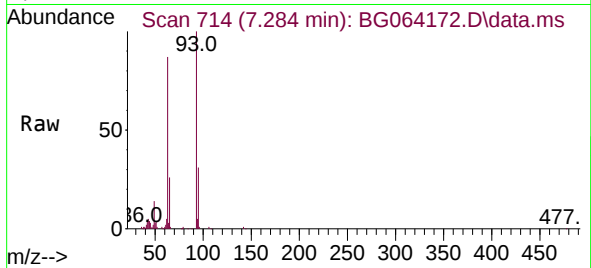




#11
bis(2-Chloroethyl)ether
Concen: 45.631 ng
RT: 7.284 min Scan# 716
Delta R.T. -0.011 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

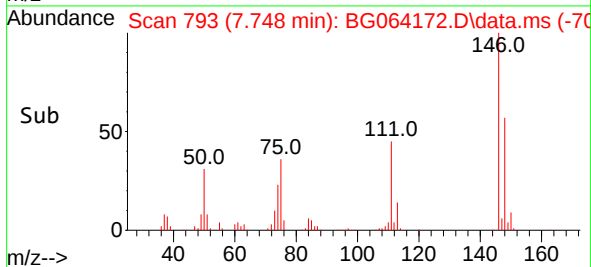
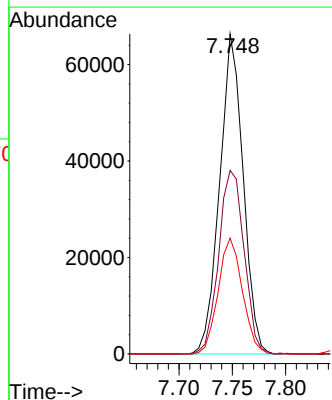
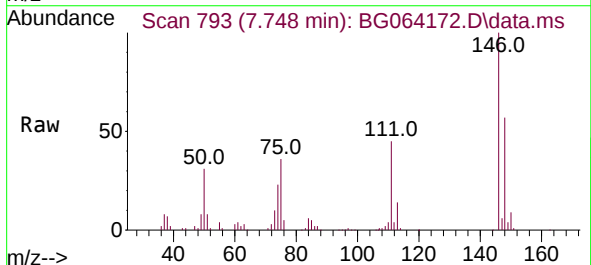
Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 92520
Ion Ratio Lower Upper
93 100
63 87.4 70.0 110.0
95 31.4 13.7 53.7



#12
1,3-Dichlorobenzene
Concen: 46.356 ng
RT: 7.748 min Scan# 793
Delta R.T. -0.011 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

Tgt Ion:146 Resp: 101516
Ion Ratio Lower Upper
146 100
148 57.3 52.6 78.8
75 36.2 28.1 42.1

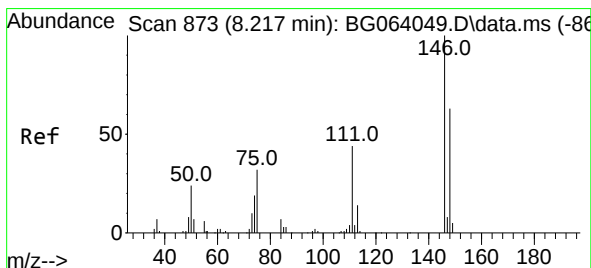
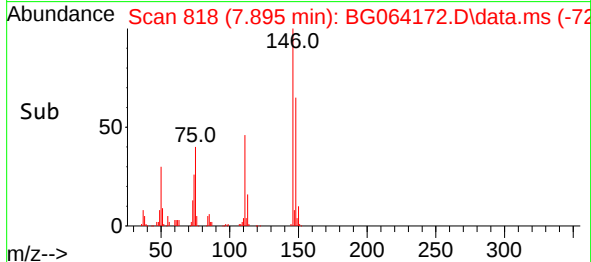
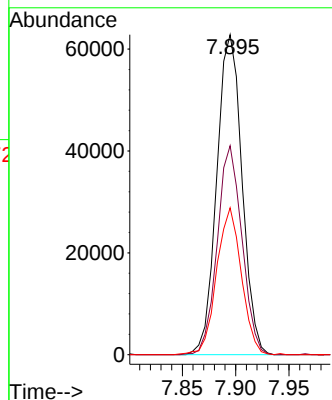
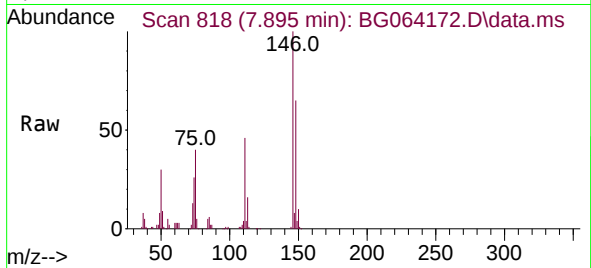




#13
1,4-Dichlorobenzene
Concen: 46.070 ng
RT: 7.895 min Scan# 819
Delta R.T. -0.005 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

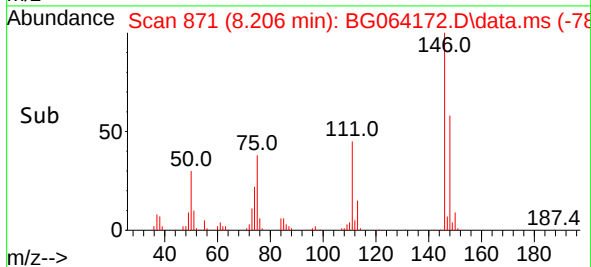
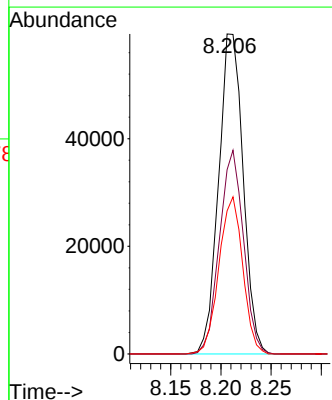
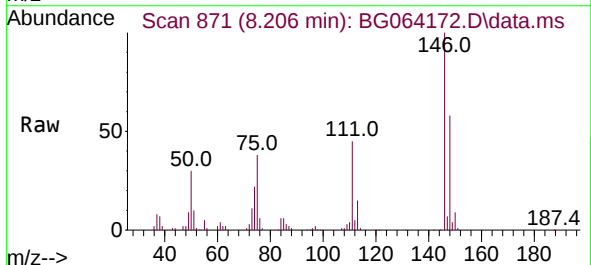
Instrument :
BNA_G
ClientSampleId :

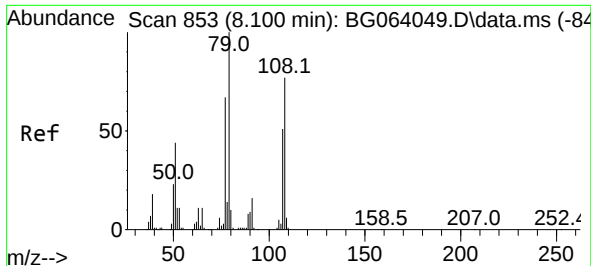
Tgt Ion:146 Resp: 103412
Ion Ratio Lower Upper
146 100
148 65.3 50.6 75.8
111 45.9 35.1 52.7



#14
1,2-Dichlorobenzene
Concen: 46.742 ng
RT: 8.206 min Scan# 871
Delta R.T. -0.011 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

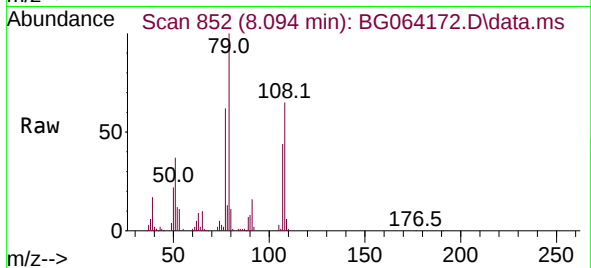
Tgt Ion:146 Resp: 101172
Ion Ratio Lower Upper
146 100
148 57.5 50.2 75.2
111 44.7 36.4 54.6



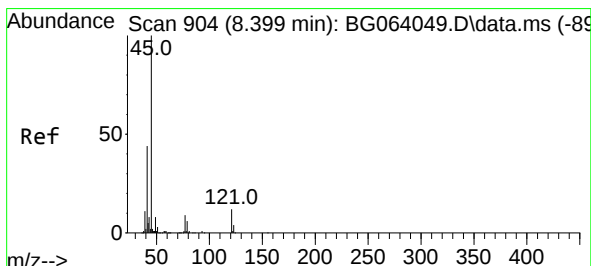
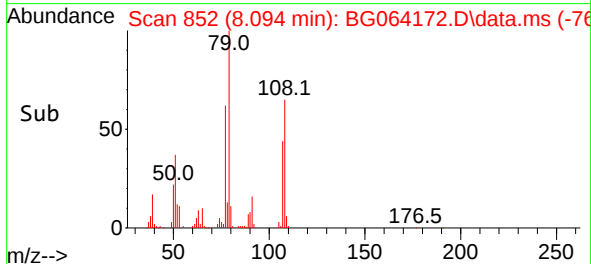
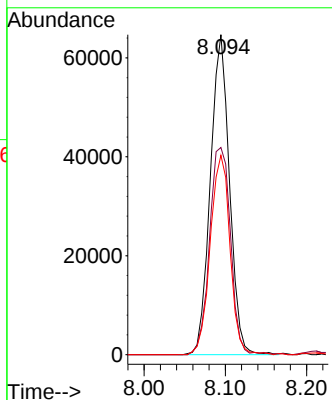


#15
Benzyl Alcohol
Concen: 54.141 ng
RT: 8.094 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

Instrument :
BNA_G
ClientSampleId :

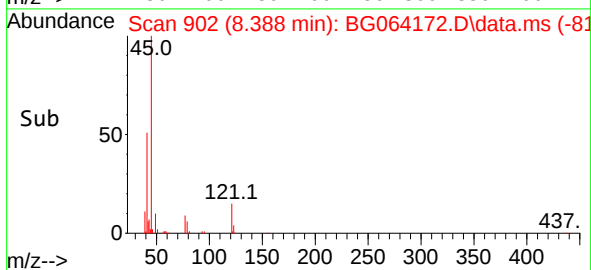
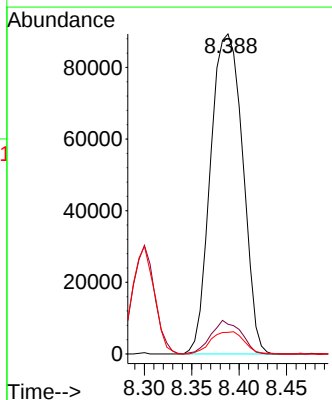
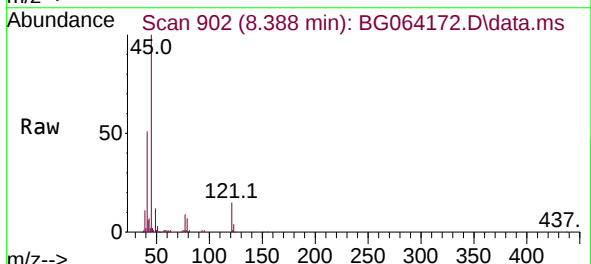


Tgt Ion: 79 Resp: 105681
Ion Ratio Lower Upper
79 100
108 64.8 61.7 92.5
77 62.3 53.9 80.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.257 ng
RT: 8.388 min Scan# 902
Delta R.T. -0.011 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

Tgt Ion: 45 Resp: 210886
Ion Ratio Lower Upper
45 100
77 9.3 0.0 29.0
79 6.8 0.0 26.6





#17

2-Methylphenol

Concen: 54.988 ng

RT: 8.300 min Scan# 887

Delta R.T. 0.001 min

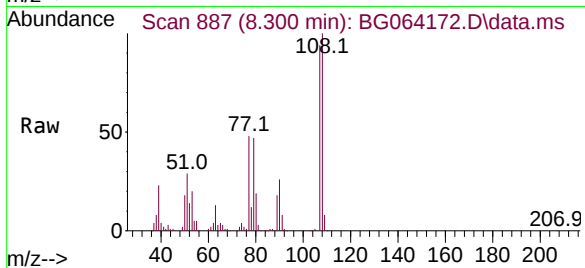
Lab File: BG064172.D

Acq: 3 Apr 2025 18:36

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:107 Resp: 94383

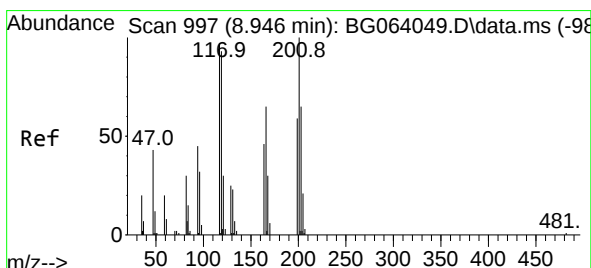
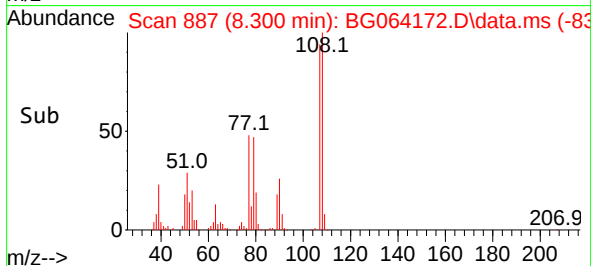
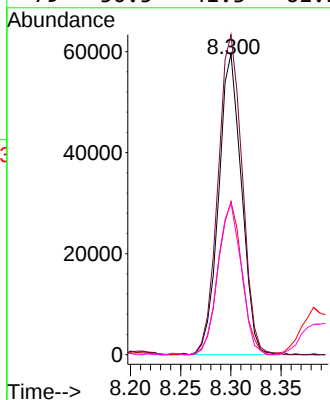
Ion Ratio Lower Upper

107 100

108 106.4 92.5 138.7

77 50.9 40.5 60.7

79 50.5 41.3 61.9



#18

Hexachloroethane

Concen: 53.323 ng

RT: 8.935 min Scan# 995

Delta R.T. -0.011 min

Lab File: BG064172.D

Acq: 3 Apr 2025 18:36

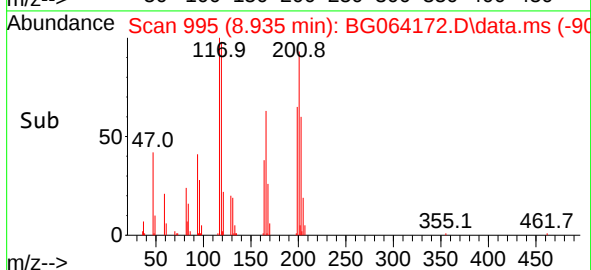
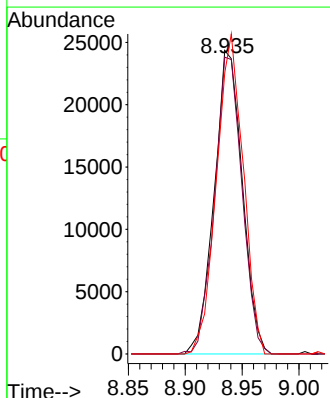
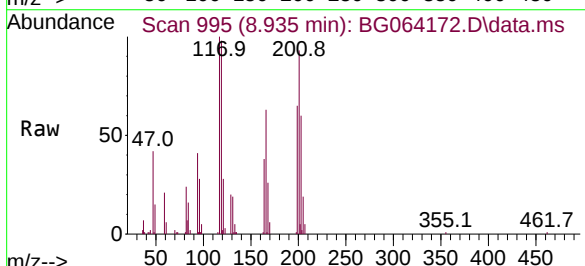
Tgt Ion:117 Resp: 41877

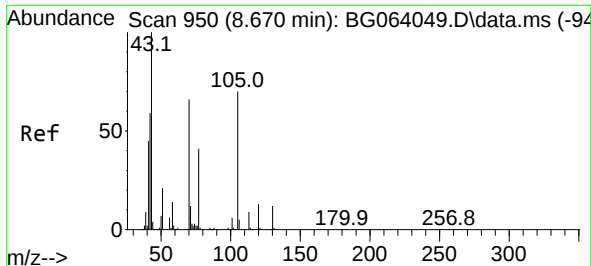
Ion Ratio Lower Upper

117 100

119 97.8 76.2 114.2

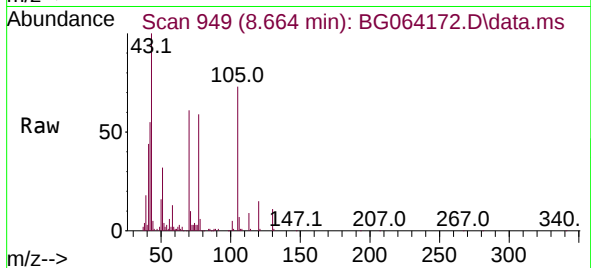
201 92.6 81.5 122.3





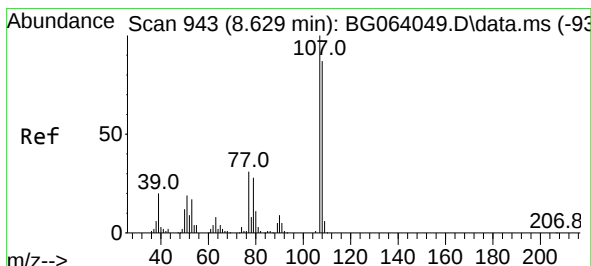
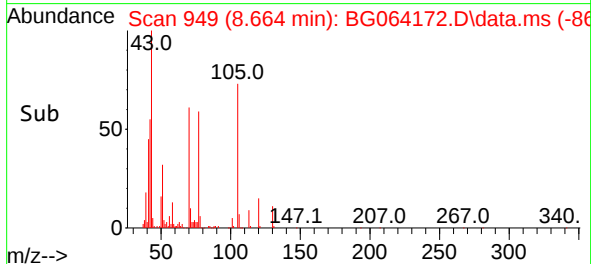
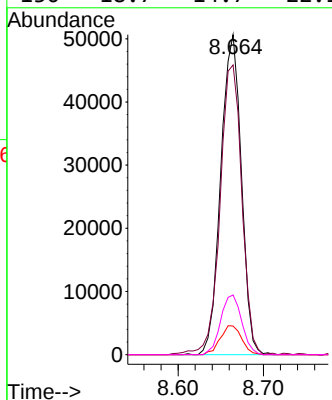
#19
n-Nitroso-di-n-propylamine
Concen: 47.944 ng
RT: 8.664 min Scan# 949
Delta R.T. -0.005 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

Instrument :
BNA_G
ClientSampleId :



Tgt Ion: 70 Resp: 84992

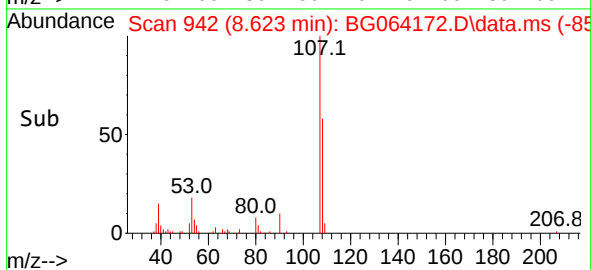
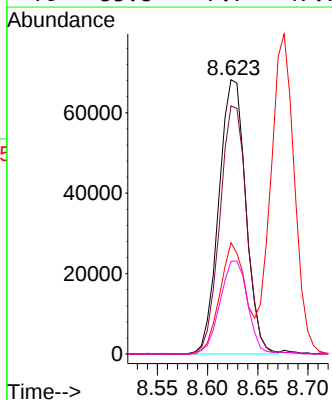
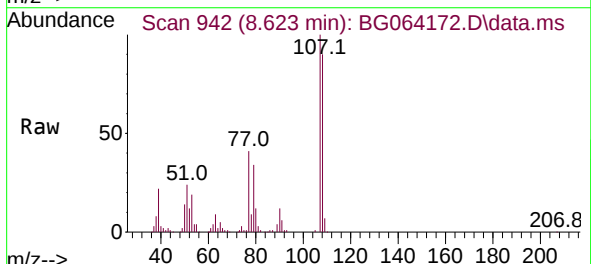
Ion	Ratio	Lower	Upper
70	100		
42	90.6	72.1	108.1
101	8.9	7.2	10.8
130	18.7	14.7	22.1

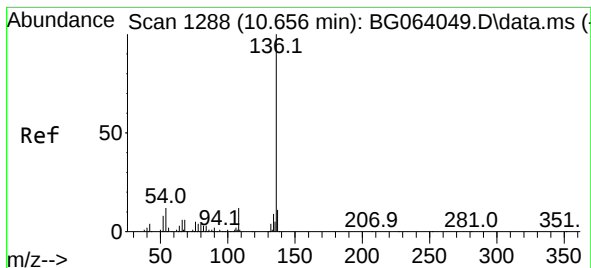


#20
3+4-Methylphenols
Concen: 53.866 ng
RT: 8.623 min Scan# 942
Delta R.T. -0.005 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

Tgt Ion: 107 Resp: 127285

Ion	Ratio	Lower	Upper
107	100		
108	90.5	67.0	107.0
77	40.6	11.2	51.2
79	33.8	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.650 min Scan# 1

Delta R.T. -0.006 min

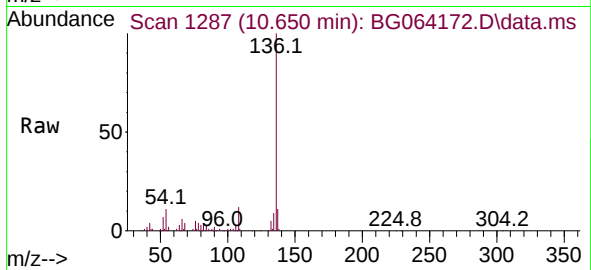
Lab File: BG064172.D

Acq: 3 Apr 2025 18:36

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:136 Resp: 132732

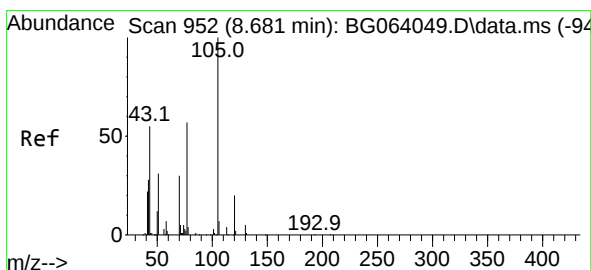
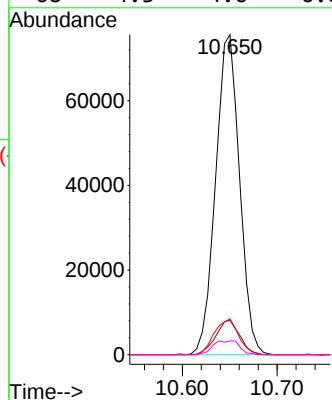
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 11.2 9.9 14.9

68 4.3 4.6 6.8#



#22

Acetophenone

Concen: 45.333 ng

RT: 8.676 min Scan# 951

Delta R.T. -0.005 min

Lab File: BG064172.D

Acq: 3 Apr 2025 18:36

Tgt Ion:105 Resp: 164977

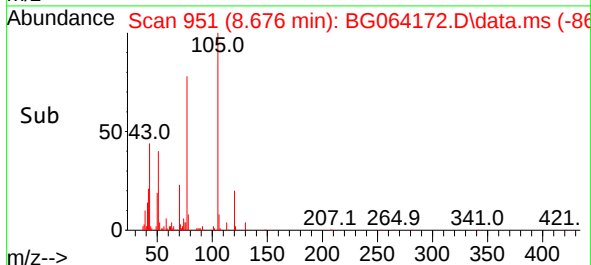
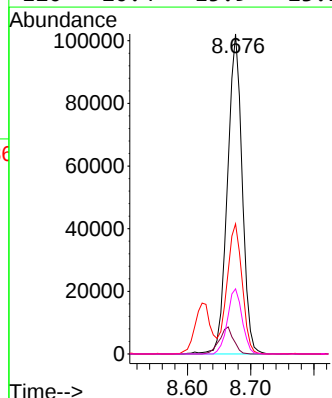
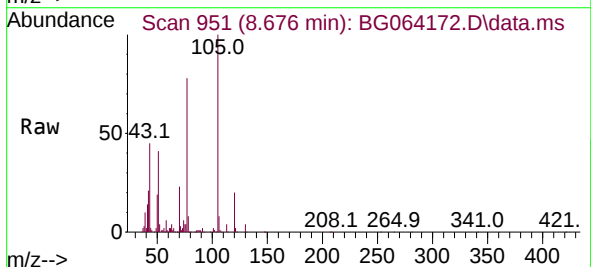
Ion Ratio Lower Upper

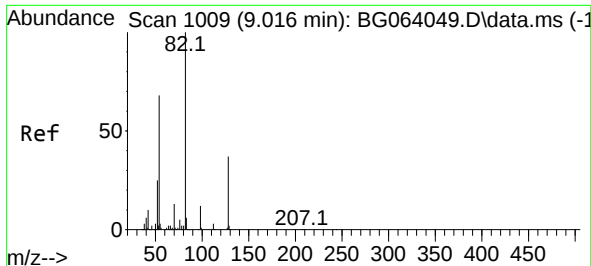
105 100

71 3.4 4.2 6.4#

51 40.6 33.3 49.9

120 20.4 15.9 23.9

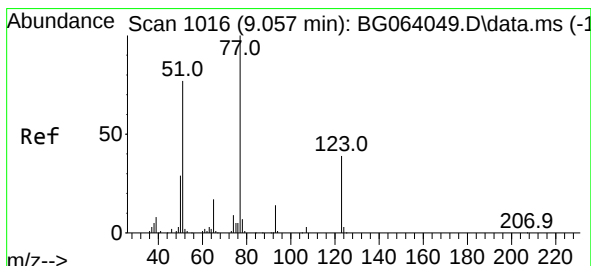
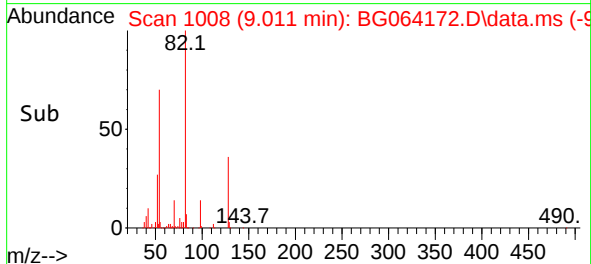
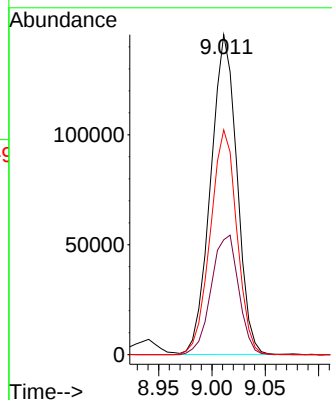
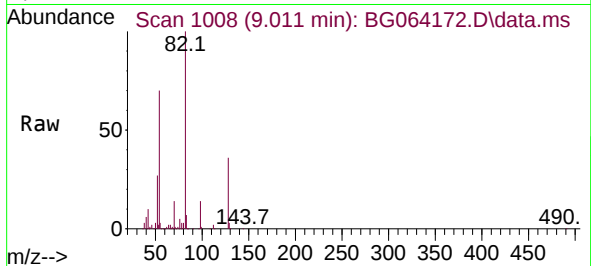




#23
Nitrobenzene-d5
Concen: 103.615 ng
RT: 9.011 min Scan# 1008
Delta R.T. -0.005 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

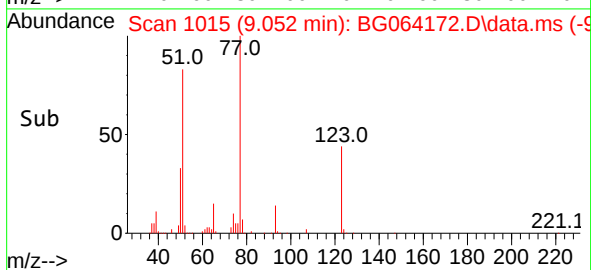
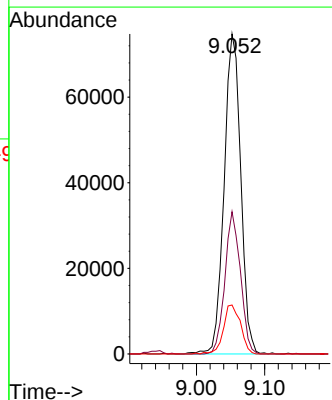
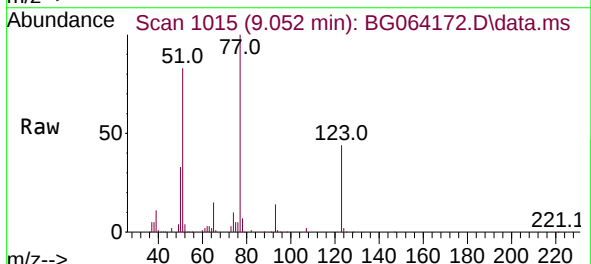
Instrument :
BNA_G
ClientSampleId :

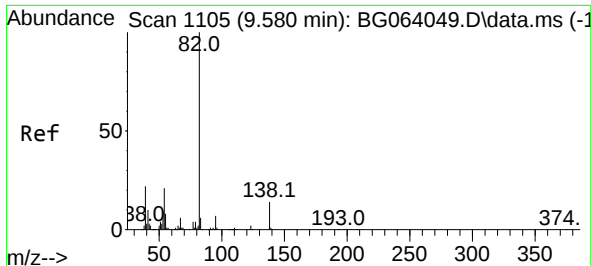
Tgt Ion: 82 Resp: 248870
Ion Ratio Lower Upper
82 100
128 35.9 30.0 45.0
54 70.2 54.7 82.1



#24
Nitrobenzene
Concen: 51.133 ng
RT: 9.052 min Scan# 1015
Delta R.T. -0.005 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

Tgt Ion: 77 Resp: 126923
Ion Ratio Lower Upper
77 100
123 44.5 31.4 47.2
65 15.3 13.4 20.0

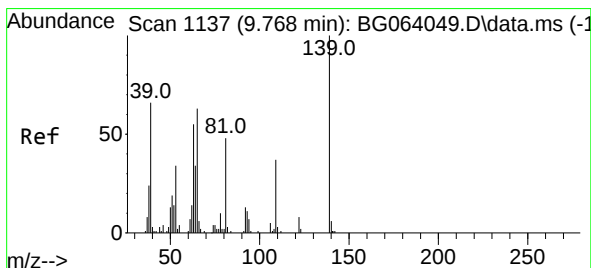
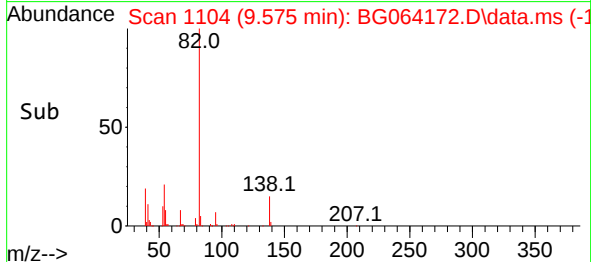
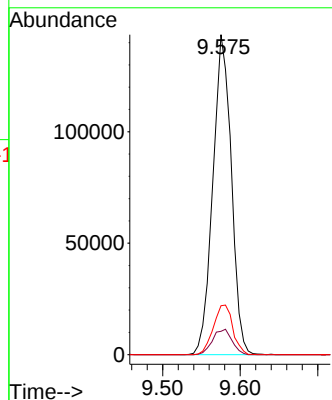
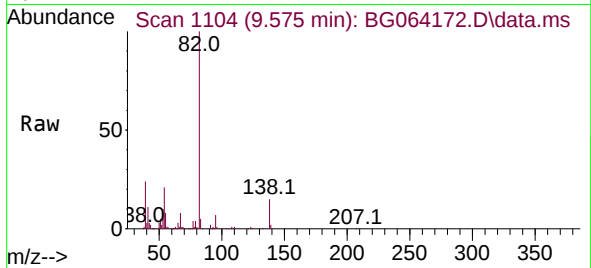




#25
Isophorone
Concen: 49.424 ng
RT: 9.575 min Scan# 1104
Delta R.T. -0.005 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

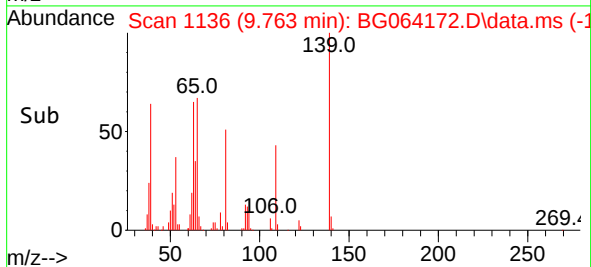
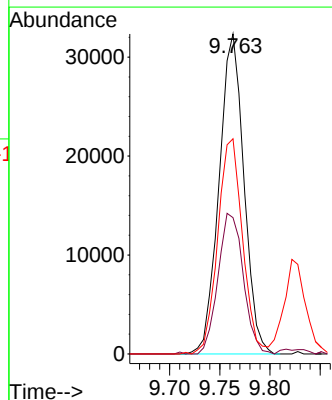
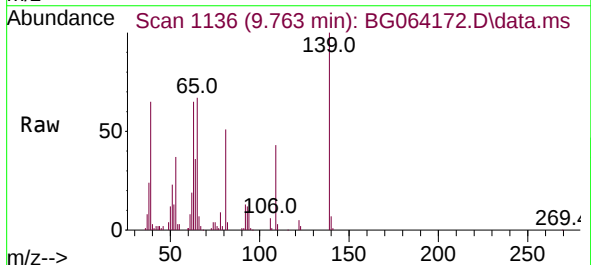
Instrument :
BNA_G
ClientSampleId :

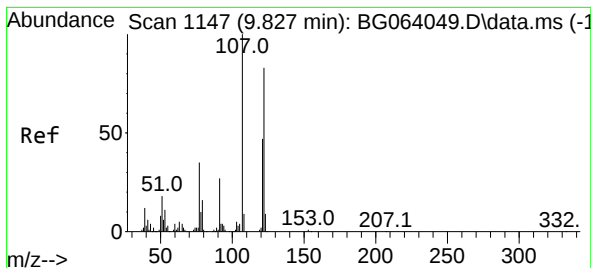
Tgt Ion: 82 Resp: 237603
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 15.3 10.9 16.3



#26
2-Nitrophenol
Concen: 60.951 ng
RT: 9.763 min Scan# 1136
Delta R.T. -0.005 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

Tgt Ion:139 Resp: 55538
Ion Ratio Lower Upper
139 100
109 42.6 29.9 44.9
65 67.2 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 76.216 ng

RT: 9.828 min Scan# 1147

Delta R.T. 0.001 min

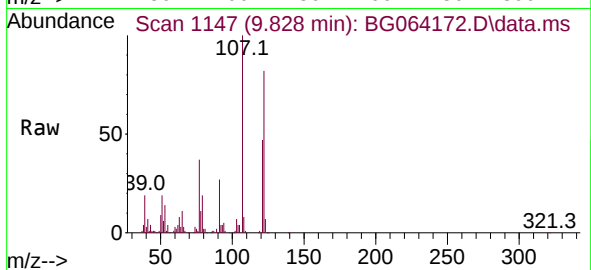
Lab File: BG064172.D

Acq: 3 Apr 2025 18:36

Instrument :

BNA_G

ClientSampleId :



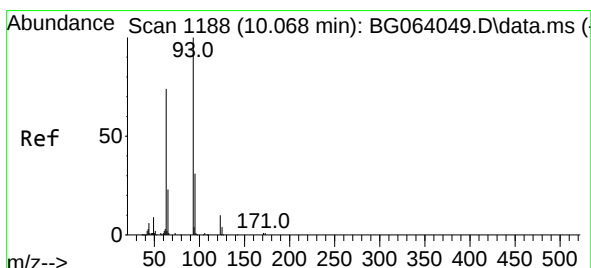
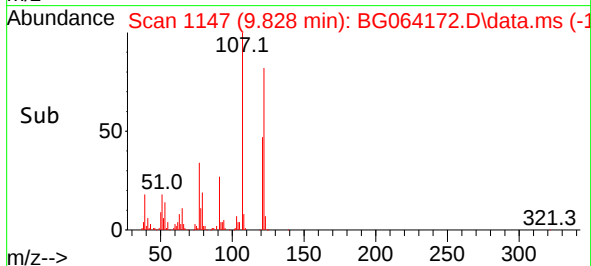
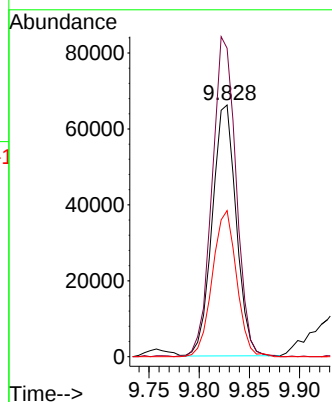
Tgt Ion:122 Resp: 109842

Ion Ratio Lower Upper

122 100

107 122.5 95.4 143.0

121 58.1 44.9 67.3



#28

bis(2-Chloroethoxy)methane

Concen: 47.049 ng

RT: 10.063 min Scan# 1187

Delta R.T. -0.005 min

Lab File: BG064172.D

Acq: 3 Apr 2025 18:36

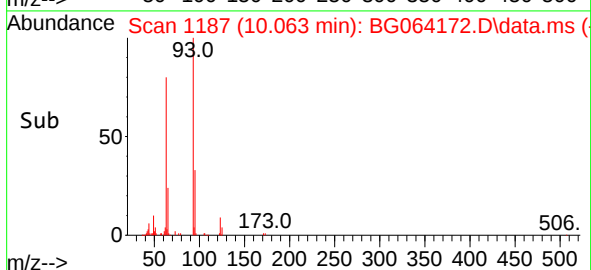
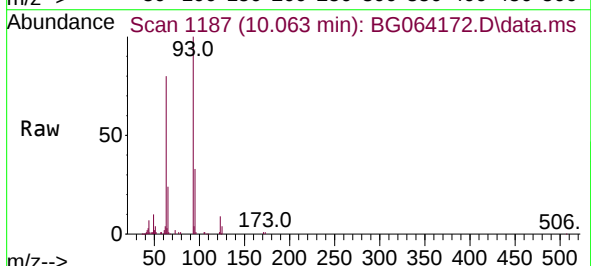
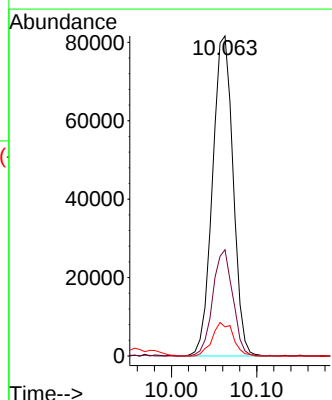
Tgt Ion: 93 Resp: 137132

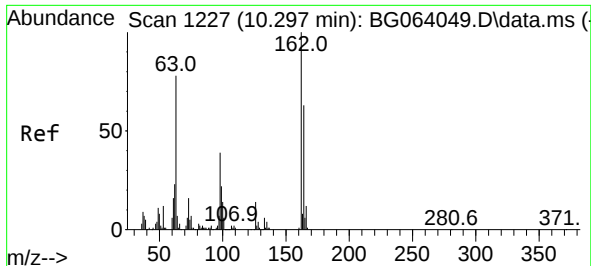
Ion Ratio Lower Upper

93 100

95 33.2 25.0 37.4

123 9.1 7.6 11.4

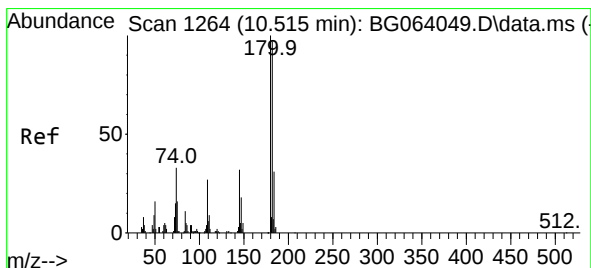
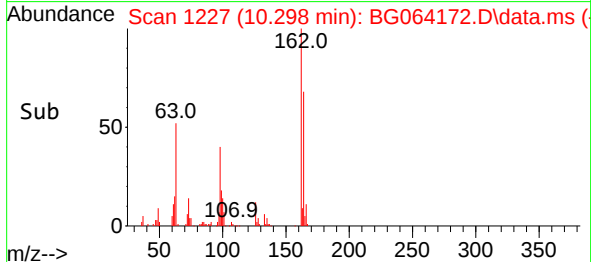
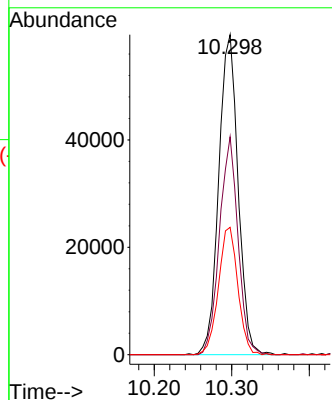
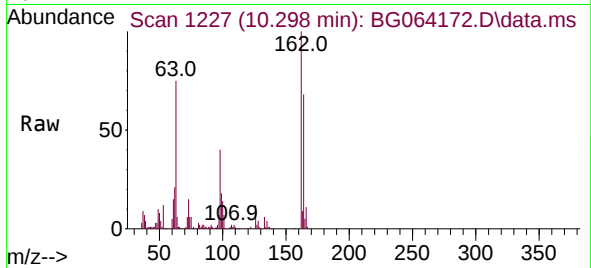




#29
2,4-Dichlorophenol
Concen: 56.896 ng
RT: 10.298 min Scan# 1227
Delta R.T. 0.001 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

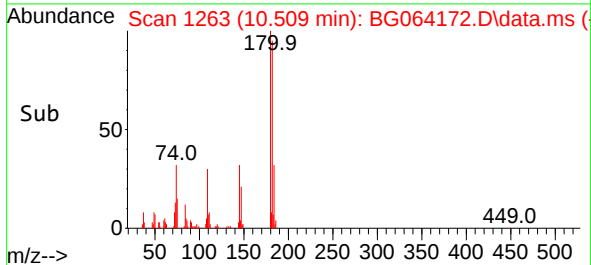
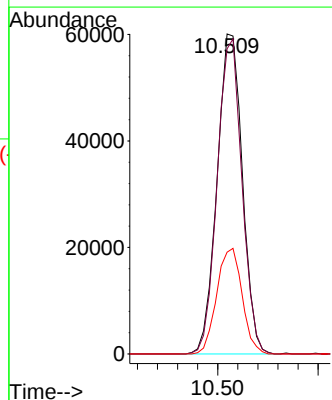
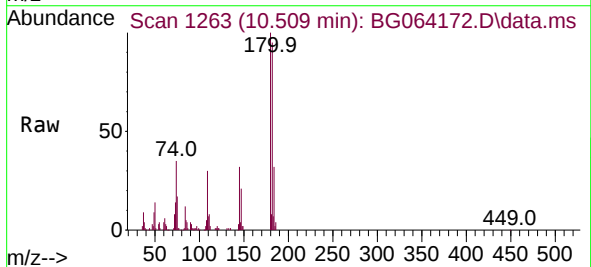
Instrument :
BNA_G
ClientSampleId :

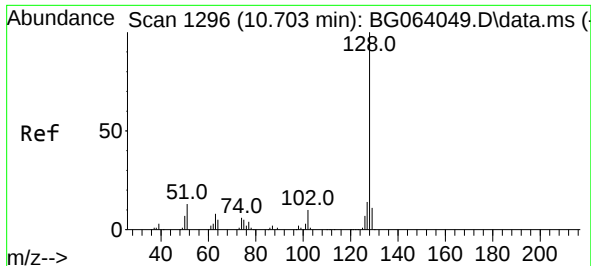
Tgt Ion:162 Resp: 103540
Ion Ratio Lower Upper
162 100
164 68.1 42.8 82.8
98 39.8 19.1 59.1



#30
1,2,4-Trichlorobenzene
Concen: 47.794 ng
RT: 10.509 min Scan# 1263
Delta R.T. -0.005 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

Tgt Ion:180 Resp: 104996
Ion Ratio Lower Upper
180 100
182 95.4 77.3 115.9
145 31.8 25.2 37.8

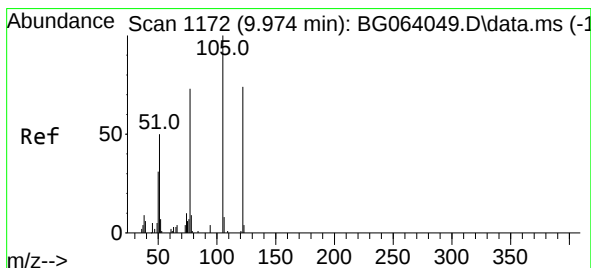
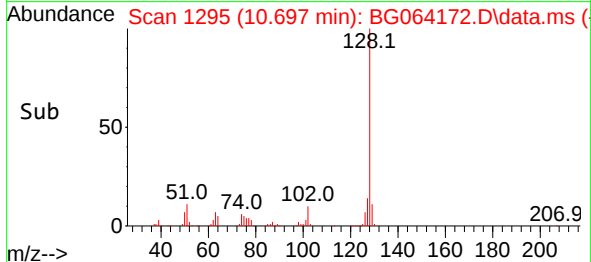
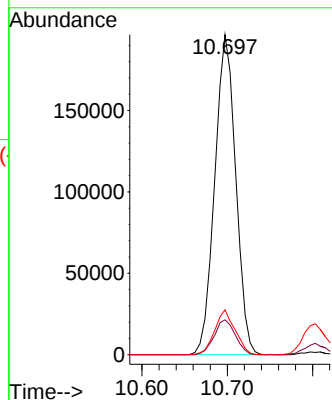
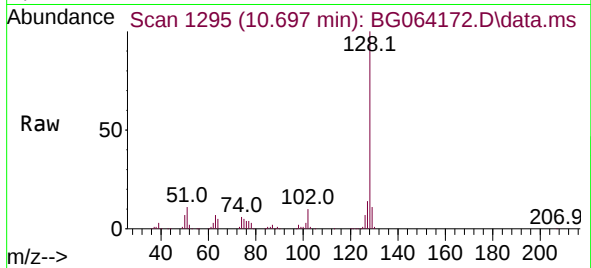




#31
Naphthalene
Concen: 46.918 ng
RT: 10.697 min Scan# 1295
Delta R.T. -0.005 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

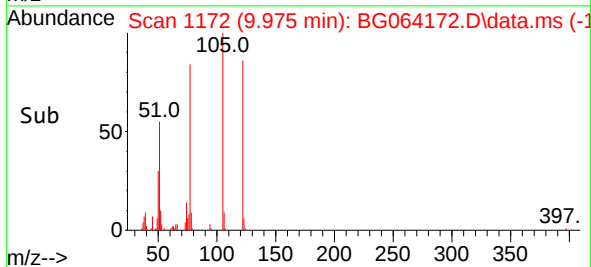
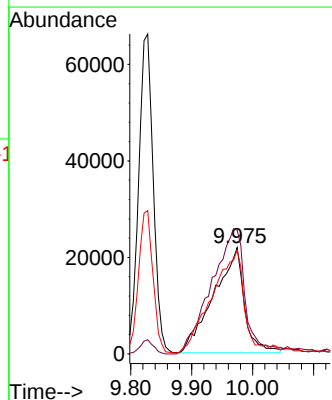
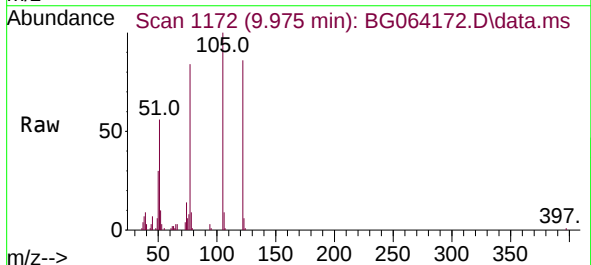
Instrument :
BNA_G
ClientSampleId :

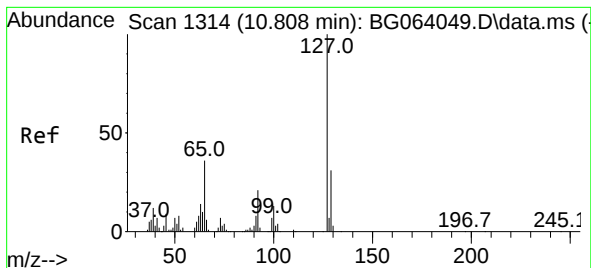
Tgt Ion:128 Resp: 335806
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 14.0 11.1 16.7



#32
Benzoic acid
Concen: 55.761 ng
RT: 9.975 min Scan# 1172
Delta R.T. 0.001 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

Tgt Ion:122 Resp: 76066
Ion Ratio Lower Upper
122 100
105 116.4 115.0 155.0
77 97.5 80.9 120.9

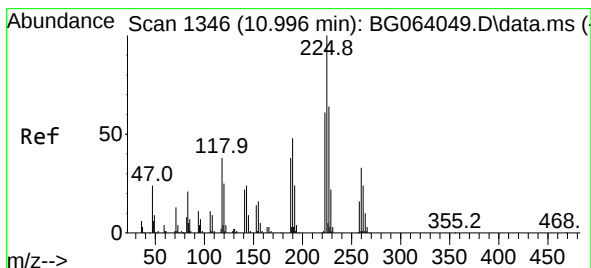
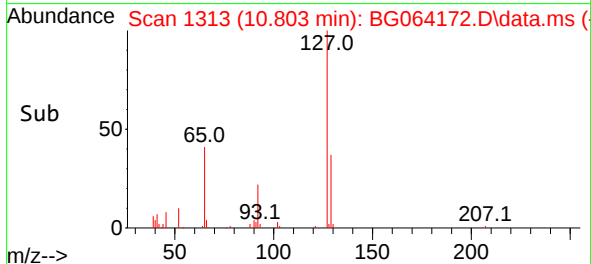
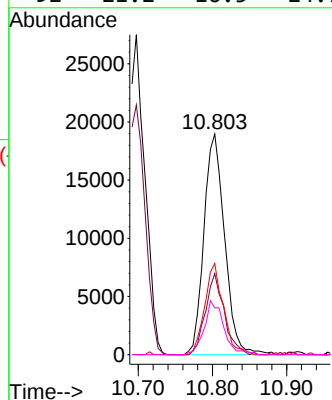
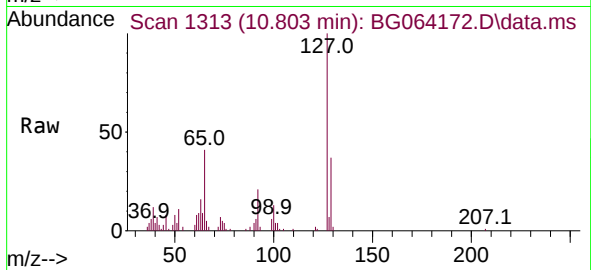




#33
4-Chloroaniline
Concen: 14.059 ng
RT: 10.803 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

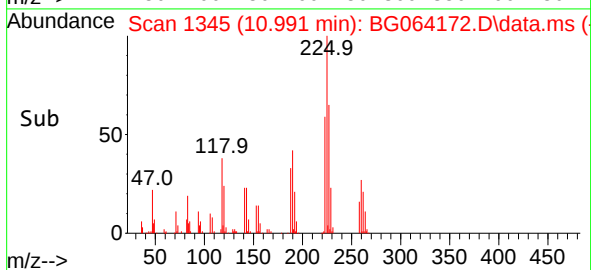
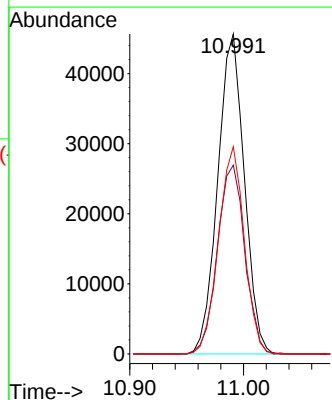
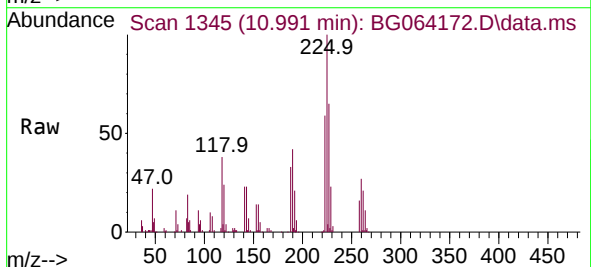
Instrument :
BNA_G
ClientSampleId :

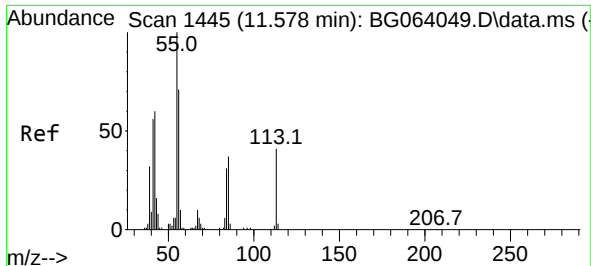
Tgt Ion:	127	Resp:	36778
Ion	Ratio	Lower	Upper
127	100		
129	36.8	25.0	37.4
65	41.3	28.5	42.7
92	21.2	16.5	24.7



#34
Hexachlorobutadiene
Concen: 51.499 ng
RT: 10.991 min Scan# 1345
Delta R.T. -0.005 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

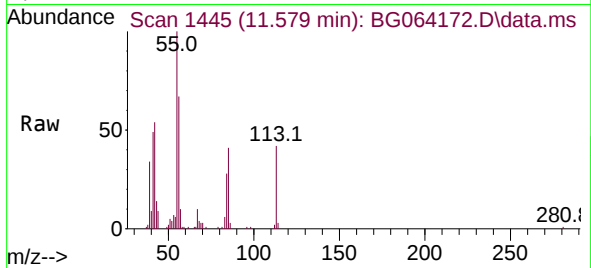
Tgt Ion:	225	Resp:	74156
Ion	Ratio	Lower	Upper
225	100		
223	59.0	48.5	72.7
227	64.7	51.0	76.6



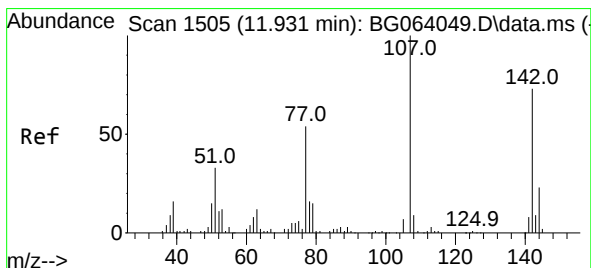
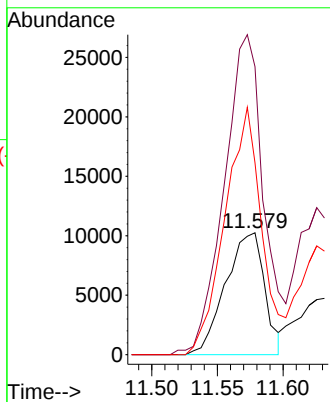
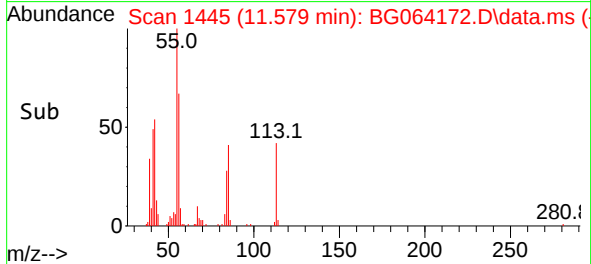


#35
Caprolactam
Concen: 30.431 ng
RT: 11.579 min Scan# 1445
Delta R.T. 0.001 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

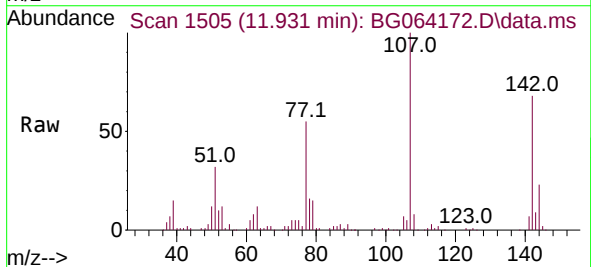
Instrument :
BNA_G
ClientSampleId :



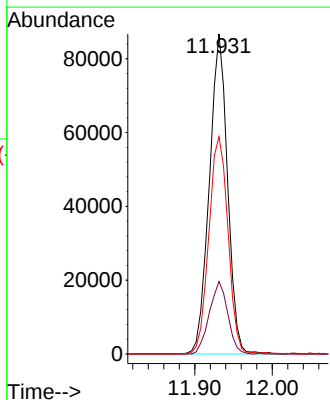
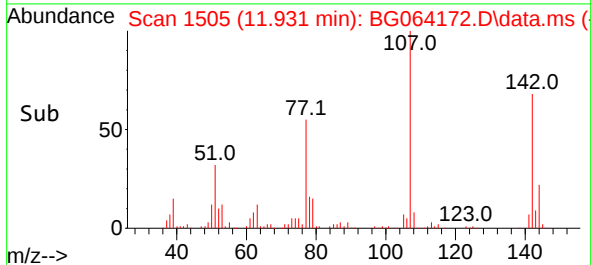
Tgt Ion:113 Resp: 21222
Ion Ratio Lower Upper
113 100
55 236.1 225.2 265.2
56 157.2 153.4 193.4

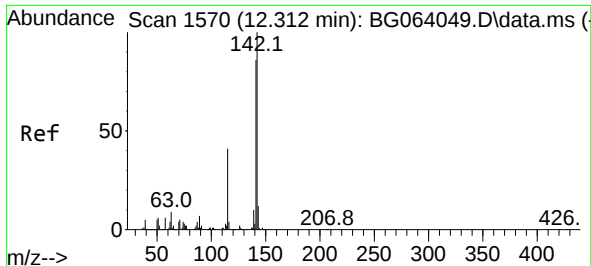


#36
4-Chloro-3-methylphenol
Concen: 59.268 ng
RT: 11.931 min Scan# 1505
Delta R.T. 0.001 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36



Tgt Ion:107 Resp: 141381
Ion Ratio Lower Upper
107 100
144 22.7 18.6 28.0
142 67.9 58.0 87.0

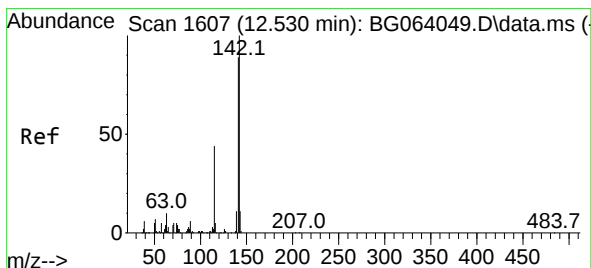
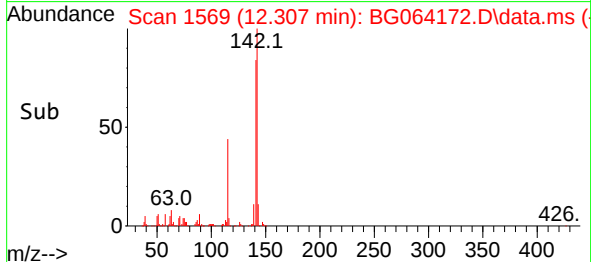
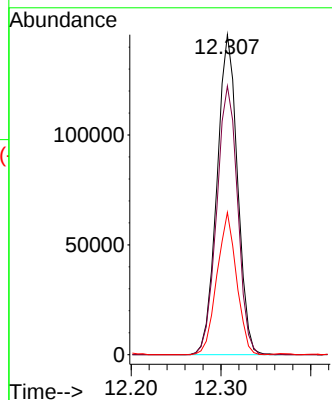
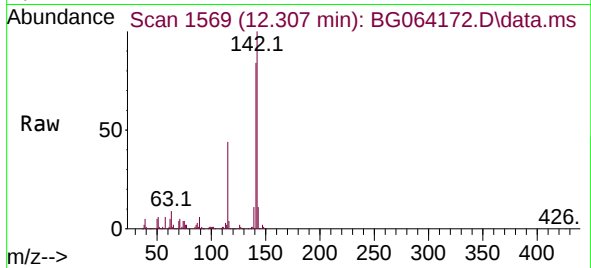




#37
2-Methylnaphthalene
Concen: 45.795 ng
RT: 12.307 min Scan# 1569
Delta R.T. -0.005 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

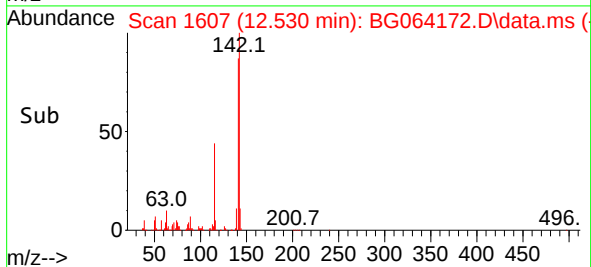
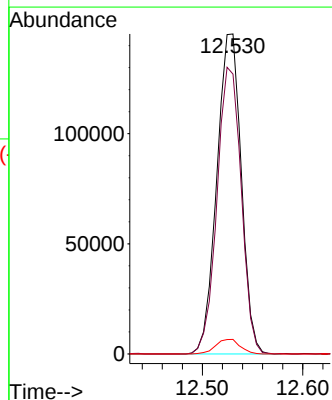
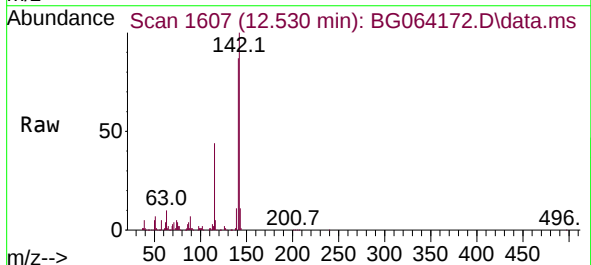
Instrument :
BNA_G
ClientSampleId :

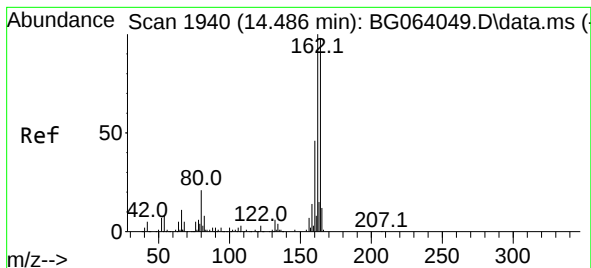
Tgt Ion:142 Resp: 231393
Ion Ratio Lower Upper
142 100
141 84.0 68.6 103.0
115 44.5 32.8 49.2



#38
1-Methylnaphthalene
Concen: 49.595 ng
RT: 12.530 min Scan# 1607
Delta R.T. 0.001 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

Tgt Ion:142 Resp: 245508
Ion Ratio Lower Upper
142 100
141 87.5 71.2 106.8
116 4.6 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.487 min Scan# 1940

Delta R.T. 0.001 min

Lab File: BG064172.D

Acq: 3 Apr 2025 18:36

Instrument :

BNA_G

ClientSampleId :

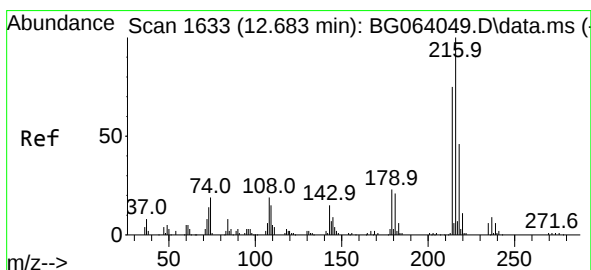
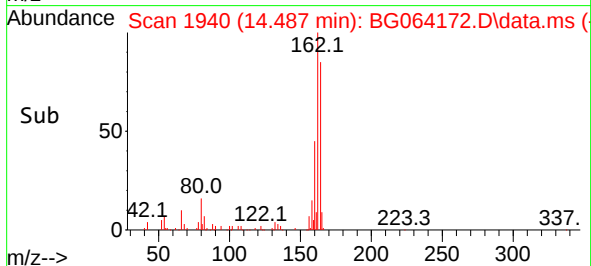
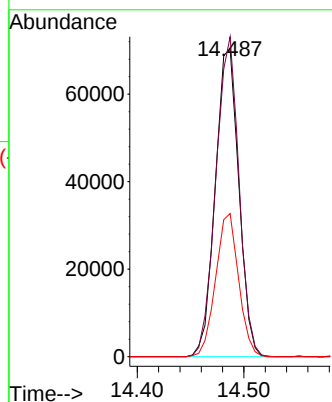
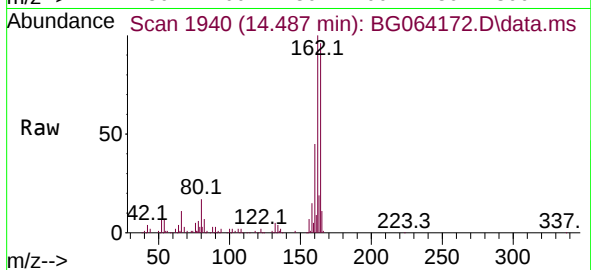
Tgt Ion:164 Resp: 108026

Ion Ratio Lower Upper

164 100

162 103.8 81.4 122.0

160 46.5 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.768 ng

RT: 12.677 min Scan# 1632

Delta R.T. -0.005 min

Lab File: BG064172.D

Acq: 3 Apr 2025 18:36

Tgt Ion:216 Resp: 134982

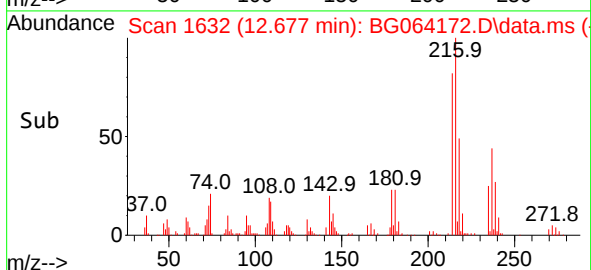
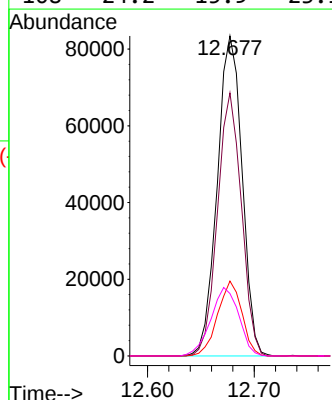
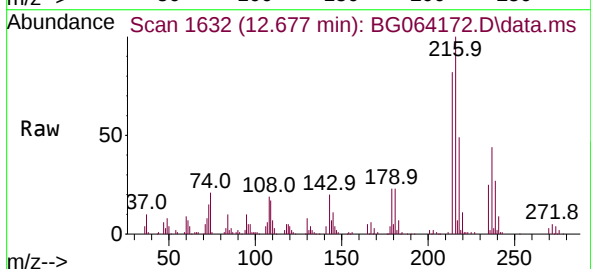
Ion Ratio Lower Upper

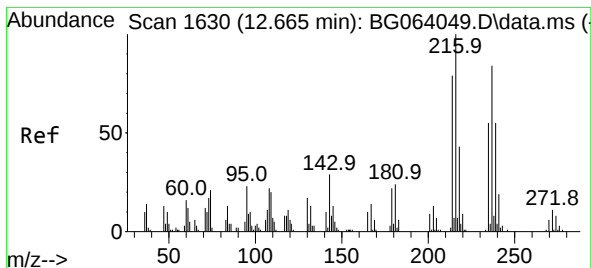
216 100

214 79.0 61.7 92.5

179 22.8 17.9 26.9

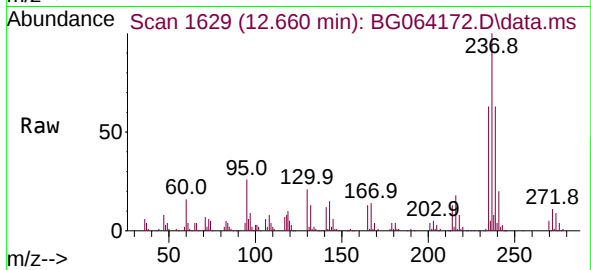
108 24.2 15.9 23.9#



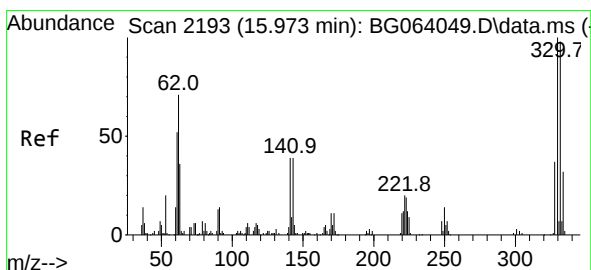
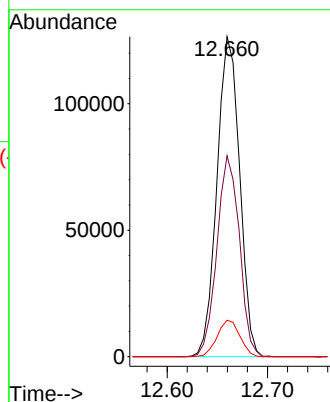
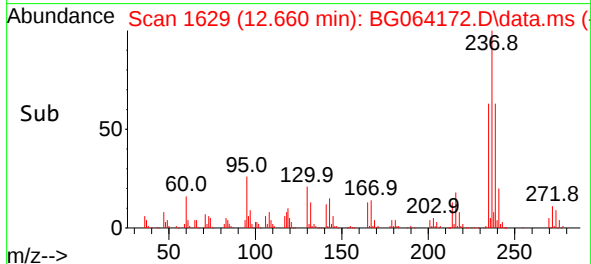


#41
Hexachlorocyclopentadiene
Concen: 228.444 ng
RT: 12.660 min Scan# 1629
Delta R.T. -0.005 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

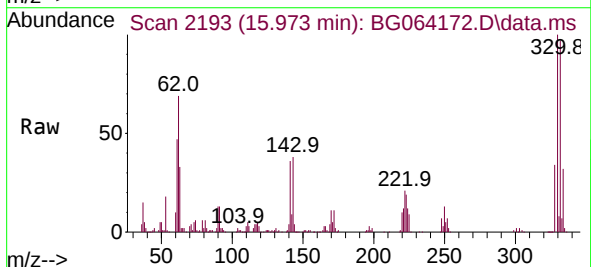
Instrument :
BNA_G
ClientSampleId :



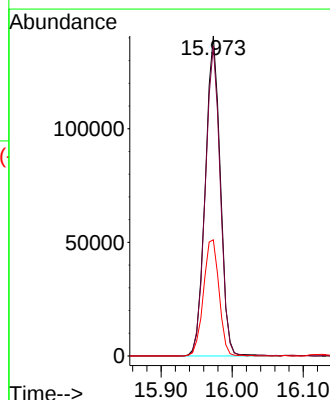
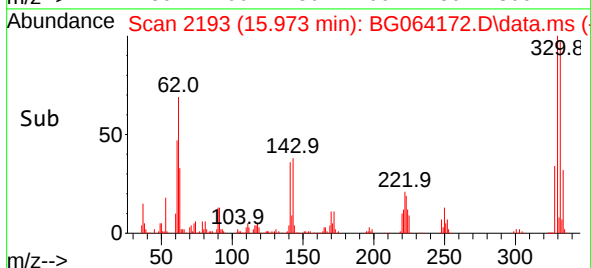
Tgt Ion:237 Resp: 198293
Ion Ratio Lower Upper
237 100
235 62.8 46.0 86.0
272 11.4 0.0 32.8

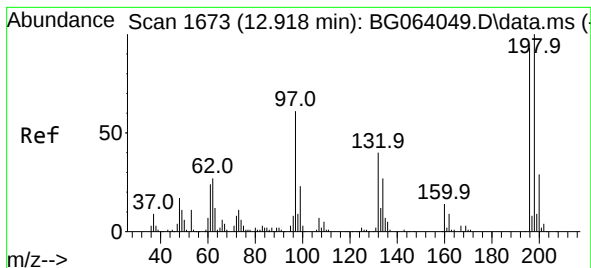


#42
2,4,6-Tribromophenol
Concen: 172.551 ng
RT: 15.973 min Scan# 2193
Delta R.T. 0.001 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36



Tgt Ion:330 Resp: 207197
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 37.7 29.7 44.5





#43

2,4,6-Trichlorophenol

Concen: 52.897 ng

RT: 12.912 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG064172.D

Acq: 3 Apr 2025 18:36

Instrument :

BNA_G

ClientSampleId :

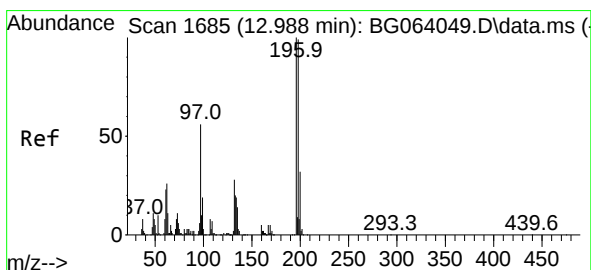
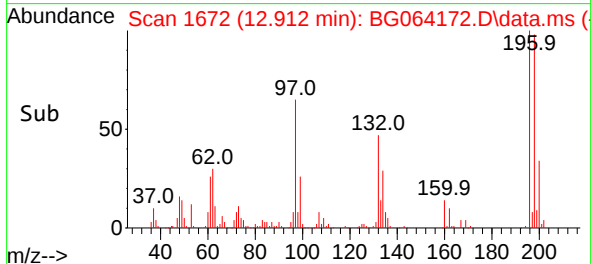
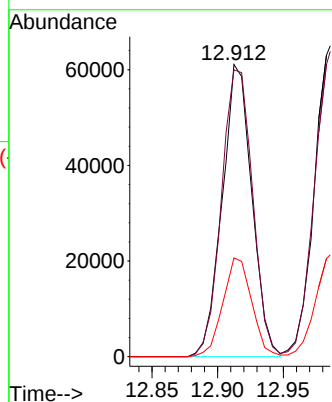
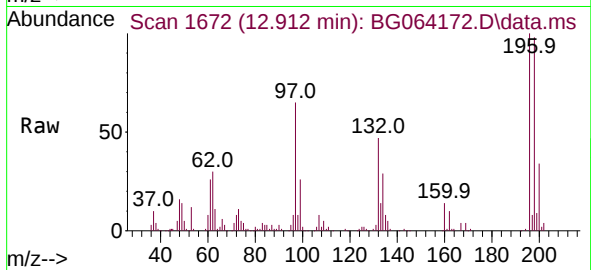
Tgt Ion:196 Resp: 96148

Ion Ratio Lower Upper

196 100

198 98.2 85.6 128.4

200 33.8 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 53.773 ng

RT: 12.989 min Scan# 1685

Delta R.T. 0.001 min

Lab File: BG064172.D

Acq: 3 Apr 2025 18:36

Tgt Ion:196 Resp: 108604

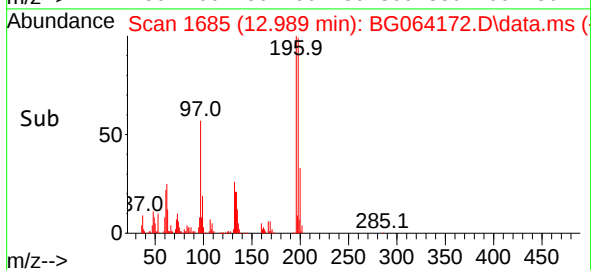
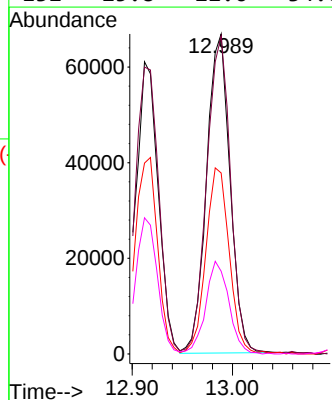
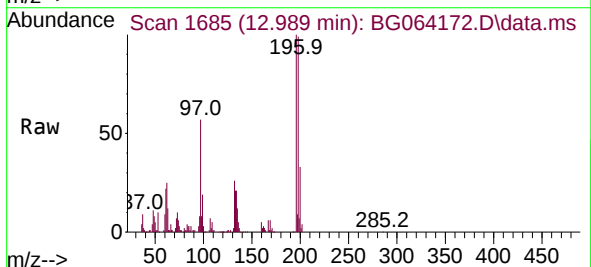
Ion Ratio Lower Upper

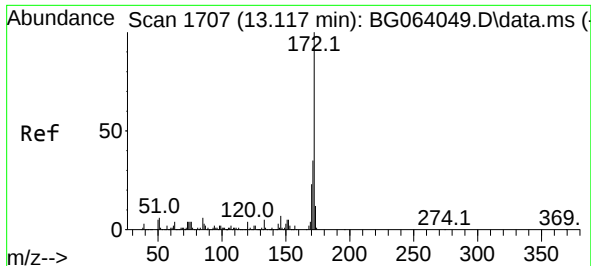
196 100

198 99.3 79.5 119.3

97 56.6 45.2 67.8

132 25.8 22.6 34.0

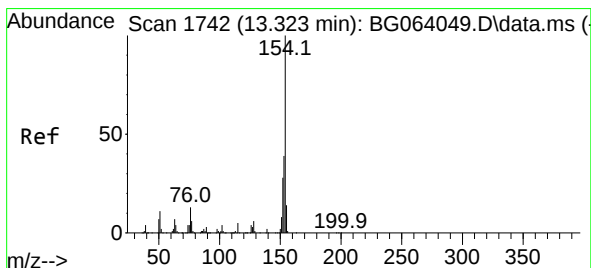
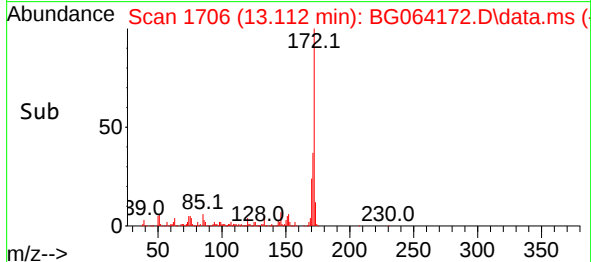
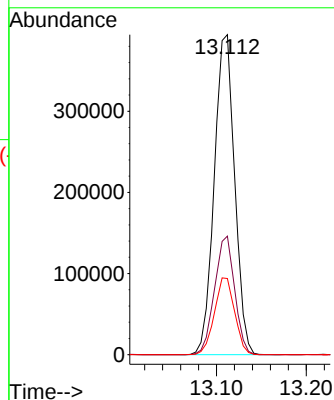
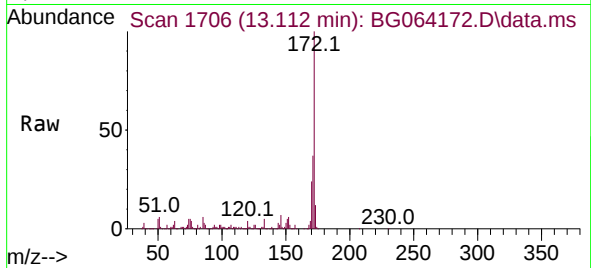




#45
2-Fluorobiphenyl
Concen: 87.420 ng
RT: 13.112 min Scan# 1706
Delta R.T. -0.005 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

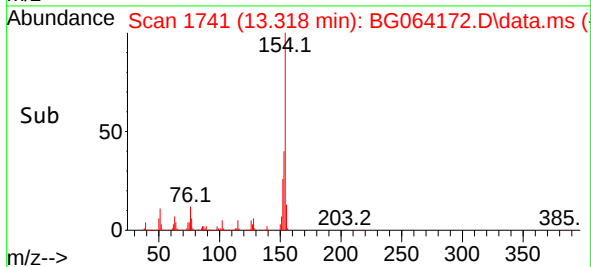
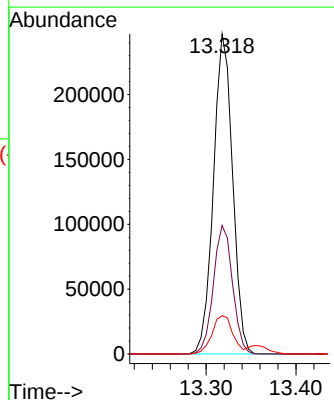
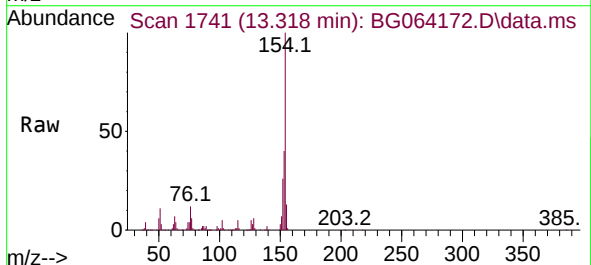
Instrument :
BNA_G
ClientSampleId :

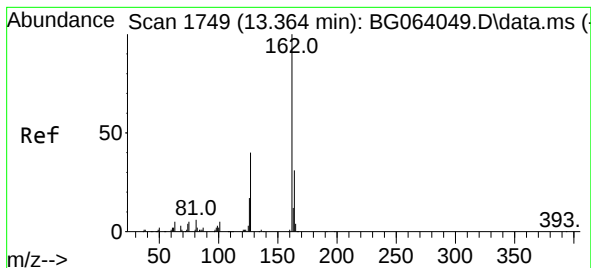
Tgt Ion:172 Resp: 622156
Ion Ratio Lower Upper
172 100
171 37.0 28.0 42.0
170 23.8 18.7 28.1



#46
1,1'-Biphenyl
Concen: 44.666 ng
RT: 13.318 min Scan# 1741
Delta R.T. -0.005 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

Tgt Ion:154 Resp: 364540
Ion Ratio Lower Upper
154 100
153 40.1 19.5 59.5
76 12.0 0.0 33.5

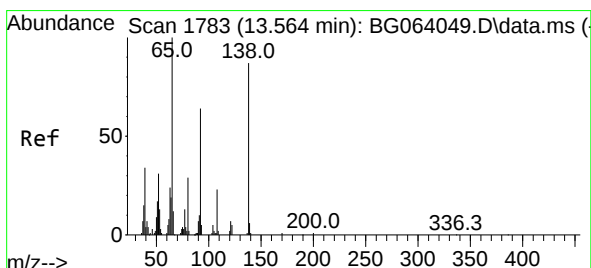
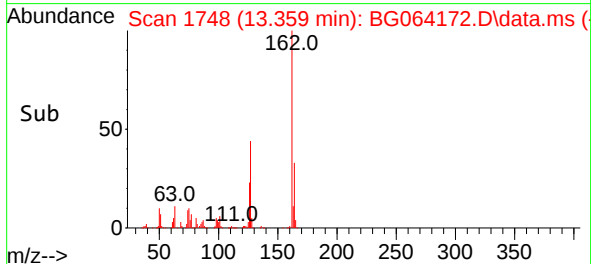
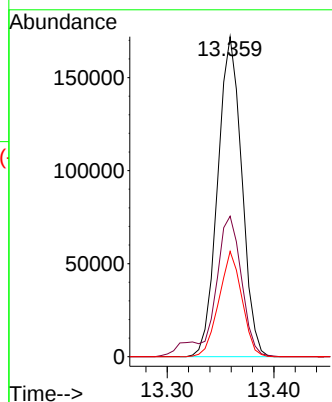
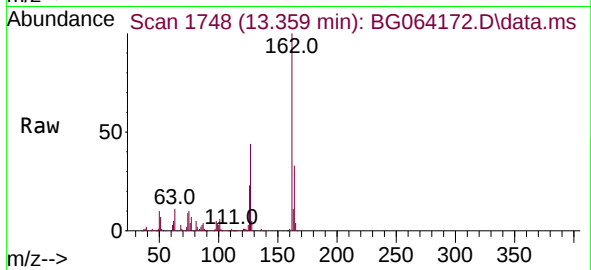




#47
2-Chloronaphthalene
Concen: 45.328 ng
RT: 13.359 min Scan# 1748
Delta R.T. -0.005 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

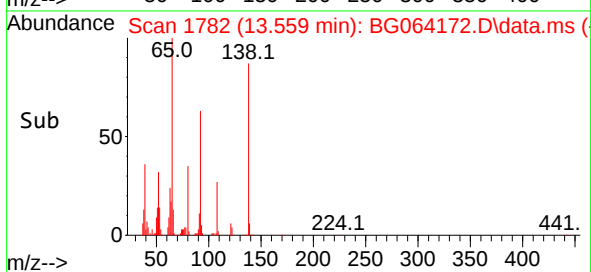
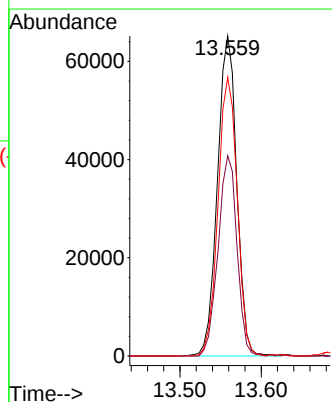
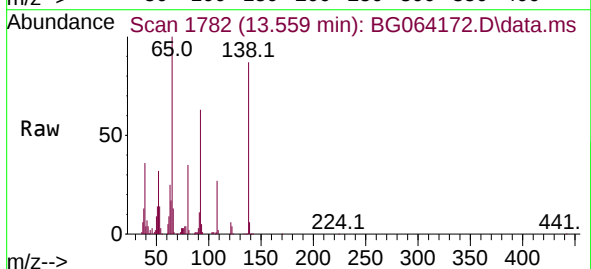
Instrument :
BNA_G
ClientSampleId :

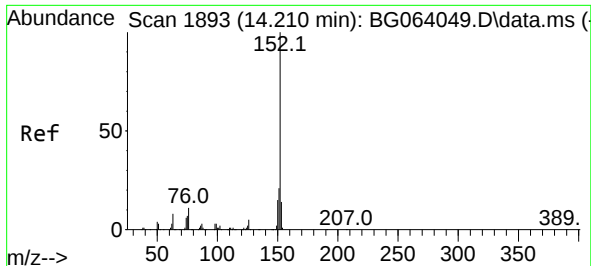
Tgt Ion:162 Resp: 269809
Ion Ratio Lower Upper
162 100
127 43.9 35.0 52.4
164 32.9 25.0 37.6



#48
2-Nitroaniline
Concen: 53.182 ng
RT: 13.559 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

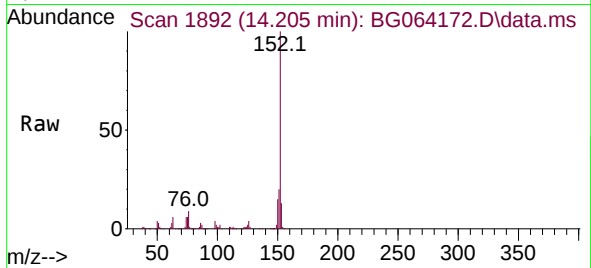
Tgt Ion: 65 Resp: 107439
Ion Ratio Lower Upper
65 100
92 62.6 51.2 76.8
138 87.1 69.4 104.2



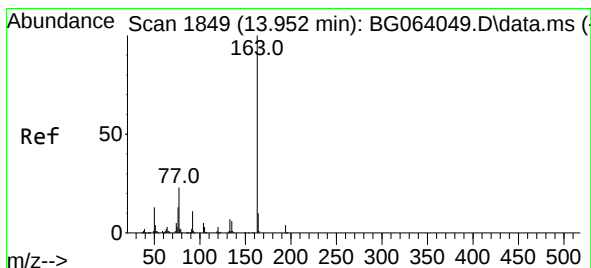
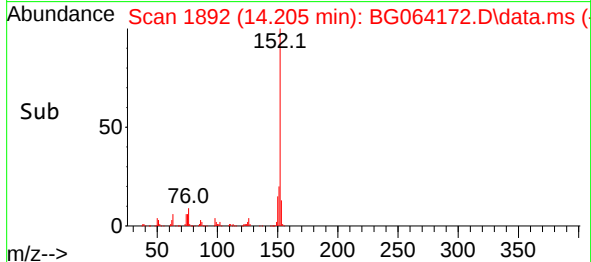
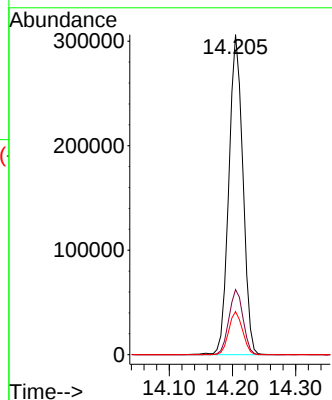


#49
Acenaphthylene
Concen: 50.049 ng
RT: 14.205 min Scan# 1892
Delta R.T. -0.005 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

Instrument :
BNA_G
ClientSampleId :

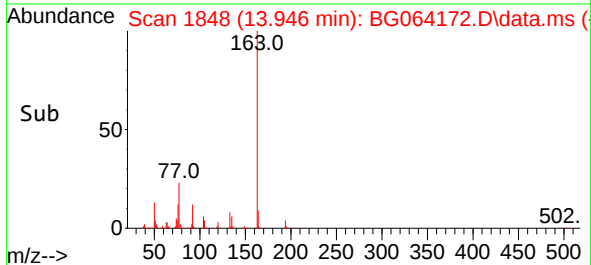
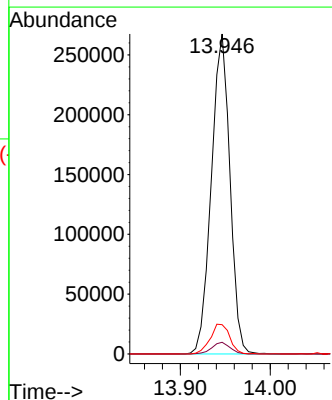
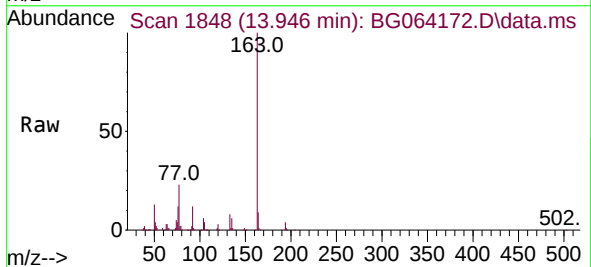


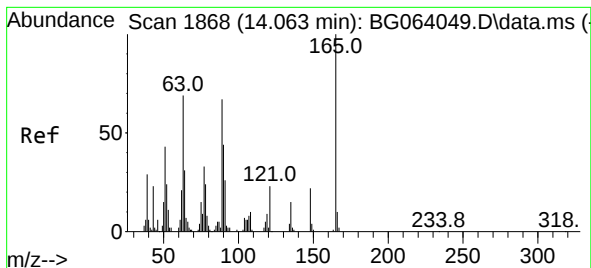
Tgt Ion:152 Resp: 471217
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.5 10.9 16.3



#50
Dimethylphthalate
Concen: 48.122 ng
RT: 13.946 min Scan# 1848
Delta R.T. -0.005 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

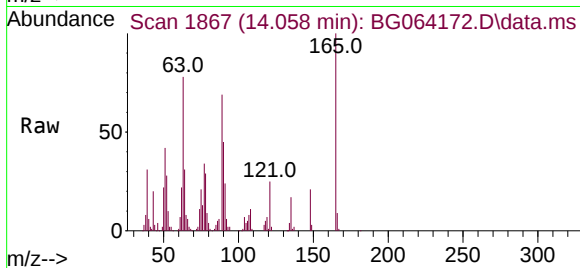
Tgt Ion:163 Resp: 383738
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 9.1 8.2 12.2



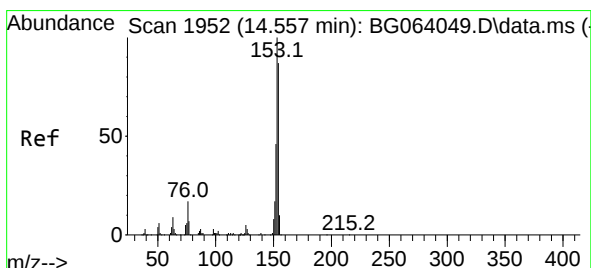
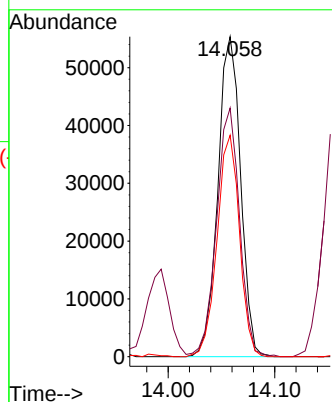
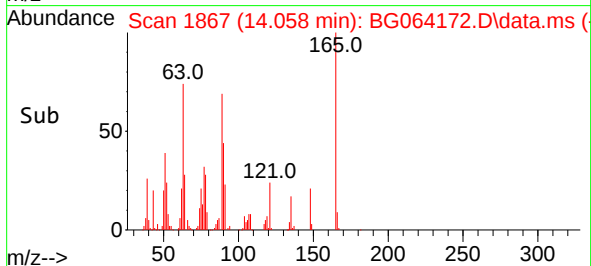


#51
2,6-Dinitrotoluene
Concen: 50.364 ng
RT: 14.058 min Scan# 1867
Delta R.T. -0.005 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

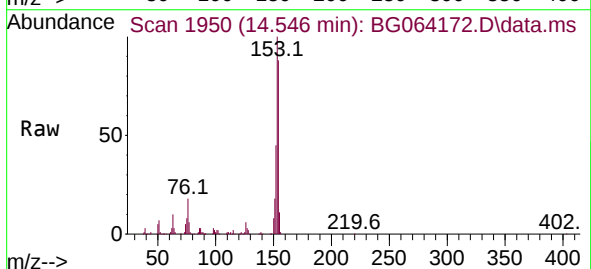
Instrument :
BNA_G
ClientSampleId :



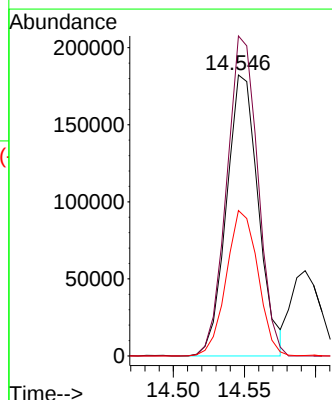
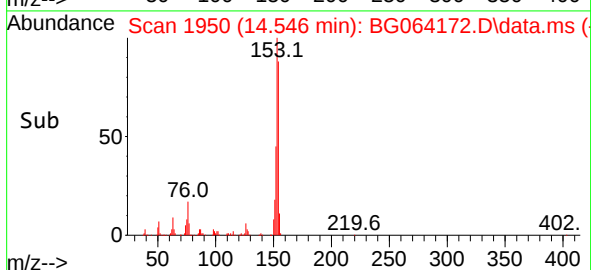
Tgt Ion:	165	Resp:	81764
Ion Ratio	Lower	Upper	
165	100		
63	77.7	56.7	85.1
89	69.2	53.7	80.5

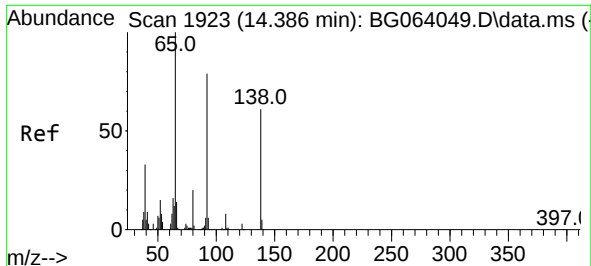


#52
Acenaphthene
Concen: 45.036 ng
RT: 14.546 min Scan# 1950
Delta R.T. -0.011 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36



Tgt Ion:	154	Resp:	284564
Ion Ratio	Lower	Upper	
154	100		
153	113.9	91.6	137.4
152	51.8	42.5	63.7

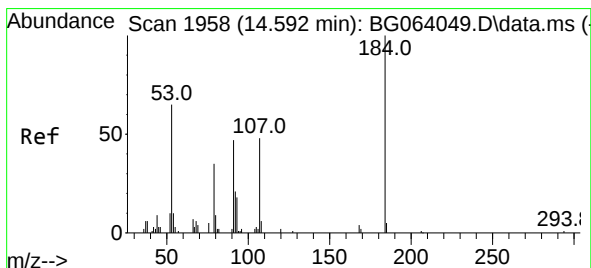
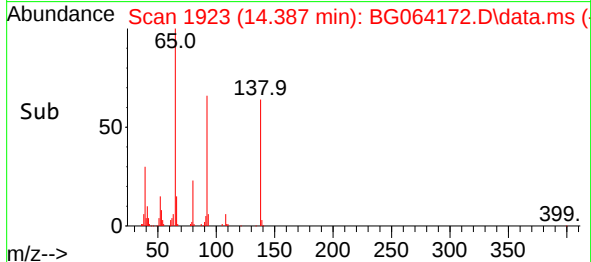
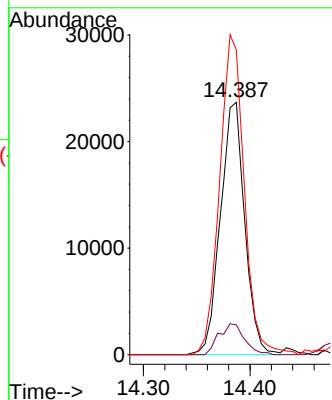
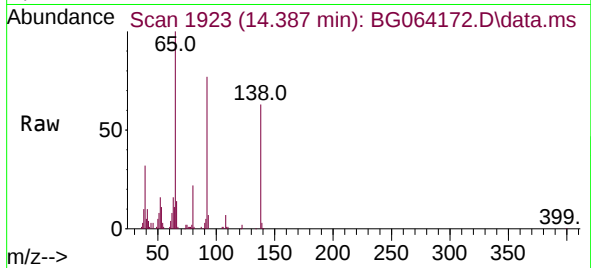




#53
3-Nitroaniline
Concen: 24.327 ng
RT: 14.387 min Scan# 1923
Delta R.T. 0.001 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

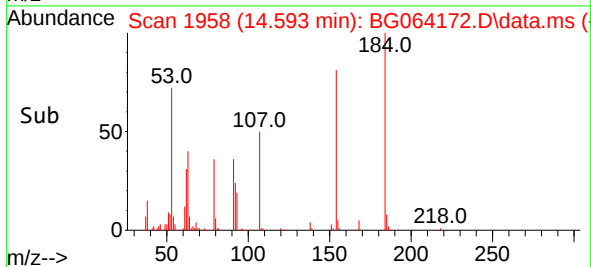
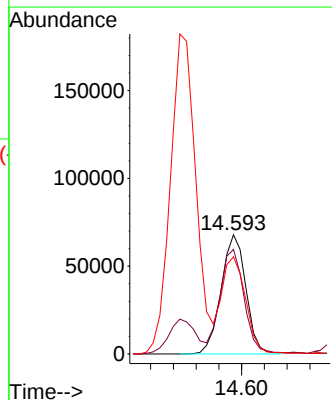
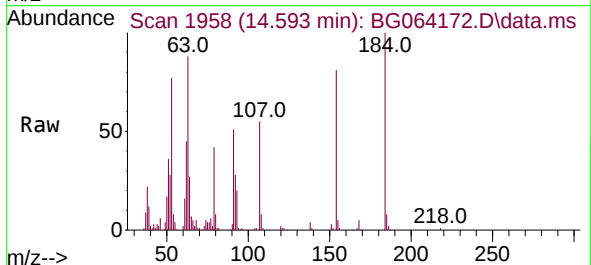
Instrument :
BNA_G
ClientSampleId :

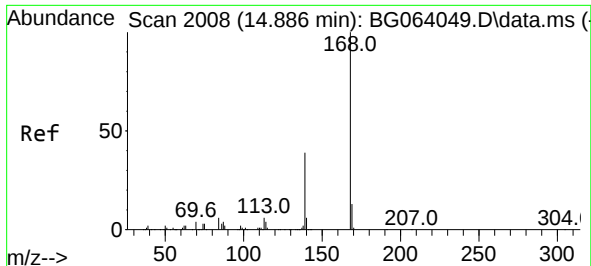
Tgt Ion:138 Resp: 37493
Ion Ratio Lower Upper
138 100
108 11.8 10.1 15.1
92 120.7 104.1 156.1



#54
2,4-Dinitrophenol
Concen: 144.626 ng
RT: 14.593 min Scan# 1958
Delta R.T. 0.001 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

Tgt Ion:184 Resp: 102314
Ion Ratio Lower Upper
184 100
63 87.6 57.5 86.3#
154 81.4 52.3 78.5#

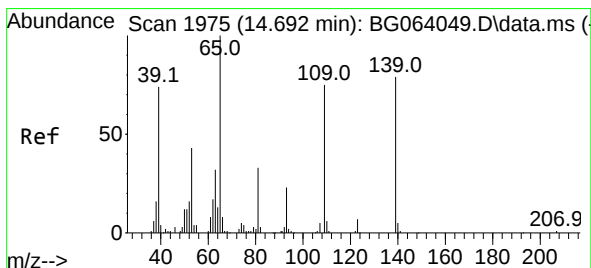
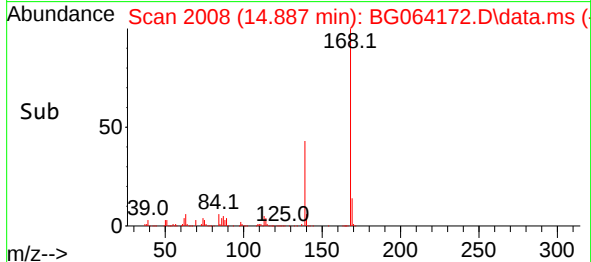
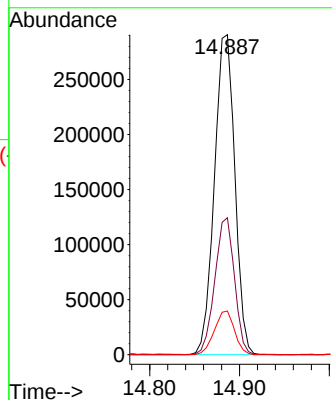
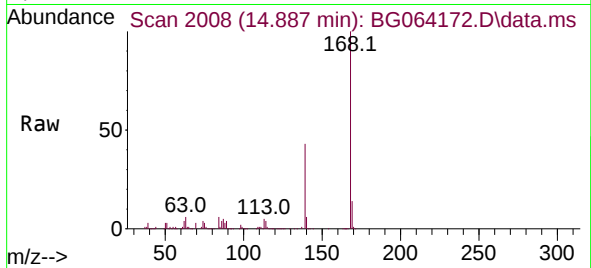




#55
Dibenzenofuran
Concen: 44.850 ng
RT: 14.887 min Scan# 2008
Delta R.T. 0.001 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

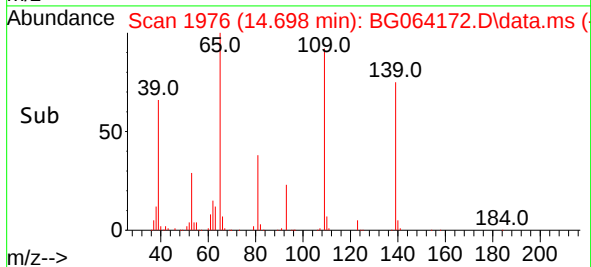
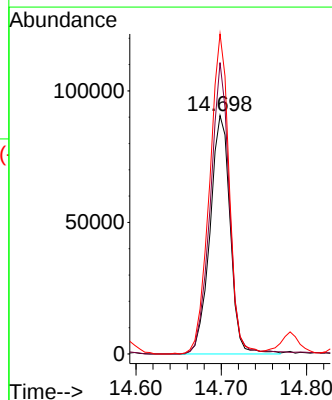
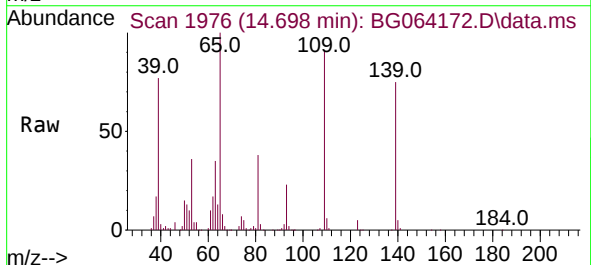
Instrument :
BNA_G
ClientSampleId :

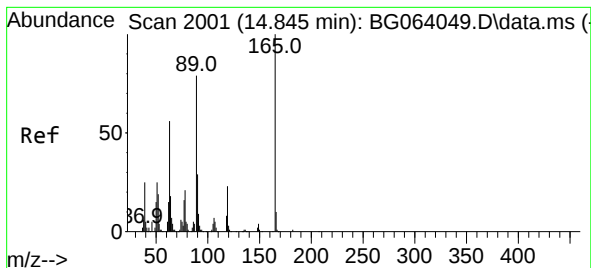
Tgt Ion:168 Resp: 459082
Ion Ratio Lower Upper
168 100
139 42.8 31.1 46.7
169 13.6 10.5 15.7



#56
4-Nitrophenol
Concen: 115.155 ng
RT: 14.698 min Scan# 1976
Delta R.T. 0.006 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

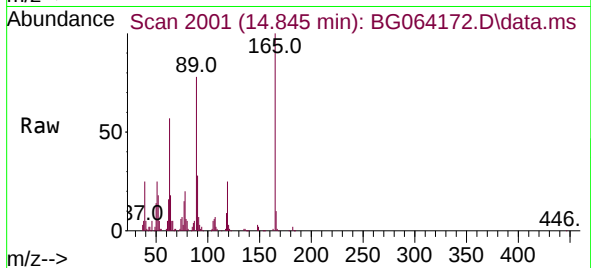
Tgt Ion:139 Resp: 148844
Ion Ratio Lower Upper
139 100
109 122.2 74.9 114.9#
65 134.2 106.8 146.8



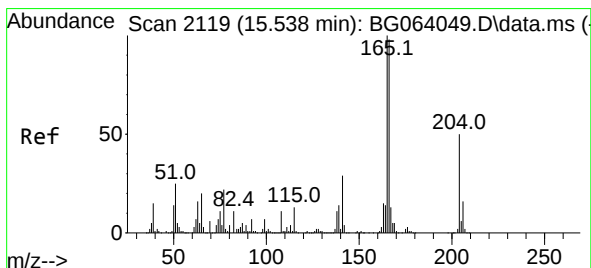
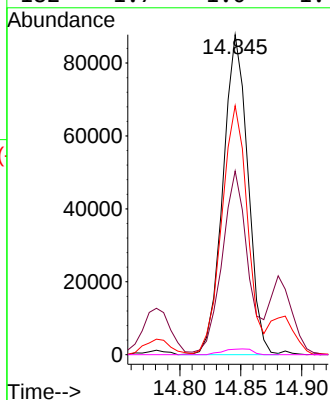
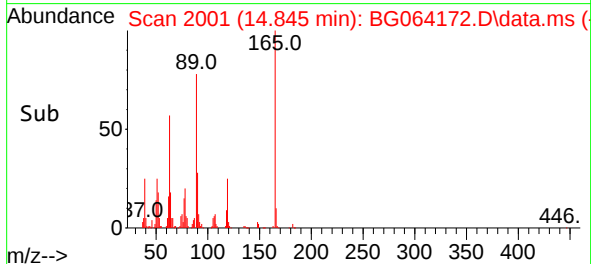


#57
2,4-Dinitrotoluene
Concen: 55.400 ng
RT: 14.845 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

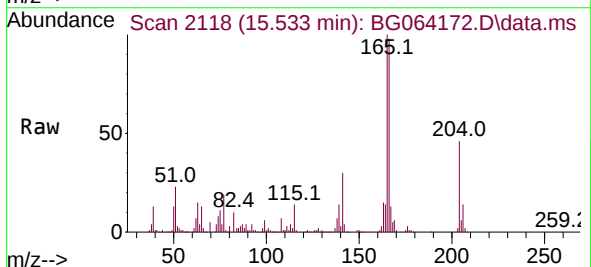
Instrument :
BNA_G
ClientSampleId :



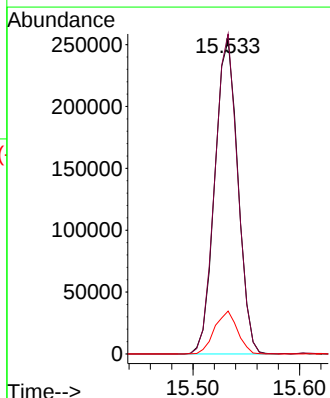
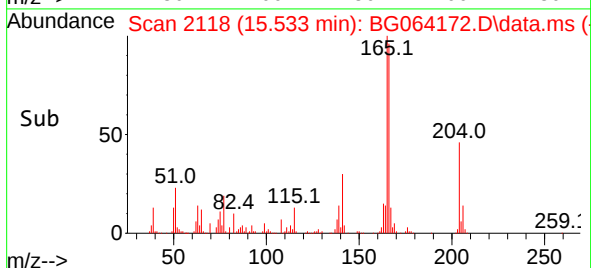
Tgt Ion:165 Resp: 125020
Ion Ratio Lower Upper
165 100
63 57.4 45.0 67.6
89 77.8 63.1 94.7
182 1.7 1.0 1.4#

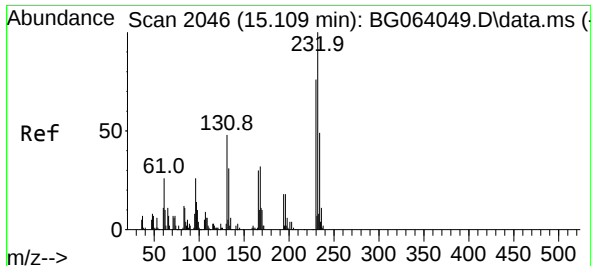


#58
Fluorene
Concen: 47.911 ng
RT: 15.533 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36



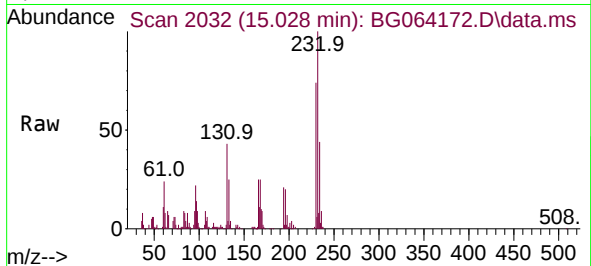
Tgt Ion:166 Resp: 381959
Ion Ratio Lower Upper
166 100
165 102.0 81.8 122.8
167 13.7 10.8 16.2



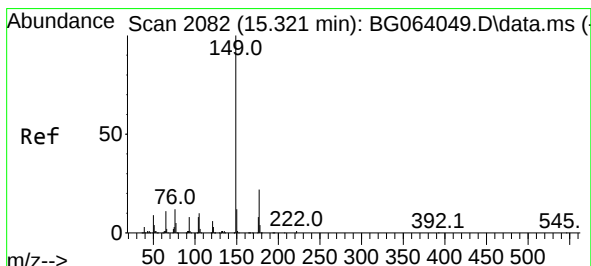
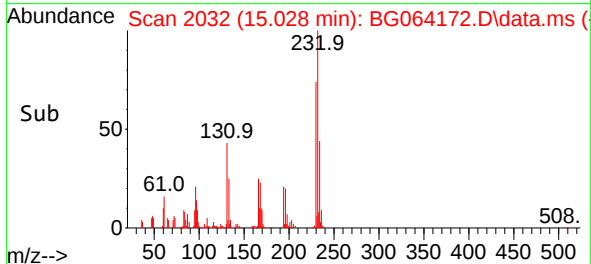
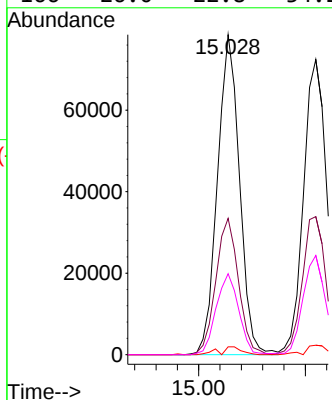


#59
2,3,4,6-Tetrachlorophenol
Concen: 57.210 ng
RT: 15.028 min Scan# 2046
Delta R.T. -0.082 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

Instrument :
BNA_G
ClientSampleId :

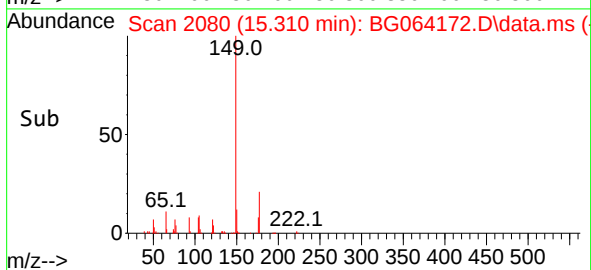
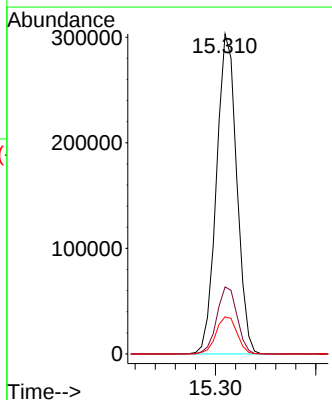
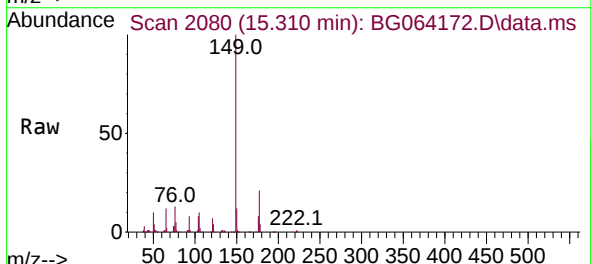


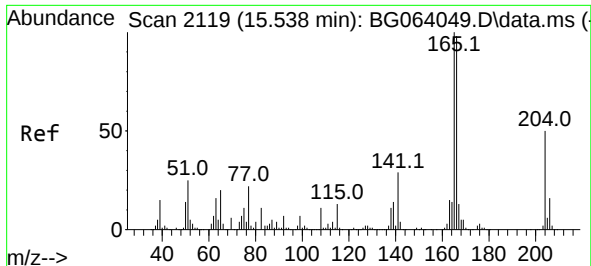
Tgt Ion:232 Resp: 112643
Ion Ratio Lower Upper
232 100
131 43.6 36.3 54.5
130 2.5 1.9 2.9
166 26.0 22.8 34.2



#60
Diethylphthalate
Concen: 48.964 ng
RT: 15.310 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

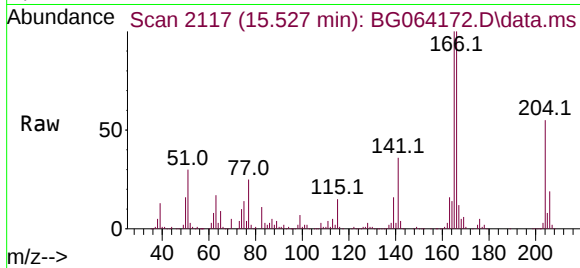
Tgt Ion:149 Resp: 423867
Ion Ratio Lower Upper
149 100
177 21.0 17.4 26.2
150 11.6 9.4 14.2



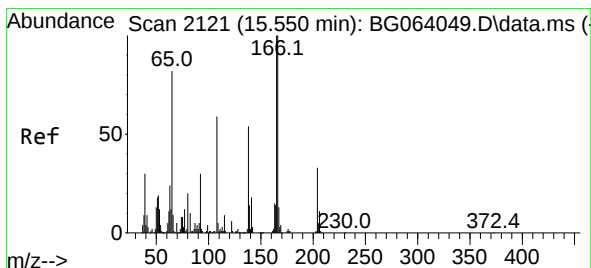
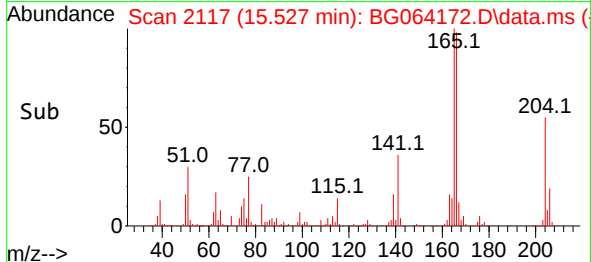
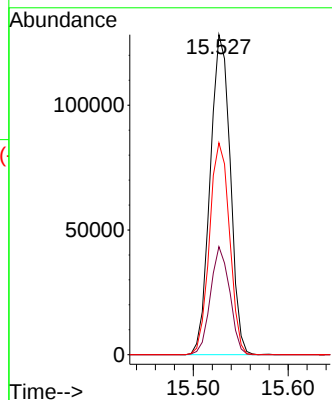


#61
4-Chlorophenyl-phenylether
Concen: 47.613 ng
RT: 15.527 min Scan# 2117
Delta R.T. -0.011 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

Instrument :
BNA_G
ClientSampleId :

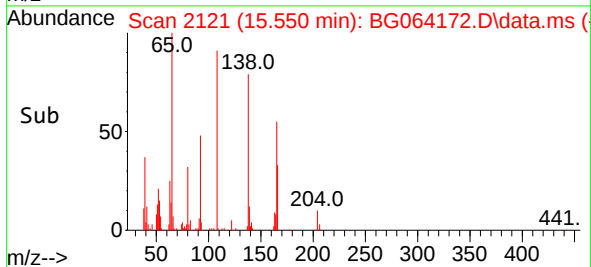
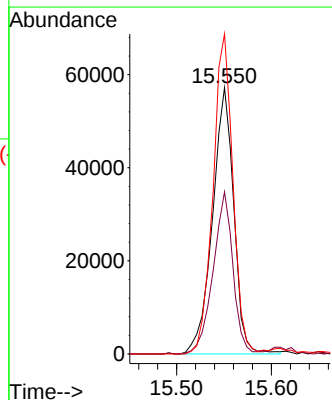
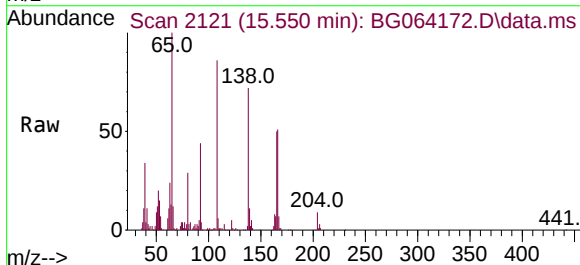


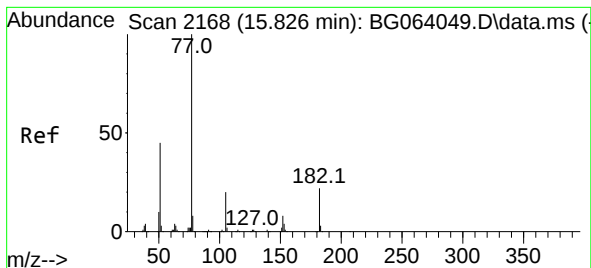
Tgt Ion:204 Resp: 188632
Ion Ratio Lower Upper
204 100
206 33.7 25.5 38.3
141 66.2 45.4 68.0



#62
4-Nitroaniline
Concen: 53.651 ng
RT: 15.550 min Scan# 2121
Delta R.T. 0.001 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

Tgt Ion:138 Resp: 89271
Ion Ratio Lower Upper
138 100
92 60.9 36.1 76.1
108 120.1 87.9 127.9





#63

Azobenzene

Concen: 45.269 ng

RT: 15.821 min Scan# 2168

Delta R.T. -0.005 min

Lab File: BG064172.D

Acq: 3 Apr 2025 18:36

Instrument :

BNA_G

ClientSampleId :

Tgt Ion: 77 Resp: 418171

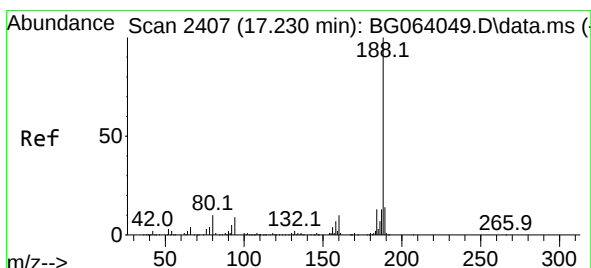
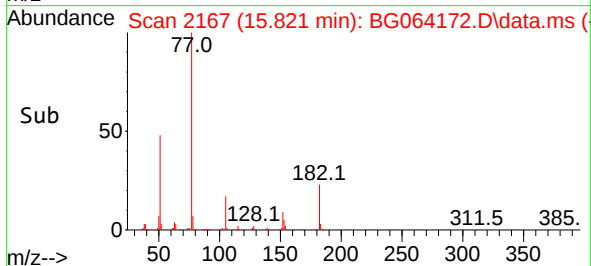
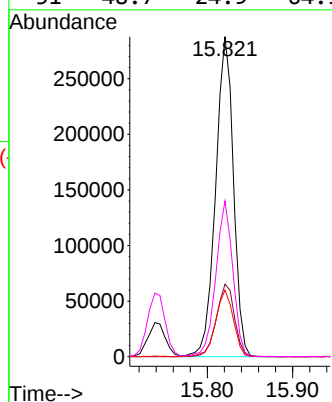
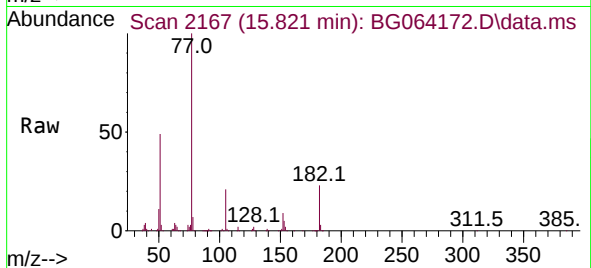
Ion Ratio Lower Upper

77 100

182 22.7 2.4 42.4

105 20.8 0.0 40.0

51 48.7 24.9 64.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.225 min Scan# 2406

Delta R.T. -0.005 min

Lab File: BG064172.D

Acq: 3 Apr 2025 18:36

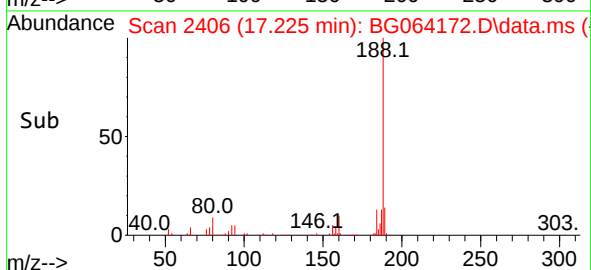
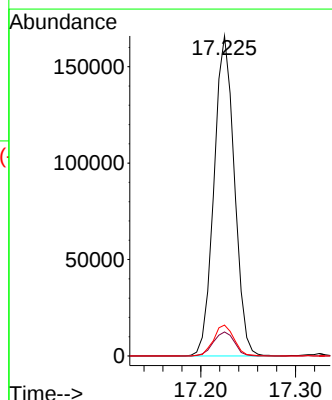
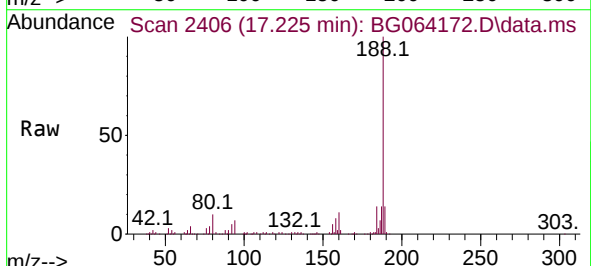
Tgt Ion:188 Resp: 247693

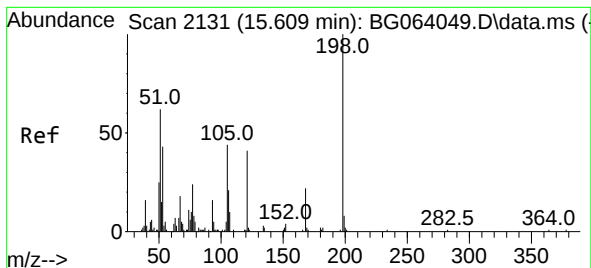
Ion Ratio Lower Upper

188 100

94 7.5 6.9 10.3

80 9.7 8.1 12.1

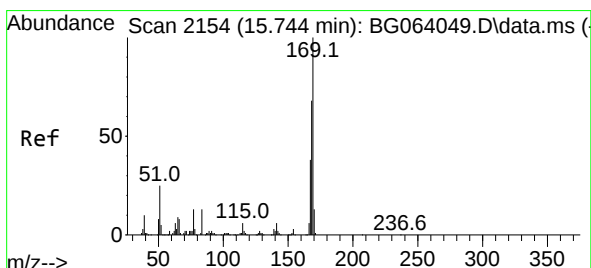
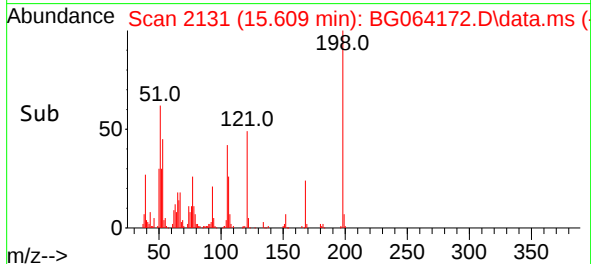
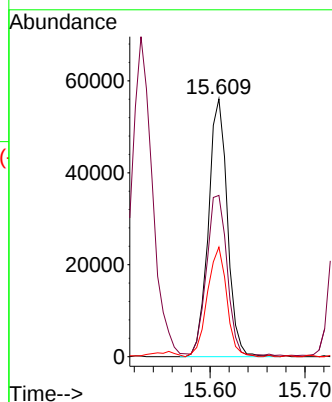
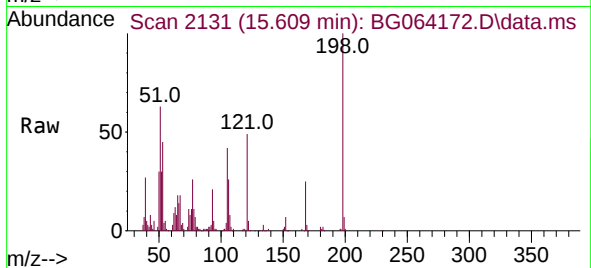




#65
4,6-Dinitro-2-methylphenol
Concen: 68.754 ng
RT: 15.609 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

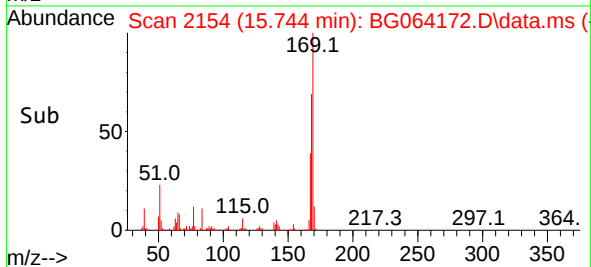
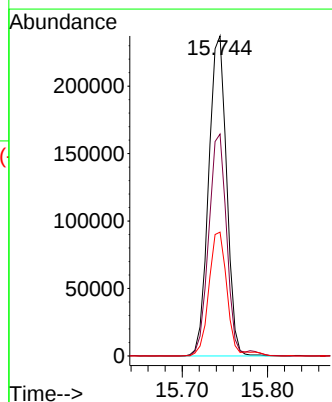
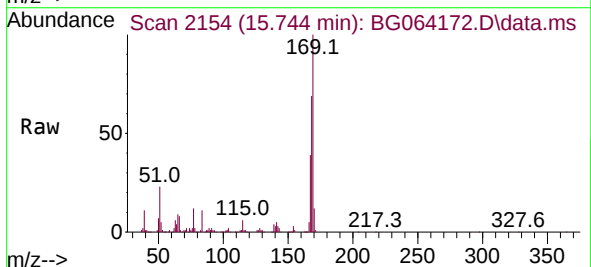
Instrument :
BNA_G
ClientSampleId :

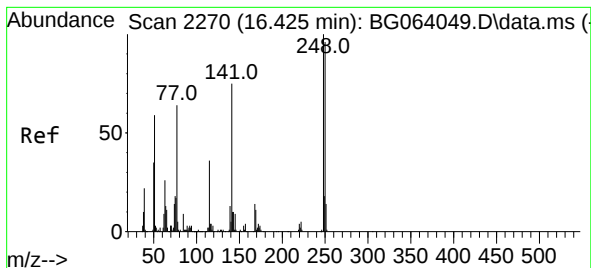
Tgt Ion:198 Resp: 78131
Ion Ratio Lower Upper
198 100
51 62.5 45.6 85.6
105 42.5 25.3 65.3



#66
n-Nitrosodiphenylamine
Concen: 49.359 ng
RT: 15.744 min Scan# 2154
Delta R.T. 0.001 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

Tgt Ion:169 Resp: 346065
Ion Ratio Lower Upper
169 100
168 69.4 54.1 81.1
167 38.7 30.3 45.5

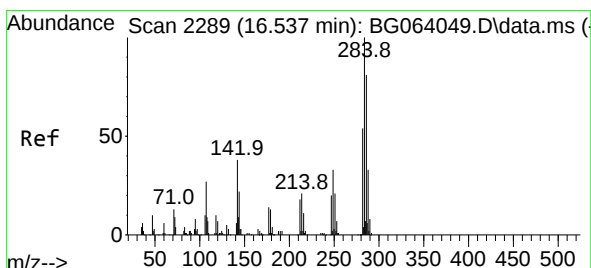
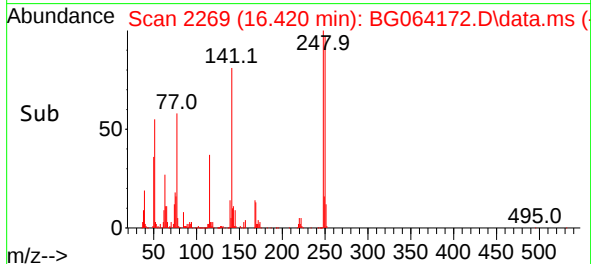
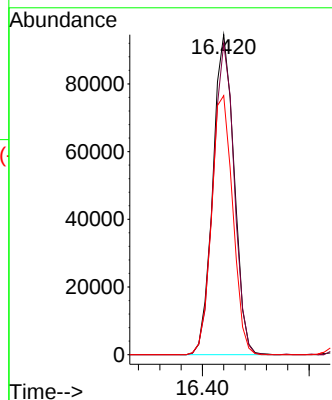
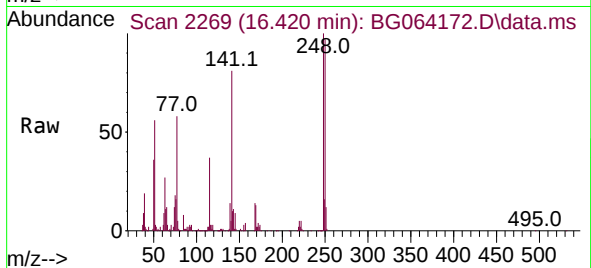




#67
4-Bromophenyl-phenylether
Concen: 51.522 ng
RT: 16.420 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

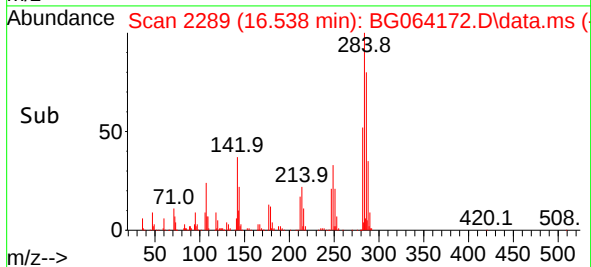
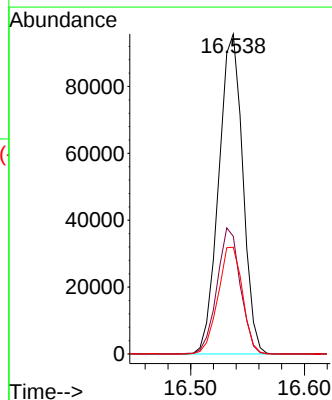
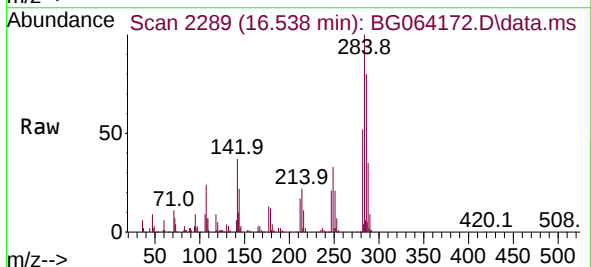
Instrument :
BNA_G
ClientSampleId :

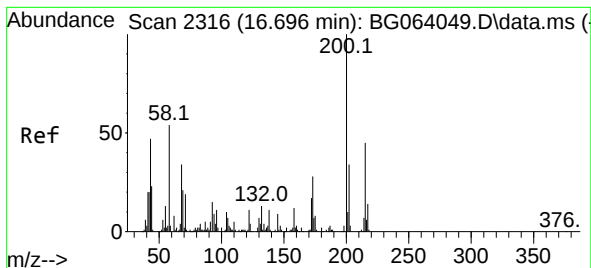
Tgt Ion:248 Resp: 130703
Ion Ratio Lower Upper
248 100
250 97.2 77.1 115.7
141 81.0 59.8 89.8



#68
Hexachlorobenzene
Concen: 49.441 ng
RT: 16.538 min Scan# 2289
Delta R.T. 0.001 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

Tgt Ion:284 Resp: 140418
Ion Ratio Lower Upper
284 100
142 36.8 30.6 45.8
249 33.4 26.6 39.8





#69

Atrazine

Concen: 68.180 ng

RT: 16.696 min Scan# 21

Delta R.T. 0.000 min

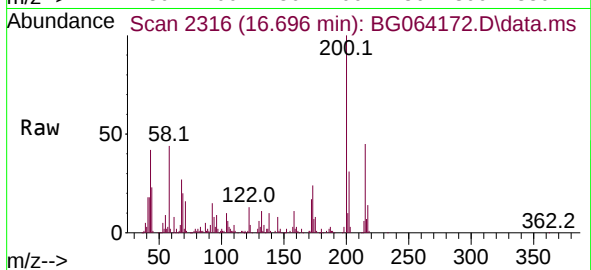
Lab File: BG064172.D

Acq: 3 Apr 2025 18:36

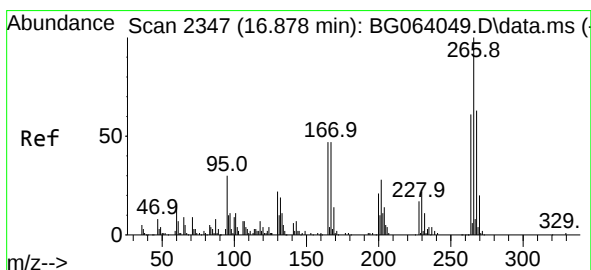
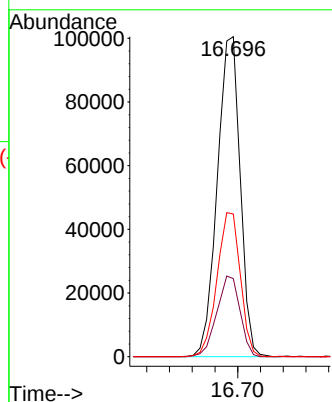
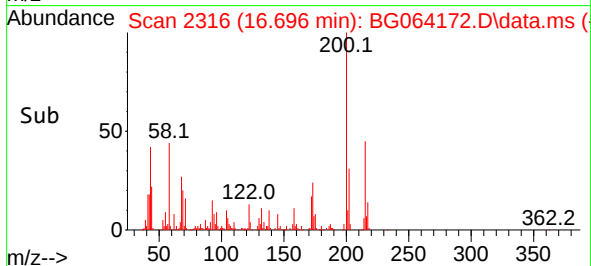
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:	200	Resp:	140651
Ion Ratio	Lower	Upper	
200	100		
173	24.4	8.2	48.2
215	44.6	25.5	65.5



#70

Pentachlorophenol

Concen: 106.098 ng

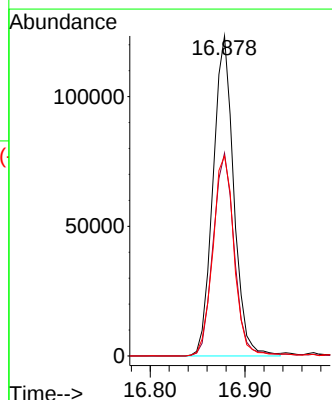
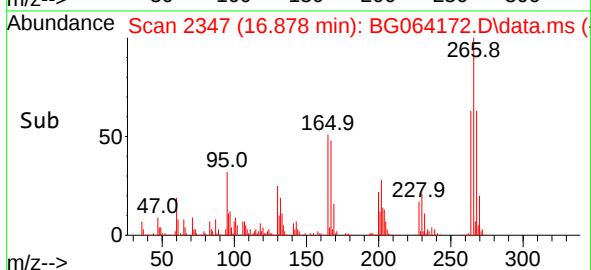
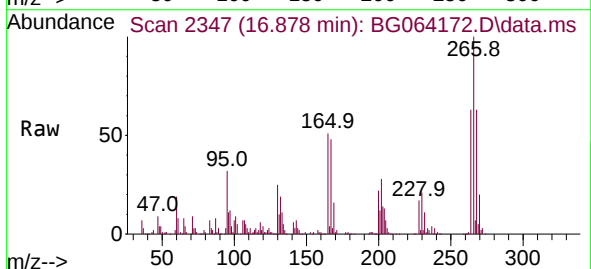
RT: 16.878 min Scan# 2347

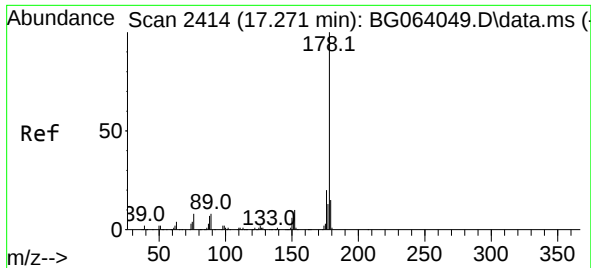
Delta R.T. 0.000 min

Lab File: BG064172.D

Acq: 3 Apr 2025 18:36

Tgt Ion:	266	Resp:	187092
Ion Ratio	Lower	Upper	
266	100		
268	63.4	50.2	75.4
264	62.5	48.9	73.3

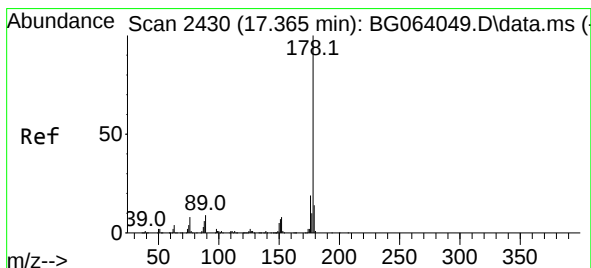
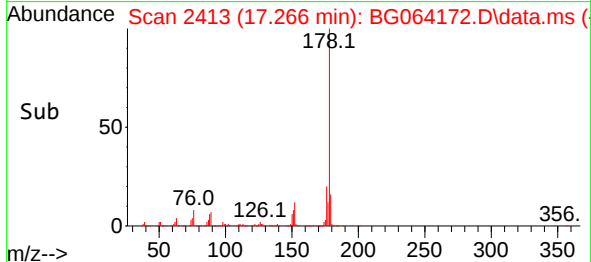
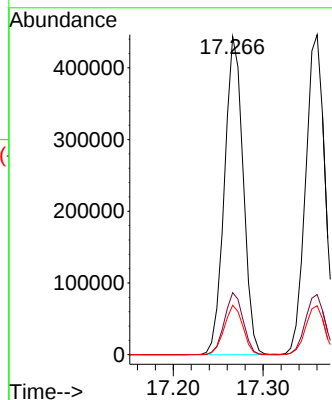
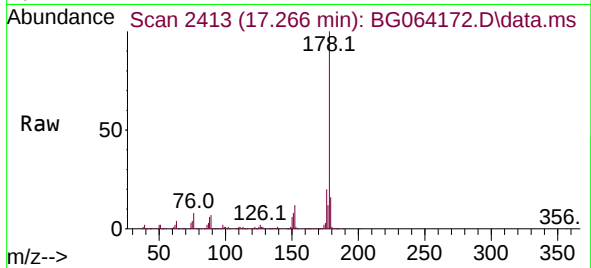




#71
Phenanthrene
Concen: 48.540 ng
RT: 17.266 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

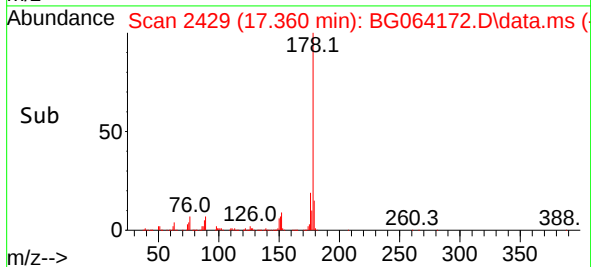
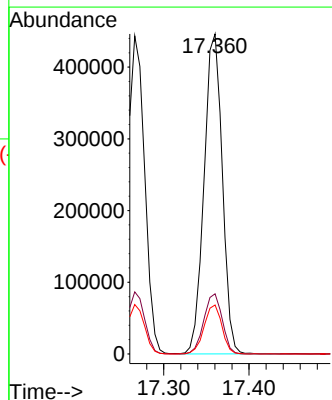
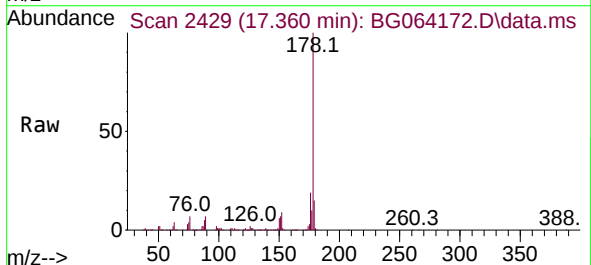
Instrument :
BNA_G
ClientSampleId :

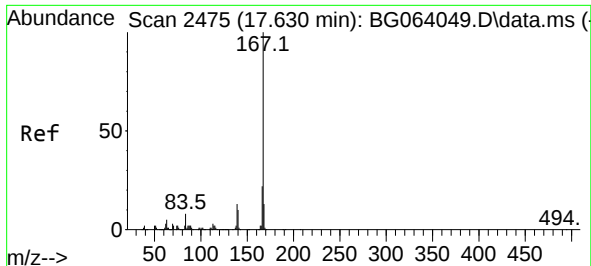
Tgt Ion:178 Resp: 641279
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 15.5 12.2 18.2



#72
Anthracene
Concen: 50.526 ng
RT: 17.360 min Scan# 2429
Delta R.T. -0.005 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

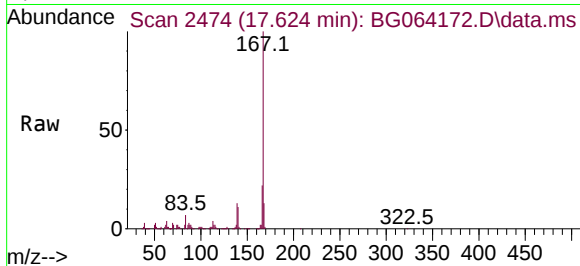
Tgt Ion:178 Resp: 663760
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.3 11.5 17.3



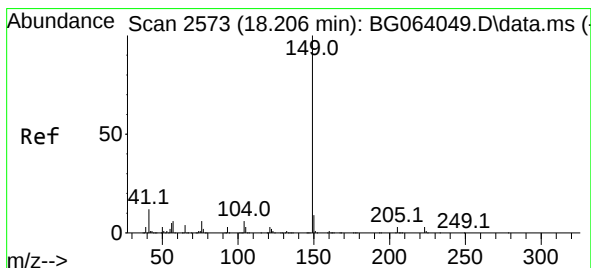
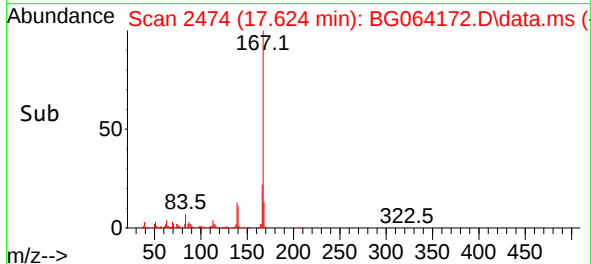
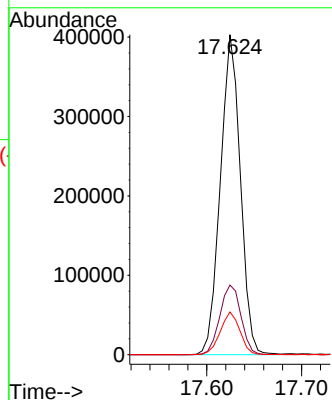


#73
 Carbazole
 Concen: 48.190 ng
 RT: 17.624 min Scan# 2475
 Delta R.T. -0.005 min
 Lab File: BG064172.D
 Acq: 3 Apr 2025 18:36

Instrument :
 BNA_G
 ClientSampleId :

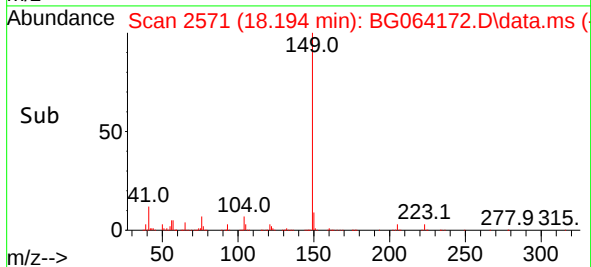
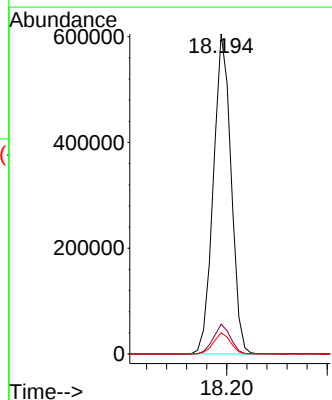
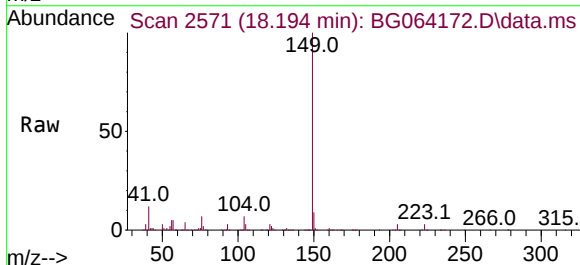


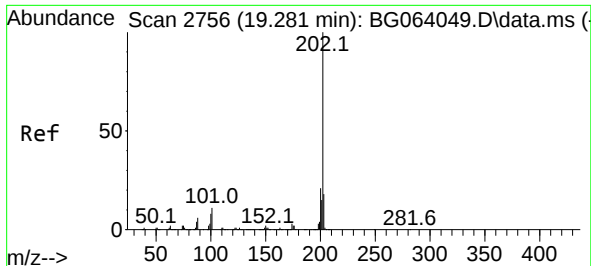
Tgt Ion:167 Resp: 591064
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.0 27.0
 139 13.4 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 51.253 ng
 RT: 18.194 min Scan# 2571
 Delta R.T. -0.011 min
 Lab File: BG064172.D
 Acq: 3 Apr 2025 18:36

Tgt Ion:149 Resp: 739974
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 6.6 5.0 7.6

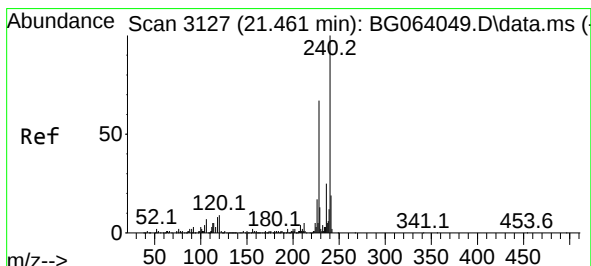
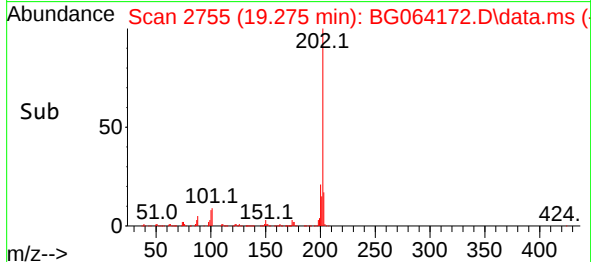
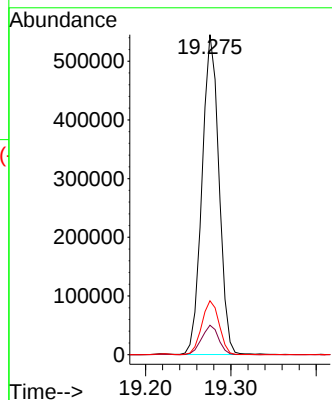
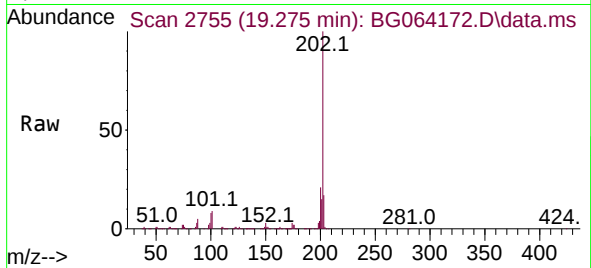




#75
Fluoranthene
Concen: 47.201 ng
RT: 19.275 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

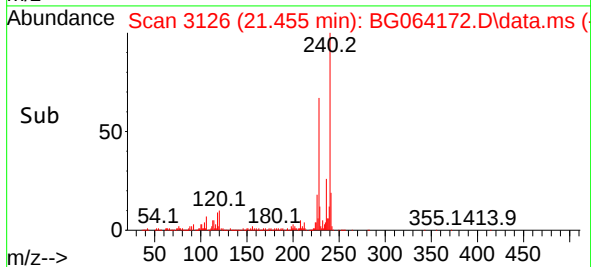
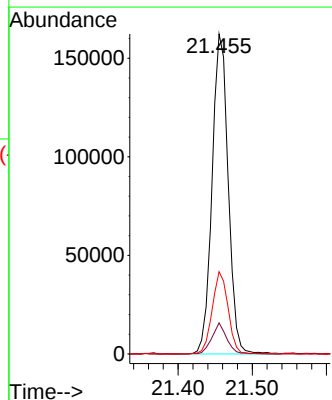
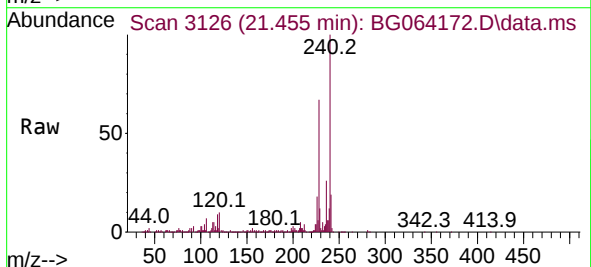
Instrument :
BNA_G
ClientSampleId :

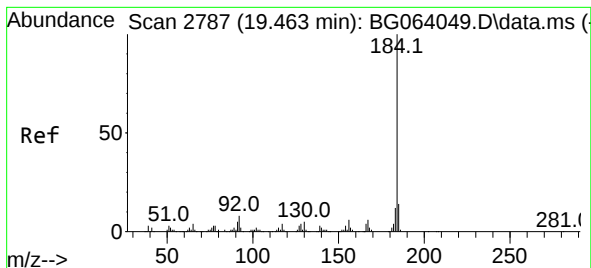
Tgt Ion:202 Resp: 751778
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.5
203 16.9 0.0 38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.455 min Scan# 3126
Delta R.T. -0.005 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

Tgt Ion:240 Resp: 244859
Ion Ratio Lower Upper
240 100
120 9.7 7.2 10.8
236 25.7 20.2 30.2





#77

Benzidine

Concen: 64.169 ng

RT: 19.458 min Scan# 21

Delta R.T. -0.005 min

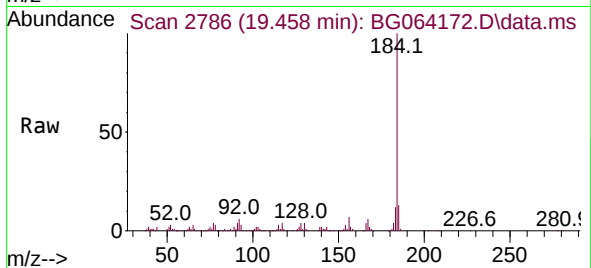
Lab File: BG064172.D

Acq: 3 Apr 2025 18:36

Instrument :

BNA_G

ClientSampleId :



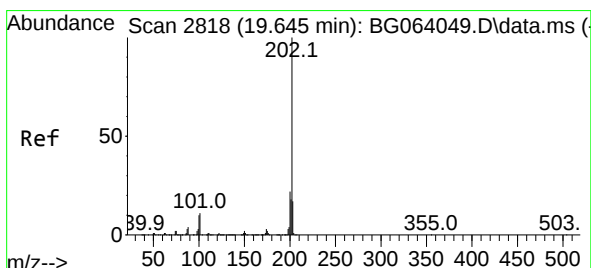
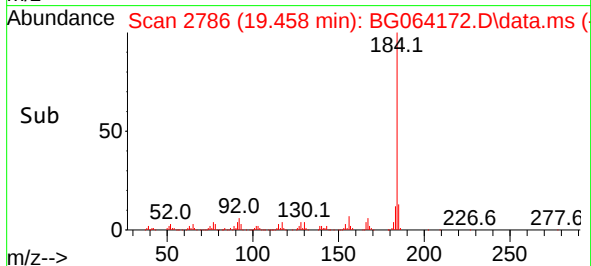
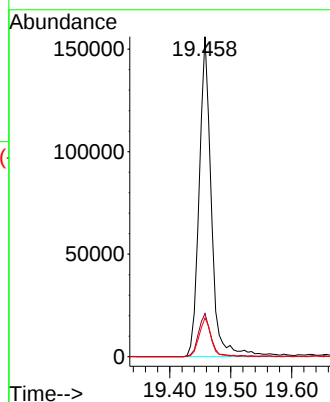
Tgt Ion:184 Resp: 217571

Ion Ratio Lower Upper

184 100

185 13.5 11.3 16.9

183 12.1 9.5 14.3



#78

Pyrene

Concen: 48.572 ng

RT: 19.640 min Scan# 2817

Delta R.T. -0.005 min

Lab File: BG064172.D

Acq: 3 Apr 2025 18:36

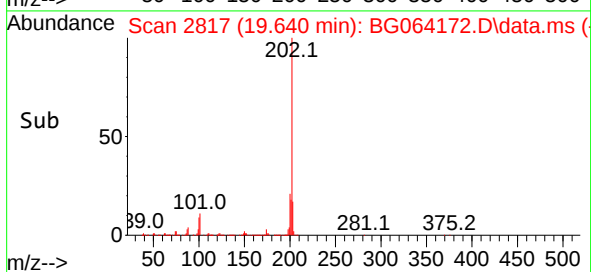
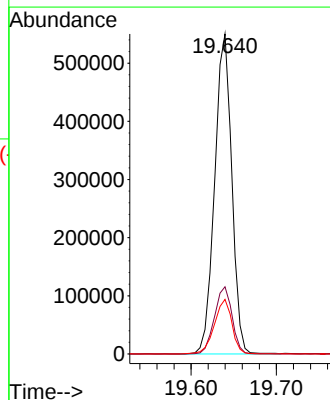
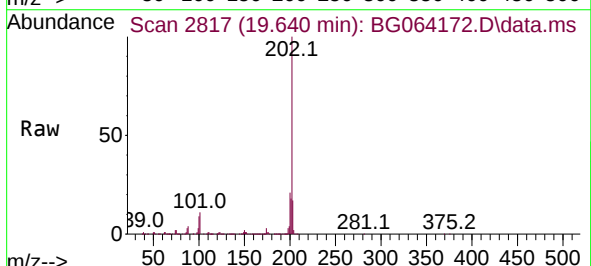
Tgt Ion:202 Resp: 766658

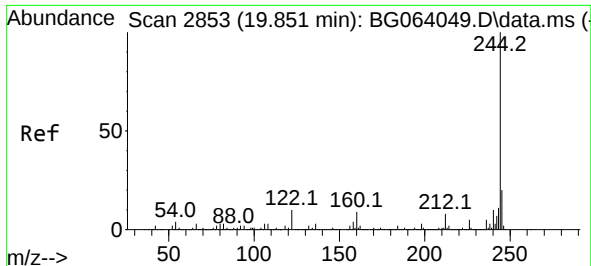
Ion Ratio Lower Upper

202 100

200 21.0 17.3 25.9

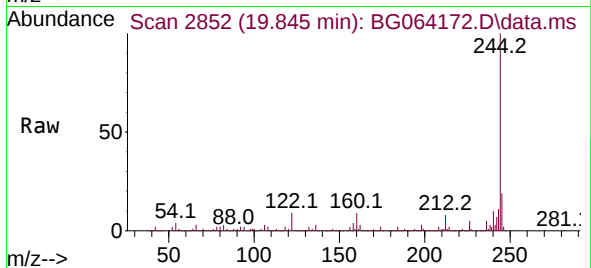
203 17.1 13.6 20.4



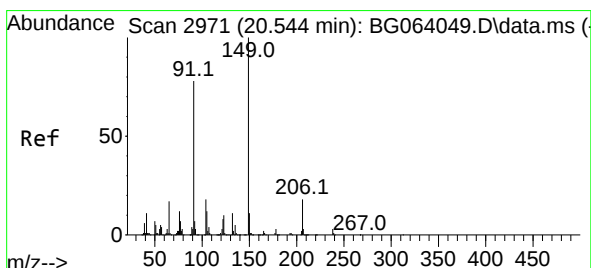
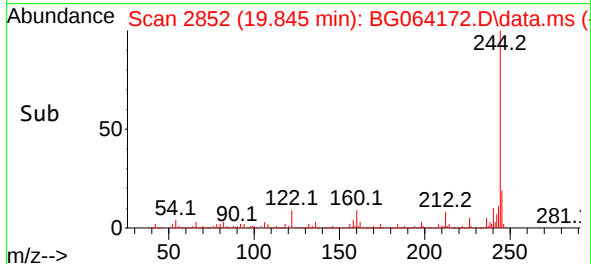
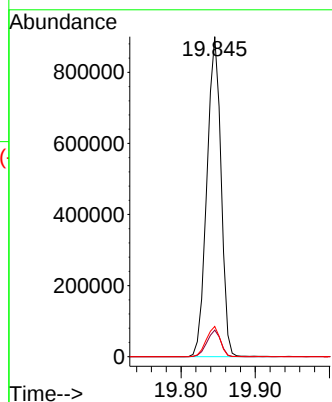


#79
 Terphenyl-d14
 Concen: 98.355 ng
 RT: 19.845 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG064172.D
 Acq: 3 Apr 2025 18:36

Instrument :
 BNA_G
 ClientSampleId :

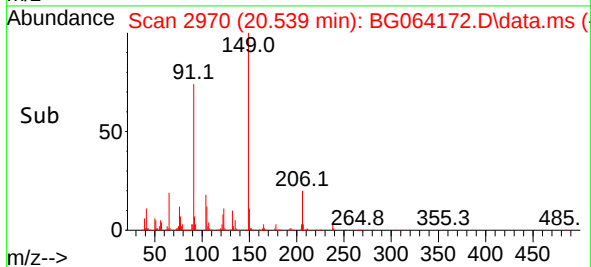
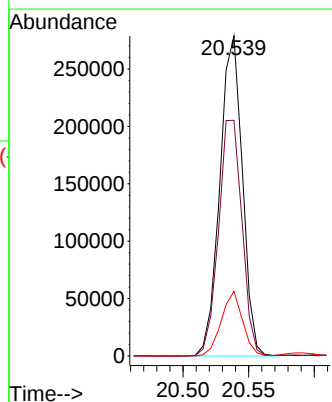
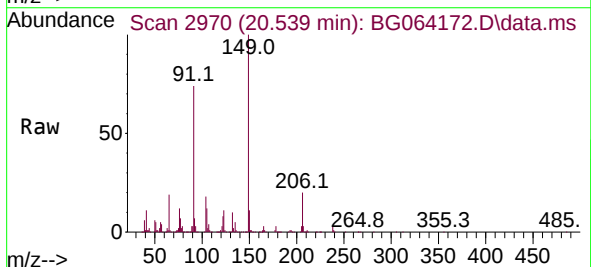


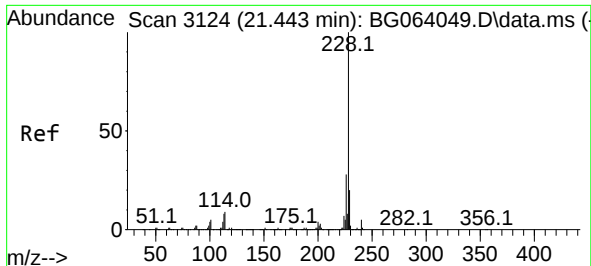
Tgt Ion:244 Resp: 1191059
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.2 9.4
 122 9.5 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 55.538 ng
 RT: 20.539 min Scan# 2970
 Delta R.T. -0.005 min
 Lab File: BG064172.D
 Acq: 3 Apr 2025 18:36

Tgt Ion:149 Resp: 332606
 Ion Ratio Lower Upper
 149 100
 91 73.7 62.0 93.0
 206 20.2 14.6 21.8

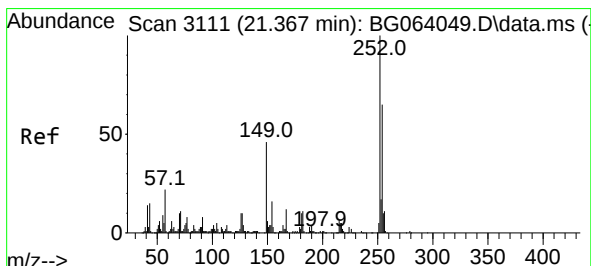
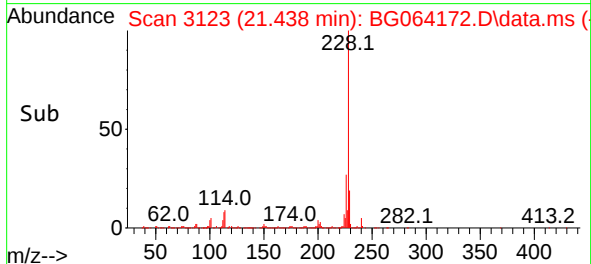
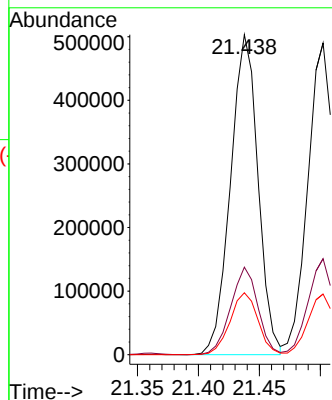
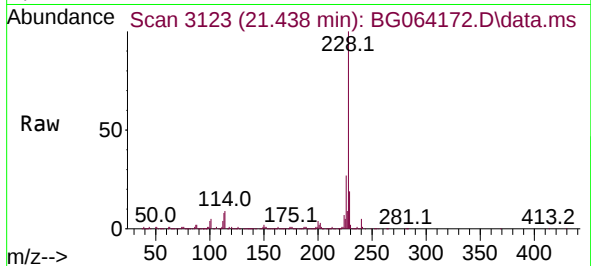




#81
Benzo(a)anthracene
Concen: 50.324 ng
RT: 21.438 min Scan# 3109
Delta R.T. -0.005 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

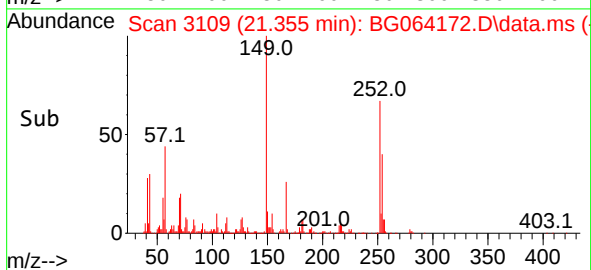
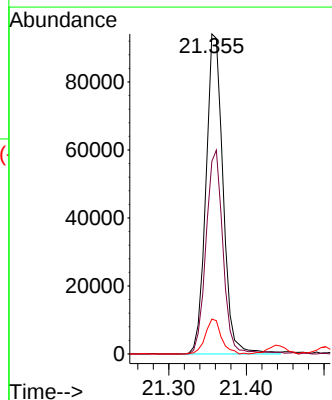
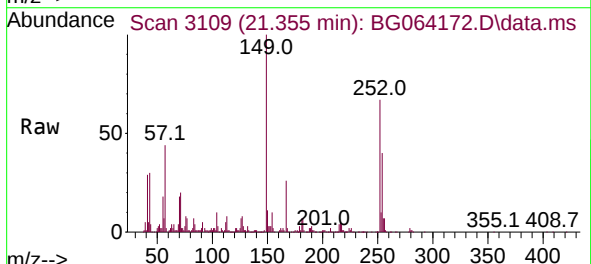
Instrument :
BNA_G
ClientSampleId :

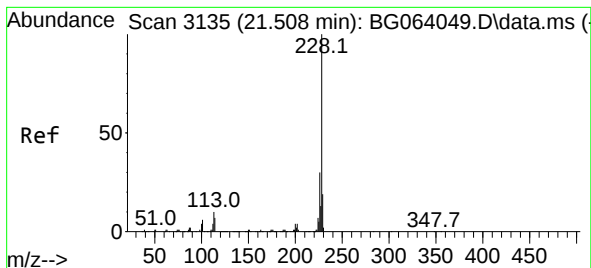
Tgt Ion:228 Resp: 789334
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.2
229 19.4 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 28.373 ng
RT: 21.355 min Scan# 3109
Delta R.T. -0.011 min
Lab File: BG064172.D
Acq: 3 Apr 2025 18:36

Tgt Ion:252 Resp: 144029
Ion Ratio Lower Upper
252 100
254 60.2 52.1 78.1
126 10.9 7.8 11.8





#83

Chrysene

Concen: 48.080 ng

RT: 21.502 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG064172.D

Acq: 3 Apr 2025 18:36

Instrument :

BNA_G

ClientSampleId :

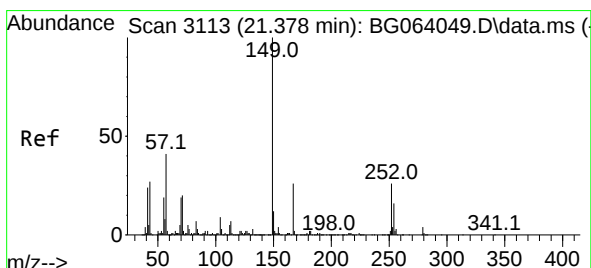
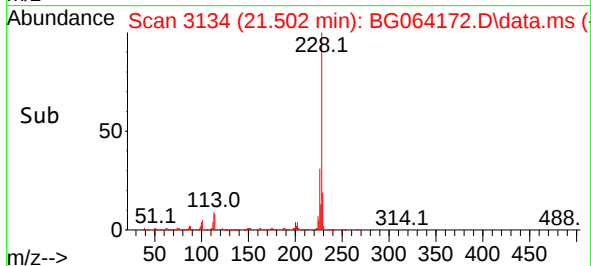
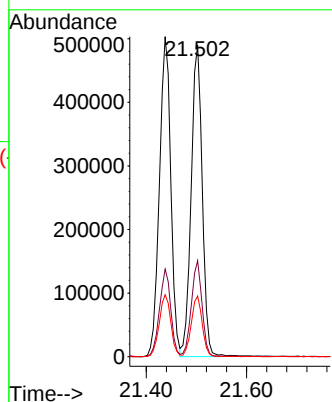
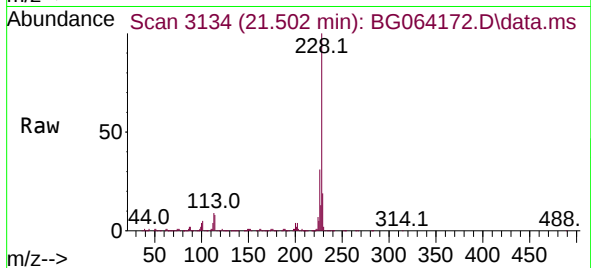
Tgt Ion:228 Resp: 752151

Ion Ratio Lower Upper

228 100

226 30.8 23.9 35.9

229 19.4 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.435 ng

RT: 21.367 min Scan# 3111

Delta R.T. -0.011 min

Lab File: BG064172.D

Acq: 3 Apr 2025 18:36

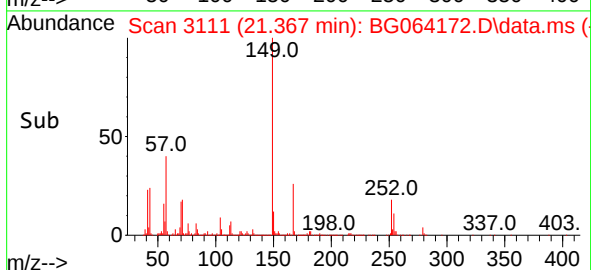
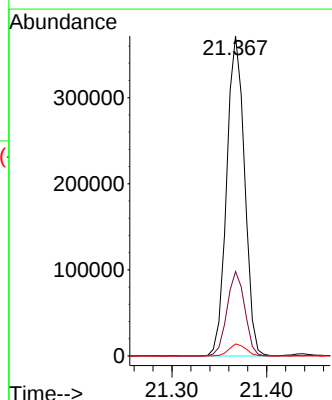
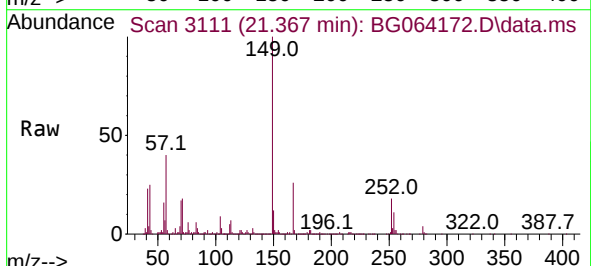
Tgt Ion:149 Resp: 487207

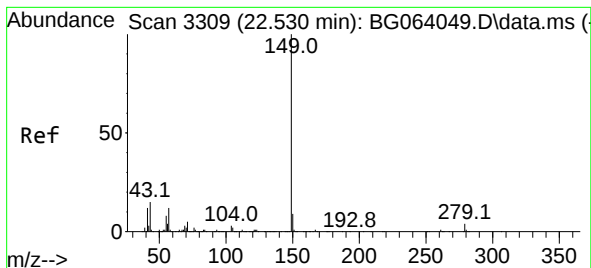
Ion Ratio Lower Upper

149 100

167 26.4 21.0 31.6

279 3.7 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 57.437 ng

RT: 22.507 min Scan# 31

Delta R.T. -0.023 min

Lab File: BG064172.D

Acq: 3 Apr 2025 18:36

Instrument :

BNA_G

ClientSampleId :

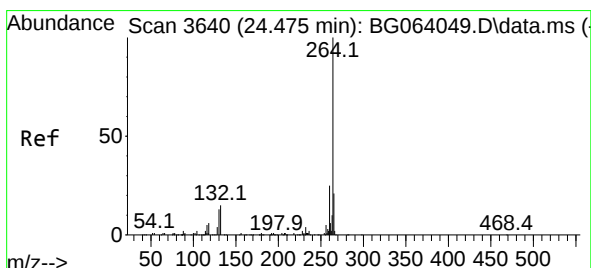
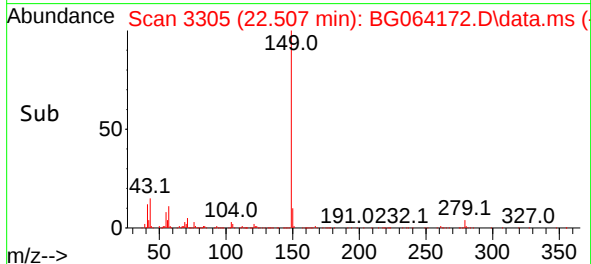
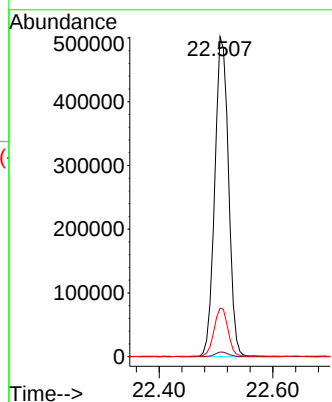
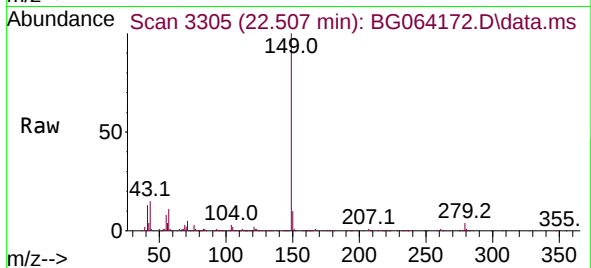
Tgt Ion:149 Resp: 840388

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 15.9 12.6 19.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.464 min Scan# 3638

Delta R.T. -0.011 min

Lab File: BG064172.D

Acq: 3 Apr 2025 18:36

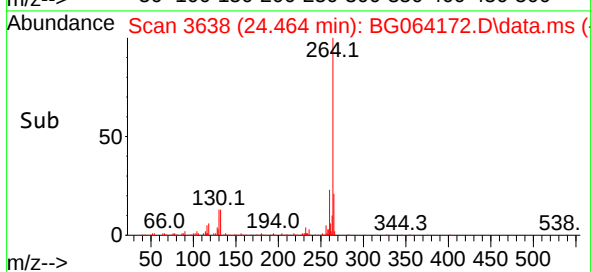
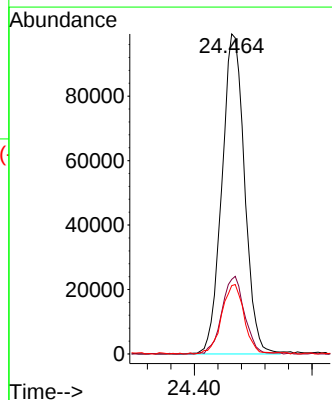
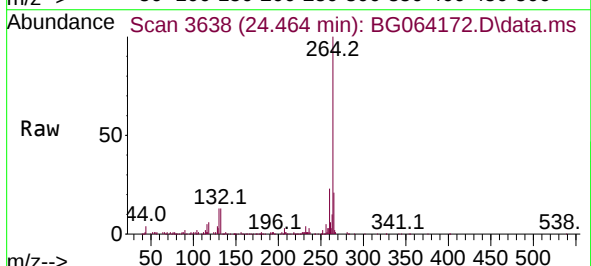
Tgt Ion:264 Resp: 265274

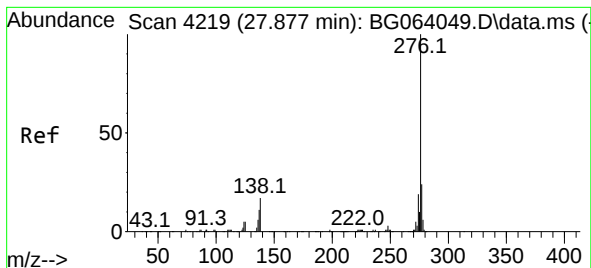
Ion Ratio Lower Upper

264 100

260 23.3 19.6 29.4

265 21.3 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.817 ng

RT: 27.871 min Scan# 41

Delta R.T. -0.005 min

Lab File: BG064172.D

Acq: 3 Apr 2025 18:36

Instrument :

BNA_G

ClientSampleId :

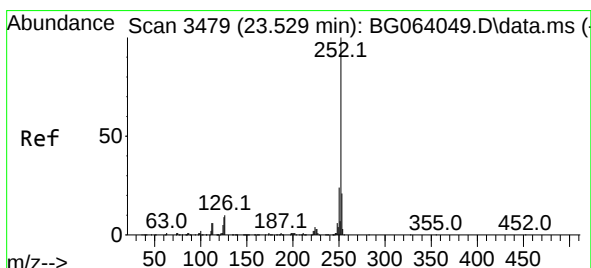
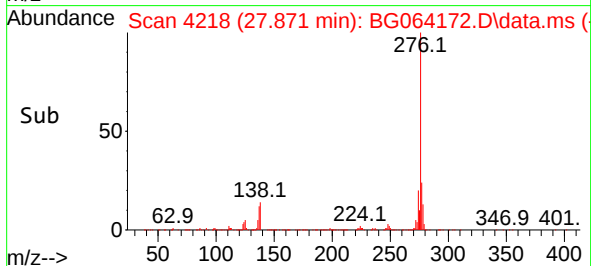
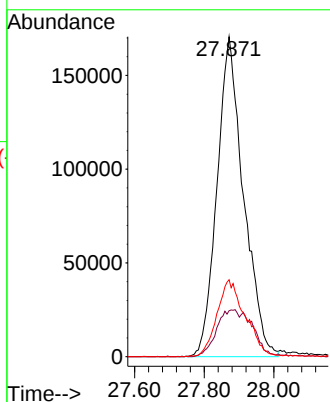
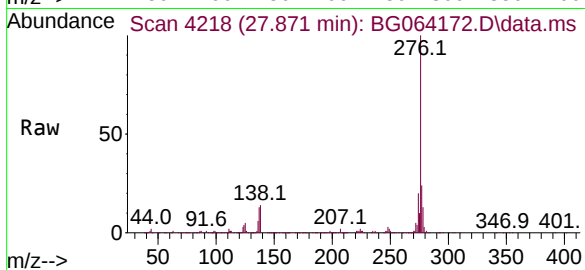
Tgt Ion:276 Resp: 901944

Ion Ratio Lower Upper

276 100

138 12.2 12.1 18.1

277 25.7 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 47.762 ng

RT: 23.518 min Scan# 3477

Delta R.T. -0.011 min

Lab File: BG064172.D

Acq: 3 Apr 2025 18:36

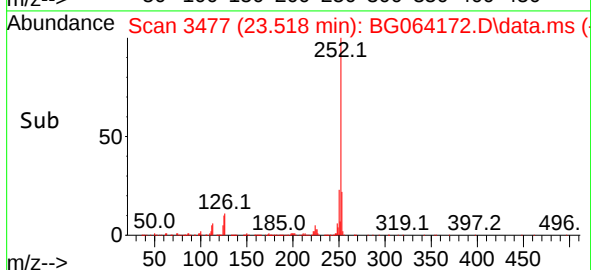
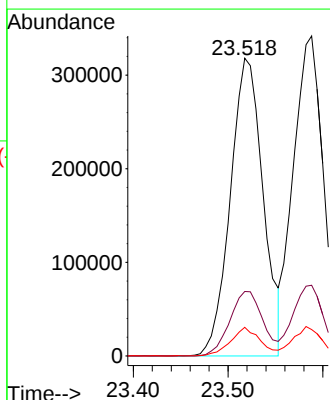
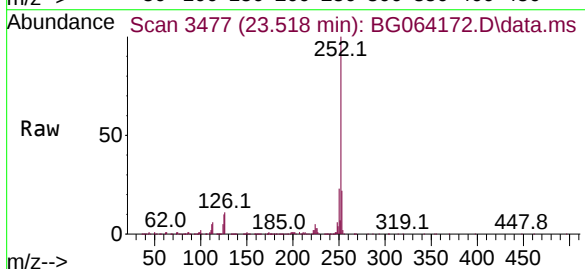
Tgt Ion:252 Resp: 765943

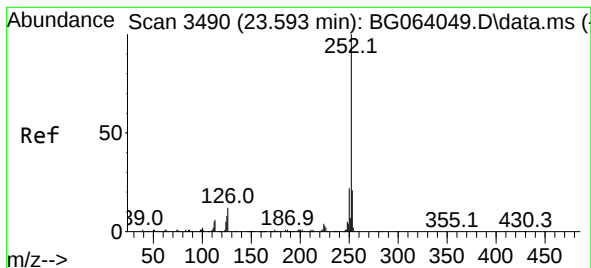
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.4

125 9.6 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 46.938 ng

RT: 23.588 min Scan# 34

Delta R.T. -0.005 min

Lab File: BG064172.D

Acq: 3 Apr 2025 18:36

Instrument :

BNA_G

ClientSampleId :

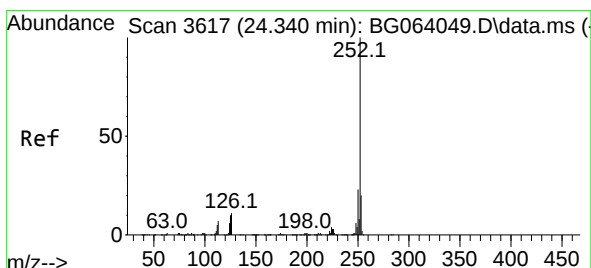
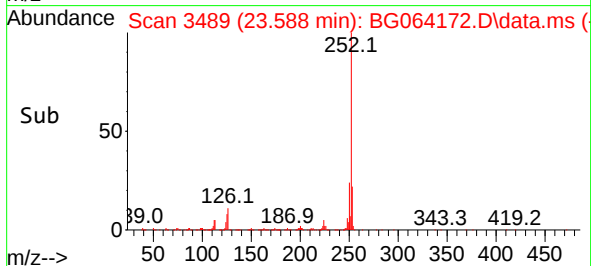
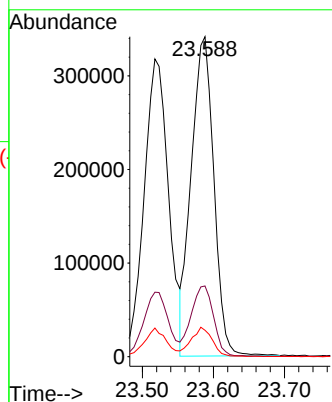
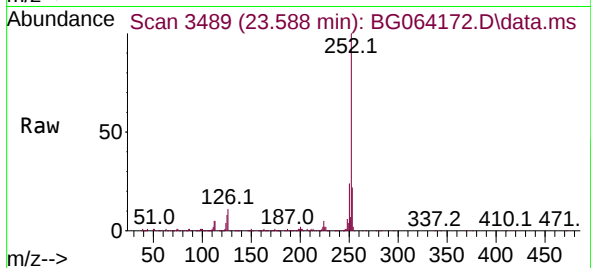
Tgt Ion:252 Resp: 755150

Ion Ratio Lower Upper

252 100

253 22.1 16.8 25.2

125 8.2 6.9 10.3



#90

Benzo(a)pyrene

Concen: 51.684 ng

RT: 24.328 min Scan# 3615

Delta R.T. -0.011 min

Lab File: BG064172.D

Acq: 3 Apr 2025 18:36

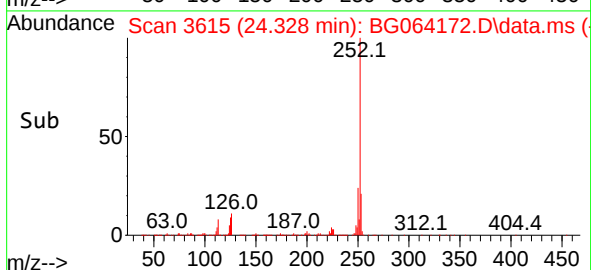
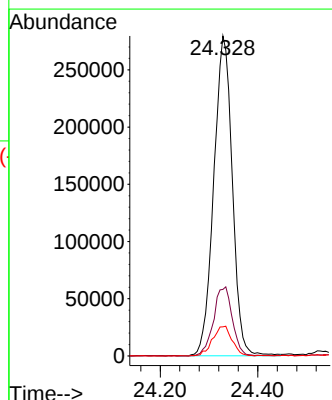
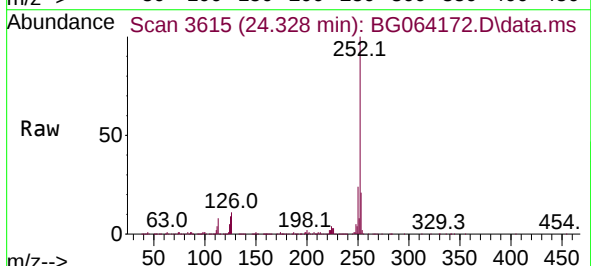
Tgt Ion:252 Resp: 738160

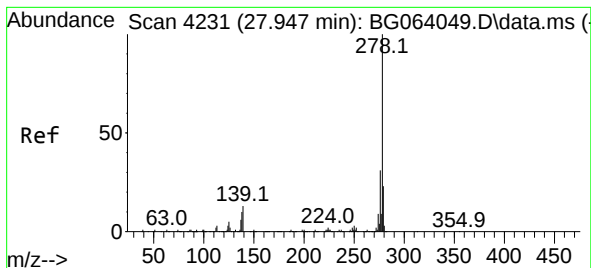
Ion Ratio Lower Upper

252 100

253 20.8 16.2 24.2

125 9.1 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 51.286 ng

RT: 27.924 min Scan# 4399

Delta R.T. -0.023 min

Lab File: BG064172.D

Acq: 3 Apr 2025 18:36

Instrument :

BNA_G

ClientSampleId :

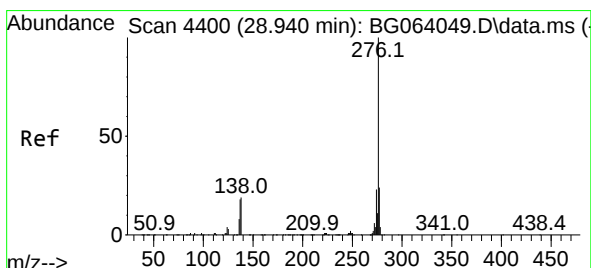
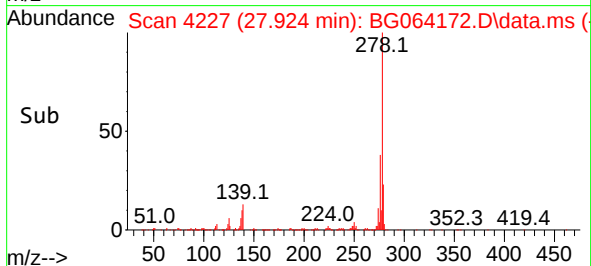
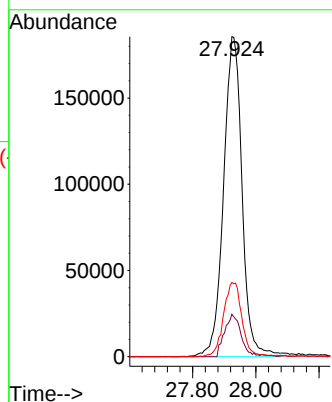
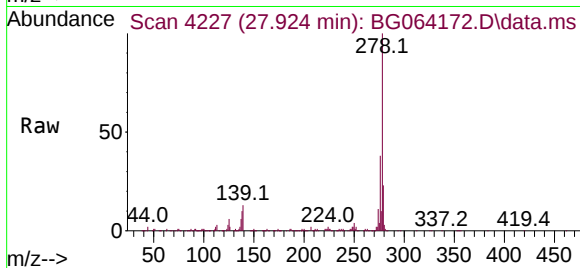
Tgt Ion:278 Resp: 754650

Ion Ratio Lower Upper

278 100

139 13.2 10.2 15.2

279 23.2 18.1 27.1



#92

Benzo(g,h,i)perylene

Concen: 47.996 ng

RT: 28.935 min Scan# 4399

Delta R.T. -0.005 min

Lab File: BG064172.D

Acq: 3 Apr 2025 18:36

Tgt Ion:276 Resp: 725108

Ion Ratio Lower Upper

276 100

277 21.9 19.5 29.3

138 16.9 15.4 23.0

