

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064164.D
 Acq On : 3 Apr 2025 13:04
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 13:40:21 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	7.856	152	32960	20.000	ng	0.00
21) Naphthalene-d8	10.652	136	151982	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	113011	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	257861	20.000	ng	0.00
76) Chrysene-d12	21.457	240	259274	20.000	ng	0.00
86) Perylene-d12	24.471	264	274699	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.447	112	160341	75.960	ng	0.00
7) Phenol-d6	7.027	99	229007	79.749	ng	0.00
23) Nitrobenzene-d5	9.013	82	234949	85.429	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	117878	93.837	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	581791	78.142	ng	0.00
79) Terphenyl-d14	19.847	244	1005500	78.416	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.367	88	33853	35.387	ng	98
3) Pyridine	3.755	79	81588	35.068	ng	96
4) n-Nitrosodimethylamine	3.672	42	61558	37.032	ng	90
6) Aniline	7.192	93	104630	37.132	ng	96
8) 2-Chlorophenol	7.427	128	89545	39.498	ng	97
9) Benzaldehyde	7.004	77	61316	36.714	ng	97
10) Phenol	7.051	94	112526	38.273	ng	97
11) bis(2-Chloroethyl)ether	7.286	93	83800	36.356	ng	98
12) 1,3-Dichlorobenzene	7.750	146	94134	37.811	ng	96
13) 1,4-Dichlorobenzene	7.897	146	95654	37.485	ng	97
14) 1,2-Dichlorobenzene	8.214	146	94758	38.510	ng	96
15) Benzyl Alcohol	8.097	79	95305	42.949	ng	88
16) 2,2'-oxybis(1-Chloropr...	8.390	45	190880	36.829	ng	99
17) 2-Methylphenol	8.296	107	80461	41.235	ng	94
18) Hexachloroethane	8.937	117	37444	41.940	ng	99
19) n-Nitroso-di-n-propyla...	8.661	70	81288	40.336	ng	99
20) 3+4-Methylphenols	8.625	107	108970	40.565	ng	93
22) Acetophenone	8.672	105	158820	38.113	ng	99
24) Nitrobenzene	9.054	77	120042	42.235	ng	97
25) Isophorone	9.577	82	206038	37.430	ng	# 97
26) 2-Nitrophenol	9.765	139	48005	48.689	ng	91
27) 2,4-Dimethylphenol	9.824	122	67506	40.907	ng	99
28) bis(2-Chloroethoxy)met...	10.059	93	127095	38.083	ng	96
29) 2,4-Dichlorophenol	10.294	162	88857	42.643	ng	96
30) 1,2,4-Trichlorobenzene	10.511	180	98879	39.309	ng	96
31) Naphthalene	10.699	128	325532	39.722	ng	99
32) Benzoic acid	9.965	122	69369	46.179	ng	85
33) 4-Chloroaniline	10.799	127	121235	40.475	ng	96
34) Hexachlorobutadiene	10.993	225	66897	40.574	ng	99
35) Caprolactam	11.569	113	33826	42.361	ng	89
36) 4-Chloro-3-methylphenol	11.927	107	120643	44.169	ng	99
37) 2-Methylnaphthalene	12.309	142	242629	41.937	ng	98
38) 1-Methylnaphthalene	12.527	142	238561	42.088	ng	95
40) 1,2,4,5-Tetrachloroben...	12.679	216	125862	39.010	ng	98
41) Hexachlorocyclopentadiene	12.662	237	50540	55.656	ng	98
43) 2,4,6-Trichlorophenol	12.914	196	81723	42.978	ng	99

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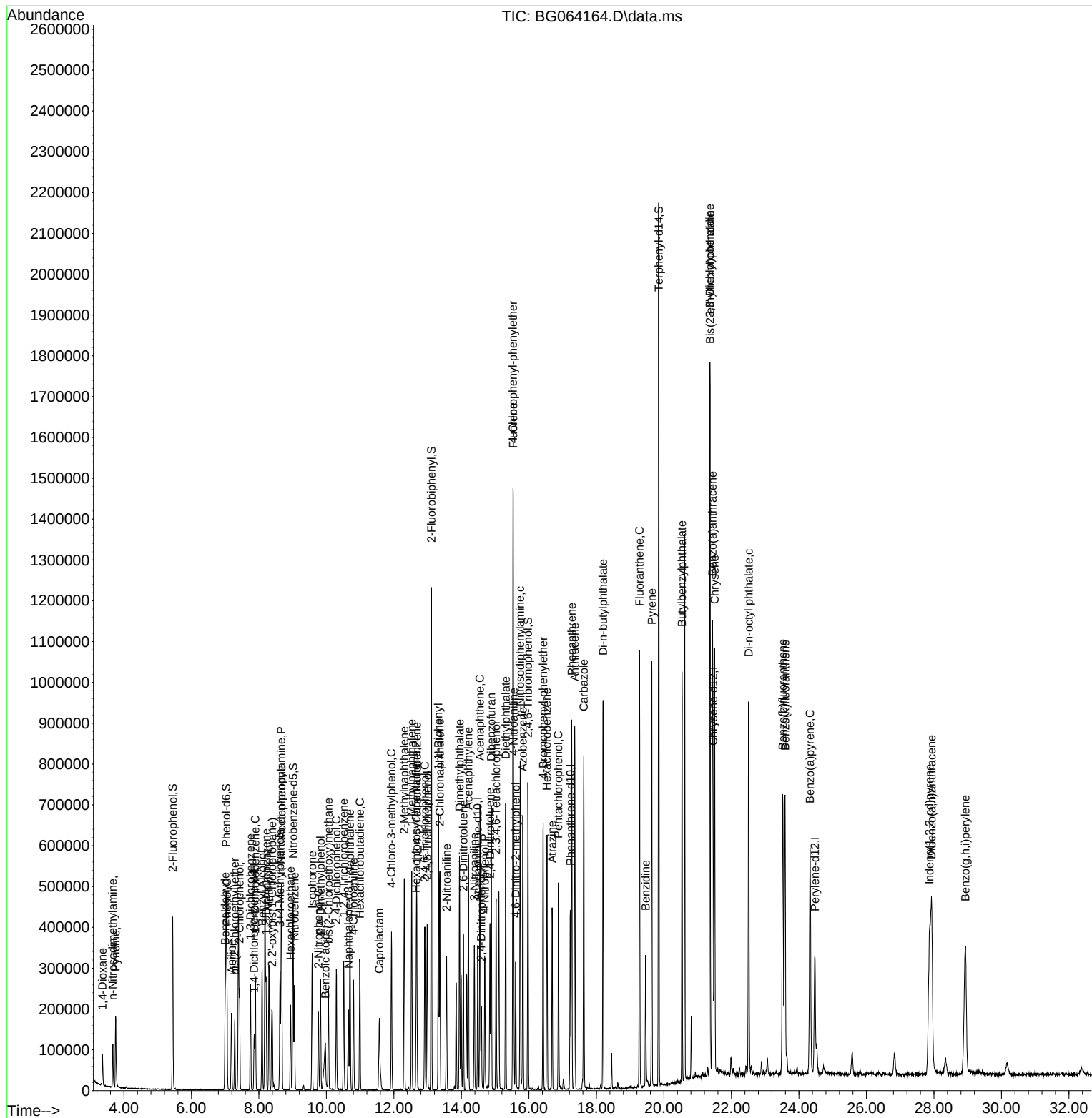
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.985	196	92850	43.945	ng	97
46) 1,1'-Biphenyl	13.320	154	328066	38.424	ng	99
47) 2-Chloronaphthalene	13.361	162	236288	37.945	ng	95
48) 2-Nitroaniline	13.561	65	89492	44.074	ng	97
49) Acenaphthylene	14.207	152	378041	38.382	ng	100
50) Dimethylphthalate	13.943	163	328899	39.426	ng	100
51) 2,6-Dinitrotoluene	14.060	165	69764	41.696	ng	96
52) Acenaphthene	14.548	154	252698	38.229	ng	97
53) 3-Nitroaniline	14.383	138	70451	43.696	ng	98
54) 2,4-Dinitrophenol	14.589	184	34525	51.990	ng #	85
55) Dibenzofuran	14.883	168	413808	38.644	ng	97
56) 4-Nitrophenol	14.695	139	59592	44.070	ng	90
57) 2,4-Dinitrotoluene	14.847	165	98910	42.785	ng #	95
58) Fluorene	15.535	166	328800	39.423	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.030	232	93492	45.389	ng	97
60) Diethylphthalate	15.312	149	367087	40.534	ng	98
61) 4-Chlorophenyl-phenyle...	15.529	204	163185	39.373	ng	93
62) 4-Nitroaniline	15.547	138	77114	44.300	ng	88
63) Azobenzene	15.817	77	369721	38.258	ng	99
65) 4,6-Dinitro-2-methylph...	15.611	198	57696	51.147	ng	94
66) n-Nitrosodiphenylamine	15.741	169	285532	39.119	ng	95
67) 4-Bromophenyl-phenylether	16.422	248	108942	41.251	ng	98
68) Hexachlorobenzene	16.534	284	118452	40.062	ng	96
69) Atrazine	16.686	200	74539	34.708	ng	96
70) Pentachlorophenol	16.874	266	80767	43.996	ng	96
71) Phenanthrene	17.268	178	536739	39.025	ng	99
72) Anthracene	17.356	178	539984	39.484	ng	99
73) Carbazole	17.627	167	501891	39.306	ng	99
74) Di-n-butylphthalate	18.196	149	634185	42.194	ng	100
75) Fluoranthene	19.278	202	642628	38.757	ng	97
77) Benzidine	19.460	184	181482	50.549	ng	99
78) Pyrene	19.642	202	659960	39.487	ng	99
80) Butylbenzylphthalate	20.535	149	283271	45.382	ng	98
81) Benzo(a)anthracene	21.440	228	648901	39.071	ng	99
82) 3,3'-Dichlorobenzidine	21.363	252	225362	41.927	ng	98
83) Chrysene	21.504	228	624492	37.700	ng	99
84) Bis(2-ethylhexyl)phtha...	21.369	149	415542	46.263	ng	99
85) Di-n-octyl phthalate	22.509	149	718709	46.390	ng	98
87) Indeno(1,2,3-cd)pyrene	27.867	276	723995	39.391	ng	98
88) Benzo(b)fluoranthene	23.520	252	664324	40.004	ng	99
89) Benzo(k)fluoranthene	23.590	252	615757	36.961	ng	99
90) Benzo(a)pyrene	24.330	252	580328	39.239	ng	98
91) Dibenzo(a,h)anthracene	27.932	278	610274	40.051	ng	99
92) Benzo(g,h,i)perylene	28.931	276	606526	38.770	ng	94

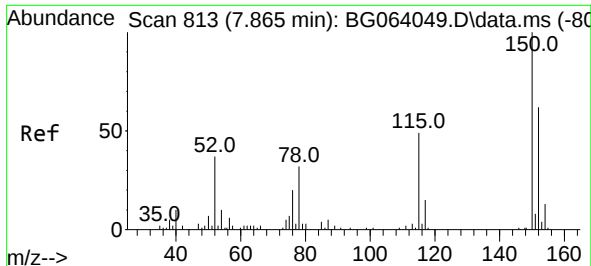
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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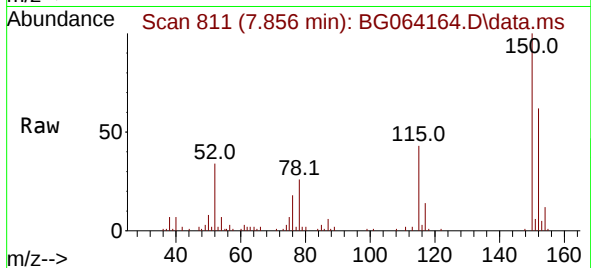
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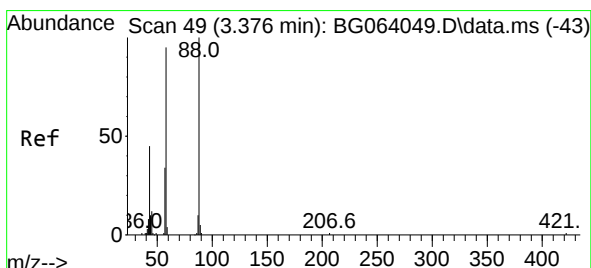
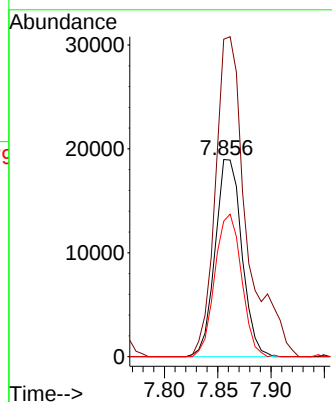
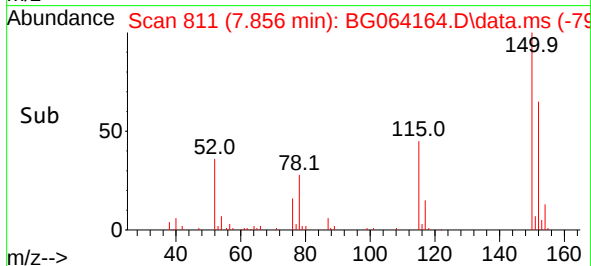


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.856 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

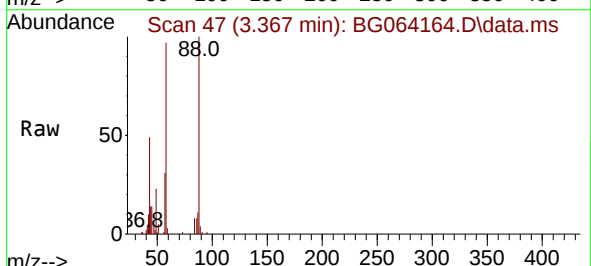
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BNA_G
ClientSampleId :



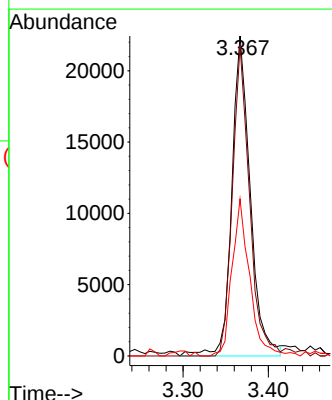
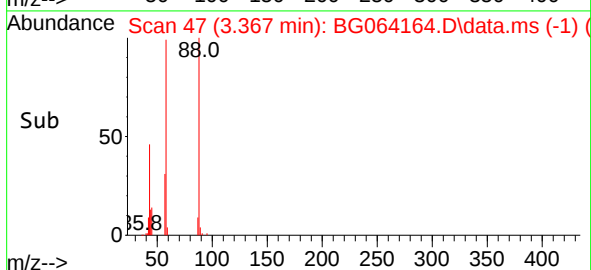
Tgt Ion:152 Resp: 32960
Ion Ratio Lower Upper
152 100
150 161.1 129.2 193.8
115 68.8 63.0 94.6

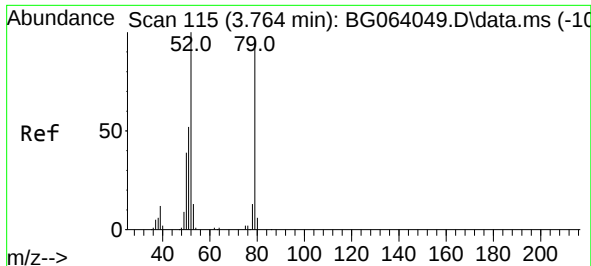


#2
1,4-Dioxane
Concen: 35.387 ng
RT: 3.367 min Scan# 47
Delta R.T. -0.009 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04



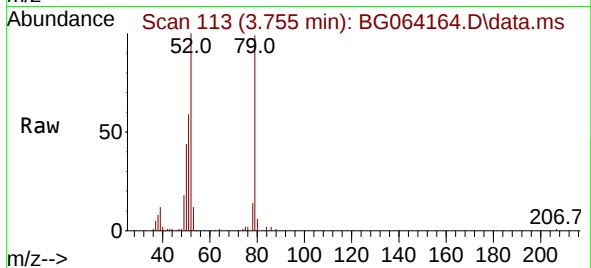
Tgt Ion: 88 Resp: 33853
Ion Ratio Lower Upper
88 100
58 91.7 74.6 111.8
43 47.0 35.5 53.3





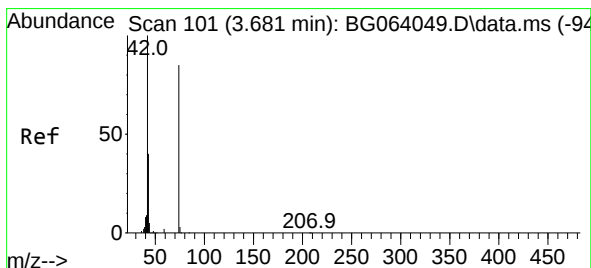
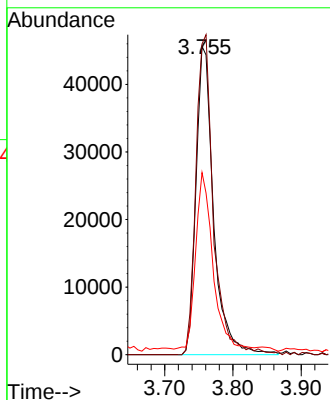
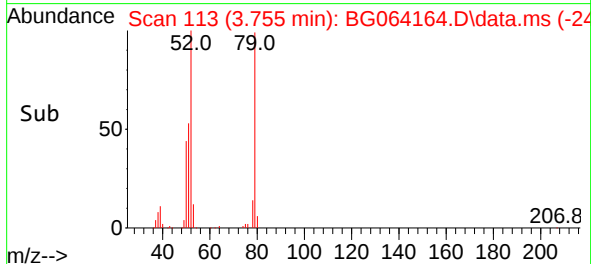
#3
Pyridine
Concen: 35.068 ng
RT: 3.755 min Scan# 115
Delta R.T. -0.009 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

Instrument :
BNA_G
ClientSampleId :



Tgt Ion: 79 Resp: 81588

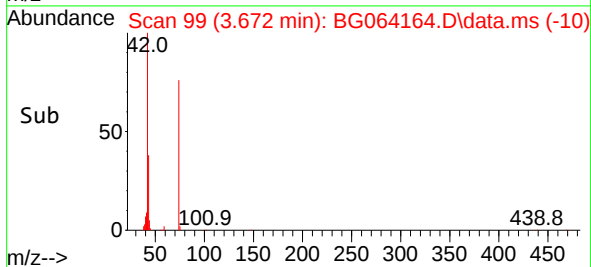
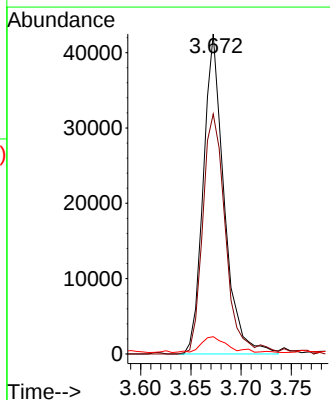
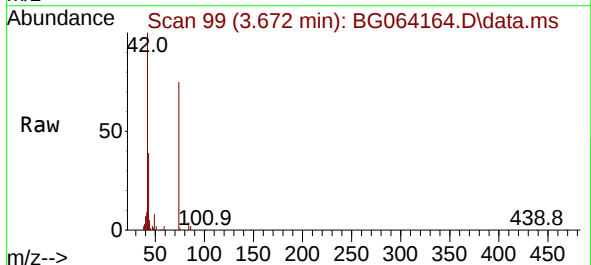
Ion	Ratio	Lower	Upper
79	100		
52	100.7	83.0	124.6
51	59.1	44.3	66.5

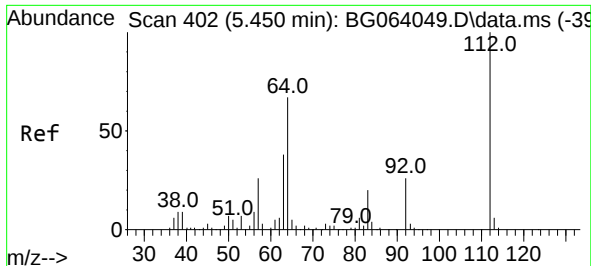


#4
n-Nitrosodimethylamine
Concen: 37.032 ng
RT: 3.672 min Scan# 99
Delta R.T. -0.009 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

Tgt Ion: 42 Resp: 61558

Ion	Ratio	Lower	Upper
42	100		
74	75.0	68.0	102.0
44	5.4	4.9	7.3

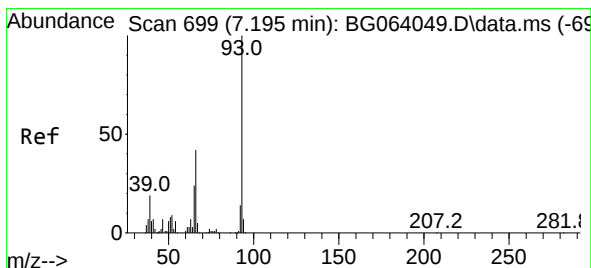
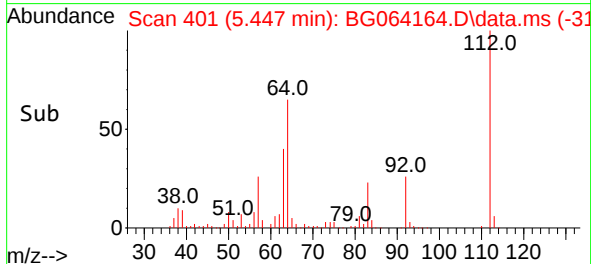
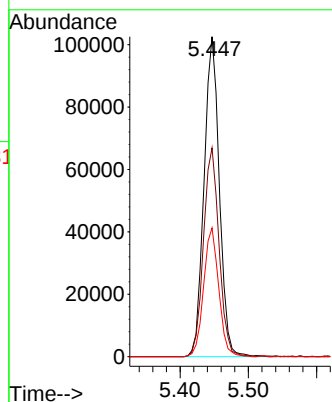
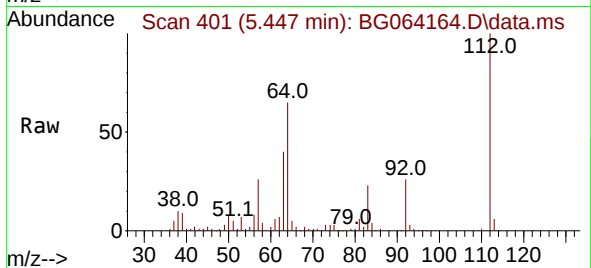




#5
2-Fluorophenol
Concen: 75.960 ng
RT: 5.447 min Scan# 402
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

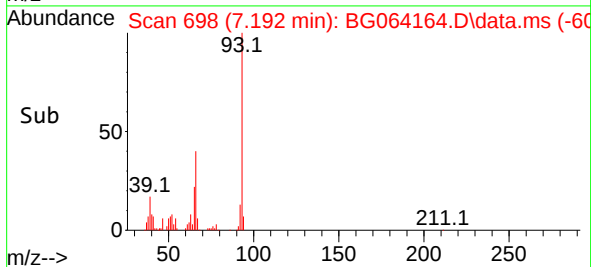
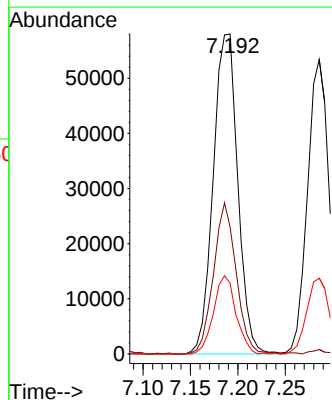
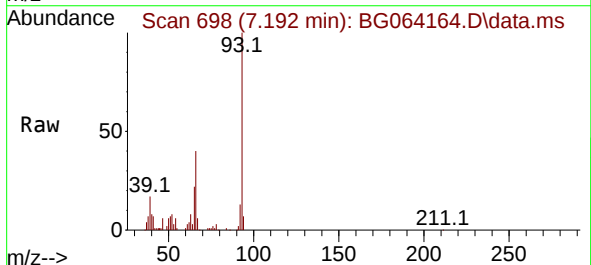
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ClientSampleId :

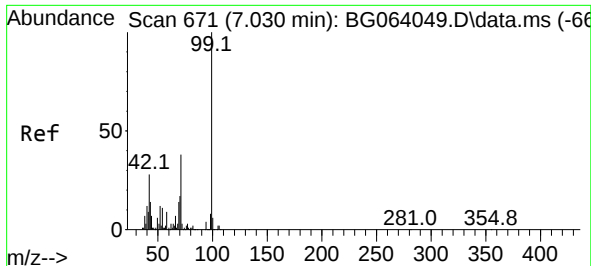
Tgt Ion:112 Resp: 160341
Ion Ratio Lower Upper
112 100
64 65.2 53.7 80.5
63 40.3 30.2 45.4



#6
Aniline
Concen: 37.132 ng
RT: 7.192 min Scan# 698
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

Tgt Ion: 93 Resp: 104630
Ion Ratio Lower Upper
93 100
66 39.7 33.7 50.5
65 22.1 19.1 28.7

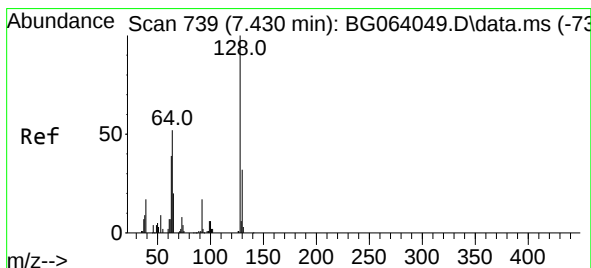
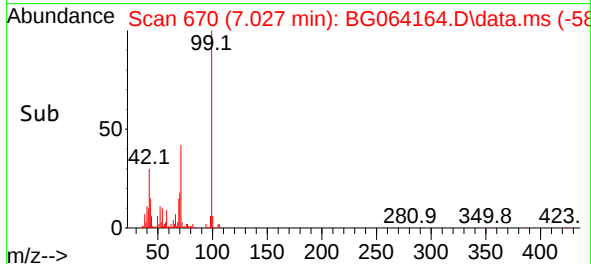
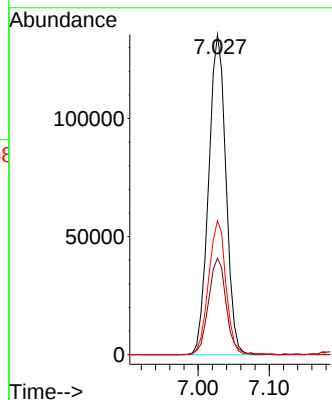
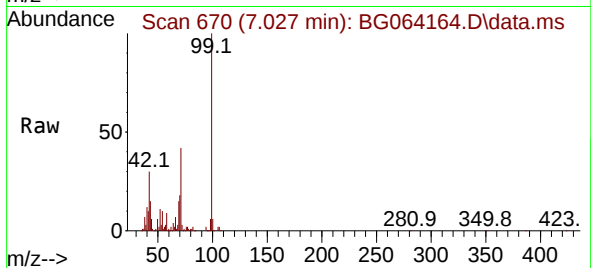




#7
Phenol-d6
Concen: 79.749 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

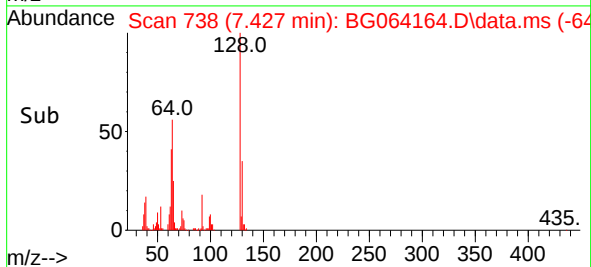
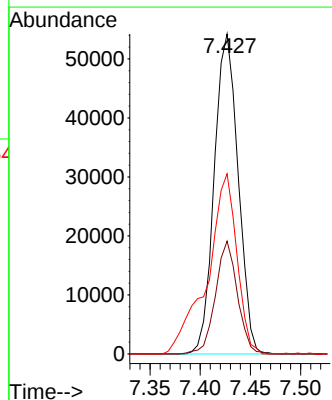
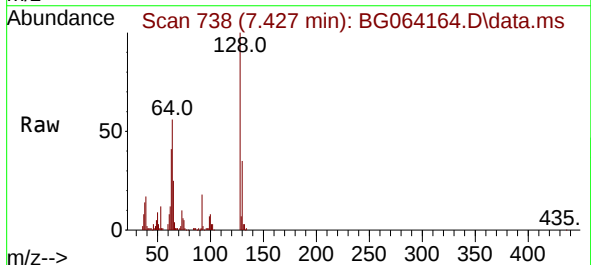
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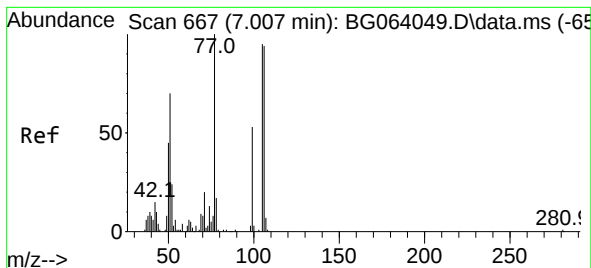
Tgt Ion: 99 Resp: 229007
Ion Ratio Lower Upper
99 100
42 30.2 22.7 34.1
71 41.9 30.6 46.0



#8
2-Chlorophenol
Concen: 39.498 ng
RT: 7.427 min Scan# 738
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

Tgt Ion:128 Resp: 89545
Ion Ratio Lower Upper
128 100
130 35.3 12.3 52.3
64 56.3 37.0 77.0





#9

Benzaldehyde

Concen: 36.714 ng

RT: 7.004 min Scan# 6

Delta R.T. -0.003 min

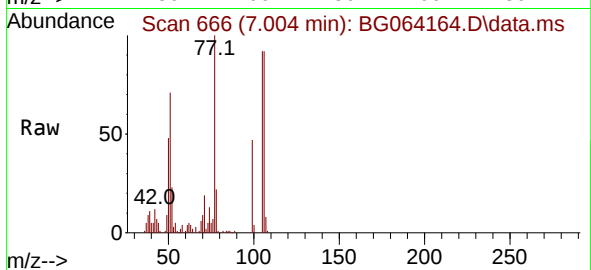
Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

Instrument :

BNA_G

ClientSampleId :



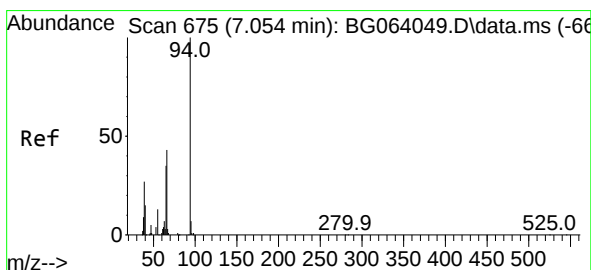
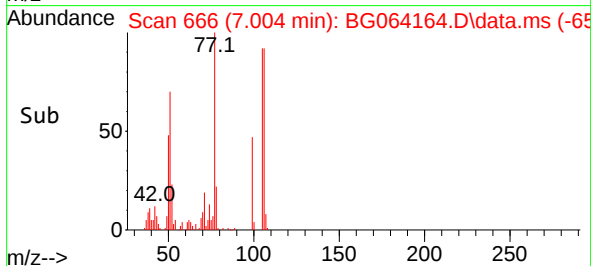
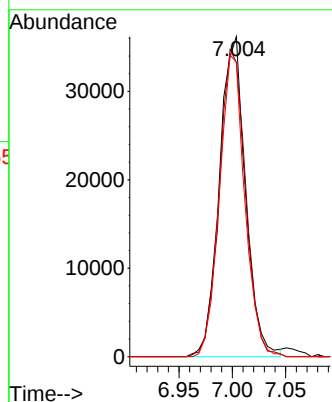
Tgt Ion: 77 Resp: 61316

Ion Ratio Lower Upper

77 100

105 92.0 75.5 115.5

106 92.0 74.2 114.2



#10

Phenol

Concen: 38.273 ng

RT: 7.051 min Scan# 674

Delta R.T. -0.003 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

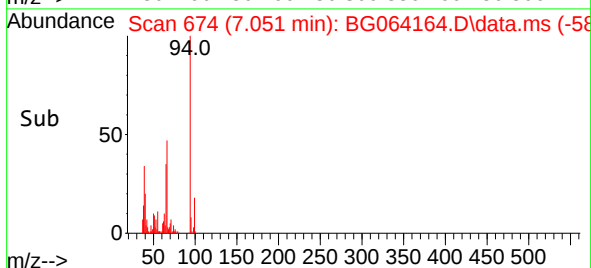
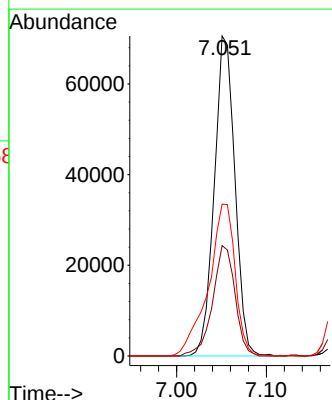
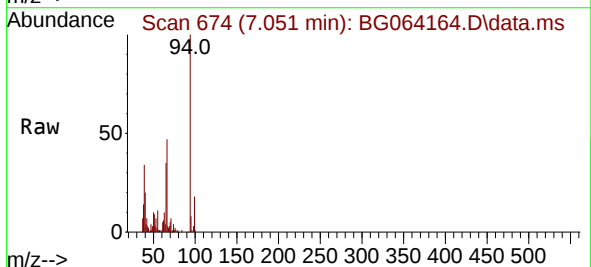
Tgt Ion: 94 Resp: 112526

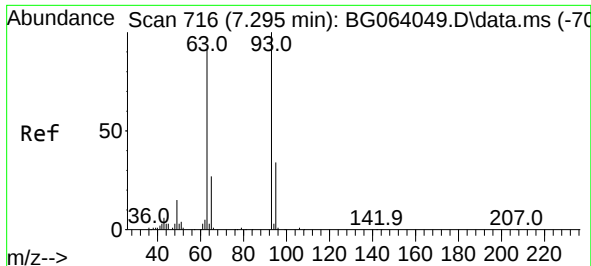
Ion Ratio Lower Upper

94 100

65 34.5 15.2 55.2

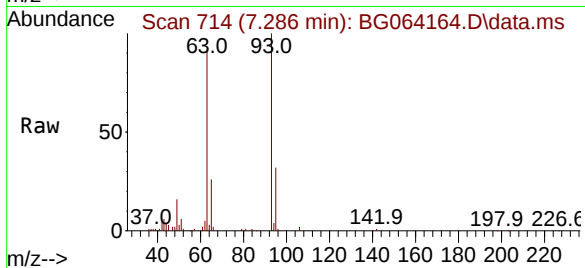
66 47.5 25.1 65.1



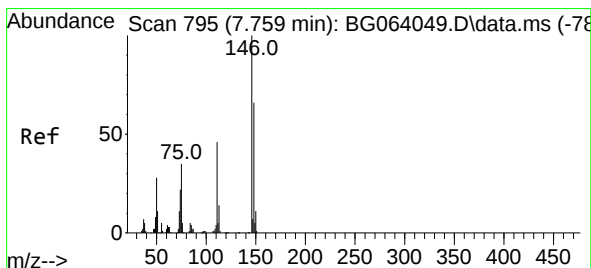
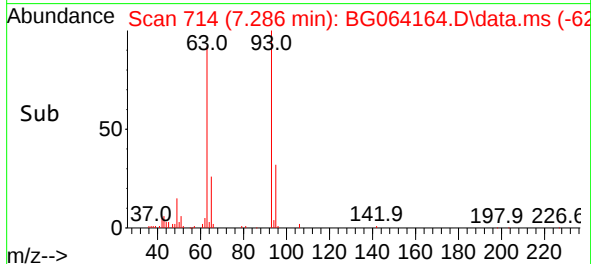
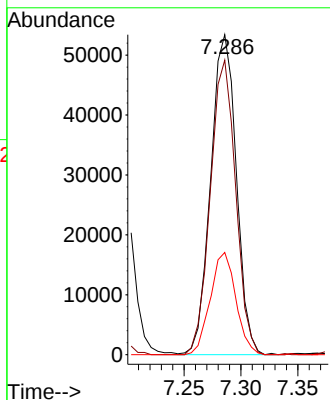


#11
bis(2-Chloroethyl)ether
Concen: 36.356 ng
RT: 7.286 min Scan# 716
Delta R.T. -0.009 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

Instrument :
BNA_G
ClientSampleId :

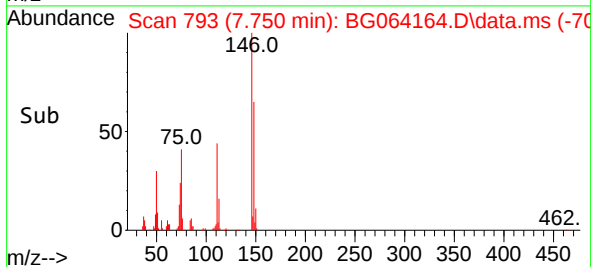
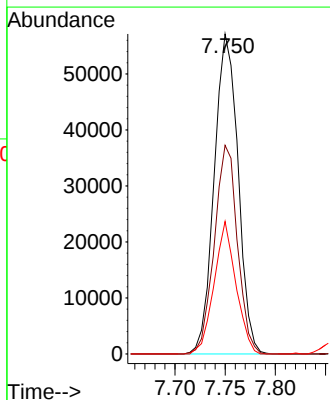
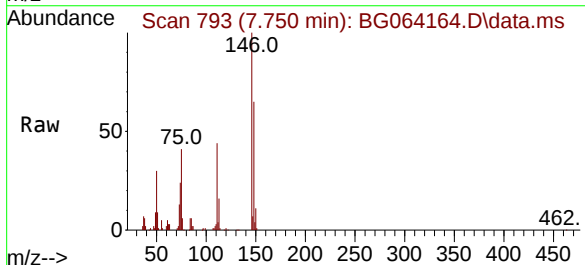


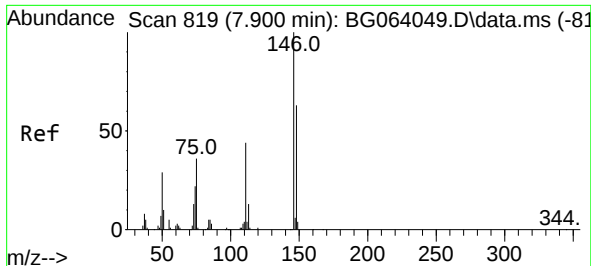
Tgt Ion: 93 Resp: 83800
Ion Ratio Lower Upper
93 100
63 92.1 70.0 110.0
95 32.0 13.7 53.7



#12
1,3-Dichlorobenzene
Concen: 37.811 ng
RT: 7.750 min Scan# 793
Delta R.T. -0.009 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

Tgt Ion:146 Resp: 94134
Ion Ratio Lower Upper
146 100
148 65.2 52.6 78.8
75 41.4 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 37.485 ng

RT: 7.897 min Scan# 819

Delta R.T. -0.003 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

Instrument :

BNA_G

ClientSampleId :

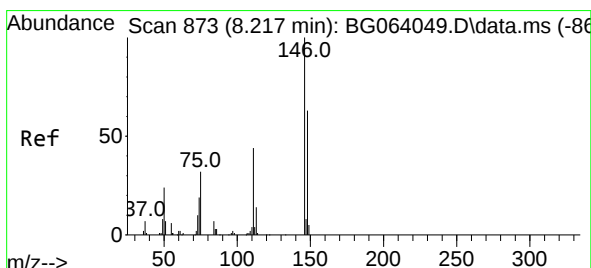
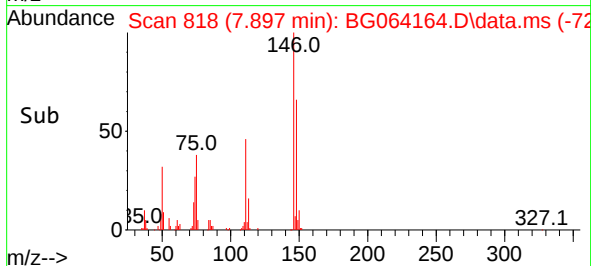
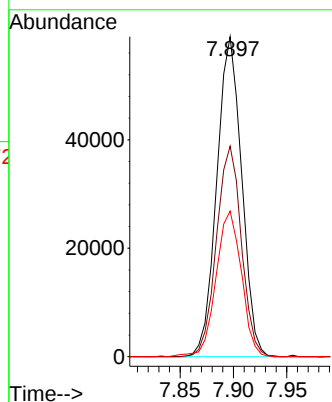
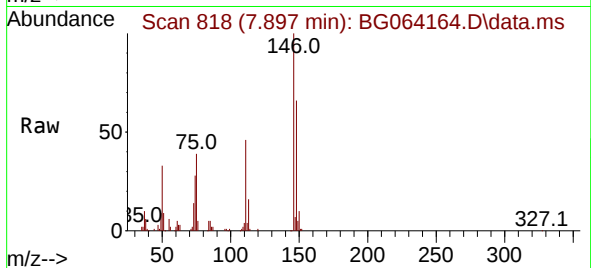
Tgt Ion:146 Resp: 95654

Ion Ratio Lower Upper

146 100

148 65.8 50.6 75.8

111 45.5 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 38.510 ng

RT: 8.214 min Scan# 872

Delta R.T. -0.003 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

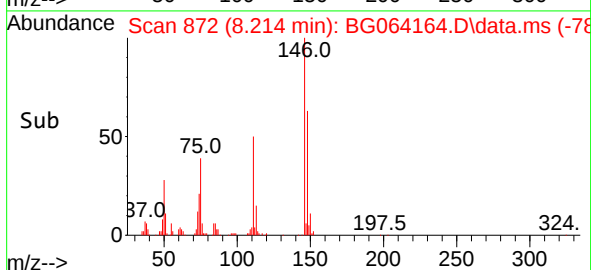
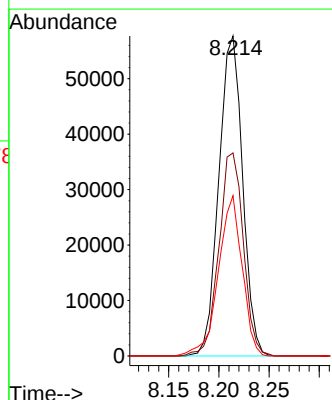
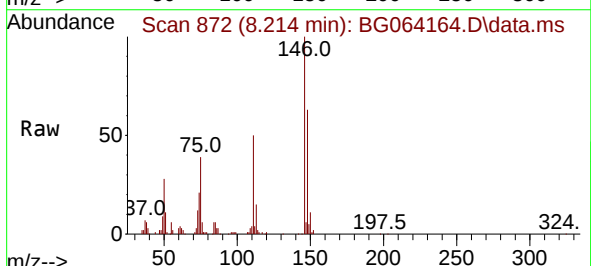
Tgt Ion:146 Resp: 94758

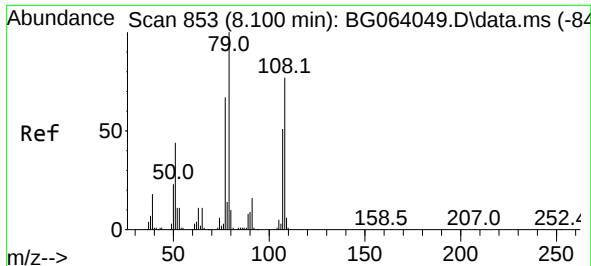
Ion Ratio Lower Upper

146 100

148 63.5 50.2 75.2

111 50.1 36.4 54.6

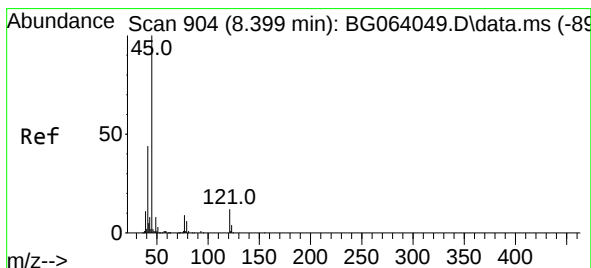
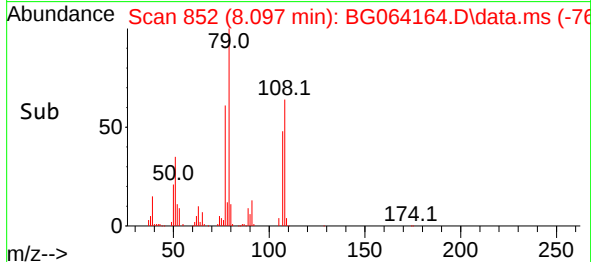
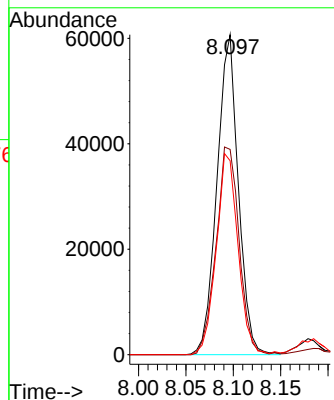
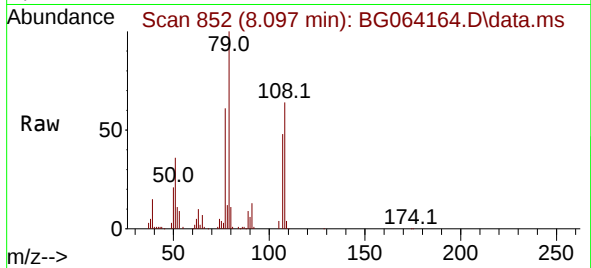




#15
Benzyl Alcohol
Concen: 42.949 ng
RT: 8.097 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

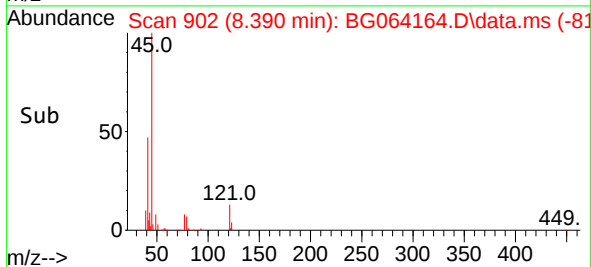
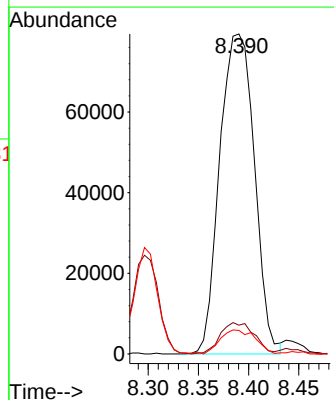
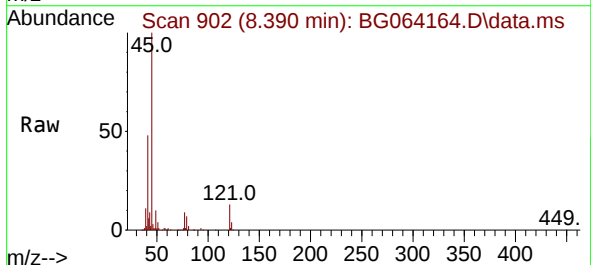
Instrument :
BNA_G
ClientSampleId :

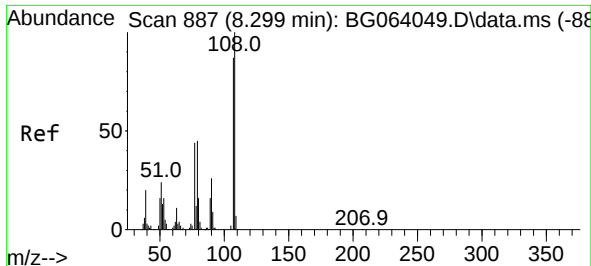
Tgt Ion: 79 Resp: 95305
Ion Ratio Lower Upper
79 100
108 64.2 61.7 92.5
77 60.6 53.9 80.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.829 ng
RT: 8.390 min Scan# 902
Delta R.T. -0.009 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

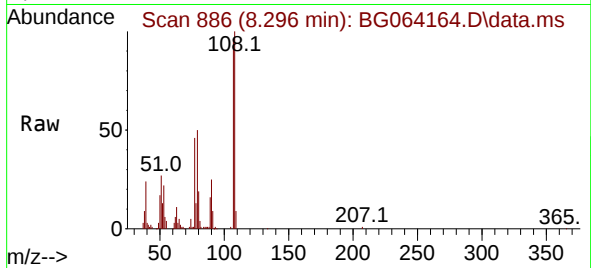
Tgt Ion: 45 Resp: 190880
Ion Ratio Lower Upper
45 100
77 9.0 0.0 29.0
79 7.4 0.0 26.6



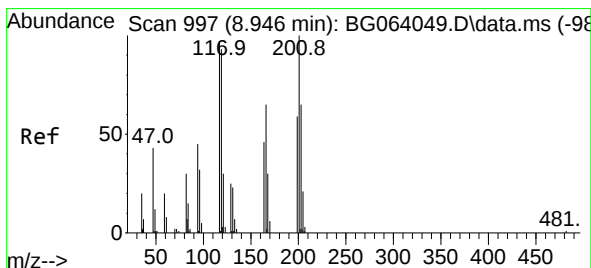
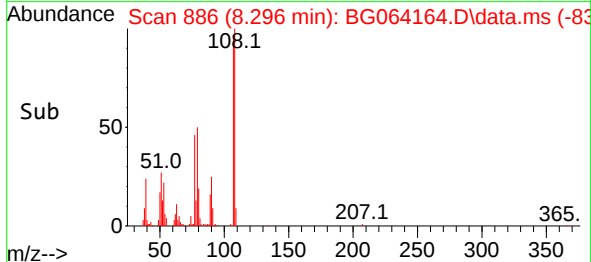
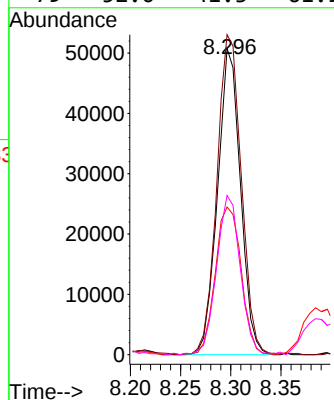


#17
2-Methylphenol
Concen: 41.235 ng
RT: 8.296 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

Instrument :
BNA_G
ClientSampleId :

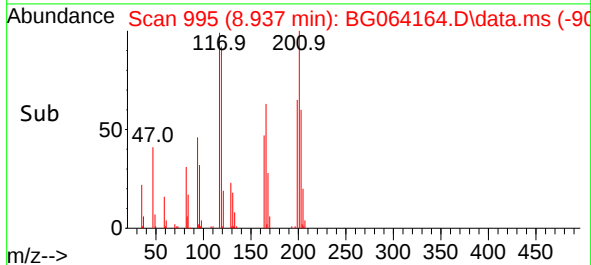
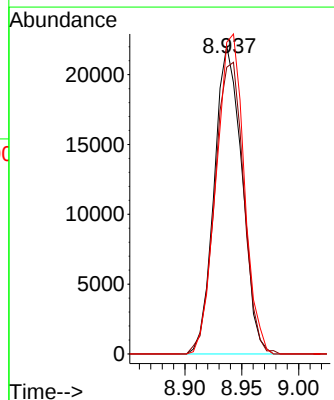
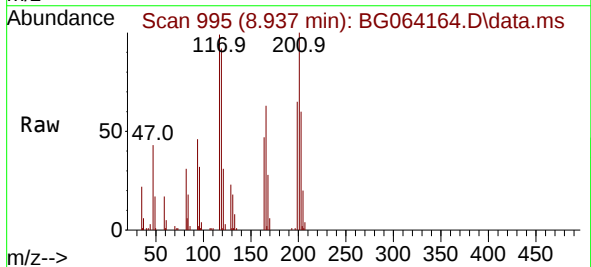


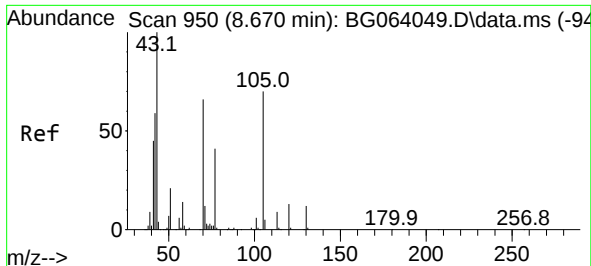
Tgt Ion:107 Resp: 80461
Ion Ratio Lower Upper
107 100
108 104.5 92.5 138.7
77 48.2 40.5 60.7
79 52.0 41.3 61.9



#18
Hexachloroethane
Concen: 41.940 ng
RT: 8.937 min Scan# 995
Delta R.T. -0.009 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

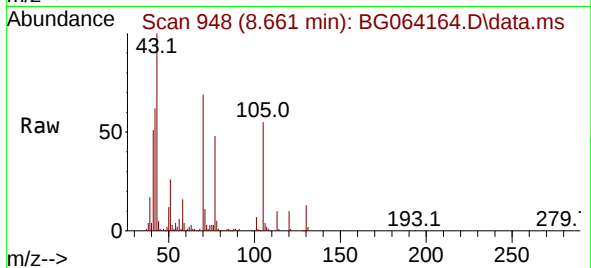
Tgt Ion:117 Resp: 37444
Ion Ratio Lower Upper
117 100
119 94.5 76.2 114.2
201 101.1 81.5 122.3



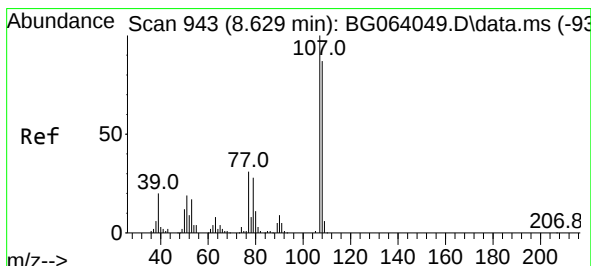
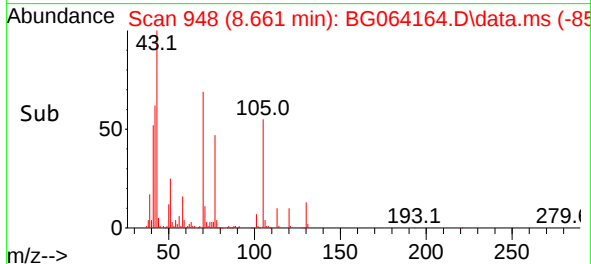
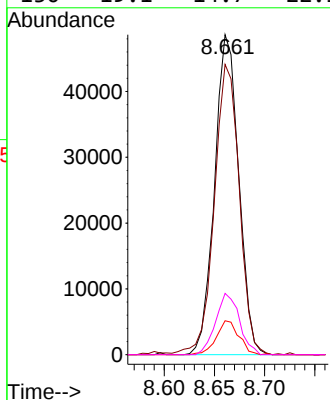


#19
n-Nitroso-di-n-propylamine
Concen: 40.336 ng
RT: 8.661 min Scan# 948
Delta R.T. -0.009 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

Instrument :
BNA_G
ClientSampleId :

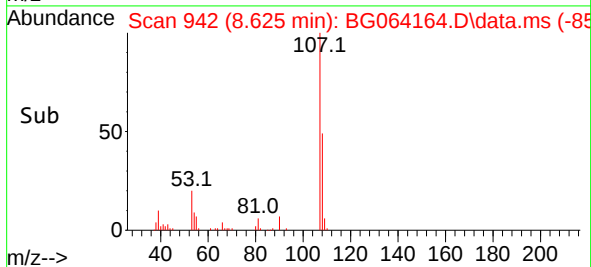
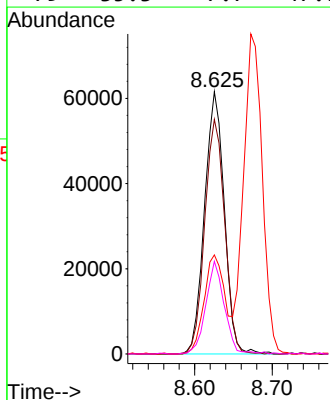
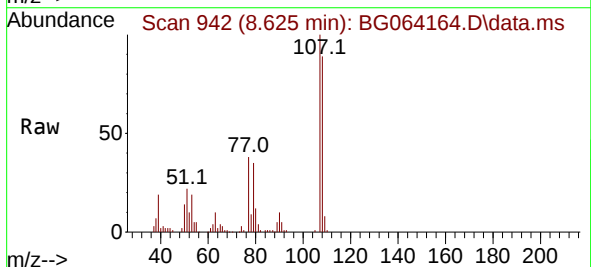


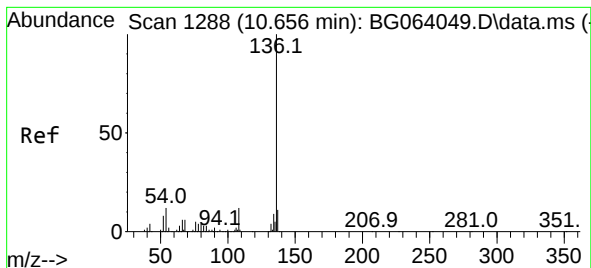
Tgt Ion:	70	Resp:	81288
Ion	Ratio	Lower	Upper
70	100		
42	90.7	72.1	108.1
101	10.6	7.2	10.8
130	19.1	14.7	22.1



#20
3+4-Methylphenols
Concen: 40.565 ng
RT: 8.625 min Scan# 942
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

Tgt Ion:	107	Resp:	108970
Ion	Ratio	Lower	Upper
107	100		
108	89.5	67.0	107.0
77	37.8	11.2	51.2
79	35.3	7.7	47.7

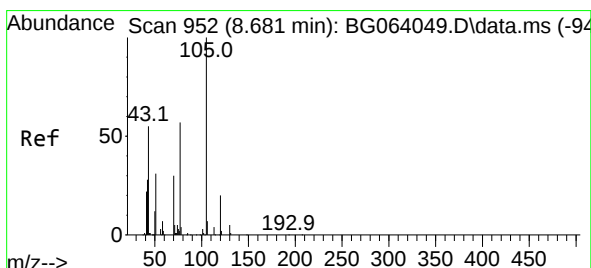
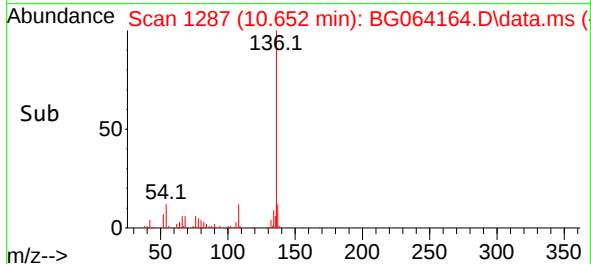
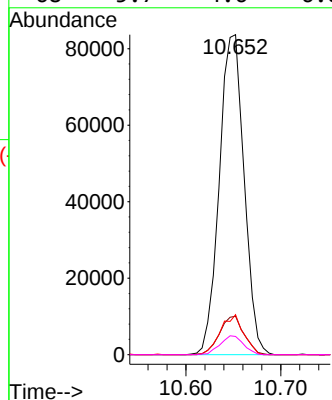
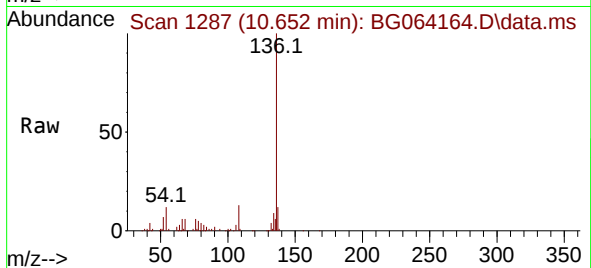




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

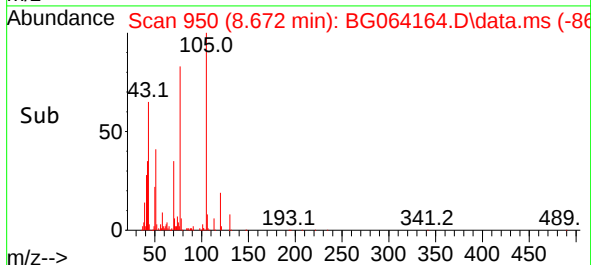
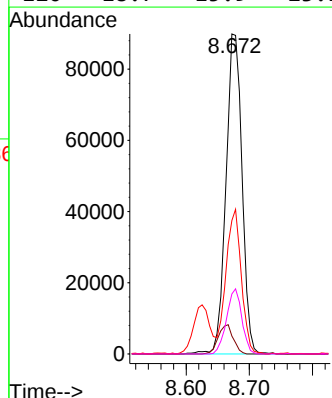
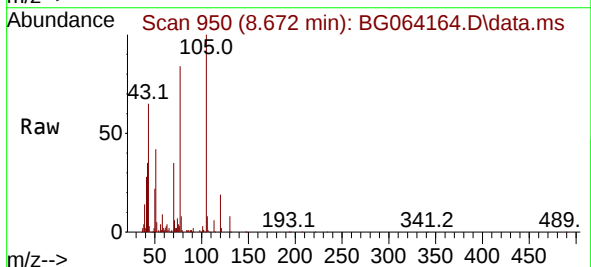
Instrument :
BNA_G
ClientSampleId :

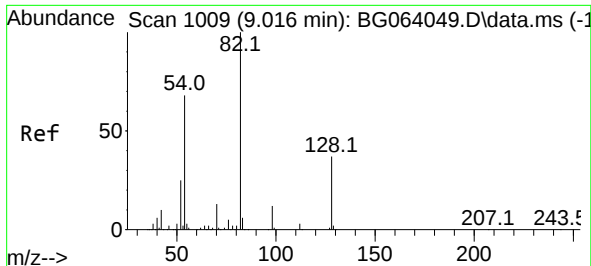
Tgt	Ion:136	Resp:	151982
Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.5	12.7
54	12.5	9.9	14.9
68	5.7	4.6	6.8



#22
Acetophenone
Concen: 38.113 ng
RT: 8.672 min Scan# 950
Delta R.T. -0.009 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

Tgt	Ion:105	Resp:	158820
Ion	Ratio	Lower	Upper
105	100		
71	5.6	4.2	6.4
51	41.7	33.3	49.9
120	18.7	15.9	23.9





#23

Nitrobenzene-d5

Concen: 85.429 ng

RT: 9.013 min Scan# 1008

Delta R.T. -0.003 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

Instrument :

BNA_G

ClientSampleId :

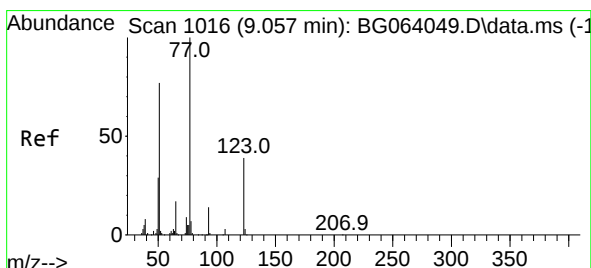
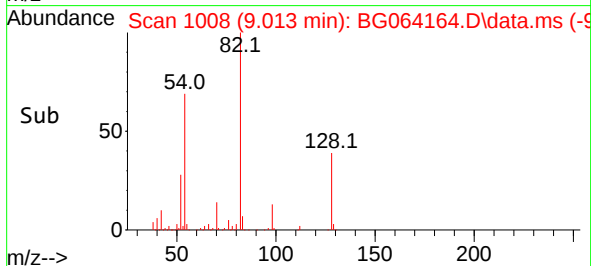
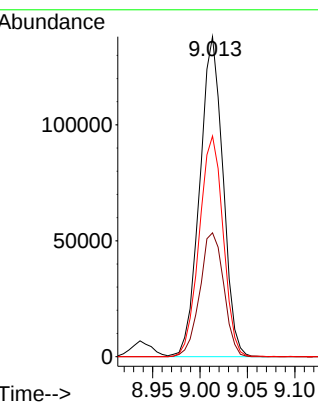
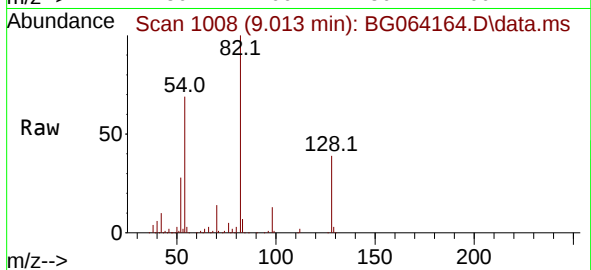
Tgt Ion: 82 Resp: 234949

Ion Ratio Lower Upper

82 100

128 38.7 30.0 45.0

54 69.0 54.7 82.1



#24

Nitrobenzene

Concen: 42.235 ng

RT: 9.054 min Scan# 1015

Delta R.T. -0.003 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

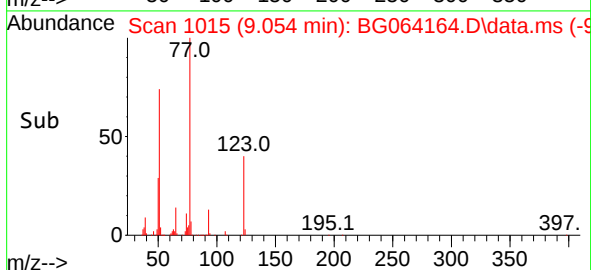
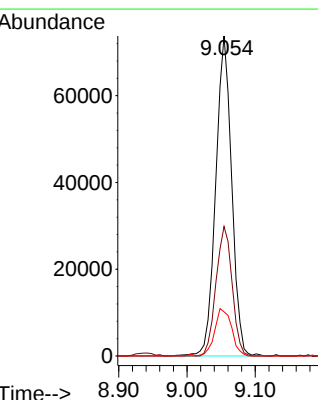
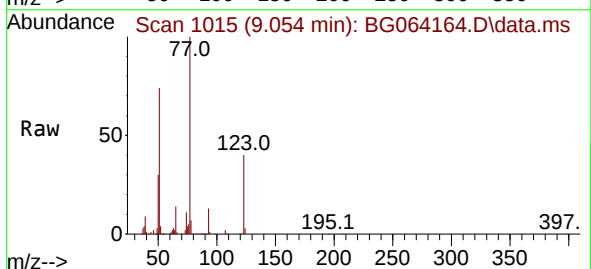
Tgt Ion: 77 Resp: 120042

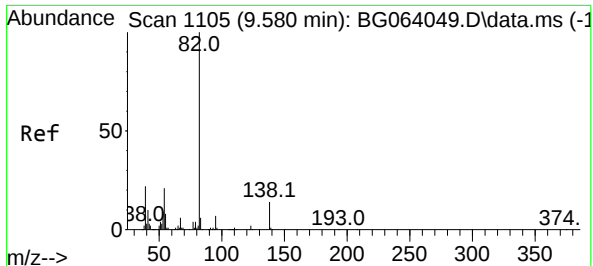
Ion Ratio Lower Upper

77 100

123 40.5 31.4 47.2

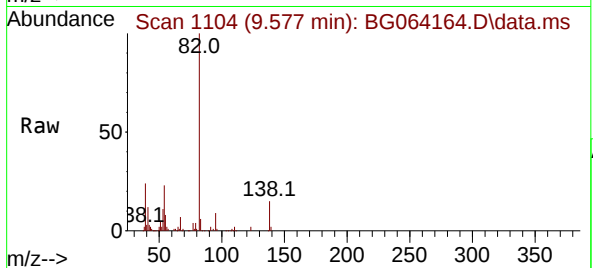
65 13.8 13.4 20.0



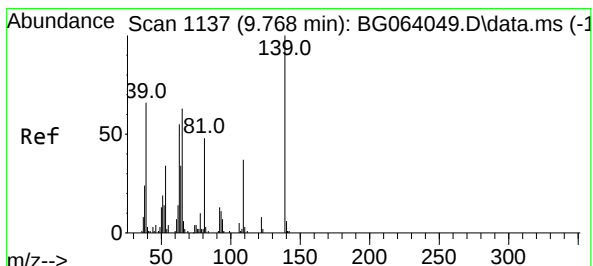
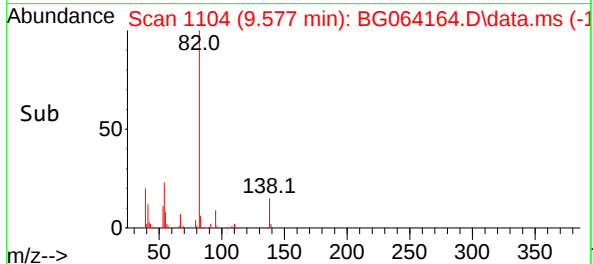
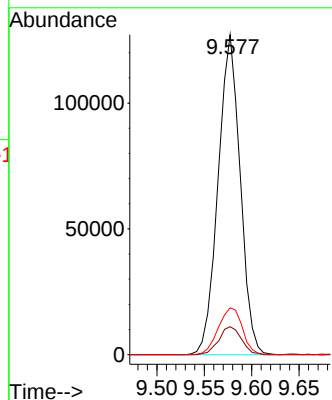


#25
Isophorone
Concen: 37.430 ng
RT: 9.577 min Scan# 1104
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

Instrument :
BNA_G
ClientSampleId :

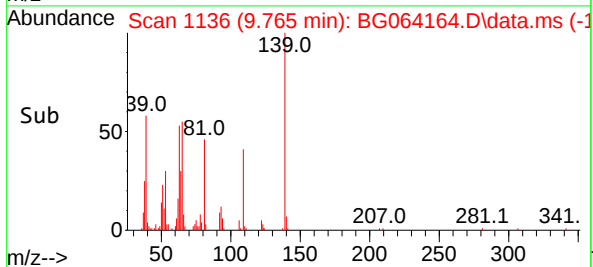
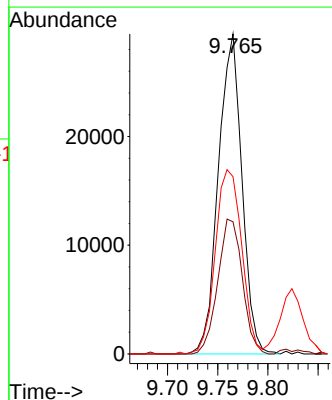
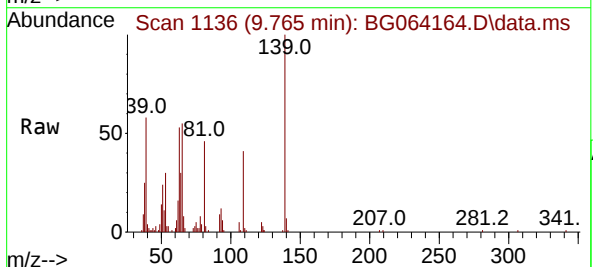


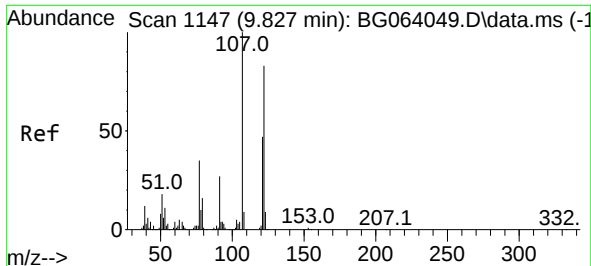
Tgt Ion: 82 Resp: 206038
Ion Ratio Lower Upper
82 100
95 8.8 5.8 8.8#
138 14.6 10.9 16.3



#26
2-Nitrophenol
Concen: 48.689 ng
RT: 9.765 min Scan# 1136
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

Tgt Ion:139 Resp: 48005
Ion Ratio Lower Upper
139 100
109 41.3 29.9 44.9
65 55.4 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 40.907 ng

RT: 9.824 min Scan# 1146

Delta R.T. -0.003 min

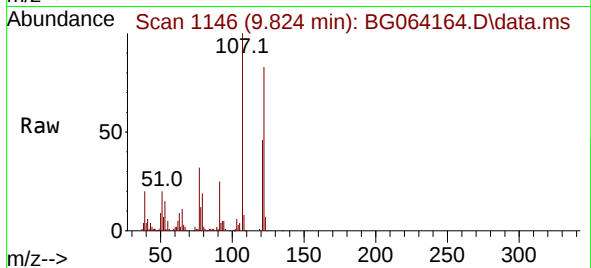
Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

Instrument :

BNA_G

ClientSampleId :



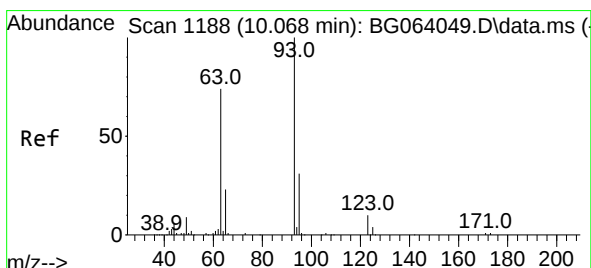
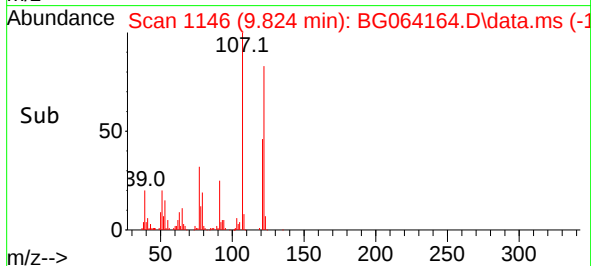
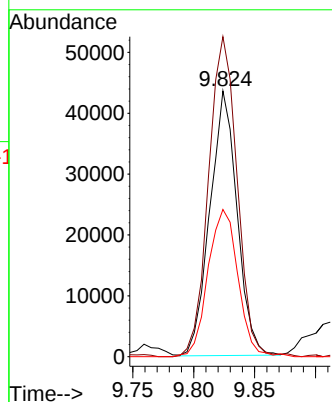
Tgt Ion:122 Resp: 67506

Ion Ratio Lower Upper

122 100

107 120.4 95.4 143.0

121 55.4 44.9 67.3



#28

bis(2-Chloroethoxy)methane

Concen: 38.083 ng

RT: 10.059 min Scan# 1186

Delta R.T. -0.009 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

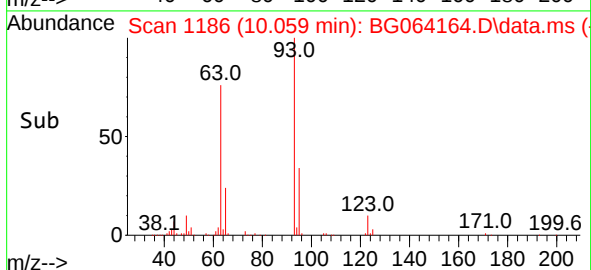
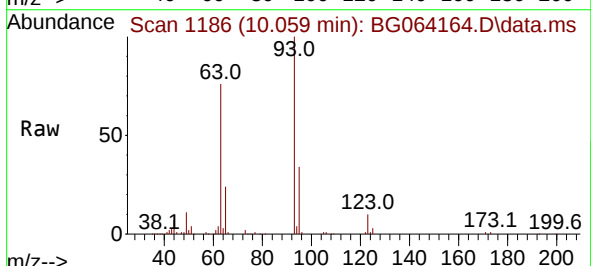
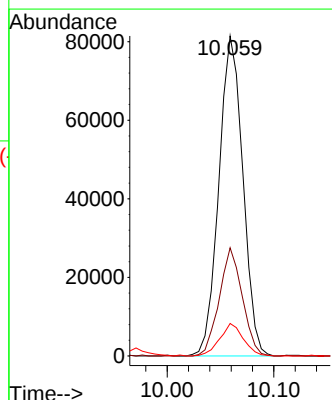
Tgt Ion: 93 Resp: 127095

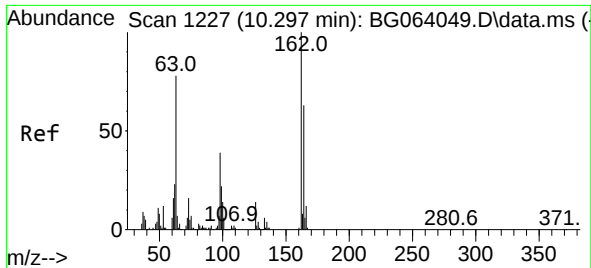
Ion Ratio Lower Upper

93 100

95 33.8 25.0 37.4

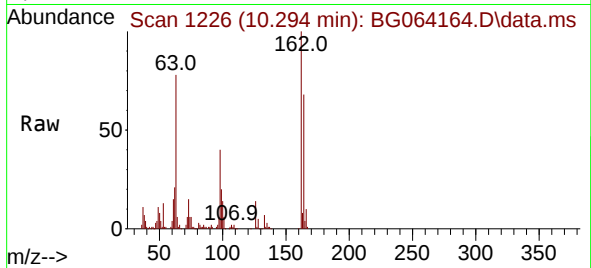
123 10.2 7.6 11.4



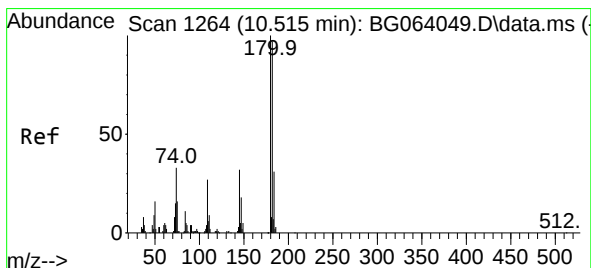
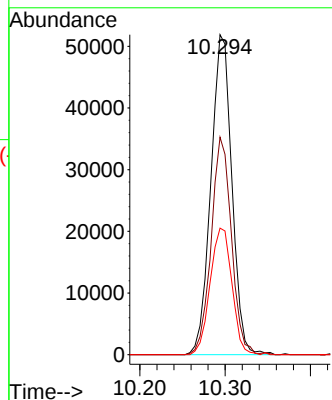
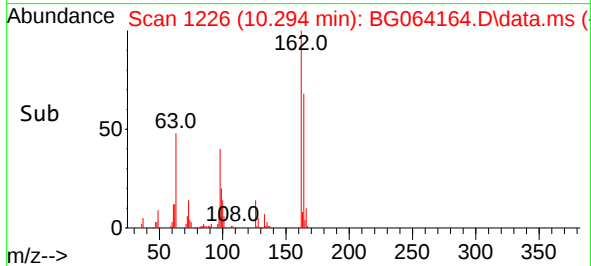


#29
2,4-Dichlorophenol
Concen: 42.643 ng
RT: 10.294 min Scan# 1226
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

Instrument :
BNA_G
ClientSampleId :

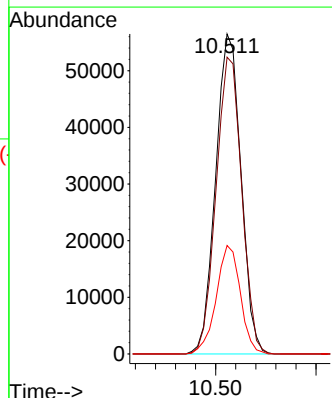
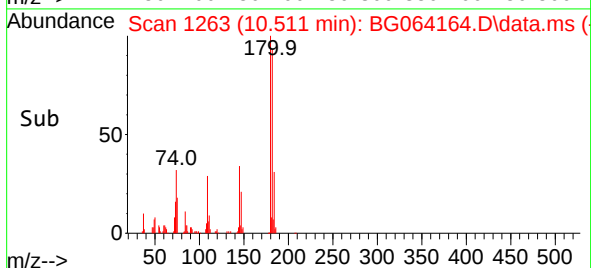
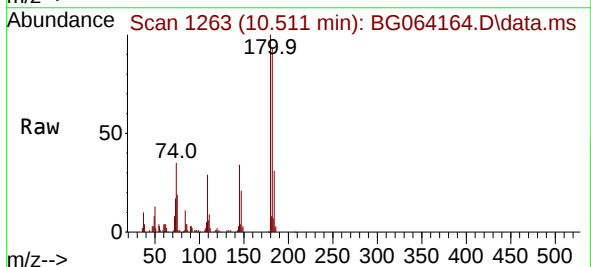


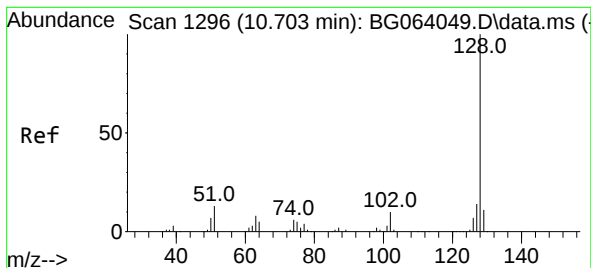
Tgt Ion:162 Resp: 88857
Ion Ratio Lower Upper
162 100
164 68.0 42.8 82.8
98 39.5 19.1 59.1



#30
1,2,4-Trichlorobenzene
Concen: 39.309 ng
RT: 10.511 min Scan# 1263
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

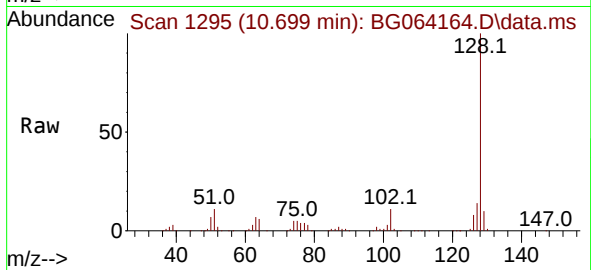
Tgt Ion:180 Resp: 98879
Ion Ratio Lower Upper
180 100
182 92.7 77.3 115.9
145 33.9 25.2 37.8



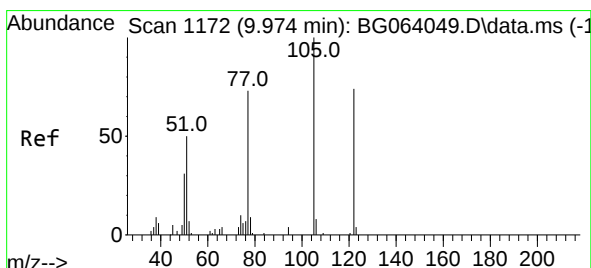
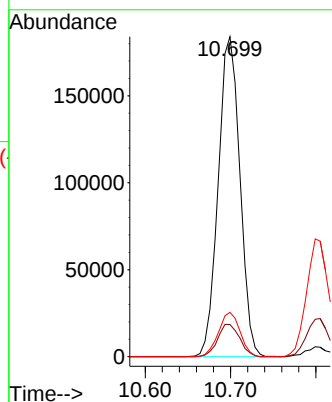
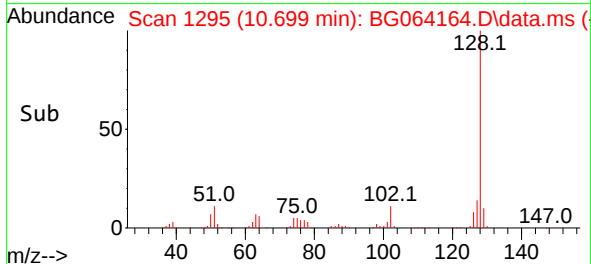


#31
Naphthalene
Concen: 39.722 ng
RT: 10.699 min Scan# 1170
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

Instrument :
BNA_G
ClientSampleId :

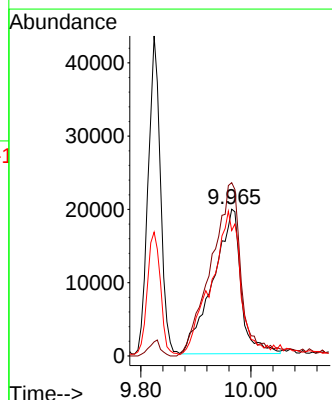
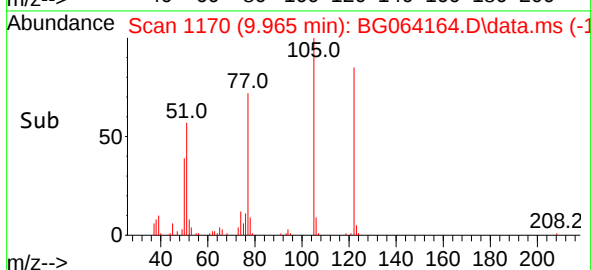
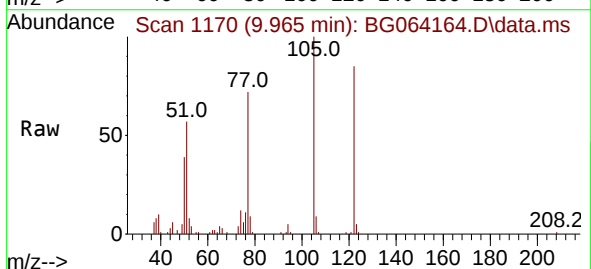


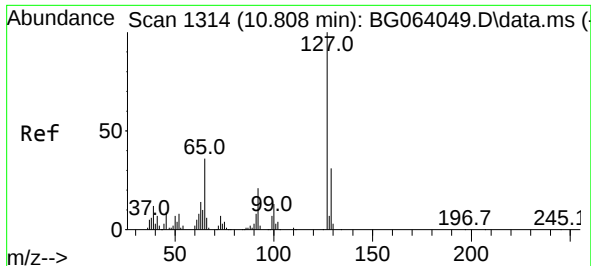
Tgt Ion:128 Resp: 325532
Ion Ratio Lower Upper
128 100
129 10.0 8.4 12.6
127 13.9 11.1 16.7



#32
Benzoic acid
Concen: 46.179 ng
RT: 9.965 min Scan# 1170
Delta R.T. -0.009 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

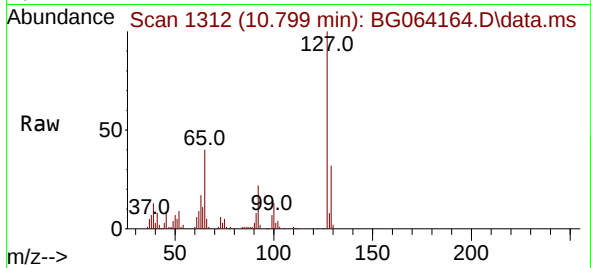
Tgt Ion:122 Resp: 69369
Ion Ratio Lower Upper
122 100
105 118.0 115.0 155.0
77 85.5 80.9 120.9



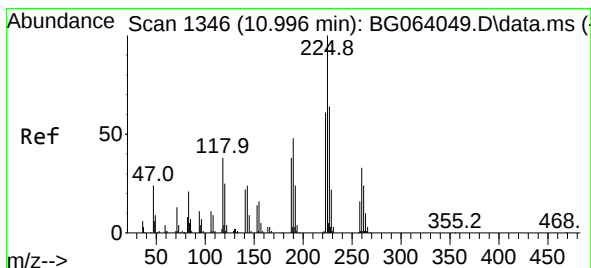
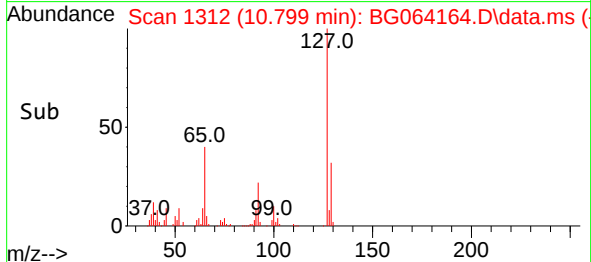
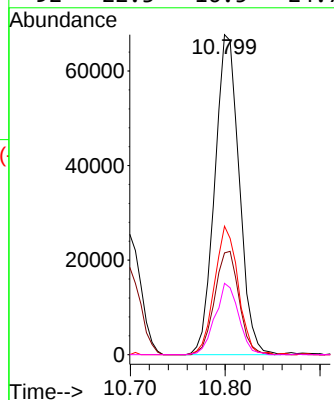


#33
4-Chloroaniline
Concen: 40.475 ng
RT: 10.799 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

Instrument :
BNA_G
ClientSampleId :

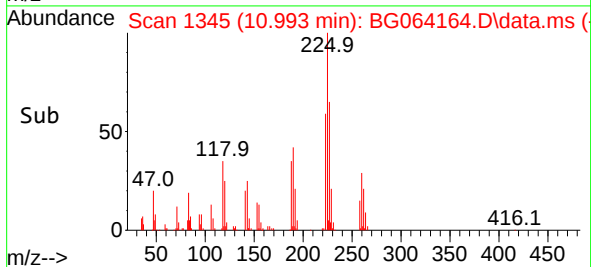
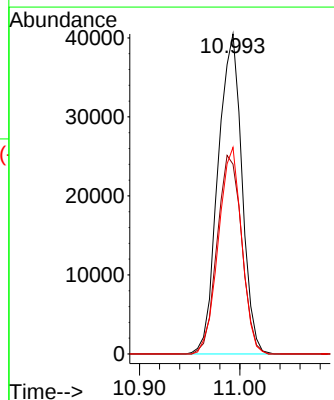
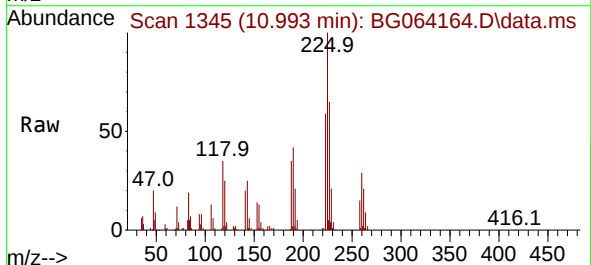


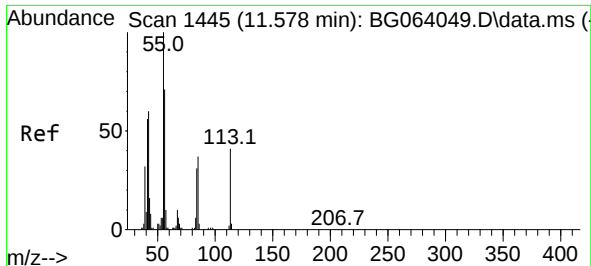
Tgt Ion:	127	Resp:	121235
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.0	37.4
65	40.1	28.5	42.7
92	22.3	16.5	24.7



#34
Hexachlorobutadiene
Concen: 40.574 ng
RT: 10.993 min Scan# 1345
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

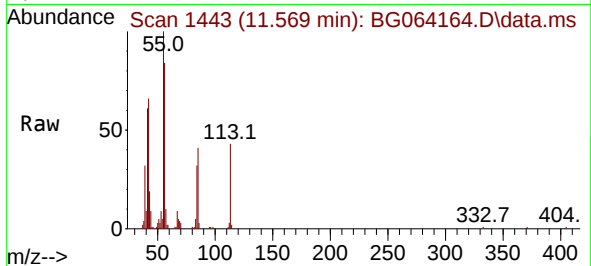
Tgt Ion:	225	Resp:	66897
Ion	Ratio	Lower	Upper
225	100		
223	59.3	48.5	72.7
227	64.5	51.0	76.6



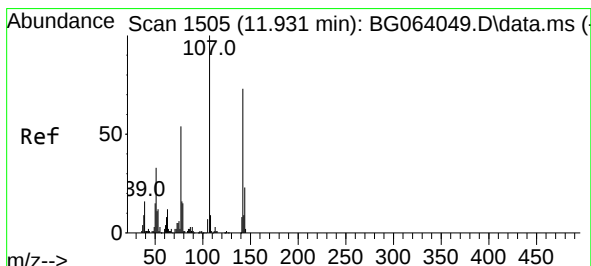
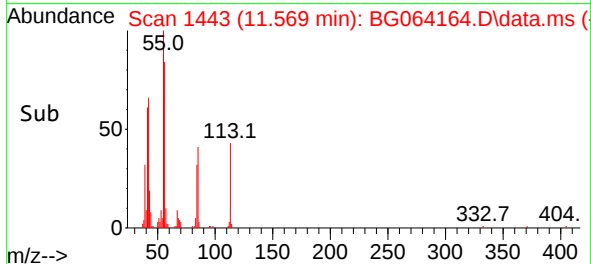
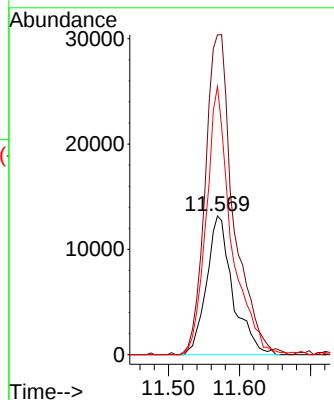


#35
Caprolactam
Concen: 42.361 ng
RT: 11.569 min Scan# 1443
Delta R.T. -0.009 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

Instrument :
BNA_G
ClientSampleId :

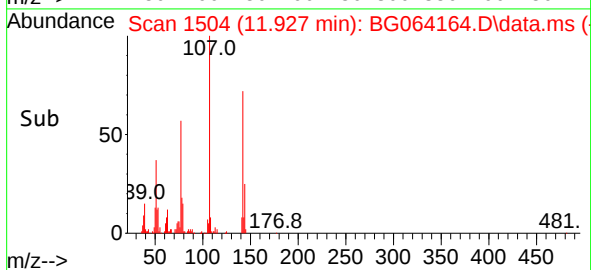
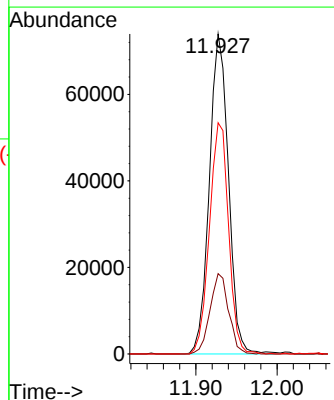
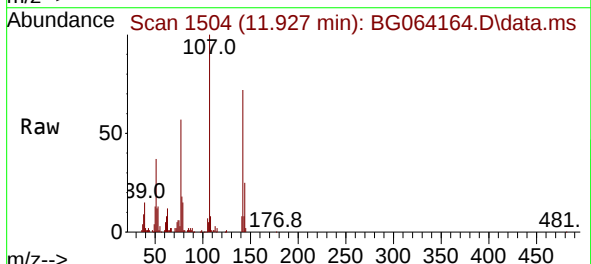


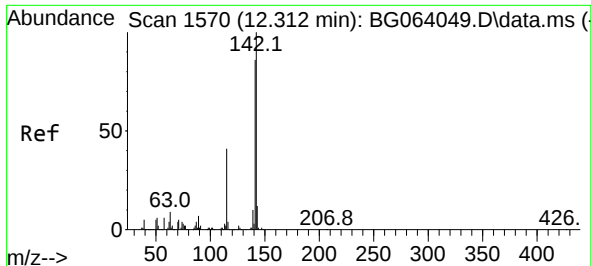
Tgt Ion:113 Resp: 33826
Ion Ratio Lower Upper
113 100
55 230.4 225.2 265.2
56 193.2 153.4 193.4



#36
4-Chloro-3-methylphenol
Concen: 44.169 ng
RT: 11.927 min Scan# 1504
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

Tgt Ion:107 Resp: 120643
Ion Ratio Lower Upper
107 100
144 25.1 18.6 28.0
142 72.2 58.0 87.0

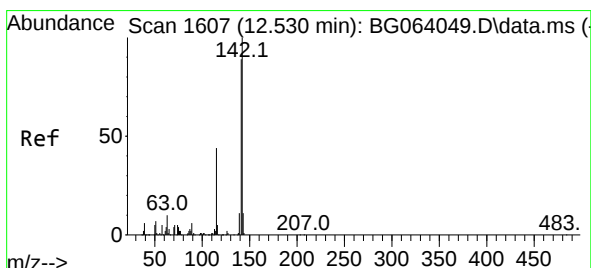
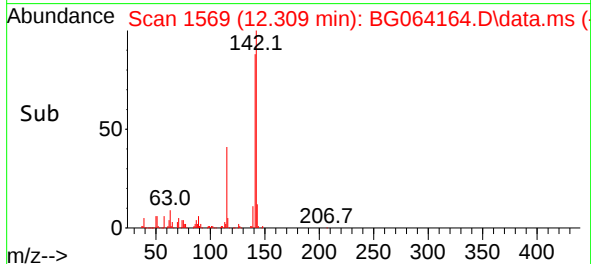
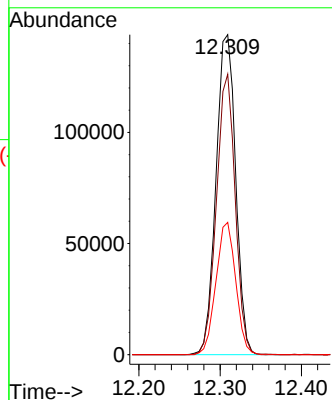
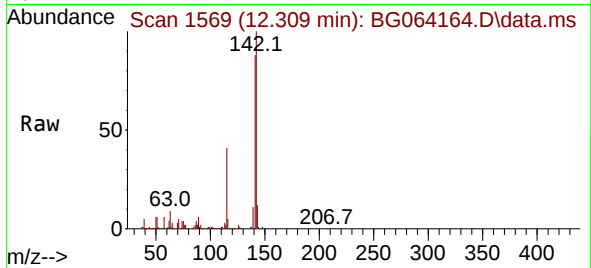




#37
2-Methylnaphthalene
Concen: 41.937 ng
RT: 12.309 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

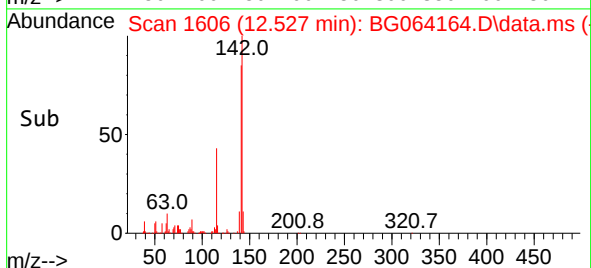
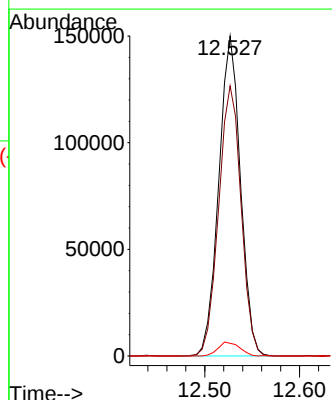
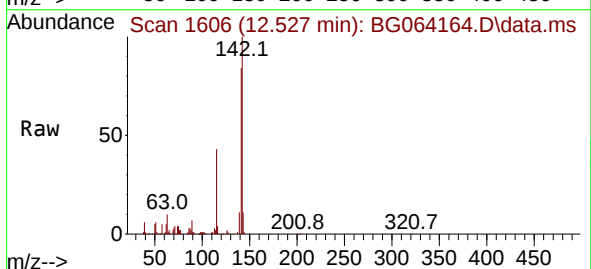
Instrument :
BNA_G
ClientSampleId :

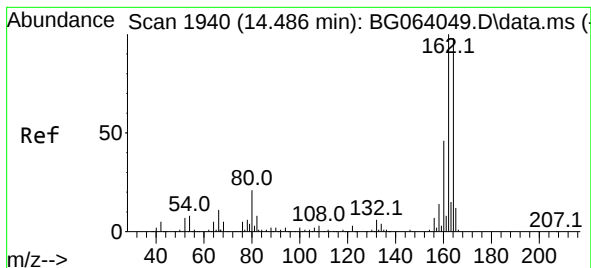
Tgt Ion:142 Resp: 242629
Ion Ratio Lower Upper
142 100
141 87.6 68.6 103.0
115 41.4 32.8 49.2



#38
1-Methylnaphthalene
Concen: 42.088 ng
RT: 12.527 min Scan# 1606
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

Tgt Ion:142 Resp: 238561
Ion Ratio Lower Upper
142 100
141 84.4 71.2 106.8
116 3.9 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.483 min Scan# 1940

Delta R.T. -0.003 min

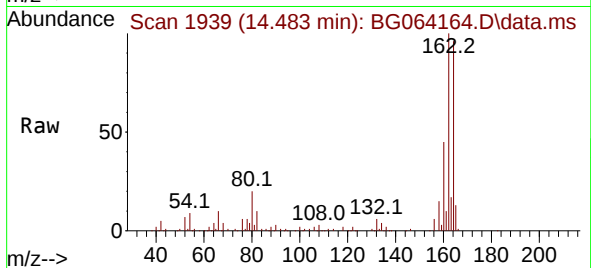
Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

Instrument :

BNA_G

ClientSampleId :



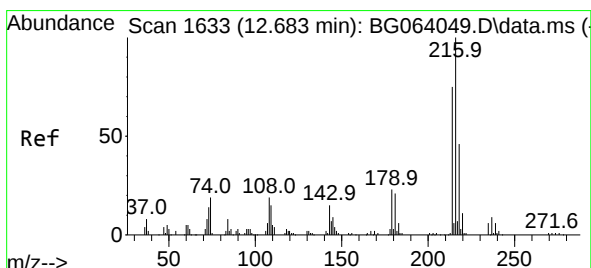
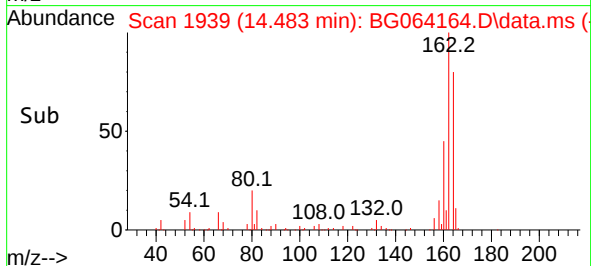
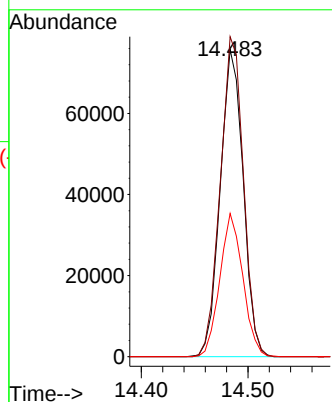
Tgt Ion:164 Resp: 113011

Ion Ratio Lower Upper

164 100

162 104.2 81.4 122.0

160 46.6 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.010 ng

RT: 12.679 min Scan# 1632

Delta R.T. -0.003 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

Tgt Ion:216 Resp: 125862

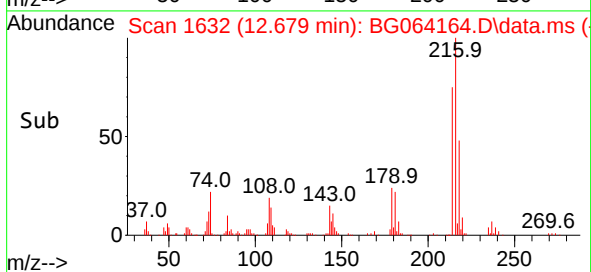
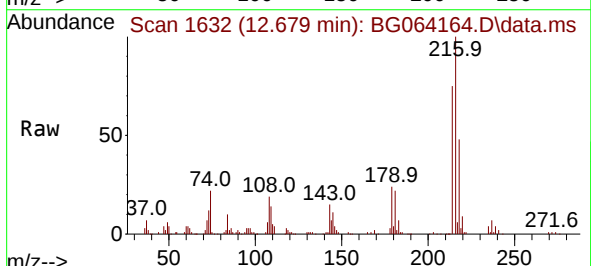
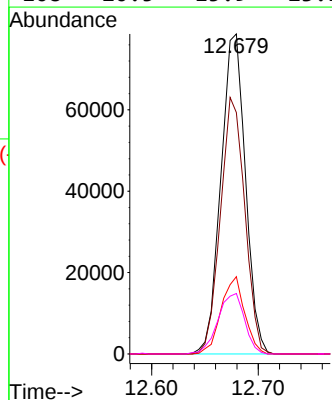
Ion Ratio Lower Upper

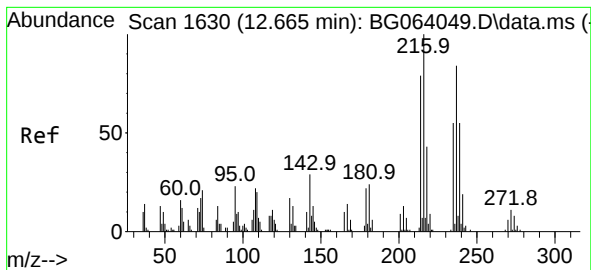
216 100

214 79.3 61.7 92.5

179 23.2 17.9 26.9

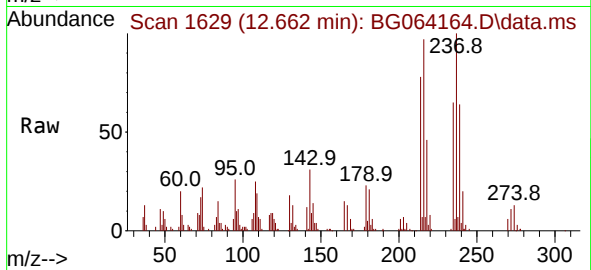
108 20.5 15.9 23.9



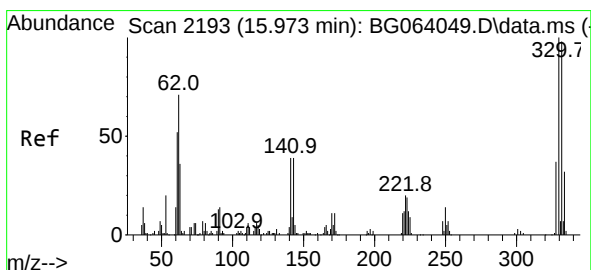
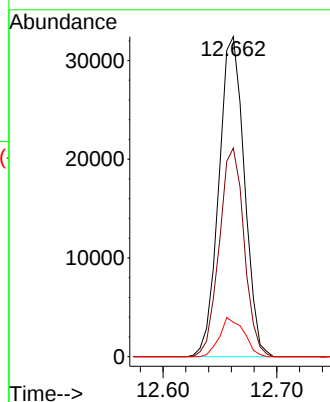
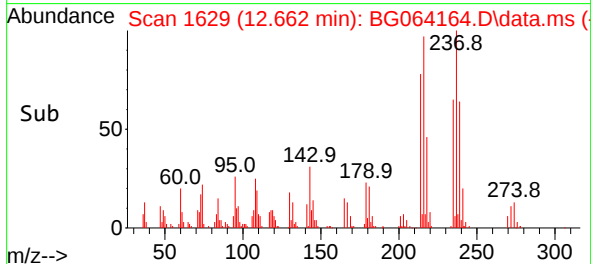


#41
Hexachlorocyclopentadiene
Concen: 55.656 ng
RT: 12.662 min Scan# 1629
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

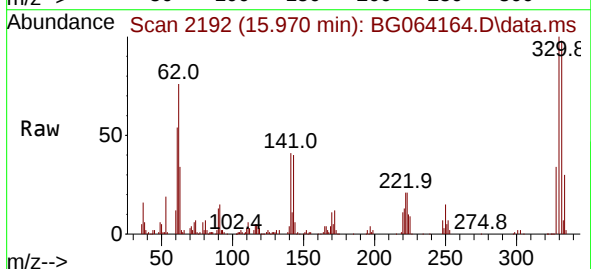
Instrument :
BNA_G
ClientSampleId :



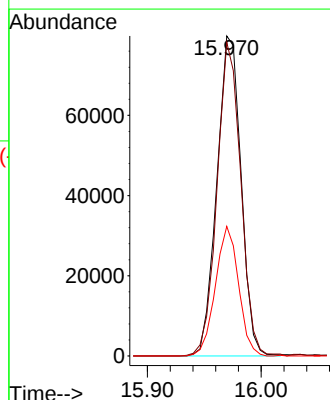
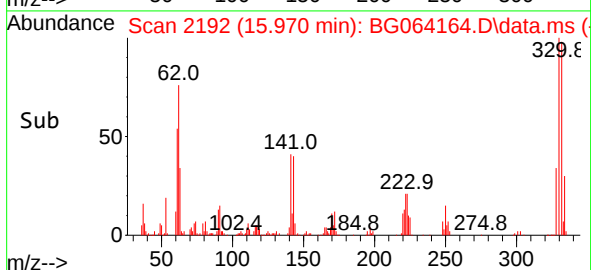
Tgt Ion	Ratio	Lower	Upper
237	100		
235	65.2	46.0	86.0
272	10.8	0.0	32.8

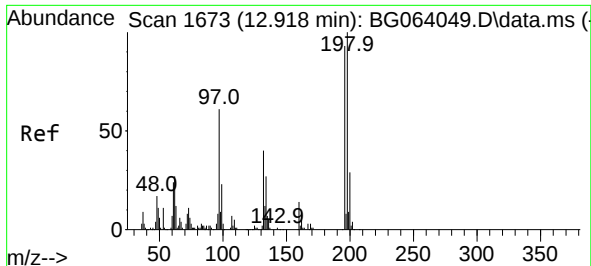


#42
2,4,6-Tribromophenol
Concen: 93.837 ng
RT: 15.970 min Scan# 2192
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04



Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.7	115.1
141	38.7	29.7	44.5

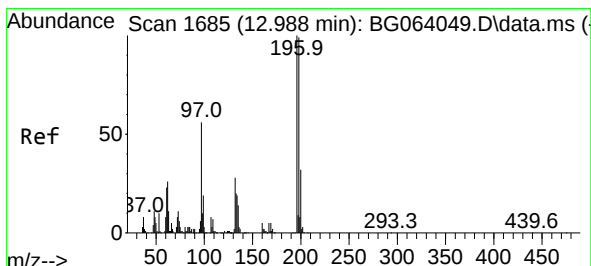
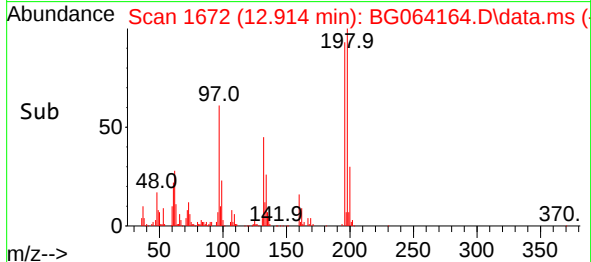
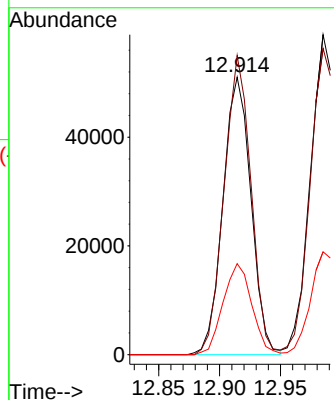
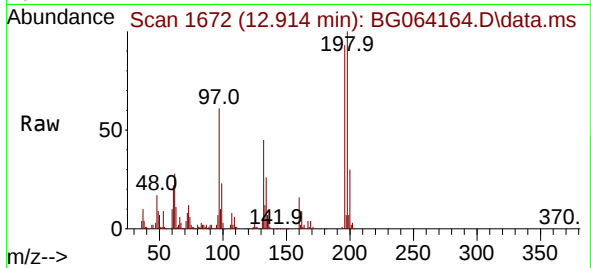




#43
2,4,6-Trichlorophenol
Concen: 42.978 ng
RT: 12.914 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

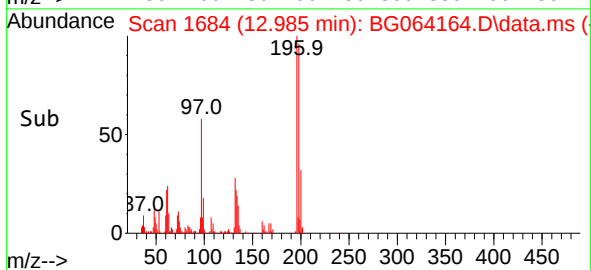
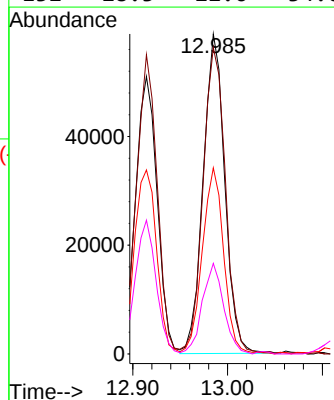
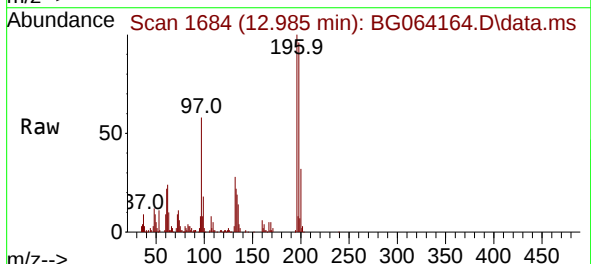
Instrument :
BNA_G
ClientSampleId :

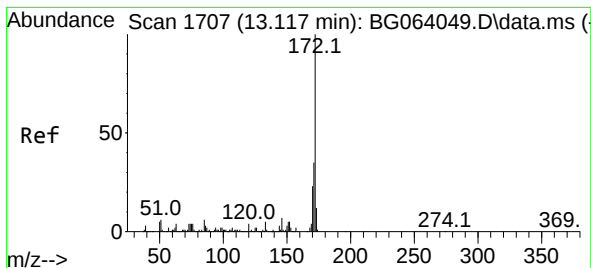
Tgt Ion:196 Resp: 81723
Ion Ratio Lower Upper
196 100
198 107.9 85.6 128.4
200 32.8 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 43.945 ng
RT: 12.985 min Scan# 1684
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

Tgt Ion:196 Resp: 92850
Ion Ratio Lower Upper
196 100
198 95.7 79.5 119.3
97 58.2 45.2 67.8
132 28.3 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 78.142 ng

RT: 13.108 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

Instrument :

BNA_G

ClientSampleId :

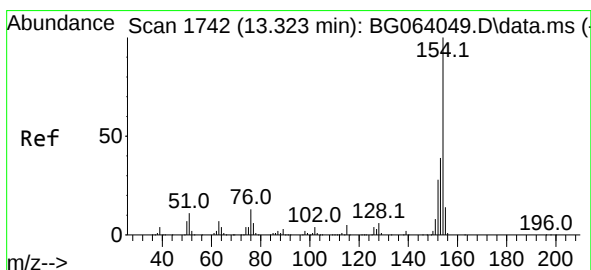
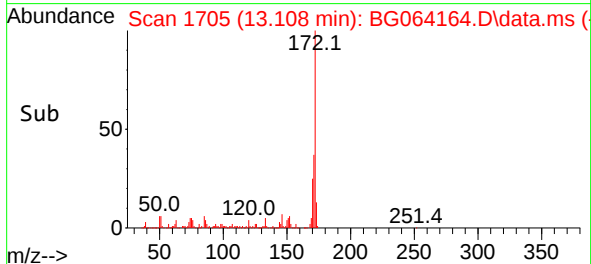
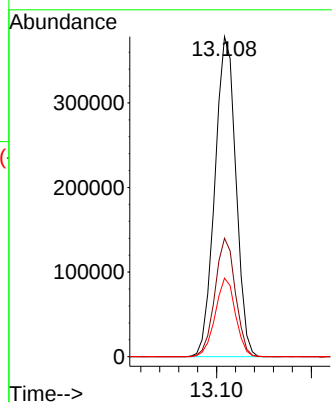
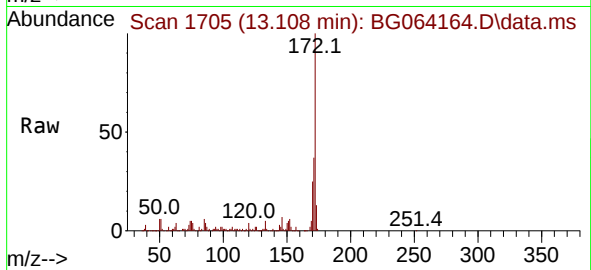
Tgt Ion:172 Resp: 581791

Ion Ratio Lower Upper

172 100

171 37.0 28.0 42.0

170 24.5 18.7 28.1



#46

1,1'-Biphenyl

Concen: 38.424 ng

RT: 13.320 min Scan# 1741

Delta R.T. -0.003 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

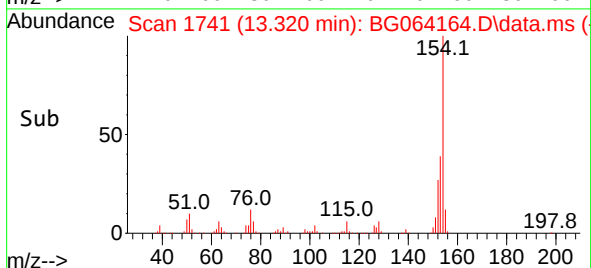
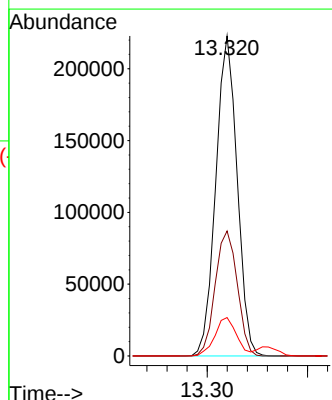
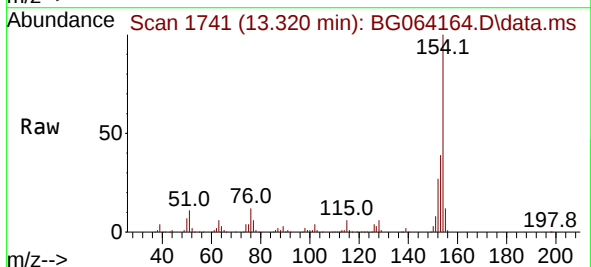
Tgt Ion:154 Resp: 328066

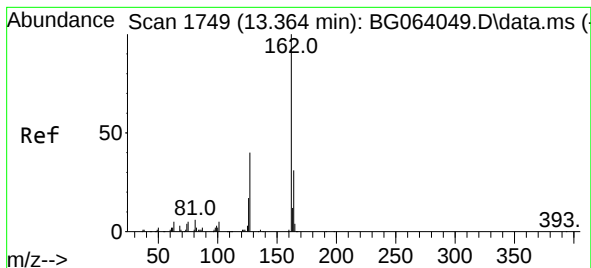
Ion Ratio Lower Upper

154 100

153 39.1 19.5 59.5

76 12.0 0.0 33.5

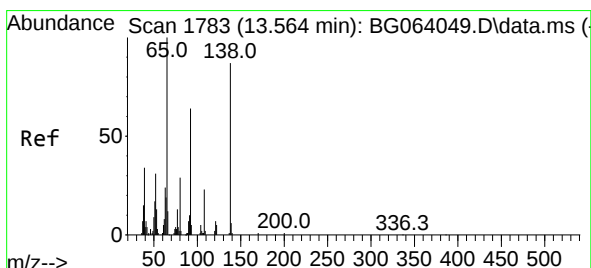
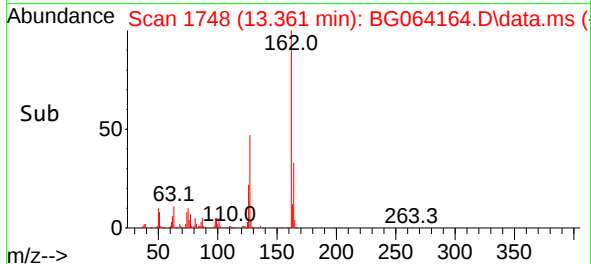
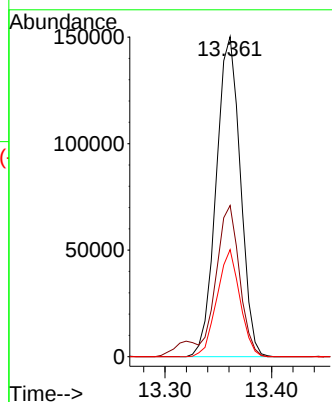
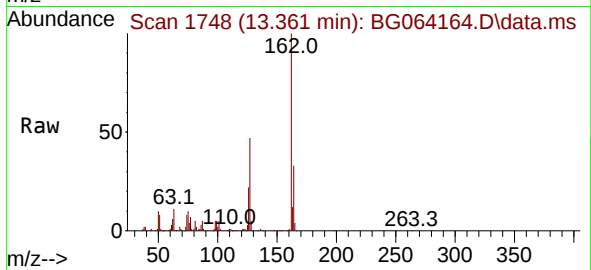




#47
2-Chloronaphthalene
Concen: 37.945 ng
RT: 13.361 min Scan# 1748
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

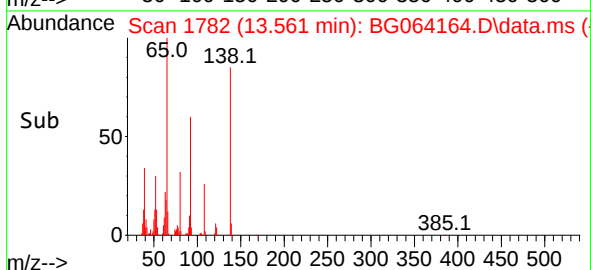
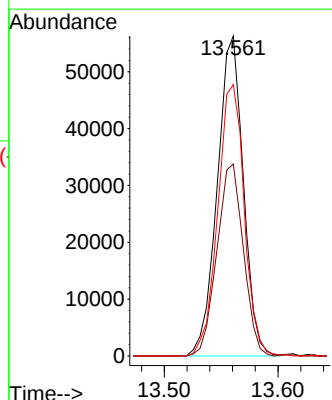
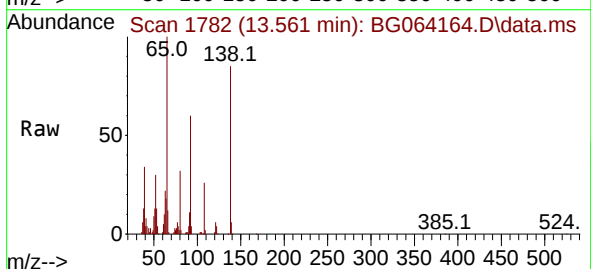
Instrument :
BNA_G
ClientSampleId :

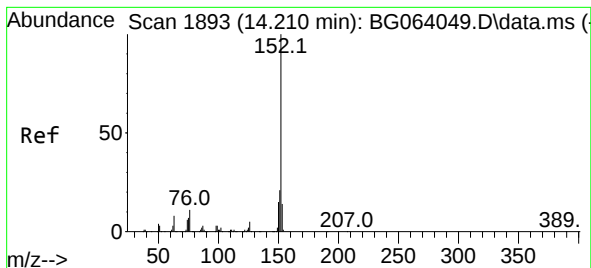
Tgt Ion:162 Resp: 236288
Ion Ratio Lower Upper
162 100
127 47.2 35.0 52.4
164 33.4 25.0 37.6



#48
2-Nitroaniline
Concen: 44.074 ng
RT: 13.561 min Scan# 1782
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

Tgt Ion: 65 Resp: 89492
Ion Ratio Lower Upper
65 100
92 60.0 51.2 76.8
138 84.8 69.4 104.2





#49

Acenaphthylene

Concen: 38.382 ng

RT: 14.207 min Scan# 1892

Delta R.T. -0.003 min

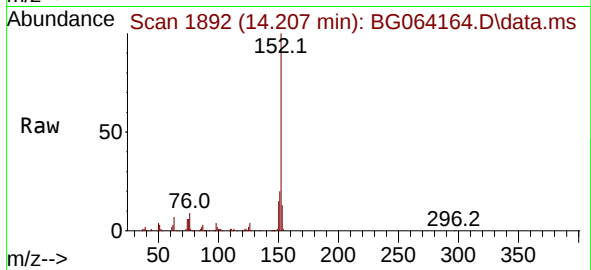
Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

Instrument :

BNA_G

ClientSampleId :



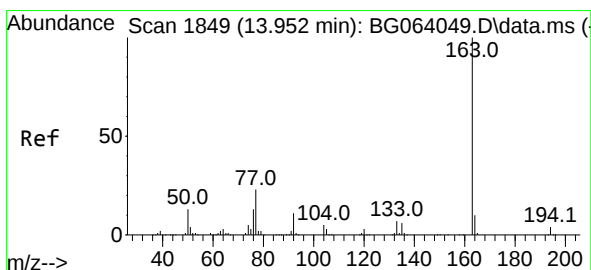
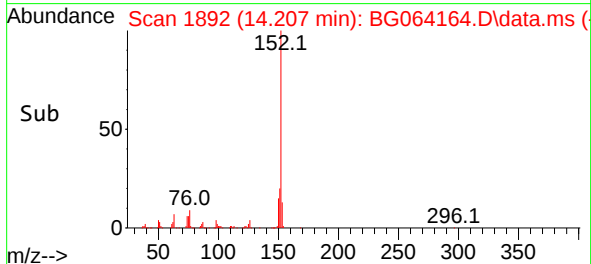
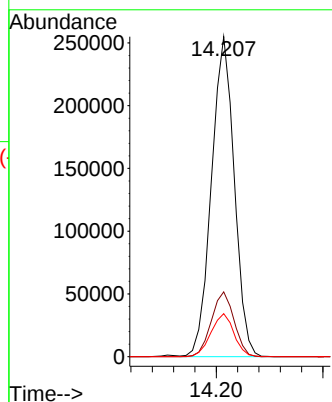
Tgt Ion:152 Resp: 378041

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

153 13.5 10.9 16.3



#50

Dimethylphthalate

Concen: 39.426 ng

RT: 13.943 min Scan# 1847

Delta R.T. -0.009 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

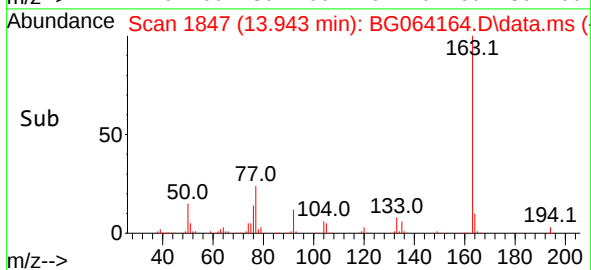
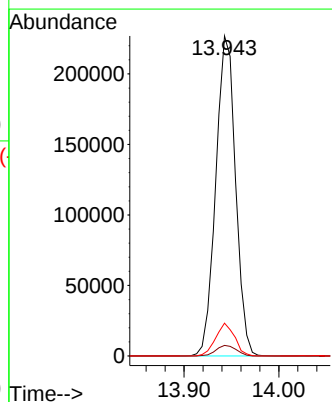
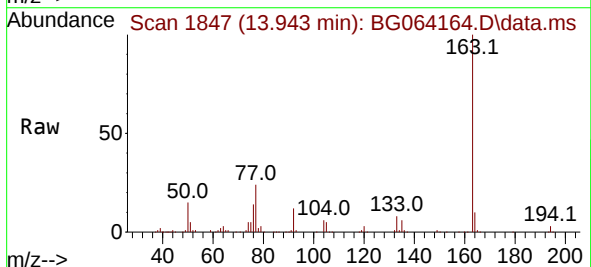
Tgt Ion:163 Resp: 328899

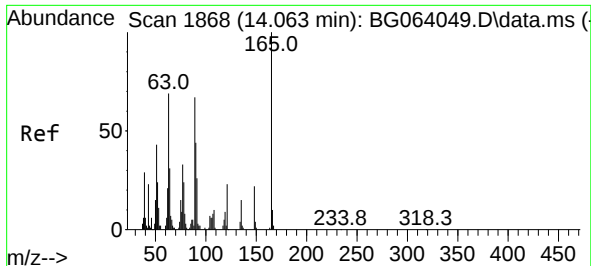
Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

164 10.2 8.2 12.2

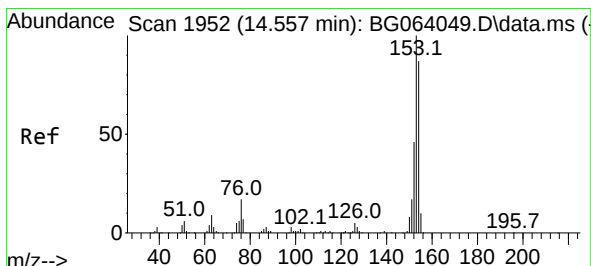
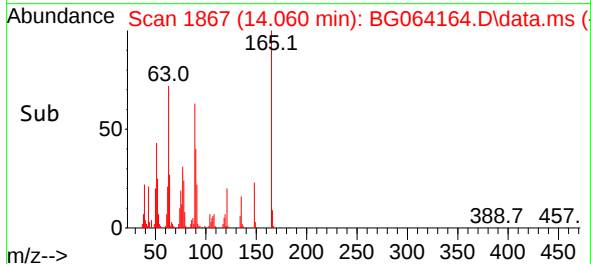
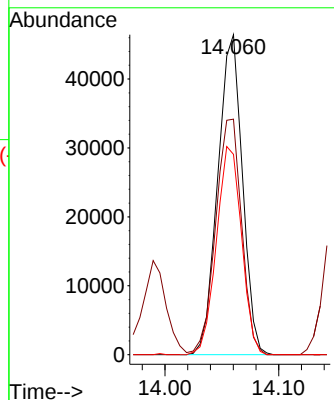
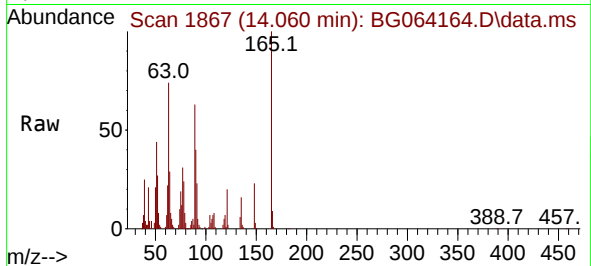




#51
2,6-Dinitrotoluene
Concen: 41.696 ng
RT: 14.060 min Scan# 1868
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

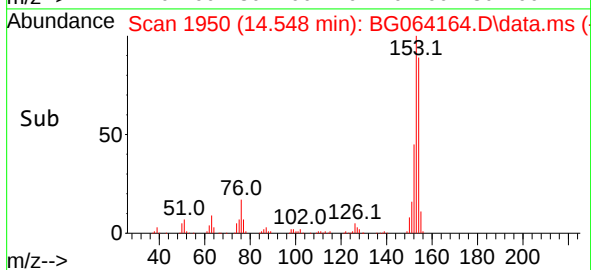
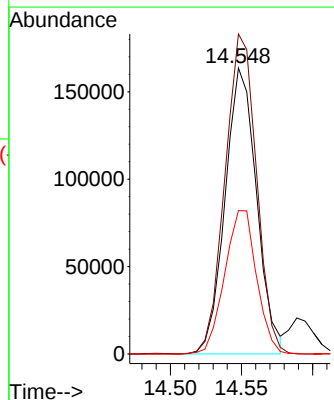
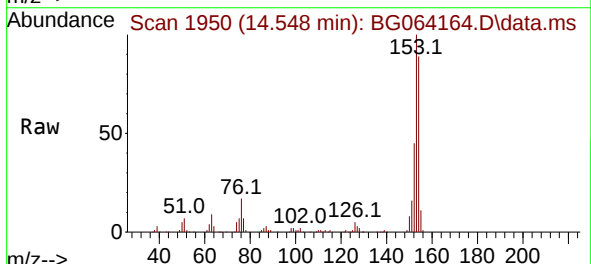
Instrument :
BNA_G
ClientSampleId :

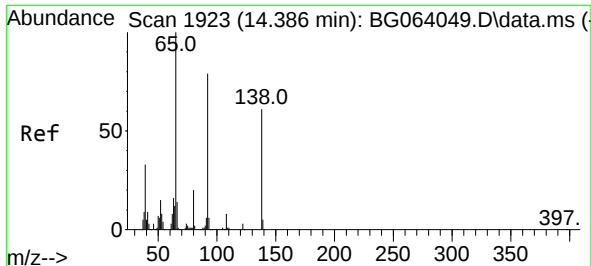
Tgt Ion:165 Resp: 69764
Ion Ratio Lower Upper
165 100
63 73.6 56.7 85.1
89 62.6 53.7 80.5



#52
Acenaphthene
Concen: 38.229 ng
RT: 14.548 min Scan# 1950
Delta R.T. -0.009 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

Tgt Ion:154 Resp: 252698
Ion Ratio Lower Upper
154 100
153 111.9 91.6 137.4
152 50.1 42.5 63.7

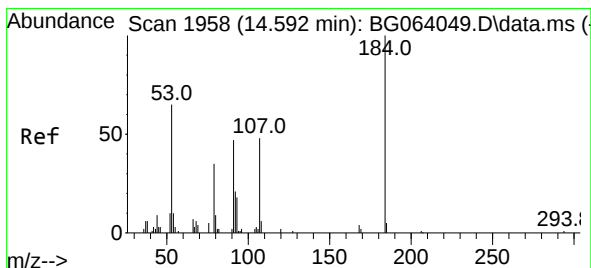
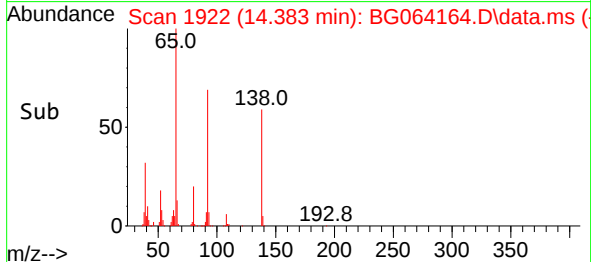
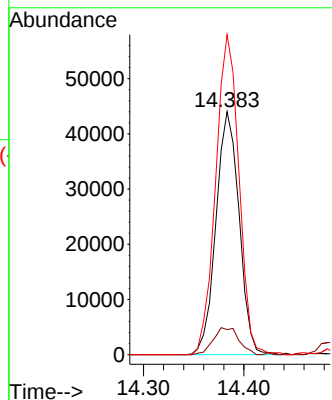
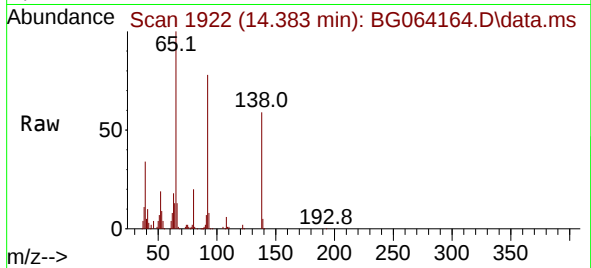




#53
3-Nitroaniline
Concen: 43.696 ng
RT: 14.383 min Scan# 1922
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

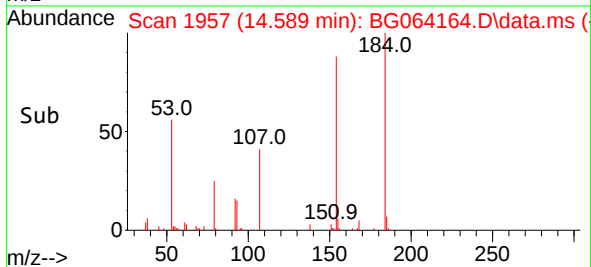
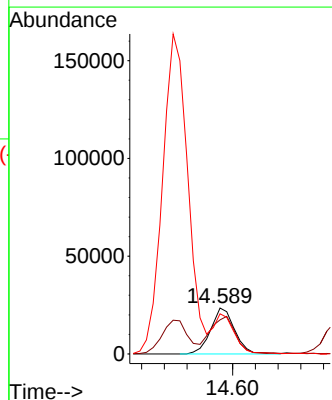
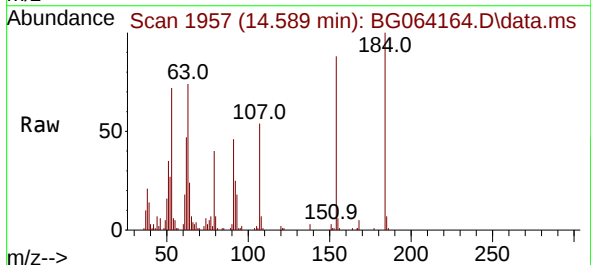
Instrument :
BNA_G
ClientSampleId :

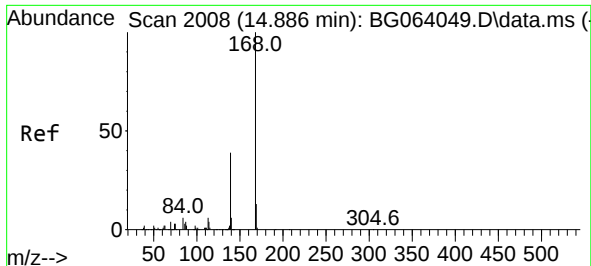
Tgt Ion:138 Resp: 70451
Ion Ratio Lower Upper
138 100
108 10.3 10.1 15.1
92 131.7 104.1 156.1



#54
2,4-Dinitrophenol
Concen: 51.990 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

Tgt Ion:184 Resp: 34525
Ion Ratio Lower Upper
184 100
63 74.3 57.5 86.3
154 87.6 52.3 78.5#

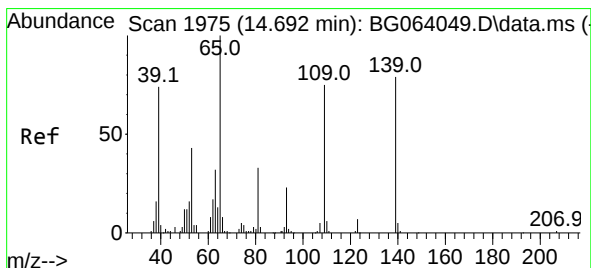
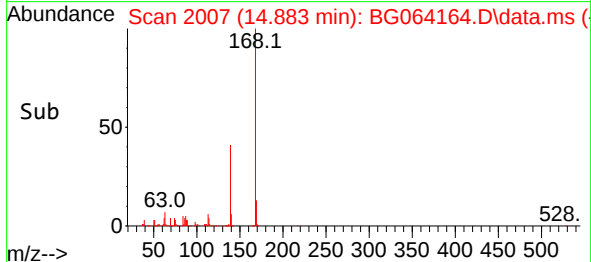
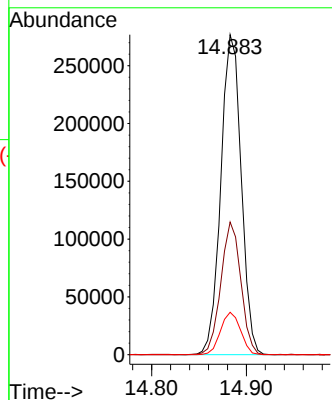
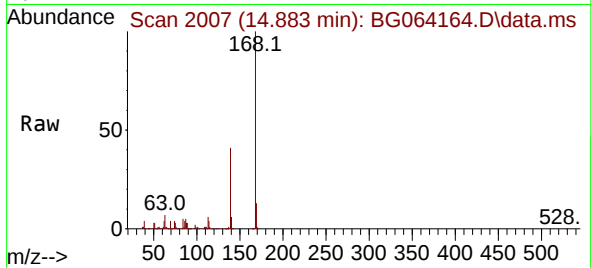




#55
Dibenzenofuran
Concen: 38.644 ng
RT: 14.883 min Scan# 2008
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

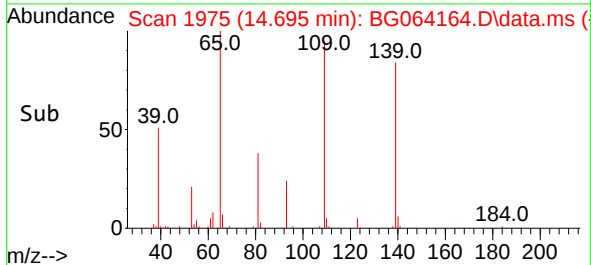
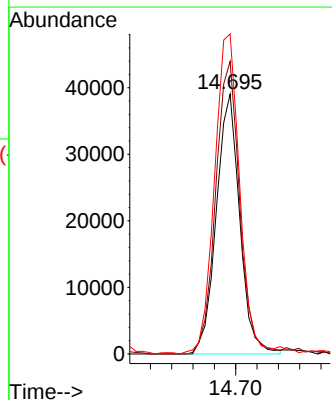
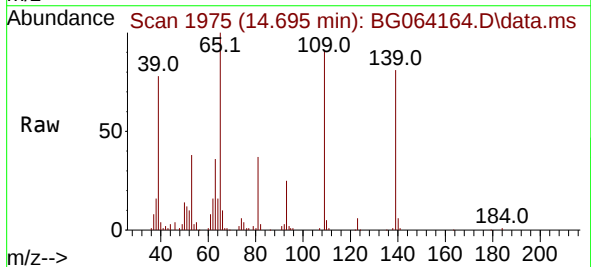
Instrument :
BNA_G
ClientSampleId :

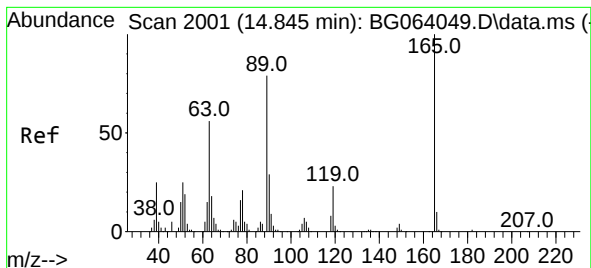
Tgt Ion:168 Resp: 413808
Ion Ratio Lower Upper
168 100
139 41.5 31.1 46.7
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 44.070 ng
RT: 14.695 min Scan# 1975
Delta R.T. 0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

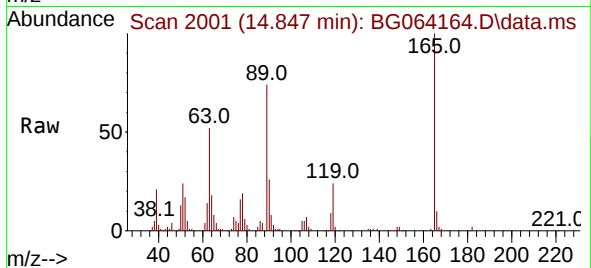
Tgt Ion:139 Resp: 59592
Ion Ratio Lower Upper
139 100
109 112.6 74.9 114.9
65 123.1 106.8 146.8



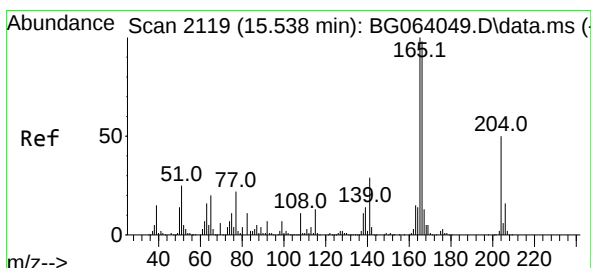
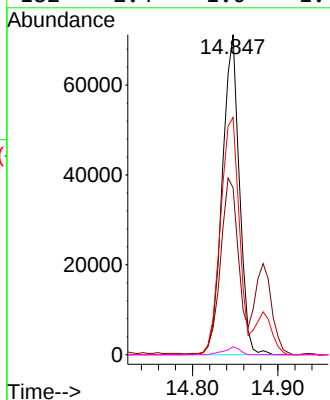
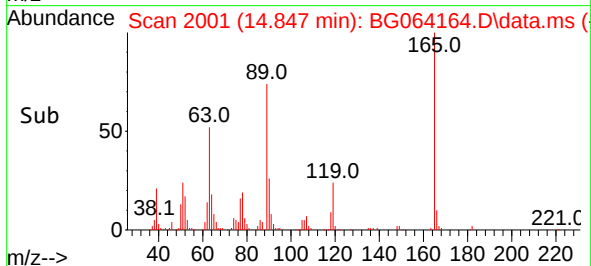


#57
2,4-Dinitrotoluene
Concen: 42.785 ng
RT: 14.847 min Scan# 2001
Delta R.T. 0.002 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

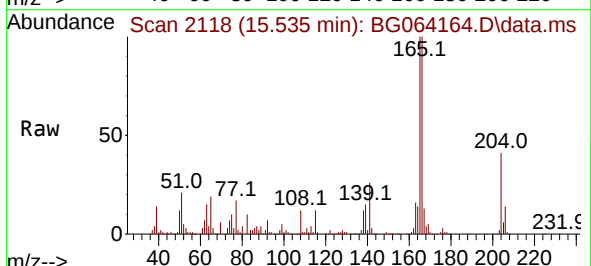
Instrument :
BNA_G
ClientSampleId :



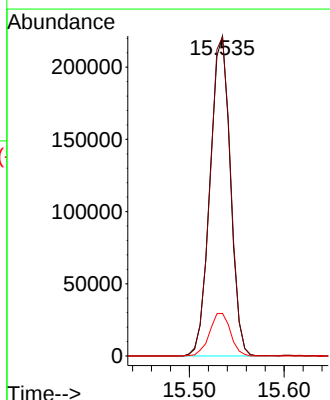
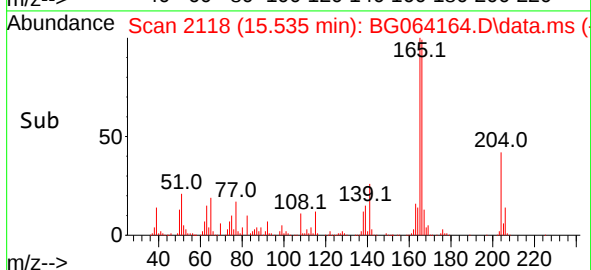
Tgt Ion:165 Resp: 98910
Ion Ratio Lower Upper
165 100
63 52.2 45.0 67.6
89 74.2 63.1 94.7
182 2.4 1.0 1.4#

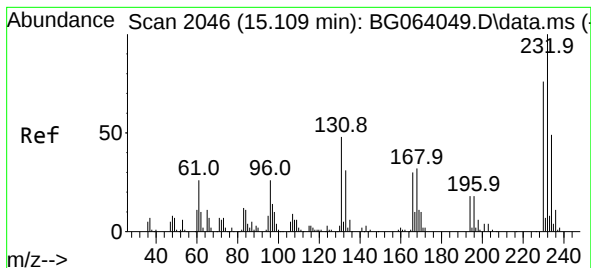


#58
Fluorene
Concen: 39.423 ng
RT: 15.535 min Scan# 2118
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04



Tgt Ion:166 Resp: 328800
Ion Ratio Lower Upper
166 100
165 99.7 81.8 122.8
167 13.3 10.8 16.2

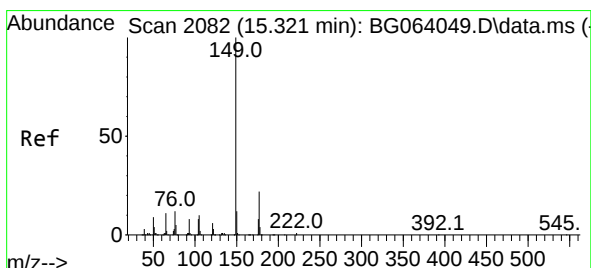
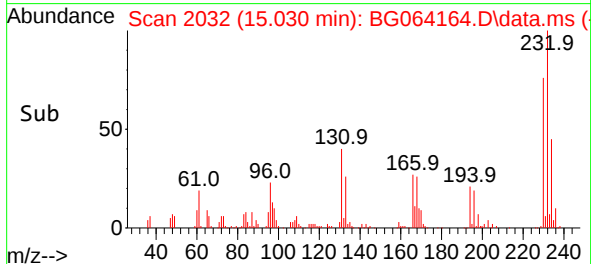
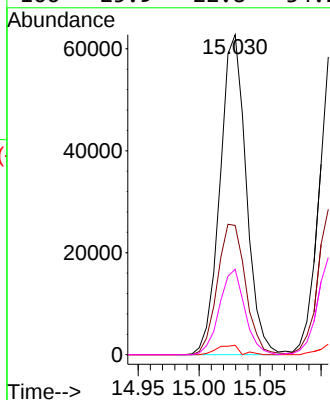
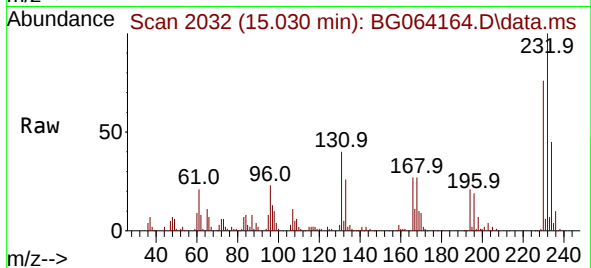




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.389 ng
RT: 15.030 min Scan# 2046
Delta R.T. -0.080 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

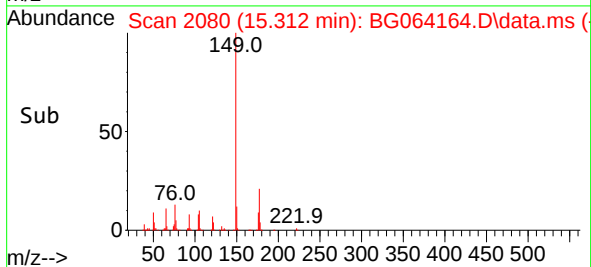
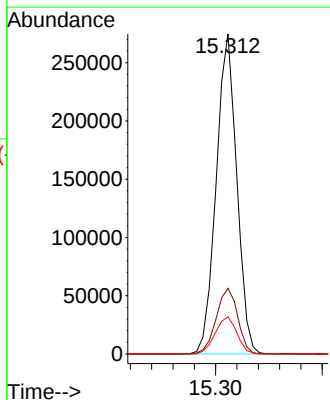
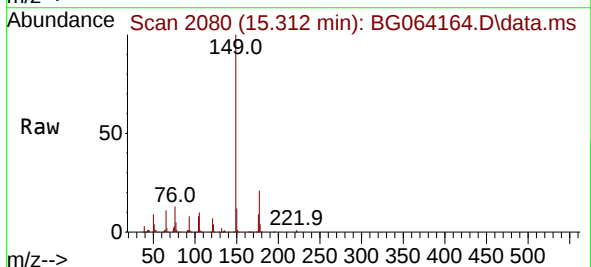
Instrument :
BNA_G
ClientSampleId :

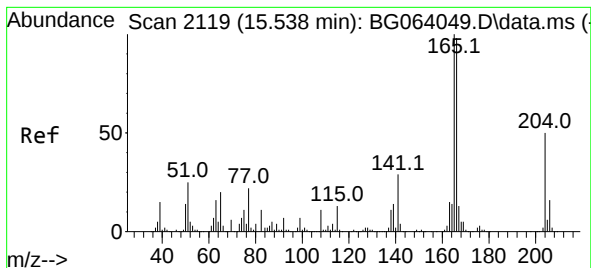
Tgt Ion:232 Resp: 93492
Ion Ratio Lower Upper
232 100
131 44.0 36.3 54.5
130 2.6 1.9 2.9
166 25.9 22.8 34.2



#60
Diethylphthalate
Concen: 40.534 ng
RT: 15.312 min Scan# 2080
Delta R.T. -0.009 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

Tgt Ion:149 Resp: 367087
Ion Ratio Lower Upper
149 100
177 20.5 17.4 26.2
150 11.6 9.4 14.2

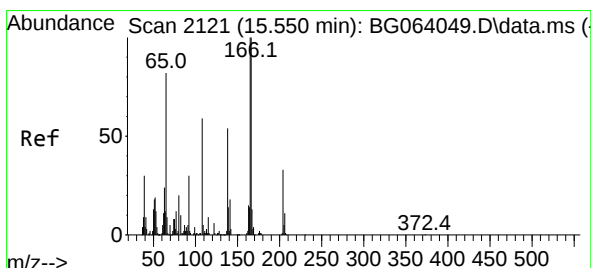
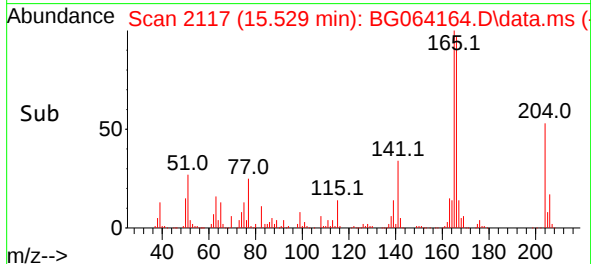
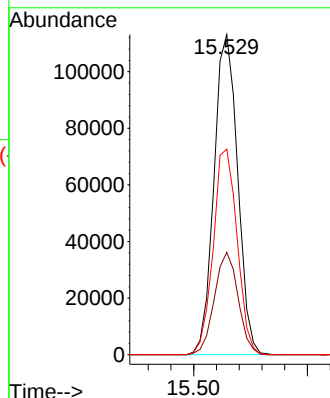
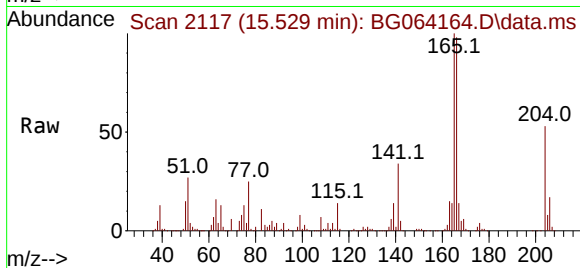




#61
4-Chlorophenyl-phenylether
Concen: 39.373 ng
RT: 15.529 min Scan# 2117
Delta R.T. -0.009 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

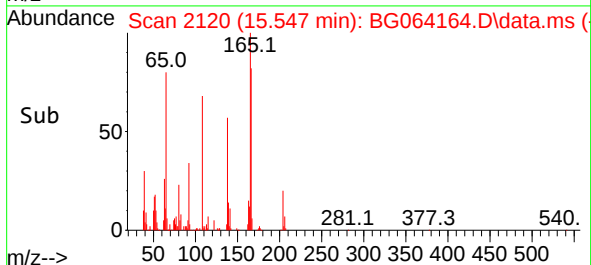
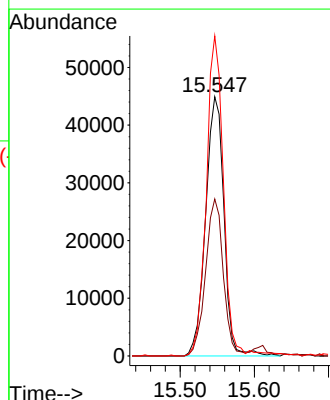
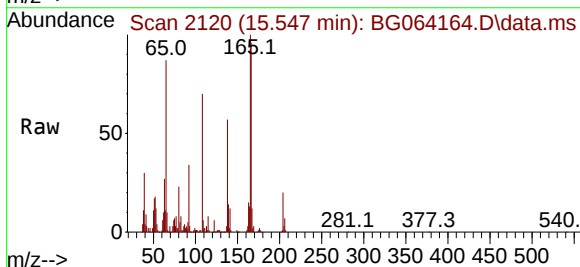
Instrument :
BNA_G
ClientSampleId :

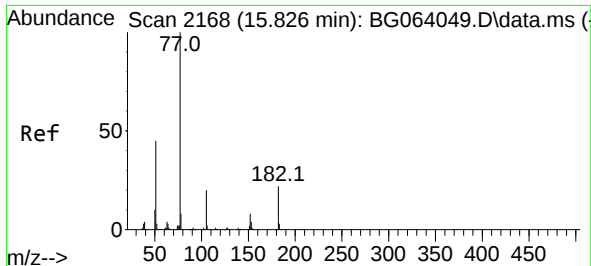
Tgt Ion:204 Resp: 163185
Ion Ratio Lower Upper
204 100
206 32.0 25.5 38.3
141 64.3 45.4 68.0



#62
4-Nitroaniline
Concen: 44.300 ng
RT: 15.547 min Scan# 2120
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

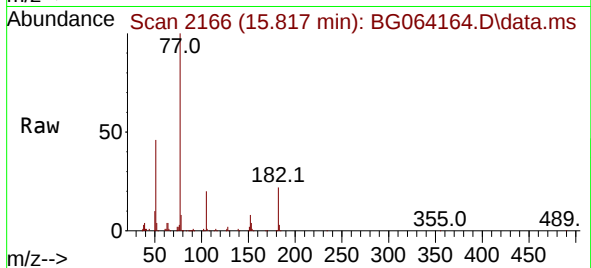
Tgt Ion:138 Resp: 77114
Ion Ratio Lower Upper
138 100
92 60.5 36.1 76.1
108 123.4 87.9 127.9



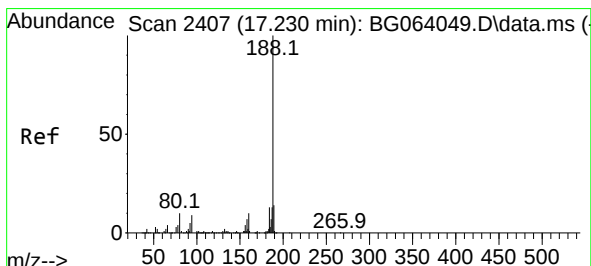
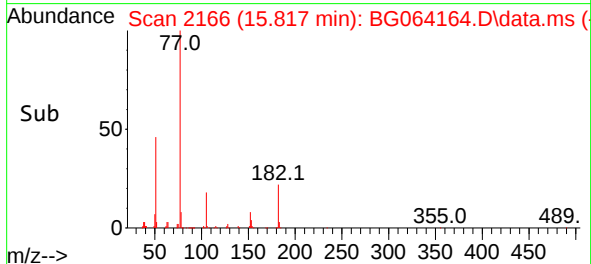
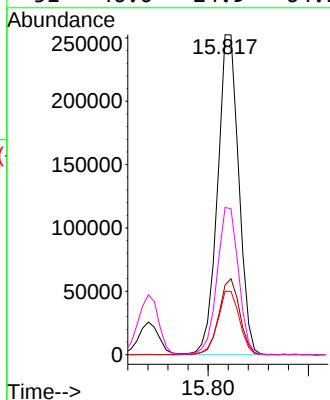


#63
Azobenzene
Concen: 38.258 ng
RT: 15.817 min Scan# 2166
Delta R.T. -0.009 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

Instrument :
BNA_G
ClientSampleId :

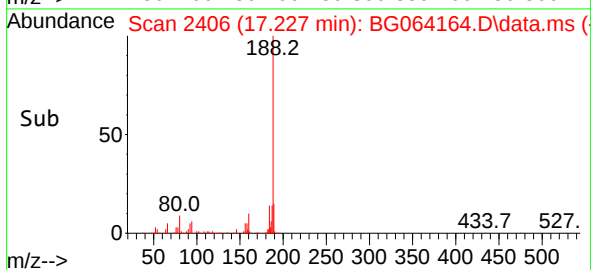
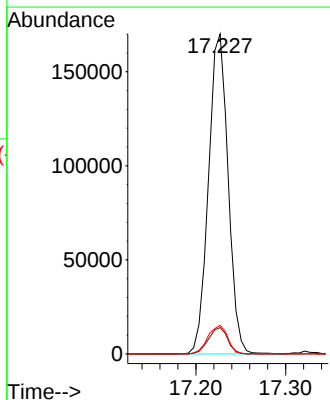
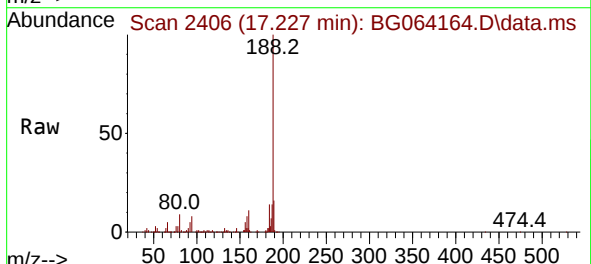


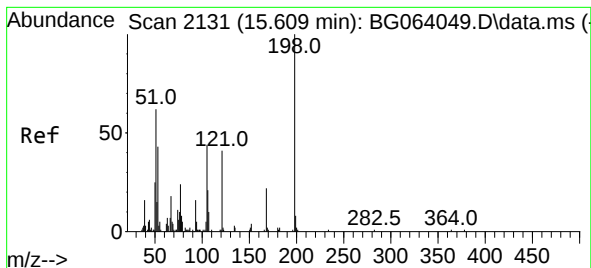
Tgt Ion: 77	Resp: 369721
Ion Ratio	Lower Upper
77 100	
182 21.8	2.4 42.4
105 19.8	0.0 40.0
51 46.0	24.9 64.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

Tgt	Ion:188	Resp:	257861
Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	9.0	8.1	12.1

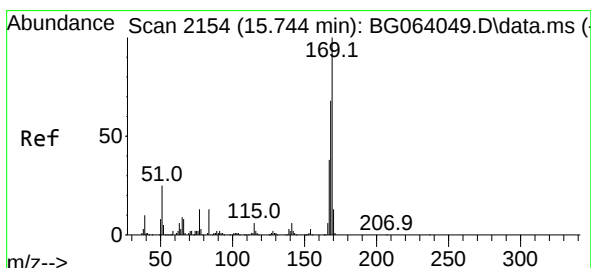
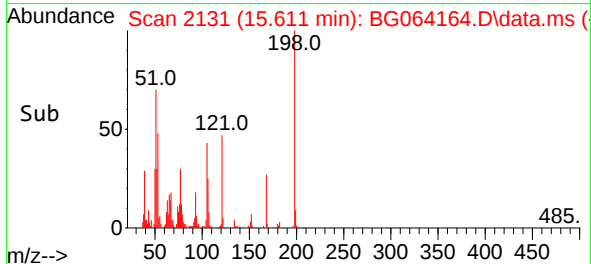
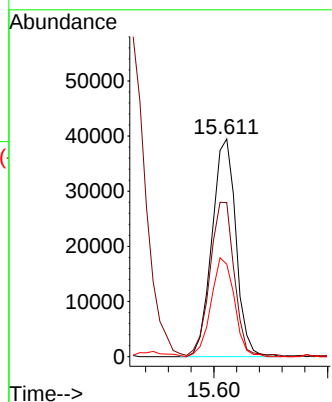
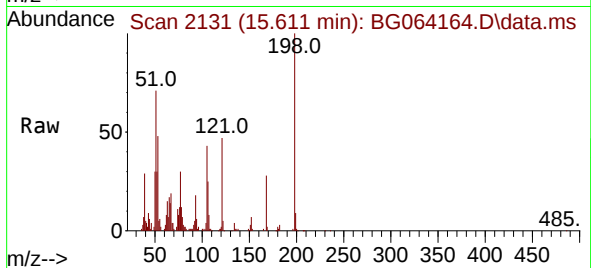




#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.147 ng
 RT: 15.611 min Scan# 2131
 Delta R.T. 0.002 min
 Lab File: BG064164.D
 Acq: 3 Apr 2025 13:04

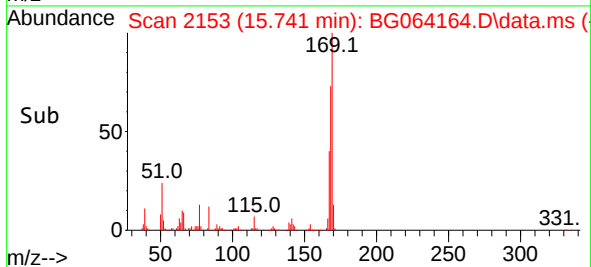
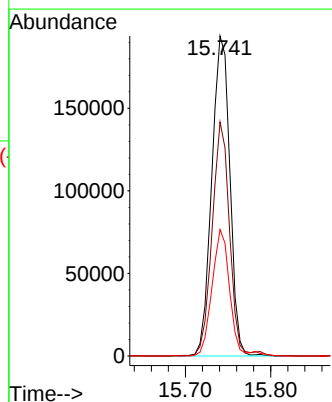
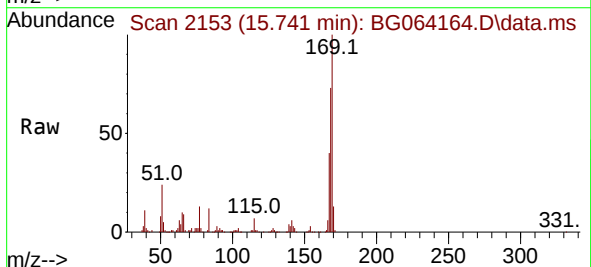
Instrument :
 BNA_G
 ClientSampleId :

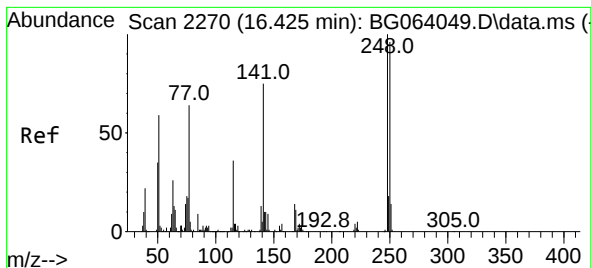
Tgt Ion:198 Resp: 57696
 Ion Ratio Lower Upper
 198 100
 51 70.7 45.6 85.6
 105 42.5 25.3 65.3



#66
 n-Nitrosodiphenylamine
 Concen: 39.119 ng
 RT: 15.741 min Scan# 2153
 Delta R.T. -0.003 min
 Lab File: BG064164.D
 Acq: 3 Apr 2025 13:04

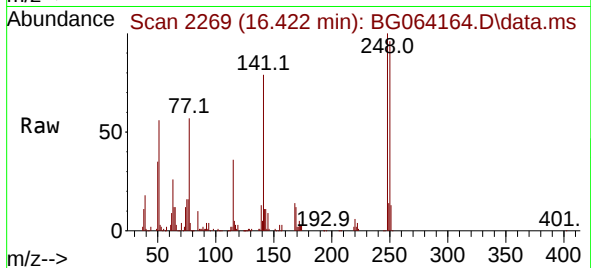
Tgt Ion:169 Resp: 285532
 Ion Ratio Lower Upper
 169 100
 168 73.1 54.1 81.1
 167 39.5 30.3 45.5



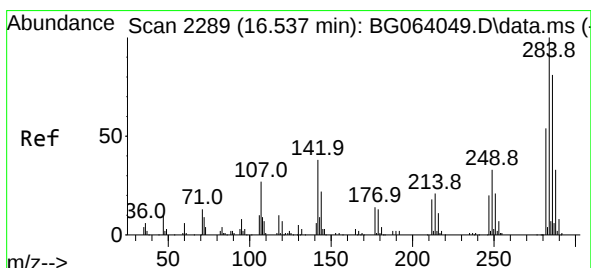
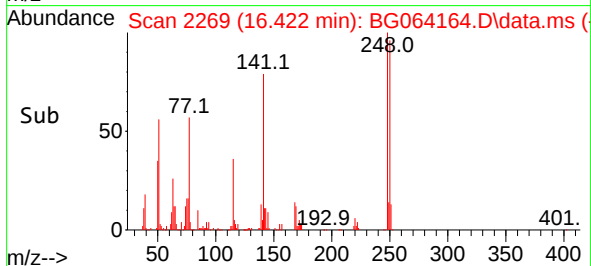
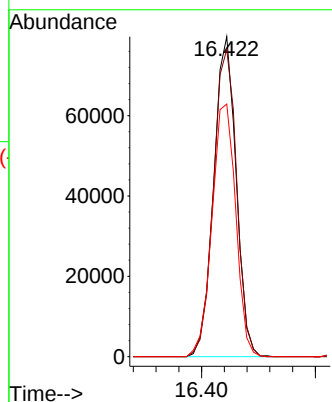


#67
4-Bromophenyl-phenylether
Concen: 41.251 ng
RT: 16.422 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

Instrument :
BNA_G
ClientSampleId :

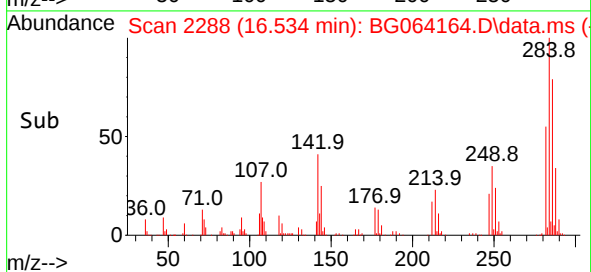
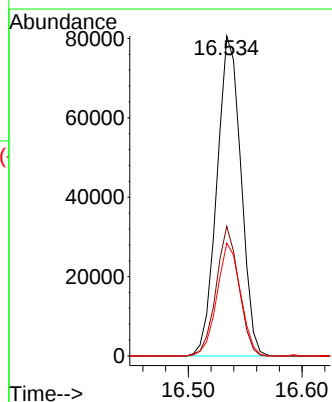
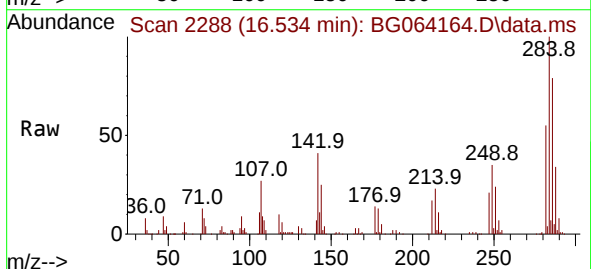


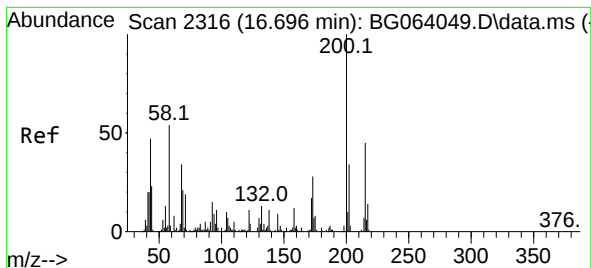
Tgt Ion:248 Resp: 108942
Ion Ratio Lower Upper
248 100
250 96.1 77.1 115.7
141 78.9 59.8 89.8



#68
Hexachlorobenzene
Concen: 40.062 ng
RT: 16.534 min Scan# 2288
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

Tgt Ion:284 Resp: 118452
Ion Ratio Lower Upper
284 100
142 40.6 30.6 45.8
249 35.2 26.6 39.8





#69

Atrazine

Concen: 34.708 ng

RT: 16.686 min Scan# 21

Delta R.T. -0.010 min

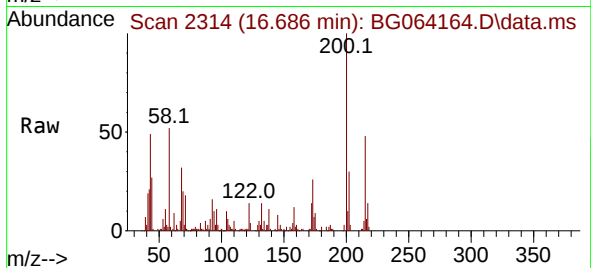
Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

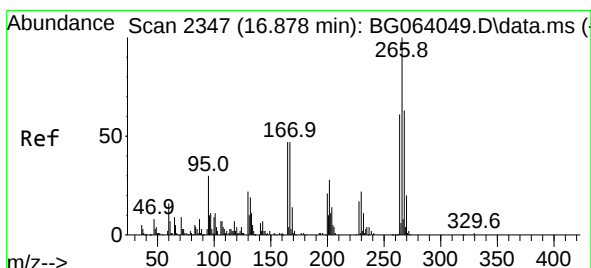
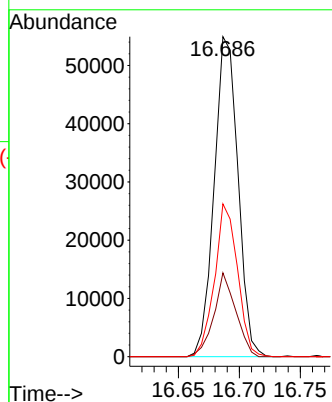
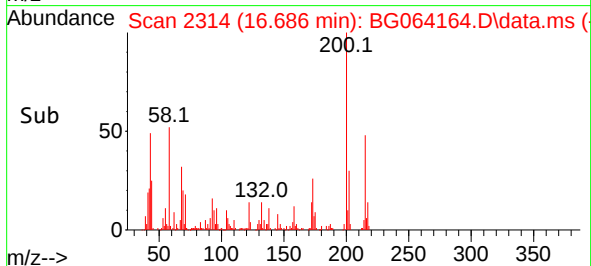
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:	200	Resp:	74539
Ion Ratio	Lower	Upper	
200	100		
173	26.2	8.2	48.2
215	47.7	25.5	65.5



#70

Pentachlorophenol

Concen: 43.996 ng

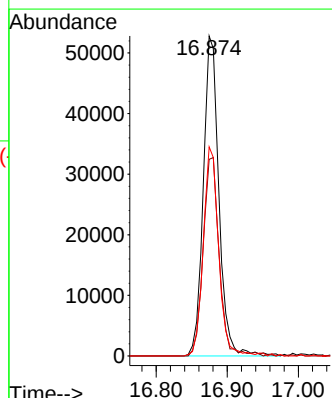
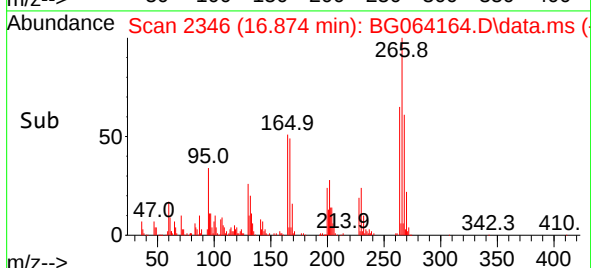
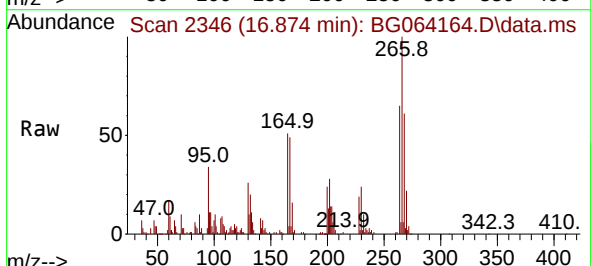
RT: 16.874 min Scan# 2346

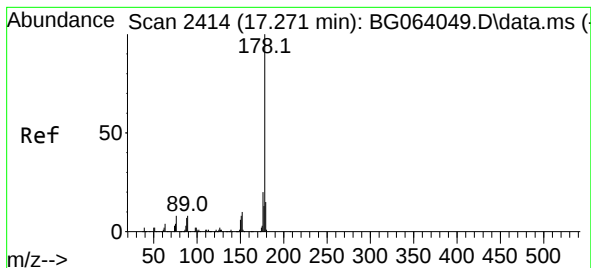
Delta R.T. -0.004 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

Tgt Ion:	266	Resp:	80767
Ion Ratio	Lower	Upper	
266	100		
268	61.5	50.2	75.4
264	65.4	48.9	73.3





#71

Phenanthrene

Concen: 39.025 ng

RT: 17.268 min Scan# 2414

Delta R.T. -0.003 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

Instrument :

BNA_G

ClientSampleId :

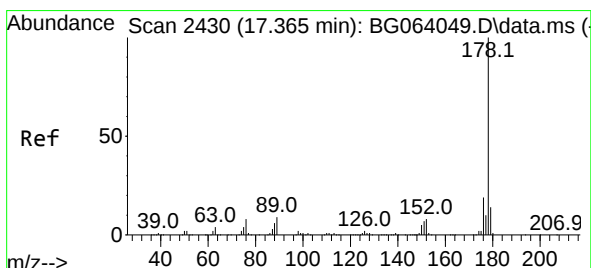
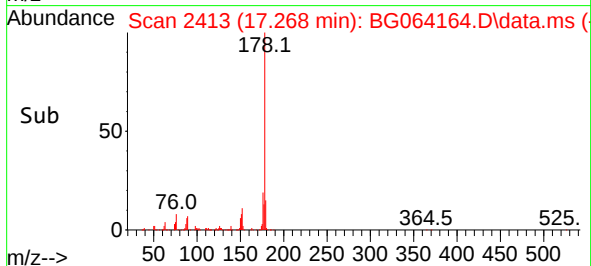
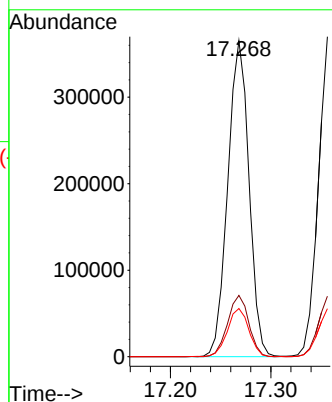
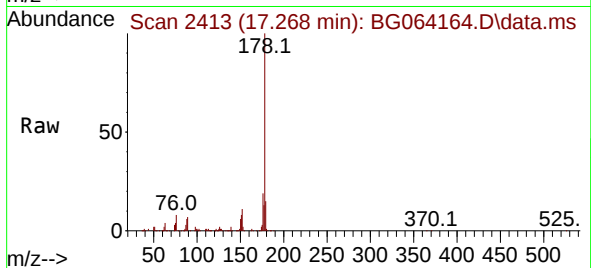
Tgt Ion:178 Resp: 536739

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

179 15.3 12.2 18.2



#72

Anthracene

Concen: 39.484 ng

RT: 17.356 min Scan# 2428

Delta R.T. -0.009 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

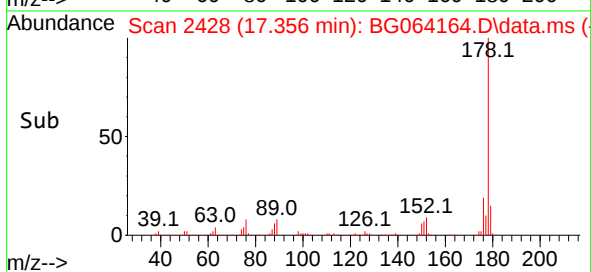
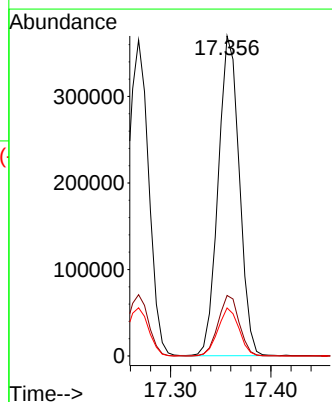
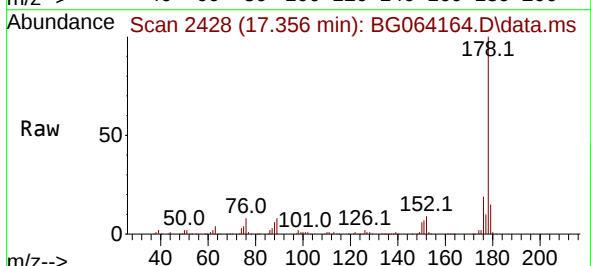
Tgt Ion:178 Resp: 539984

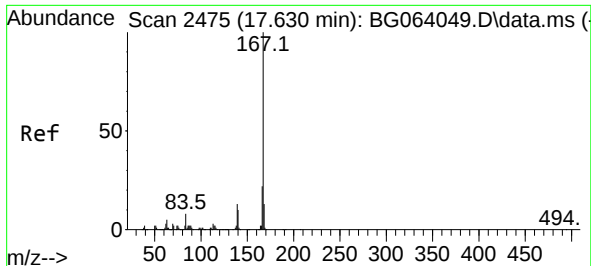
Ion Ratio Lower Upper

178 100

176 18.9 14.8 22.2

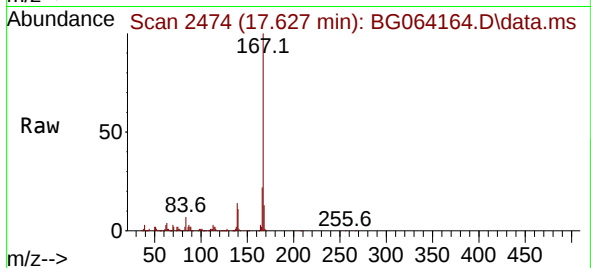
179 15.0 11.5 17.3



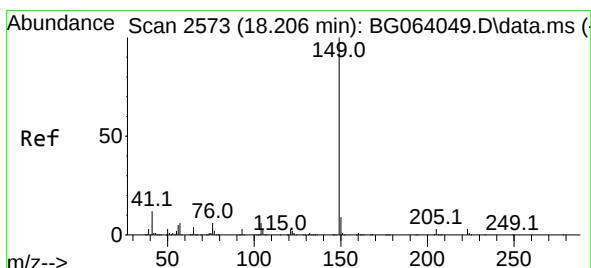
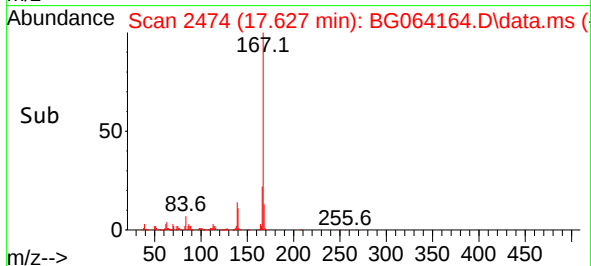
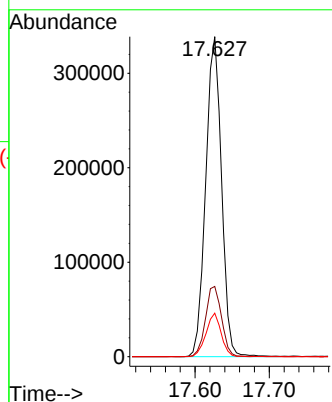


#73
 Carbazole
 Concen: 39.306 ng
 RT: 17.627 min Scan# 2475
 Delta R.T. -0.003 min
 Lab File: BG064164.D
 Acq: 3 Apr 2025 13:04

Instrument :
 BNA_G
 ClientSampleId :

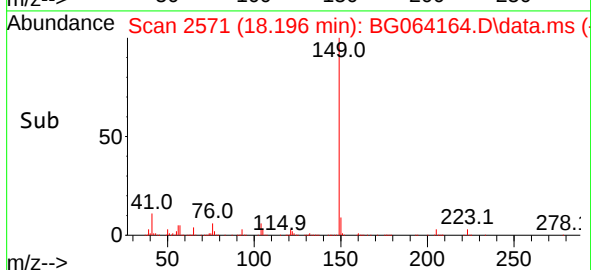
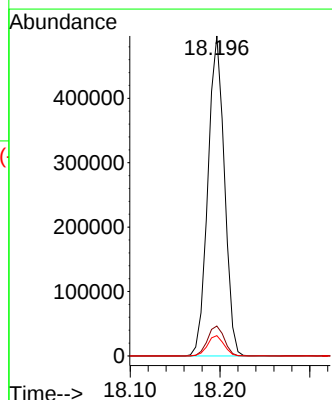
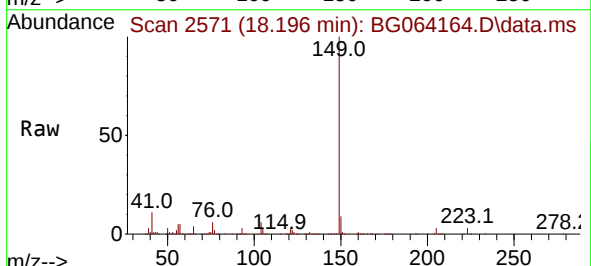


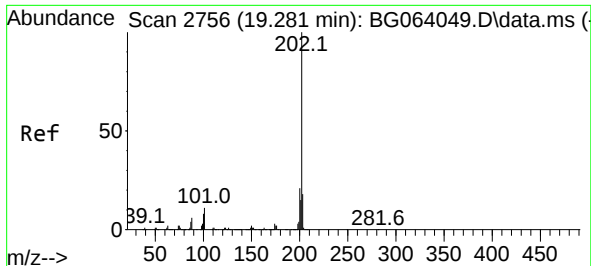
Tgt Ion:167 Resp: 501891
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.0 27.0
 139 13.6 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 42.194 ng
 RT: 18.196 min Scan# 2571
 Delta R.T. -0.009 min
 Lab File: BG064164.D
 Acq: 3 Apr 2025 13:04

Tgt Ion:149 Resp: 634185
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 6.4 5.0 7.6

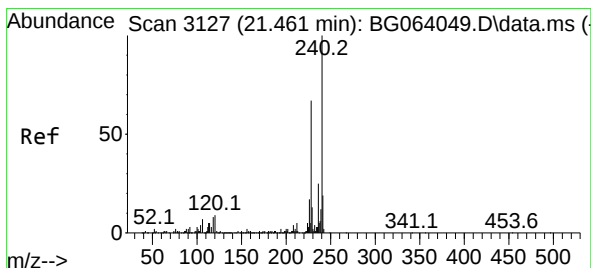
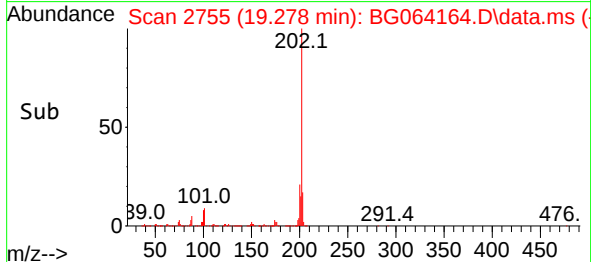
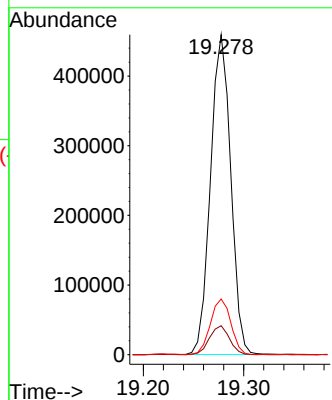
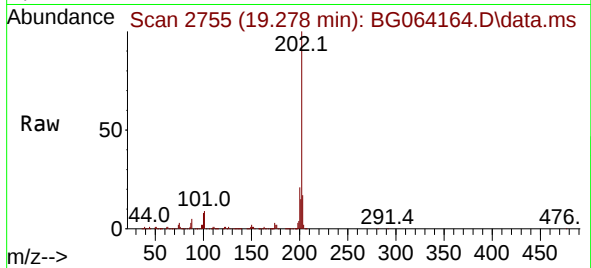




#75
Fluoranthene
Concen: 38.757 ng
RT: 19.278 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

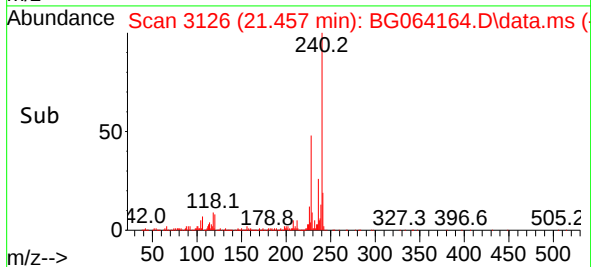
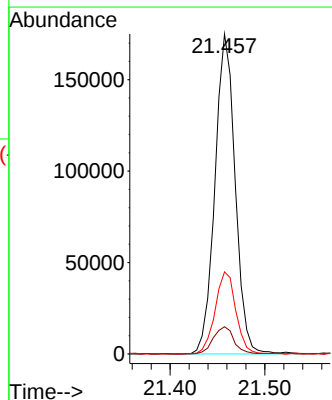
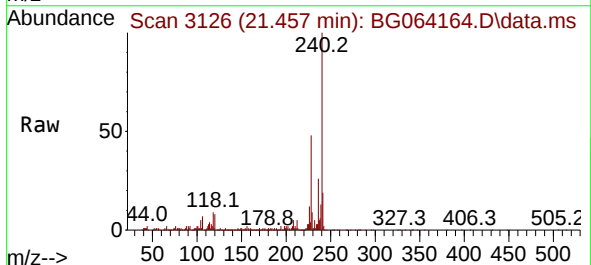
Instrument :
BNA_G
ClientSampleId :

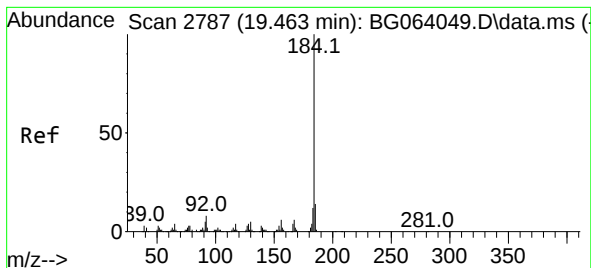
Tgt Ion:202 Resp: 642628
Ion Ratio Lower Upper
202 100
101 9.1 0.0 30.5
203 17.4 0.0 38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 3126
Delta R.T. -0.003 min
Lab File: BG064164.D
Acq: 3 Apr 2025 13:04

Tgt Ion:240 Resp: 259274
Ion Ratio Lower Upper
240 100
120 8.5 7.2 10.8
236 25.7 20.2 30.2





#77

Benzidine

Concen: 50.549 ng

RT: 19.460 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

Instrument :

BNA_G

ClientSampleId :

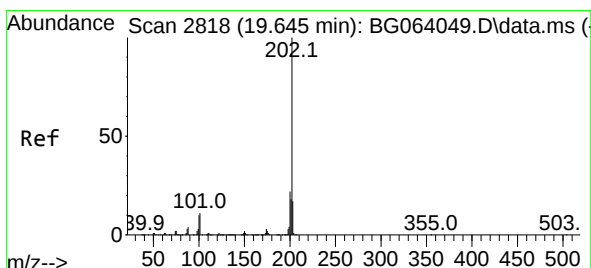
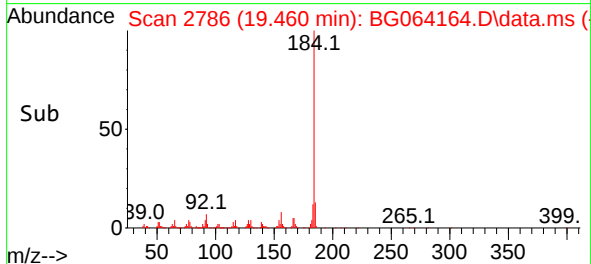
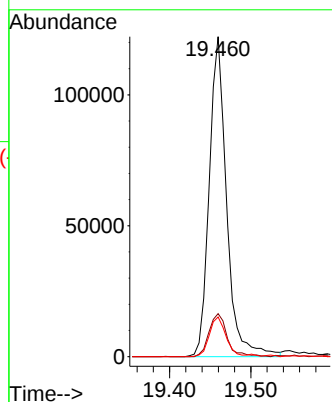
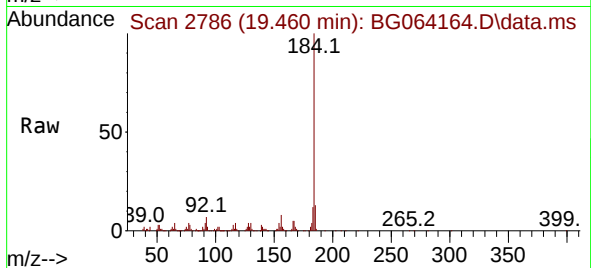
Tgt Ion:184 Resp: 181482

Ion Ratio Lower Upper

184 100

185 13.5 11.3 16.9

183 12.4 9.5 14.3



#78

Pyrene

Concen: 39.487 ng

RT: 19.642 min Scan# 2817

Delta R.T. -0.003 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

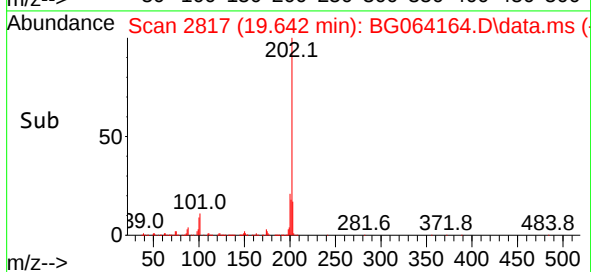
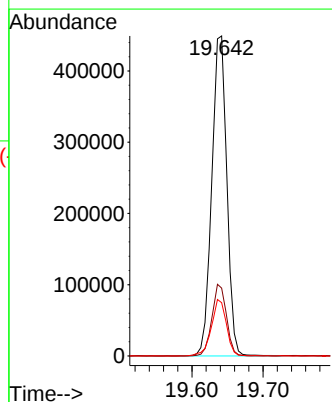
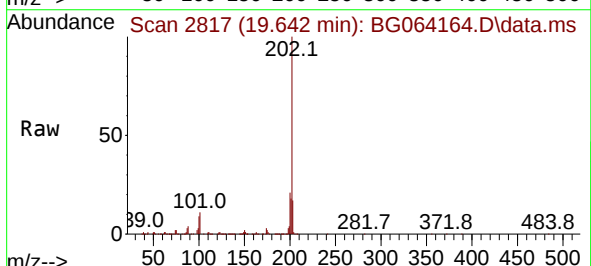
Tgt Ion:202 Resp: 659960

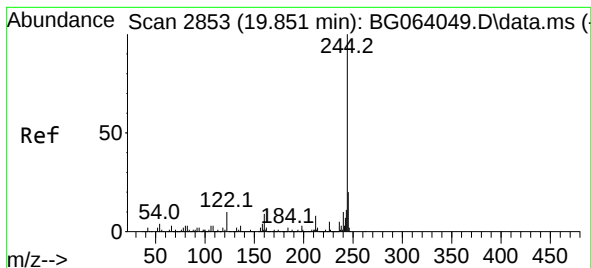
Ion Ratio Lower Upper

202 100

200 21.2 17.3 25.9

203 16.6 13.6 20.4





#79

Terphenyl-d14

Concen: 78.416 ng

RT: 19.847 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

Instrument :

BNA_G

ClientSampleId :

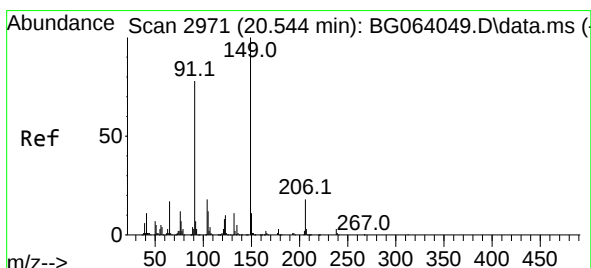
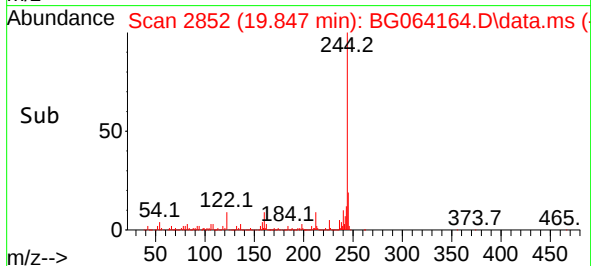
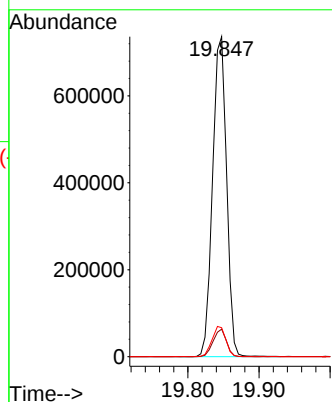
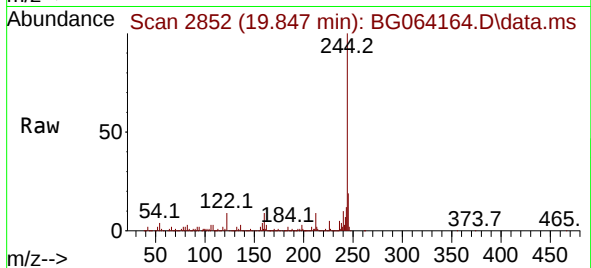
Tgt Ion:244 Resp: 1005500

Ion Ratio Lower Upper

244 100

212 8.6 6.2 9.4

122 9.1 8.0 12.0



#80

Butylbenzylphthalate

Concen: 45.382 ng

RT: 20.535 min Scan# 2969

Delta R.T. -0.009 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

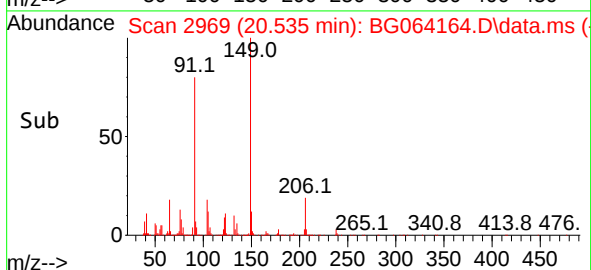
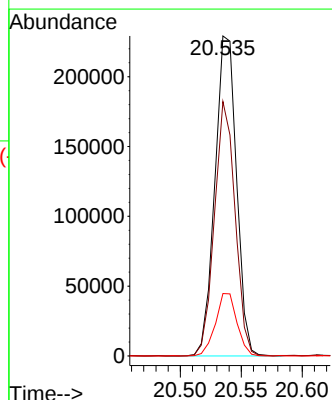
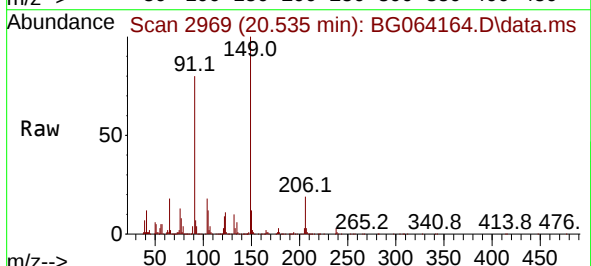
Tgt Ion:149 Resp: 283271

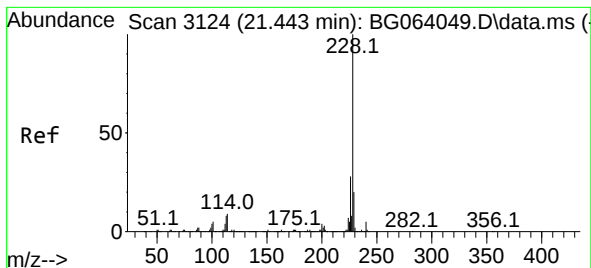
Ion Ratio Lower Upper

149 100

91 79.5 62.0 93.0

206 19.5 14.6 21.8





#81

Benzo(a)anthracene

Concen: 39.071 ng

RT: 21.440 min Scan# 3124

Delta R.T. -0.003 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

Instrument :

BNA_G

ClientSampleId :

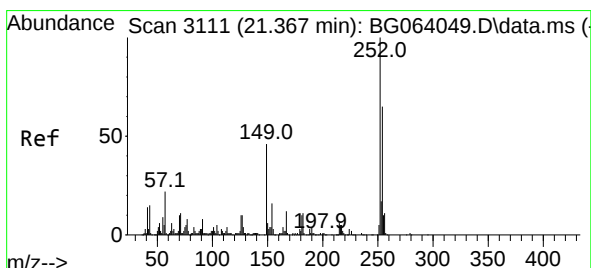
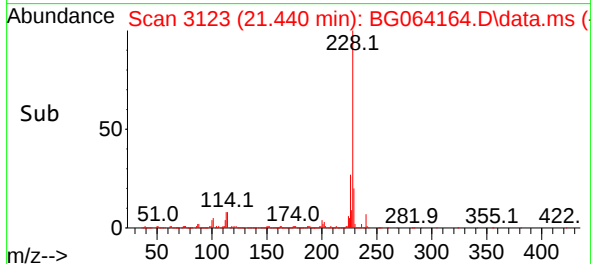
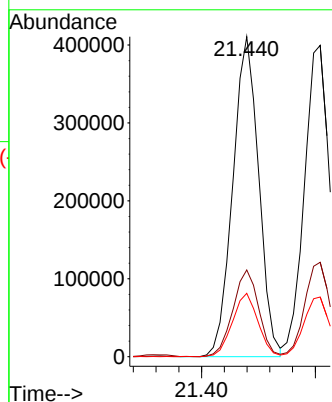
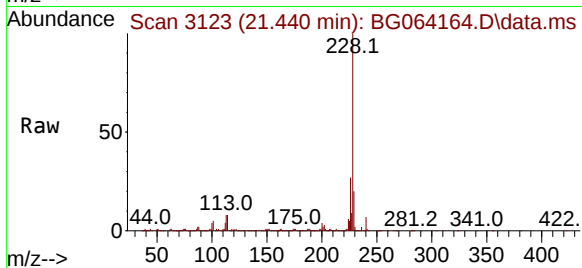
Tgt Ion:228 Resp: 648901

Ion Ratio Lower Upper

228 100

226 27.1 22.2 33.2

229 19.8 16.4 24.6



#82

3,3'-Dichlorobenzidine

Concen: 41.927 ng

RT: 21.363 min Scan# 3110

Delta R.T. -0.003 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

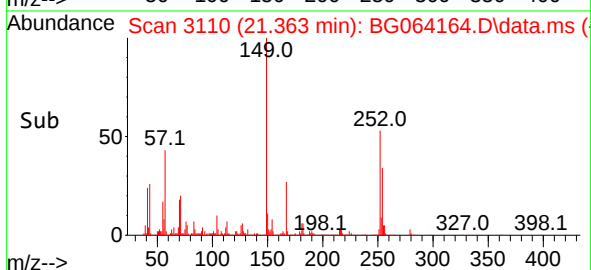
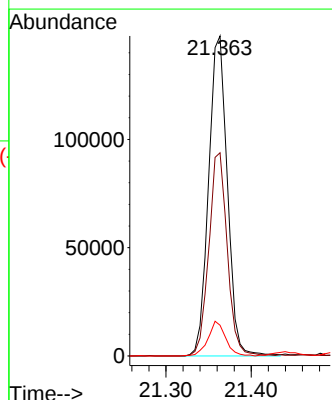
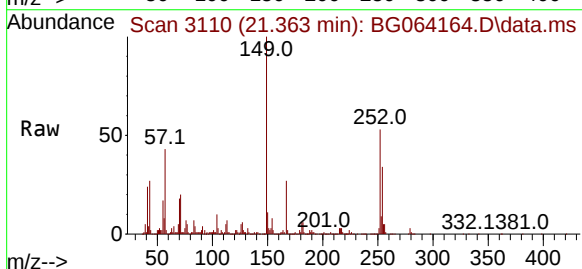
Tgt Ion:252 Resp: 225362

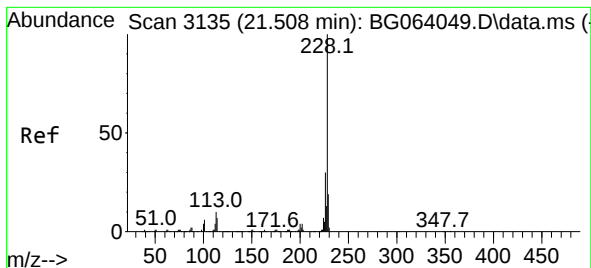
Ion Ratio Lower Upper

252 100

254 63.5 52.1 78.1

126 9.6 7.8 11.8





#83

Chrysene

Concen: 37.700 ng

RT: 21.504 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

Instrument :

BNA_G

ClientSampleId :

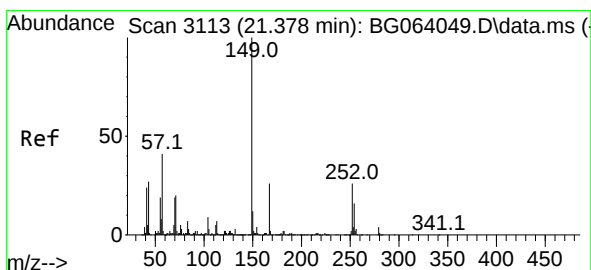
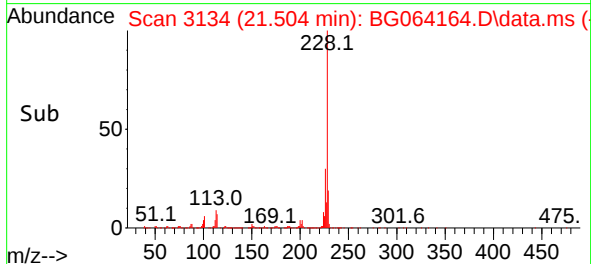
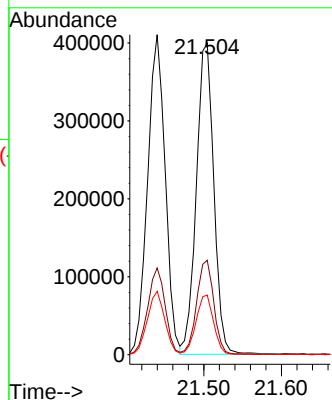
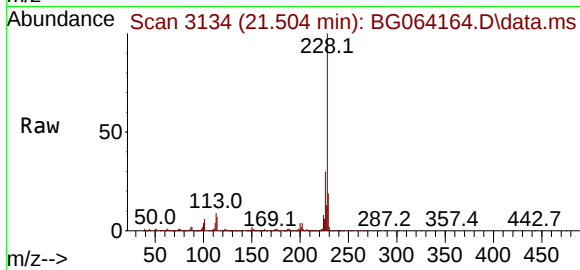
Tgt Ion:228 Resp: 624492

Ion Ratio Lower Upper

228 100

226 30.3 23.9 35.9

229 19.2 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.263 ng

RT: 21.369 min Scan# 3111

Delta R.T. -0.009 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

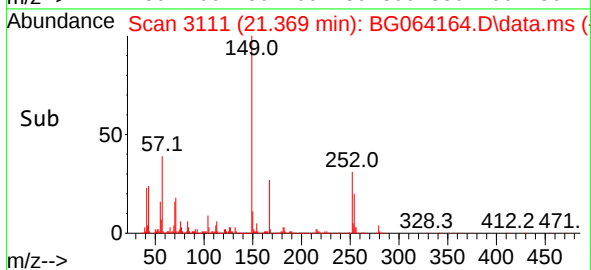
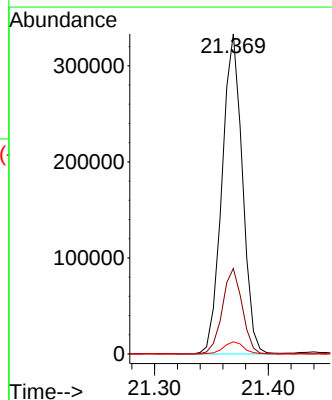
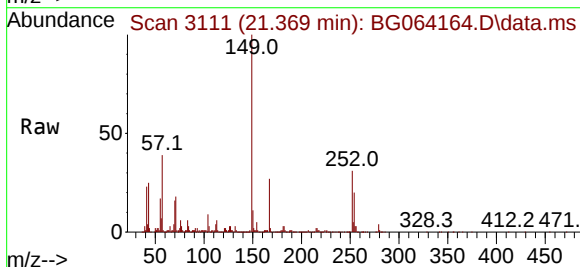
Tgt Ion:149 Resp: 415542

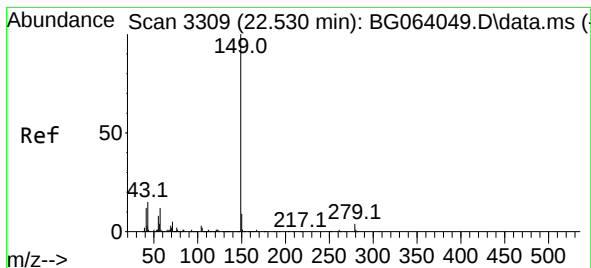
Ion Ratio Lower Upper

149 100

167 26.7 21.0 31.6

279 3.8 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 46.390 ng

RT: 22.509 min Scan# 31

Delta R.T. -0.021 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

Instrument :

BNA_G

ClientSampleId :

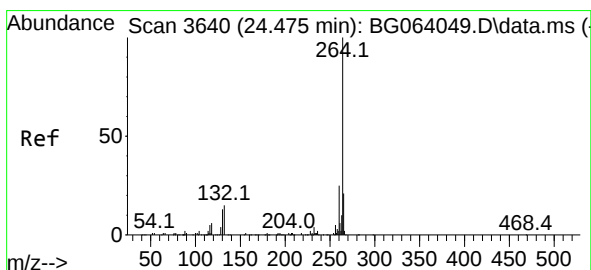
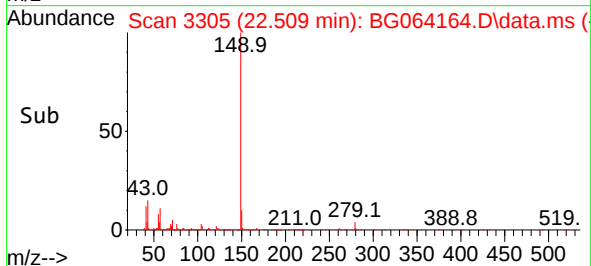
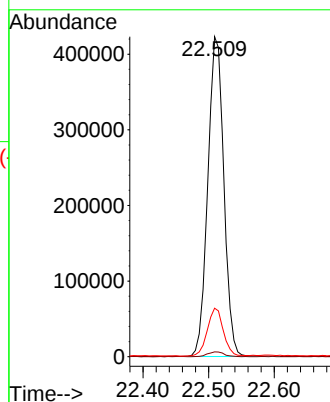
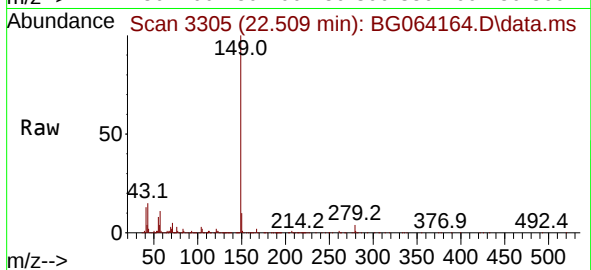
Tgt Ion:149 Resp: 718709

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 14.9 12.6 19.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.471 min Scan# 3639

Delta R.T. -0.003 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

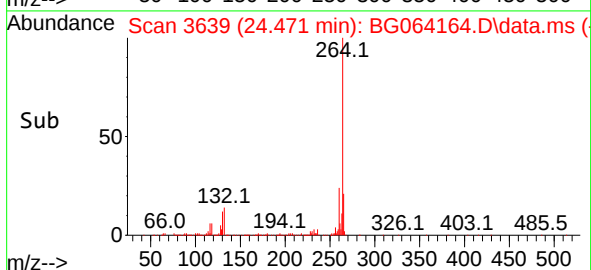
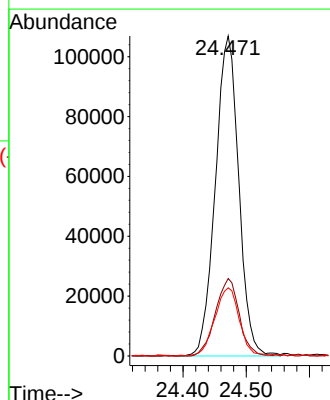
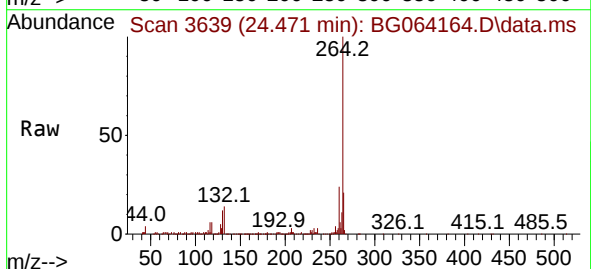
Tgt Ion:264 Resp: 274699

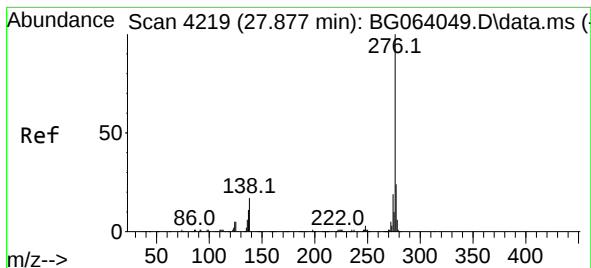
Ion Ratio Lower Upper

264 100

260 24.2 19.6 29.4

265 21.3 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.391 ng

RT: 27.867 min Scan# 41

Delta R.T. -0.009 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

Instrument :

BNA_G

ClientSampleId :

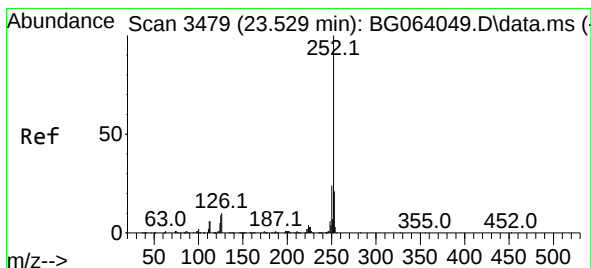
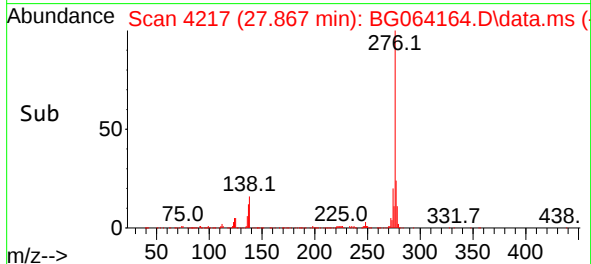
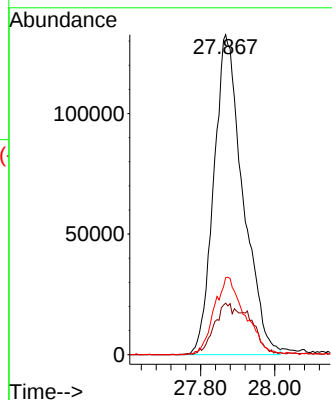
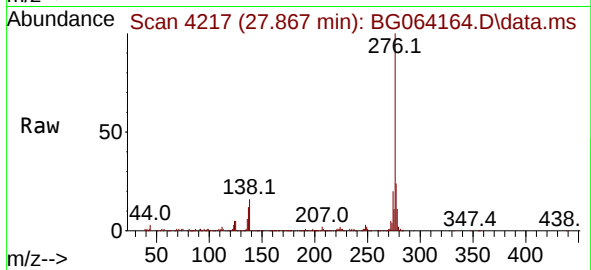
Tgt Ion:276 Resp: 723995

Ion Ratio Lower Upper

276 100

138 13.3 12.1 18.1

277 25.7 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 40.004 ng

RT: 23.520 min Scan# 3477

Delta R.T. -0.009 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

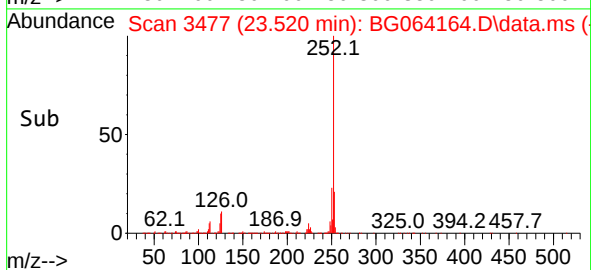
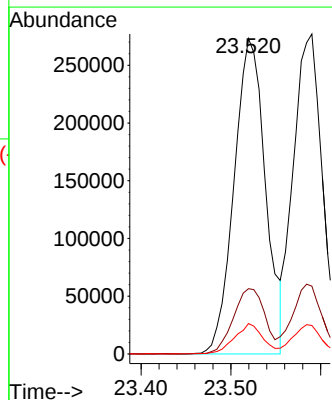
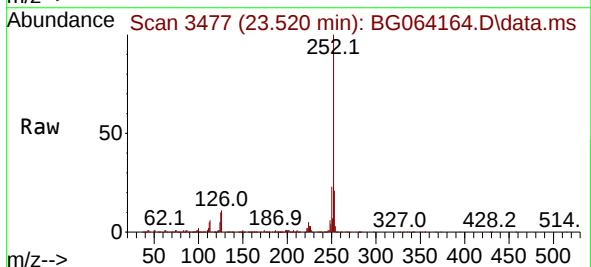
Tgt Ion:252 Resp: 664324

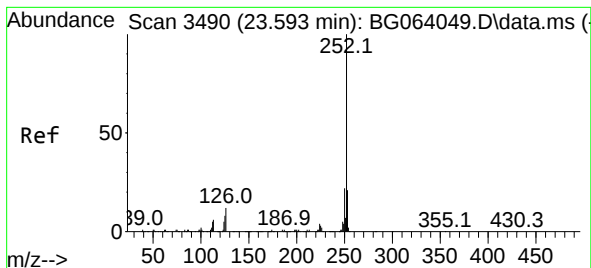
Ion Ratio Lower Upper

252 100

253 20.7 17.0 25.4

125 9.7 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 36.961 ng

RT: 23.590 min Scan# 34

Delta R.T. -0.003 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

Instrument :

BNA_G

ClientSampleId :

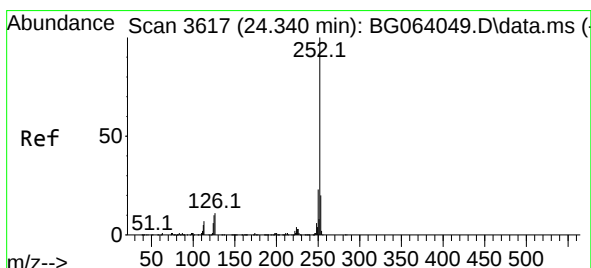
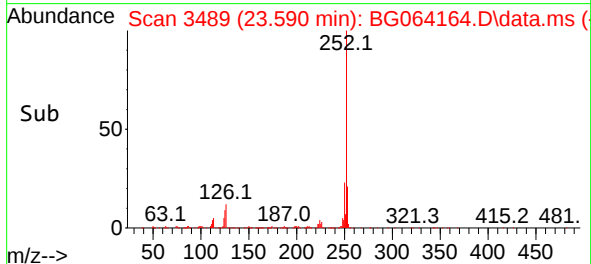
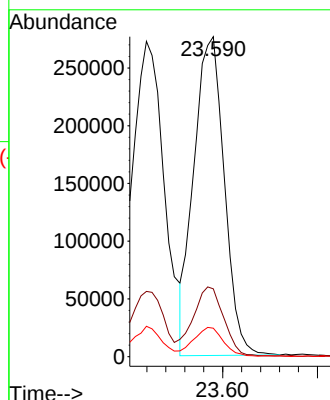
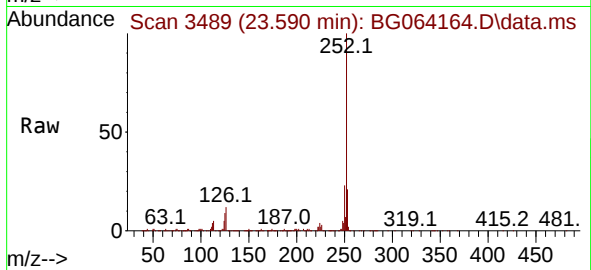
Tgt Ion:252 Resp: 615757

Ion Ratio Lower Upper

252 100

253 21.2 16.8 25.2

125 8.9 6.9 10.3



#90

Benzo(a)pyrene

Concen: 39.239 ng

RT: 24.330 min Scan# 3615

Delta R.T. -0.009 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

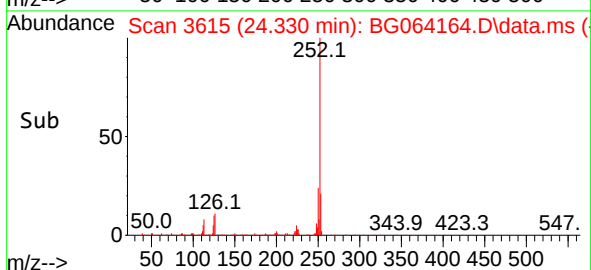
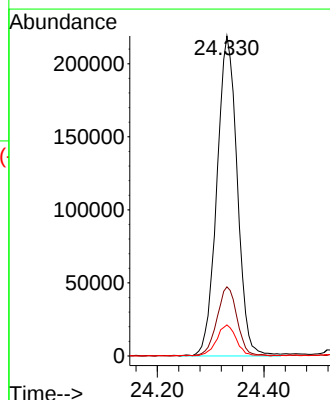
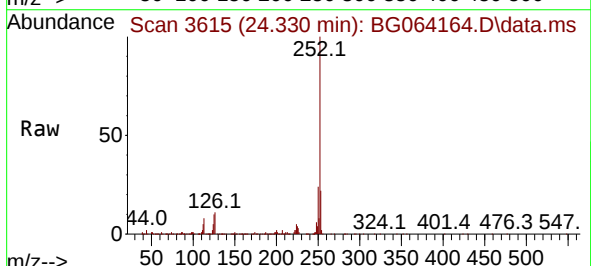
Tgt Ion:252 Resp: 580328

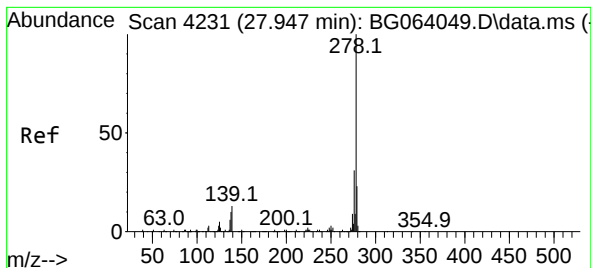
Ion Ratio Lower Upper

252 100

253 21.6 16.2 24.2

125 9.7 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 40.051 ng

RT: 27.932 min Scan# 4397

Delta R.T. -0.015 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

Instrument :

BNA_G

ClientSampleId :

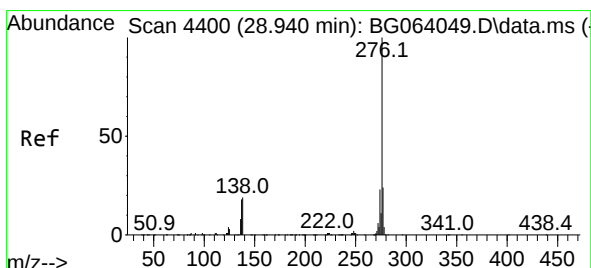
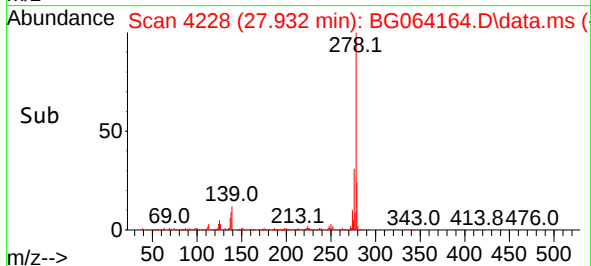
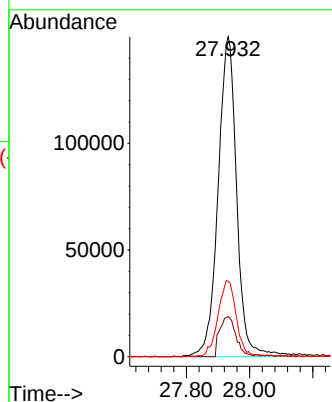
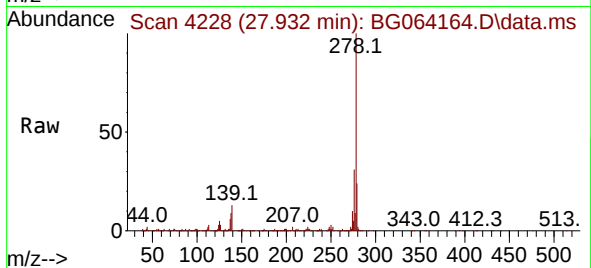
Tgt Ion:278 Resp: 610274

Ion Ratio Lower Upper

278 100

139 12.5 10.2 15.2

279 23.6 18.1 27.1



#92

Benzo(g,h,i)perylene

Concen: 38.770 ng

RT: 28.931 min Scan# 4398

Delta R.T. -0.009 min

Lab File: BG064164.D

Acq: 3 Apr 2025 13:04

Tgt Ion:276 Resp: 606526

Ion Ratio Lower Upper

276 100

277 21.1 19.5 29.3

138 17.1 15.4 23.0

