

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064175.D
 Acq On : 3 Apr 2025 20:38
 Operator : RC/JU
 Sample : PB167451BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 01:46:54 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	27724	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	127043	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	99227	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	235595	20.000	ng	0.00
76) Chrysene-d12	21.457	240	232442	20.000	ng	0.00
86) Perylene-d12	24.465	264	250687	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.447	112	273370	153.965	ng	0.00
7) Phenol-d6	7.027	99	369305	152.895	ng	0.00
23) Nitrobenzene-d5	9.013	82	252836	109.980	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	206326	187.063	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	625714	95.716	ng	0.00
79) Terphenyl-d14	19.842	244	1181105	102.743	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.361	88	22821	28.360	ng	87
3) Pyridine	3.749	79	72085	36.835	ng	99
4) n-Nitrosodimethylamine	3.660	42	59160	42.311	ng	98
6) Aniline	7.186	93	81316	34.308	ng	96
8) 2-Chlorophenol	7.427	128	104021	54.548	ng	97
9) Benzaldehyde	6.998	77	59463	42.329	ng	93
10) Phenol	7.056	94	132073	53.406	ng	94
11) bis(2-Chloroethyl)ether	7.286	93	90315	46.583	ng	96
12) 1,3-Dichlorobenzene	7.750	146	98739	47.152	ng	96
13) 1,4-Dichlorobenzene	7.897	146	101460	47.270	ng	97
14) 1,2-Dichlorobenzene	8.208	146	101004	48.800	ng	95
15) Benzyl Alcohol	8.091	79	103667	55.540	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.384	45	209856	48.138	ng	99
17) 2-Methylphenol	8.296	107	92668	56.460	ng	99
18) Hexachloroethane	8.937	117	39888	53.115	ng	94
19) n-Nitroso-di-n-propyla...	8.660	70	85464	50.417	ng	99
20) 3+4-Methylphenols	8.625	107	130529	57.767	ng	96
22) Acetophenone	8.672	105	167288	48.026	ng	98
24) Nitrobenzene	9.054	77	127515	53.672	ng	# 96
25) Isophorone	9.577	82	242940	52.797	ng	# 95
26) 2-Nitrophenol	9.759	139	56117	63.620	ng	# 90
27) 2,4-Dimethylphenol	9.824	122	113861	82.542	ng	99
28) bis(2-Chloroethoxy)met...	10.059	93	138485	49.641	ng	99
29) 2,4-Dichlorophenol	10.294	162	105181	60.386	ng	99
30) 1,2,4-Trichlorobenzene	10.511	180	107026	50.900	ng	95
31) Naphthalene	10.699	128	333528	48.686	ng	99
32) Benzoic acid	9.977	122	78807	59.641	ng	97
33) 4-Chloroaniline	10.805	127	30844	12.319	ng	98
34) Hexachlorobutadiene	10.987	225	72158	52.355	ng	96
35) Caprolactam	11.569	113	22448	33.630	ng	98
36) 4-Chloro-3-methylphenol	11.933	107	141004	61.757	ng	97
37) 2-Methylnaphthalene	12.303	142	226997	46.937	ng	97
38) 1-Methylnaphthalene	12.527	142	245040	51.718	ng	98
40) 1,2,4,5-Tetrachloroben...	12.679	216	135050	47.673	ng	# 98
41) Hexachlorocyclopentadiene	12.662	237	200978	252.069	ng	93
43) 2,4,6-Trichlorophenol	12.914	196	95761	57.356	ng	98

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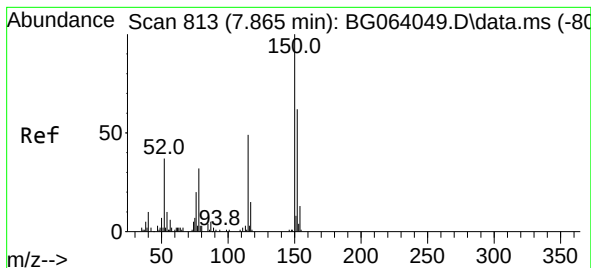
Quant Time: Apr 04 01:46:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.985	196	108252	58.352	ng	98
46) 1,1'-Biphenyl	13.320	154	364524	48.625	ng	98
47) 2-Chloronaphthalene	13.361	162	266516	48.745	ng	97
48) 2-Nitroaniline	13.561	65	106702	56.697	ng	97
49) Acenaphthylene	14.207	152	463864	53.637	ng	99
50) Dimethylphthalate	13.943	163	373757	51.027	ng	99
51) 2,6-Dinitrotoluene	14.054	165	82641	55.081	ng	95
52) Acenaphthene	14.548	154	283336	48.819	ng	98
53) 3-Nitroaniline	14.383	138	30973	21.879	ng	93
54) 2,4-Dinitrophenol	14.595	184	103147	157.964	ng	# 78
55) Dibenzofuran	14.883	168	458251	48.739	ng	99
56) 4-Nitrophenol	14.700	139	148840	125.363	ng	# 89
57) 2,4-Dinitrotoluene	14.841	165	124141	59.593	ng	# 98
58) Fluorene	15.535	166	373934	51.063	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.106	232	108848	60.184	ng	95
60) Diethylphthalate	15.312	149	415297	52.228	ng	99
61) 4-Chlorophenyl-phenyle...	15.529	204	185302	50.920	ng	90
62) 4-Nitroaniline	15.547	138	85117	55.690	ng	93
63) Azobenzene	15.817	77	410613	48.392	ng	99
65) 4,6-Dinitro-2-methylph...	15.611	198	74018	68.512	ng	93
66) n-Nitrosodiphenylamine	15.740	169	343772	51.549	ng	99
67) 4-Bromophenyl-phenylether	16.422	248	126083	52.253	ng	96
68) Hexachlorobenzene	16.534	284	137848	51.029	ng	99
69) Atrazine	16.692	200	140300	71.503	ng	97
70) Pentachlorophenol	16.874	266	186580	111.241	ng	99
71) Phenanthrene	17.268	178	635172	50.546	ng	98
72) Anthracene	17.356	178	648466	51.897	ng	99
73) Carbazole	17.626	167	588835	50.473	ng	98
74) Di-n-butylphthalate	18.196	149	727823	53.000	ng	100
75) Fluoranthene	19.277	202	742513	49.013	ng	97
77) Benzidine	19.454	184	189136	58.762	ng	97
78) Pyrene	19.636	202	770248	51.406	ng	99
80) Butylbenzylphthalate	20.535	149	329008	57.719	ng	98
81) Benzo(a)anthracene	21.434	228	781366	52.478	ng	99
82) 3,3'-Dichlorobenzidine	21.357	252	130385	27.058	ng	94
83) Chrysene	21.498	228	736885	49.620	ng	99
84) Bis(2-ethylhexyl)phtha...	21.363	149	486302	60.391	ng	99
85) Di-n-octyl phthalate	22.509	149	828678	59.663	ng	98
87) Indeno(1,2,3-cd)pyrene	27.867	276	917101	54.677	ng	# 96
88) Benzo(b)fluoranthene	23.520	252	764913	50.473	ng	99
89) Benzo(k)fluoranthene	23.584	252	763585	50.224	ng	100
90) Benzo(a)pyrene	24.330	252	741942	54.971	ng	98
91) Dibenzo(a,h)anthracene	27.926	278	749744	53.918	ng	98
92) Benzo(g,h,i)perylene	28.925	276	722475	50.605	ng	97

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

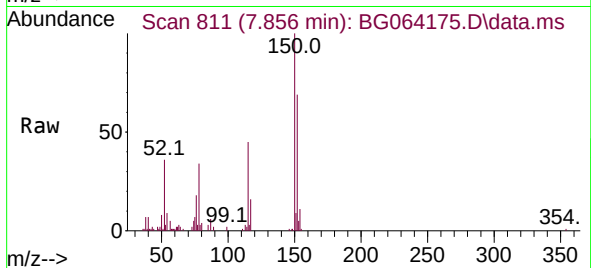
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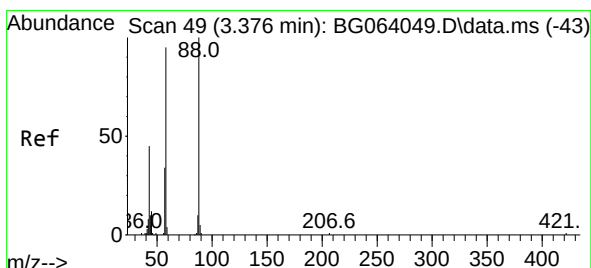
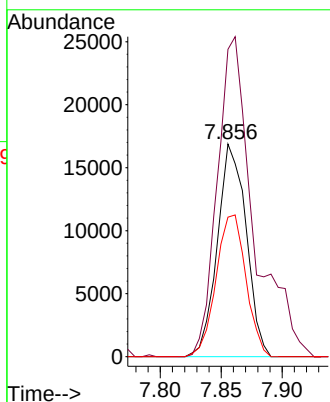
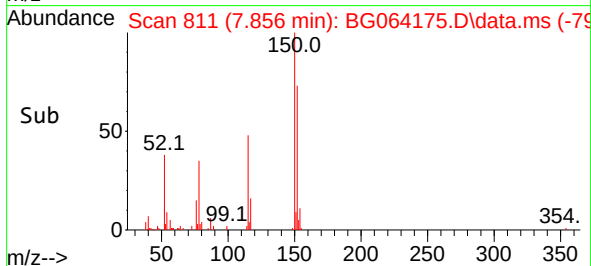


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.856 min Scan# 81
 Delta R.T. -0.009 min
 Lab File: BG064175.D
 Acq: 3 Apr 2025 20:38

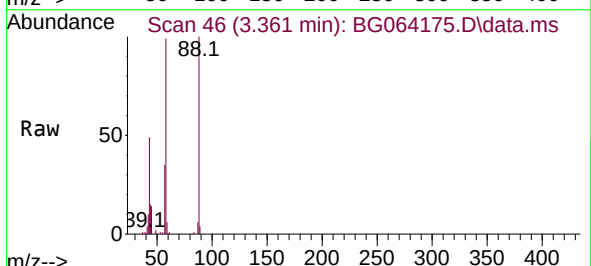
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 BNA_G
 ClientSampleId :



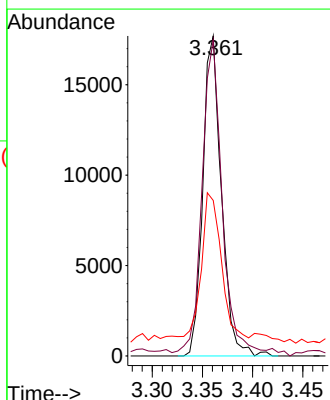
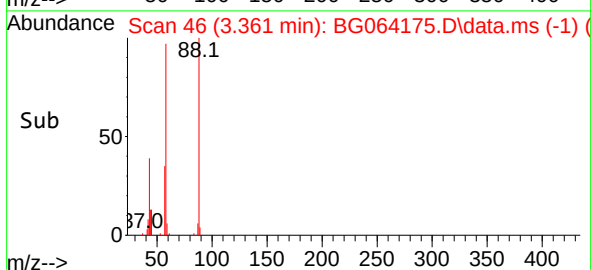
Tgt Ion:152 Resp: 27724
 Ion Ratio Lower Upper
 152 100
 150 144.5 129.2 193.8
 115 65.6 63.0 94.6

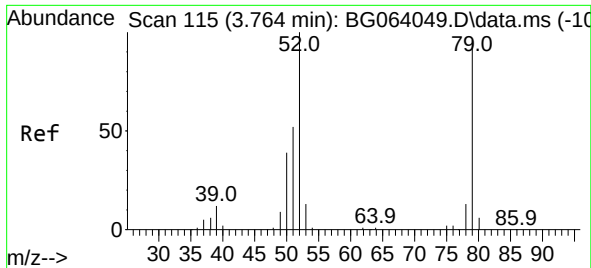


#2
 1,4-Dioxane
 Concen: 28.360 ng
 RT: 3.361 min Scan# 46
 Delta R.T. -0.015 min
 Lab File: BG064175.D
 Acq: 3 Apr 2025 20:38



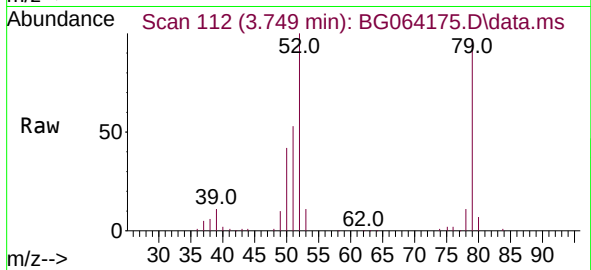
Tgt Ion: 88 Resp: 22821
 Ion Ratio Lower Upper
 88 100
 58 109.4 74.6 111.8
 43 47.2 35.5 53.3



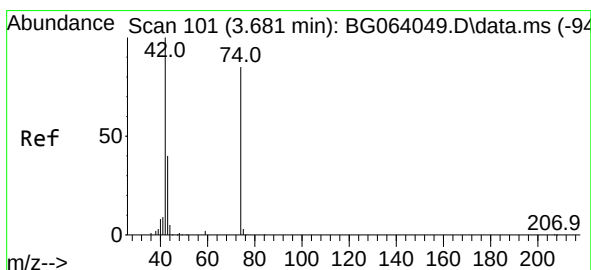
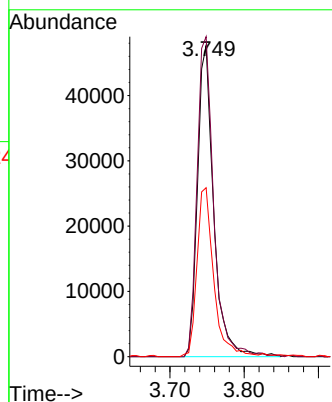
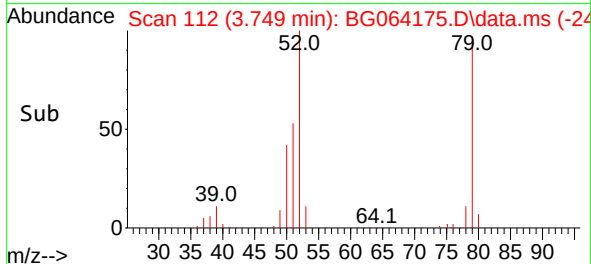


#3
Pyridine
Concen: 36.835 ng
RT: 3.749 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

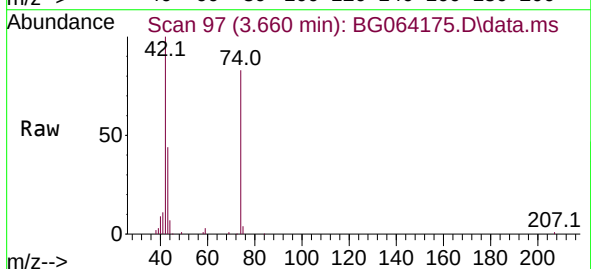
Instrument :
BNA_G
ClientSampleId :



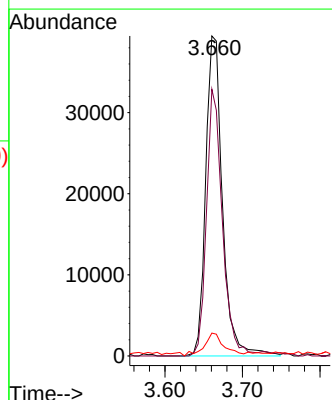
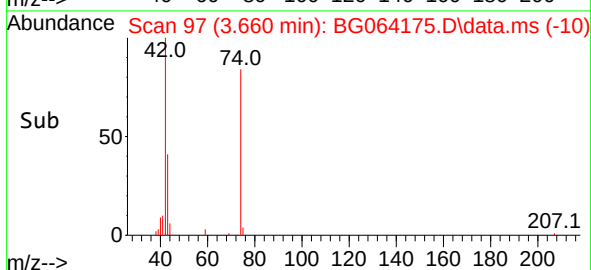
Tgt Ion: 79 Resp: 72085
Ion Ratio Lower Upper
79 100
52 102.8 83.0 124.6
51 54.3 44.3 66.5

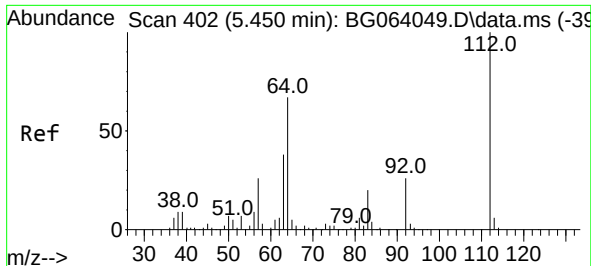


#4
n-Nitrosodimethylamine
Concen: 42.311 ng
RT: 3.660 min Scan# 97
Delta R.T. -0.021 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38



Tgt Ion: 42 Resp: 59160
Ion Ratio Lower Upper
42 100
74 83.4 68.0 102.0
44 7.2 4.9 7.3

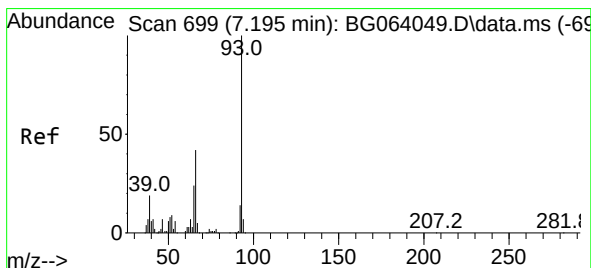
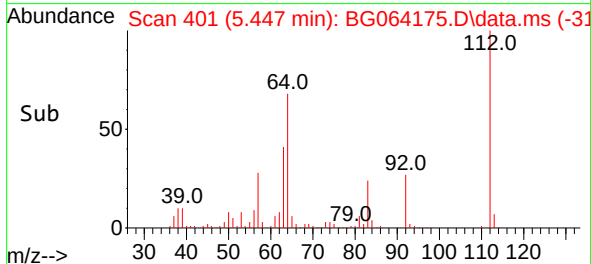
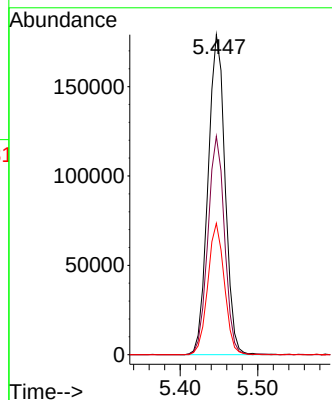
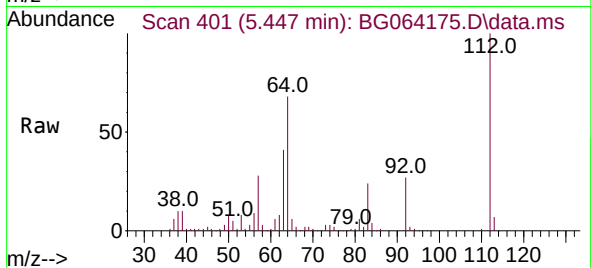




#5
2-Fluorophenol
Concen: 153.965 ng
RT: 5.447 min Scan# 401
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

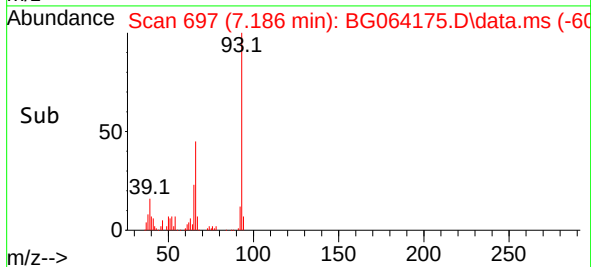
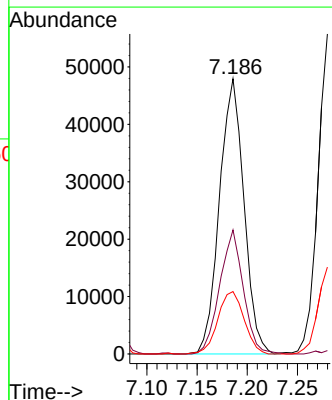
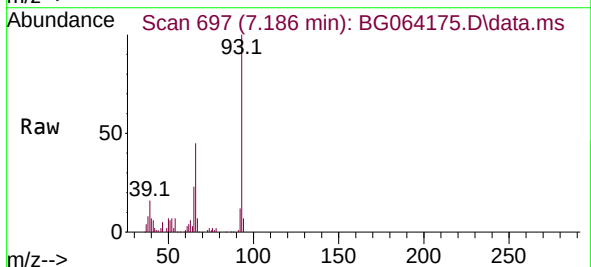
Instrument :
BNA_G
ClientSampleId :

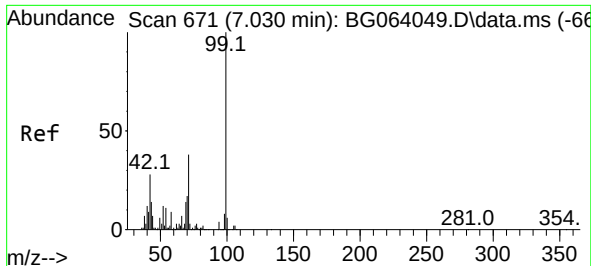
Tgt Ion:112 Resp: 273370
Ion Ratio Lower Upper
112 100
64 68.3 53.7 80.5
63 41.0 30.2 45.4



#6
Aniline
Concen: 34.308 ng
RT: 7.186 min Scan# 697
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Tgt Ion: 93 Resp: 81316
Ion Ratio Lower Upper
93 100
66 45.0 33.7 50.5
65 22.7 19.1 28.7

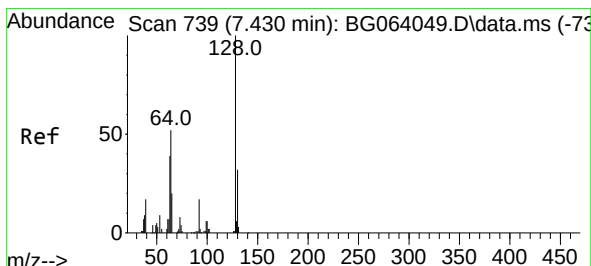
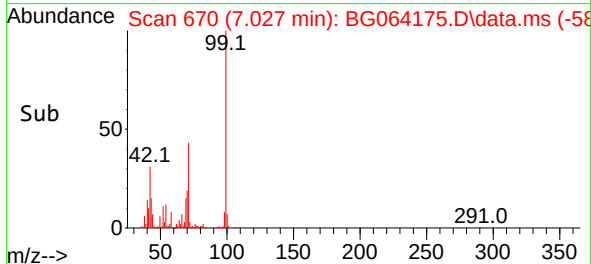
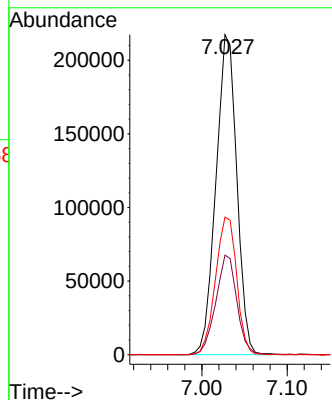
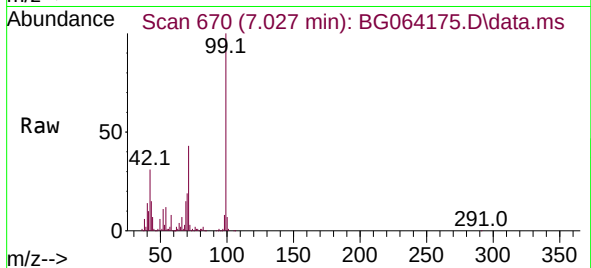




#7
Phenol-d6
Concen: 152.895 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

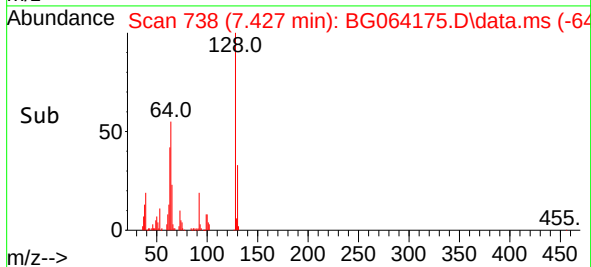
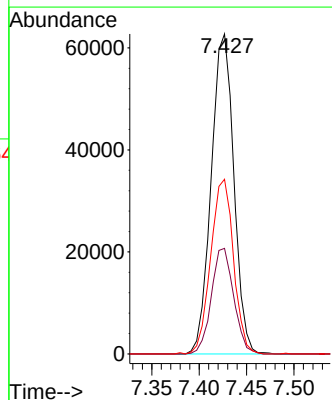
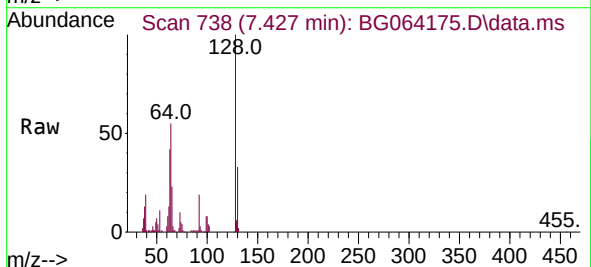
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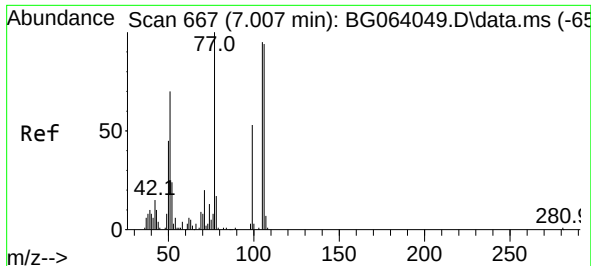
Tgt Ion: 99 Resp: 369305
Ion Ratio Lower Upper
99 100
42 31.1 22.7 34.1
71 43.0 30.6 46.0



#8
2-Chlorophenol
Concen: 54.548 ng
RT: 7.427 min Scan# 738
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

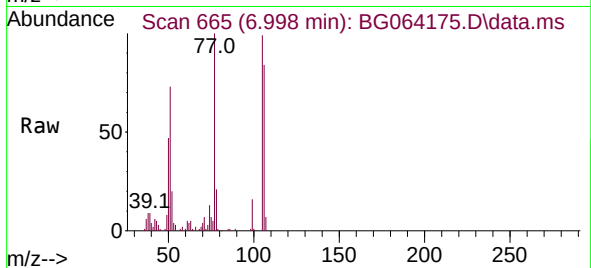
Tgt Ion: 128 Resp: 104021
Ion Ratio Lower Upper
128 100
130 33.0 12.3 52.3
64 54.6 37.0 77.0



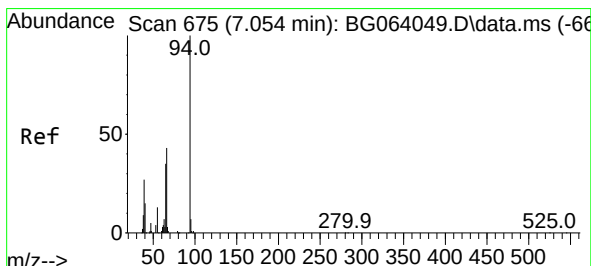
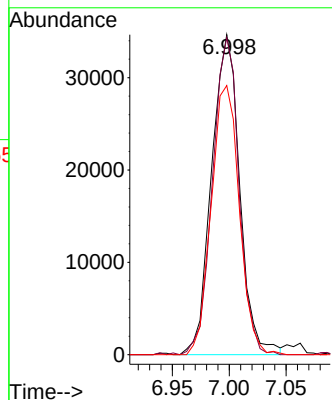
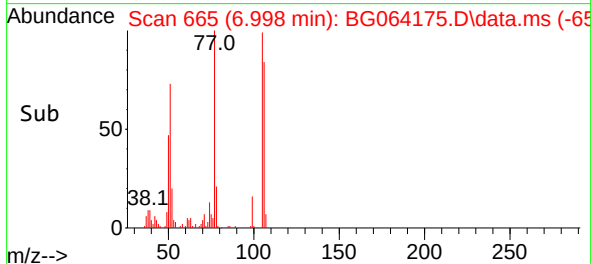


#9
Benzaldehyde
Concen: 42.329 ng
RT: 6.998 min Scan# 665
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Instrument :
BNA_G
ClientSampleId :

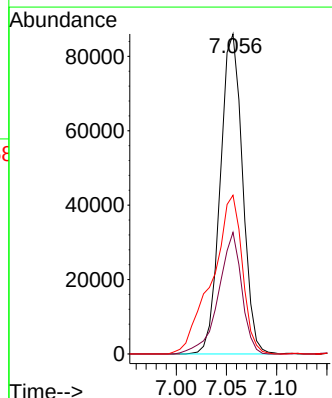
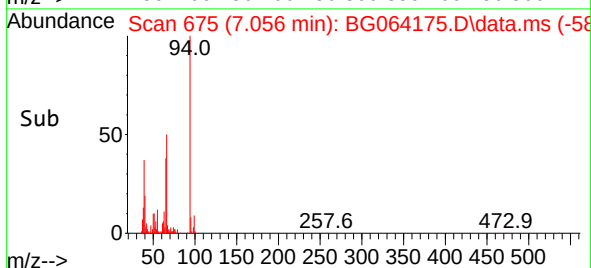
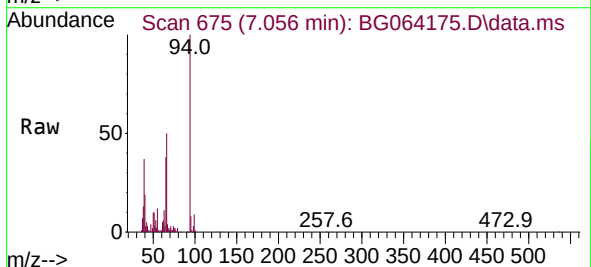


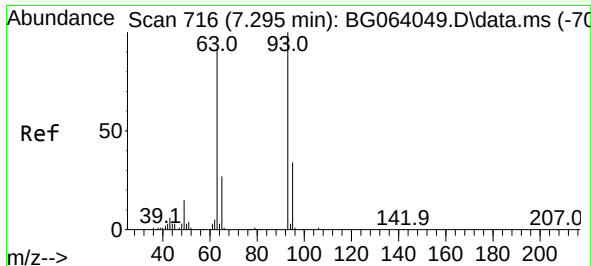
Tgt Ion: 77 Resp: 59463
Ion Ratio Lower Upper
77 100
105 99.1 75.5 115.5
106 84.1 74.2 114.2



#10
Phenol
Concen: 53.406 ng
RT: 7.056 min Scan# 675
Delta R.T. 0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

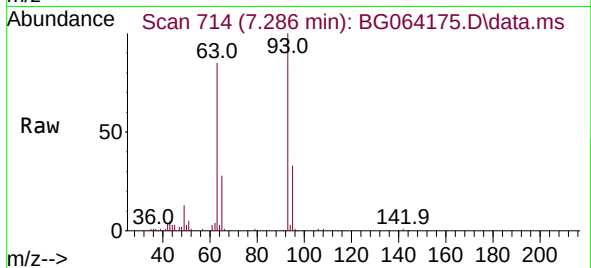
Tgt Ion: 94 Resp: 132073
Ion Ratio Lower Upper
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65 38.0 15.2 55.2
66 49.6 25.1 65.1



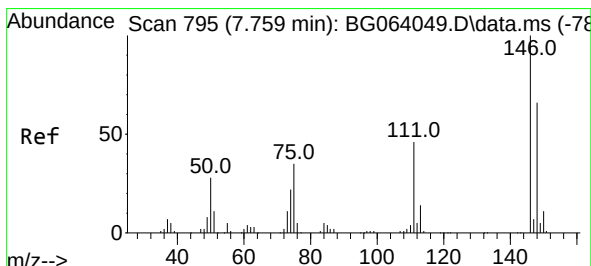
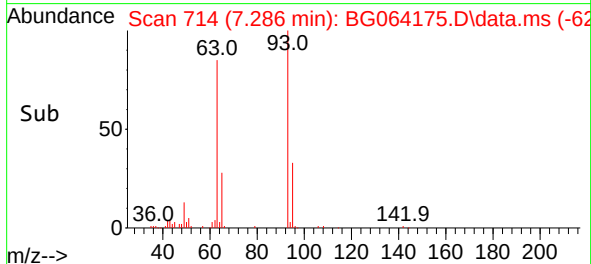
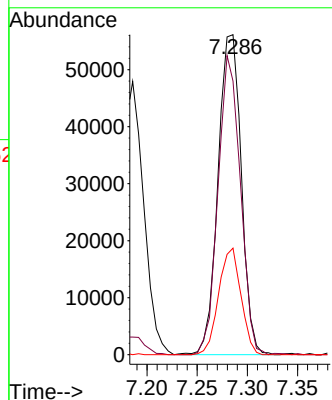


#11
bis(2-Chloroethyl)ether
Concen: 46.583 ng
RT: 7.286 min Scan# 716
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Instrument :
BNA_G
ClientSampleId :

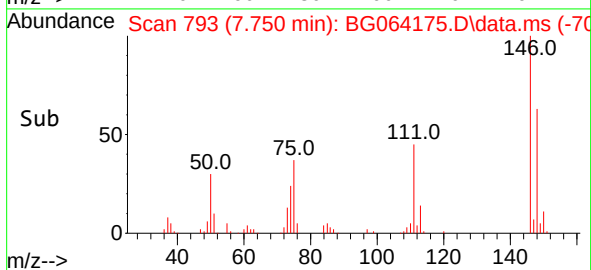
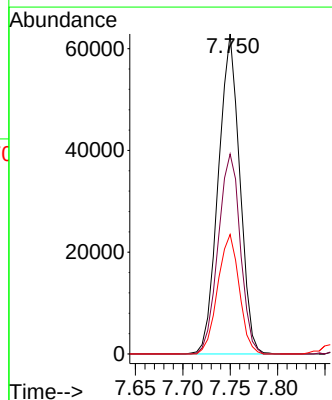
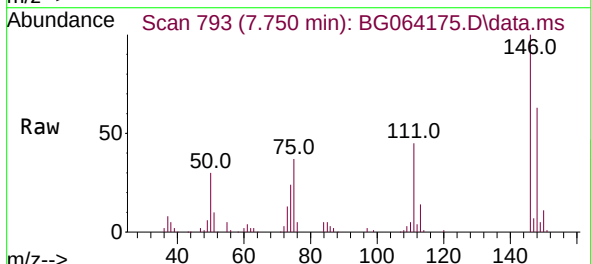


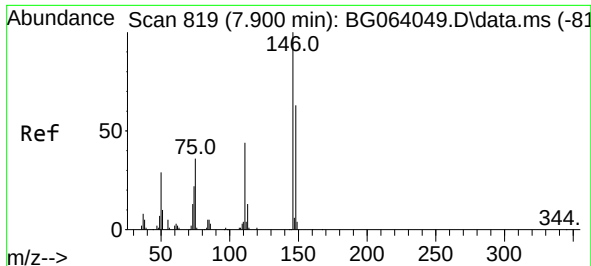
Tgt Ion: 93 Resp: 90315
Ion Ratio Lower Upper
93 100
63 85.5 70.0 110.0
95 33.3 13.7 53.7



#12
1,3-Dichlorobenzene
Concen: 47.152 ng
RT: 7.750 min Scan# 793
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Tgt Ion:146 Resp: 98739
Ion Ratio Lower Upper
146 100
148 62.5 52.6 78.8
75 37.3 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 47.270 ng

RT: 7.897 min Scan# 81

Delta R.T. -0.003 min

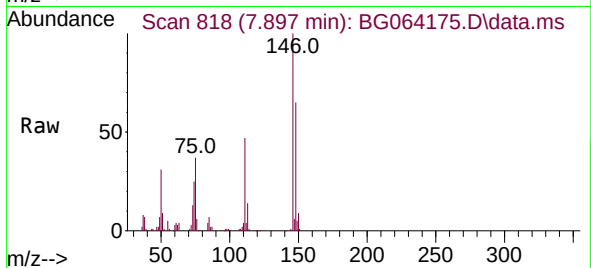
Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :



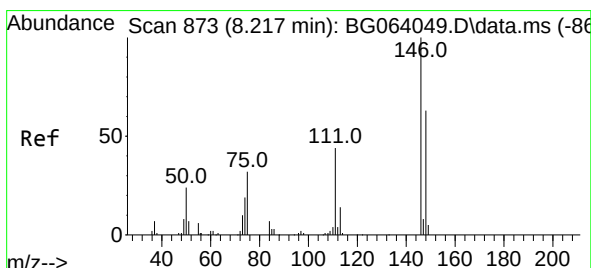
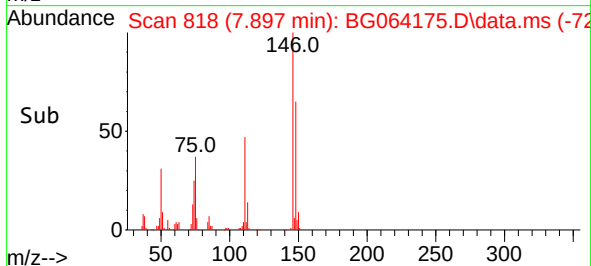
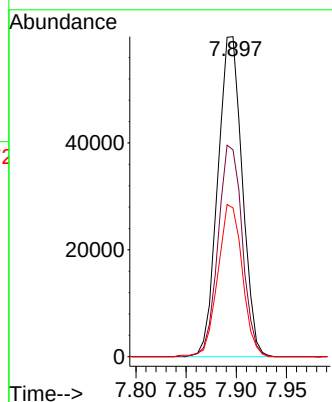
Tgt Ion:146 Resp: 101460

Ion Ratio Lower Upper

146 100

148 64.7 50.6 75.8

111 46.5 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 48.800 ng

RT: 8.208 min Scan# 871

Delta R.T. -0.009 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

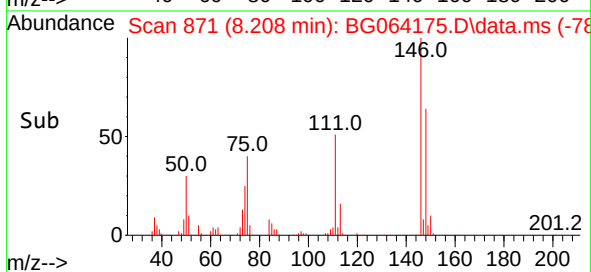
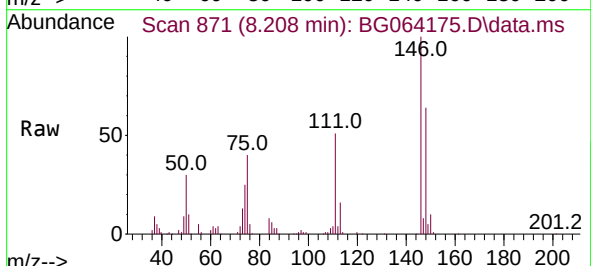
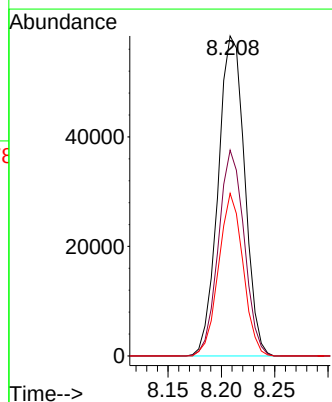
Tgt Ion:146 Resp: 101004

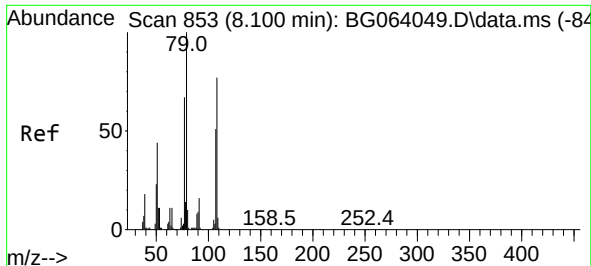
Ion Ratio Lower Upper

146 100

148 64.3 50.2 75.2

111 50.8 36.4 54.6

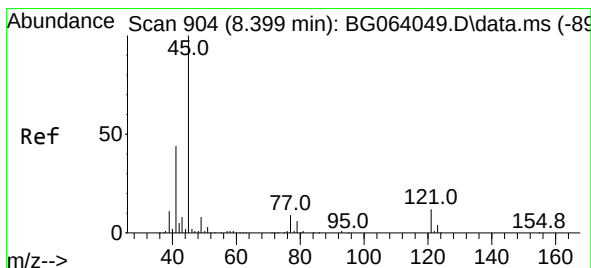
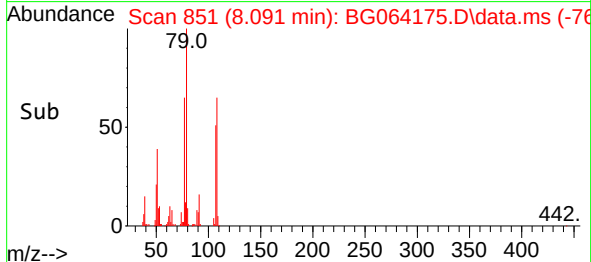
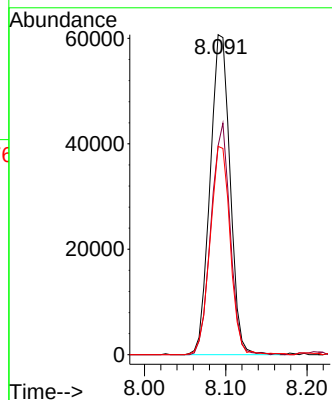
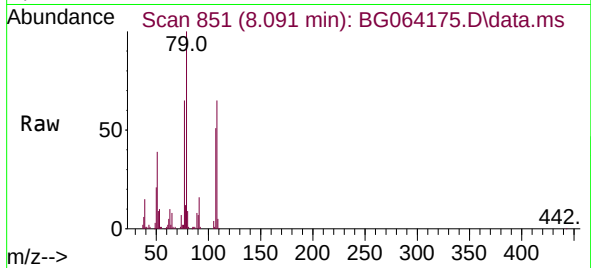




#15
Benzyl Alcohol
Concen: 55.540 ng
RT: 8.091 min Scan# 80
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

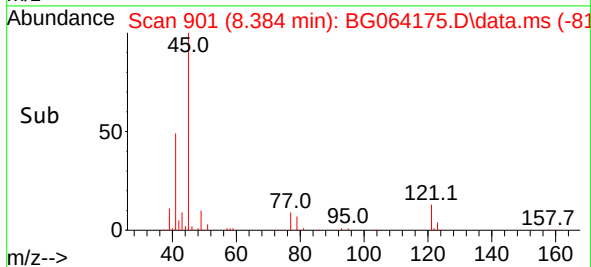
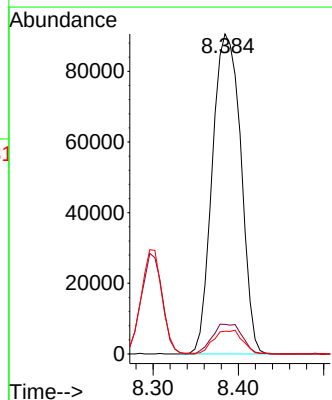
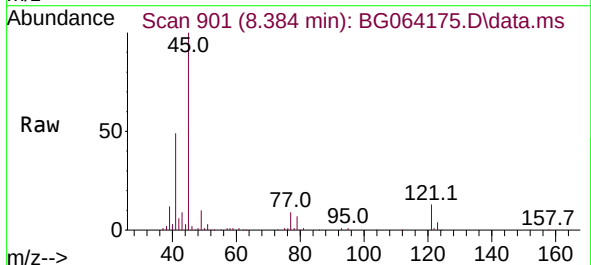
Instrument :
BNA_G
ClientSampleId :

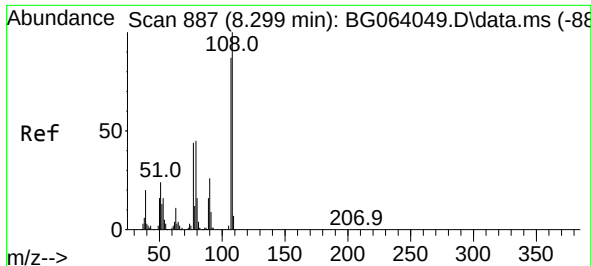
Tgt Ion: 79 Resp: 103667
Ion Ratio Lower Upper
79 100
108 65.3 61.7 92.5
77 65.1 53.9 80.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 48.138 ng
RT: 8.384 min Scan# 901
Delta R.T. -0.015 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

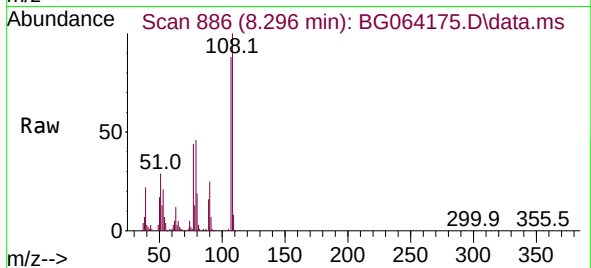
Tgt Ion: 45 Resp: 209856
Ion Ratio Lower Upper
45 100
77 9.2 0.0 29.0
79 7.1 0.0 26.6





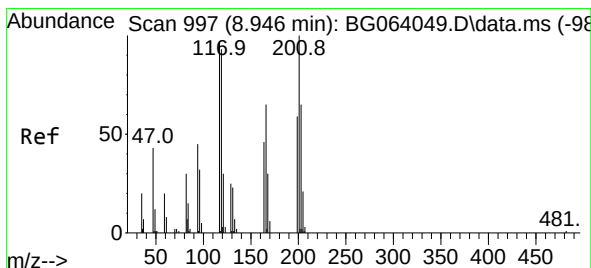
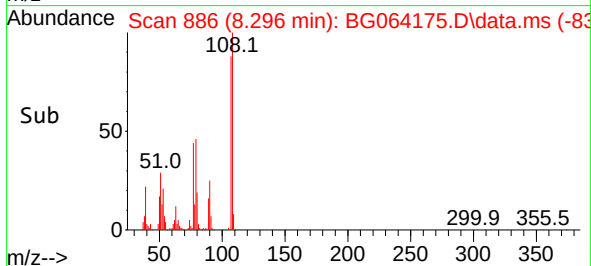
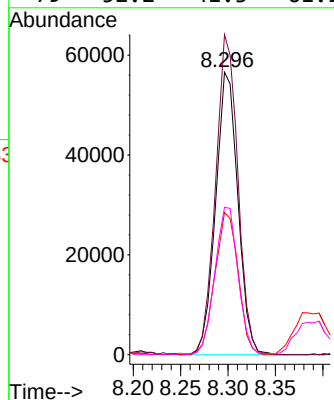
#17
2-Methylphenol
Concen: 56.460 ng
RT: 8.296 min Scan# 887
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:107 Resp: 92668

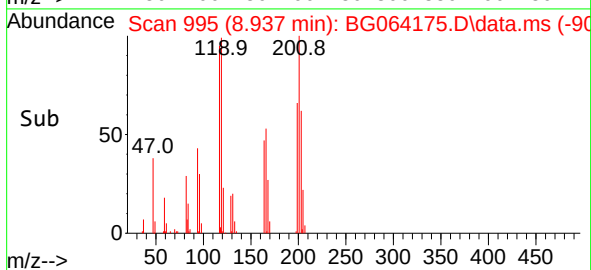
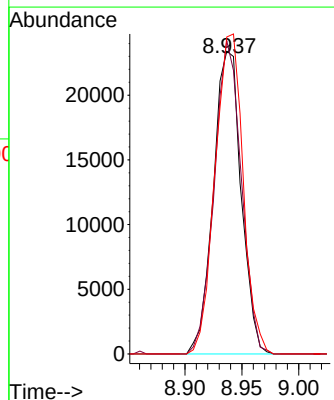
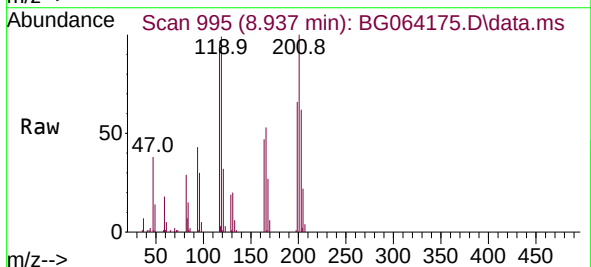
Ion	Ratio	Lower	Upper
107	100		
108	113.2	92.5	138.7
77	50.4	40.5	60.7
79	52.2	41.3	61.9

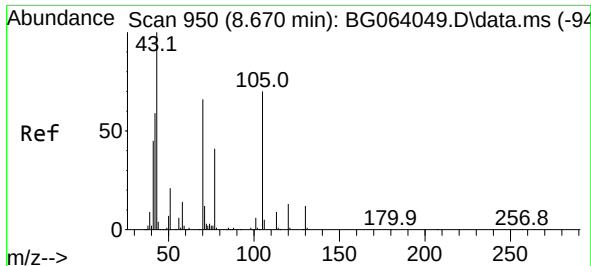


#18
Hexachloroethane
Concen: 53.115 ng
RT: 8.937 min Scan# 995
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Tgt Ion:117 Resp: 39888

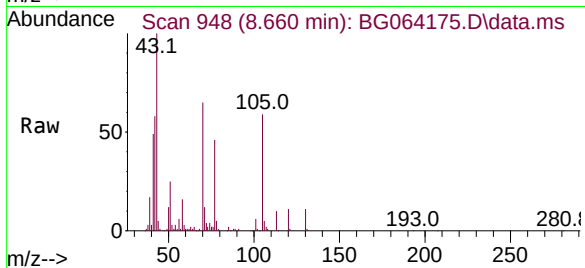
Ion	Ratio	Lower	Upper
117	100		
119	103.5	76.2	114.2
201	104.7	81.5	122.3



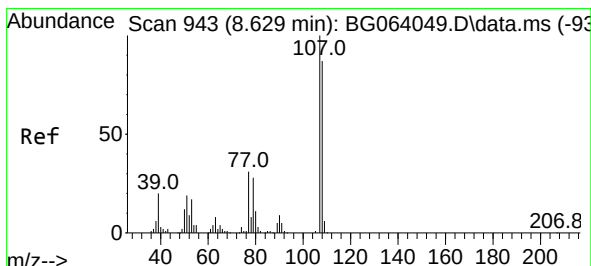
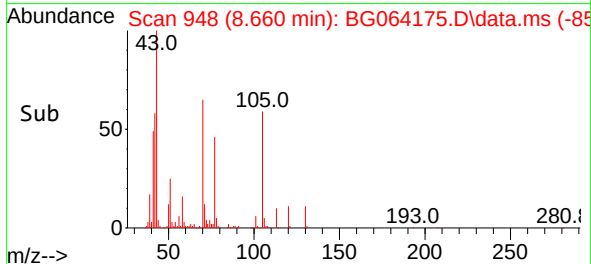
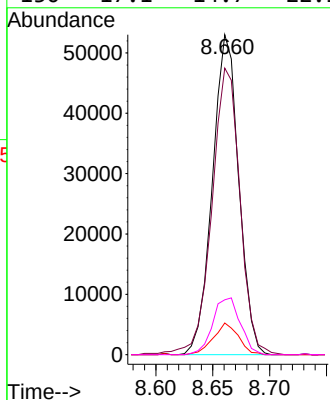


#19
n-Nitroso-di-n-propylamine
Concen: 50.417 ng
RT: 8.660 min Scan# 948
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Instrument :
BNA_G
ClientSampleId :

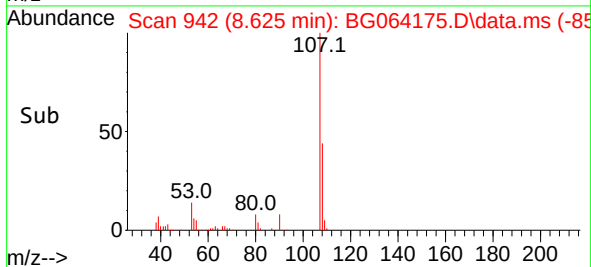
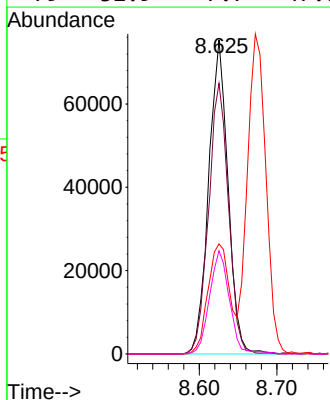
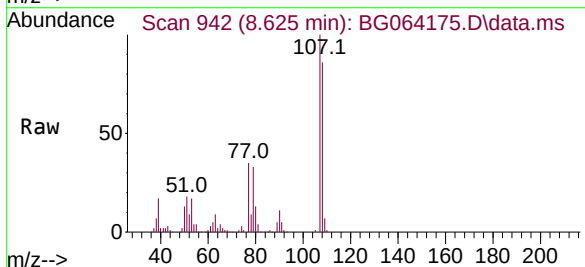


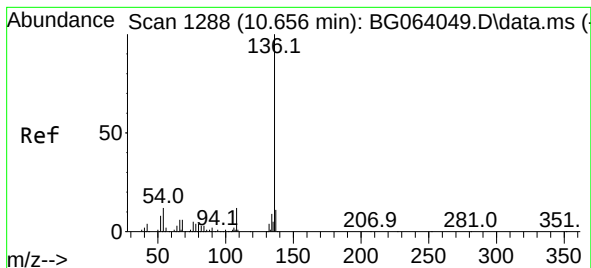
Tgt Ion: 70 Resp: 85464
Ion Ratio Lower Upper
70 100
42 89.6 72.1 108.1
101 9.9 7.2 10.8
130 17.1 14.7 22.1



#20
3+4-Methylphenols
Concen: 57.767 ng
RT: 8.625 min Scan# 942
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Tgt Ion: 107 Resp: 130529
Ion Ratio Lower Upper
107 100
108 86.1 67.0 107.0
77 35.1 11.2 51.2
79 32.9 7.7 47.7



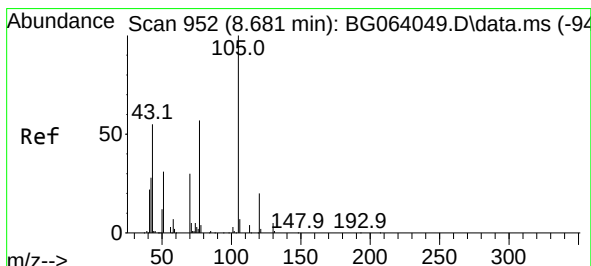
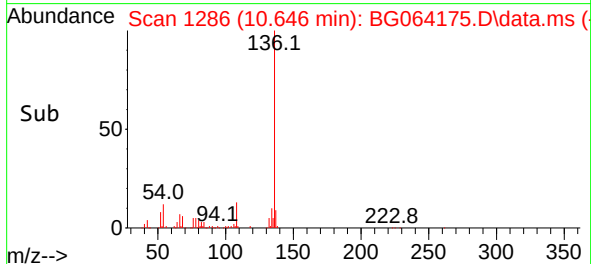
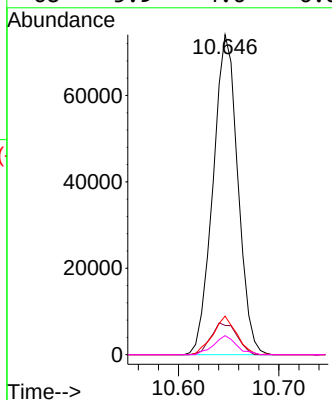
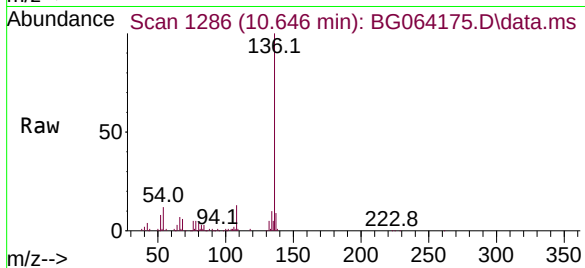


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 127043

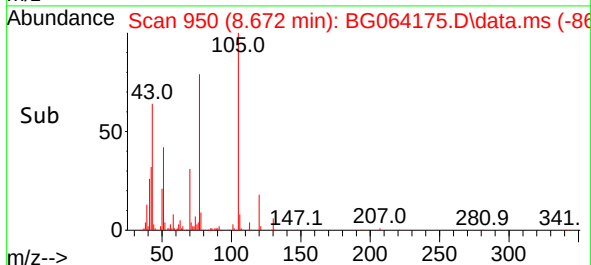
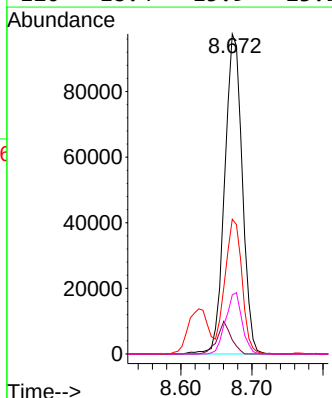
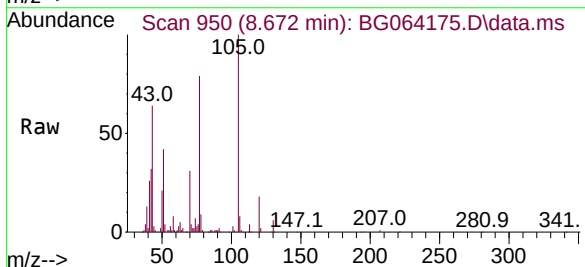
Ion	Ratio	Lower	Upper
136	100		
137	9.2	8.5	12.7
54	12.1	9.9	14.9
68	5.9	4.6	6.8

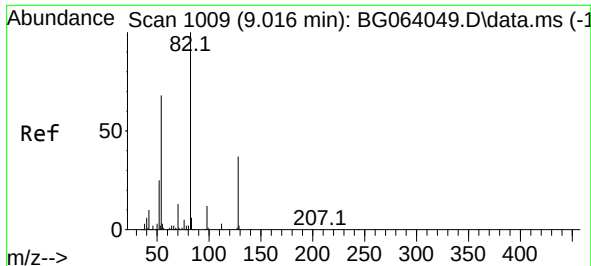


#22
Acetophenone
Concen: 48.026 ng
RT: 8.672 min Scan# 950
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Tgt Ion:105 Resp: 167288

Ion	Ratio	Lower	Upper
105	100		
71	4.4	4.2	6.4
51	42.1	33.3	49.9
120	18.4	15.9	23.9

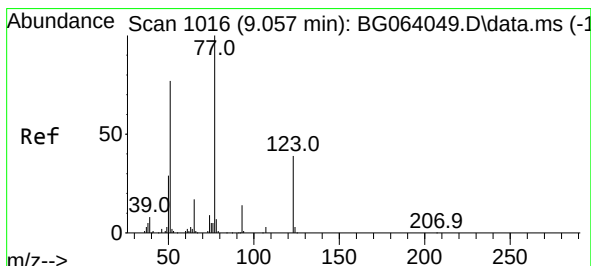
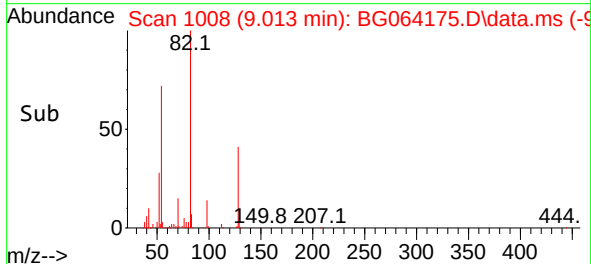
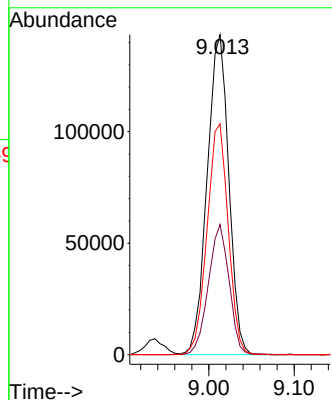
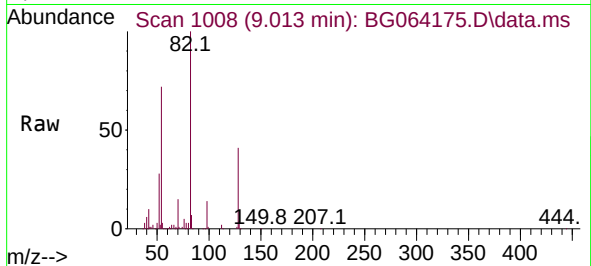




#23
Nitrobenzene-d5
Concen: 109.980 ng
RT: 9.013 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

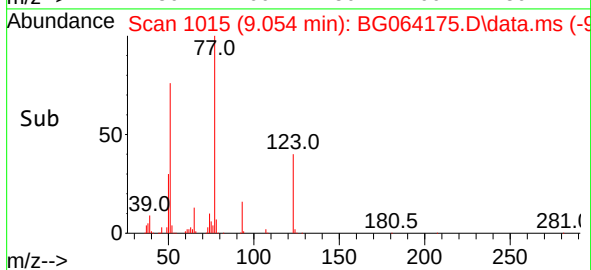
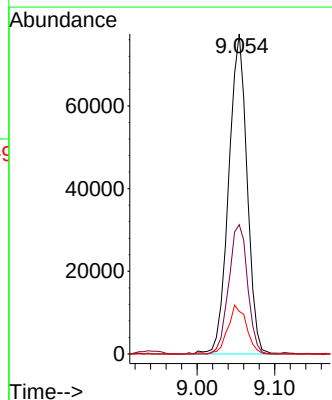
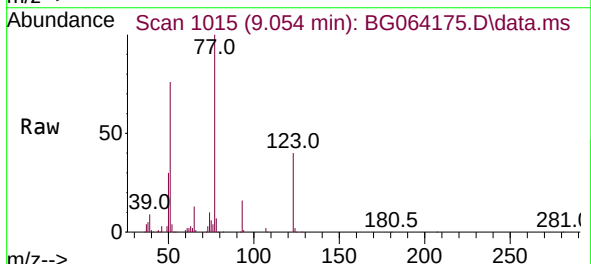
Instrument :
BNA_G
ClientSampleId :

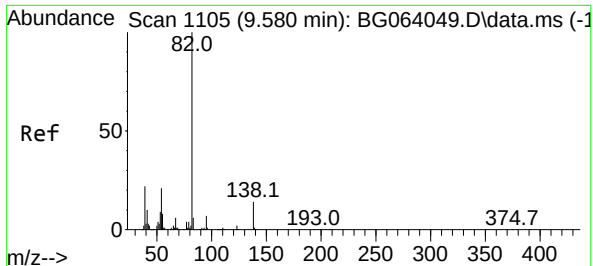
Tgt Ion: 82 Resp: 252836
Ion Ratio Lower Upper
82 100
128 40.7 30.0 45.0
54 72.2 54.7 82.1



#24
Nitrobenzene
Concen: 53.672 ng
RT: 9.054 min Scan# 1015
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

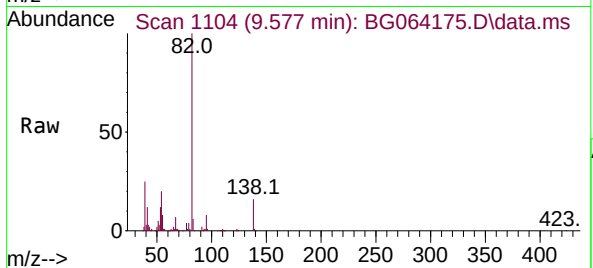
Tgt Ion: 77 Resp: 127515
Ion Ratio Lower Upper
77 100
123 40.4 31.4 47.2
65 13.3 13.4 20.0#



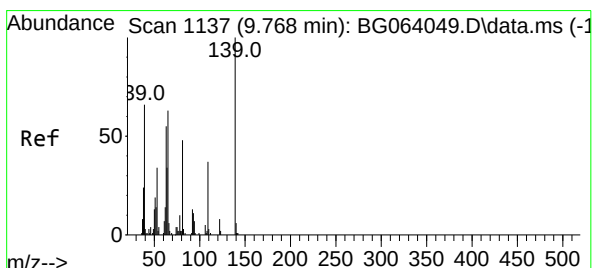
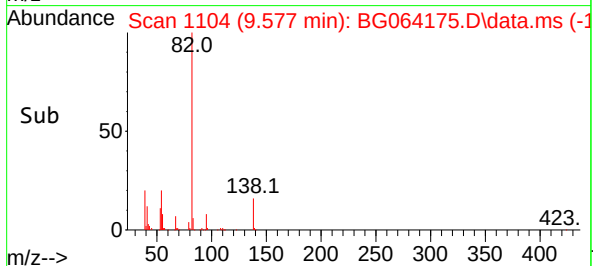
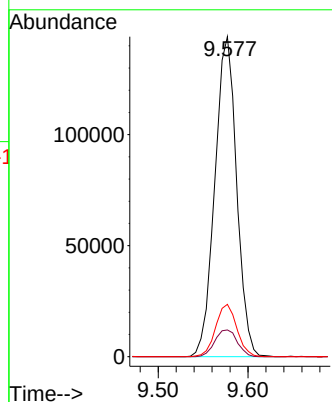


#25
Isophorone
Concen: 52.797 ng
RT: 9.577 min Scan# 1104
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Instrument :
BNA_G
ClientSampleId :

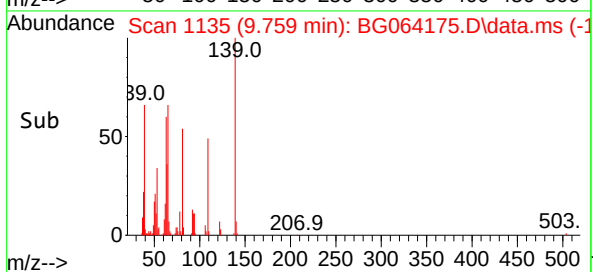
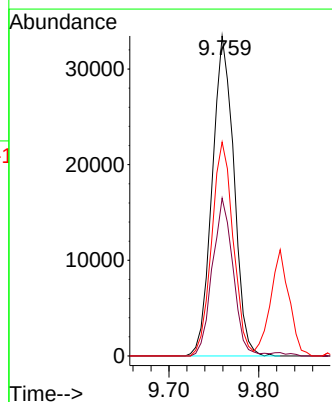
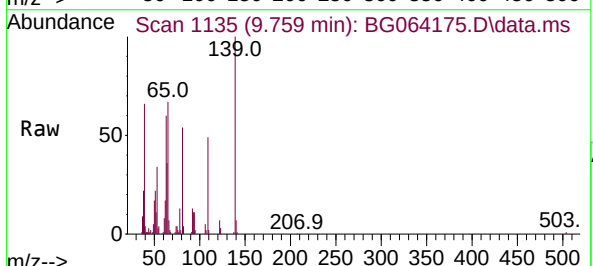


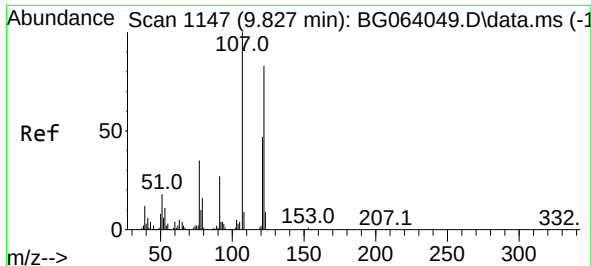
Tgt Ion: 82 Resp: 242940
Ion Ratio Lower Upper
82 100
95 8.4 5.8 8.8
138 16.3 10.9 16.3#



#26
2-Nitrophenol
Concen: 63.620 ng
RT: 9.759 min Scan# 1135
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Tgt Ion:139 Resp: 56117
Ion Ratio Lower Upper
139 100
109 49.3 29.9 44.9#
65 66.8 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 82.542 ng

RT: 9.824 min Scan# 1146

Delta R.T. -0.003 min

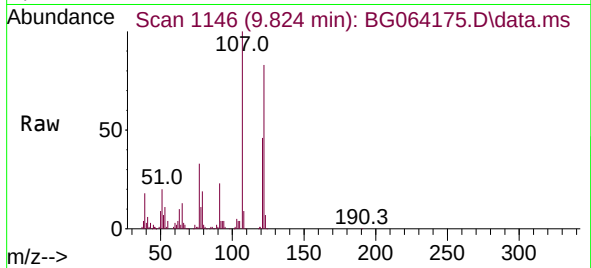
Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :



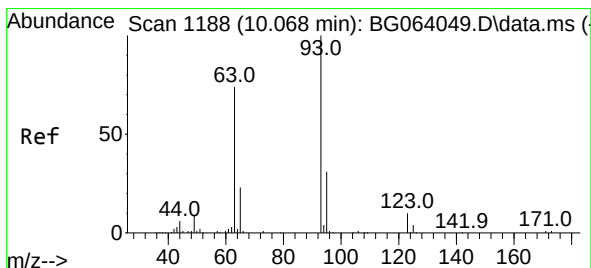
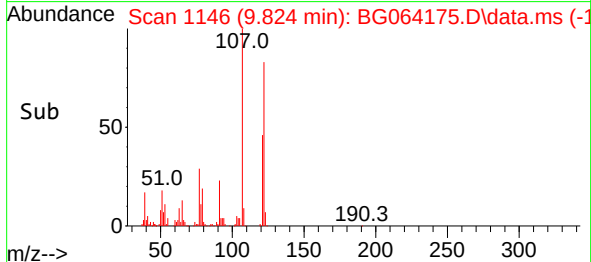
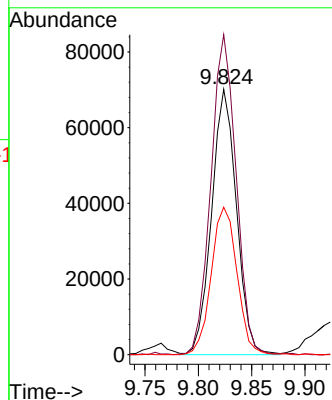
Tgt Ion:122 Resp: 113861

Ion Ratio Lower Upper

122 100

107 120.5 95.4 143.0

121 55.6 44.9 67.3



#28

bis(2-Chloroethoxy)methane

Concen: 49.641 ng

RT: 10.059 min Scan# 1186

Delta R.T. -0.009 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

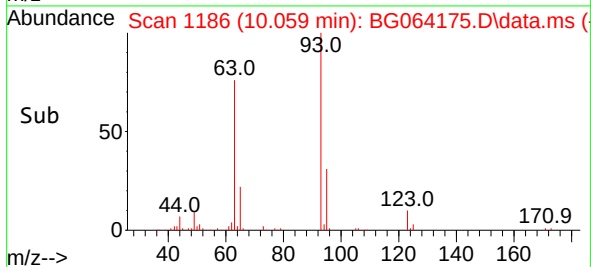
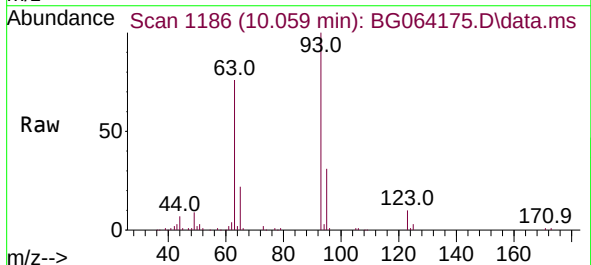
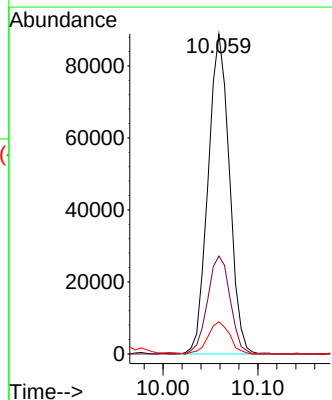
Tgt Ion: 93 Resp: 138485

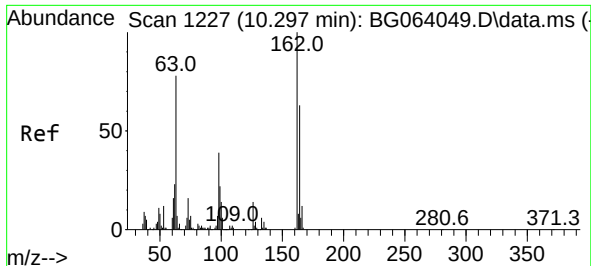
Ion Ratio Lower Upper

93 100

95 30.6 25.0 37.4

123 10.0 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 60.386 ng

RT: 10.294 min Scan# 1226

Delta R.T. -0.003 min

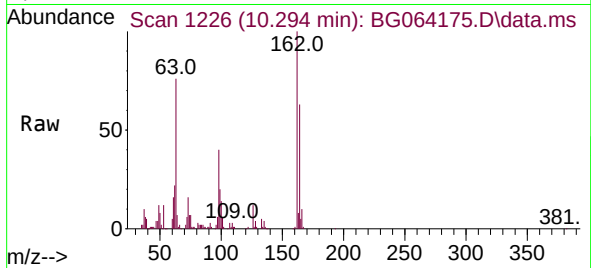
Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :



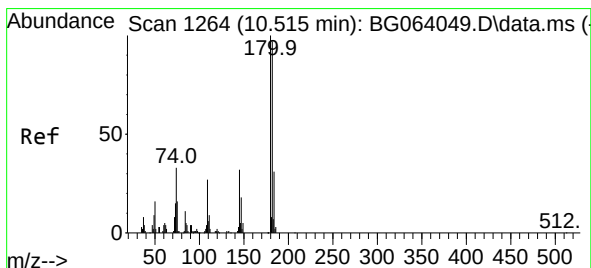
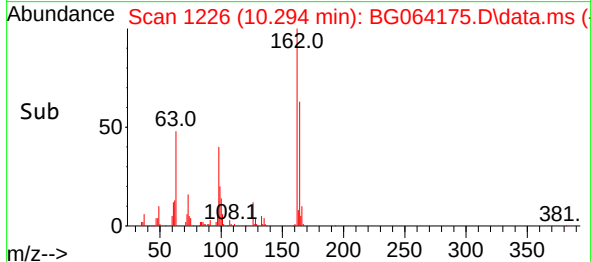
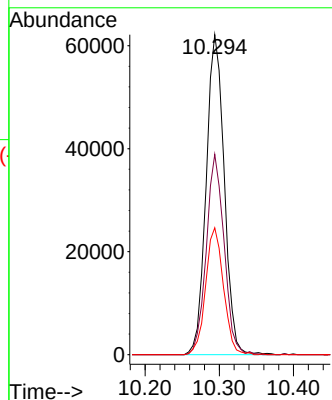
Tgt Ion:162 Resp: 105181

Ion Ratio Lower Upper

162 100

164 62.6 42.8 82.8

98 39.7 19.1 59.1



#30

1,2,4-Trichlorobenzene

Concen: 50.900 ng

RT: 10.511 min Scan# 1263

Delta R.T. -0.003 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

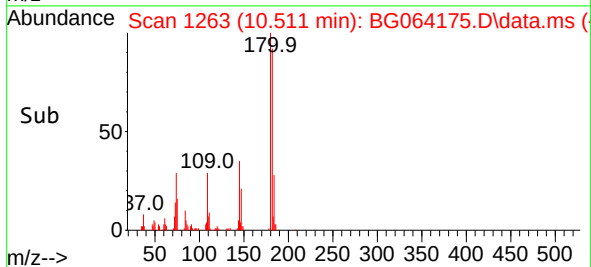
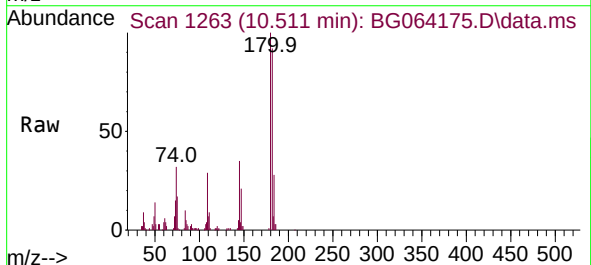
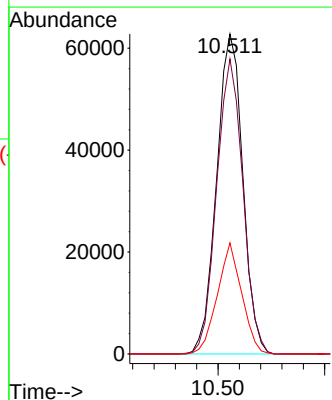
Tgt Ion:180 Resp: 107026

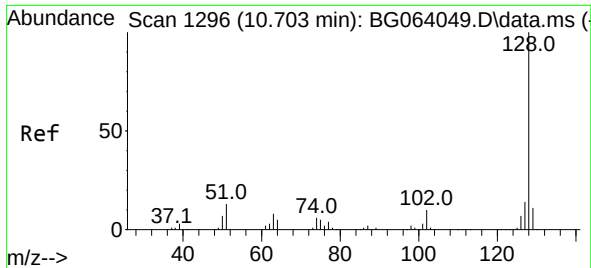
Ion Ratio Lower Upper

180 100

182 92.2 77.3 115.9

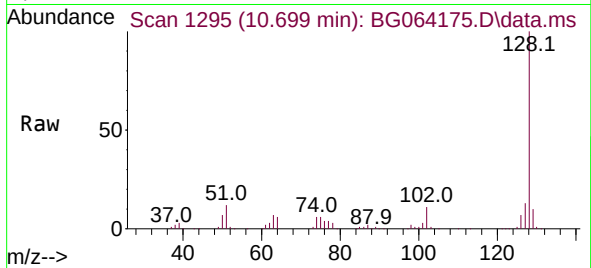
145 34.7 25.2 37.8



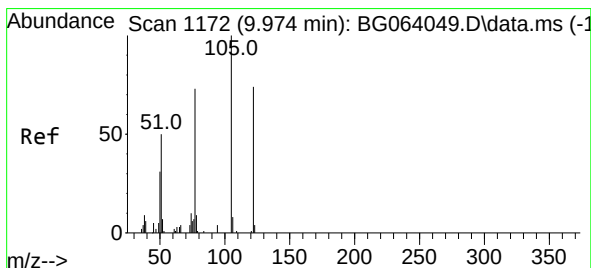
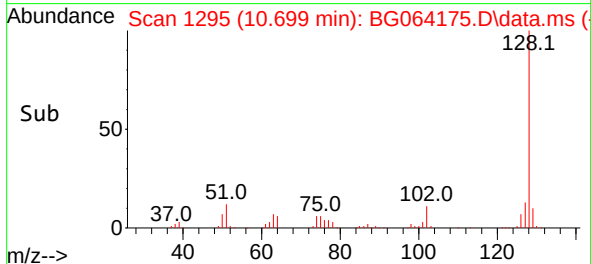
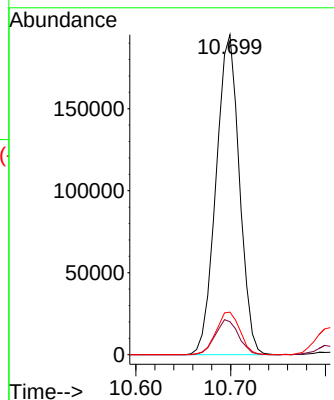


#31
Naphthalene
Concen: 48.686 ng
RT: 10.699 min Scan# 1172
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Instrument :
BNA_G
ClientSampleId :

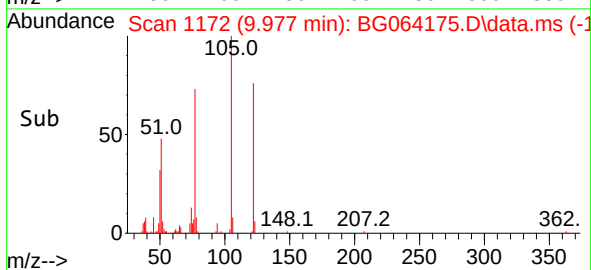
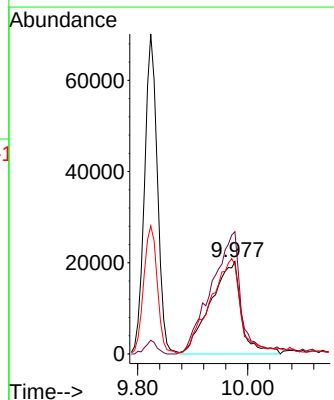
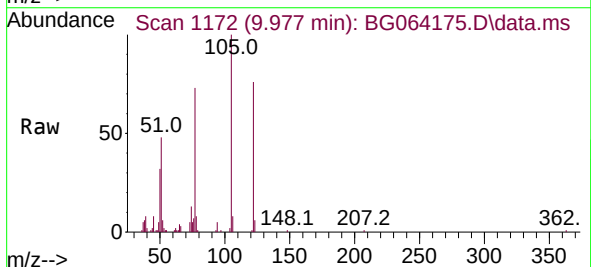


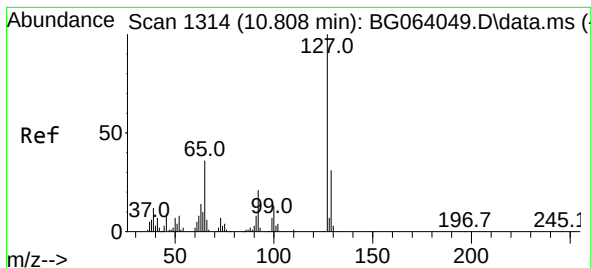
Tgt Ion:128 Resp: 333528
Ion Ratio Lower Upper
128 100
129 10.3 8.4 12.6
127 13.3 11.1 16.7



#32
Benzoic acid
Concen: 59.641 ng
RT: 9.977 min Scan# 1172
Delta R.T. 0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Tgt Ion:122 Resp: 78807
Ion Ratio Lower Upper
122 100
105 132.2 115.0 155.0
77 96.7 80.9 120.9

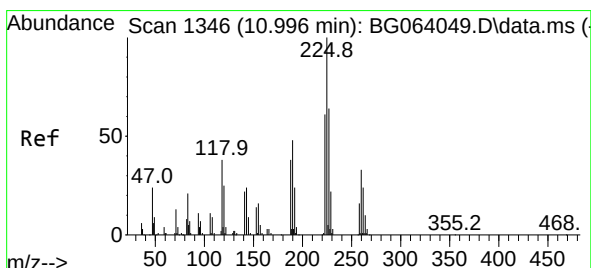
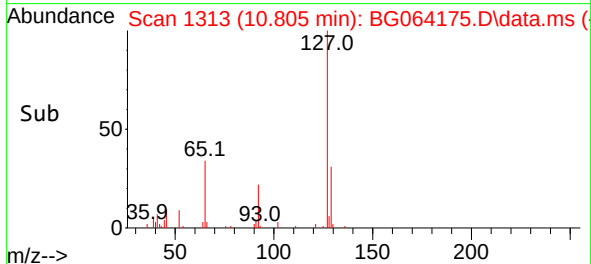
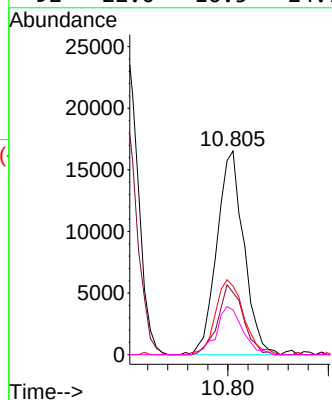
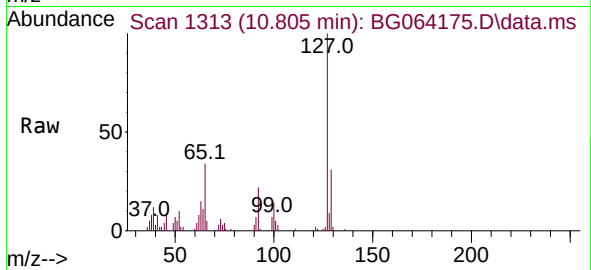




#33
4-Chloroaniline
Concen: 12.319 ng
RT: 10.805 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

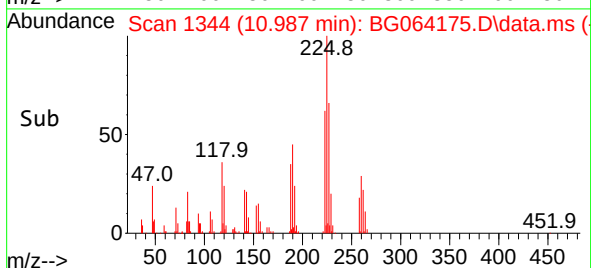
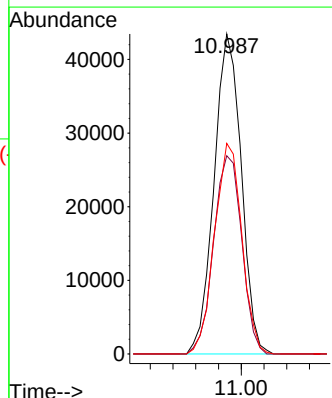
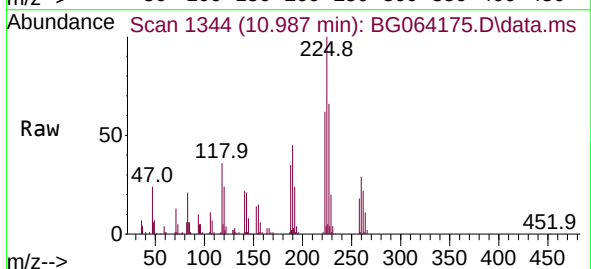
Instrument :
BNA_G
ClientSampleId :

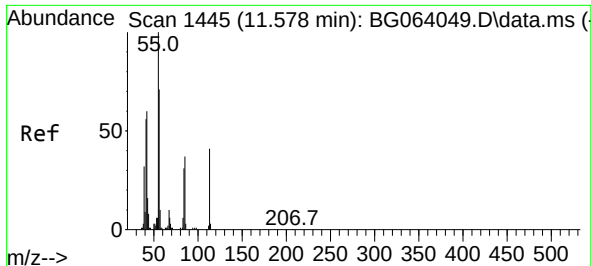
Tgt Ion:	127	Resp:	30844
Ion Ratio	Lower	Upper	
127	100		
129	30.5	25.0	37.4
65	33.7	28.5	42.7
92	22.0	16.5	24.7



#34
Hexachlorobutadiene
Concen: 52.355 ng
RT: 10.987 min Scan# 1344
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Tgt Ion:	225	Resp:	72158
Ion Ratio	Lower	Upper	
225	100		
223	62.0	48.5	72.7
227	69.3	51.0	76.6

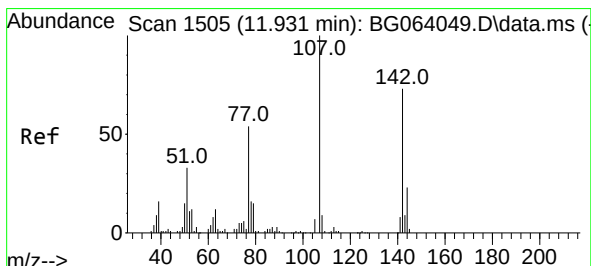
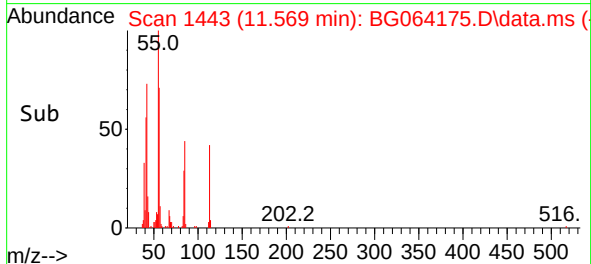
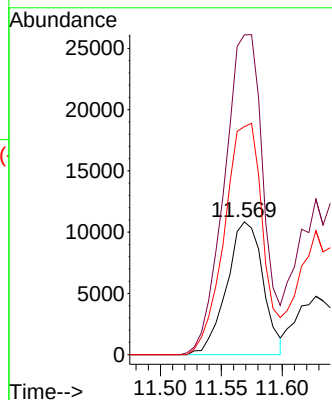
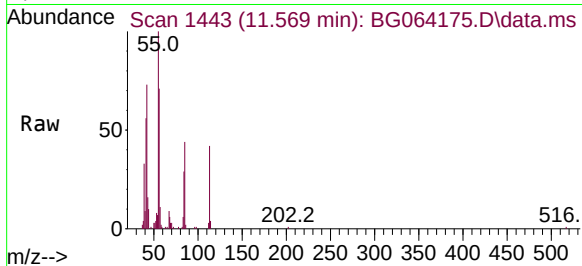




#35
Caprolactam
Concen: 33.630 ng
RT: 11.569 min Scan# 1445
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

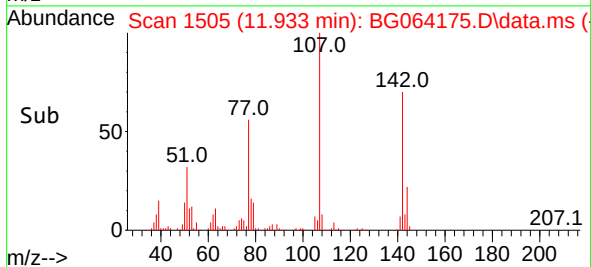
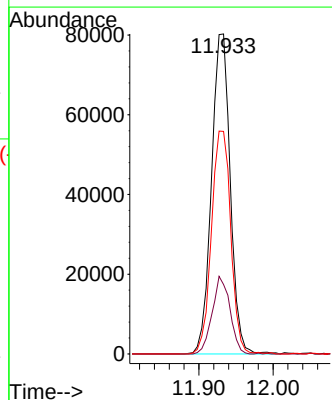
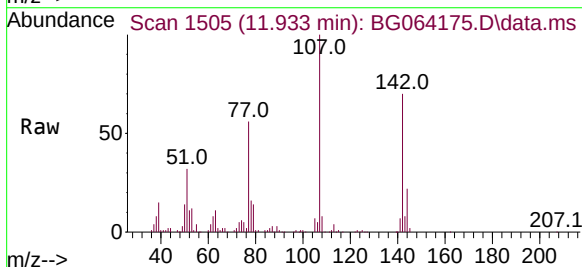
Instrument :
BNA_G
ClientSampleId :

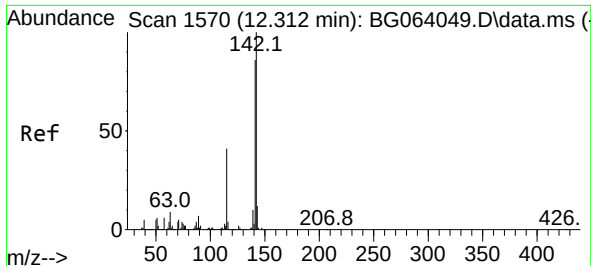
Tgt Ion:113 Resp: 22448
Ion Ratio Lower Upper
113 100
55 240.9 225.2 265.2
56 171.8 153.4 193.4



#36
4-Chloro-3-methylphenol
Concen: 61.757 ng
RT: 11.933 min Scan# 1505
Delta R.T. 0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Tgt Ion:107 Resp: 141004
Ion Ratio Lower Upper
107 100
144 21.7 18.6 28.0
142 69.5 58.0 87.0

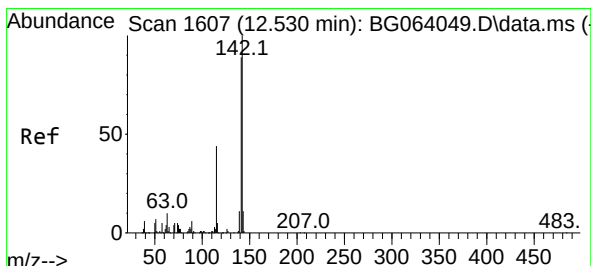
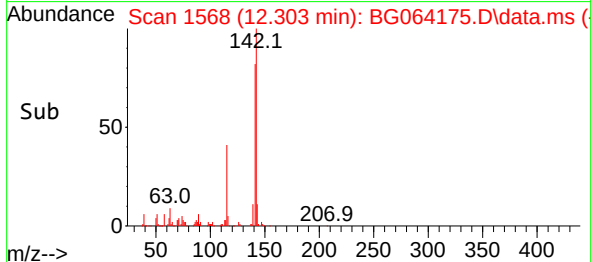
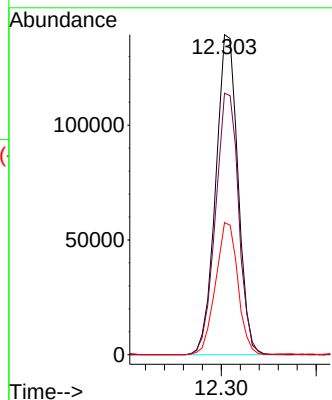
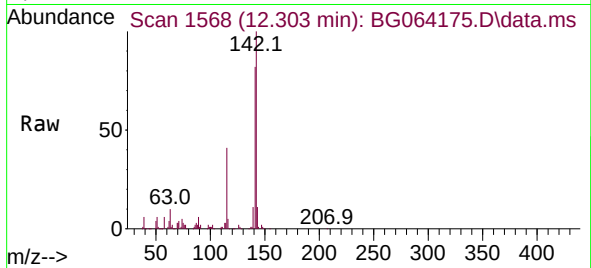




#37
2-Methylnaphthalene
Concen: 46.937 ng
RT: 12.303 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

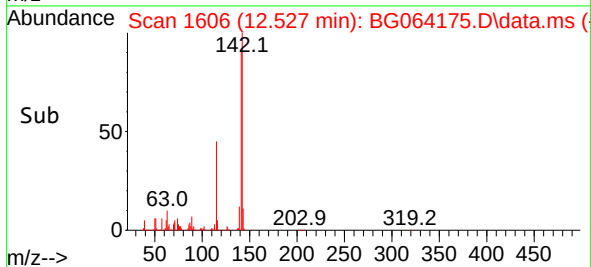
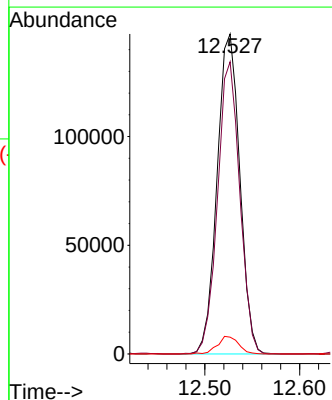
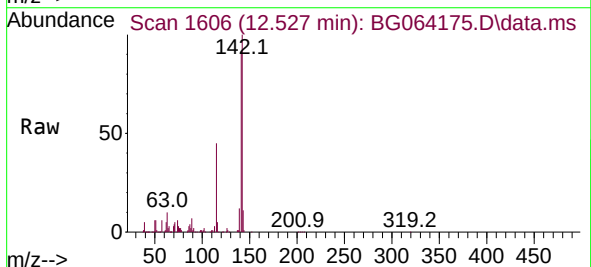
Instrument :
BNA_G
ClientSampleId :

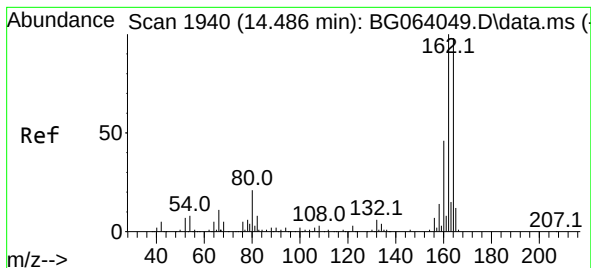
Tgt Ion:142 Resp: 226997
Ion Ratio Lower Upper
142 100
141 81.7 68.6 103.0
115 41.3 32.8 49.2



#38
1-Methylnaphthalene
Concen: 51.718 ng
RT: 12.527 min Scan# 1606
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Tgt Ion:142 Resp: 245040
Ion Ratio Lower Upper
142 100
141 91.3 71.2 106.8
116 5.2 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.483 min Scan# 1940

Delta R.T. -0.003 min

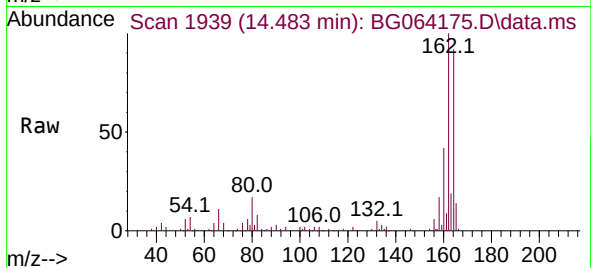
Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :



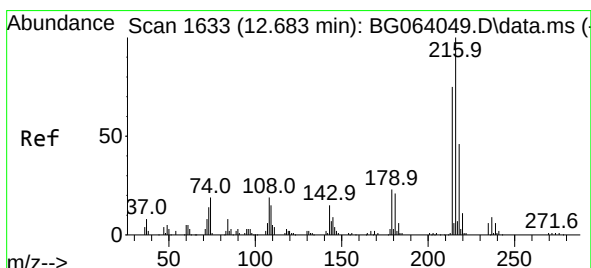
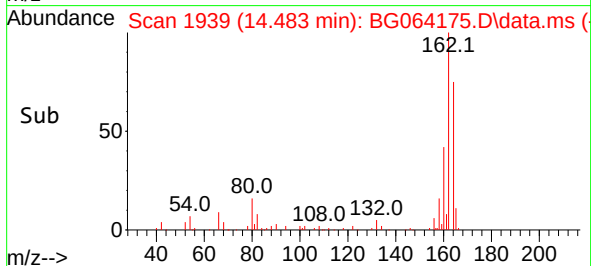
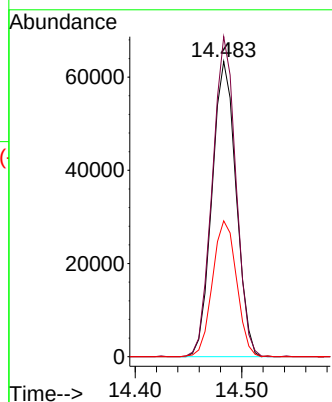
Tgt Ion:164 Resp: 99227

Ion Ratio Lower Upper

164 100

162 108.4 81.4 122.0

160 46.0 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.673 ng

RT: 12.679 min Scan# 1632

Delta R.T. -0.003 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Tgt Ion:216 Resp: 135050

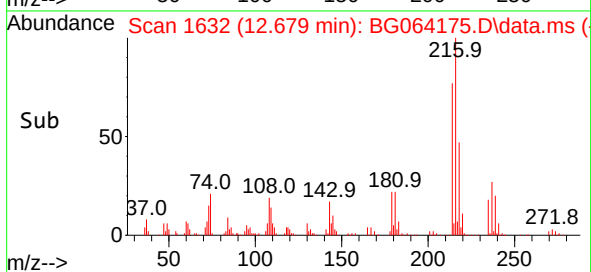
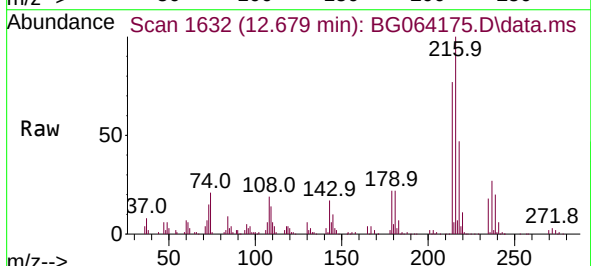
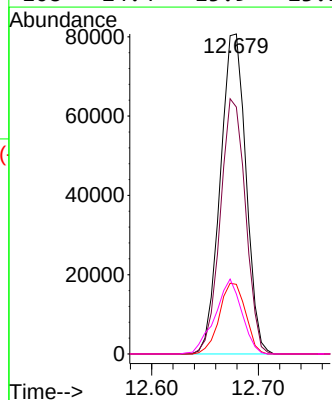
Ion Ratio Lower Upper

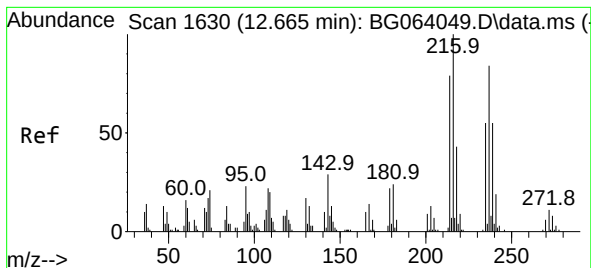
216 100

214 78.2 61.7 92.5

179 22.5 17.9 26.9

108 24.4 15.9 23.9#





#41

Hexachlorocyclopentadiene

Concen: 252.069 ng

RT: 12.662 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :

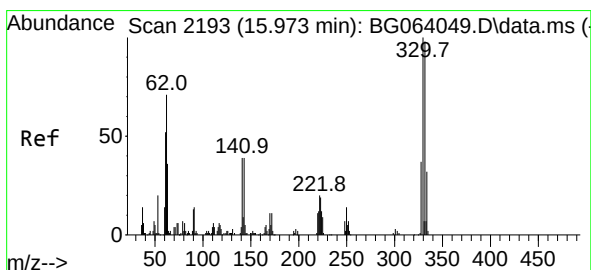
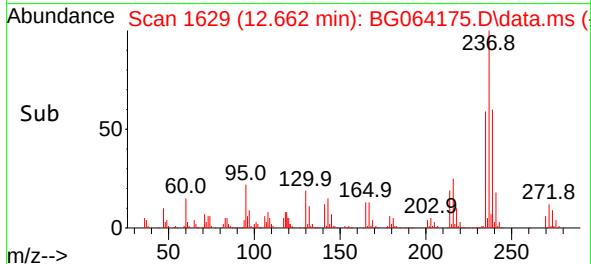
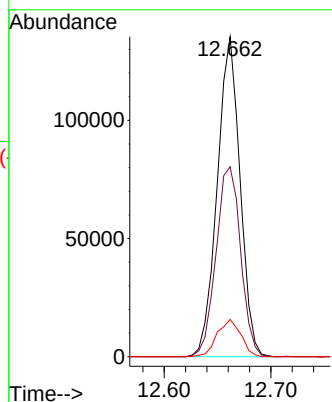
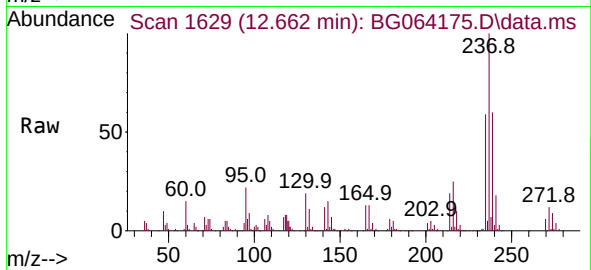
Tgt Ion:237 Resp: 200978

Ion Ratio Lower Upper

237 100

235 59.3 46.0 86.0

272 11.7 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 187.063 ng

RT: 15.970 min Scan# 2192

Delta R.T. -0.003 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

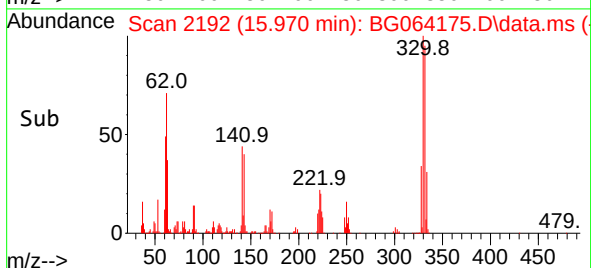
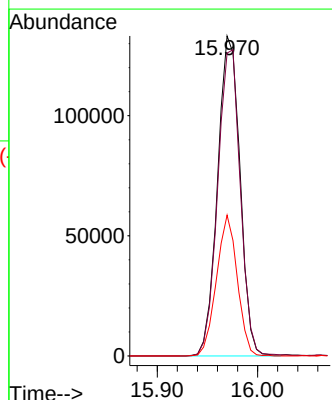
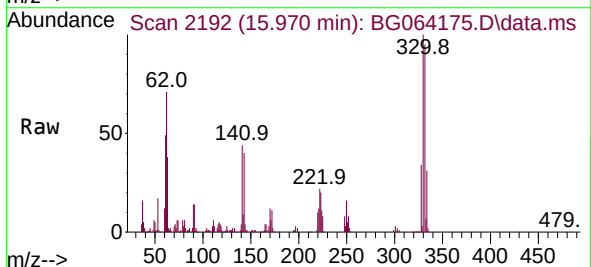
Tgt Ion:330 Resp: 206326

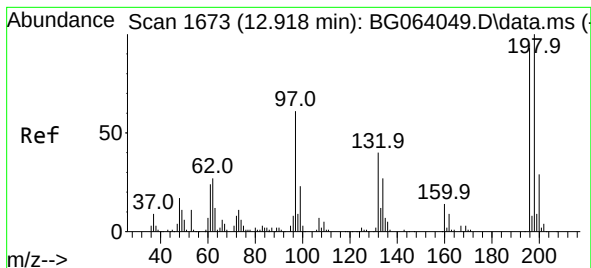
Ion Ratio Lower Upper

330 100

332 96.7 76.7 115.1

141 40.9 29.7 44.5





#43

2,4,6-Trichlorophenol

Concen: 57.356 ng

RT: 12.914 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :

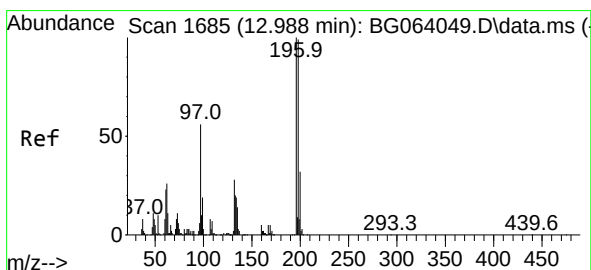
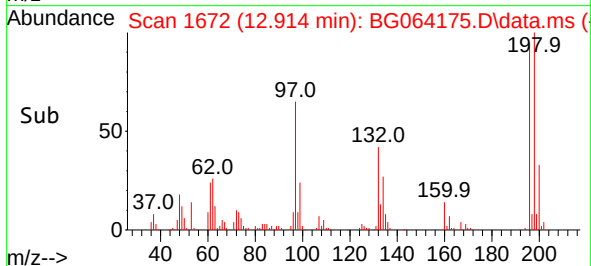
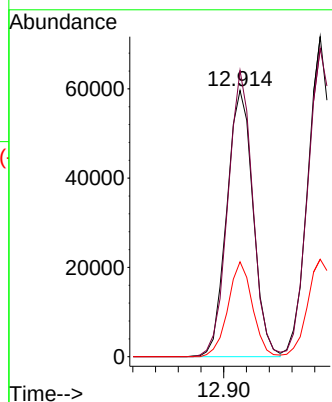
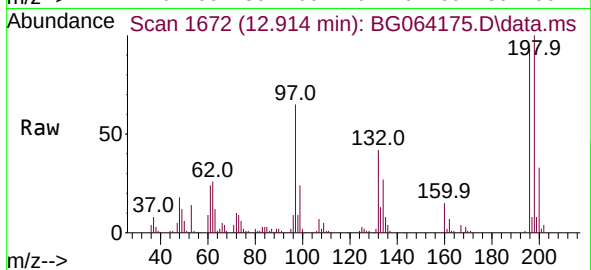
Tgt Ion:196 Resp: 95761

Ion Ratio Lower Upper

196 100

198 107.5 85.6 128.4

200 35.7 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 58.352 ng

RT: 12.985 min Scan# 1684

Delta R.T. -0.003 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Tgt Ion:196 Resp: 108252

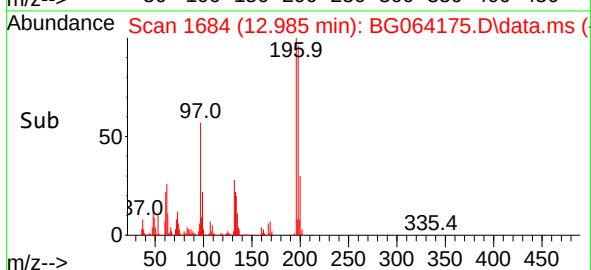
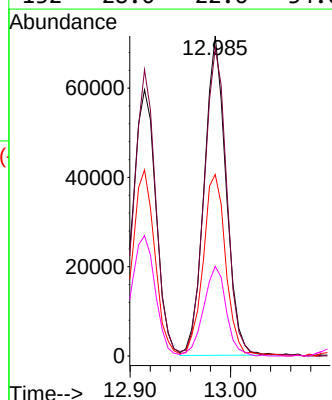
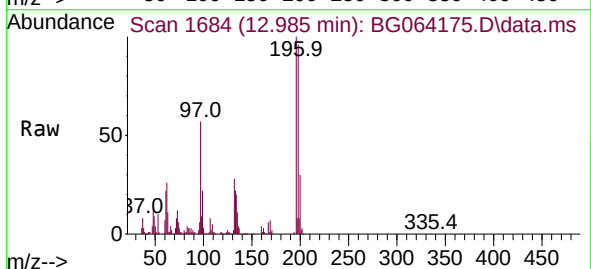
Ion Ratio Lower Upper

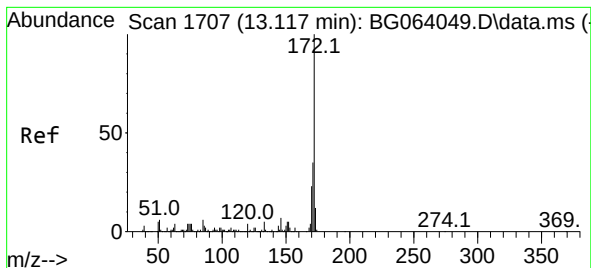
196 100

198 96.3 79.5 119.3

97 56.7 45.2 67.8

132 28.0 22.6 34.0

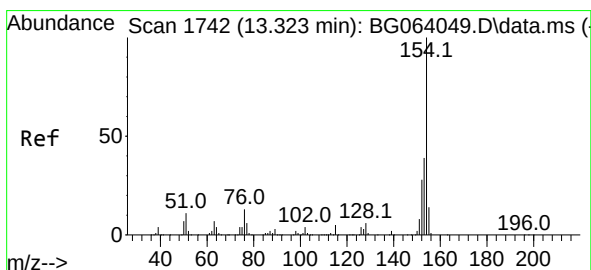
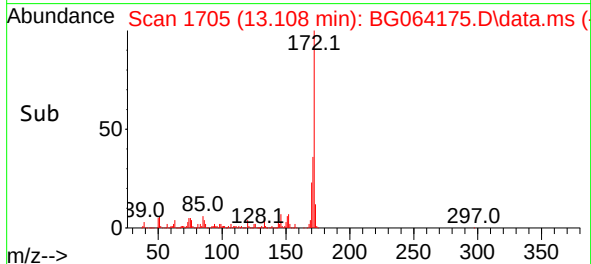
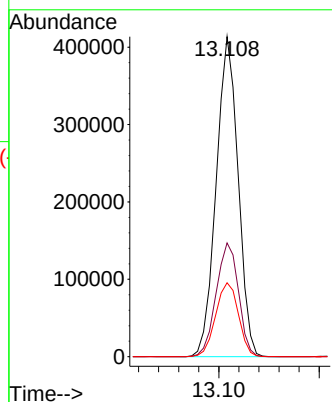
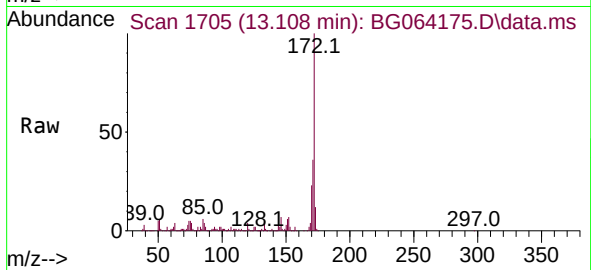




#45
2-Fluorobiphenyl
Concen: 95.716 ng
RT: 13.108 min Scan# 1705
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

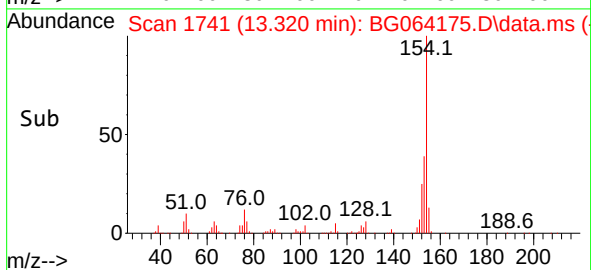
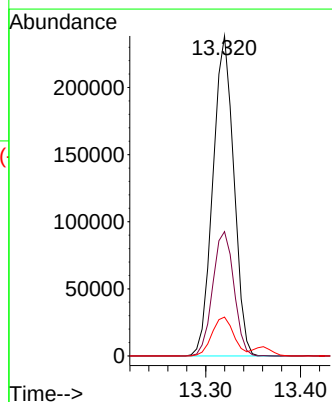
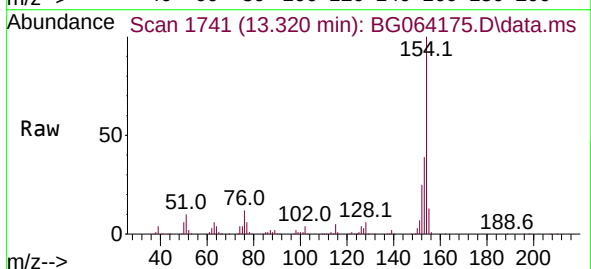
Instrument :
BNA_G
ClientSampleId :

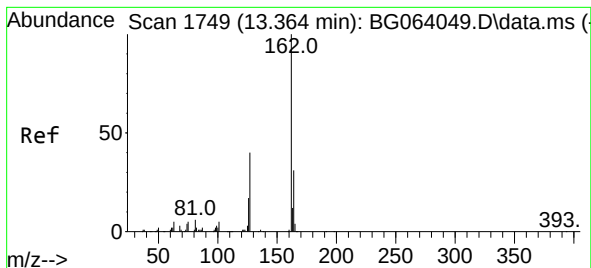
Tgt Ion:172 Resp: 625714
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 23.1 18.7 28.1



#46
1,1'-Biphenyl
Concen: 48.625 ng
RT: 13.320 min Scan# 1741
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Tgt Ion:154 Resp: 364524
Ion Ratio Lower Upper
154 100
153 38.9 19.5 59.5
76 12.2 0.0 33.5

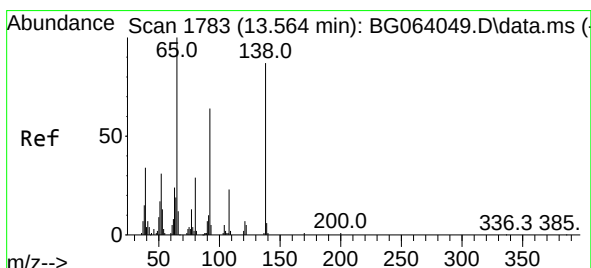
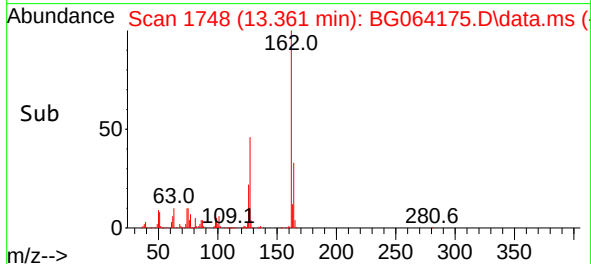
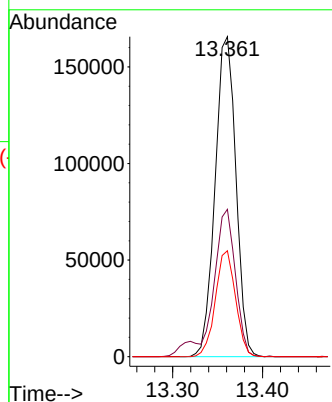
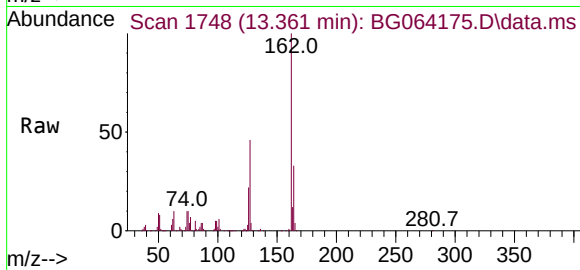




#47
2-Chloronaphthalene
Concen: 48.745 ng
RT: 13.361 min Scan# 1748
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

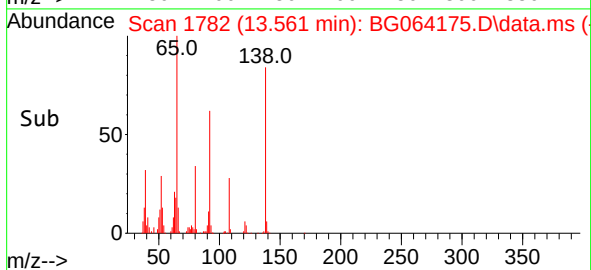
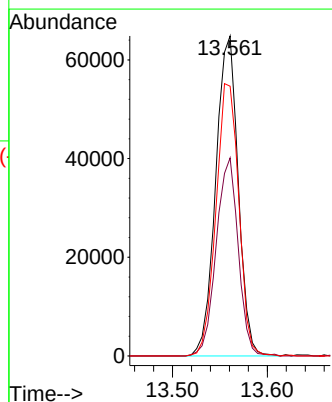
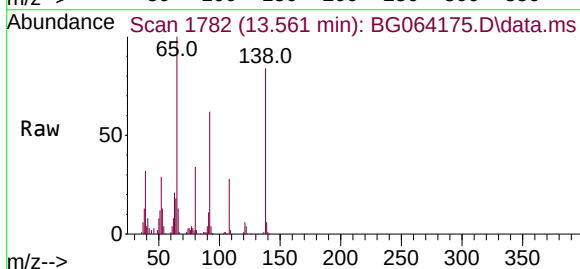
Instrument :
BNA_G
ClientSampleId :

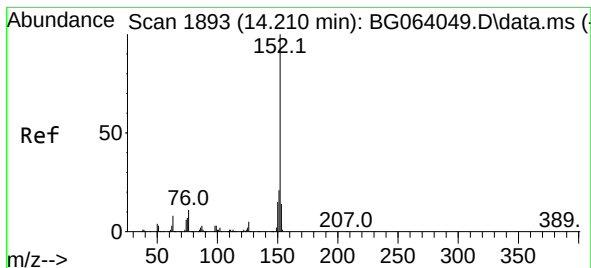
Tgt Ion:162 Resp: 266516
Ion Ratio Lower Upper
162 100
127 46.0 35.0 52.4
164 33.1 25.0 37.6



#48
2-Nitroaniline
Concen: 56.697 ng
RT: 13.561 min Scan# 1782
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Tgt Ion: 65 Resp: 106702
Ion Ratio Lower Upper
65 100
92 61.9 51.2 76.8
138 84.3 69.4 104.2





#49

Acenaphthylene

Concen: 53.637 ng

RT: 14.207 min Scan# 1892

Delta R.T. -0.003 min

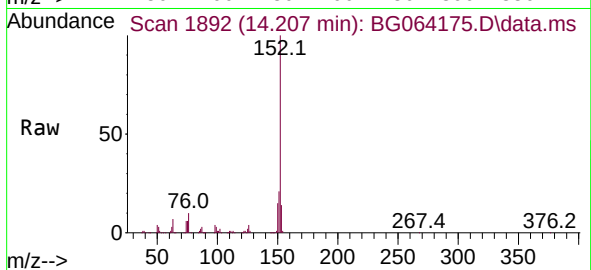
Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :



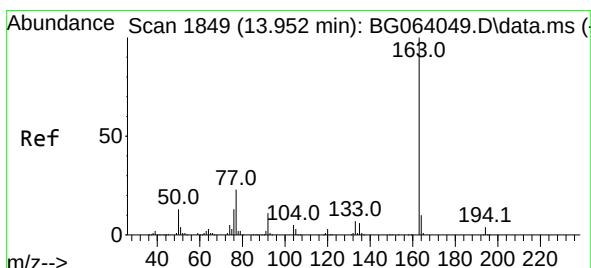
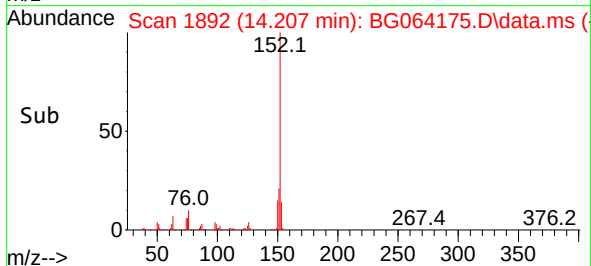
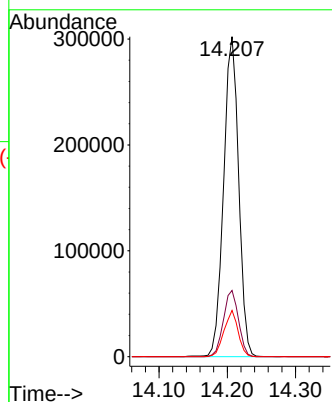
Tgt Ion:152 Resp: 463864

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

153 14.4 10.9 16.3



#50

Dimethylphthalate

Concen: 51.027 ng

RT: 13.943 min Scan# 1847

Delta R.T. -0.009 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

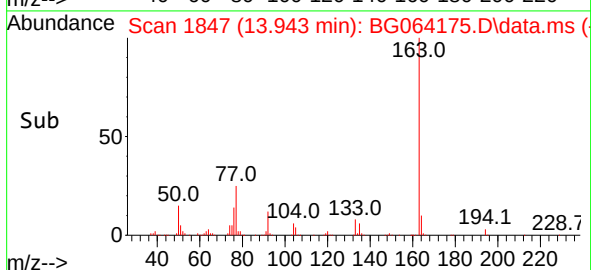
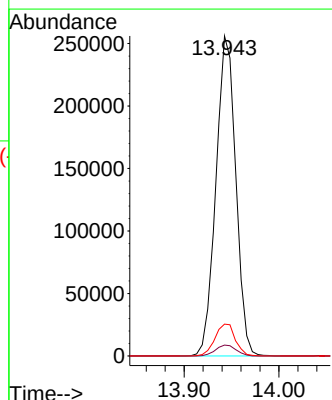
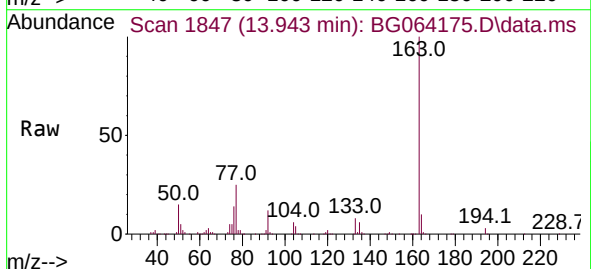
Tgt Ion:163 Resp: 373757

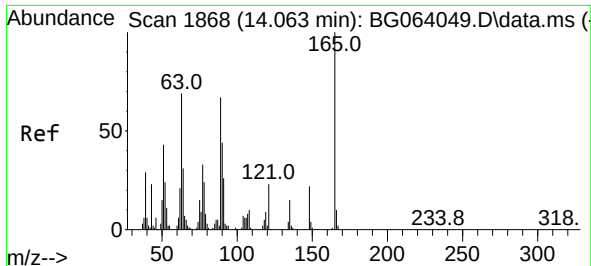
Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

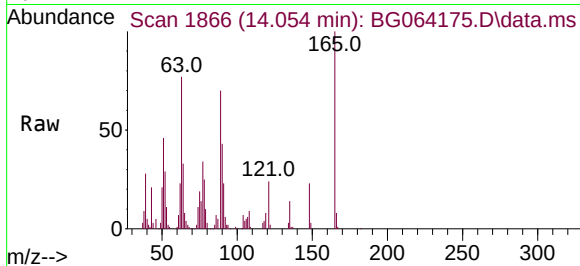
164 9.9 8.2 12.2



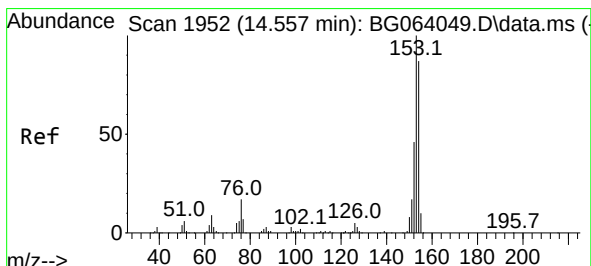
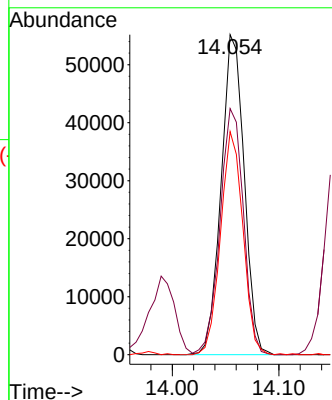
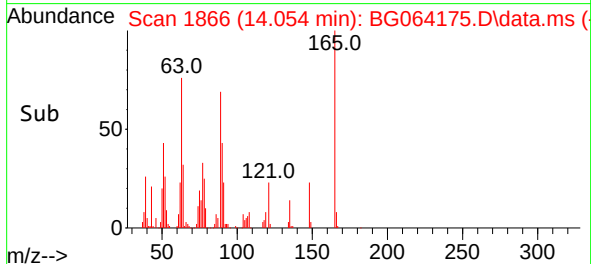


#51
 2,6-Dinitrotoluene
 Concen: 55.081 ng
 RT: 14.054 min Scan# 1866
 Delta R.T. -0.009 min
 Lab File: BG064175.D
 Acq: 3 Apr 2025 20:38

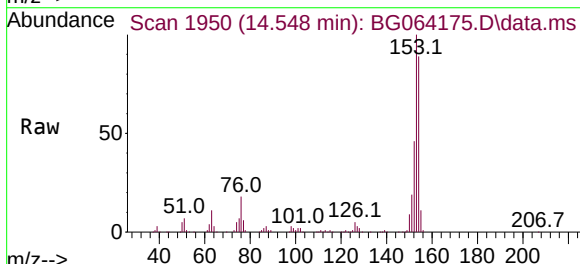
Instrument :
 BNA_G
 ClientSampleId :



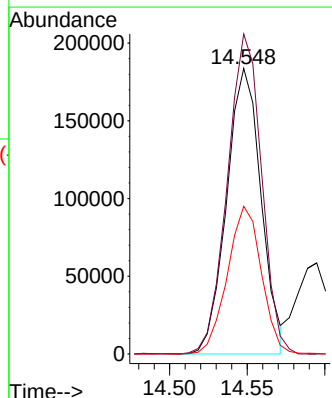
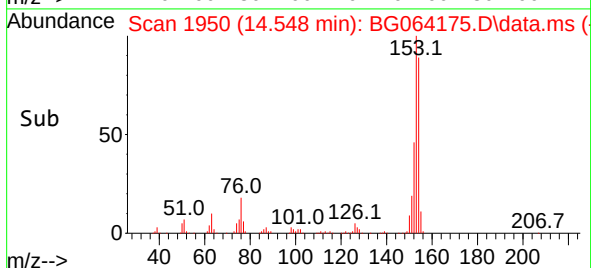
Tgt Ion:	165	Resp:	82641
Ion Ratio	Lower	Upper	
165	100		
63	76.9	56.7	85.1
89	69.7	53.7	80.5

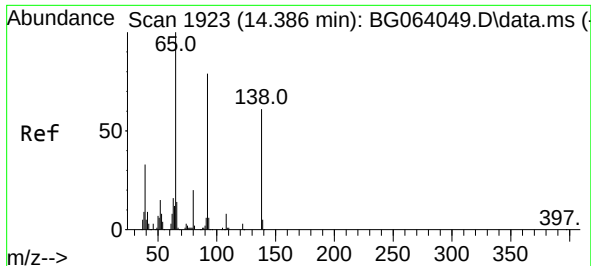


#52
 Acenaphthene
 Concen: 48.819 ng
 RT: 14.548 min Scan# 1950
 Delta R.T. -0.009 min
 Lab File: BG064175.D
 Acq: 3 Apr 2025 20:38



Tgt Ion:	154	Resp:	283336
Ion Ratio	Lower	Upper	
154	100		
153	112.1	91.6	137.4
152	51.7	42.5	63.7

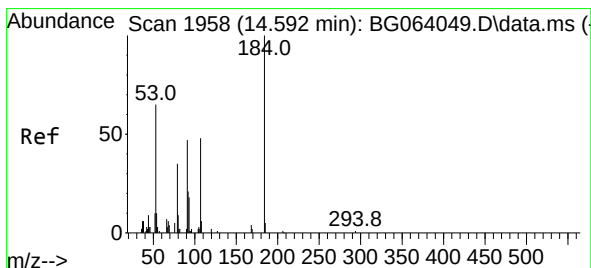
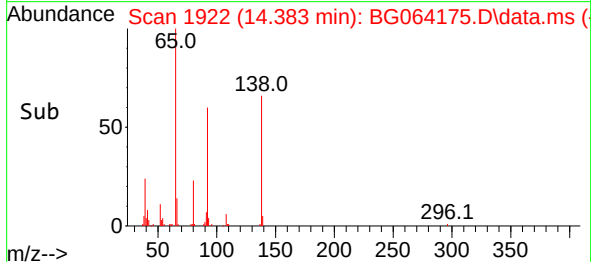
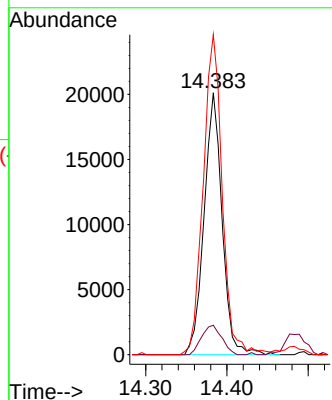
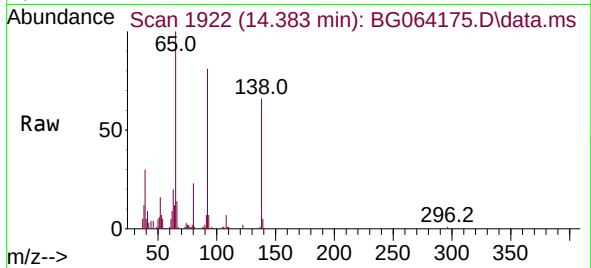




#53
3-Nitroaniline
Concen: 21.879 ng
RT: 14.383 min Scan# 1922
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

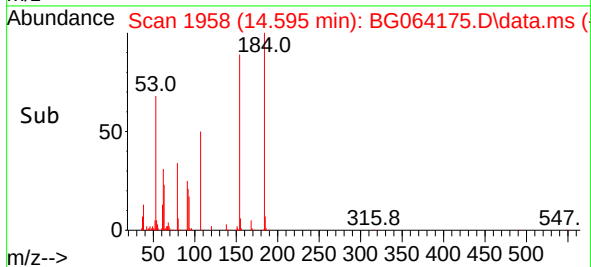
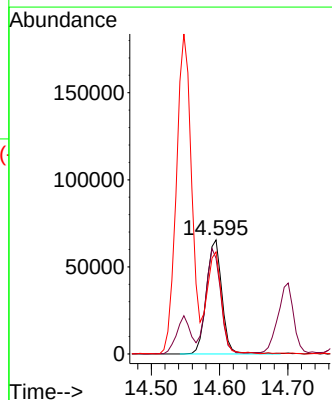
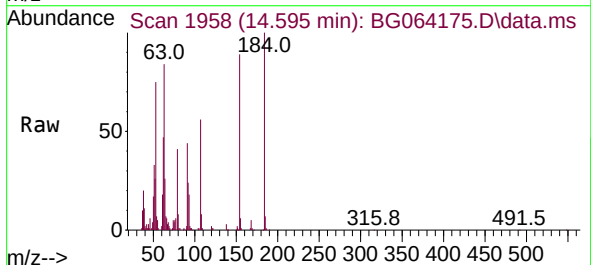
Instrument :
BNA_G
ClientSampleId :

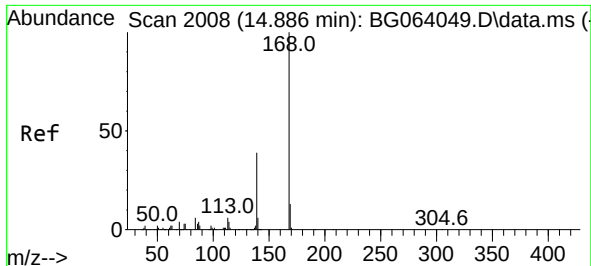
Tgt Ion:138 Resp: 30973
Ion Ratio Lower Upper
138 100
108 11.2 10.1 15.1
92 122.2 104.1 156.1



#54
2,4-Dinitrophenol
Concen: 157.964 ng
RT: 14.595 min Scan# 1958
Delta R.T. 0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Tgt Ion:184 Resp: 103147
Ion Ratio Lower Upper
184 100
63 83.8 57.5 86.3
154 89.5 52.3 78.5#

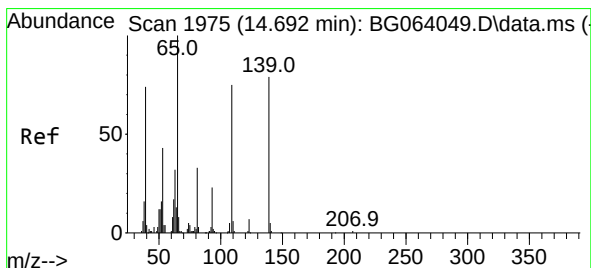
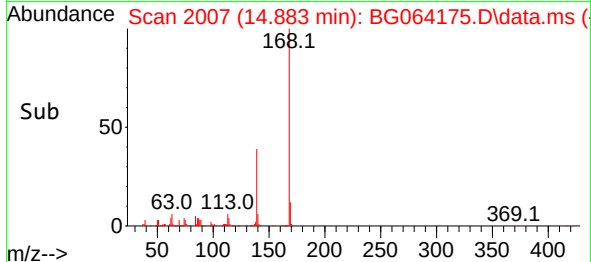
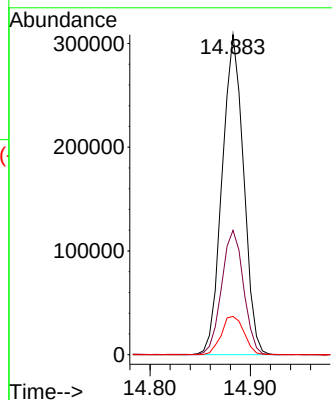
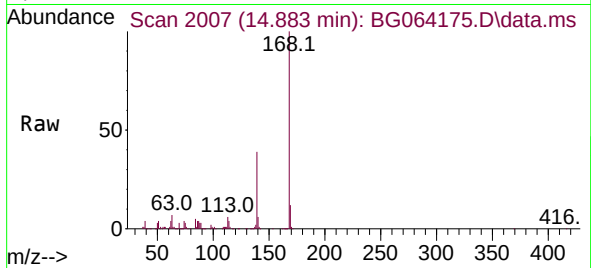




#55
Dibenzofuran
Concen: 48.739 ng
RT: 14.883 min Scan# 20
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

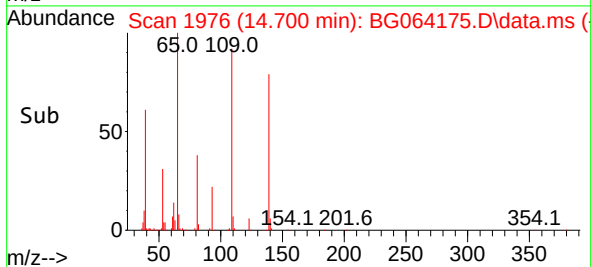
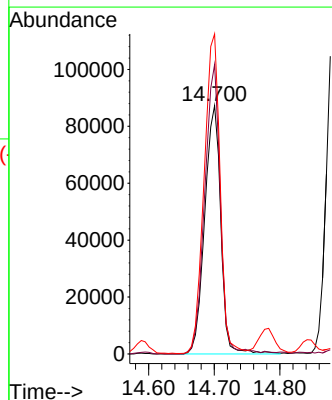
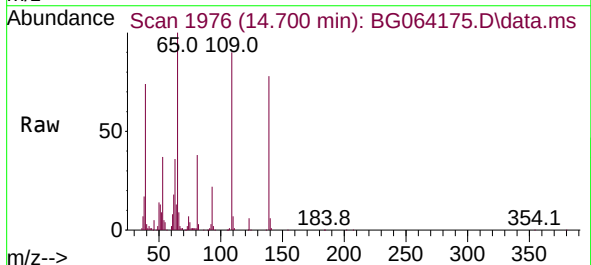
Instrument :
BNA_G
ClientSampleId :

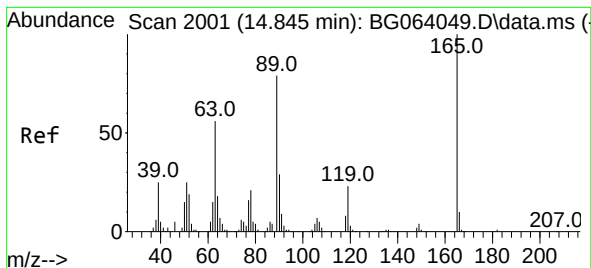
Tgt Ion:168 Resp: 458251
Ion Ratio Lower Upper
168 100
139 38.8 31.1 46.7
169 12.0 10.5 15.7



#56
4-Nitrophenol
Concen: 125.363 ng
RT: 14.700 min Scan# 1976
Delta R.T. 0.008 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

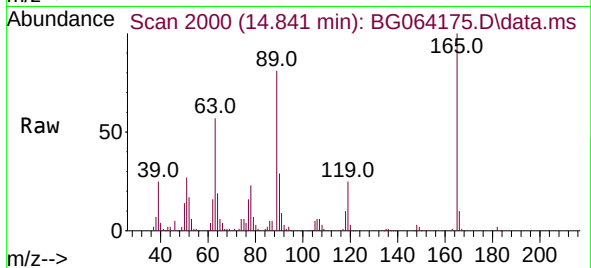
Tgt Ion:139 Resp: 148840
Ion Ratio Lower Upper
139 100
109 116.6 74.9 114.9#
65 128.9 106.8 146.8



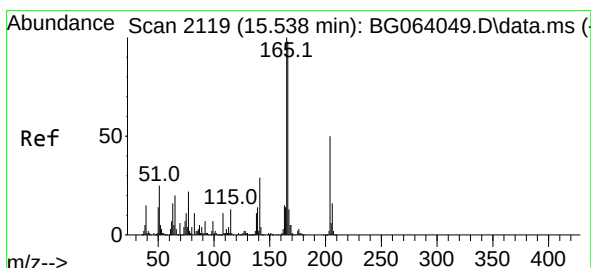
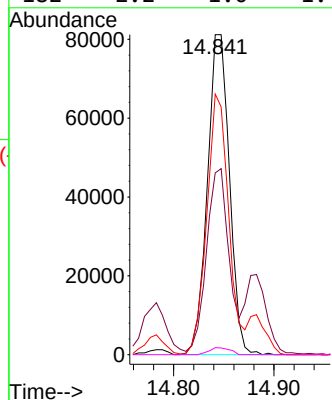
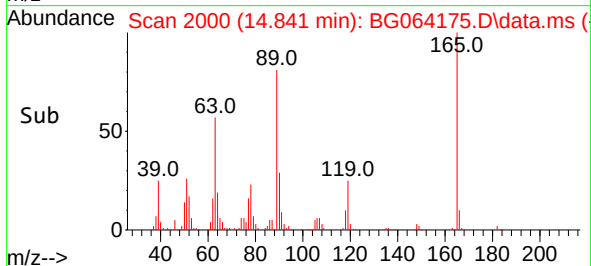


#57
2,4-Dinitrotoluene
Concen: 59.593 ng
RT: 14.841 min Scan# 2001
Delta R.T. -0.004 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Instrument :
BNA_G
ClientSampleId :

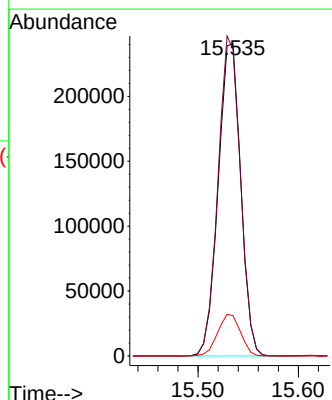
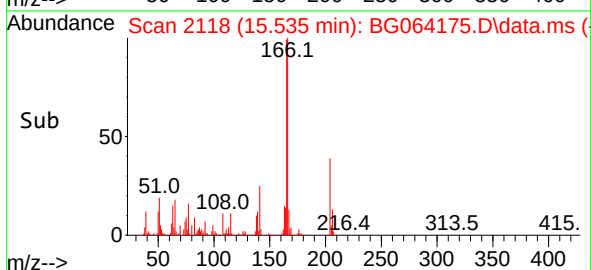
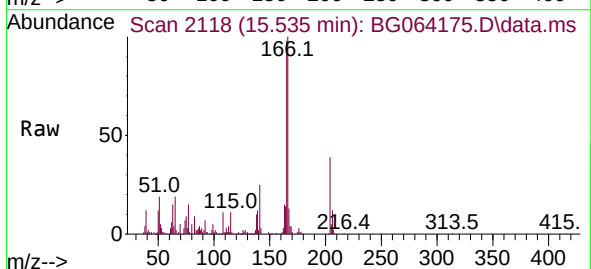


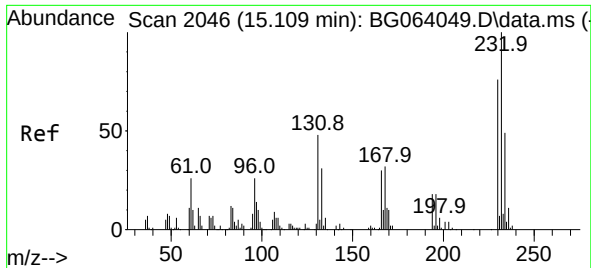
Tgt Ion:165 Resp: 124141
Ion Ratio Lower Upper
165 100
63 56.8 45.0 67.6
89 81.4 63.1 94.7
182 2.2 1.0 1.4#



#58
Fluorene
Concen: 51.063 ng
RT: 15.535 min Scan# 2118
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Tgt Ion:166 Resp: 373934
Ion Ratio Lower Upper
166 100
165 98.2 81.8 122.8
167 12.9 10.8 16.2

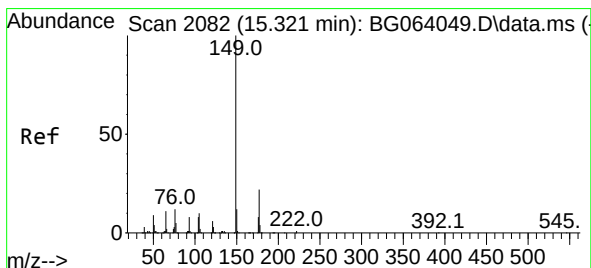
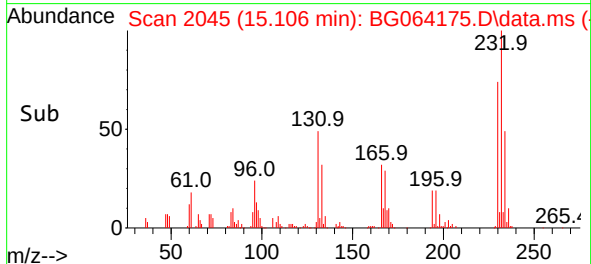
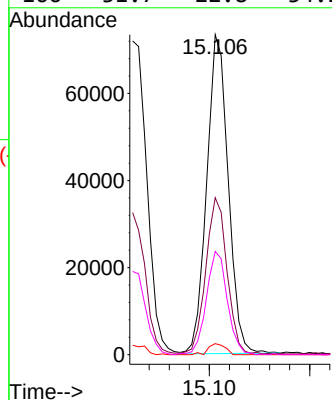
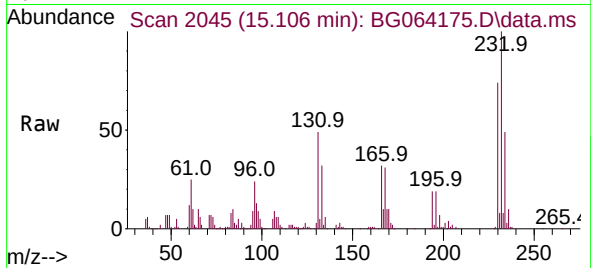




#59
2,3,4,6-Tetrachlorophenol
Concen: 60.184 ng
RT: 15.106 min Scan# 2045
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

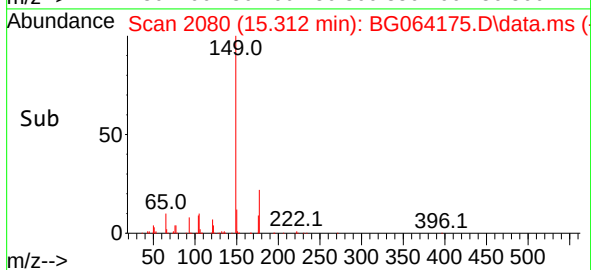
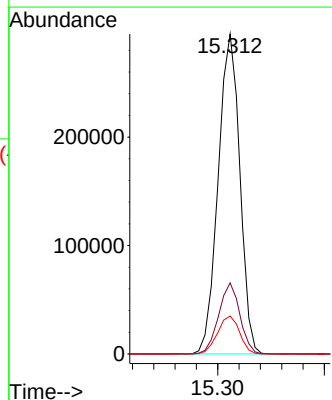
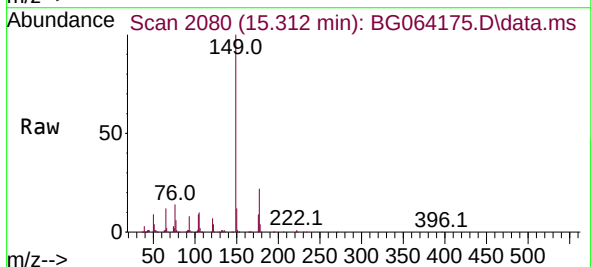
Instrument :
BNA_G
ClientSampleId :

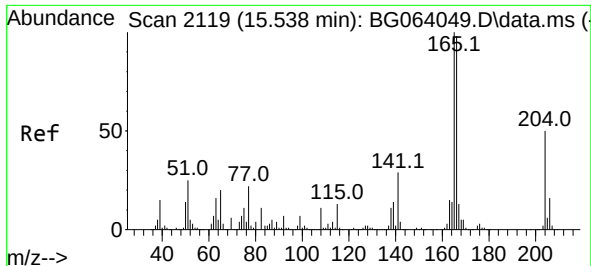
Tgt Ion:232 Resp: 108848
Ion Ratio Lower Upper
232 100
131 48.6 36.3 54.5
130 2.7 1.9 2.9
166 31.7 22.8 34.2



#60
Diethylphthalate
Concen: 52.228 ng
RT: 15.312 min Scan# 2080
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Tgt Ion:149 Resp: 415297
Ion Ratio Lower Upper
149 100
177 22.2 17.4 26.2
150 11.8 9.4 14.2

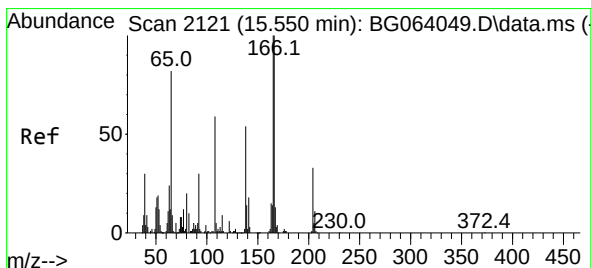
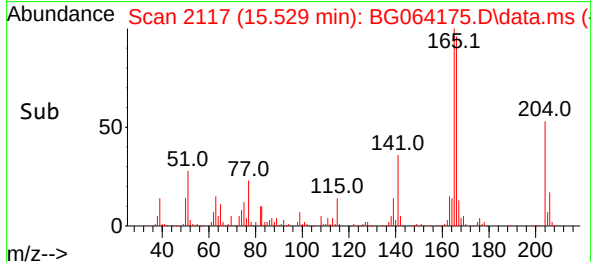
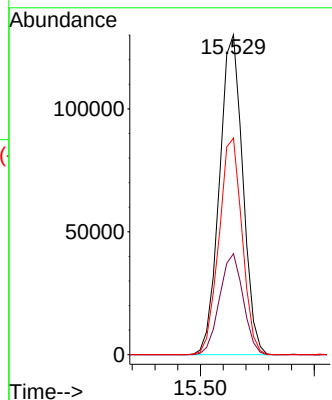
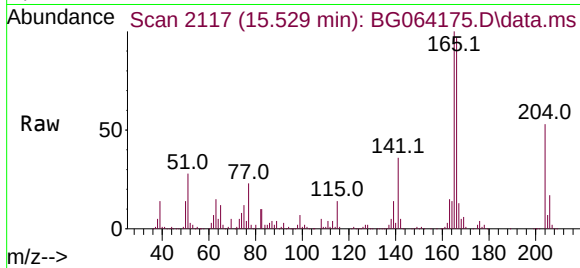




#61
4-Chlorophenyl-phenylether
Concen: 50.920 ng
RT: 15.529 min Scan# 2117
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

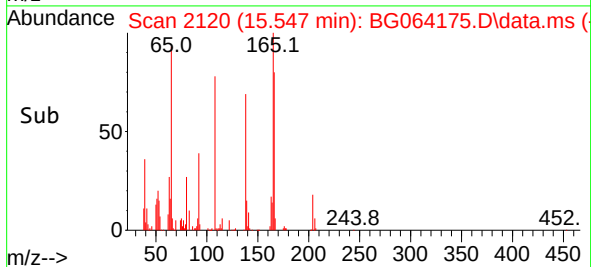
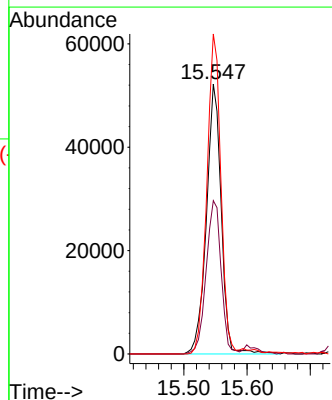
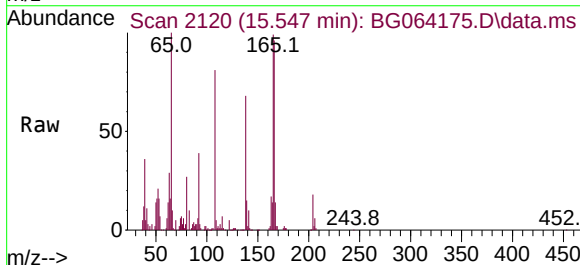
Instrument :
BNA_G
ClientSampleId :

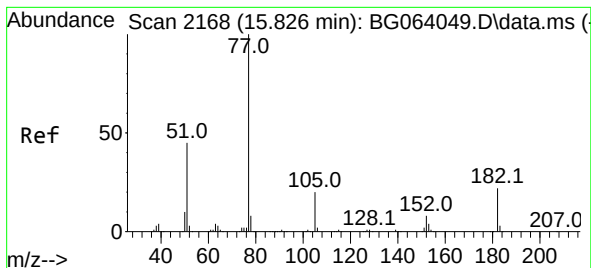
Tgt Ion:204 Resp: 185302
Ion Ratio Lower Upper
204 100
206 31.6 25.5 38.3
141 67.7 45.4 68.0



#62
4-Nitroaniline
Concen: 55.690 ng
RT: 15.547 min Scan# 2120
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Tgt Ion:138 Resp: 85117
Ion Ratio Lower Upper
138 100
92 56.8 36.1 76.1
108 118.5 87.9 127.9





#63

Azobenzene

Concen: 48.392 ng

RT: 15.817 min Scan# 2166

Delta R.T. -0.009 min

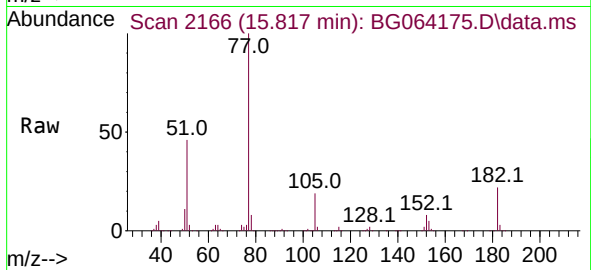
Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :



Tgt Ion: 77 Resp: 410613

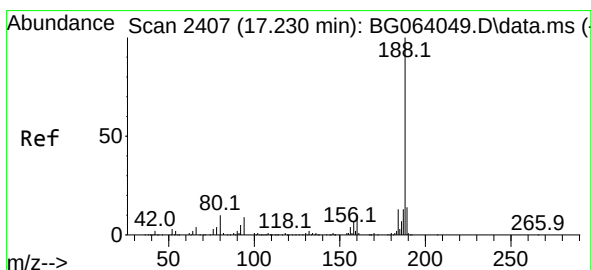
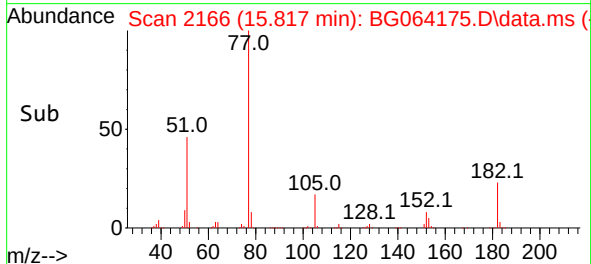
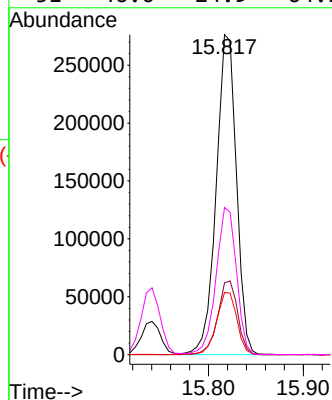
Ion Ratio Lower Upper

77 100

182 22.4 2.4 42.4

105 19.4 0.0 40.0

51 46.0 24.9 64.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.221 min Scan# 2405

Delta R.T. -0.009 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

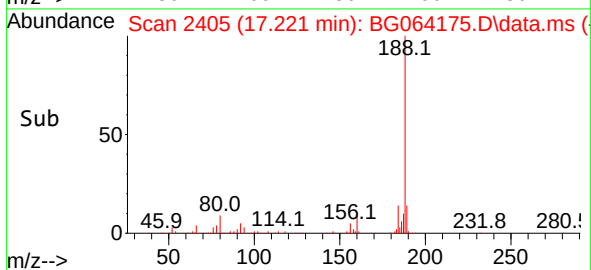
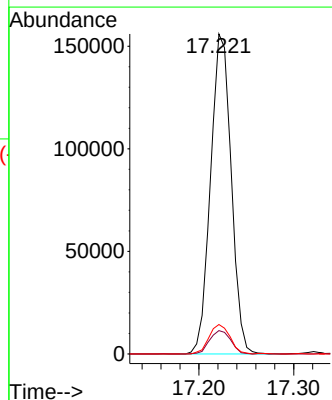
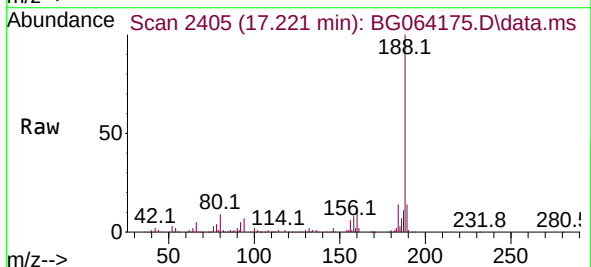
Tgt Ion:188 Resp: 235595

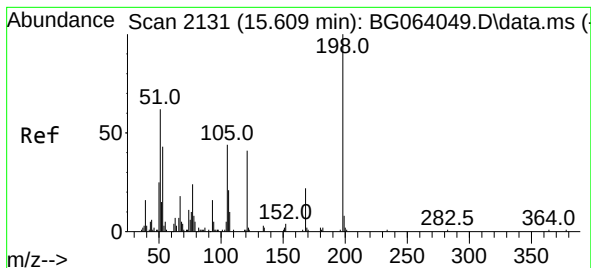
Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

80 9.2 8.1 12.1

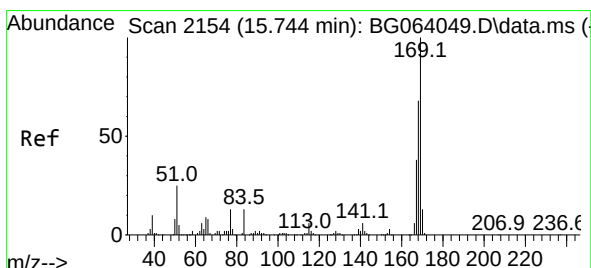
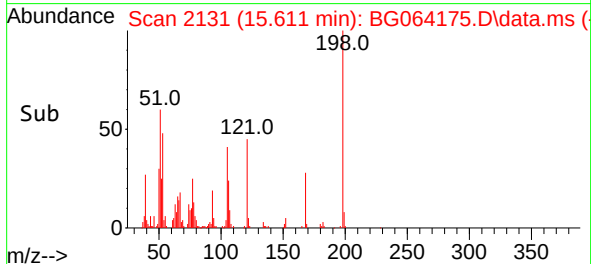
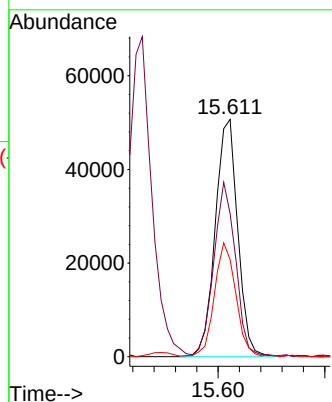
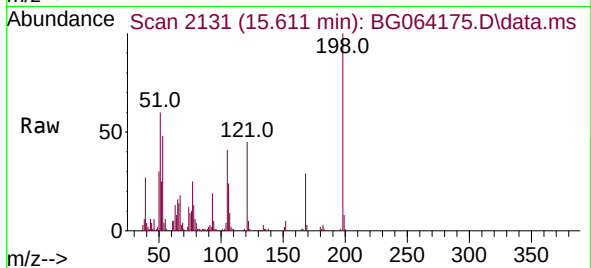




#65
4,6-Dinitro-2-methylphenol
Concen: 68.512 ng
RT: 15.611 min Scan# 2131
Delta R.T. 0.002 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

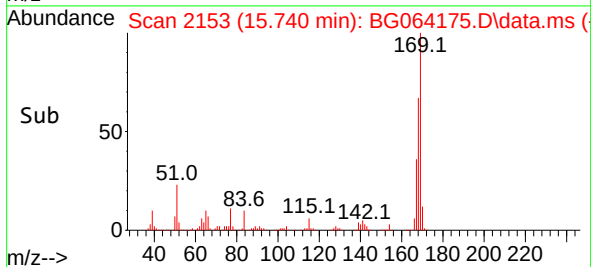
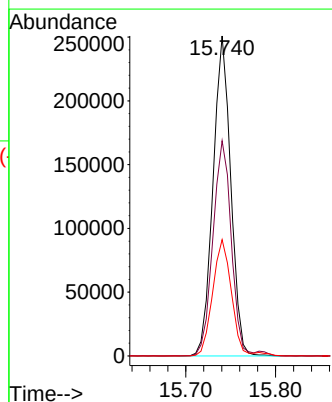
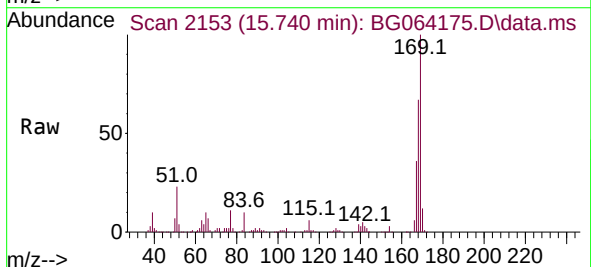
Instrument :
BNA_G
ClientSampleId :

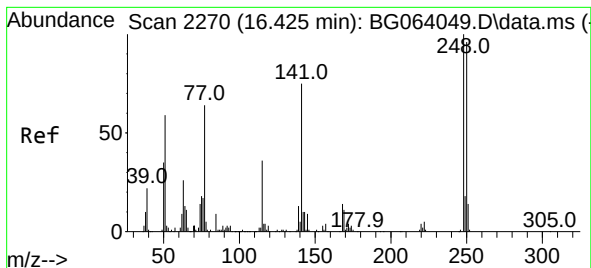
Tgt Ion:198 Resp: 74018
Ion Ratio Lower Upper
198 100
51 60.2 45.6 85.6
105 40.9 25.3 65.3



#66
n-Nitrosodiphenylamine
Concen: 51.549 ng
RT: 15.740 min Scan# 2153
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

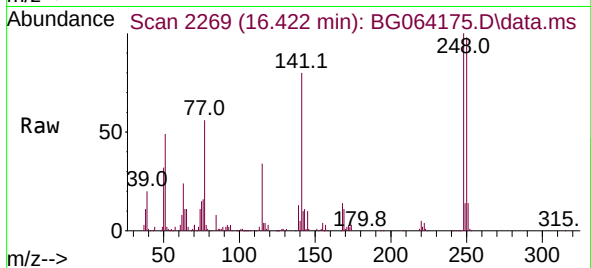
Tgt Ion:169 Resp: 343772
Ion Ratio Lower Upper
169 100
168 67.2 54.1 81.1
167 36.4 30.3 45.5



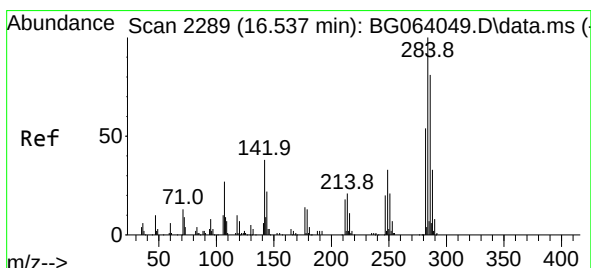
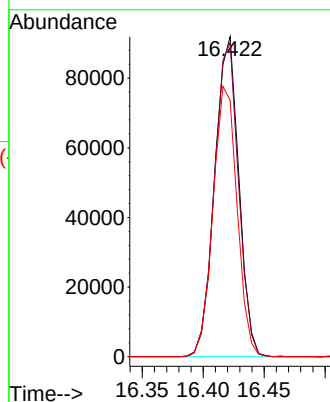
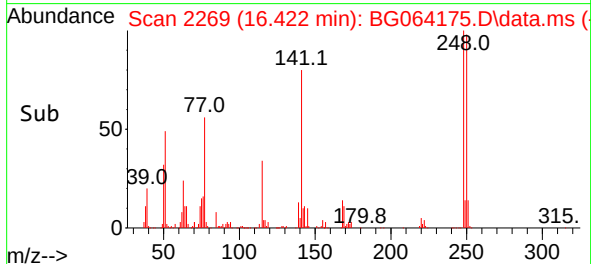


#67
4-Bromophenyl-phenylether
Concen: 52.253 ng
RT: 16.422 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

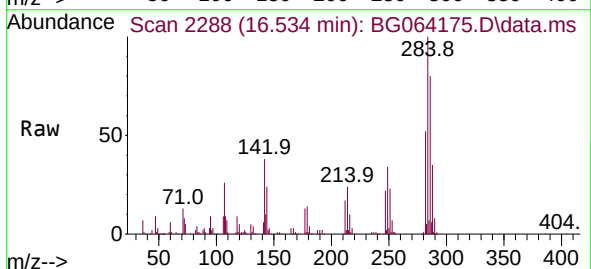
Instrument :
BNA_G
ClientSampleId :



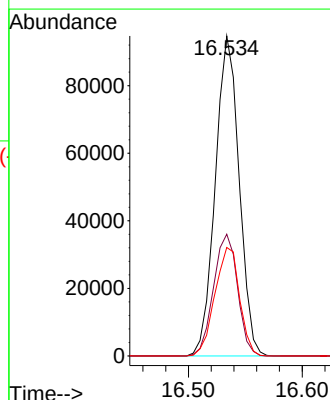
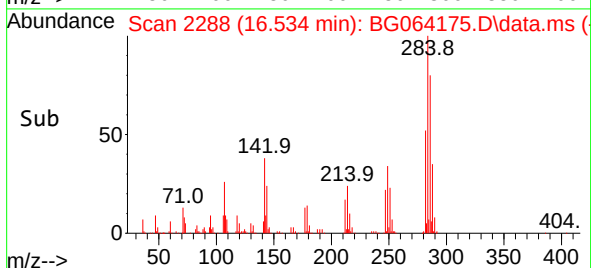
Tgt Ion:248 Resp: 126083
Ion Ratio Lower Upper
248 100
250 98.1 77.1 115.7
141 80.1 59.8 89.8

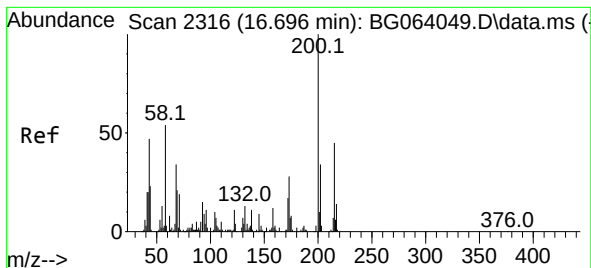


#68
Hexachlorobenzene
Concen: 51.029 ng
RT: 16.534 min Scan# 2288
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38



Tgt Ion:284 Resp: 137848
Ion Ratio Lower Upper
284 100
142 38.1 30.6 45.8
249 33.9 26.6 39.8





#69

Atrazine

Concen: 71.503 ng

RT: 16.692 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :

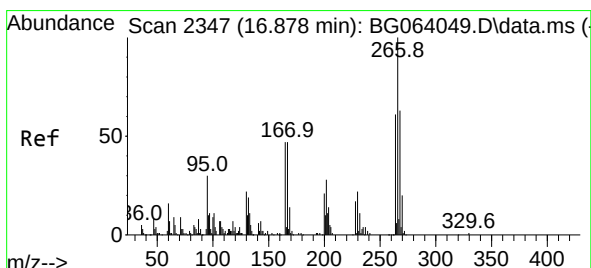
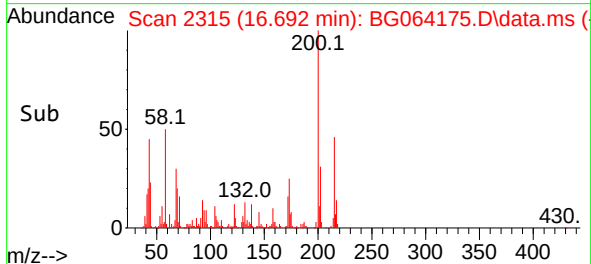
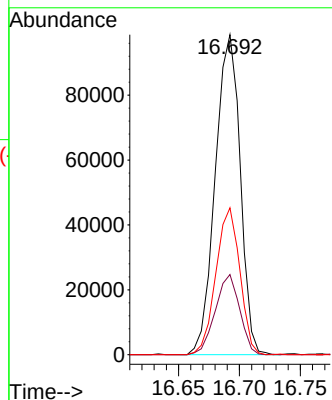
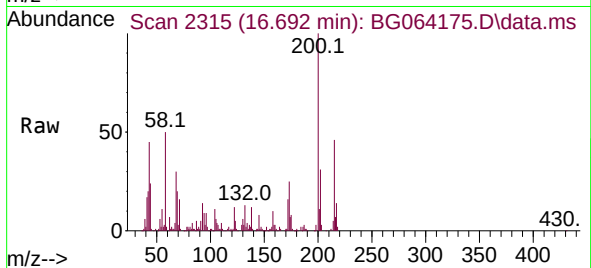
Tgt Ion:200 Resp: 140300

Ion Ratio Lower Upper

200 100

173 25.1 8.2 48.2

215 45.9 25.5 65.5



#70

Pentachlorophenol

Concen: 111.241 ng

RT: 16.874 min Scan# 2346

Delta R.T. -0.004 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

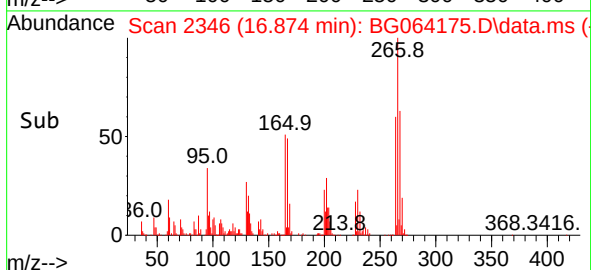
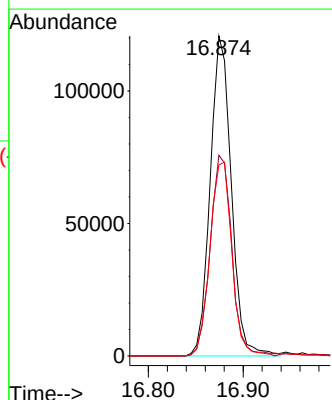
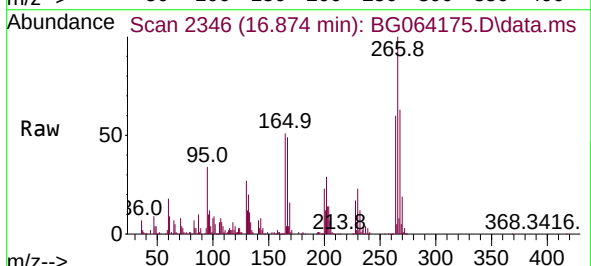
Tgt Ion:266 Resp: 186580

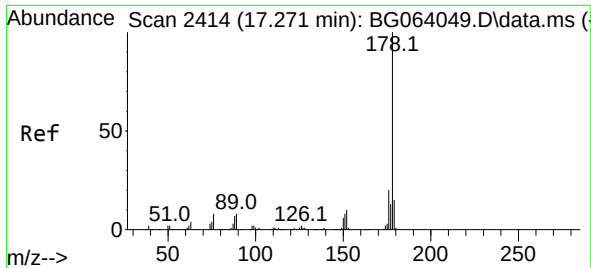
Ion Ratio Lower Upper

266 100

268 62.7 50.2 75.4

264 59.7 48.9 73.3

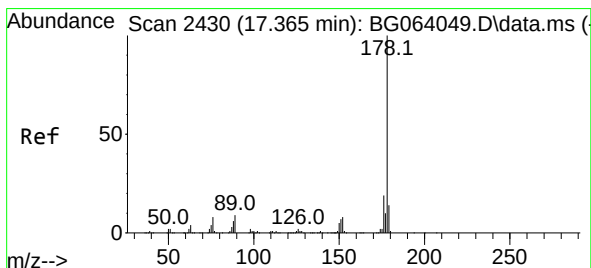
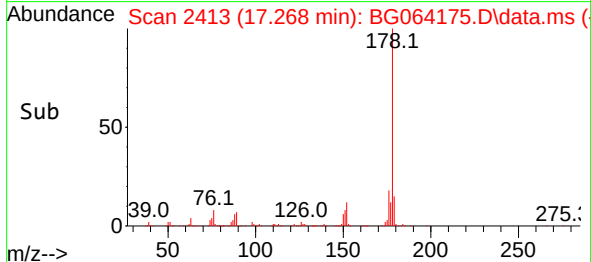
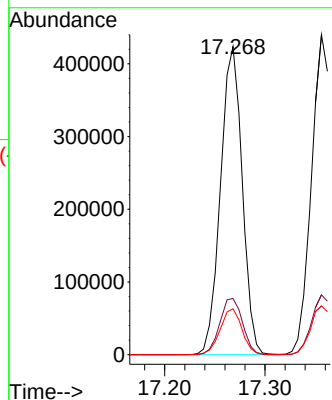
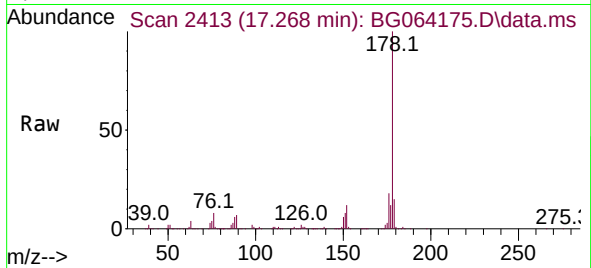




#71
Phenanthrene
Concen: 50.546 ng
RT: 17.268 min Scan# 2414
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

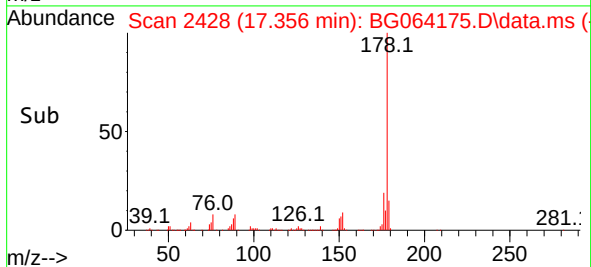
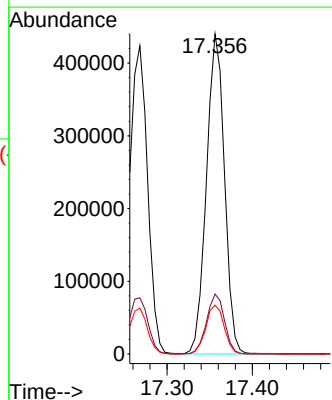
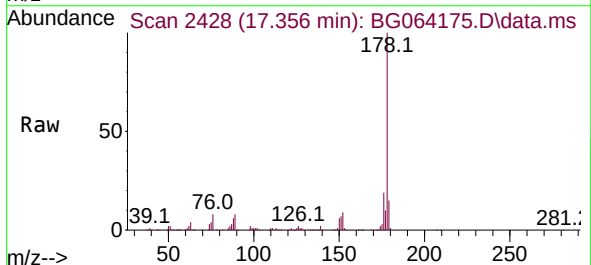
Instrument :
BNA_G
ClientSampleId :

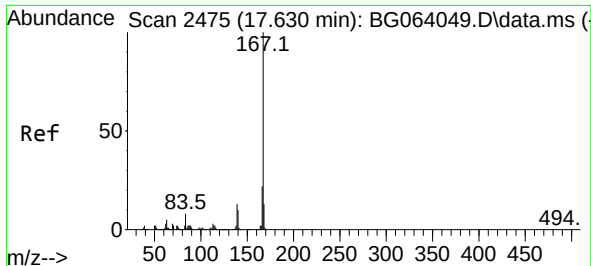
Tgt Ion:178 Resp: 635172
Ion Ratio Lower Upper
178 100
176 18.2 15.9 23.9
179 14.9 12.2 18.2



#72
Anthracene
Concen: 51.897 ng
RT: 17.356 min Scan# 2428
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Tgt Ion:178 Resp: 648466
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.3 11.5 17.3

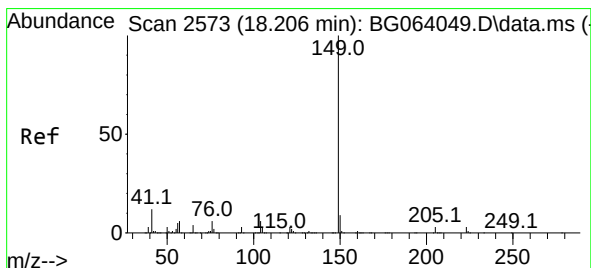
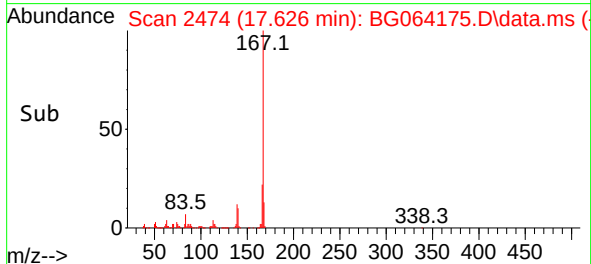
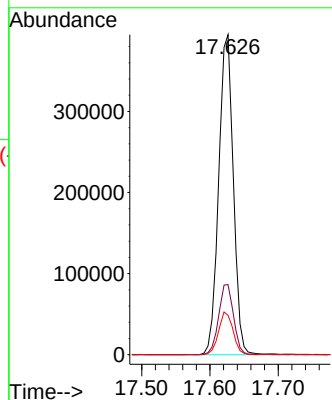
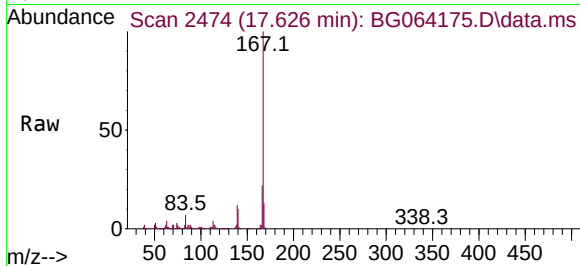




#73
Carbazole
Concen: 50.473 ng
RT: 17.626 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

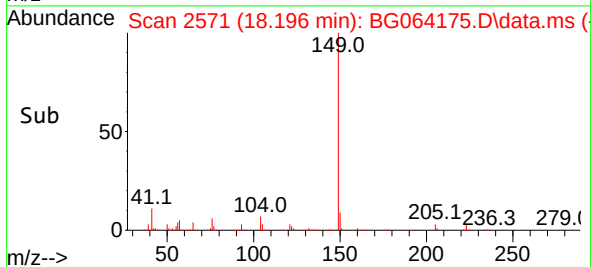
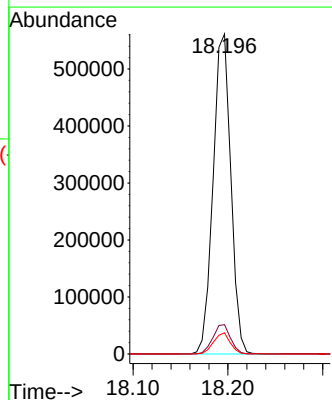
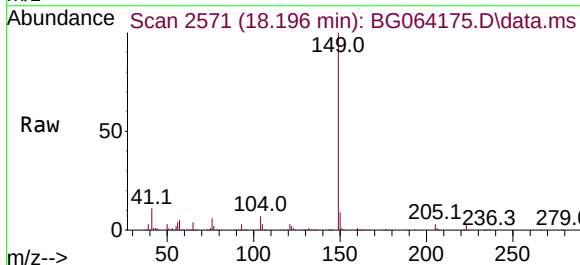
Instrument :
BNA_G
ClientSampleId :

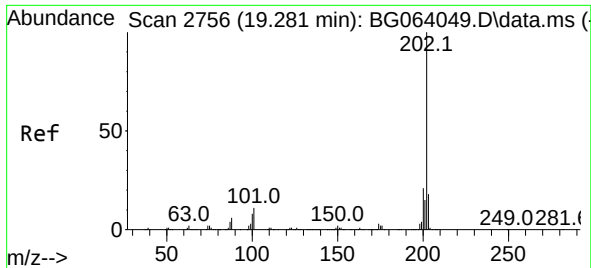
Tgt Ion:167 Resp: 588835
Ion Ratio Lower Upper
167 100
166 21.9 18.0 27.0
139 12.3 10.6 15.8



#74
Di-n-butylphthalate
Concen: 53.000 ng
RT: 18.196 min Scan# 2571
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

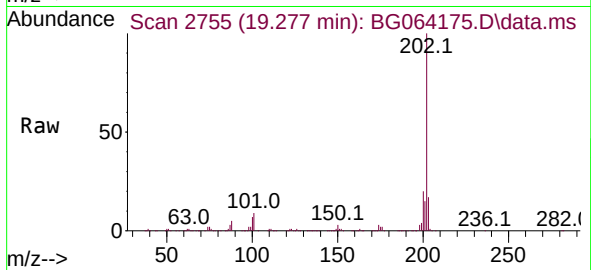
Tgt Ion:149 Resp: 727823
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 6.6 5.0 7.6



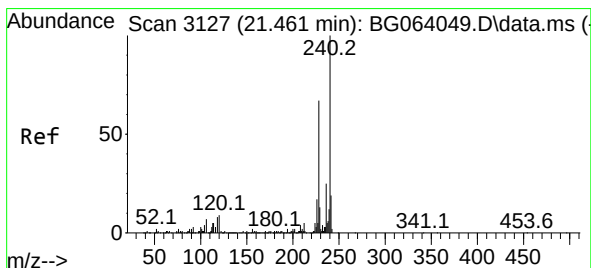
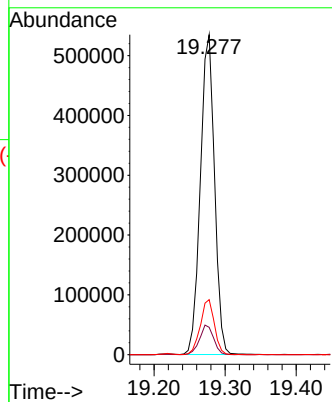
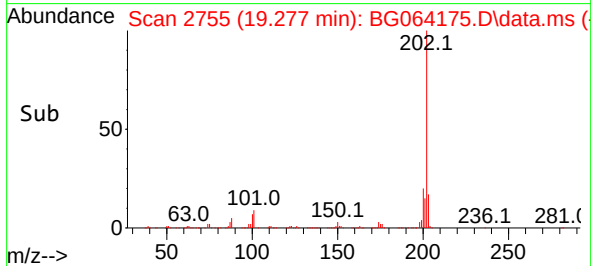


#75
Fluoranthene
Concen: 49.013 ng
RT: 19.277 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

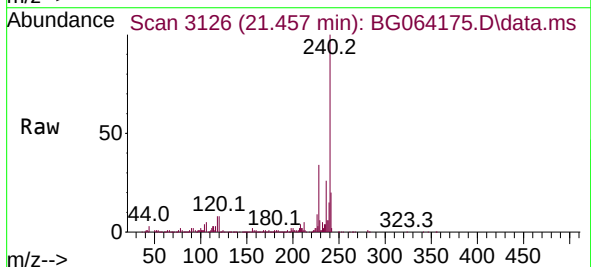
Instrument :
BNA_G
ClientSampleId :



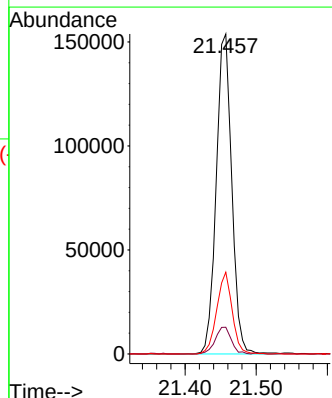
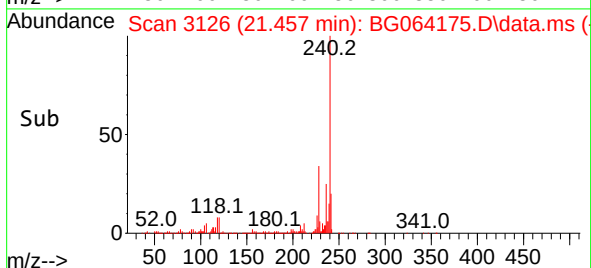
Tgt Ion:202 Resp: 742513
Ion Ratio Lower Upper
202 100
101 8.6 0.0 30.5
203 17.2 0.0 38.3

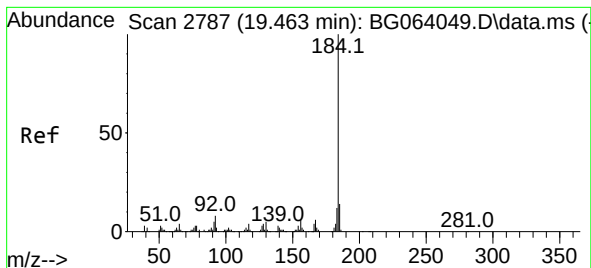


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 3126
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38



Tgt Ion:240 Resp: 232442
Ion Ratio Lower Upper
240 100
120 8.4 7.2 10.8
236 25.5 20.2 30.2





#77

Benzidine

Concen: 58.762 ng

RT: 19.454 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :

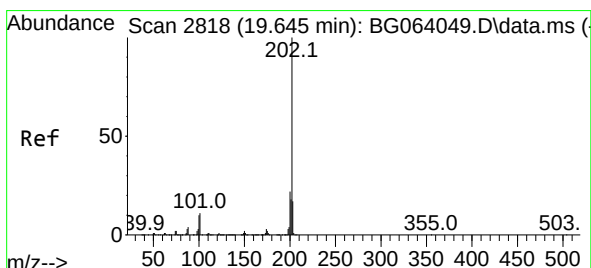
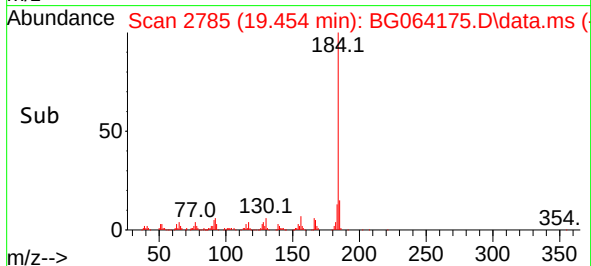
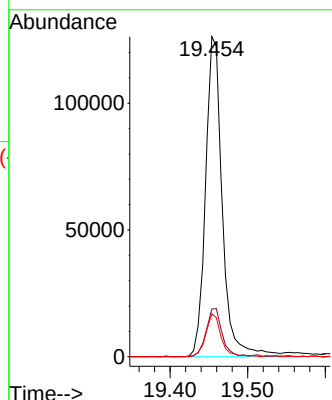
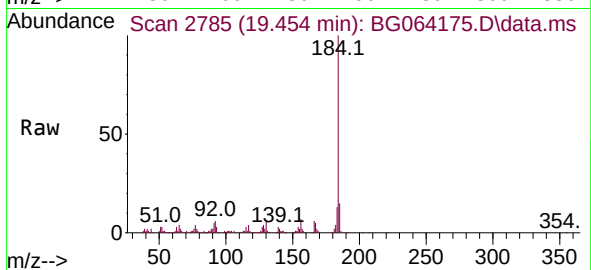
Tgt Ion:184 Resp: 189136

Ion Ratio Lower Upper

184 100

185 14.9 11.3 16.9

183 13.4 9.5 14.3



#78

Pyrene

Concen: 51.406 ng

RT: 19.636 min Scan# 2816

Delta R.T. -0.009 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

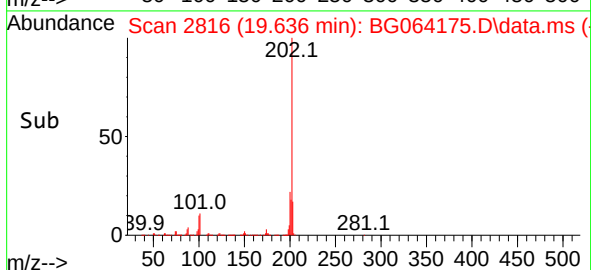
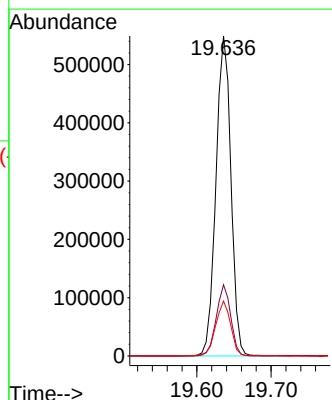
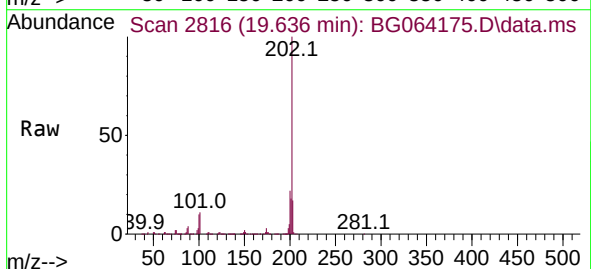
Tgt Ion:202 Resp: 770248

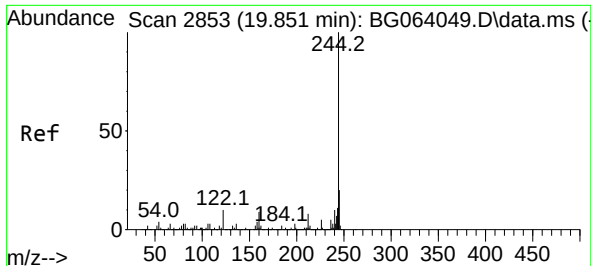
Ion Ratio Lower Upper

202 100

200 22.3 17.3 25.9

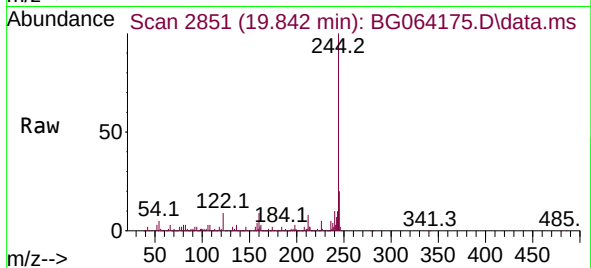
203 17.2 13.6 20.4



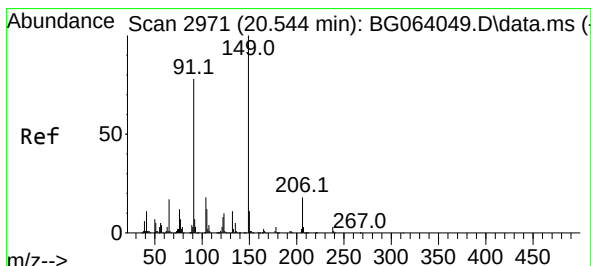
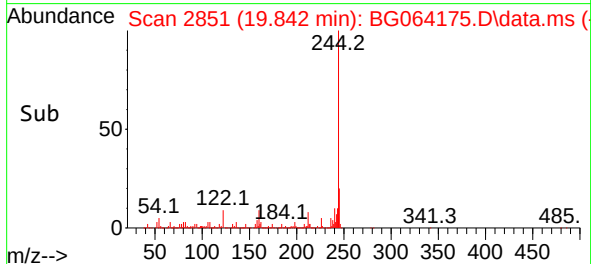
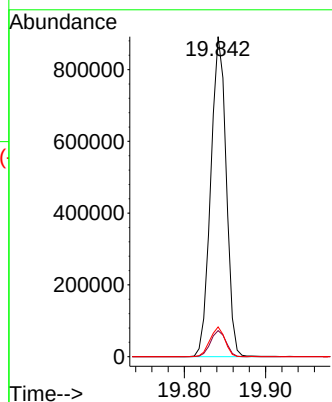


#79
 Terphenyl-d14
 Concen: 102.743 ng
 RT: 19.842 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG064175.D
 Acq: 3 Apr 2025 20:38

Instrument :
 BNA_G
 ClientSampleId :

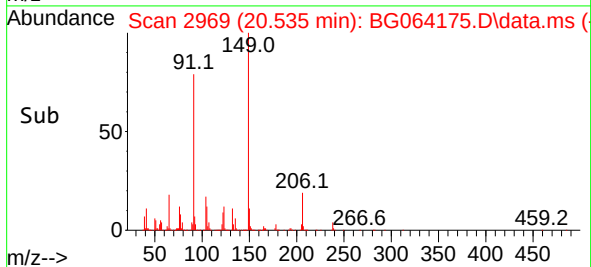
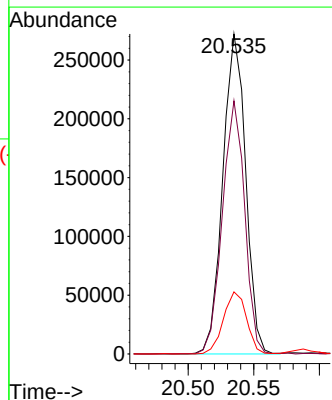
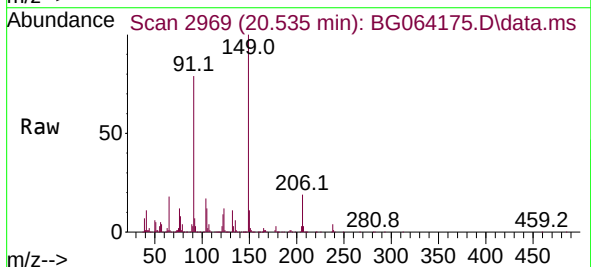


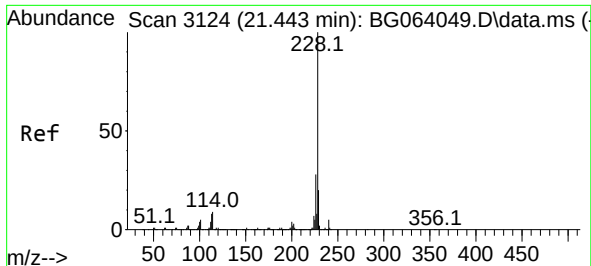
Tgt Ion:244 Resp: 1181105
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.4
 122 9.3 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 57.719 ng
 RT: 20.535 min Scan# 2969
 Delta R.T. -0.009 min
 Lab File: BG064175.D
 Acq: 3 Apr 2025 20:38

Tgt Ion:149 Resp: 329008
 Ion Ratio Lower Upper
 149 100
 91 79.1 62.0 93.0
 206 19.4 14.6 21.8

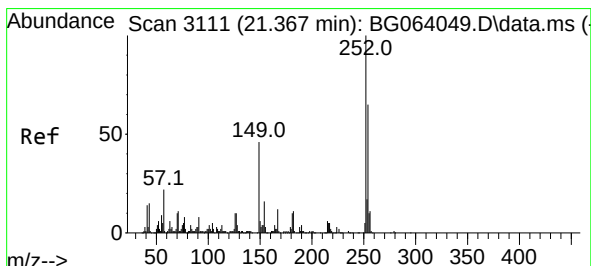
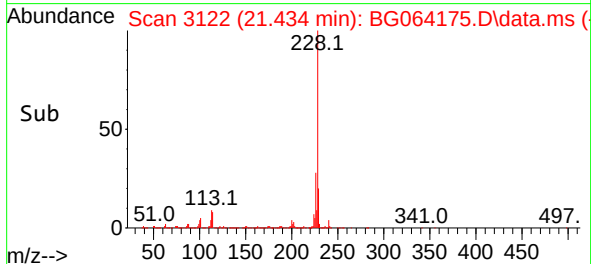
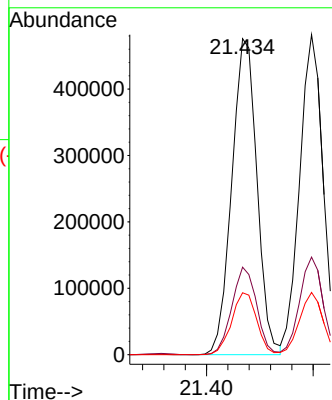
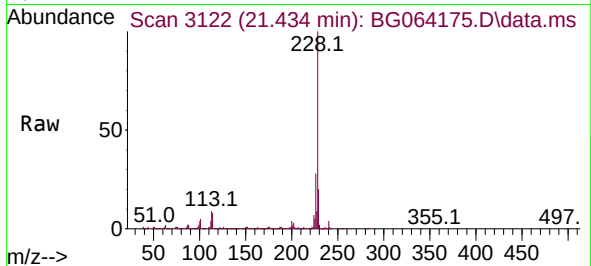




#81
Benzo(a)anthracene
Concen: 52.478 ng
RT: 21.434 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

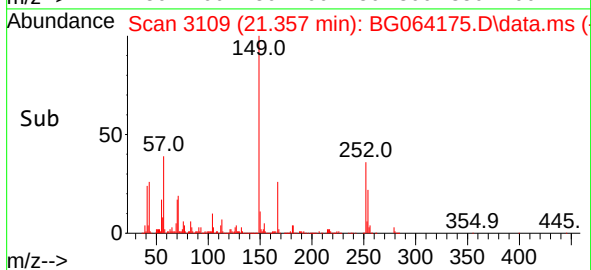
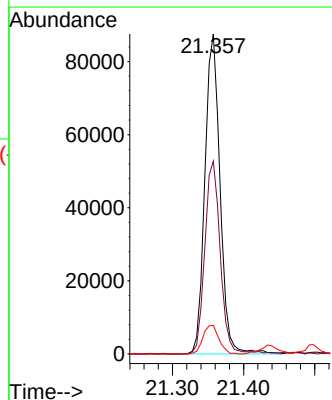
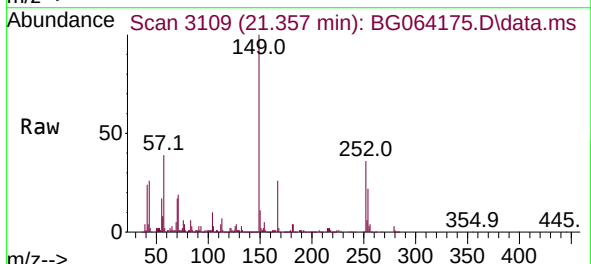
Instrument :
BNA_G
ClientSampleId :

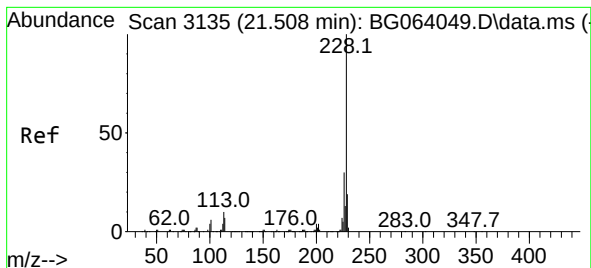
Tgt Ion:228 Resp: 781366
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.2
229 19.6 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 27.058 ng
RT: 21.357 min Scan# 3109
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Tgt Ion:252 Resp: 130385
Ion Ratio Lower Upper
252 100
254 60.3 52.1 78.1
126 9.0 7.8 11.8





#83

Chrysene

Concen: 49.620 ng

RT: 21.498 min Scan# 3110

Delta R.T. -0.009 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :

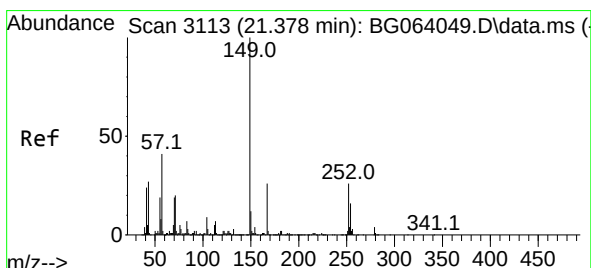
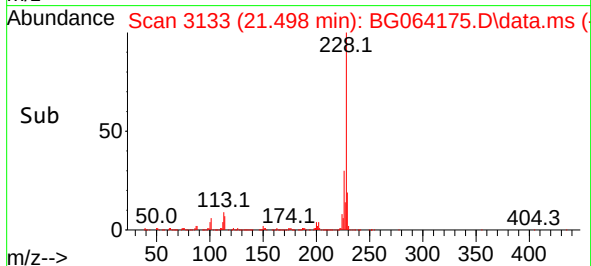
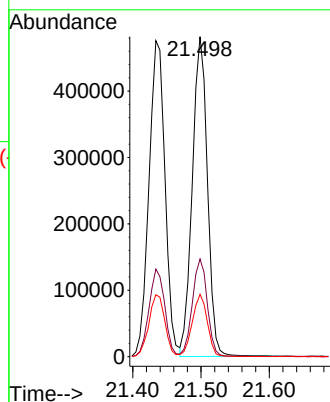
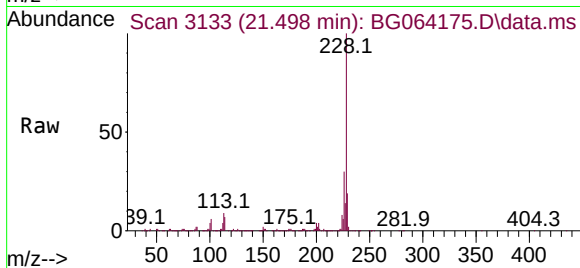
Tgt Ion:228 Resp: 736885

Ion Ratio Lower Upper

228 100

226 30.5 23.9 35.9

229 19.5 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.391 ng

RT: 21.363 min Scan# 3110

Delta R.T. -0.015 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

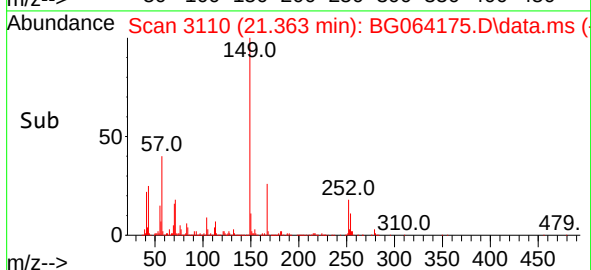
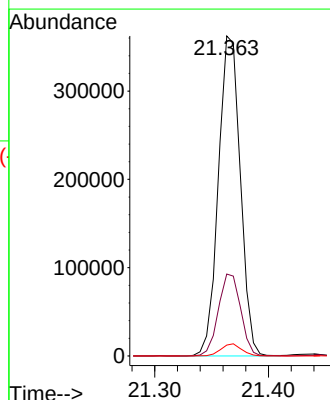
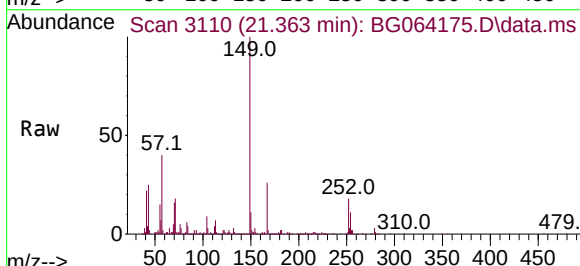
Tgt Ion:149 Resp: 486302

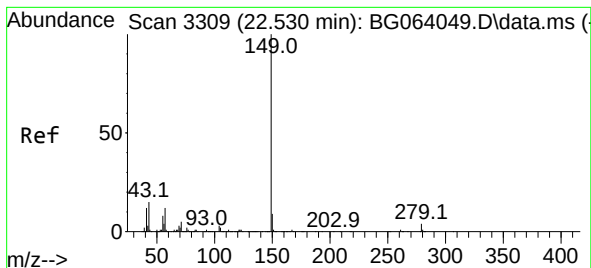
Ion Ratio Lower Upper

149 100

167 25.6 21.0 31.6

279 3.4 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 59.663 ng

RT: 22.509 min Scan# 31

Delta R.T. -0.021 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :

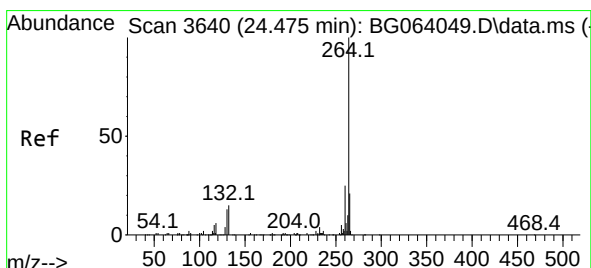
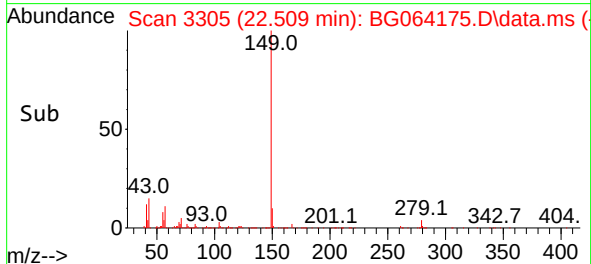
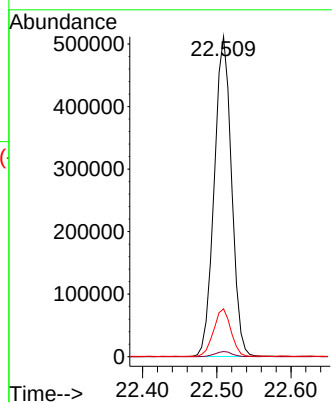
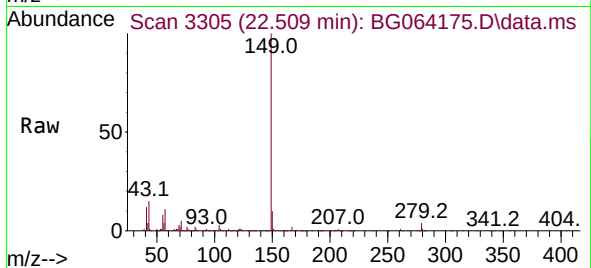
Tgt Ion:149 Resp: 828678

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: 24.465 min Scan# 3638

Delta R.T. -0.009 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

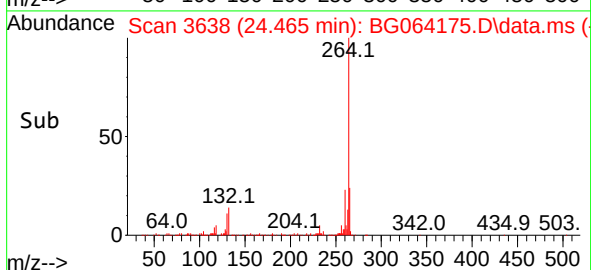
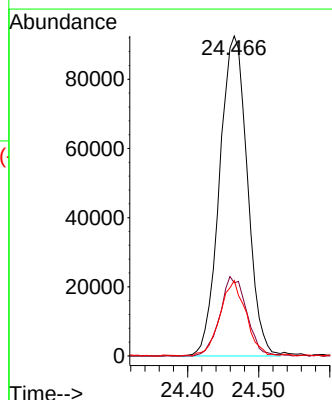
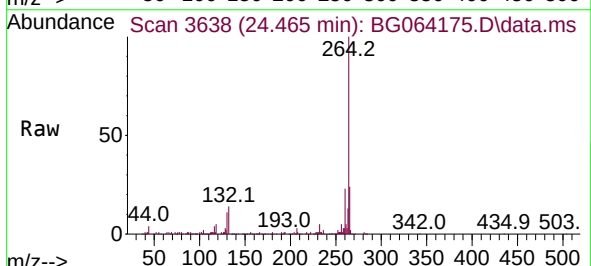
Tgt Ion:264 Resp: 250687

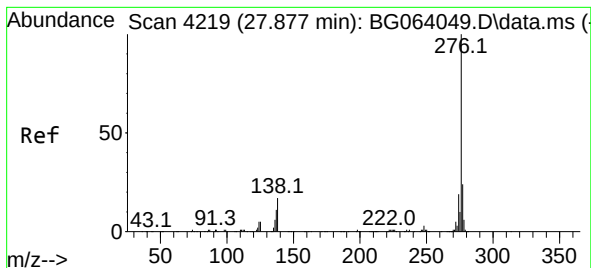
Ion Ratio Lower Upper

264 100

260 22.8 19.6 29.4

265 23.6 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.677 ng

RT: 27.867 min Scan# 41

Delta R.T. -0.009 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :

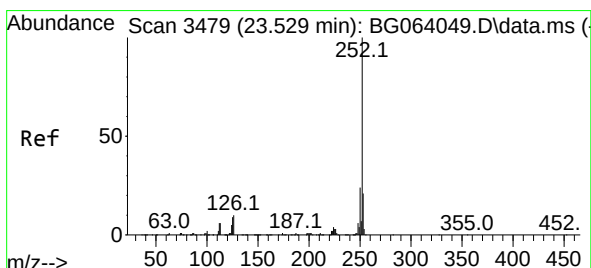
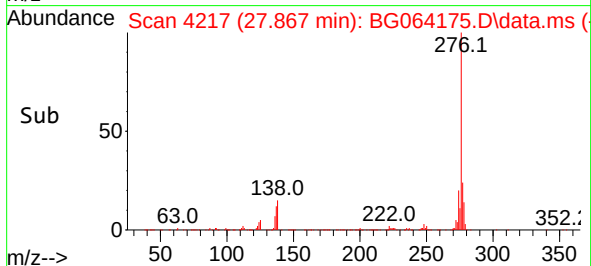
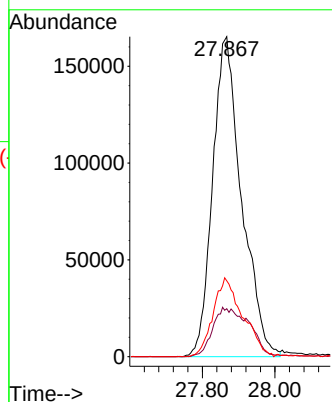
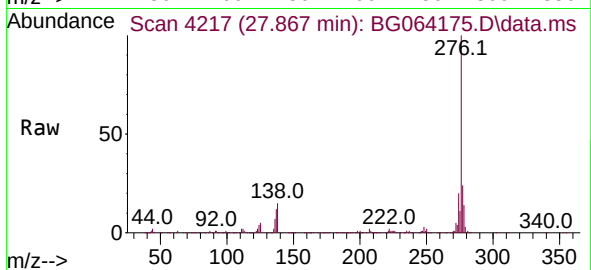
Tgt Ion:276 Resp: 917101

Ion Ratio Lower Upper

276 100

138 19.3 12.1 18.1#

277 25.2 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 50.473 ng

RT: 23.520 min Scan# 3477

Delta R.T. -0.009 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

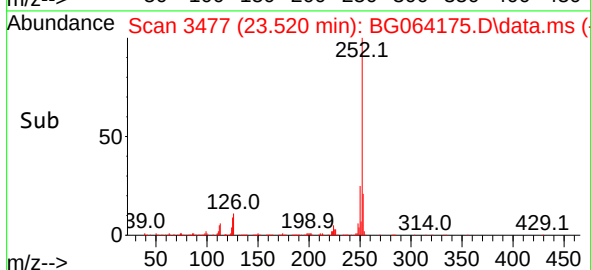
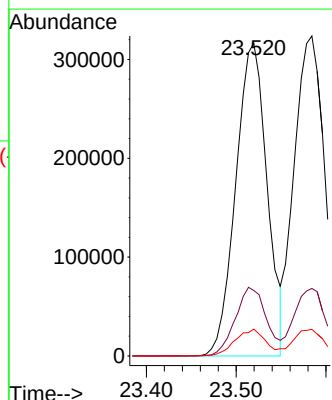
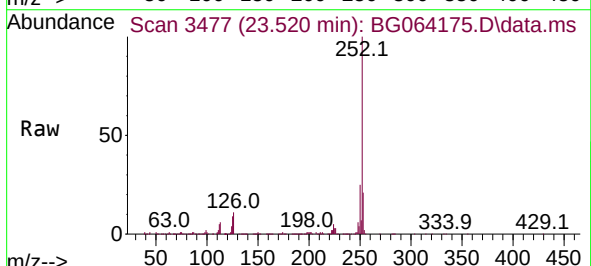
Tgt Ion:252 Resp: 764913

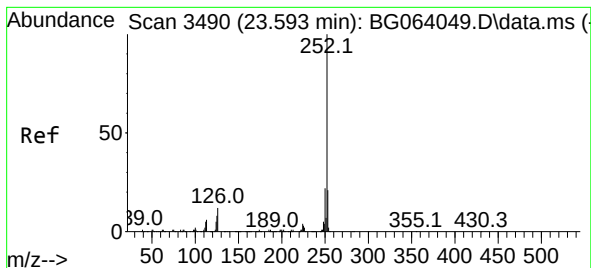
Ion Ratio Lower Upper

252 100

253 20.9 17.0 25.4

125 8.6 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 50.224 ng

RT: 23.584 min Scan# 34

Delta R.T. -0.009 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :

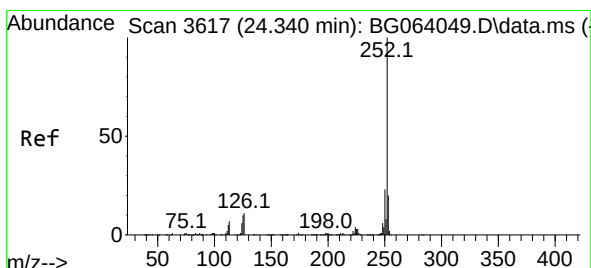
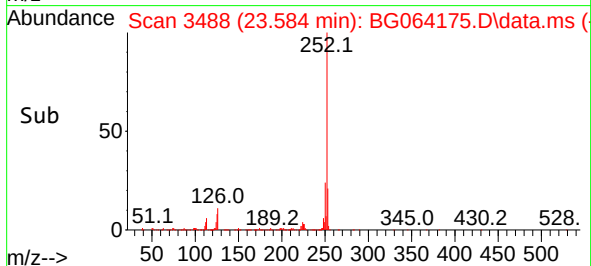
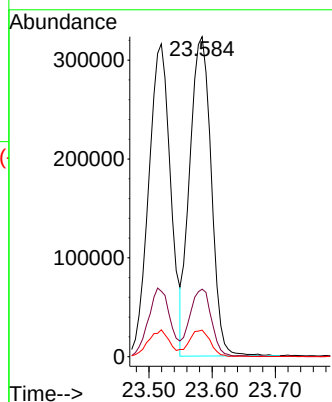
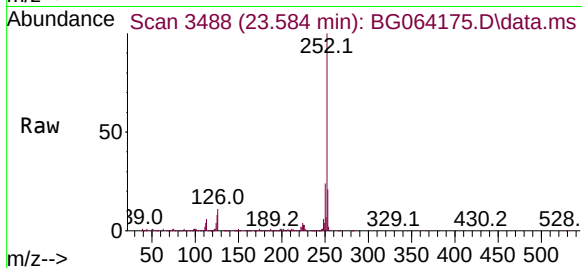
Tgt Ion:252 Resp: 763585

Ion Ratio Lower Upper

252 100

253 21.1 16.8 25.2

125 8.3 6.9 10.3



#90

Benzo(a)pyrene

Concen: 54.971 ng

RT: 24.330 min Scan# 3615

Delta R.T. -0.009 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

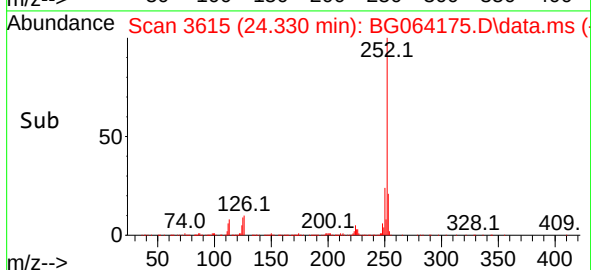
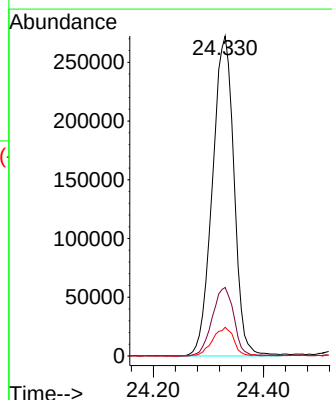
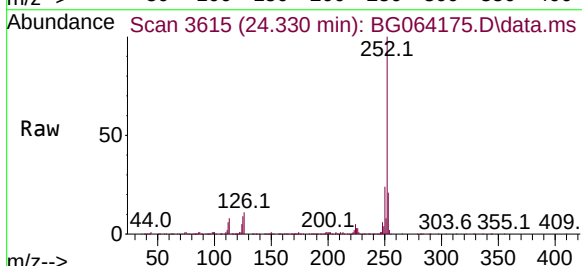
Tgt Ion:252 Resp: 741942

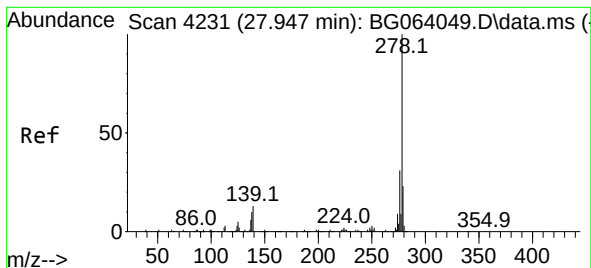
Ion Ratio Lower Upper

252 100

253 21.4 16.2 24.2

125 8.9 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 53.918 ng

RT: 27.926 min Scan# 4397

Delta R.T. -0.021 min

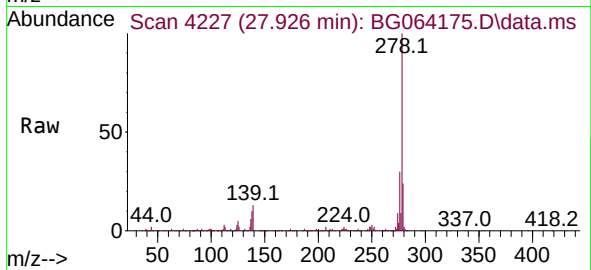
Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Instrument :

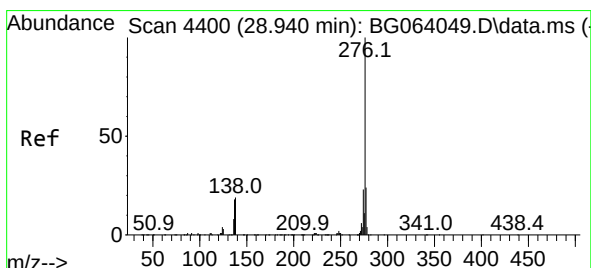
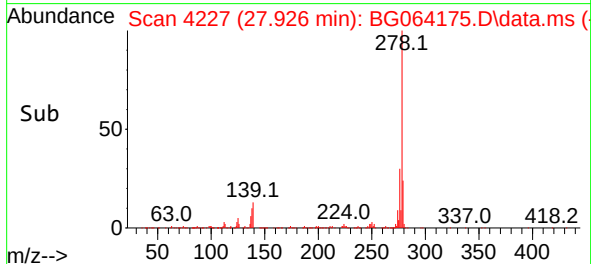
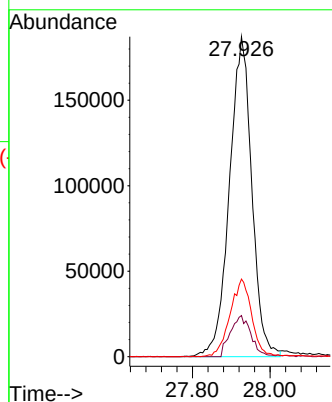
BNA_G

ClientSampleId :



Tgt Ion:278 Resp: 749744

Ion	Ratio	Lower	Upper
278	100		
139	12.8	10.2	15.2
279	24.2	18.1	27.1



#92

Benzo(g,h,i)perylene

Concen: 50.605 ng

RT: 28.925 min Scan# 4397

Delta R.T. -0.015 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Tgt Ion:276 Resp: 722475

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.5	29.3
138	16.7	15.4	23.0

