

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030325\
 Data File : BG064041.D
 Acq On : 3 Mar 2025 16:59
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 04 07:15:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 04 07:06:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	35968	20.000	ng	0.00
21) Naphthalene-d8	10.652	136	173887	20.000	ng	# 0.00
39) Acenaphthene-d10	14.489	164	125004	20.000	ng	0.00
64) Phenanthrene-d10	17.226	188	269038	20.000	ng	0.00
76) Chrysene-d12	21.463	240	270324	20.000	ng	0.00
86) Perylene-d12	24.477	264	286150	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	363325	173.250	ng	0.00
7) Phenol-d6	7.033	99	536330	181.306	ng	0.00
23) Nitrobenzene-d5	9.024	82	559577	187.037	ng	0.00
42) 2,4,6-Tribromophenol	15.981	330	234362	163.112	ng	0.00
45) 2-Fluorobiphenyl	13.120	172	1284615	156.349	ng	0.00
79) Terphenyl-d14	19.853	244	1976142	148.379	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.366	88	73339	69.826	ng	98
3) Pyridine	3.760	79	186650	74.914	ng	99
4) n-Nitrosodimethylamine	3.678	42	144062	79.249	ng	98
6) Aniline	7.197	93	253152	80.133	ng	95
8) 2-Chlorophenol	7.432	128	204097	91.497	ng	97
9) Benzaldehyde	7.003	77	103414	58.643	ng	97
10) Phenol	7.062	94	278295	90.327	ng	96
11) bis(2-Chloroethyl)ether	7.291	93	206490	80.779	ng	94
12) 1,3-Dichlorobenzene	7.755	146	206639	77.815	ng	98
13) 1,4-Dichlorobenzene	7.902	146	214336	78.080	ng	95
14) 1,2-Dichlorobenzene	8.219	146	212012	80.894	ng	98
15) Benzyl Alcohol	8.102	79	223926	92.236	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.396	45	483409	83.961	ng	98
17) 2-Methylphenol	8.302	107	186196	89.801	ng	96
18) Hexachloroethane	8.942	117	82486	89.663	ng	99
19) n-Nitroso-di-n-propyla...	8.678	70	205429	88.644	ng	96
20) 3+4-Methylphenols	8.637	107	267297	89.843	ng	98
22) Acetophenone	8.684	105	384354	80.098	ng	# 96
24) Nitrobenzene	9.060	77	290076	91.897	ng	96
25) Isophorone	9.588	82	538900	84.768	ng	99
26) 2-Nitrophenol	9.771	139	90503	75.996	ng	98
27) 2,4-Dimethylphenol	9.829	122	158998	94.076	ng	97
28) bis(2-Chloroethoxy)met...	10.070	93	318211	81.411	ng	# 96
29) 2,4-Dichlorophenol	10.299	162	205797	80.498	ng	97
30) 1,2,4-Trichlorobenzene	10.517	180	227522	80.215	ng	96
31) Naphthalene	10.705	128	744711	79.514	ng	99
32) Benzoic acid	10.023	122	126709	79.521	ng	92
33) 4-Chloroaniline	10.810	127	288057	83.076	ng	94
34) Hexachlorobutadiene	10.998	225	146549	79.475	ng	99
35) Caprolactam	11.604	113	77744	91.943	ng	# 79
36) 4-Chloro-3-methylphenol	11.939	107	270126	90.885	ng	98
37) 2-Methylnaphthalene	12.315	142	542917	80.334	ng	100
38) 1-Methylnaphthalene	12.532	142	540779	80.147	ng	99
40) 1,2,4,5-Tetrachloroben...	12.685	216	282397	81.377	ng	99
41) Hexachlorocyclopentadiene	12.667	237	86760	93.647	ng	99
43) 2,4,6-Trichlorophenol	12.920	196	183161	81.519	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 04 07:06:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.990	196	202272	81.216	ng	95
46) 1,1'-Biphenyl	13.325	154	758905	79.619	ng	99
47) 2-Chloronaphthalene	13.366	162	556492	81.148	ng	97
48) 2-Nitroaniline	13.566	65	191270	79.422	ng	96
49) Acenaphthylene	14.212	152	876031	80.928	ng	98
50) Dimethylphthalate	13.960	163	737772	90.056	ng	100
51) 2,6-Dinitrotoluene	14.065	165	149847	80.740	ng	93
52) Acenaphthene	14.553	154	577112	77.883	ng	97
53) 3-Nitroaniline	14.395	138	156548	80.336	ng	93
54) 2,4-Dinitrophenol	14.594	184	56690	79.763	ng	89
55) Dibenzofuran	14.888	168	917033	77.406	ng	98
56) 4-Nitrophenol	14.700	139	126693	81.989	ng	94
57) 2,4-Dinitrotoluene	14.853	165	209188	81.463	ng	95
58) Fluorene	15.540	166	703089	76.952	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.111	232	189643	80.796	ng	98
60) Diethylphthalate	15.323	149	789331	91.077	ng	98
61) 4-Chlorophenyl-phenyle...	15.534	204	350688	75.931	ng	98
62) 4-Nitroaniline	15.558	138	163275	80.033	ng	99
63) Azobenzene	15.828	77	854256	78.724	ng	98
65) 4,6-Dinitro-2-methylph...	15.617	198	89063	79.641	ng	92
66) n-Nitrosodiphenylamine	15.752	169	622827	83.376	ng	99
67) 4-Bromophenyl-phenylether	16.427	248	232316	84.121	ng	98
68) Hexachlorobenzene	16.539	284	249875	81.245	ng	95
69) Atrazine	16.698	200	110686	65.843	ng	96
70) Pentachlorophenol	16.880	266	161280	81.912	ng	96
71) Phenanthrene	17.273	178	1124982	78.588	ng	99
72) Anthracene	17.362	178	1141086	80.191	ng	99
73) Carbazole	17.632	167	1037433	82.047	ng	99
74) Di-n-butylphthalate	18.208	149	1260966	80.476	ng	99
75) Fluoranthene	19.283	202	1302923	77.719	ng	99
77) Benzidine	19.465	184	322501	92.702	ng	99
78) Pyrene	19.641	202	1355024	78.557	ng	99
80) Butylbenzylphthalate	20.546	149	483117	95.054	ng	97
81) Benzo(a)anthracene	21.445	228	1391945	80.794	ng	99
82) 3,3'-Dichlorobenzidine	21.369	252	452610	91.201	ng	97
83) Chrysene	21.510	228	1379608	79.943	ng	100
84) Bis(2-ethylhexyl)phtha...	21.380	149	787058	79.483	ng	99
85) Di-n-octyl phthalate	22.532	149	1329974	79.656	ng	97
87) Indeno(1,2,3-cd)pyrene	27.896	276	1588326	83.513	ng	98
88) Benzo(b)fluoranthene	23.537	252	1417467	82.918	ng	99
89) Benzo(k)fluoranthene	23.601	252	1408434	80.952	ng	100
90) Benzo(a)pyrene	24.348	252	1272392	83.456	ng	99
91) Dibenzo(a,h)anthracene	27.961	278	1323980	84.273	ng	98
92) Benzo(g,h,i)perylene	28.966	276	1335839	81.653	ng	98

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

Instrument :

BNA G

ClientSampleId :

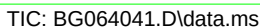
Quant Time: Mar 04 07:15:01 2025

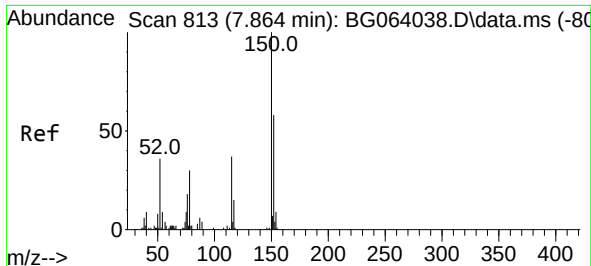
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030325.M

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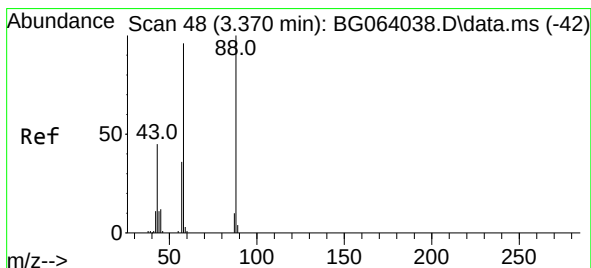
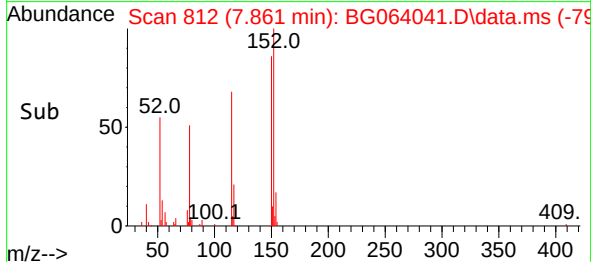
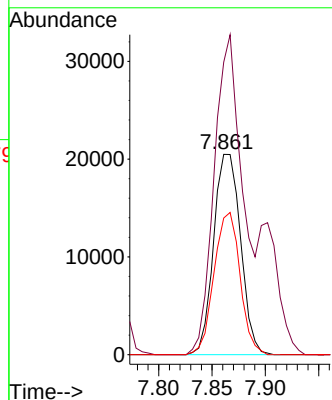
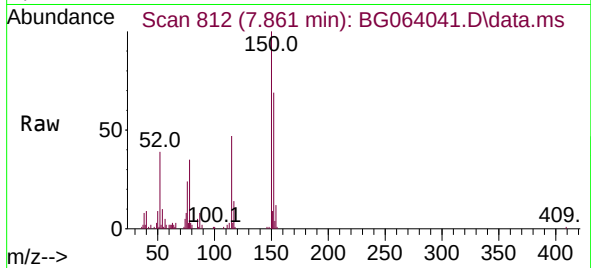




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.861 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: BG064041.D
 Acq: 3 Mar 2025 16:59

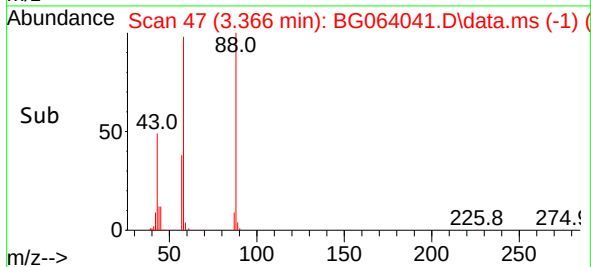
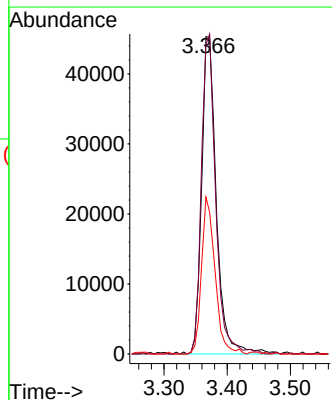
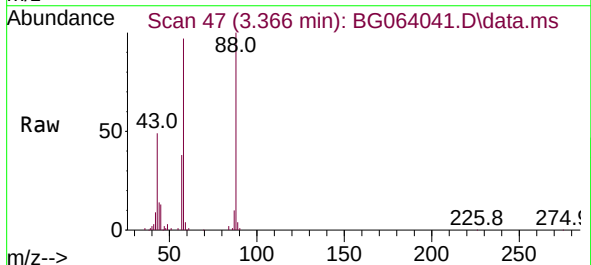
Instrument :
 BNA_G
 ClientSampleId :

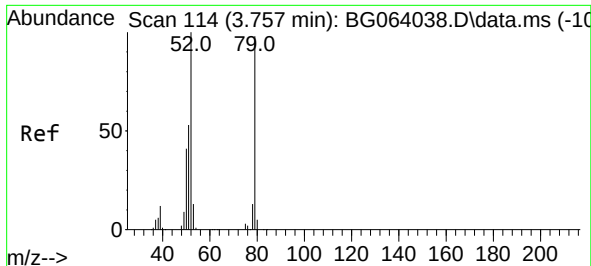
Tgt Ion:152 Resp: 35968
 Ion Ratio Lower Upper
 152 100
 150 146.0 137.7 206.5
 115 68.2 51.4 77.2



#2
 1,4-Dioxane
 Concen: 69.826 ng
 RT: 3.366 min Scan# 47
 Delta R.T. -0.003 min
 Lab File: BG064041.D
 Acq: 3 Mar 2025 16:59

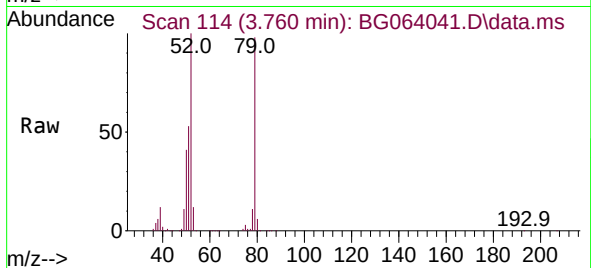
Tgt Ion: 88 Resp: 73339
 Ion Ratio Lower Upper
 88 100
 58 97.7 77.0 115.6
 43 45.3 34.6 52.0



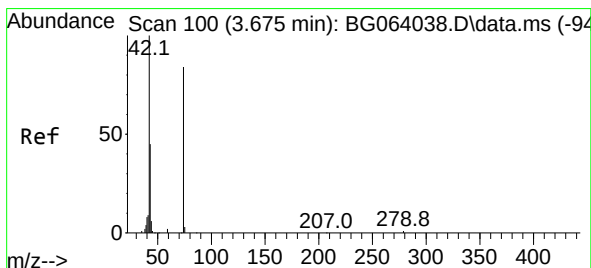
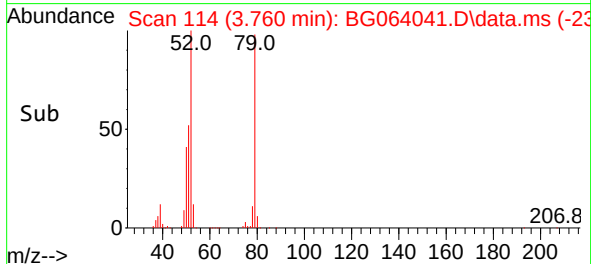
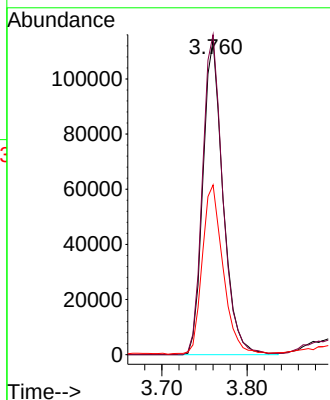


#3
Pyridine
Concen: 74.914 ng
RT: 3.760 min Scan# 114
Delta R.T. 0.002 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

Instrument :
BNA_G
ClientSampleId :

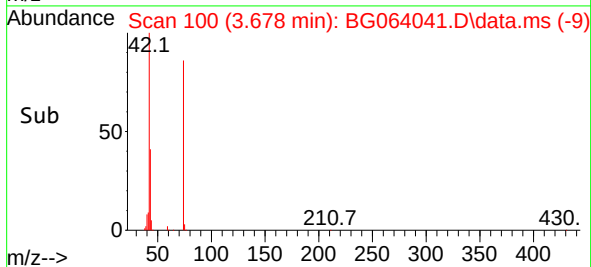
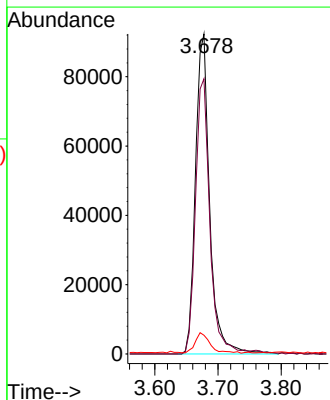
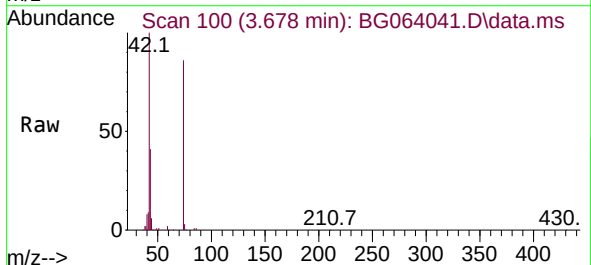


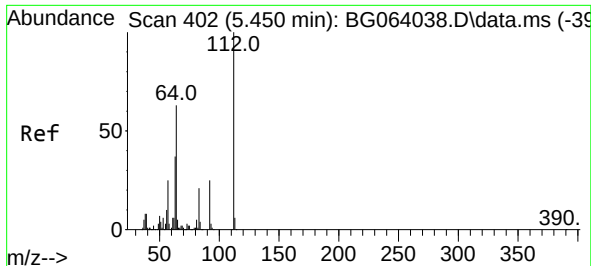
Tgt Ion: 79 Resp: 186650
Ion Ratio Lower Upper
79 100
52 101.8 82.0 123.0
51 54.0 44.2 66.2



#4
n-Nitrosodimethylamine
Concen: 79.249 ng
RT: 3.678 min Scan# 100
Delta R.T. 0.002 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

Tgt Ion: 42 Resp: 144062
Ion Ratio Lower Upper
42 100
74 86.0 67.2 100.8
44 5.9 5.6 8.4

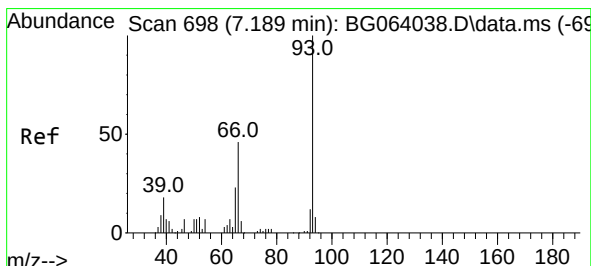
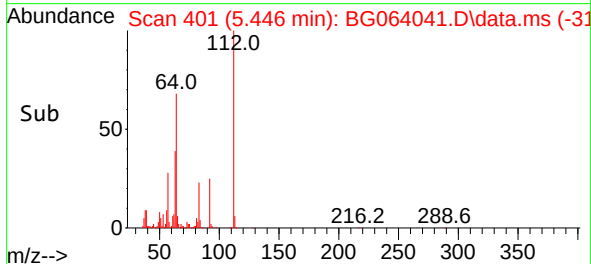
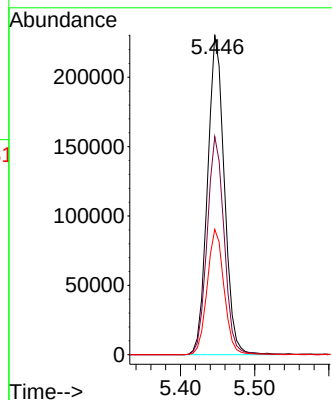
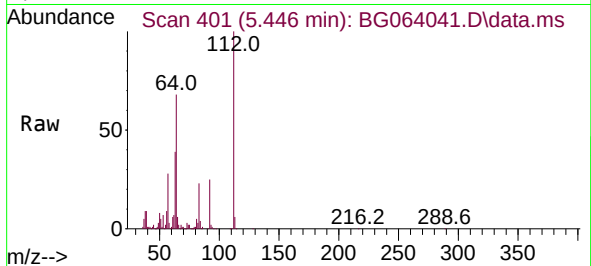




#5
2-Fluorophenol
Concen: 173.250 ng
RT: 5.446 min Scan# 402
Delta R.T. -0.003 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

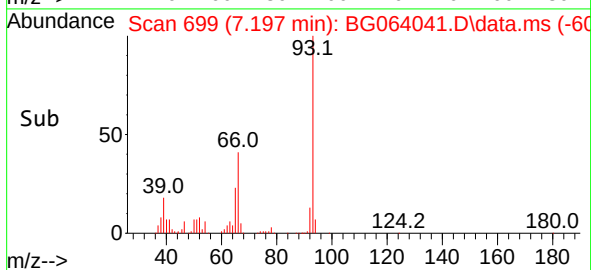
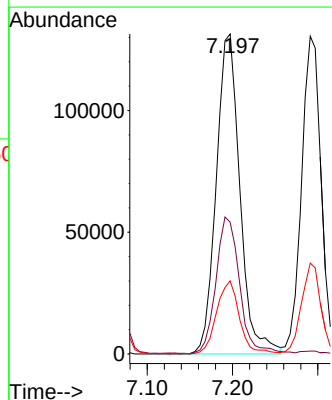
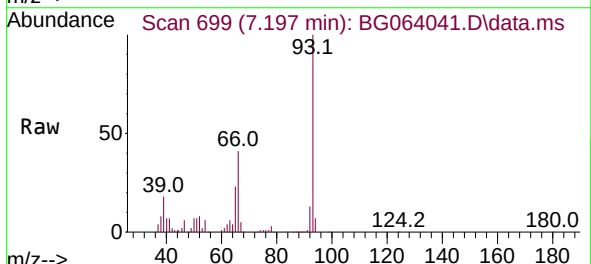
Instrument :
BNA_G
ClientSampleId :

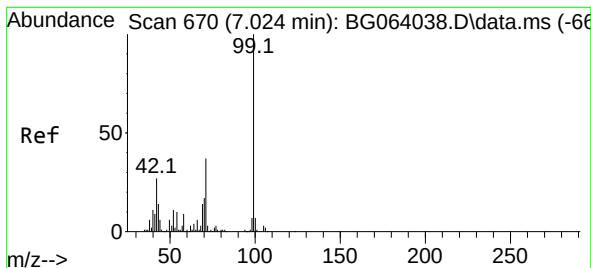
Tgt Ion:112 Resp: 363325
Ion Ratio Lower Upper
112 100
64 68.1 50.5 75.7
63 39.2 29.8 44.6



#6
Aniline
Concen: 80.133 ng
RT: 7.197 min Scan# 699
Delta R.T. 0.008 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

Tgt Ion: 93 Resp: 253152
Ion Ratio Lower Upper
93 100
66 41.2 37.1 55.7
65 22.9 18.2 27.2





#7

Phenol-d6

Concen: 181.306 ng

RT: 7.033 min Scan# 6

Delta R.T. 0.008 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

Instrument :

BNA_G

ClientSampleId :

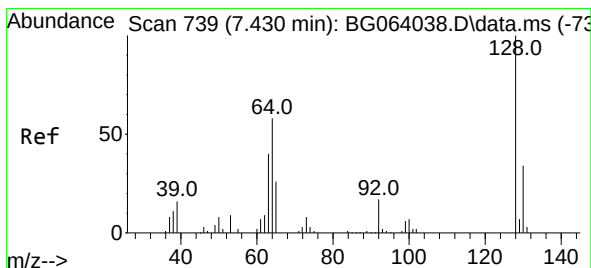
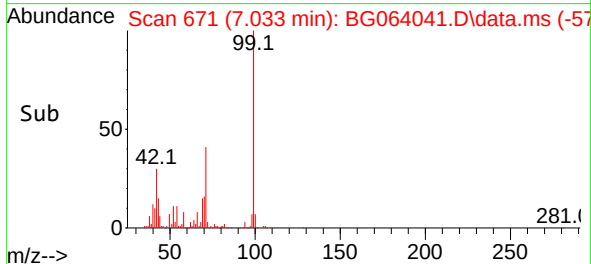
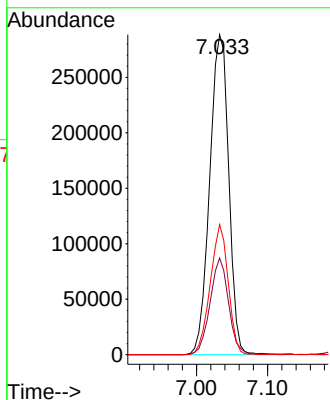
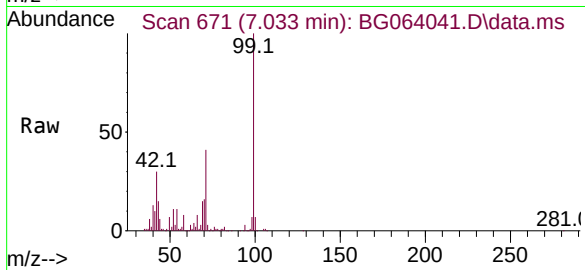
Tgt Ion: 99 Resp: 536330

Ion Ratio Lower Upper

99 100

42 30.2 21.9 32.9

71 40.7 29.5 44.3



#8

2-Chlorophenol

Concen: 91.497 ng

RT: 7.432 min Scan# 739

Delta R.T. 0.002 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

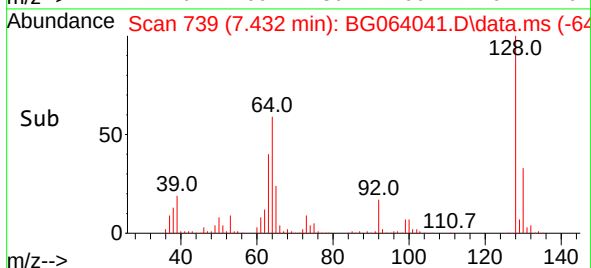
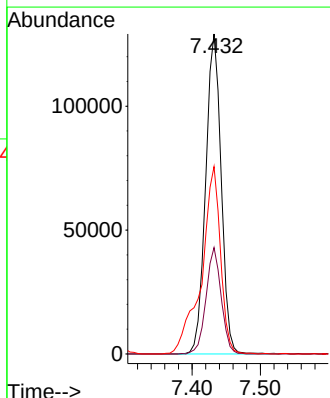
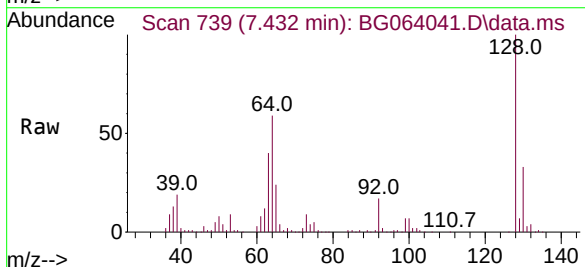
Tgt Ion:128 Resp: 204097

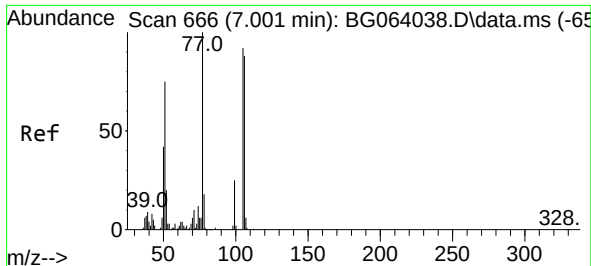
Ion Ratio Lower Upper

128 100

130 33.3 14.4 54.4

64 58.5 40.7 80.7

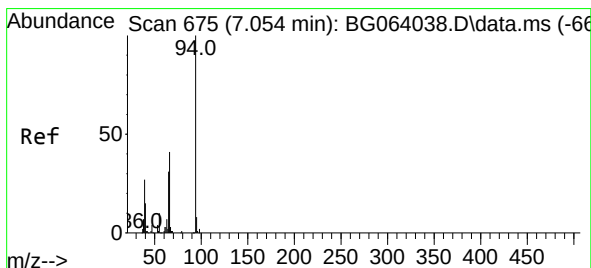
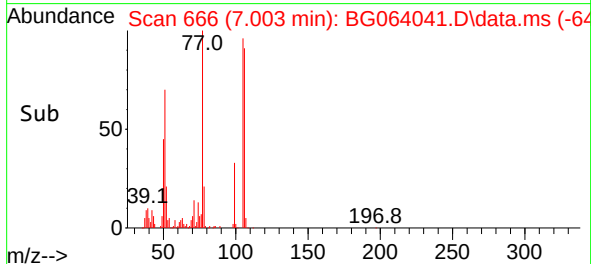
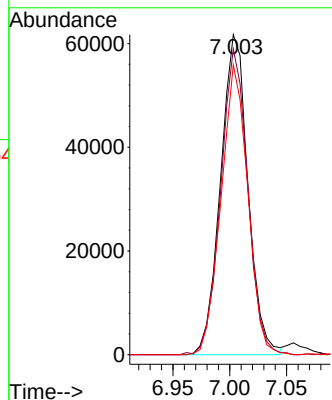
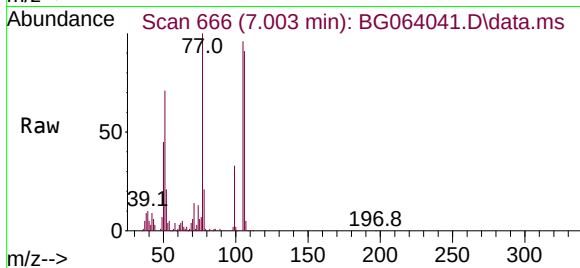




#9
Benzaldehyde
Concen: 58.643 ng
RT: 7.003 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

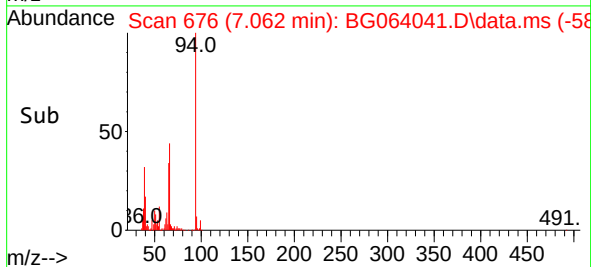
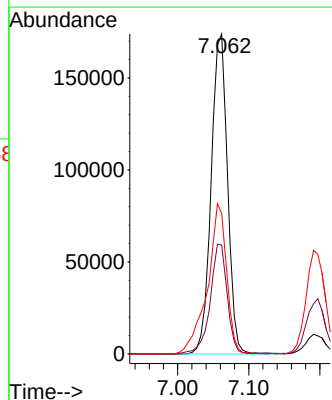
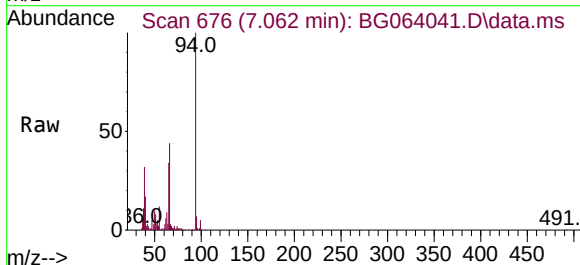
Instrument :
BNA_G
ClientSampleId :

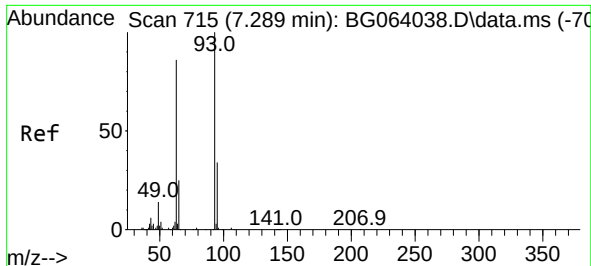
Tgt Ion: 77 Resp: 103414
Ion Ratio Lower Upper
77 100
105 95.5 72.0 112.0
106 90.6 68.0 108.0



#10
Phenol
Concen: 90.327 ng
RT: 7.062 min Scan# 676
Delta R.T. 0.008 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

Tgt Ion: 94 Resp: 278295
Ion Ratio Lower Upper
94 100
65 34.0 11.8 51.8
66 44.0 21.6 61.6

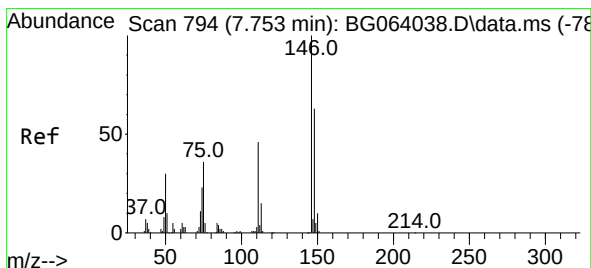
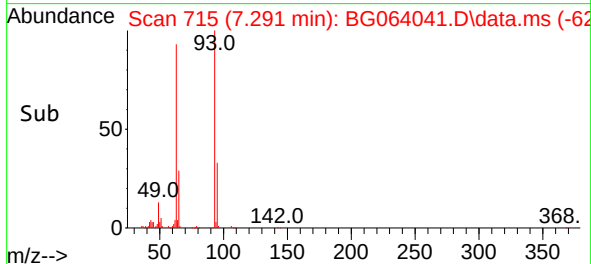
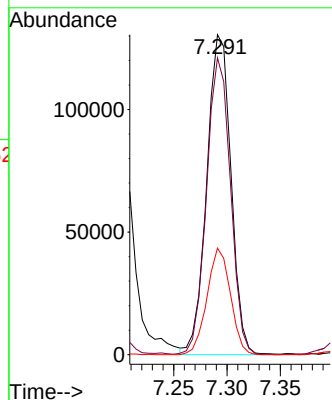
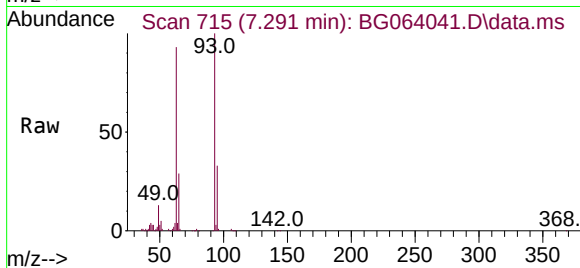




#11
bis(2-Chloroethyl)ether
Concen: 80.779 ng
RT: 7.291 min Scan# 715
Delta R.T. 0.002 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

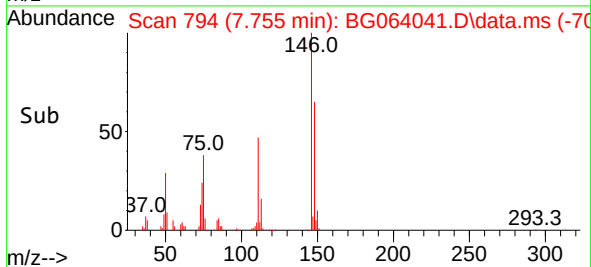
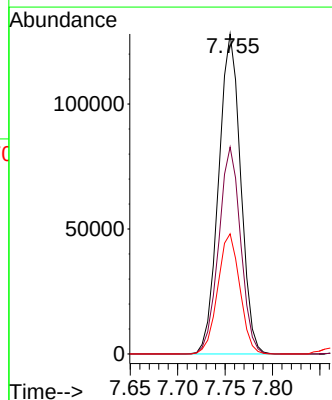
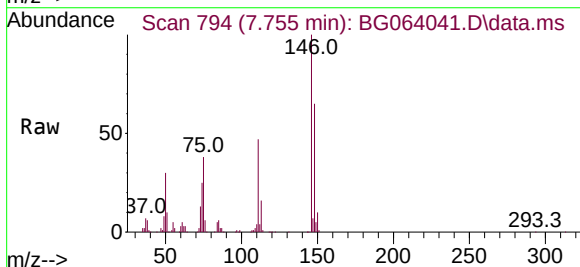
Instrument :
BNA_G
ClientSampleId :

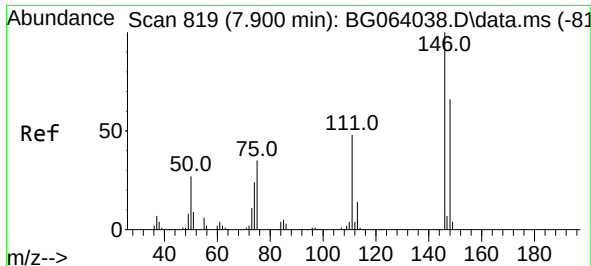
Tgt Ion: 93 Resp: 206490
Ion Ratio Lower Upper
93 100
63 92.7 65.7 105.7
95 33.3 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 77.815 ng
RT: 7.755 min Scan# 794
Delta R.T. 0.002 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

Tgt Ion:146 Resp: 206639
Ion Ratio Lower Upper
146 100
148 64.7 50.6 76.0
75 37.6 29.2 43.8





#13

1,4-Dichlorobenzene

Concen: 78.080 ng

RT: 7.902 min Scan# 819

Delta R.T. 0.002 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

Instrument :

BNA_G

ClientSampleId :

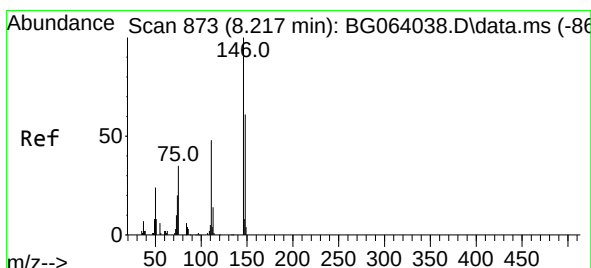
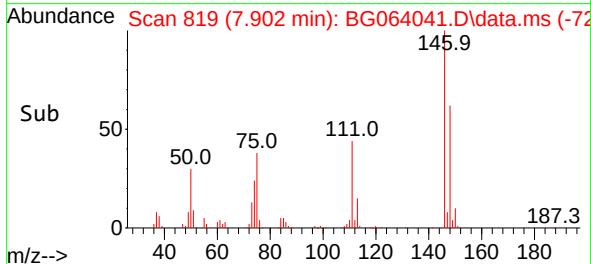
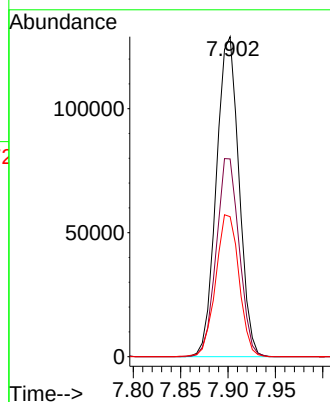
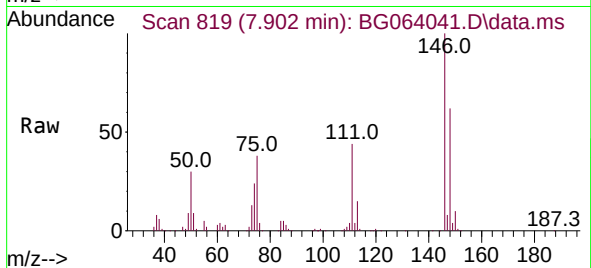
Tgt Ion:146 Resp: 214336

Ion Ratio Lower Upper

146 100

148 61.8 52.5 78.7

111 43.7 38.5 57.7



#14

1,2-Dichlorobenzene

Concen: 80.894 ng

RT: 8.219 min Scan# 873

Delta R.T. 0.002 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

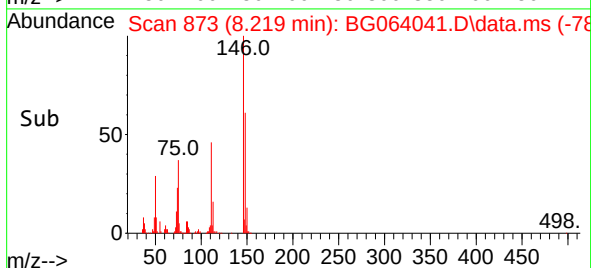
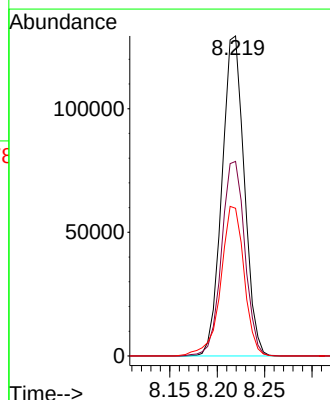
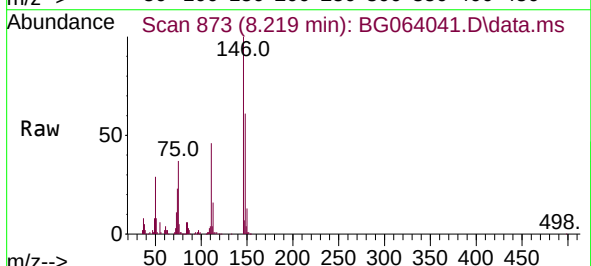
Tgt Ion:146 Resp: 212012

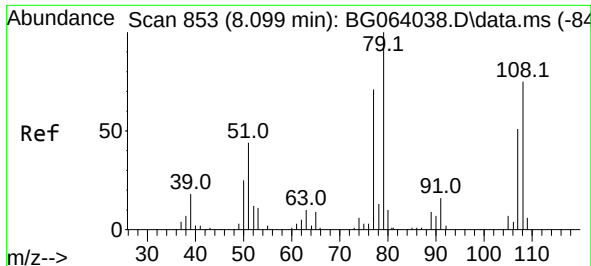
Ion Ratio Lower Upper

146 100

148 60.8 48.8 73.2

111 46.2 38.8 58.2

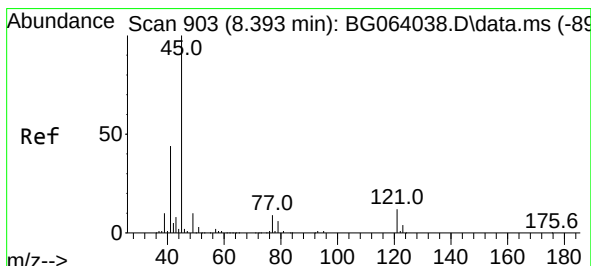
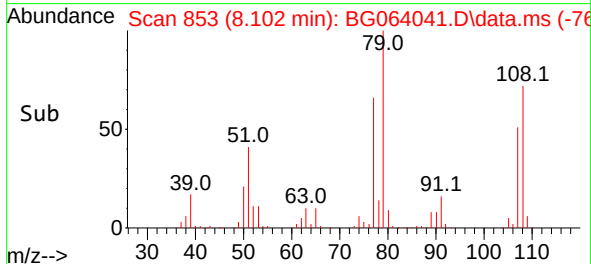
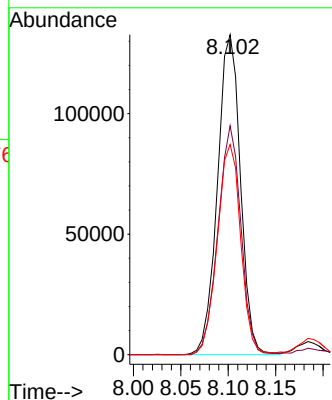
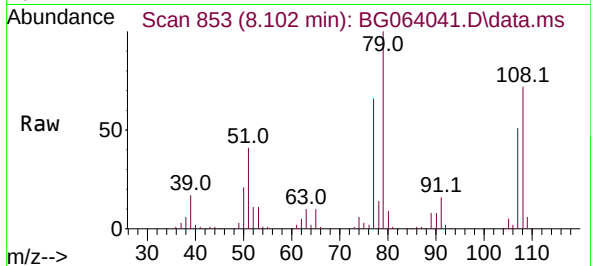




#15
Benzyl Alcohol
Concen: 92.236 ng
RT: 8.102 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

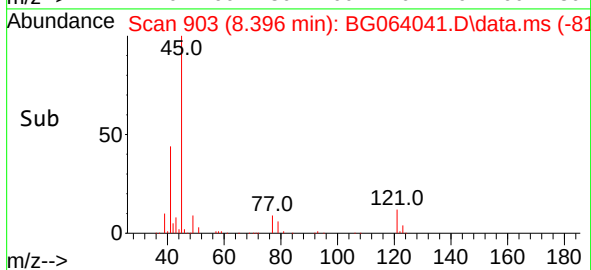
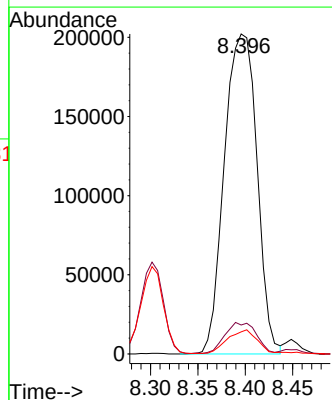
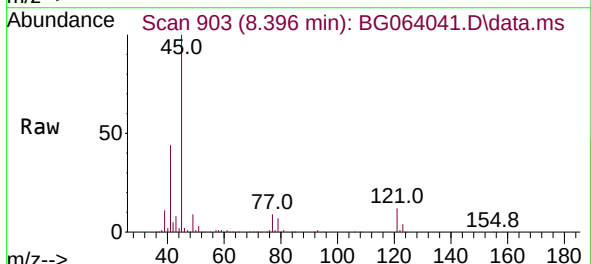
Instrument :
BNA_G
ClientSampleId :

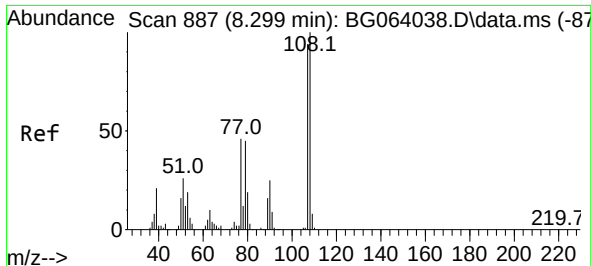
Tgt Ion: 79 Resp: 223926
Ion Ratio Lower Upper
79 100
108 71.6 60.0 90.0
77 65.7 56.9 85.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 83.961 ng
RT: 8.396 min Scan# 903
Delta R.T. 0.002 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

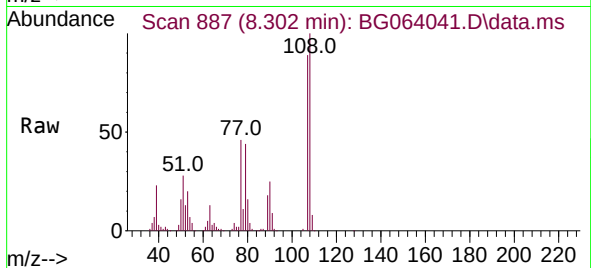
Tgt Ion: 45 Resp: 483409
Ion Ratio Lower Upper
45 100
77 9.1 0.0 29.8
79 6.9 0.0 26.5



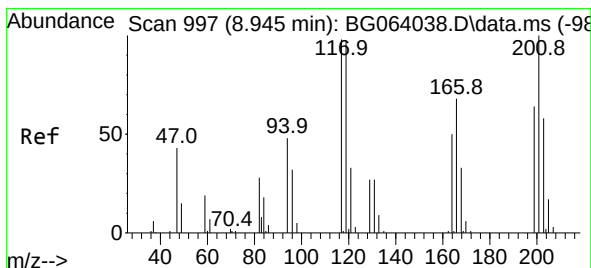
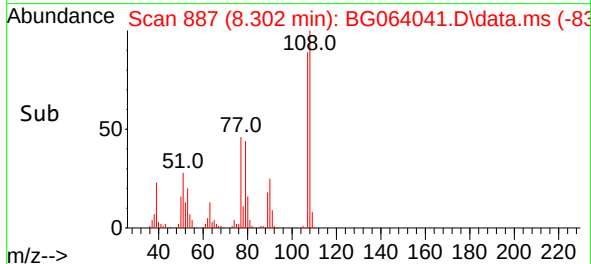
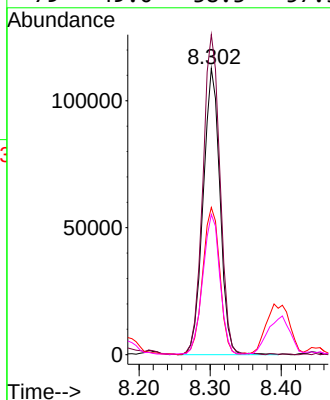


#17
2-Methylphenol
Concen: 89.801 ng
RT: 8.302 min Scan# 887
Delta R.T. 0.002 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

Instrument :
BNA_G
ClientSampleId :

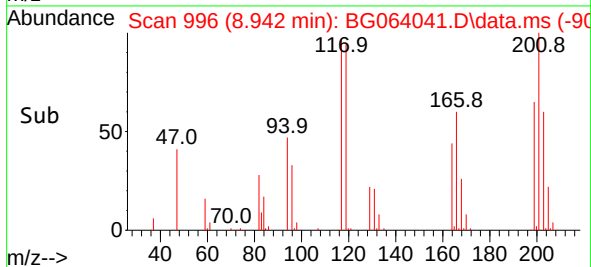
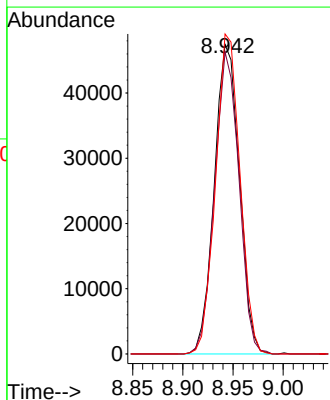
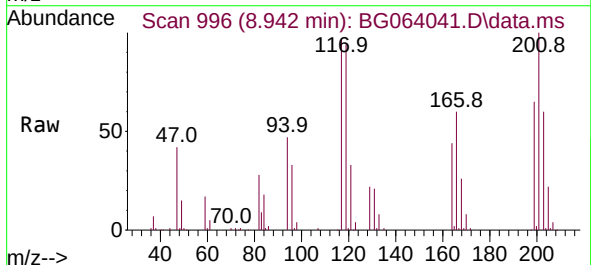


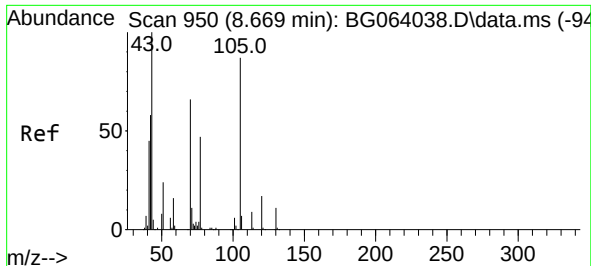
Tgt Ion:	107	Resp:	186196
Ion	Ratio	Lower	Upper
107	100		
108	111.8	85.5	128.3
77	51.4	39.0	58.4
79	49.0	38.3	57.5



#18
Hexachloroethane
Concen: 89.663 ng
RT: 8.942 min Scan# 996
Delta R.T. -0.003 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

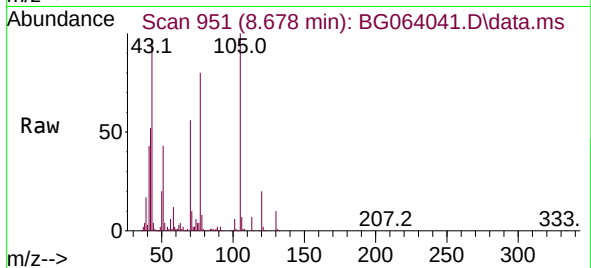
Tgt Ion:	117	Resp:	82486
Ion	Ratio	Lower	Upper
117	100		
119	97.6	78.6	117.8
201	103.4	81.1	121.7



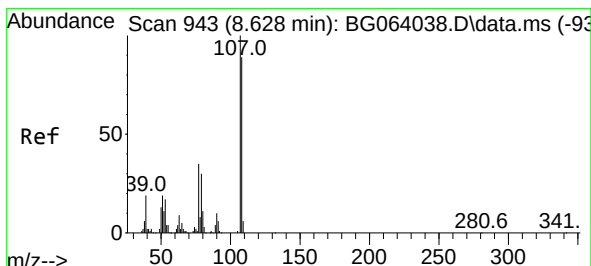
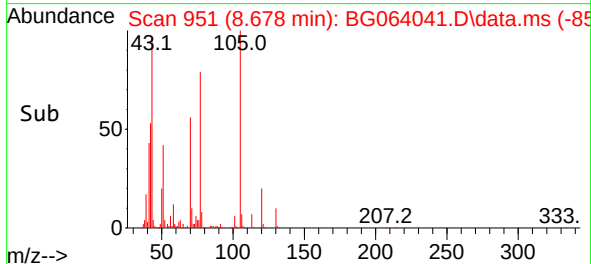
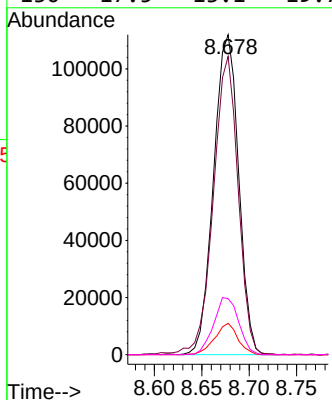


#19
n-Nitroso-di-n-propylamine
Concen: 88.644 ng
RT: 8.678 min Scan# 91
Delta R.T. 0.008 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

Instrument :
BNA_G
ClientSampleId :

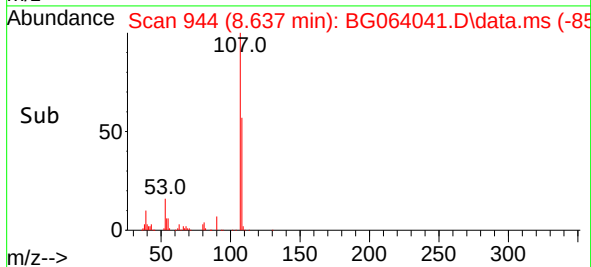
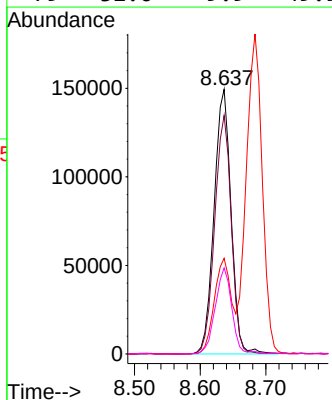
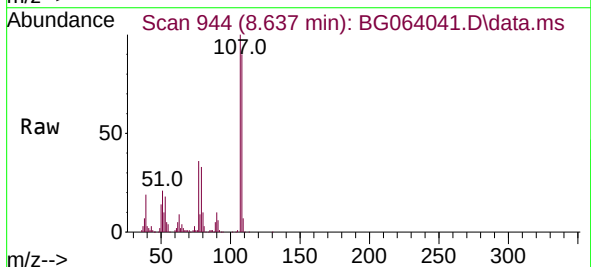


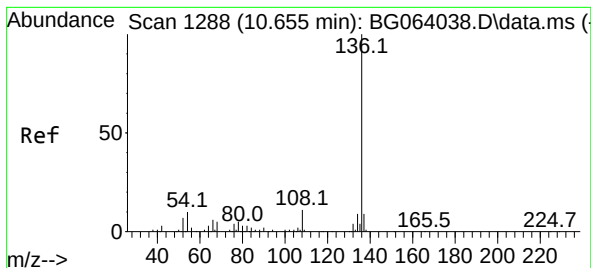
Tgt Ion:	70	Resp:	205429
Ion	Ratio	Lower	Upper
70	100		
42	93.2	71.0	106.6
101	9.8	7.3	10.9
130	17.5	13.1	19.7



#20
3+4-Methylphenols
Concen: 89.843 ng
RT: 8.637 min Scan# 944
Delta R.T. 0.009 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

Tgt Ion:	107	Resp:	267297
Ion	Ratio	Lower	Upper
107	100		
108	90.1	69.3	109.3
77	36.2	14.7	54.7
79	32.6	9.9	49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.652 min Scan# 1288

Delta R.T. -0.003 min

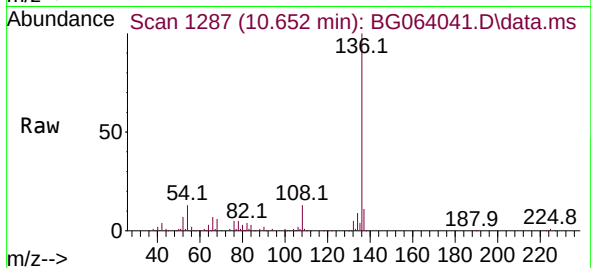
Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:136 Resp: 173887

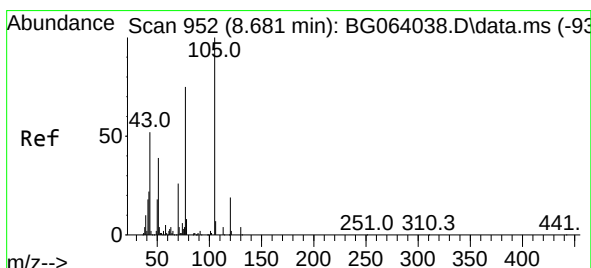
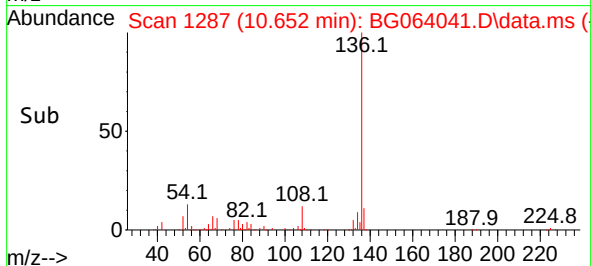
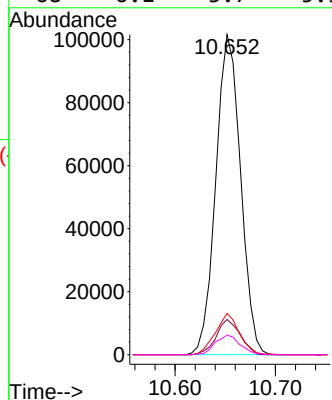
Ion Ratio Lower Upper

136 100

137 11.0 7.3 10.9#

54 12.9 8.2 12.4#

68 6.1 3.7 5.5#



#22

Acetophenone

Concen: 80.098 ng

RT: 8.684 min Scan# 952

Delta R.T. 0.002 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

Tgt Ion:105 Resp: 384354

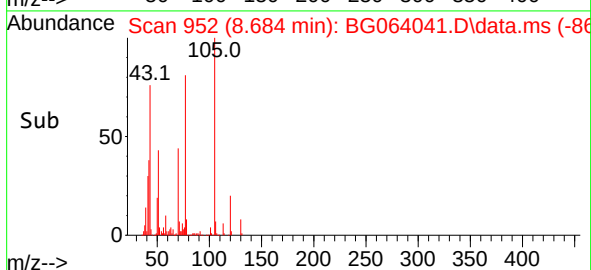
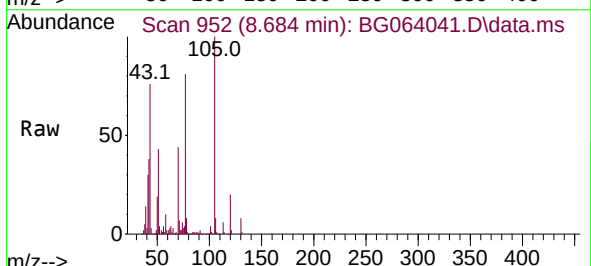
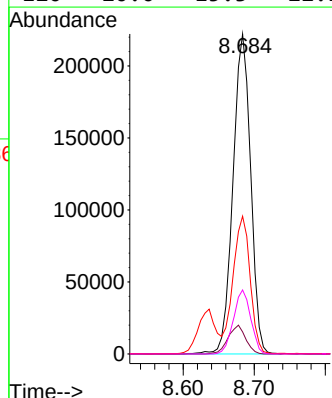
Ion Ratio Lower Upper

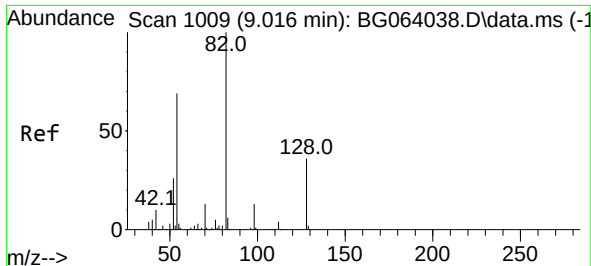
105 100

71 6.9 3.2 4.8#

51 43.1 32.0 48.0

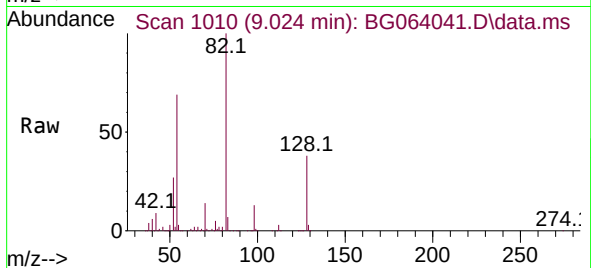
120 20.0 15.3 22.9



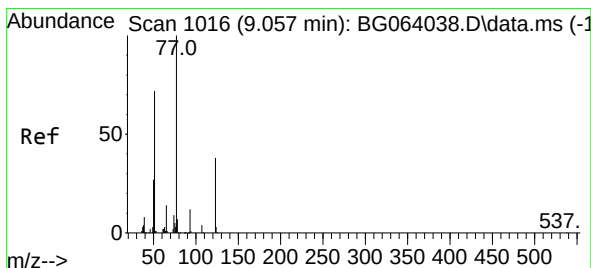
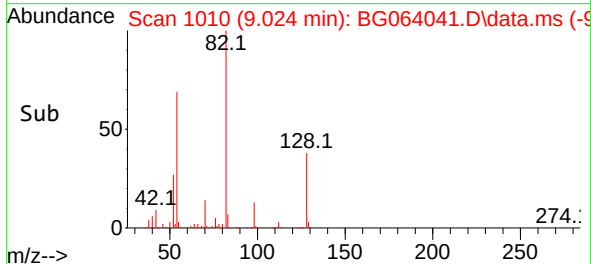
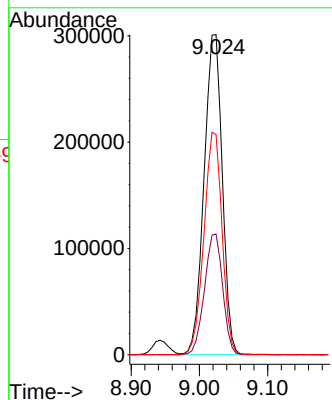


#23
Nitrobenzene-d5
Concen: 187.037 ng
RT: 9.024 min Scan# 1010
Delta R.T. 0.008 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

Instrument :
BNA_G
ClientSampleId :

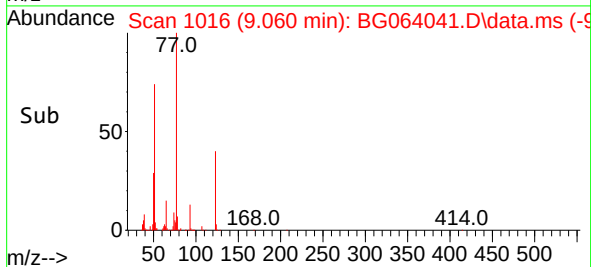
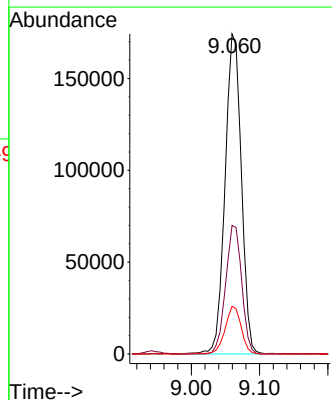
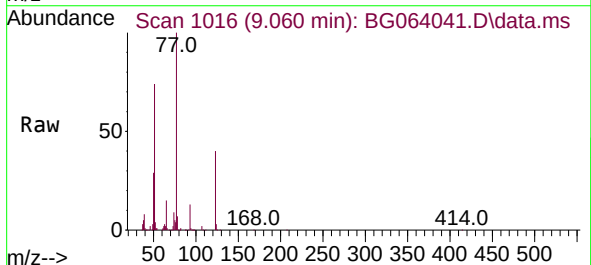


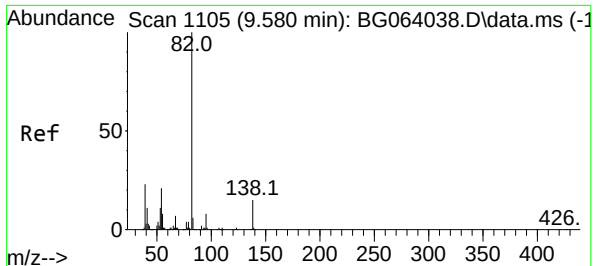
Tgt Ion: 82 Resp: 559577
Ion Ratio Lower Upper
82 100
128 37.7 28.3 42.5
54 68.8 55.4 83.0



#24
Nitrobenzene
Concen: 91.897 ng
RT: 9.060 min Scan# 1016
Delta R.T. 0.002 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

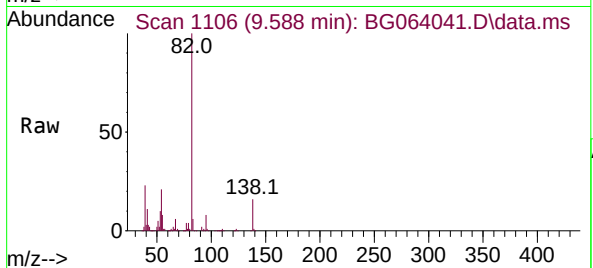
Tgt Ion: 77 Resp: 290076
Ion Ratio Lower Upper
77 100
123 40.2 30.1 45.1
65 14.9 11.1 16.7



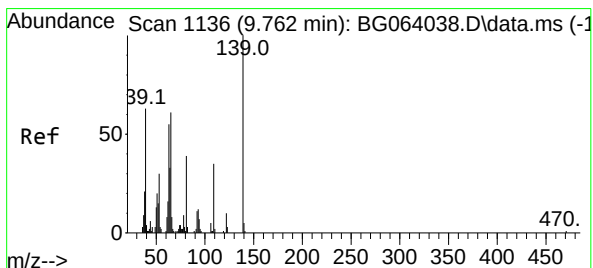
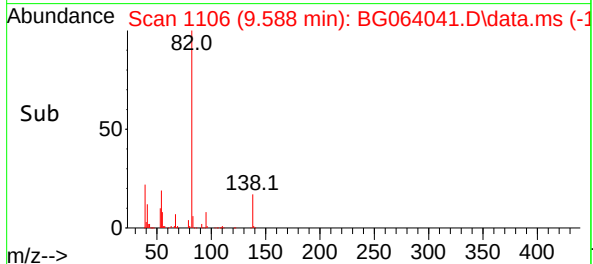
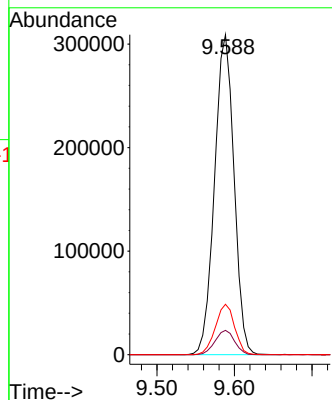


#25
Isophorone
Concen: 84.768 ng
RT: 9.588 min Scan# 1105
Delta R.T. 0.008 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

Instrument :
BNA_G
ClientSampleId :

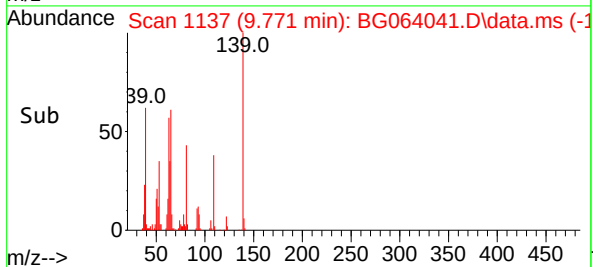
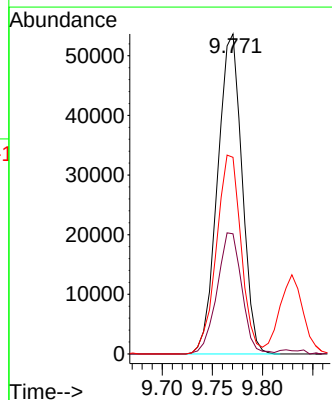
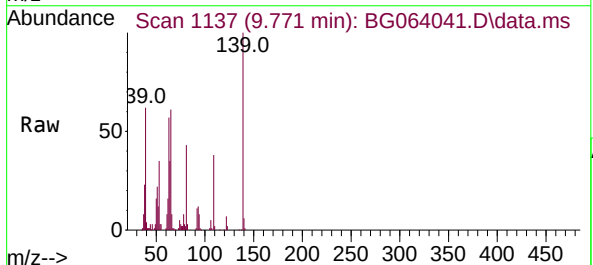


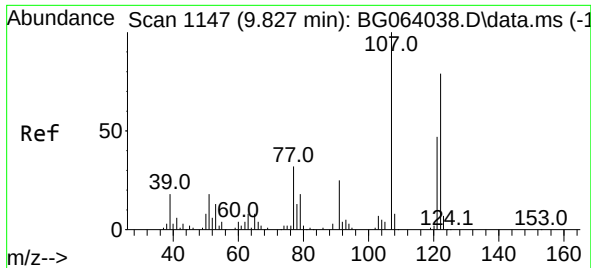
Tgt Ion: 82 Resp: 538900
Ion Ratio Lower Upper
82 100
95 7.6 6.3 9.5
138 15.8 12.1 18.1



#26
2-Nitrophenol
Concen: 75.996 ng
RT: 9.771 min Scan# 1137
Delta R.T. 0.008 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

Tgt Ion:139 Resp: 90503
Ion Ratio Lower Upper
139 100
109 37.6 28.1 42.1
65 61.4 49.1 73.7

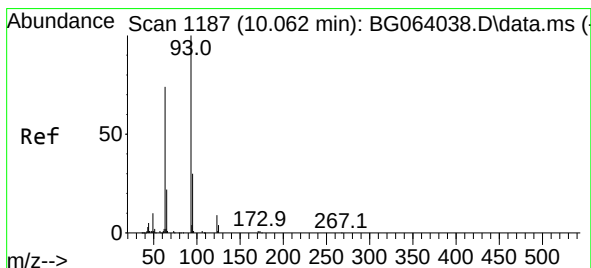
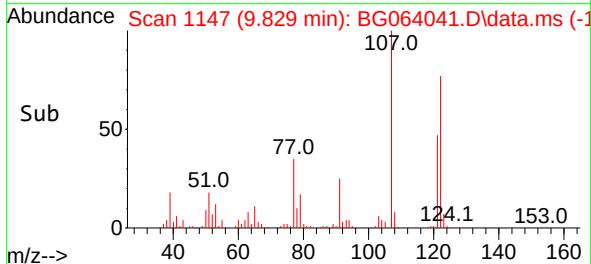
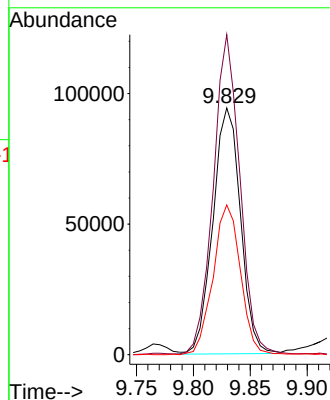
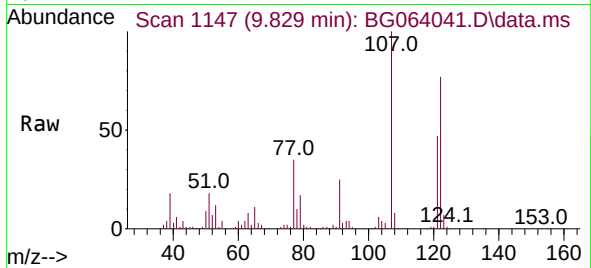




#27
2,4-Dimethylphenol
Concen: 94.076 ng
RT: 9.829 min Scan# 1147
Delta R.T. 0.002 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

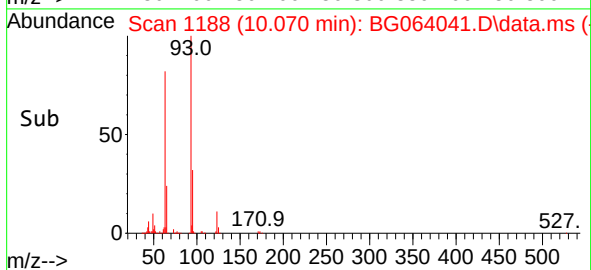
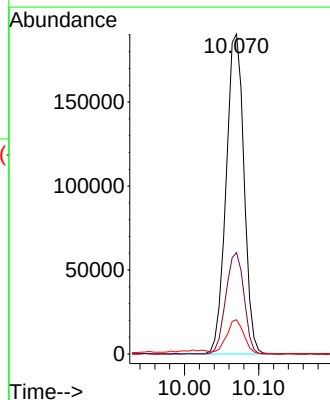
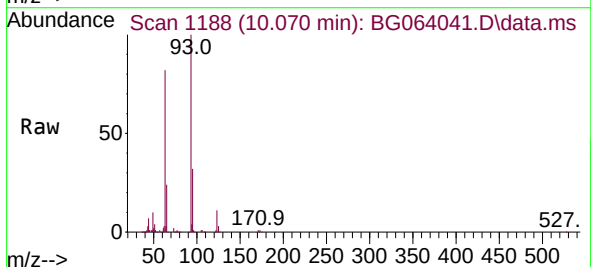
Instrument :
BNA_G
ClientSampleId :

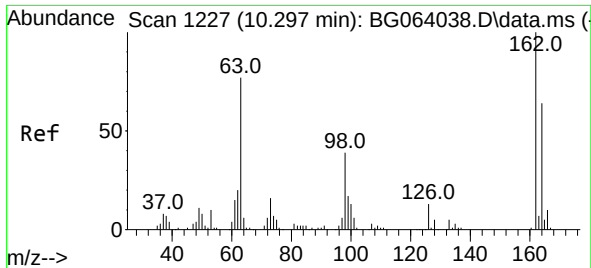
Tgt Ion:122 Resp: 158998
Ion Ratio Lower Upper
122 100
107 129.7 101.2 151.8
121 60.7 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 81.411 ng
RT: 10.070 min Scan# 1188
Delta R.T. 0.008 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

Tgt Ion: 93 Resp: 318211
Ion Ratio Lower Upper
93 100
95 31.7 23.8 35.6
123 10.7 7.0 10.4#





#29

2,4-Dichlorophenol

Concen: 80.498 ng

RT: 10.299 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

Instrument :

BNA_G

ClientSampleId :

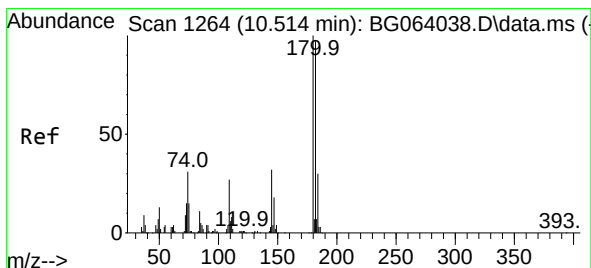
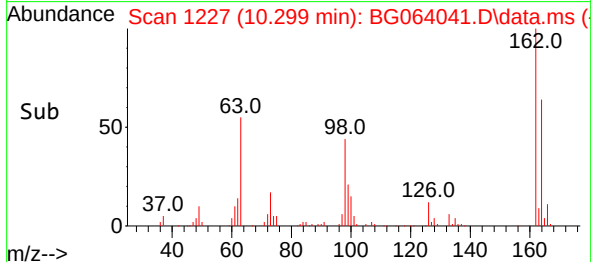
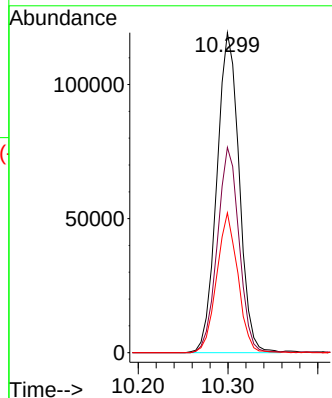
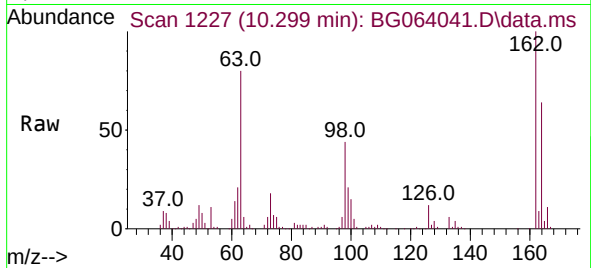
Tgt Ion:162 Resp: 205797

Ion Ratio Lower Upper

162 100

164 64.2 44.4 84.4

98 43.7 19.3 59.3



#30

1,2,4-Trichlorobenzene

Concen: 80.215 ng

RT: 10.517 min Scan# 1264

Delta R.T. 0.002 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

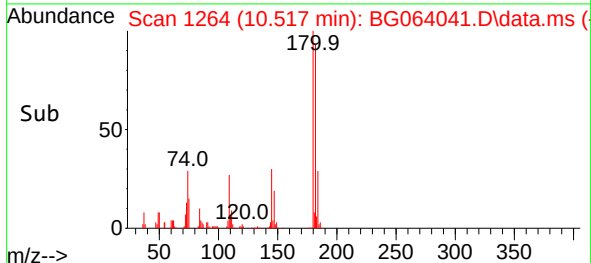
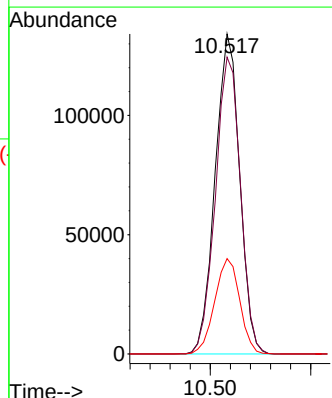
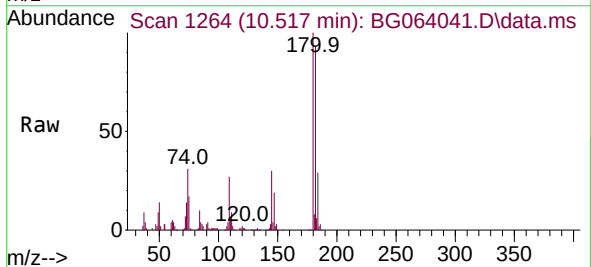
Tgt Ion:180 Resp: 227522

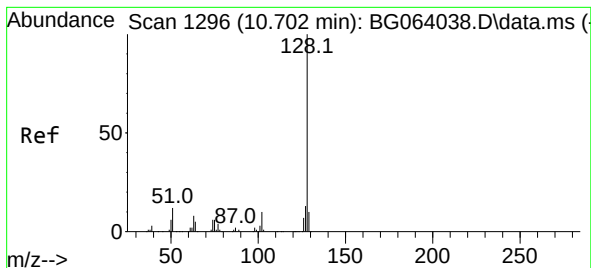
Ion Ratio Lower Upper

180 100

182 92.7 77.6 116.4

145 29.8 25.3 37.9

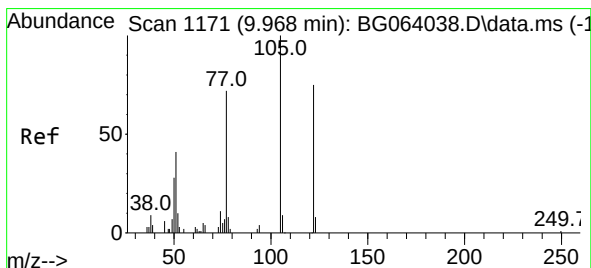
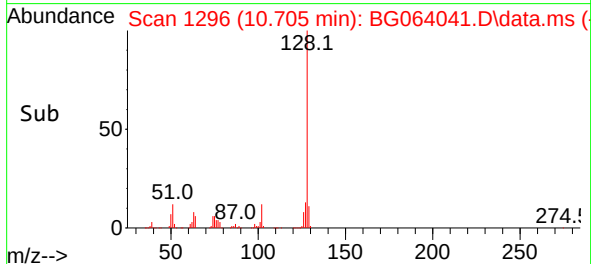
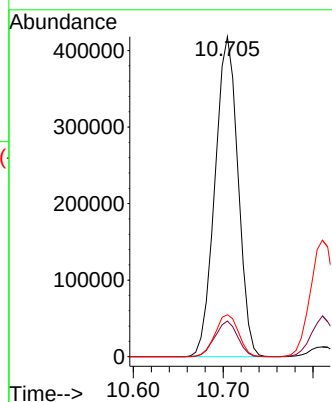
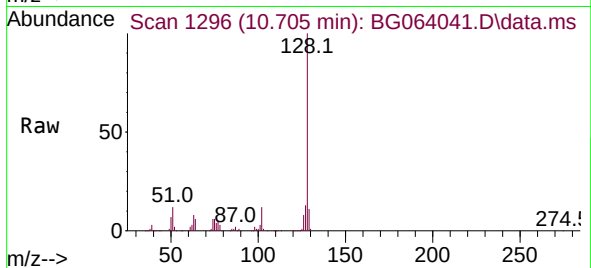




#31
Naphthalene
Concen: 79.514 ng
RT: 10.705 min Scan# 1180
Delta R.T. 0.002 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

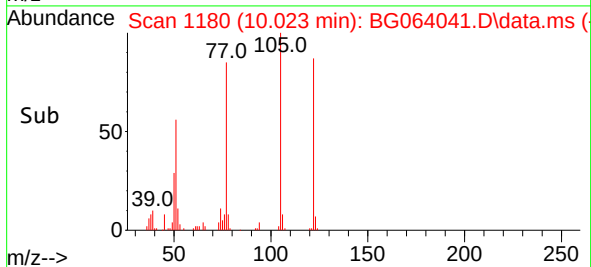
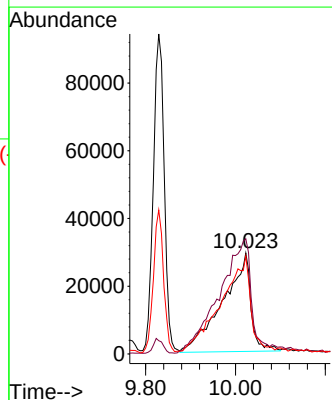
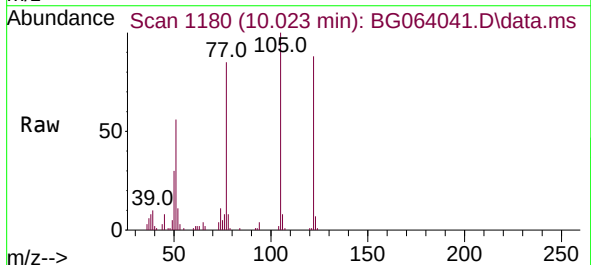
Instrument :
BNA_G
ClientSampleId :

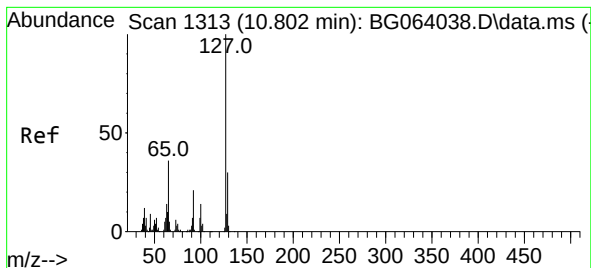
Tgt Ion:128 Resp: 744711
Ion Ratio Lower Upper
128 100
129 11.1 8.2 12.4
127 13.1 10.6 15.8



#32
Benzoic acid
Concen: 79.521 ng
RT: 10.023 min Scan# 1180
Delta R.T. 0.055 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

Tgt Ion:122 Resp: 126709
Ion Ratio Lower Upper
122 100
105 114.1 106.2 146.2
77 97.0 72.8 112.8





#33

4-Chloroaniline

Concen: 83.076 ng

RT: 10.810 min Scan# 1

Delta R.T. 0.008 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:127 Resp: 288057

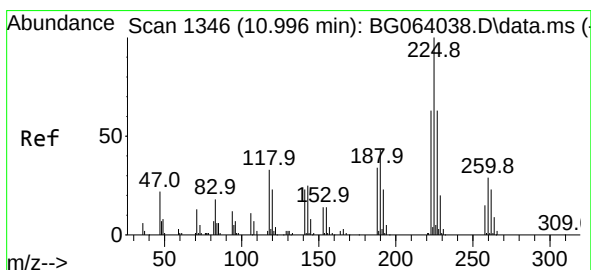
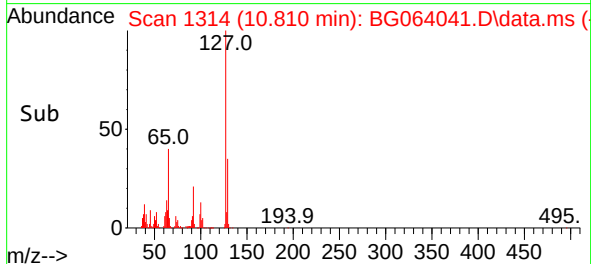
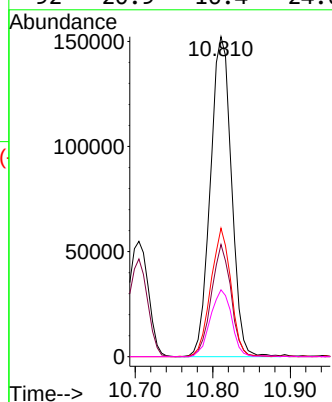
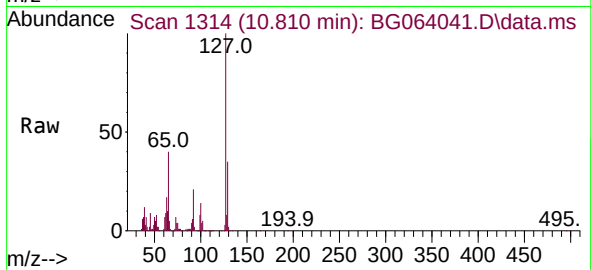
Ion Ratio Lower Upper

127 100

129 35.1 24.3 36.5

65 40.1 28.6 42.8

92 20.9 16.4 24.6



#34

Hexachlorobutadiene

Concen: 79.475 ng

RT: 10.998 min Scan# 1346

Delta R.T. 0.002 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

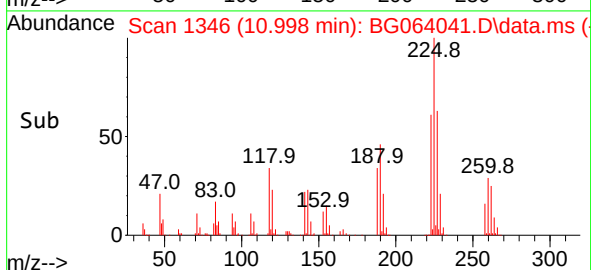
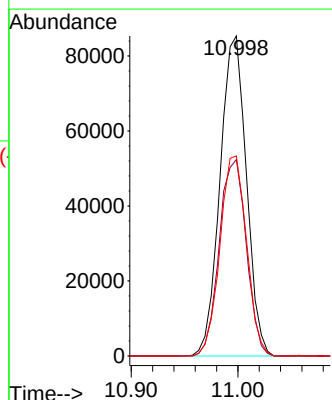
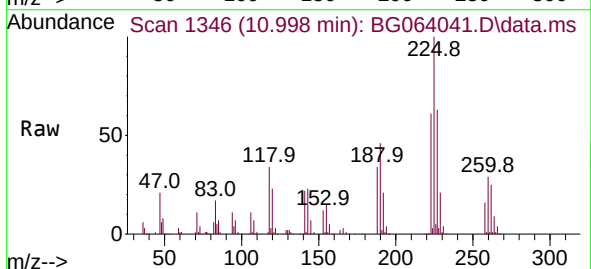
Tgt Ion:225 Resp: 146549

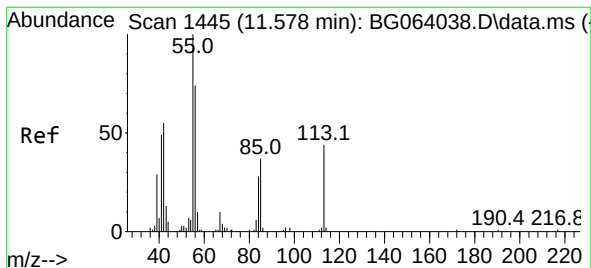
Ion Ratio Lower Upper

225 100

223 61.4 50.3 75.5

227 62.5 50.3 75.5





#35

Caprolactam

Concen: 91.943 ng

RT: 11.604 min Scan# 1445

Delta R.T. 0.026 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

Instrument :

BNA_G

ClientSampleId :

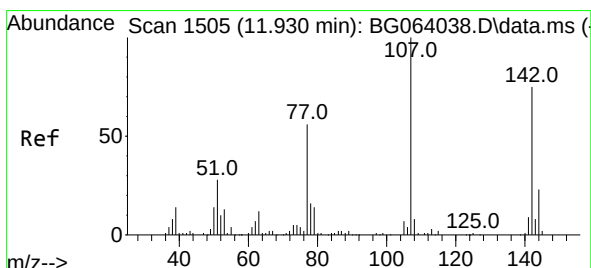
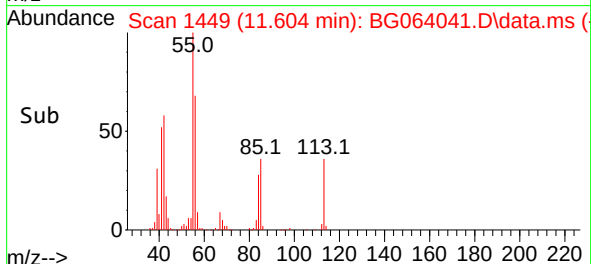
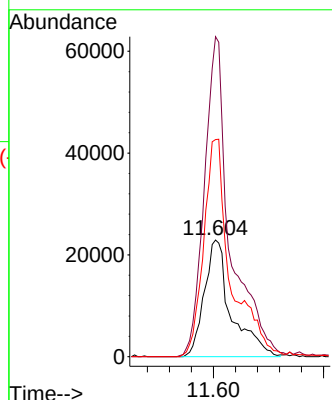
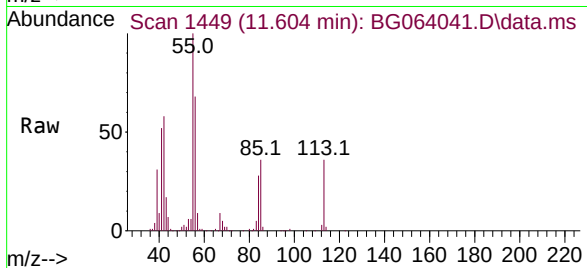
Tgt Ion:113 Resp: 77744

Ion Ratio Lower Upper

113 100

55 274.4 209.7 249.7#

56 186.1 149.2 189.2



#36

4-Chloro-3-methylphenol

Concen: 90.885 ng

RT: 11.939 min Scan# 1506

Delta R.T. 0.008 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

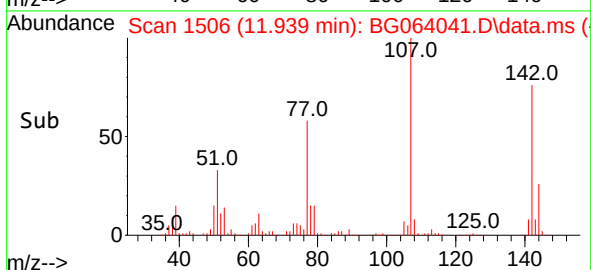
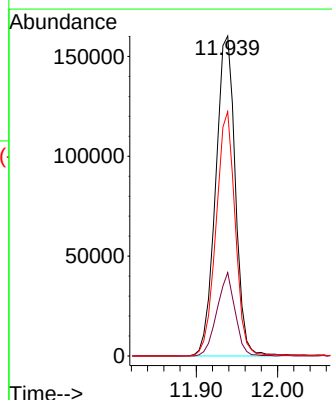
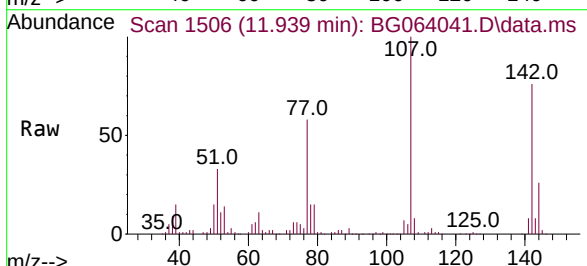
Tgt Ion:107 Resp: 270126

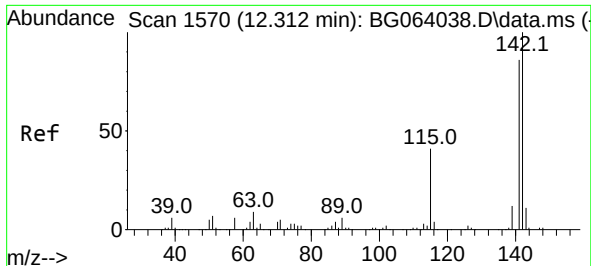
Ion Ratio Lower Upper

107 100

144 26.1 18.7 28.1

142 76.3 60.3 90.5

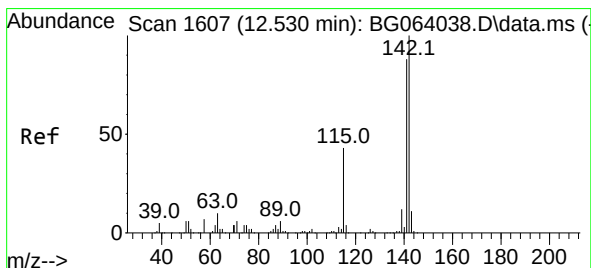
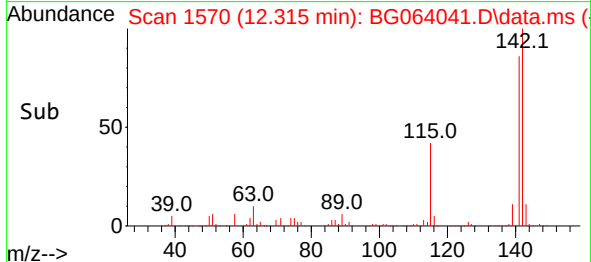
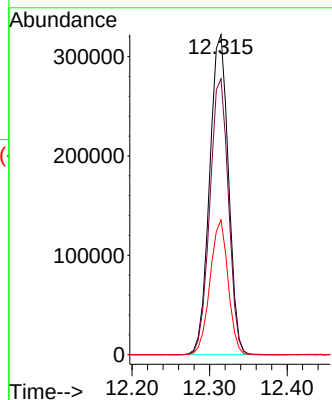
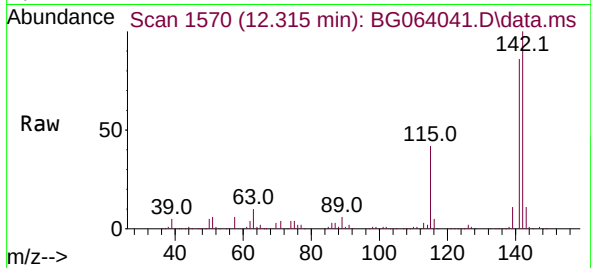




#37
2-Methylnaphthalene
Concen: 80.334 ng
RT: 12.315 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

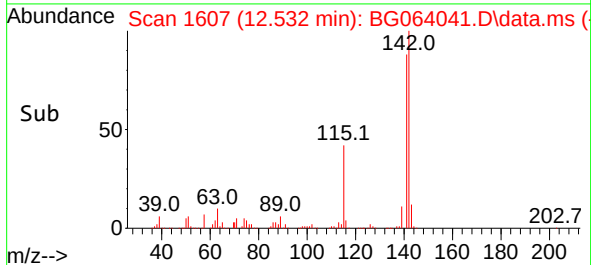
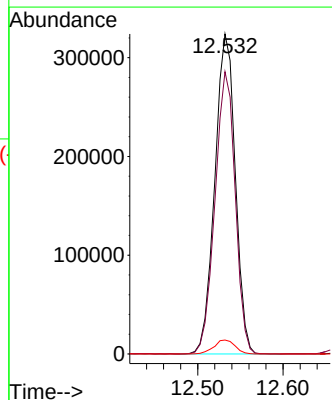
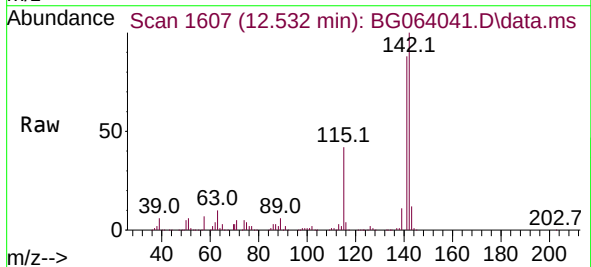
Instrument :
BNA_G
ClientSampleId :

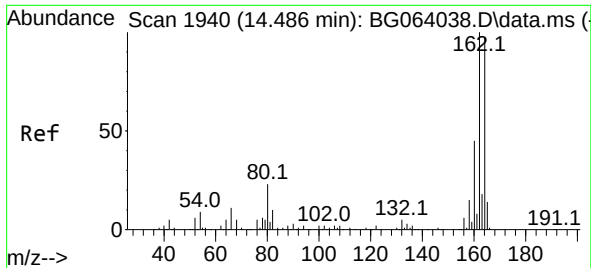
Tgt Ion:142 Resp: 542917
Ion Ratio Lower Upper
142 100
141 86.2 69.1 103.7
115 42.1 33.1 49.7



#38
1-Methylnaphthalene
Concen: 80.147 ng
RT: 12.532 min Scan# 1607
Delta R.T. 0.002 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

Tgt Ion:142 Resp: 540779
Ion Ratio Lower Upper
142 100
141 88.2 70.2 105.2
116 4.3 3.4 5.2

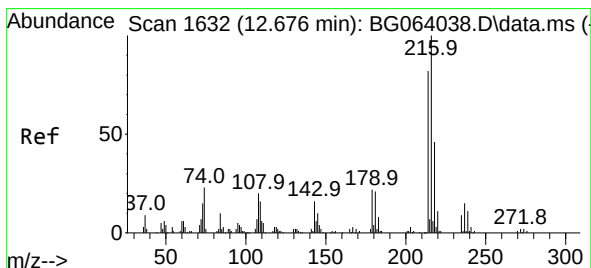
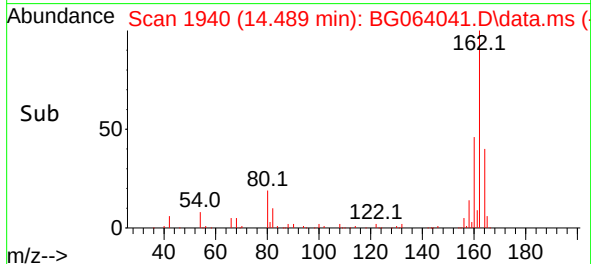
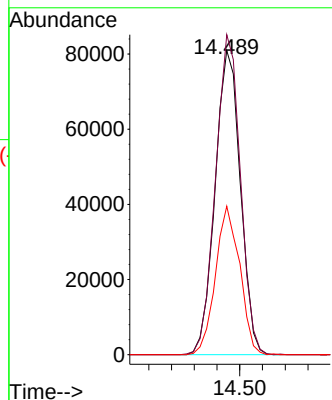
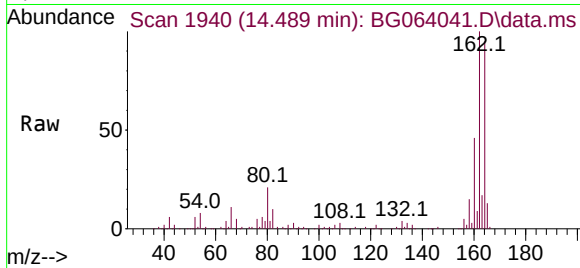




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.489 min Scan# 1940
Delta R.T. 0.002 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

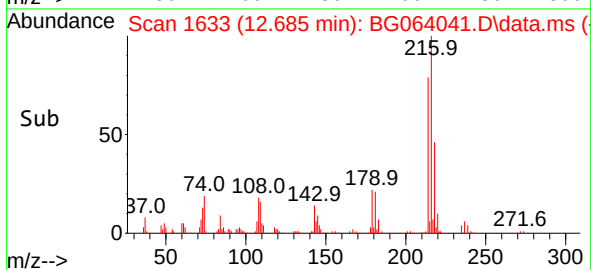
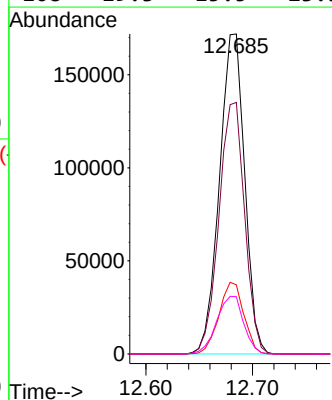
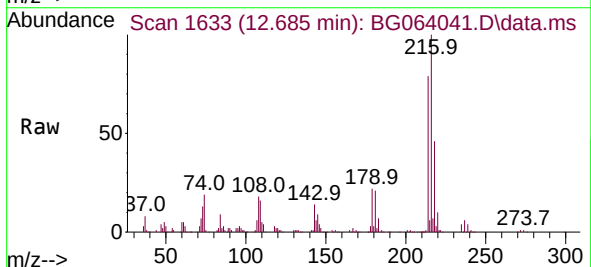
Instrument :
BNA_G
ClientSampleId :

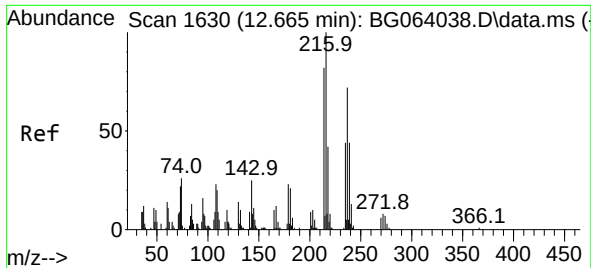
Tgt Ion:164 Resp: 125004
Ion Ratio Lower Upper
164 100
162 105.2 82.7 124.1
160 48.8 37.4 56.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 81.377 ng
RT: 12.685 min Scan# 1633
Delta R.T. 0.008 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

Tgt Ion:216 Resp: 282397
Ion Ratio Lower Upper
216 100
214 80.1 64.9 97.3
179 22.1 17.5 26.3
108 19.3 15.5 23.3

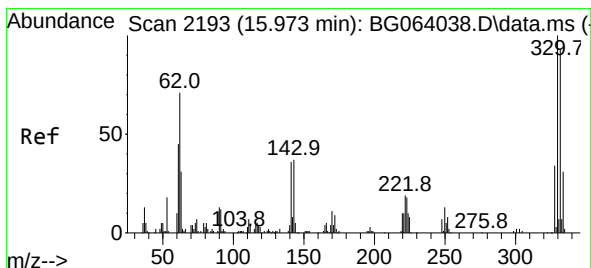
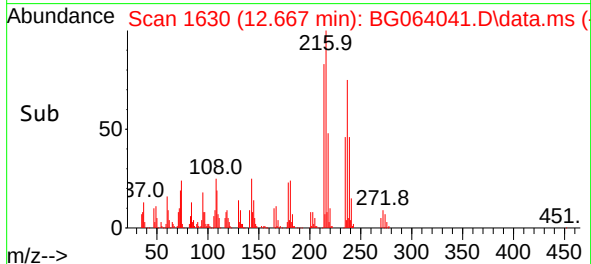
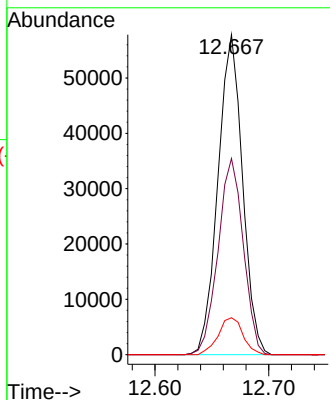
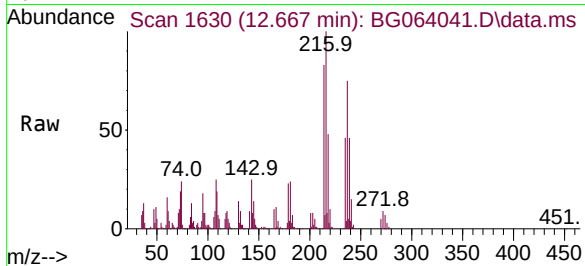




#41
Hexachlorocyclopentadiene
Concen: 93.647 ng
RT: 12.667 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

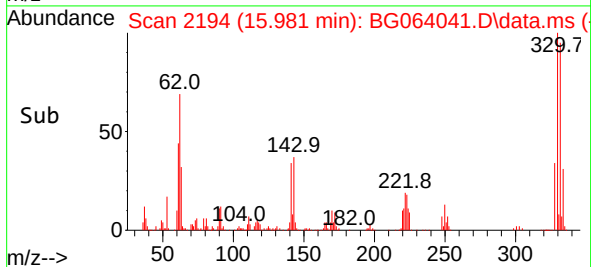
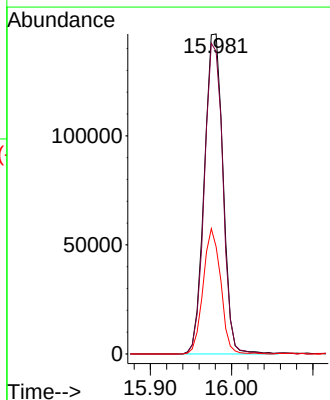
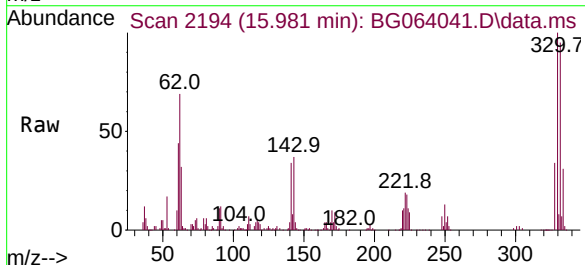
Instrument :
BNA_G
ClientSampleId :

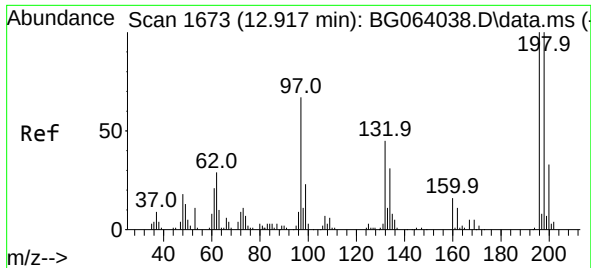
Tgt Ion:237 Resp: 86760
Ion Ratio Lower Upper
237 100
235 61.3 41.2 81.2
272 11.5 0.0 30.6



#42
2,4,6-Tribromophenol
Concen: 163.112 ng
RT: 15.981 min Scan# 2194
Delta R.T. 0.008 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

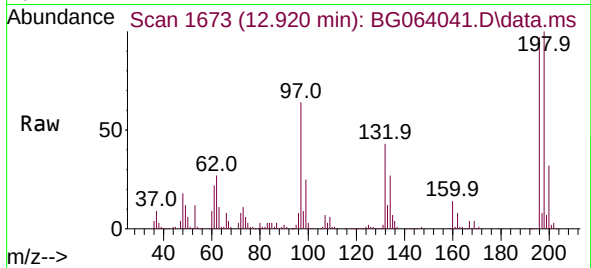
Tgt Ion:330 Resp: 234362
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 36.7 28.9 43.3



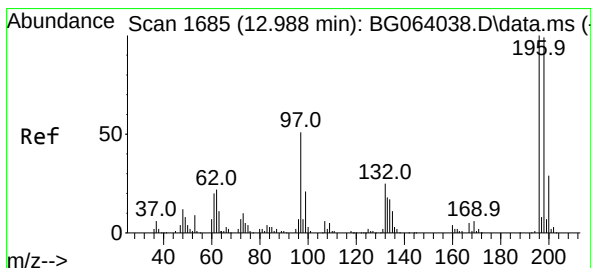
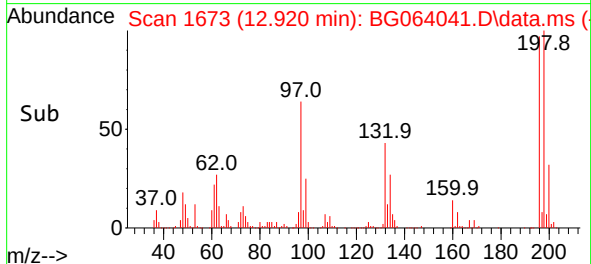
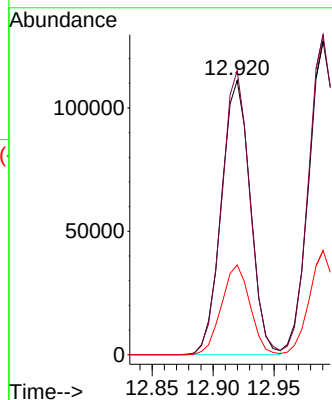


#43
2,4,6-Trichlorophenol
Concen: 81.519 ng
RT: 12.920 min Scan# 1673
Delta R.T. 0.003 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

Instrument :
BNA_G
ClientSampleId :

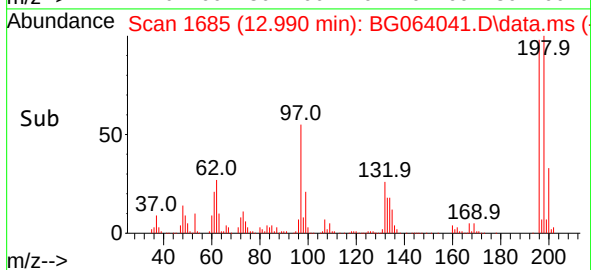
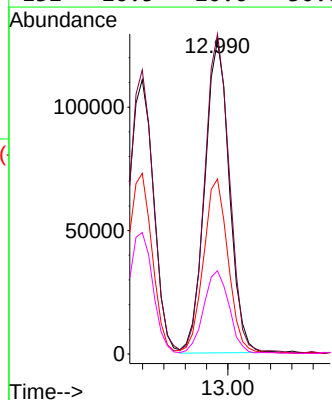
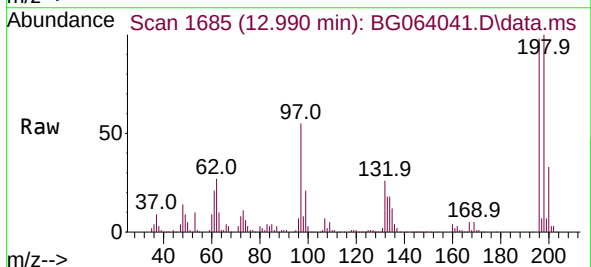


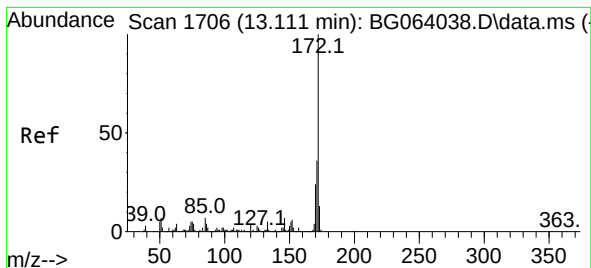
Tgt Ion:196 Resp: 183161
Ion Ratio Lower Upper
196 100
198 103.5 79.9 119.9
200 32.7 26.3 39.5



#44
2,4,5-Trichlorophenol
Concen: 81.216 ng
RT: 12.990 min Scan# 1685
Delta R.T. 0.002 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

Tgt Ion:196 Resp: 202272
Ion Ratio Lower Upper
196 100
198 102.1 78.2 117.4
97 55.8 40.7 61.1
132 26.5 20.6 30.8





#45

2-Fluorobiphenyl

Concen: 156.349 ng

RT: 13.120 min Scan# 1

Delta R.T. 0.008 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

Instrument :

BNA_G

ClientSampleId :

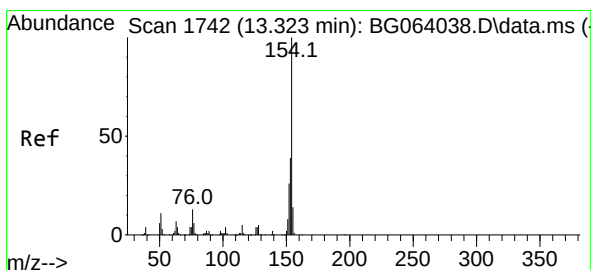
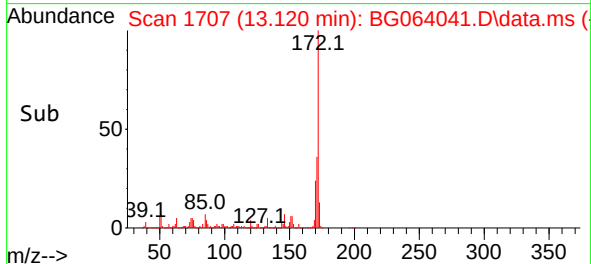
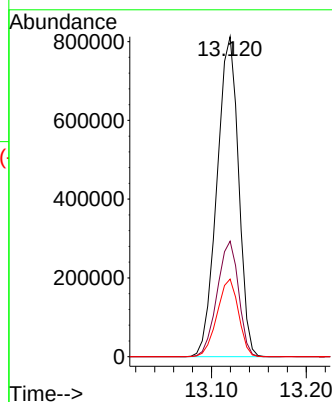
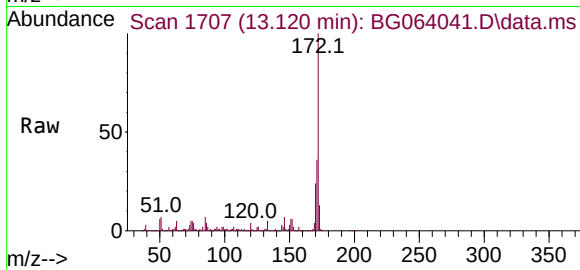
Tgt Ion:172 Resp: 1284615

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.4

170 24.3 19.5 29.3



#46

1,1'-Biphenyl

Concen: 79.619 ng

RT: 13.325 min Scan# 1742

Delta R.T. 0.002 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

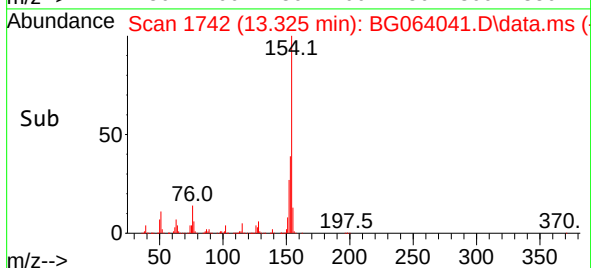
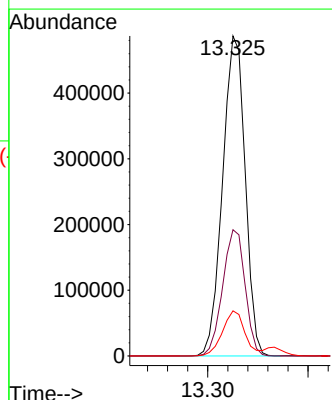
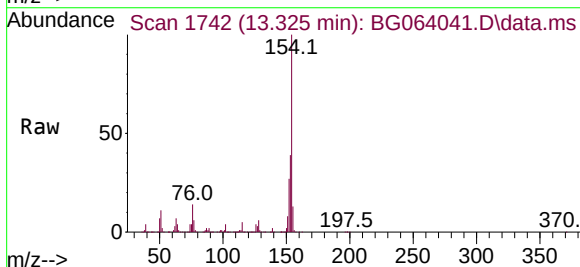
Tgt Ion:154 Resp: 758905

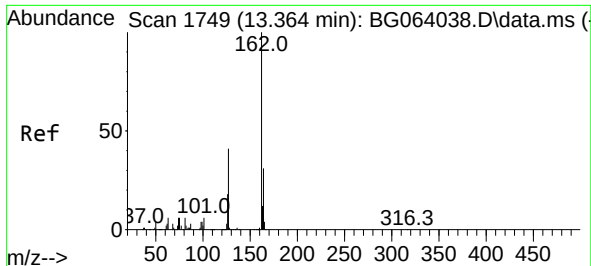
Ion Ratio Lower Upper

154 100

153 39.5 19.0 59.0

76 14.1 0.0 33.2

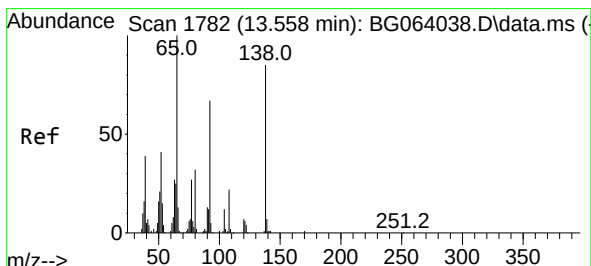
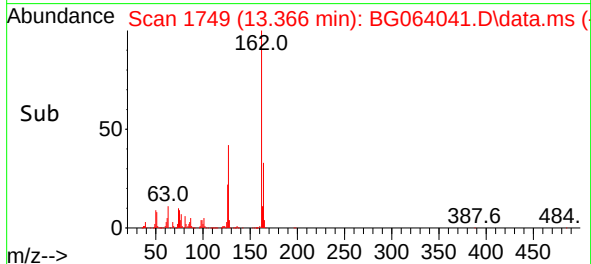
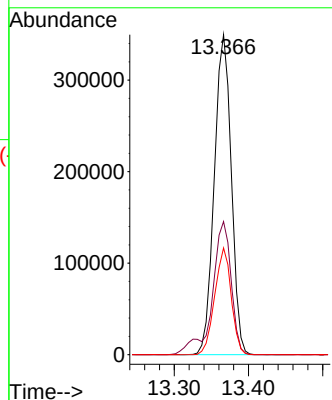
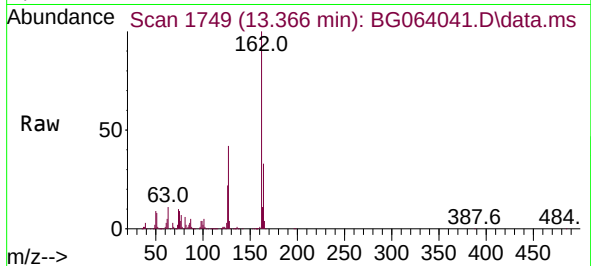




#47
2-Chloronaphthalene
Concen: 81.148 ng
RT: 13.366 min Scan# 1749
Delta R.T. 0.002 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

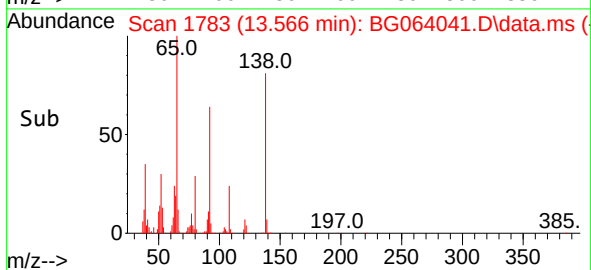
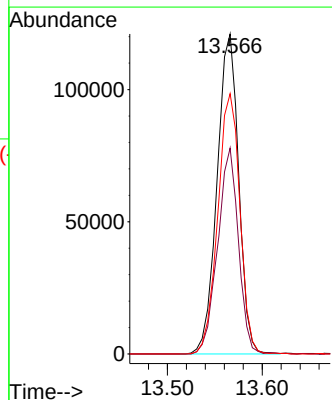
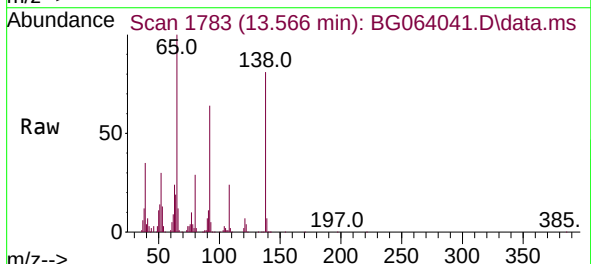
Instrument :
BNA_G
ClientSampleId :

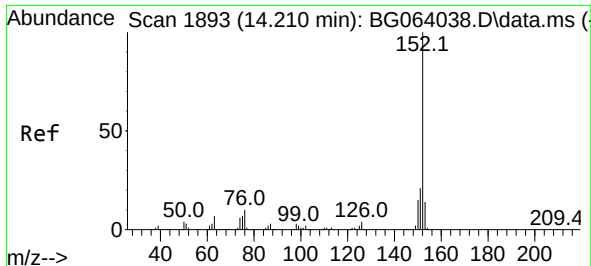
Tgt Ion:162 Resp: 556492
Ion Ratio Lower Upper
162 100
127 41.6 34.5 51.7
164 33.3 25.2 37.8



#48
2-Nitroaniline
Concen: 79.422 ng
RT: 13.566 min Scan# 1783
Delta R.T. 0.008 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

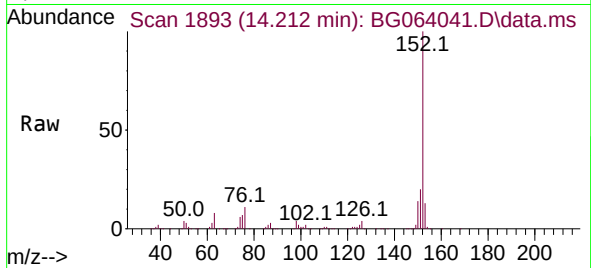
Tgt Ion: 65 Resp: 191270
Ion Ratio Lower Upper
65 100
92 64.4 53.8 80.6
138 81.3 68.0 102.0



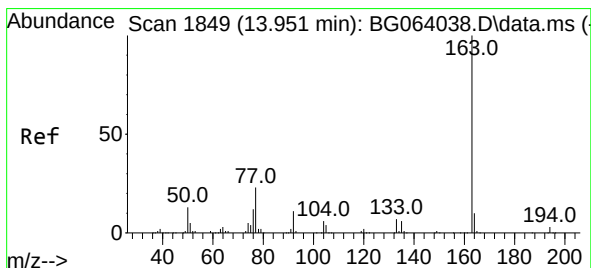
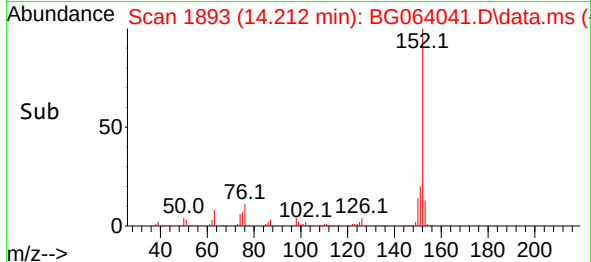
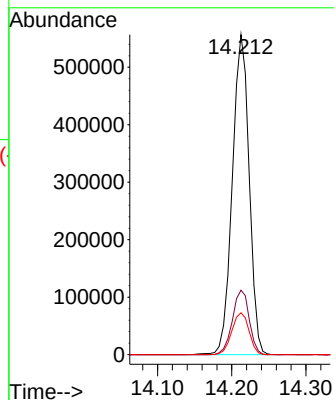


#49
Acenaphthylene
Concen: 80.928 ng
RT: 14.212 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

Instrument :
BNA_G
ClientSampleId :

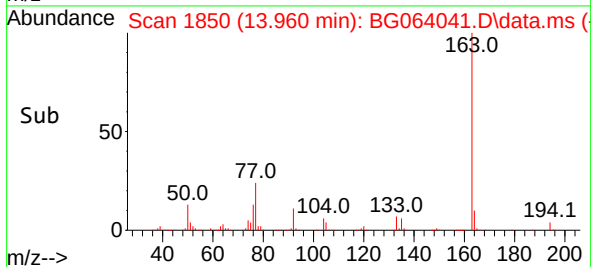
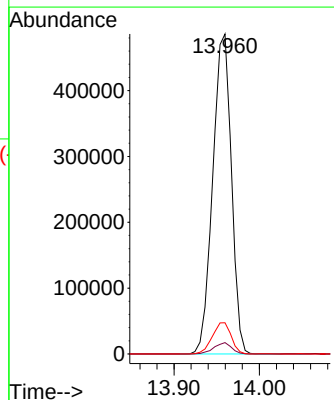
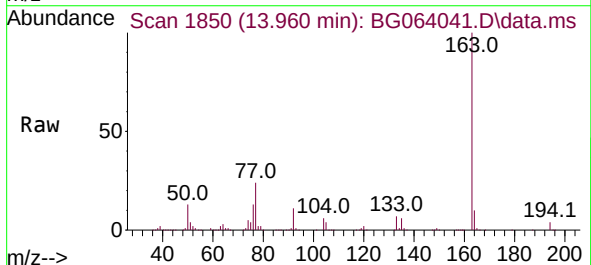


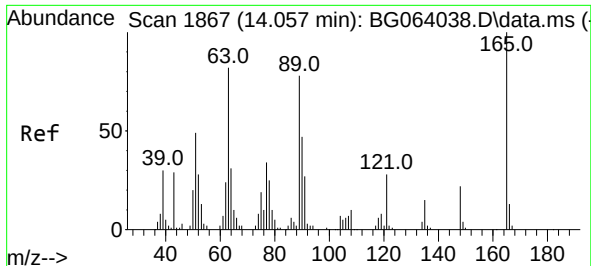
Tgt Ion:152 Resp: 876031
Ion Ratio Lower Upper
152 100
151 20.1 16.6 25.0
153 13.1 11.4 17.0



#50
Dimethylphthalate
Concen: 90.056 ng
RT: 13.960 min Scan# 1850
Delta R.T. 0.008 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

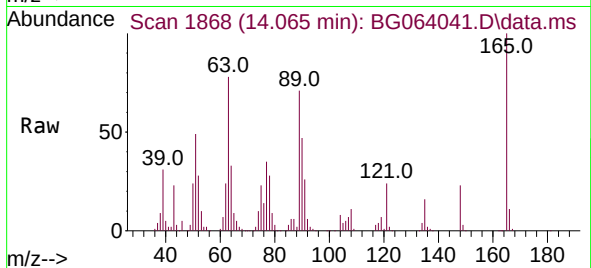
Tgt Ion:163 Resp: 737772
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.8 7.8 11.6



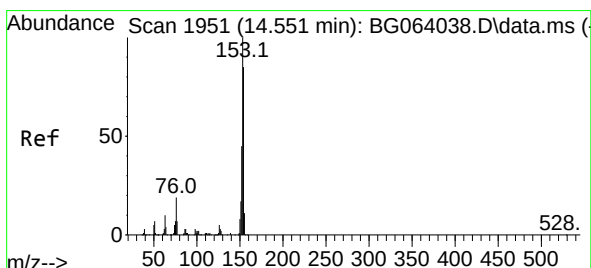
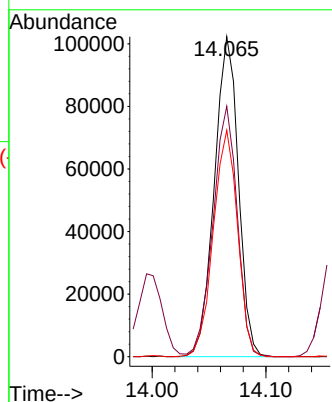
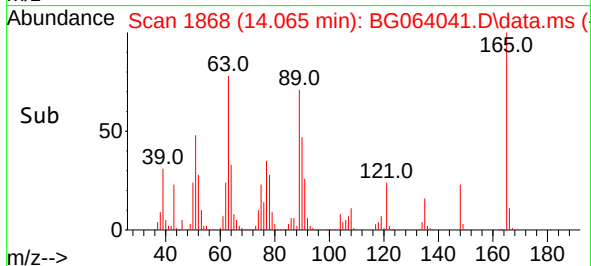


#51
2,6-Dinitrotoluene
Concen: 80.740 ng
RT: 14.065 min Scan# 1868
Delta R.T. 0.008 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

Instrument :
BNA_G
ClientSampleId :

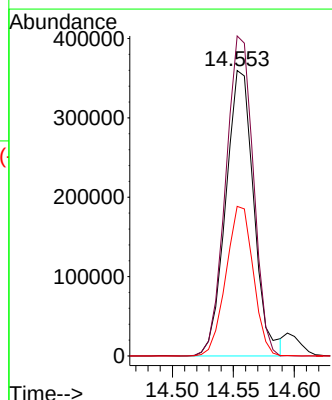
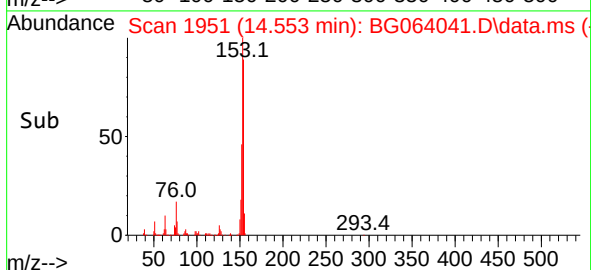
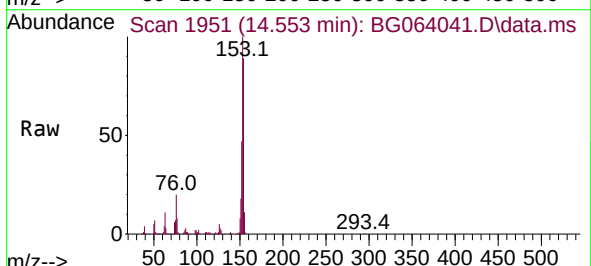


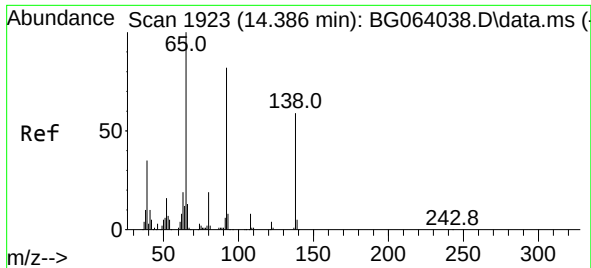
Tgt Ion:165 Resp: 149847
Ion Ratio Lower Upper
165 100
63 78.2 66.7 100.1
89 70.8 62.6 93.8



#52
Acenaphthene
Concen: 77.883 ng
RT: 14.553 min Scan# 1951
Delta R.T. 0.002 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

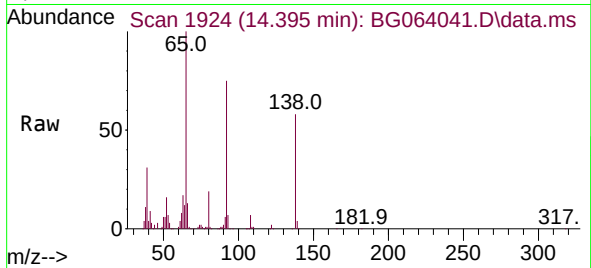
Tgt Ion:154 Resp: 577112
Ion Ratio Lower Upper
154 100
153 112.1 93.7 140.5
152 52.4 42.5 63.7



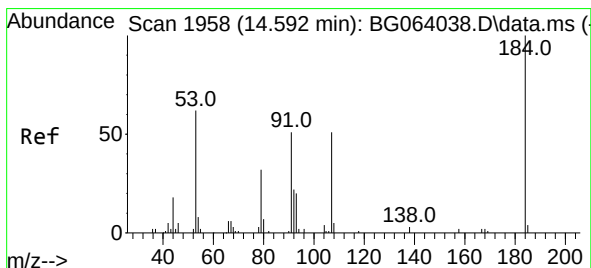
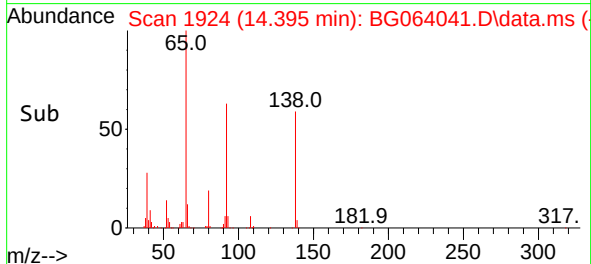
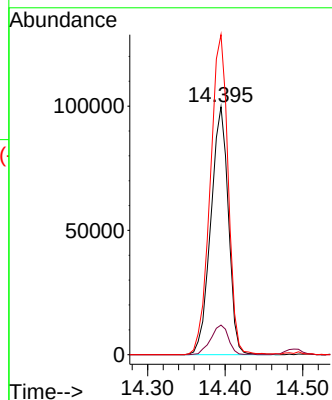


#53
3-Nitroaniline
Concen: 80.336 ng
RT: 14.395 min Scan# 1924
Delta R.T. 0.009 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

Instrument :
BNA_G
ClientSampleId :

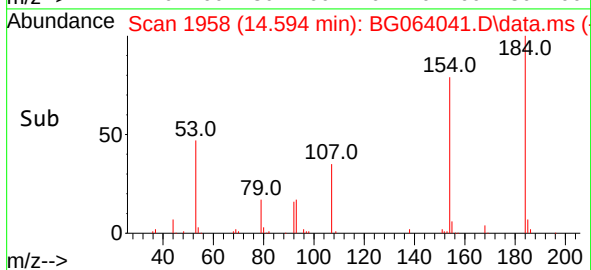
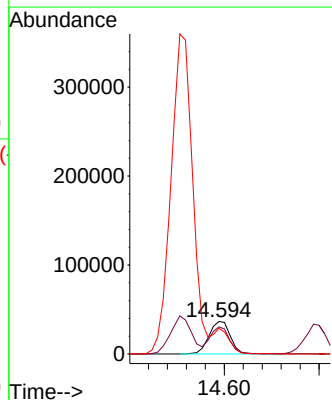
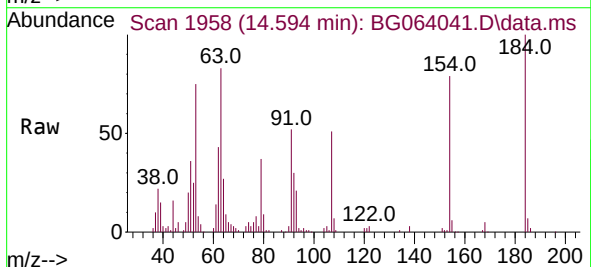


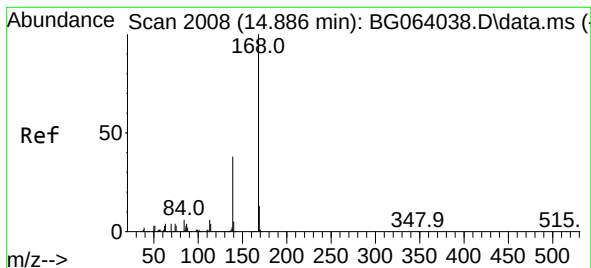
Tgt Ion:138 Resp: 156548
Ion Ratio Lower Upper
138 100
108 11.9 10.7 16.1
92 129.1 110.8 166.2



#54
2,4-Dinitrophenol
Concen: 79.763 ng
RT: 14.594 min Scan# 1958
Delta R.T. 0.002 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

Tgt Ion:184 Resp: 56690
Ion Ratio Lower Upper
184 100
63 83.4 59.5 89.3
154 79.2 55.8 83.8

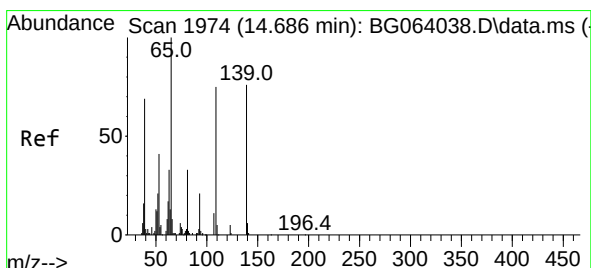
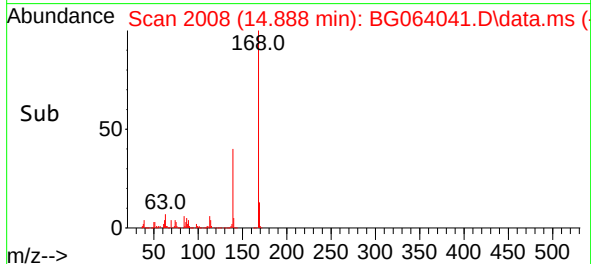
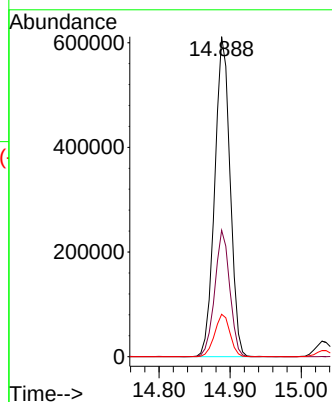
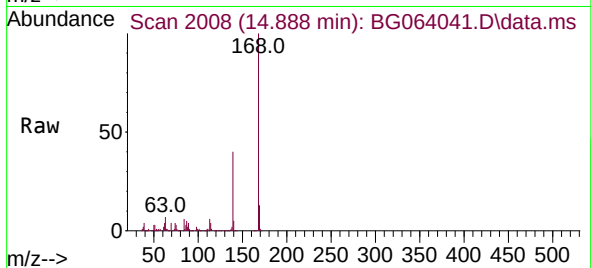




#55
Dibenzenofuran
Concen: 77.406 ng
RT: 14.888 min Scan# 2008
Delta R.T. 0.002 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

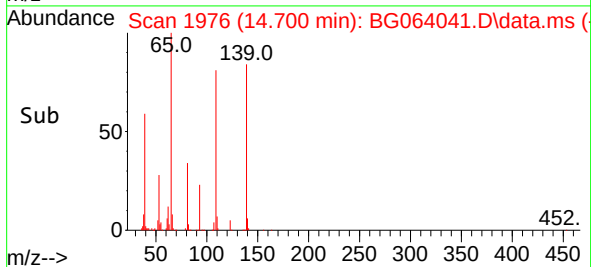
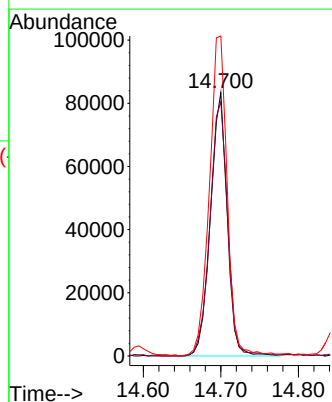
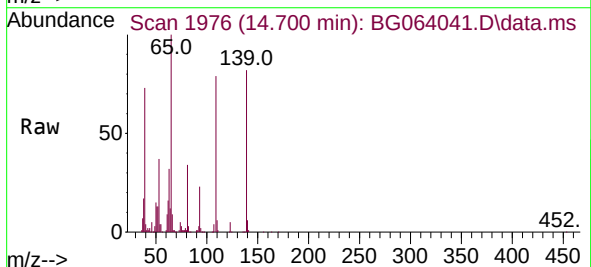
Instrument :
BNA_G
ClientSampleId :

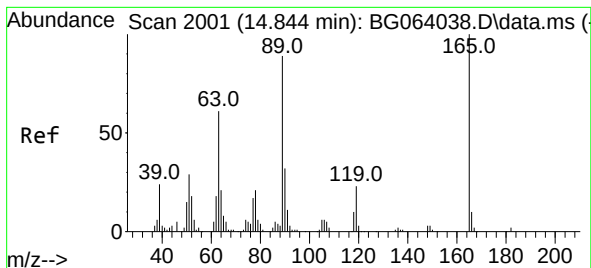
Tgt Ion:168 Resp: 917033
Ion Ratio Lower Upper
168 100
139 39.5 30.6 46.0
169 13.2 10.5 15.7



#56
4-Nitrophenol
Concen: 81.989 ng
RT: 14.700 min Scan# 1976
Delta R.T. 0.014 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

Tgt Ion:139 Resp: 126693
Ion Ratio Lower Upper
139 100
109 96.5 79.1 119.1
65 121.5 112.0 152.0

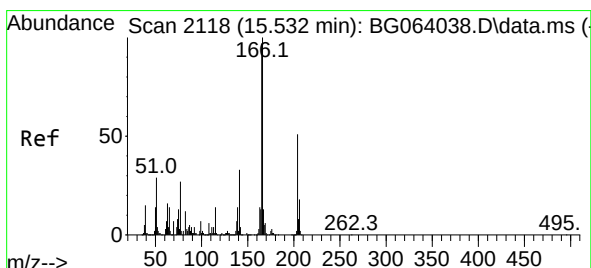
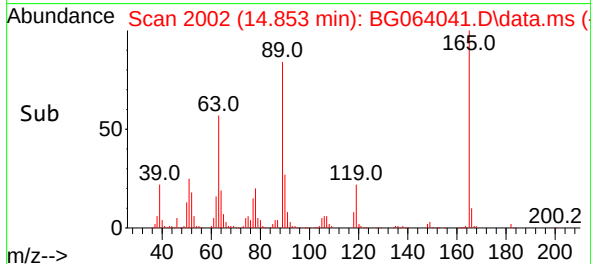
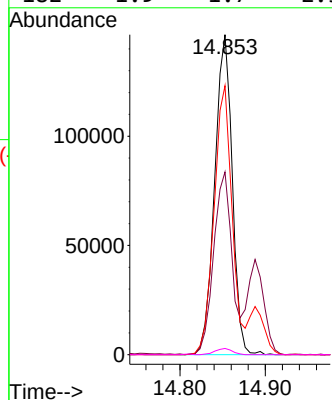
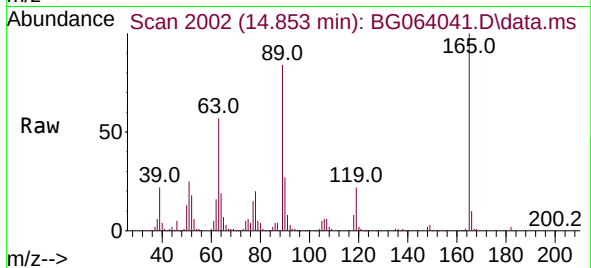




#57
2,4-Dinitrotoluene
Concen: 81.463 ng
RT: 14.853 min Scan# 2001
Delta R.T. 0.009 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

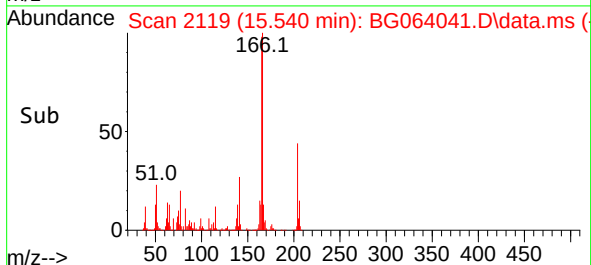
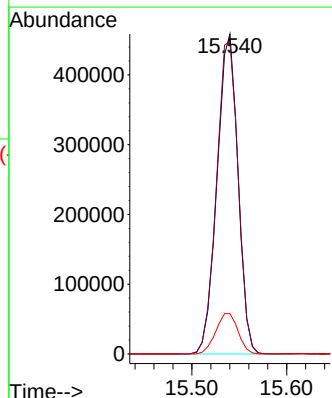
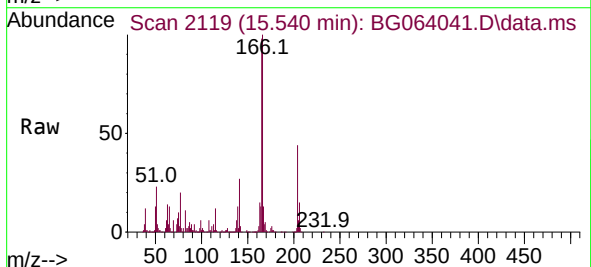
Instrument :
BNA_G
ClientSampleId :

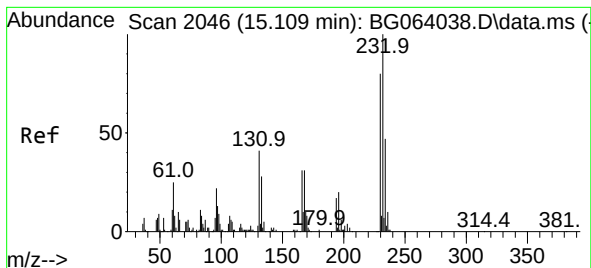
Tgt Ion:165 Resp: 209188
Ion Ratio Lower Upper
165 100
63 57.1 48.4 72.6
89 84.1 71.3 106.9
182 1.9 1.7 2.5



#58
Fluorene
Concen: 76.952 ng
RT: 15.540 min Scan# 2119
Delta R.T. 0.008 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

Tgt Ion:166 Resp: 703089
Ion Ratio Lower Upper
166 100
165 97.7 77.3 115.9
167 12.6 10.5 15.7

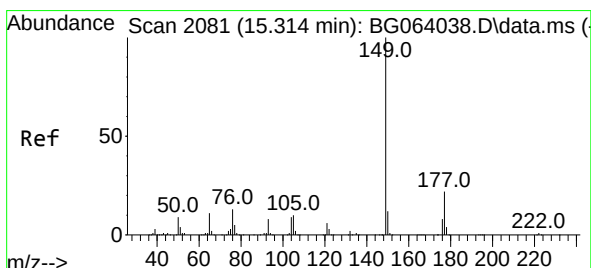
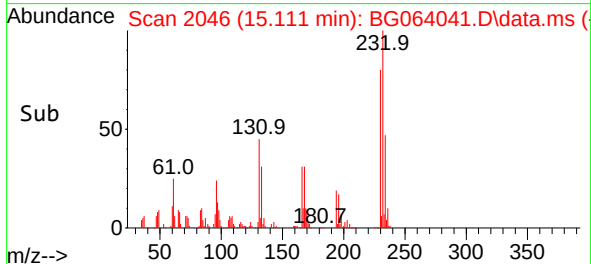
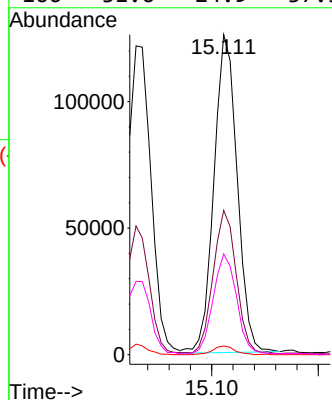
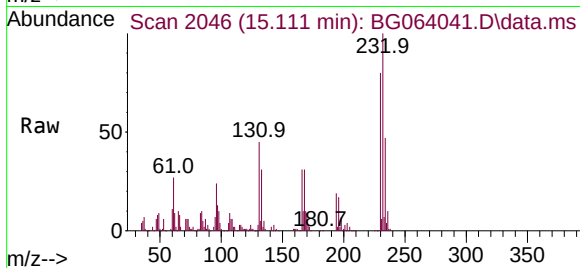




#59
2,3,4,6-Tetrachlorophenol
Concen: 80.796 ng
RT: 15.111 min Scan# 2046
Delta R.T. 0.002 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

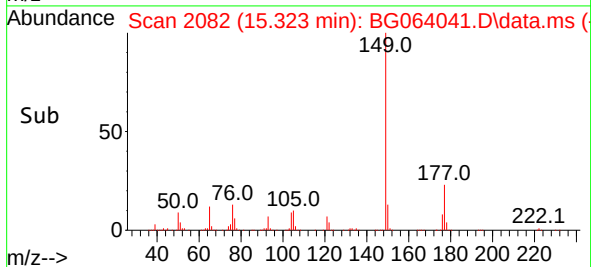
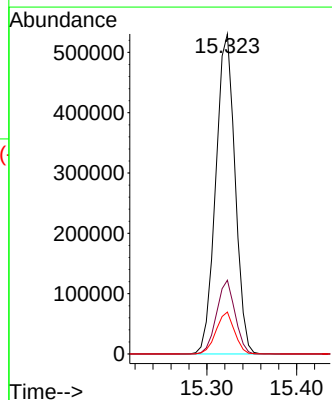
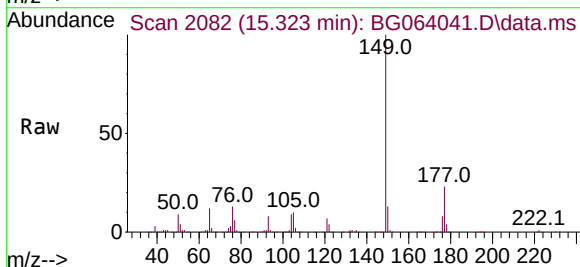
Instrument :
BNA_G
ClientSampleId :

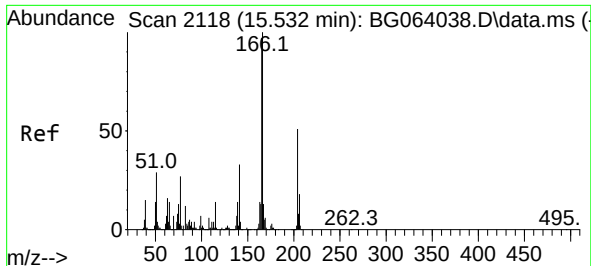
Tgt Ion:232 Resp: 189643
Ion Ratio Lower Upper
232 100
131 45.3 34.6 51.8
130 2.6 2.1 3.1
166 31.6 24.9 37.3



#60
Diethylphthalate
Concen: 91.077 ng
RT: 15.323 min Scan# 2082
Delta R.T. 0.008 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

Tgt Ion:149 Resp: 789331
Ion Ratio Lower Upper
149 100
177 23.0 18.0 27.0
150 13.1 9.8 14.6

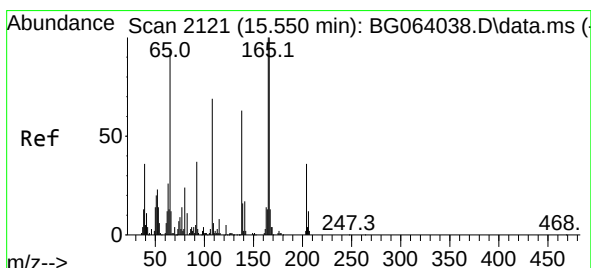
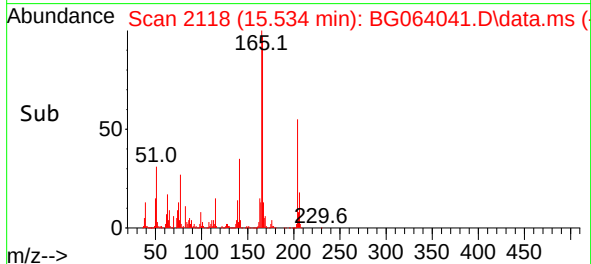
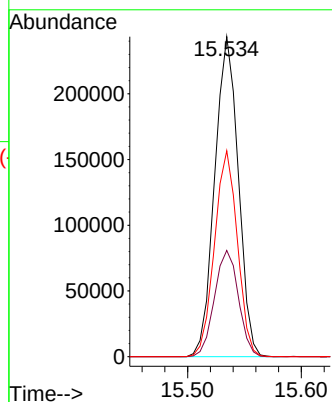
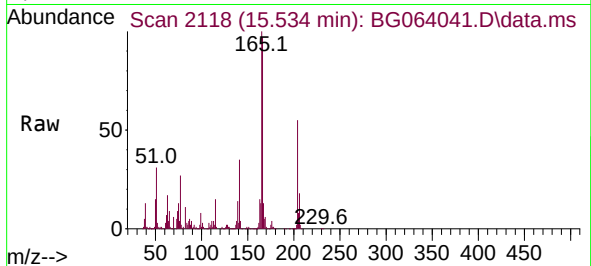




#61
4-Chlorophenyl-phenylether
Concen: 75.931 ng
RT: 15.534 min Scan# 2118
Delta R.T. 0.002 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

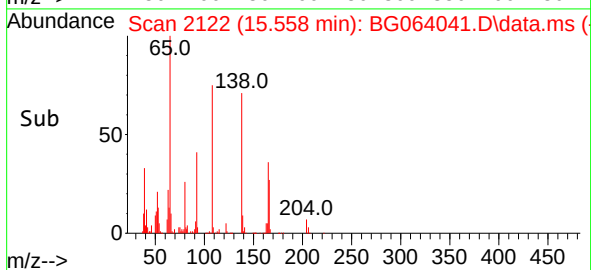
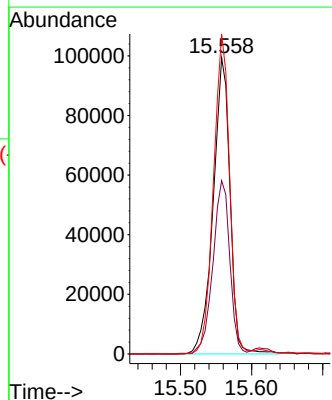
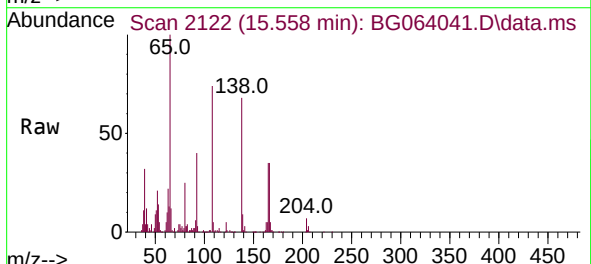
Instrument :
BNA_G
ClientSampleId :

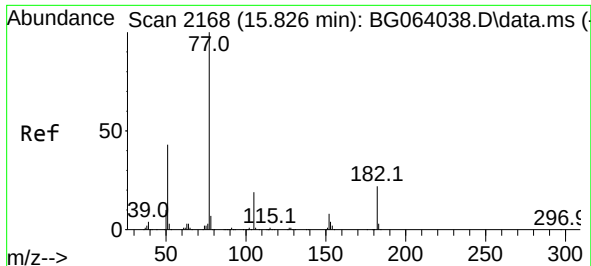
Tgt Ion:204 Resp: 350688
Ion Ratio Lower Upper
204 100
206 33.2 27.8 41.8
141 64.4 52.2 78.2



#62
4-Nitroaniline
Concen: 80.033 ng
RT: 15.558 min Scan# 2122
Delta R.T. 0.008 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

Tgt Ion:138 Resp: 163275
Ion Ratio Lower Upper
138 100
92 58.5 38.8 78.8
108 108.1 89.9 129.9

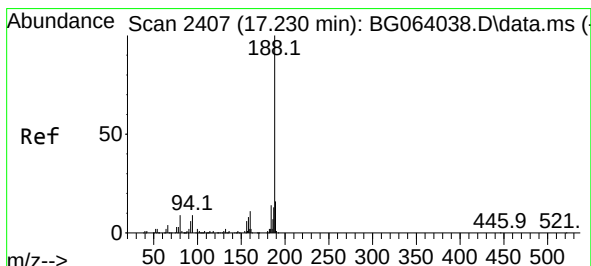
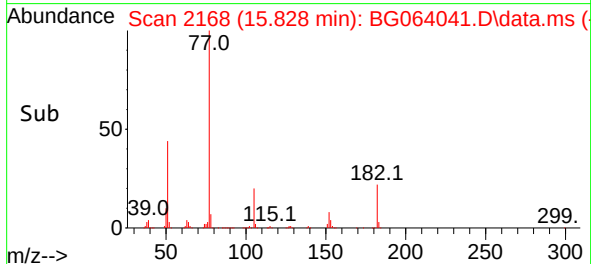
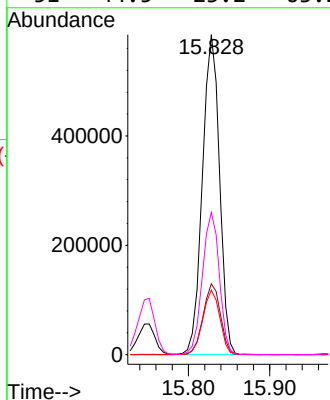
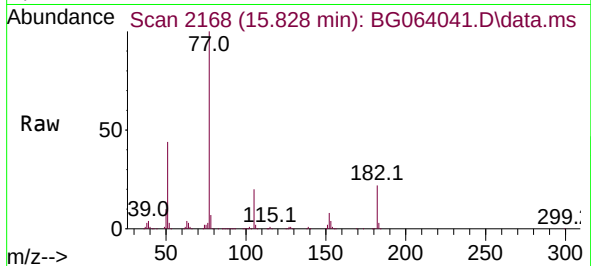




#63
Azobenzene
Concen: 78.724 ng
RT: 15.828 min Scan# 2168
Delta R.T. 0.002 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

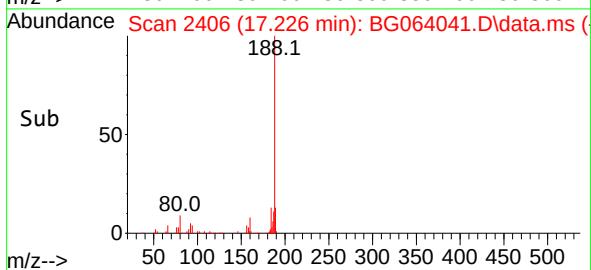
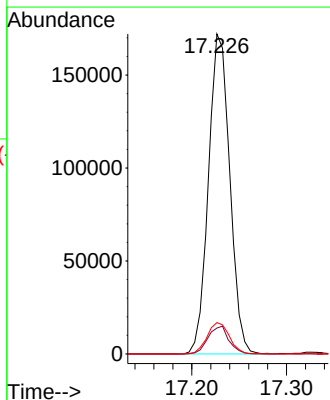
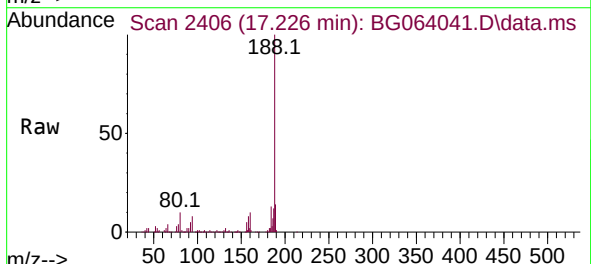
Instrument :
BNA_G
ClientSampleId :

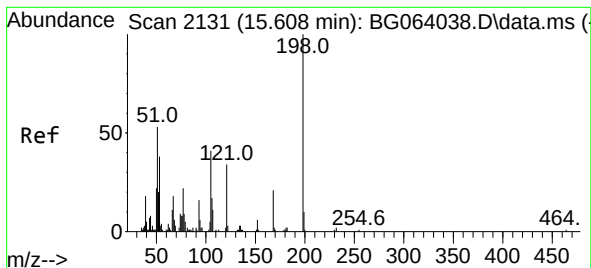
Tgt Ion: 77	Resp: 854256
Ion Ratio	Lower Upper
77 100	
182 22.2	2.1 42.1
105 20.1	0.0 39.1
51 44.5	23.2 63.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.226 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

Tgt Ion:188	Resp: 269038
Ion Ratio	Lower Upper
188 100	
94 8.1	7.0 10.6
80 9.8	7.4 11.2

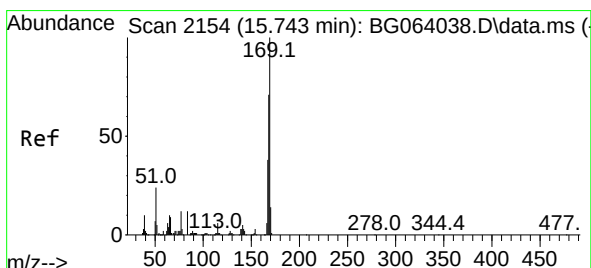
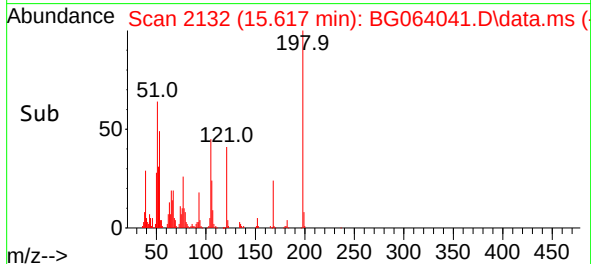
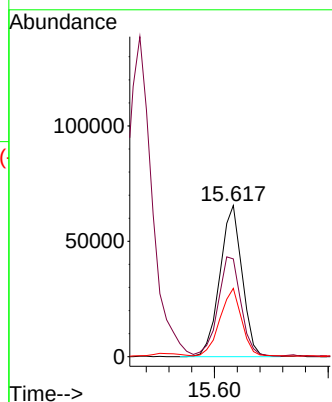
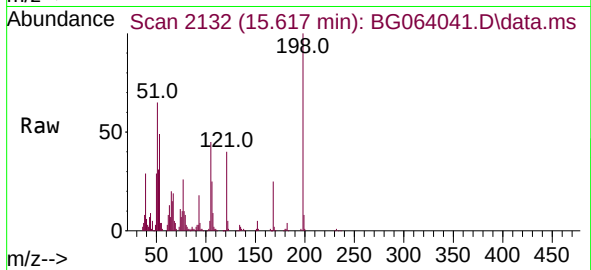




#65
4,6-Dinitro-2-methylphenol
Concen: 79.641 ng
RT: 15.617 min Scan# 2132
Delta R.T. 0.009 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

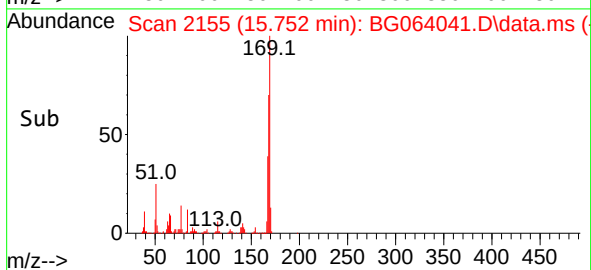
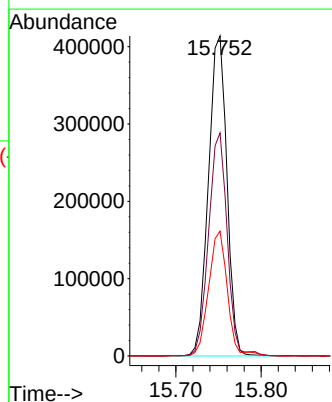
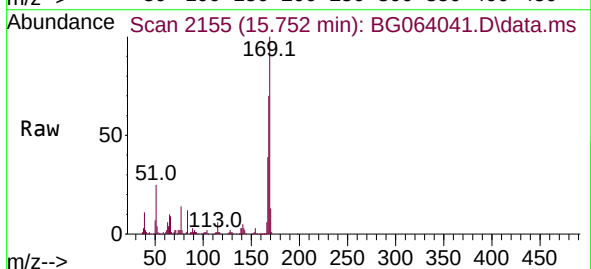
Instrument :
BNA_G
ClientSampleId :

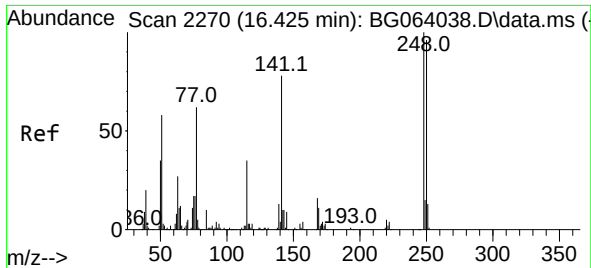
Tgt Ion:198 Resp: 89063
Ion Ratio Lower Upper
198 100
51 64.6 36.6 76.6
105 45.2 22.7 62.7



#66
n-Nitrosodiphenylamine
Concen: 83.376 ng
RT: 15.752 min Scan# 2155
Delta R.T. 0.008 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

Tgt Ion:169 Resp: 622827
Ion Ratio Lower Upper
169 100
168 69.7 56.6 85.0
167 39.0 30.7 46.1

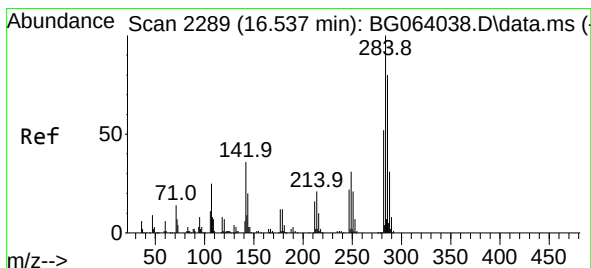
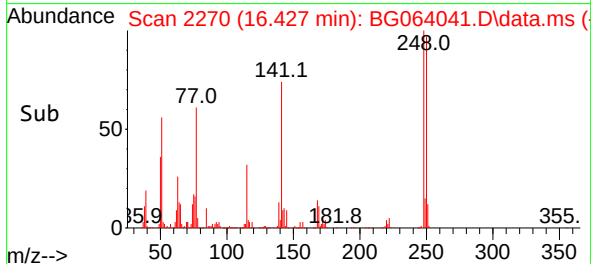
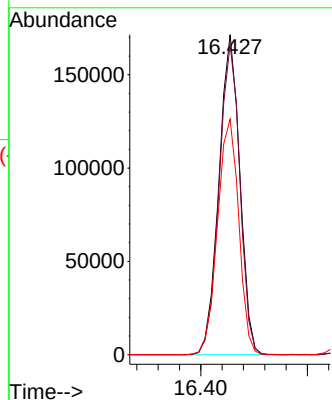
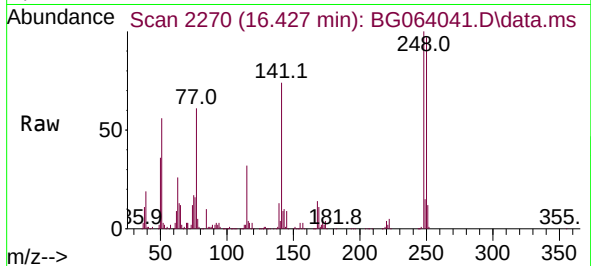




#67
4-Bromophenyl-phenylether
Concen: 84.121 ng
RT: 16.427 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

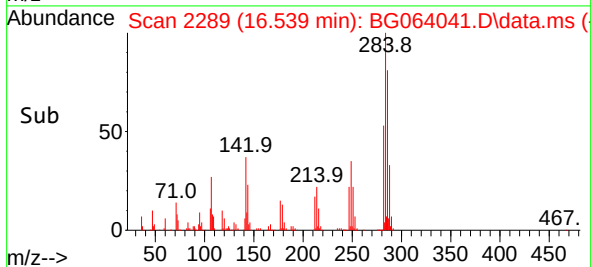
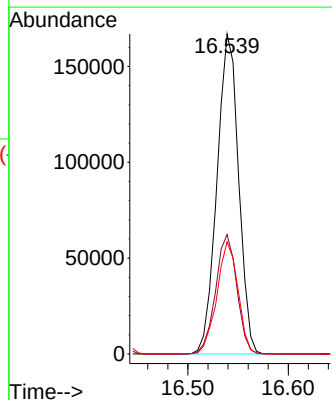
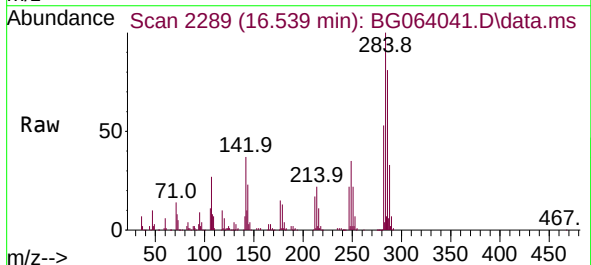
Instrument :
BNA_G
ClientSampleId :

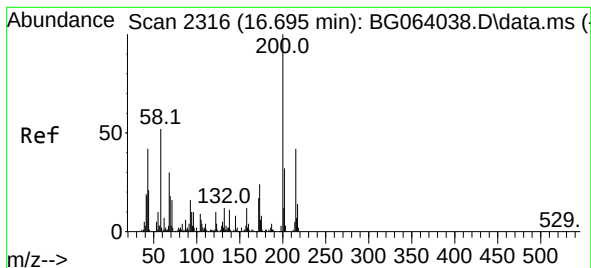
Tgt Ion:248 Resp: 232316
Ion Ratio Lower Upper
248 100
250 96.9 77.2 115.8
141 73.6 62.2 93.2



#68
Hexachlorobenzene
Concen: 81.245 ng
RT: 16.539 min Scan# 2289
Delta R.T. 0.002 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

Tgt Ion:284 Resp: 249875
Ion Ratio Lower Upper
284 100
142 37.3 29.0 43.6
249 35.0 24.6 36.8





#69

Atrazine

Concen: 65.843 ng

RT: 16.698 min Scan# 21

Delta R.T. 0.002 min

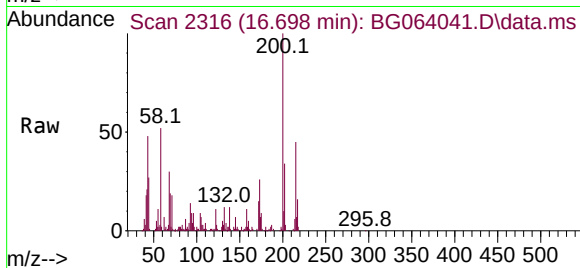
Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

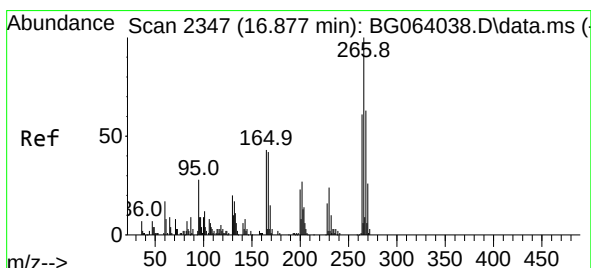
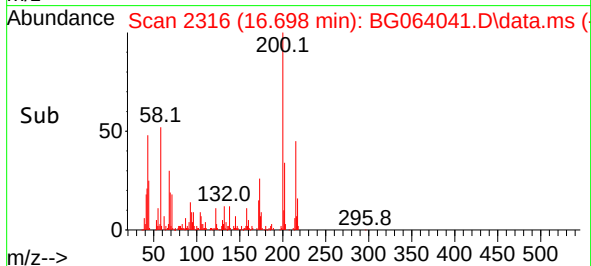
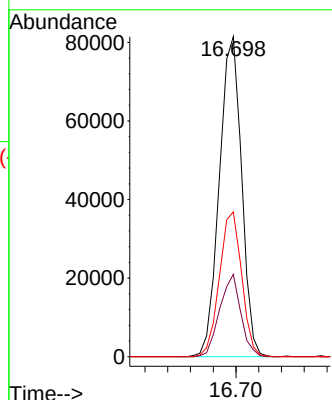
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:	200	Resp:	110686
Ion Ratio	Lower	Upper	
200	100		
173	25.7	3.9	43.9
215	45.2	22.5	62.5



#70

Pentachlorophenol

Concen: 81.912 ng

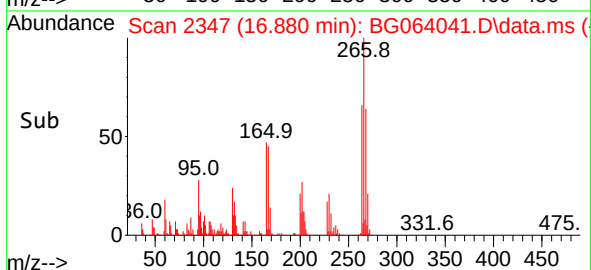
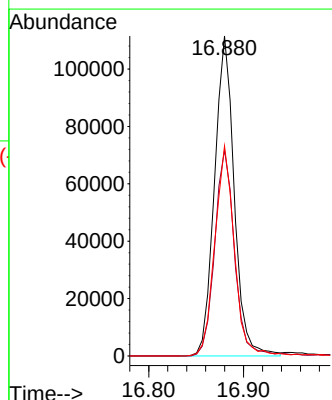
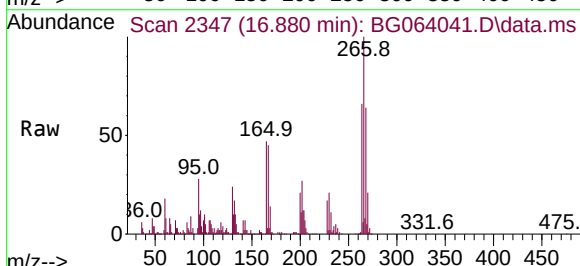
RT: 16.880 min Scan# 2347

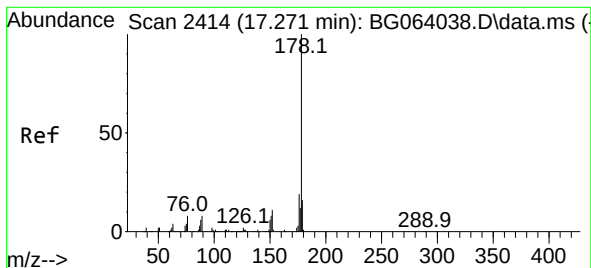
Delta R.T. 0.003 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

Tgt Ion:	266	Resp:	161280
Ion Ratio	Lower	Upper	
266	100		
268	64.3	50.7	76.1
264	65.6	48.8	73.2





#71

Phenanthrene

Concen: 78.588 ng

RT: 17.273 min Scan# 2414

Delta R.T. 0.002 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

Instrument :

BNA_G

ClientSampleId :

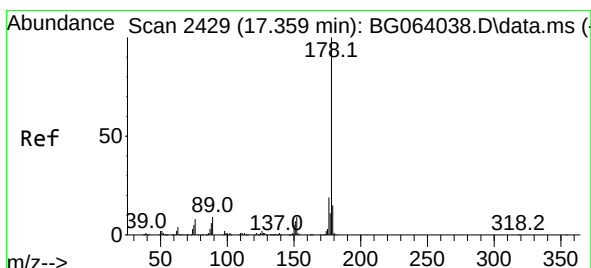
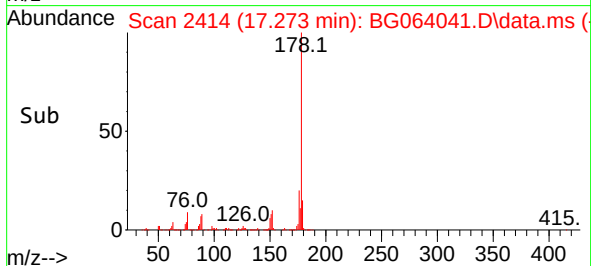
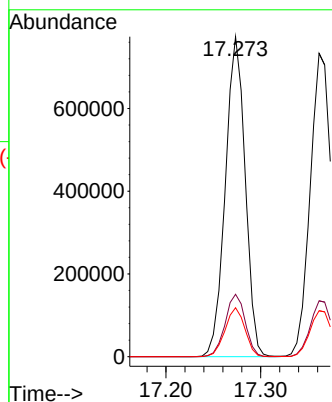
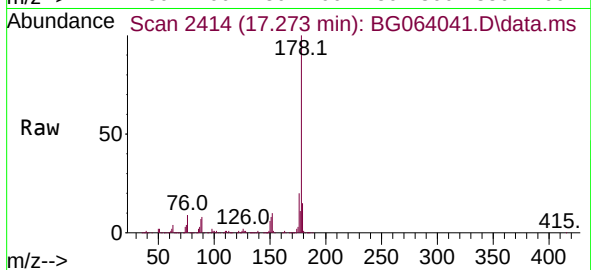
Tgt Ion:178 Resp: 1124982

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 15.3 12.6 19.0



#72

Anthracene

Concen: 80.191 ng

RT: 17.362 min Scan# 2429

Delta R.T. 0.002 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

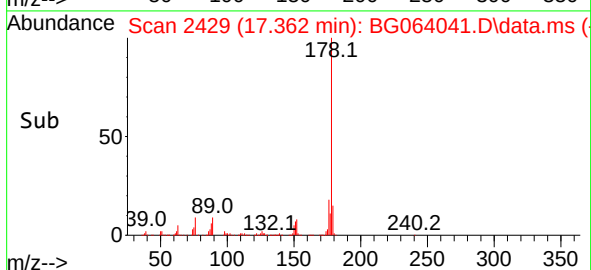
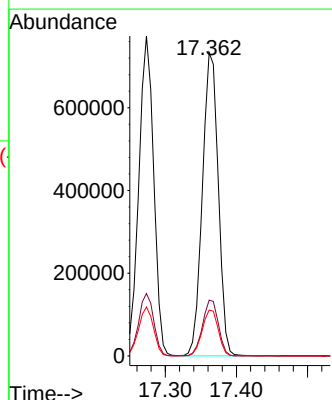
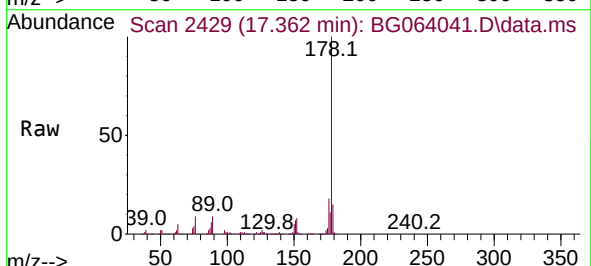
Tgt Ion:178 Resp: 1141086

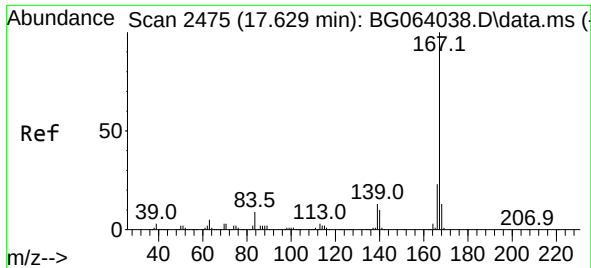
Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.2

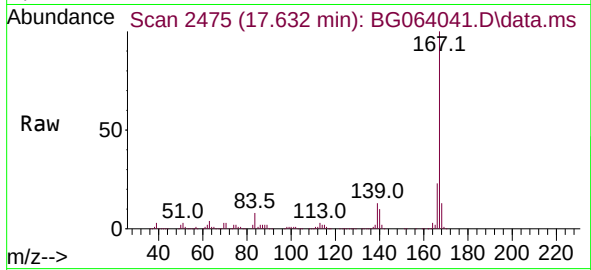
179 15.2 12.1 18.1





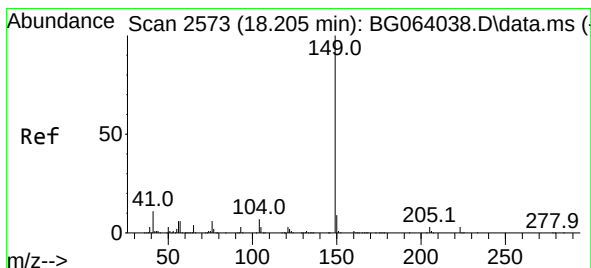
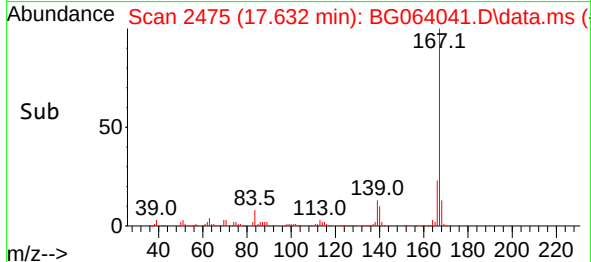
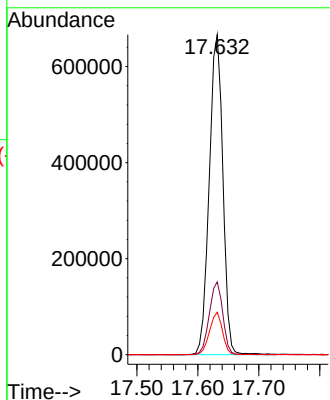
#73
 Carbazole
 Concen: 82.047 ng
 RT: 17.632 min Scan# 2475
 Delta R.T. 0.002 min
 Lab File: BG064041.D
 Acq: 3 Mar 2025 16:59

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:167 Resp: 1037433

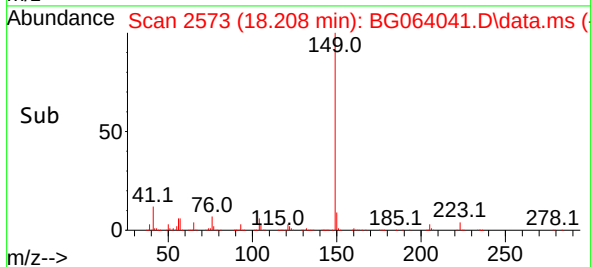
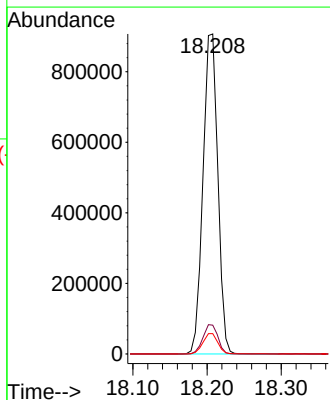
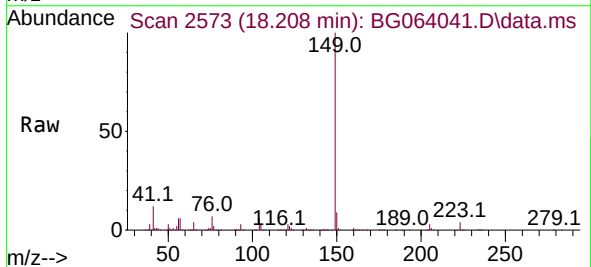
Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.4	27.6
139	13.2	10.4	15.6

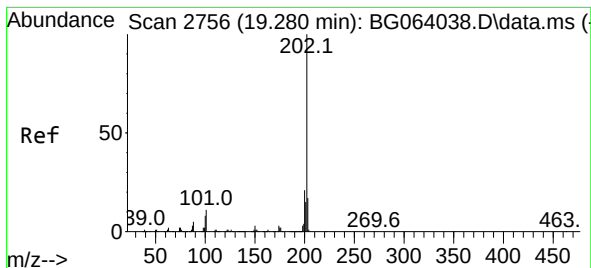


#74
 Di-n-butylphthalate
 Concen: 80.476 ng
 RT: 18.208 min Scan# 2573
 Delta R.T. 0.003 min
 Lab File: BG064041.D
 Acq: 3 Mar 2025 16:59

Tgt Ion:149 Resp: 1260966

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.2	10.8
104	6.4	5.4	8.2





#75

Fluoranthene

Concen: 77.719 ng

RT: 19.283 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

Instrument :

BNA_G

ClientSampleId :

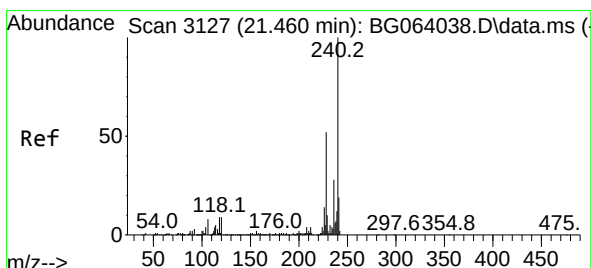
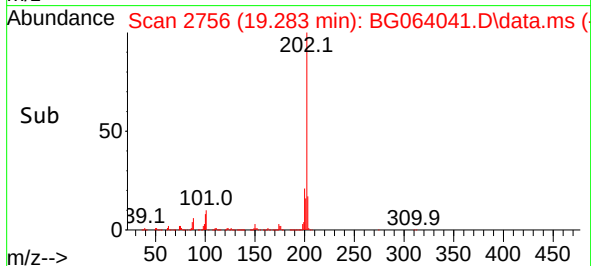
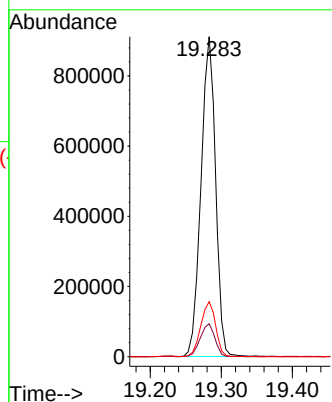
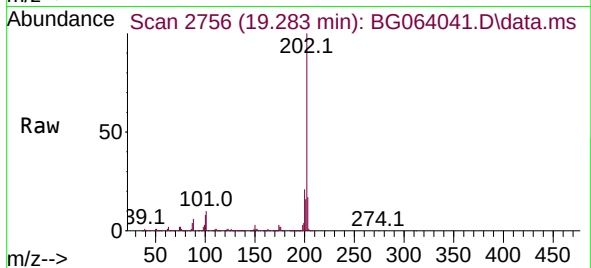
Tgt Ion:202 Resp: 1302923

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.4

203 17.2 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.463 min Scan# 3127

Delta R.T. 0.002 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

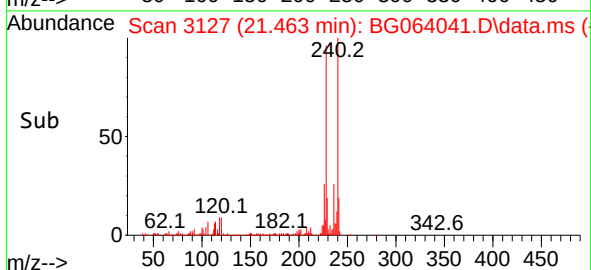
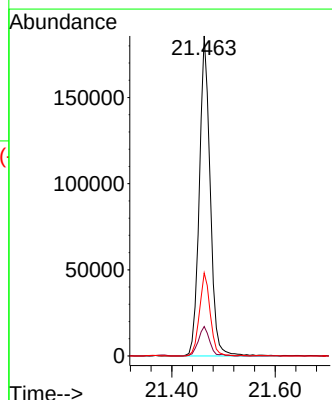
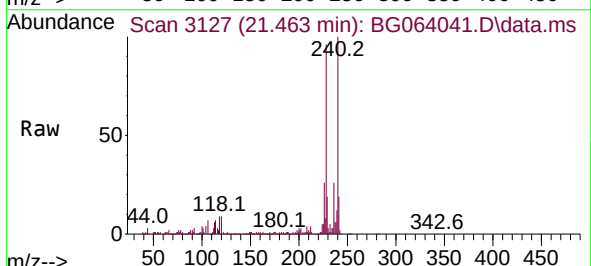
Tgt Ion:240 Resp: 270324

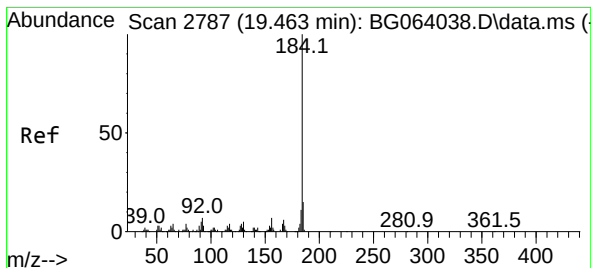
Ion Ratio Lower Upper

240 100

120 9.2 7.4 11.0

236 26.0 22.0 33.0





#77

Benzidine

Concen: 92.702 ng

RT: 19.465 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

Instrument :

BNA_G

ClientSampleId :

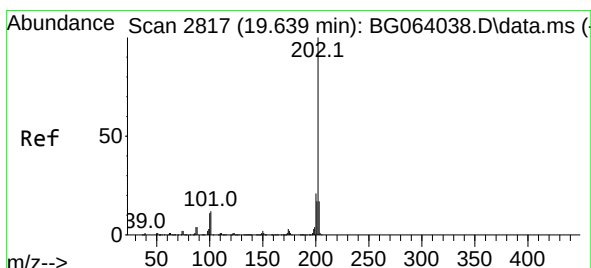
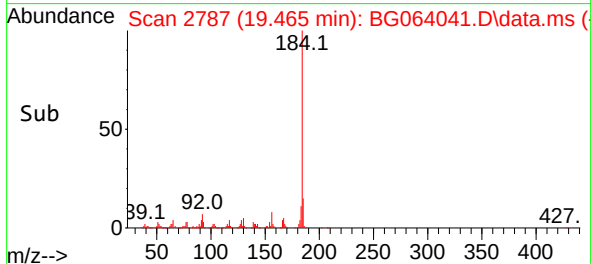
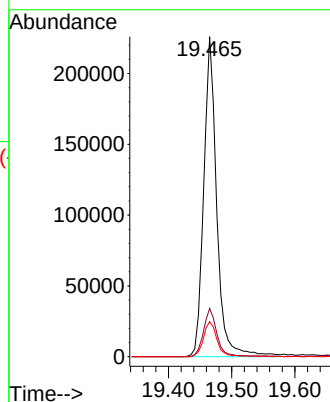
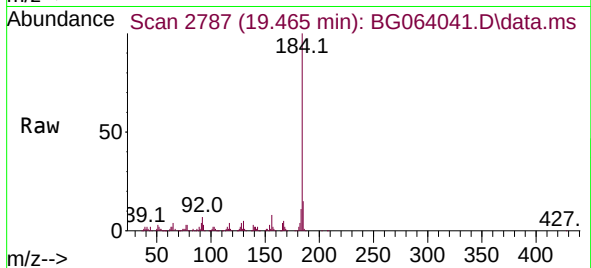
Tgt Ion:184 Resp: 322501

Ion Ratio Lower Upper

184 100

185 15.1 11.8 17.8

183 10.9 8.8 13.2



#78

Pyrene

Concen: 78.557 ng

RT: 19.641 min Scan# 2817

Delta R.T. 0.002 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

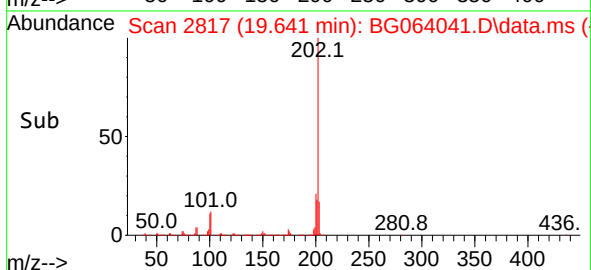
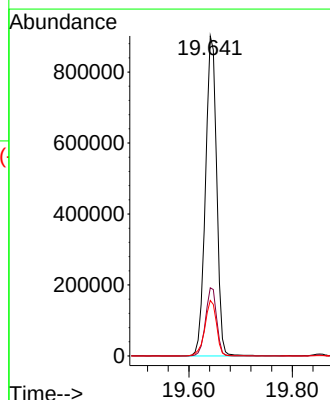
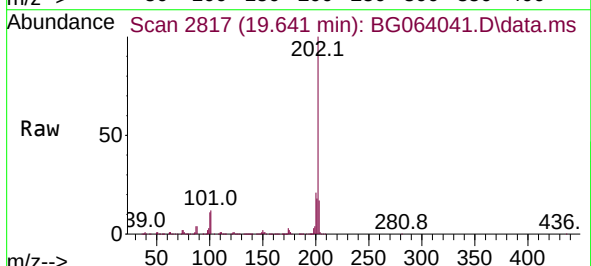
Tgt Ion:202 Resp: 1355024

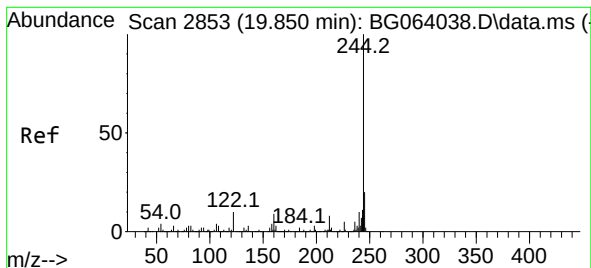
Ion Ratio Lower Upper

202 100

200 21.3 16.6 24.8

203 17.3 13.5 20.3





#79

Terphenyl-d14

Concen: 148.379 ng

RT: 19.853 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

Instrument :

BNA_G

ClientSampleId :

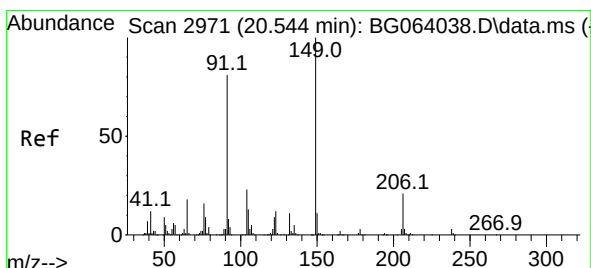
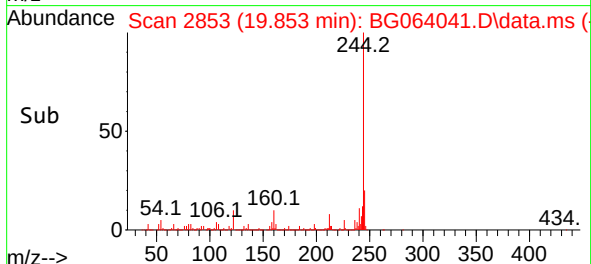
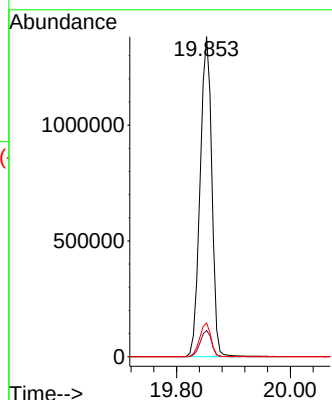
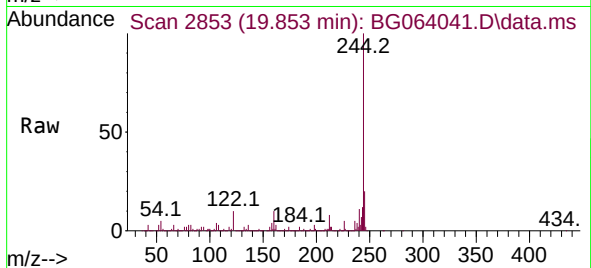
Tgt Ion:244 Resp: 1976142

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

122 10.5 8.0 12.0



#80

Butylbenzylphthalate

Concen: 95.054 ng

RT: 20.546 min Scan# 2971

Delta R.T. 0.002 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

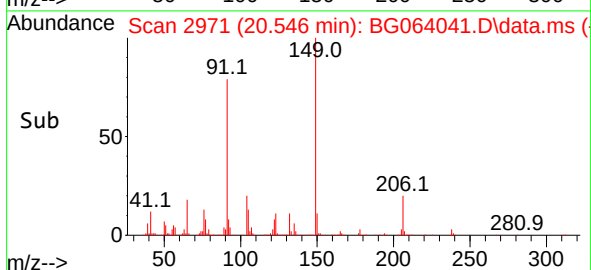
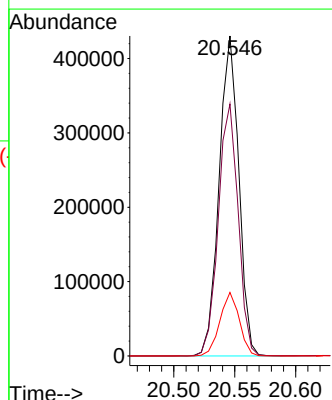
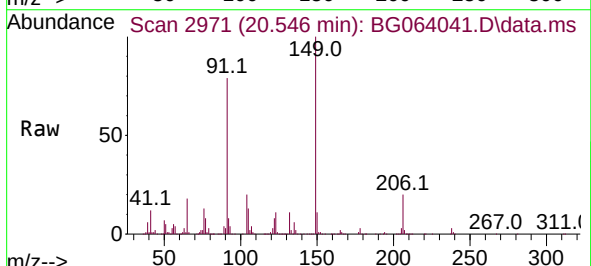
Tgt Ion:149 Resp: 483117

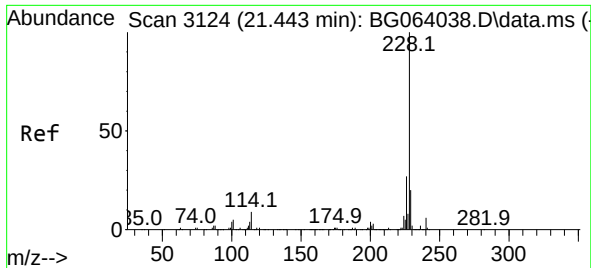
Ion Ratio Lower Upper

149 100

91 78.7 65.0 97.4

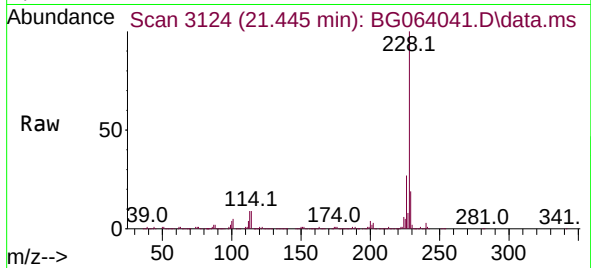
206 19.9 16.7 25.1



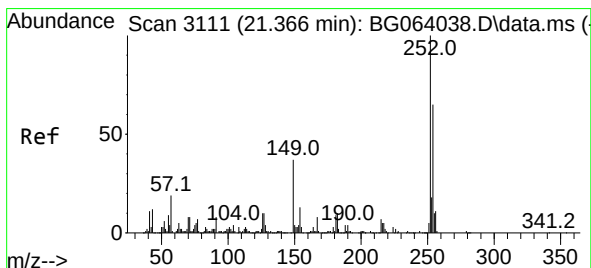
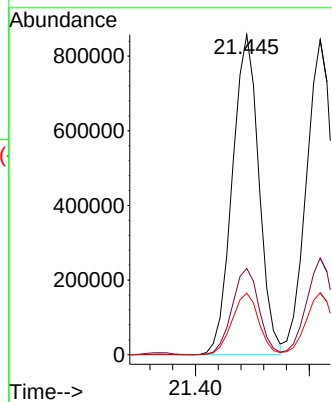
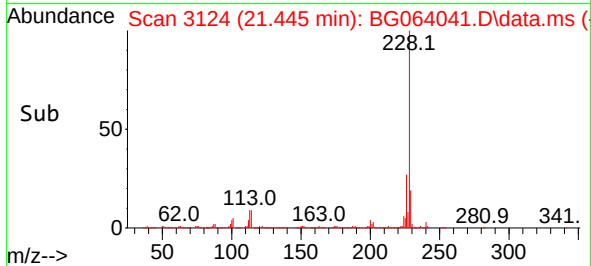


#81
Benzo(a)anthracene
Concen: 80.794 ng
RT: 21.445 min Scan# 3124
Delta R.T. 0.002 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

Instrument :
BNA_G
ClientSampleId :

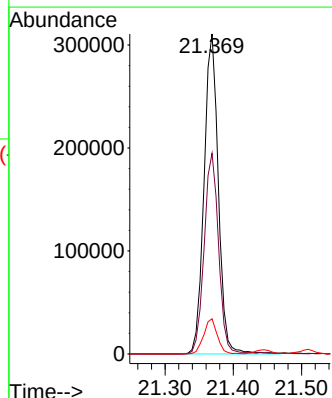
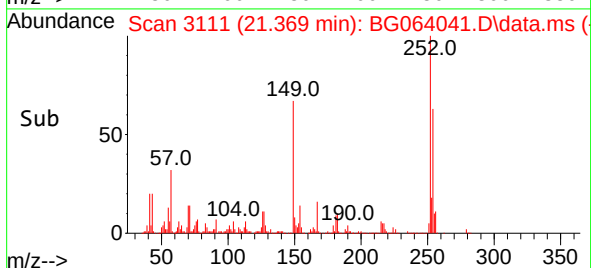
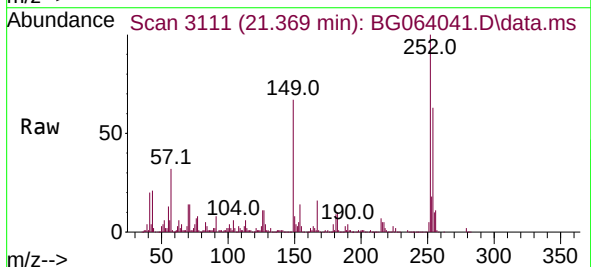


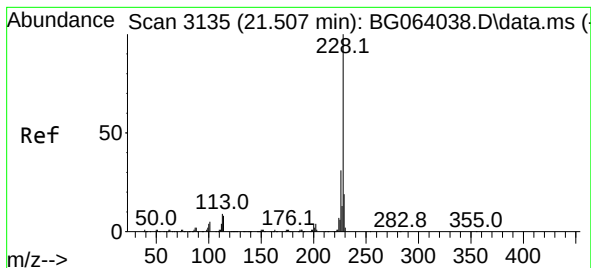
Tgt Ion:228 Resp: 1391945
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.3 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 91.201 ng
RT: 21.369 min Scan# 3111
Delta R.T. 0.002 min
Lab File: BG064041.D
Acq: 3 Mar 2025 16:59

Tgt Ion:252 Resp: 452610
Ion Ratio Lower Upper
252 100
254 62.7 52.1 78.1
126 11.0 7.8 11.6





#83

Chrysene

Concen: 79.943 ng

RT: 21.510 min Scan# 3135

Delta R.T. 0.002 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

Instrument :

BNA_G

ClientSampleId :

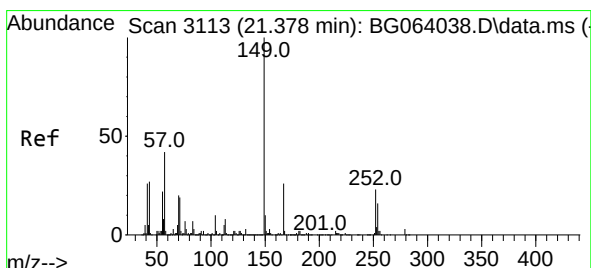
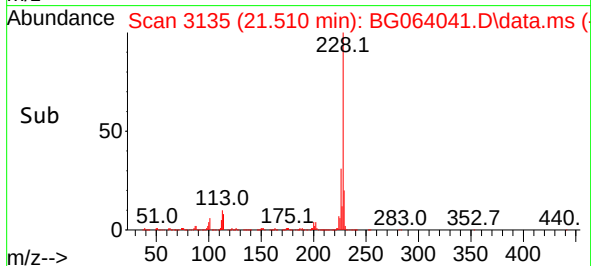
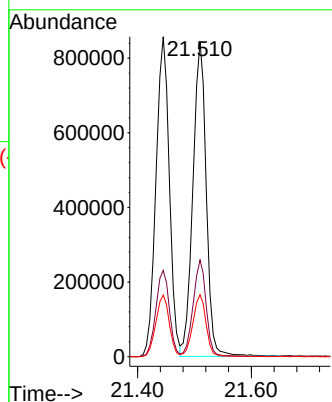
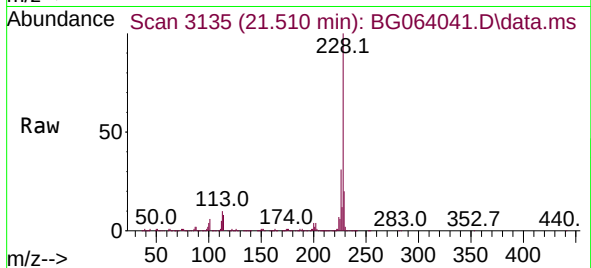
Tgt Ion:228 Resp: 1379608

Ion Ratio Lower Upper

228 100

226 30.7 24.6 37.0

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 79.483 ng

RT: 21.380 min Scan# 3113

Delta R.T. 0.002 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

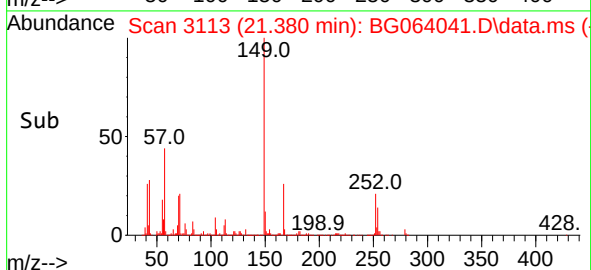
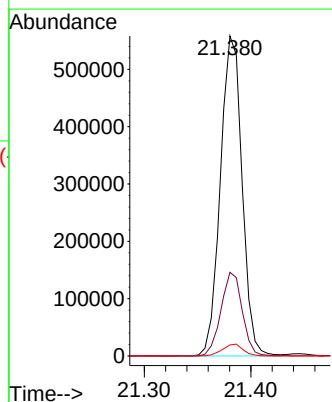
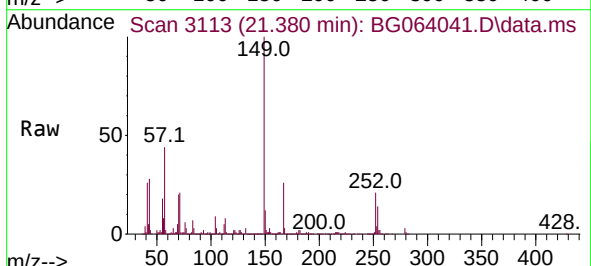
Tgt Ion:149 Resp: 787058

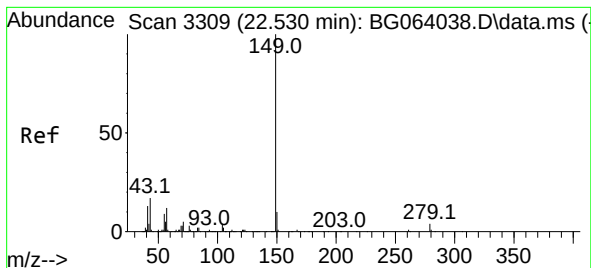
Ion Ratio Lower Upper

149 100

167 26.1 20.4 30.6

279 3.5 2.3 3.5





#85

Di-n-octyl phthalate

Concen: 79.656 ng

RT: 22.532 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

Instrument :

BNA_G

ClientSampleId :

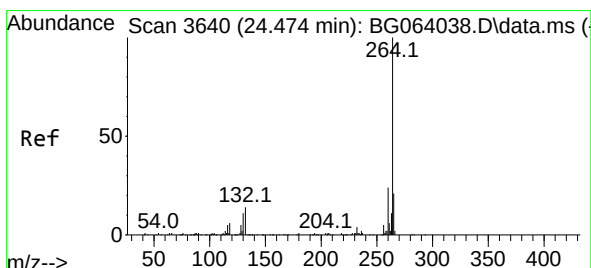
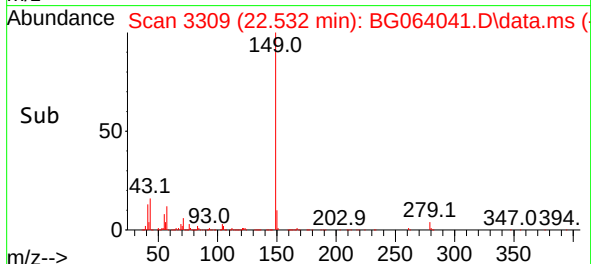
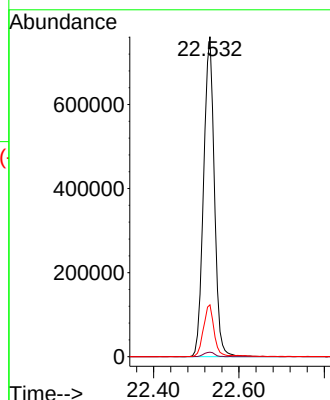
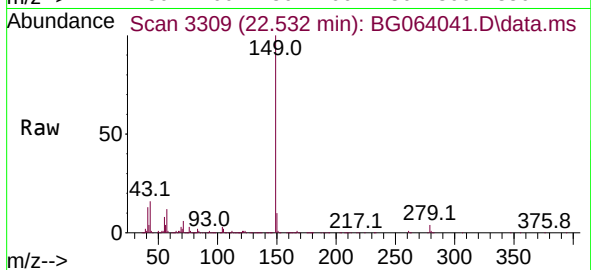
Tgt Ion:149 Resp: 1329974

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 16.0 14.1 21.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.477 min Scan# 3640

Delta R.T. 0.002 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

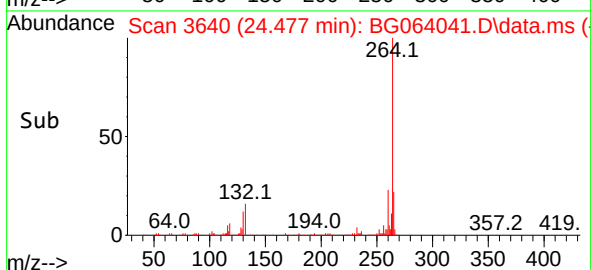
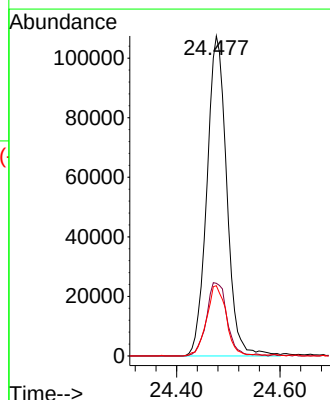
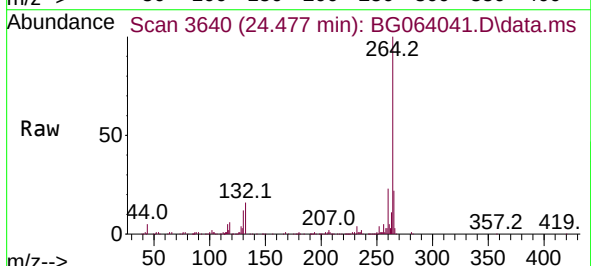
Tgt Ion:264 Resp: 286150

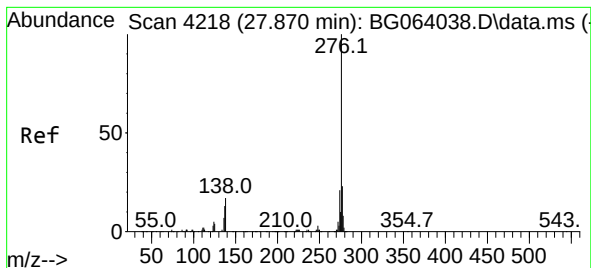
Ion Ratio Lower Upper

264 100

260 22.7 18.8 28.2

265 21.9 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 83.513 ng

RT: 27.896 min Scan# 41

Delta R.T. 0.026 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

Instrument :

BNA_G

ClientSampleId :

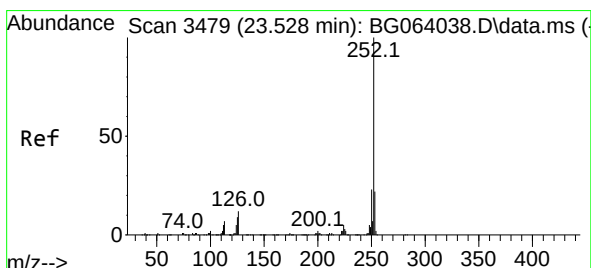
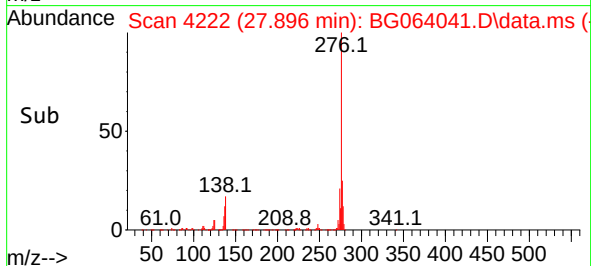
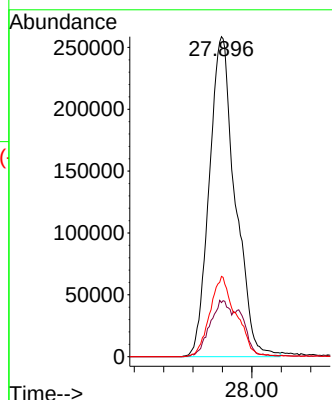
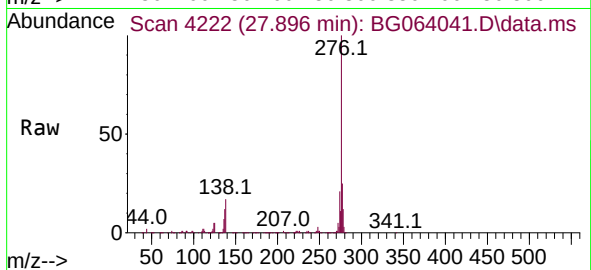
Tgt Ion:276 Resp: 1588326

Ion Ratio Lower Upper

276 100

138 13.6 9.8 14.8

277 25.2 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 82.918 ng

RT: 23.537 min Scan# 3480

Delta R.T. 0.008 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

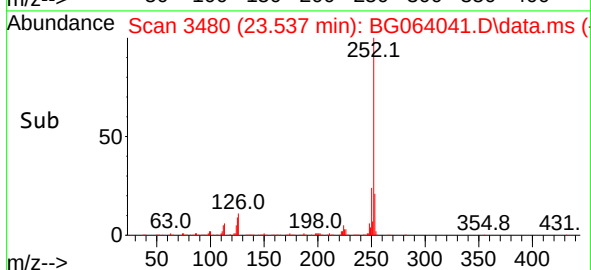
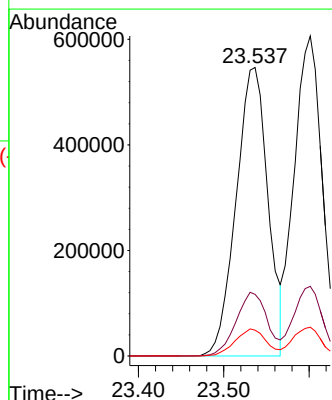
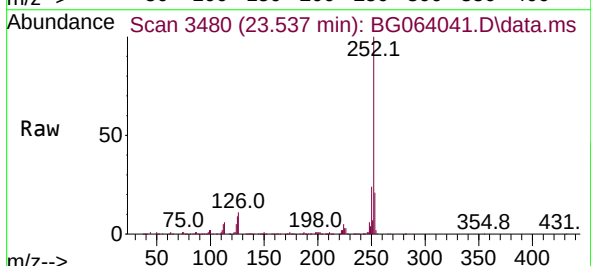
Tgt Ion:252 Resp: 1417467

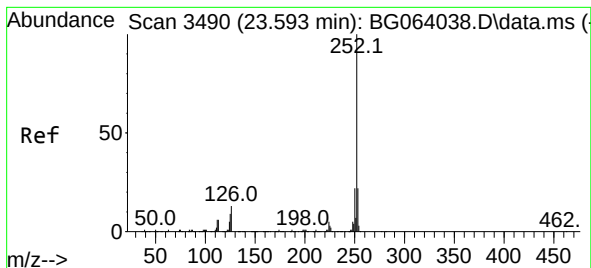
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 8.9 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 80.952 ng

RT: 23.601 min Scan# 3491

Delta R.T. 0.008 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

Instrument :

BNA_G

ClientSampleId :

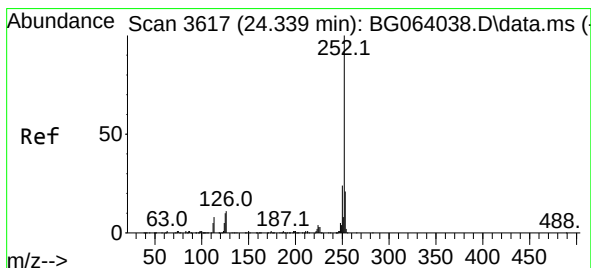
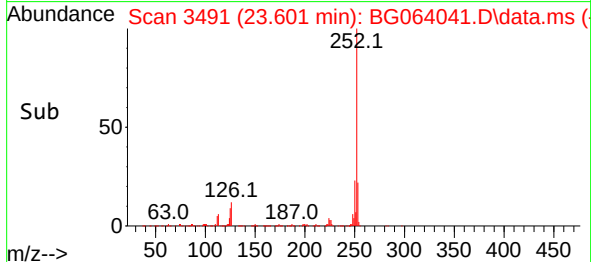
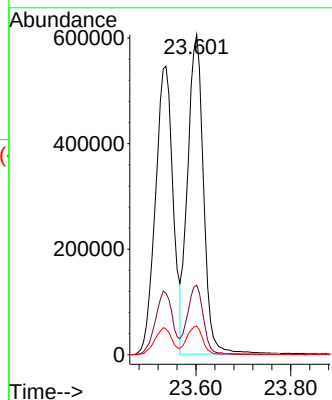
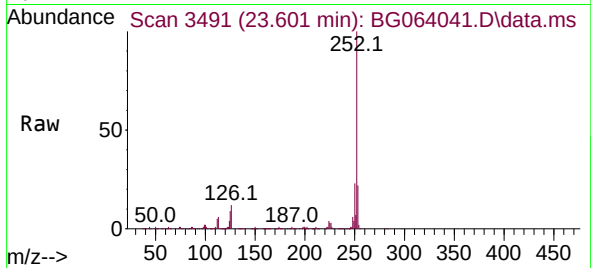
Tgt Ion:252 Resp: 1408434

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.0 7.4 11.2



#90

Benzo(a)pyrene

Concen: 83.456 ng

RT: 24.348 min Scan# 3618

Delta R.T. 0.008 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

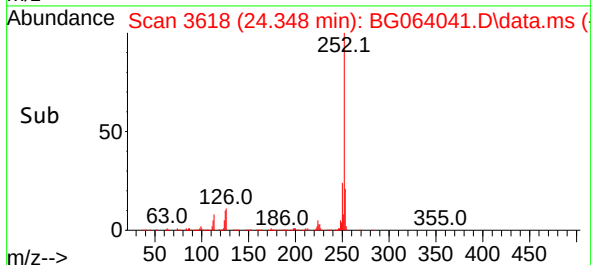
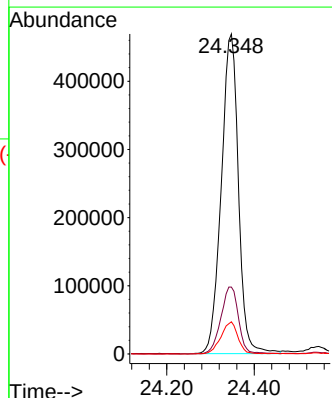
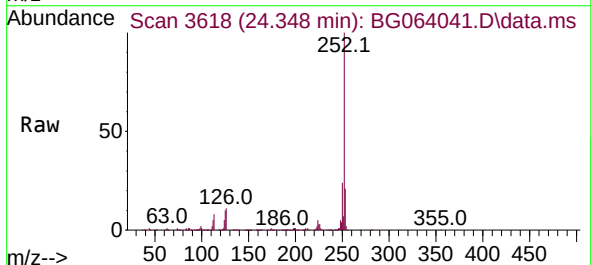
Tgt Ion:252 Resp: 1272392

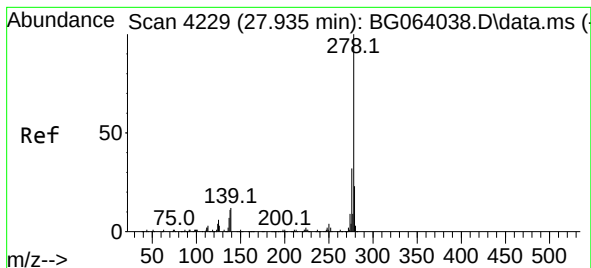
Ion Ratio Lower Upper

252 100

253 20.9 16.5 24.7

125 10.0 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 84.273 ng

RT: 27.961 min Scan# 41

Delta R.T. 0.026 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

Instrument :

BNA_G

ClientSampleId :

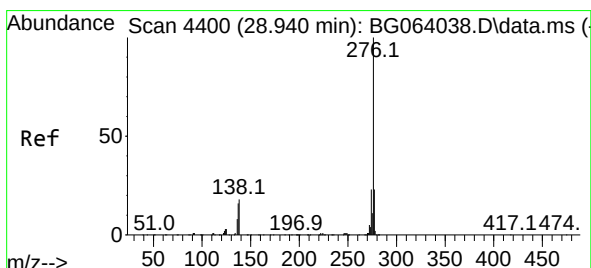
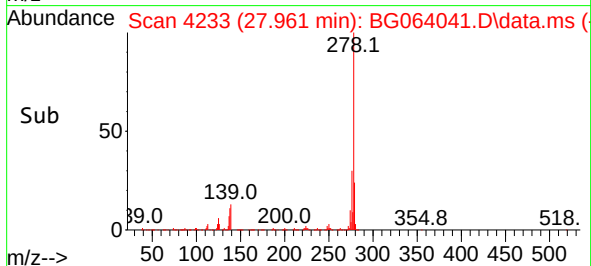
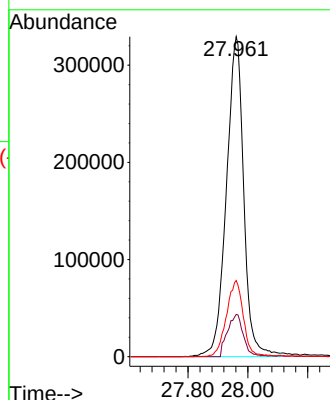
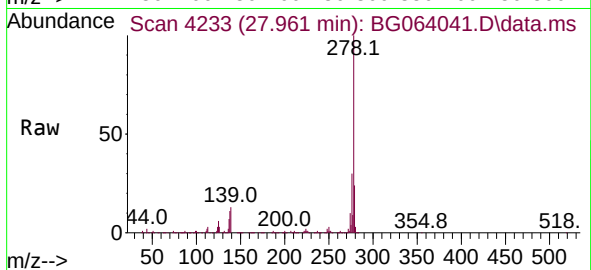
Tgt Ion:278 Resp: 1323980

Ion Ratio Lower Upper

278 100

139 13.2 9.7 14.5

279 23.8 18.2 27.2



#92

Benzo(g,h,i)perylene

Concen: 81.653 ng

RT: 28.966 min Scan# 4404

Delta R.T. 0.026 min

Lab File: BG064041.D

Acq: 3 Mar 2025 16:59

Tgt Ion:276 Resp: 1335839

Ion Ratio Lower Upper

276 100

277 23.7 18.2 27.4

138 18.9 14.4 21.6

