

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020525\
 Data File : BG064005.D
 Acq On : 5 Feb 2025 19:07
 Operator : RC/JU
 Sample : Q1168-08
 Misc : LOQ-WATER 10PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 06 01:27:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 04 02:51:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	60703	20.000	ng	0.00
21) Naphthalene-d8	10.662	136	261381	20.000	ng	0.00
39) Acenaphthene-d10	14.493	164	177789	20.000	ng	0.00
64) Phenanthrene-d10	17.237	188	396931	20.000	ng	0.00
76) Chrysene-d12	21.473	240	418739	20.000	ng	0.00
86) Perylene-d12	24.499	264	432857	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.456	112	362393	95.717	ng	0.00
7) Phenol-d6	7.037	99	499704	96.176	ng	0.00
23) Nitrobenzene-d5	9.023	82	328287	76.332	ng	0.00
42) 2,4,6-Tribromophenol	15.979	330	188439	96.243	ng	0.00
45) 2-Fluorobiphenyl	13.124	172	770860	66.431	ng	0.00
79) Terphenyl-d14	19.857	244	1332334	66.450	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.394	88	14968	8.324	ng	94
3) Pyridine	3.776	79	35448	7.301	ng	96
4) n-Nitrosodimethylamine	3.694	42	23020	8.245	ng	# 89
6) Aniline	7.195	93	46623	8.374	ng	97
8) 2-Chlorophenol	7.436	128	33530	8.691	ng	91
9) Benzaldehyde	7.013	77	33335	11.752	ng	95
10) Phenol	7.060	94	45370	8.295	ng	97
11) bis(2-Chloroethyl)ether	7.295	93	35734	8.114	ng	87
12) 1,3-Dichlorobenzene	7.765	146	37531	8.175	ng	97
13) 1,4-Dichlorobenzene	7.906	146	38252	8.250	ng	92
14) 1,2-Dichlorobenzene	8.224	146	36475	8.208	ng	95
15) Benzyl Alcohol	8.106	79	31755	8.177	ng	# 83
16) 2,2'-oxybis(1-Chloropr...	8.394	45	77025	8.685	ng	99
17) 2-Methylphenol	8.306	107	28066	7.934	ng	95
18) Hexachloroethane	8.952	117	13162	8.626	ng	83
19) n-Nitroso-di-n-propyla...	8.670	70	29575	8.220	ng	# 97
20) 3+4-Methylphenols	8.629	107	38826	8.239	ng	94
22) Acetophenone	8.682	105	60831	8.470	ng	# 94
24) Nitrobenzene	9.064	77	42639	11.719	ng	98
25) Isophorone	9.581	82	78890	8.462	ng	# 97
26) 2-Nitrophenol	9.769	139	10144	16.223	ng	# 95
27) 2,4-Dimethylphenol	9.828	122	14213	5.300	ng	# 92
28) bis(2-Chloroethoxy)met...	10.074	93	47351	7.982	ng	# 98
29) 2,4-Dichlorophenol	10.303	162	27079	10.513	ng	94
30) 1,2,4-Trichlorobenzene	10.521	180	36047	8.181	ng	92
31) Naphthalene	10.709	128	110991	7.920	ng	98
32) Benzoic acid	9.910	122	11296	14.048	ng	88
33) 4-Chloroaniline	10.809	127	41984	7.819	ng	96
34) Hexachlorobutadiene	11.003	225	22240	7.926	ng	94
35) Caprolactam	11.543	113	10683	12.244	ng	97
36) 4-Chloro-3-methylphenol	11.931	107	34044	7.931	ng	# 92
37) 2-Methylnaphthalene	12.319	142	76627	7.847	ng	93
38) 1-Methylnaphthalene	12.536	142	72942	7.549	ng	92
40) 1,2,4,5-Tetrachloroben...	12.683	216	41809	7.974	ng	99
41) Hexachlorocyclopentadiene	12.677	237	10937	8.242	ng	94
43) 2,4,6-Trichlorophenol	12.924	196	21973	11.299	ng	97

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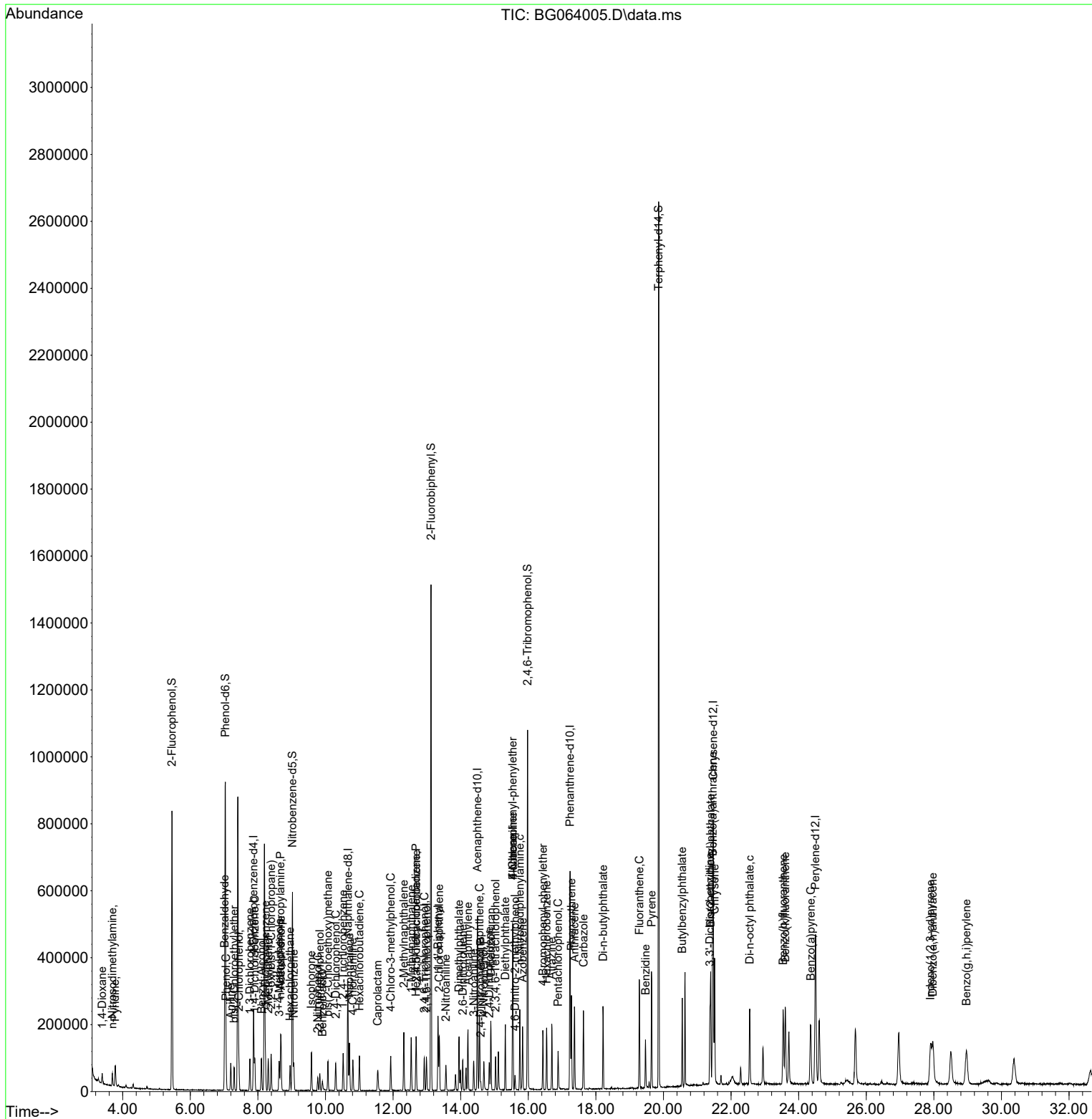
Instrument :
 BNA_G
 ClientSampleId :

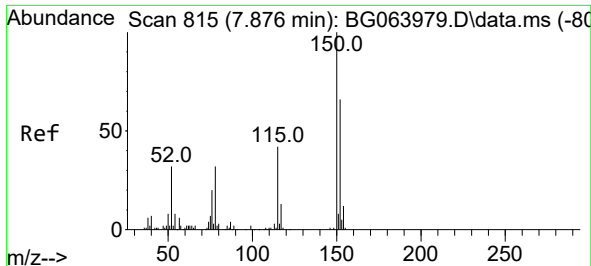
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 04 02:51:00 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.989	196	24216	10.352	ng	97
46) 1,1'-Biphenyl	13.329	154	109901	8.119	ng	99
47) 2-Chloronaphthalene	13.365	162	81033	8.213	ng	98
48) 2-Nitroaniline	13.559	65	19998	12.511	ng	96
49) Acenaphthylene	14.217	152	125608	8.196	ng	97
50) Dimethylphthalate	13.952	163	96989	8.228	ng	99
51) 2,6-Dinitrotoluene	14.064	165	15501	11.579	ng	94
52) Acenaphthene	14.557	154	81686	7.946	ng	99
53) 3-Nitroaniline	14.387	138	17854	11.407	ng	89
54) 2,4-Dinitrophenol	14.593	184	4556	14.847	ng	96
55) Dibenzofuran	14.892	168	128561	7.702	ng	98
56) 4-Nitrophenol	14.687	139	15308	14.441	ng	# 78
57) 2,4-Dinitrotoluene	14.845	165	19949	11.991	ng	# 97
58) Fluorene	15.544	166	102418	7.939	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.033	232	21537	10.948	ng	92
60) Diethylphthalate	15.321	149	100045	8.005	ng	98
61) 4-Chlorophenyl-phenyle...	15.539	204	51085	7.892	ng	97
62) 4-Nitroaniline	15.544	138	17471	9.686	ng	92
63) Azobenzene	15.832	77	110133	7.461	ng	96
65) 4,6-Dinitro-2-methylph...	15.609	198	8325	15.370	ng	96
66) n-Nitrosodiphenylamine	15.750	169	87316	7.934	ng	96
67) 4-Bromophenyl-phenylether	16.432	248	33717	8.534	ng	98
68) Hexachlorobenzene	16.543	284	37903	8.160	ng	92
69) Atrazine	16.696	200	32140	8.776	ng	94
70) Pentachlorophenol	16.884	266	22253	15.226	ng	93
71) Phenanthrene	17.278	178	168349	8.075	ng	99
72) Anthracene	17.366	178	159806	7.661	ng	98
73) Carbazole	17.636	167	149925	7.677	ng	100
74) Di-n-butylphthalate	18.212	149	165241	8.118	ng	98
75) Fluoranthene	19.287	202	193732	7.631	ng	96
77) Benzidine	19.469	184	77946	8.742	ng	96
78) Pyrene	19.645	202	211793	8.193	ng	99
80) Butylbenzylphthalate	20.556	149	67098	12.129	ng	95
81) Benzo(a)anthracene	21.455	228	220984	8.312	ng	98
82) 3,3'-Dichlorobenzidine	21.373	252	71185	8.598	ng	97
83) Chrysene	21.514	228	216063	8.166	ng	98
84) Bis(2-ethylhexyl)phtha...	21.396	149	110597	11.397	ng	100
85) Di-n-octyl phthalate	22.554	149	180858	13.472	ng	99
87) Indeno(1,2,3-cd)pyrene	27.901	276	238899	8.555	ng	# 78
88) Benzo(b)fluoranthene	23.541	252	204736	8.032	ng	99
89) Benzo(k)fluoranthene	23.606	252	207891	7.943	ng	97
90) Benzo(a)pyrene	24.358	252	190746	8.384	ng	98
91) Dibenzo(a,h)anthracene	27.971	278	193317	8.198	ng	95
92) Benzo(g,h,i)perylene	28.964	276	188912	7.936	ng	94

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

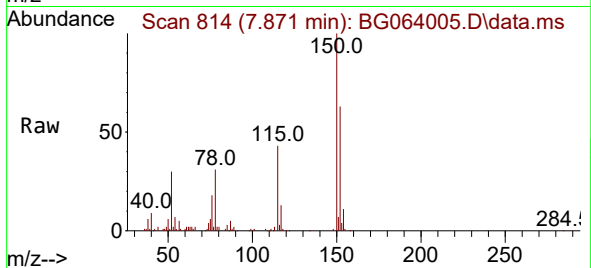
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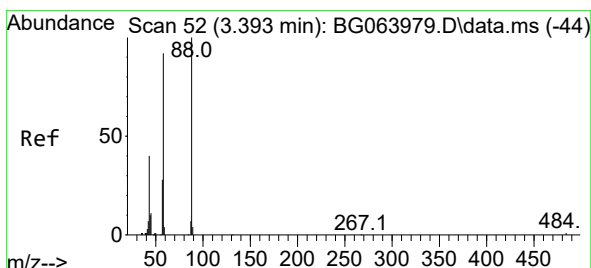
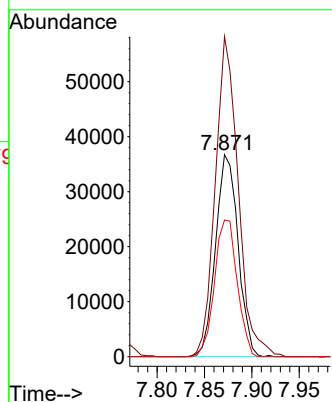
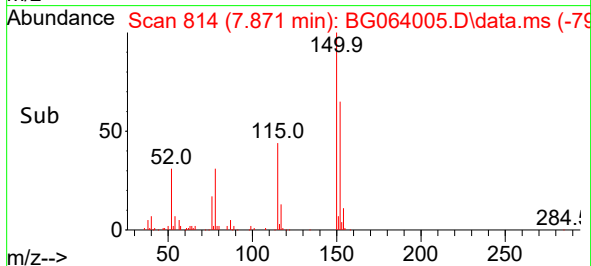


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.871 min Scan# 815
 Delta R.T. -0.005 min
 Lab File: BG064005.D
 Acq: 5 Feb 2025 19:07

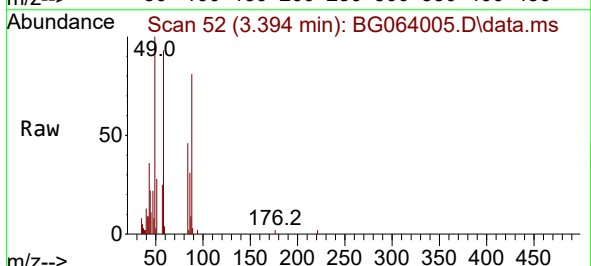
Instrument :
 BNA_G
 ClientSampleId :



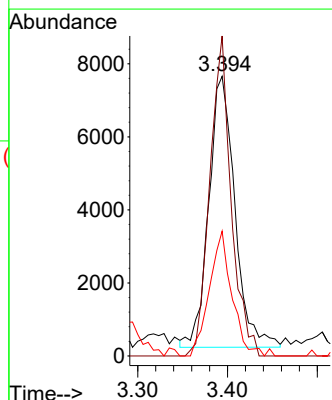
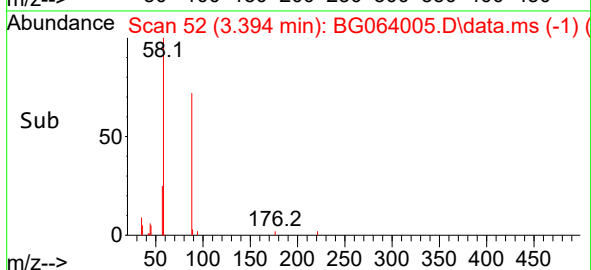
Tgt Ion:152 Resp: 60703
 Ion Ratio Lower Upper
 152 100
 150 158.4 121.0 181.6
 115 67.6 50.4 75.6

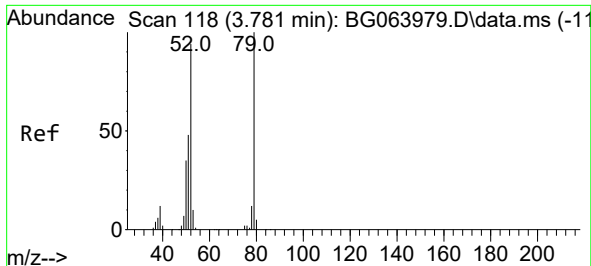


#2
 1,4-Dioxane
 Concen: 8.324 ng
 RT: 3.394 min Scan# 52
 Delta R.T. 0.001 min
 Lab File: BG064005.D
 Acq: 5 Feb 2025 19:07



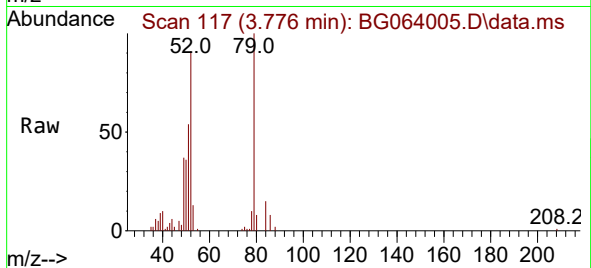
Tgt Ion: 88 Resp: 14968
 Ion Ratio Lower Upper
 88 100
 58 96.4 71.8 107.8
 43 40.2 31.2 46.8



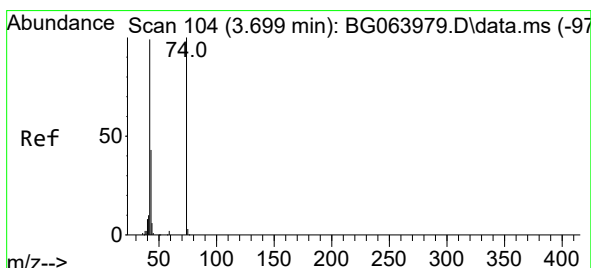
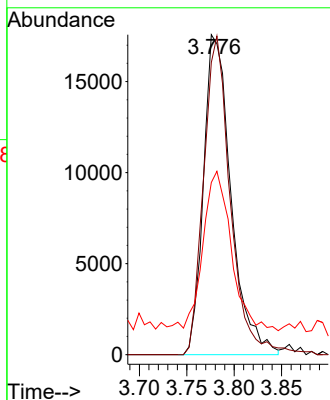
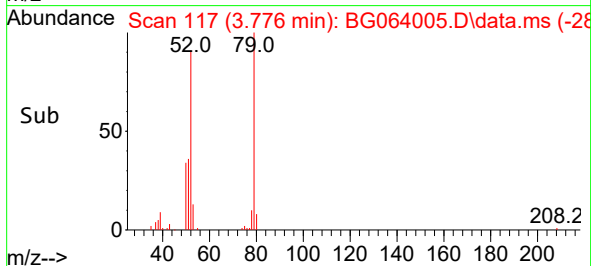


#3
Pyridine
Concen: 7.301 ng
RT: 3.776 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

Instrument :
BNA_G
ClientSampleId :

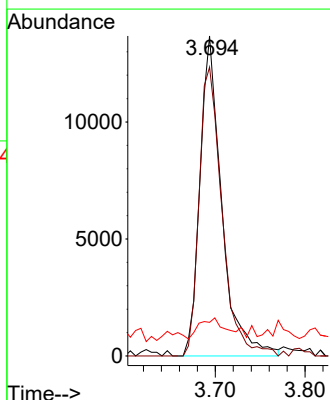
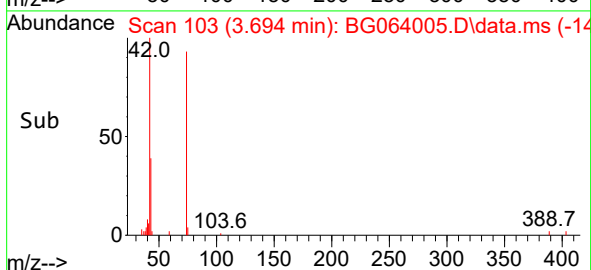
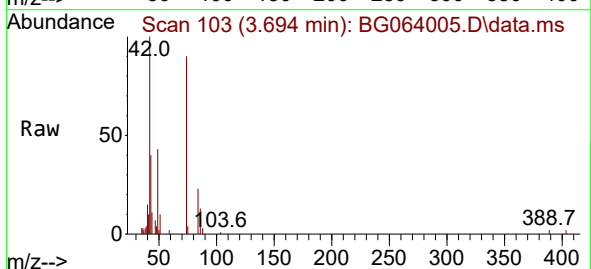


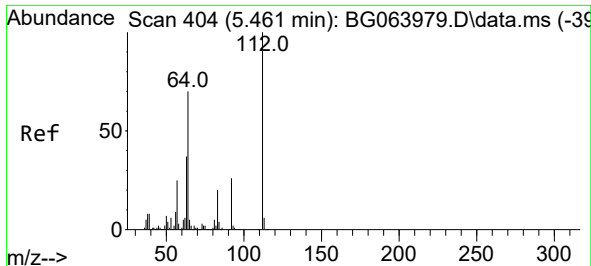
Tgt Ion: 79 Resp: 35448
Ion Ratio Lower Upper
79 100
52 91.3 75.1 112.7
51 53.8 38.9 58.3



#4
n-Nitrosodimethylamine
Concen: 8.245 ng
RT: 3.694 min Scan# 103
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

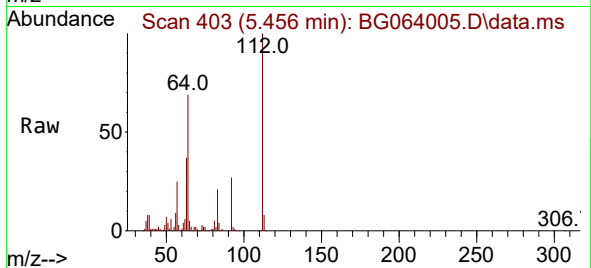
Tgt Ion: 42 Resp: 23020
Ion Ratio Lower Upper
42 100
74 90.3 80.8 121.2
44 10.5 5.8 8.6



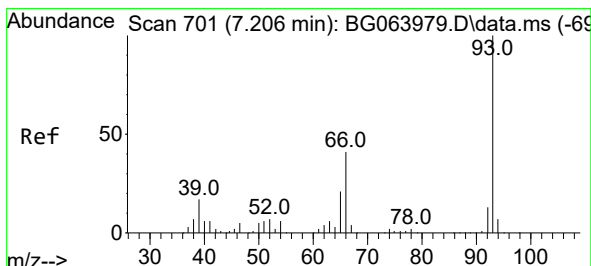
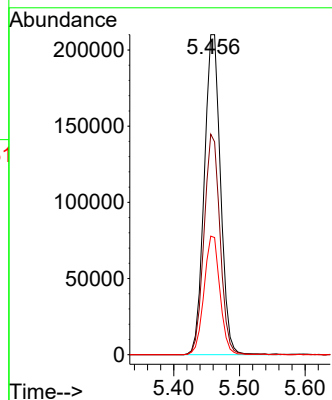
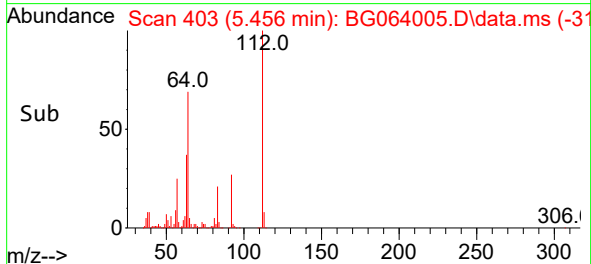


#5
2-Fluorophenol
Concen: 95.717 ng
RT: 5.456 min Scan# 404
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

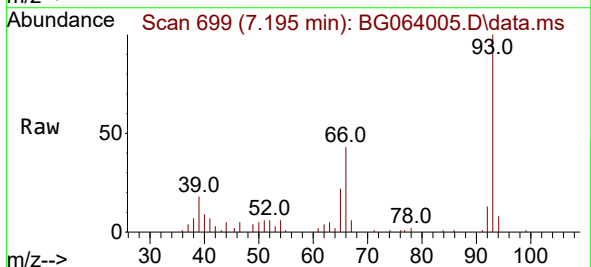
Instrument :
BNA_G
ClientSampleId :



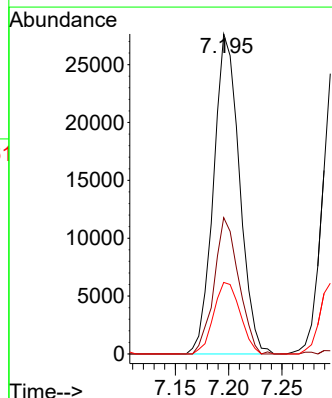
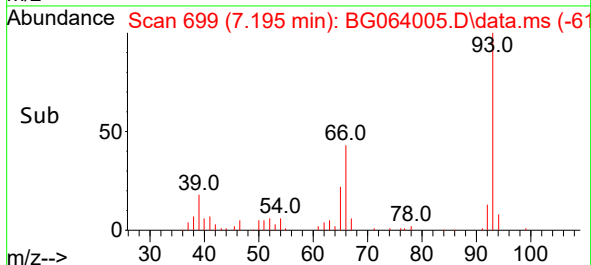
Tgt Ion:112 Resp: 362393
Ion Ratio Lower Upper
112 100
64 68.9 55.8 83.8
63 37.1 29.3 43.9

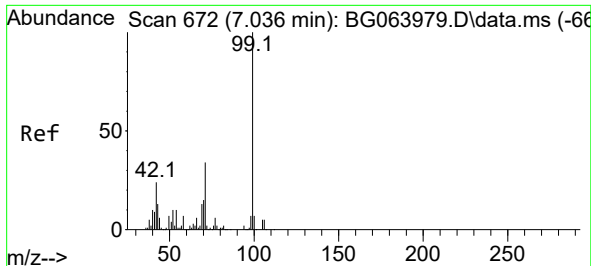


#6
Aniline
Concen: 8.374 ng
RT: 7.195 min Scan# 699
Delta R.T. -0.011 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07



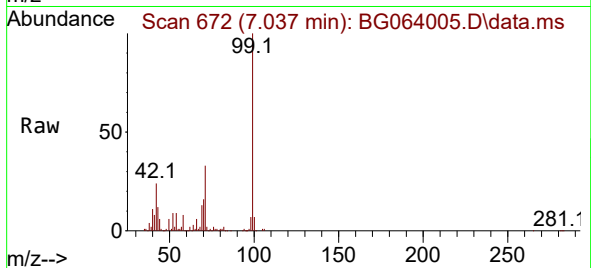
Tgt Ion: 93 Resp: 46623
Ion Ratio Lower Upper
93 100
66 42.6 32.5 48.7
65 22.4 16.6 25.0



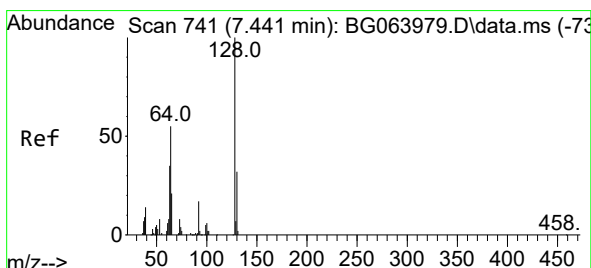
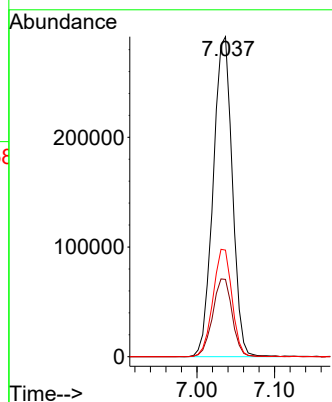
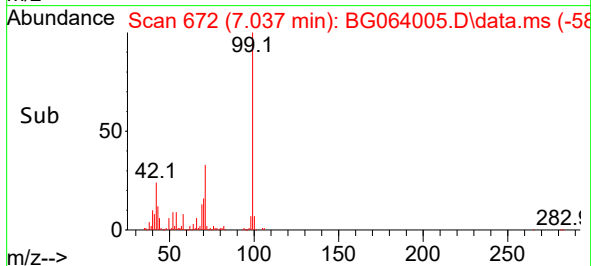


#7
Phenol-d6
Concen: 96.176 ng
RT: 7.037 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

Instrument :
BNA_G
ClientSampleId :

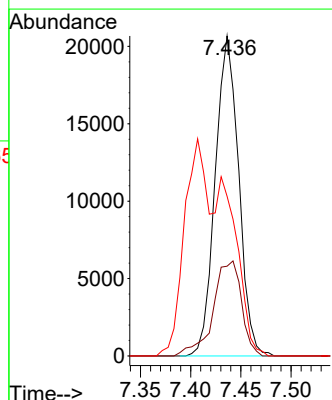
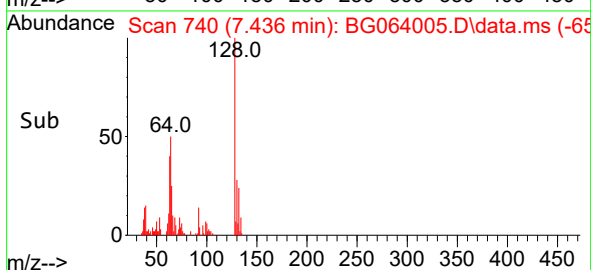
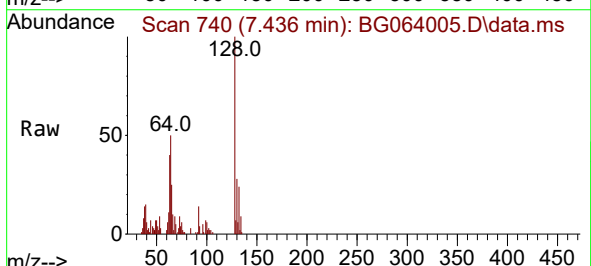


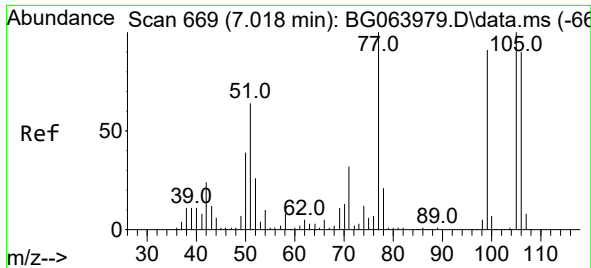
Tgt Ion: 99 Resp: 499704
Ion Ratio Lower Upper
99 100
42 24.2 18.9 28.3
71 33.3 27.0 40.6



#8
2-Chlorophenol
Concen: 8.691 ng
RT: 7.436 min Scan# 740
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

Tgt Ion:128 Resp: 33530
Ion Ratio Lower Upper
128 100
130 28.1 11.9 51.9
64 49.9 36.8 76.8

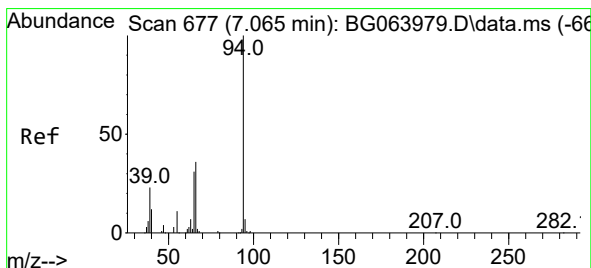
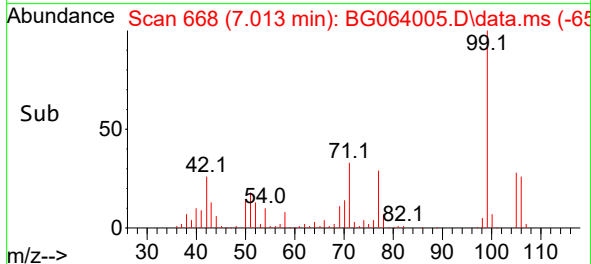
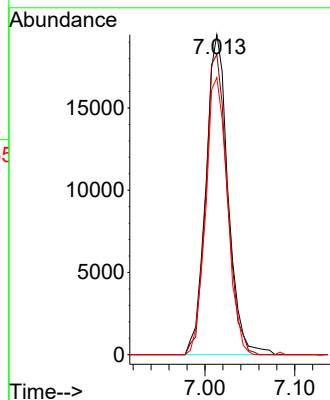
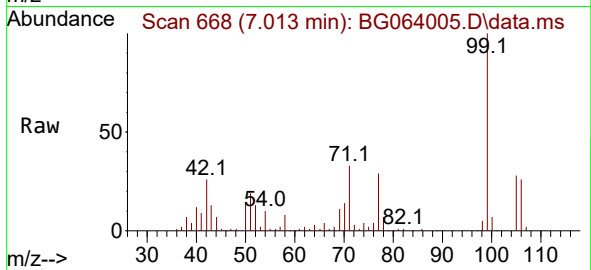




#9
Benzaldehyde
Concen: 11.752 ng
RT: 7.013 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

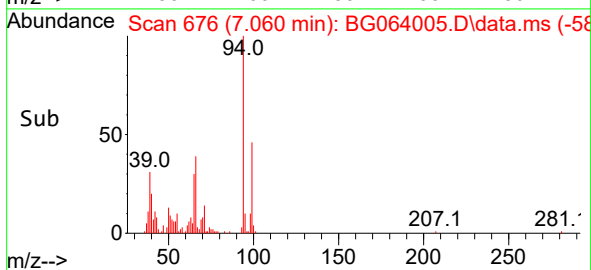
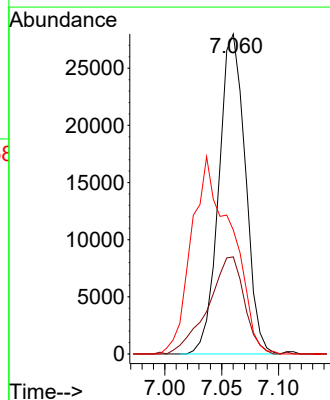
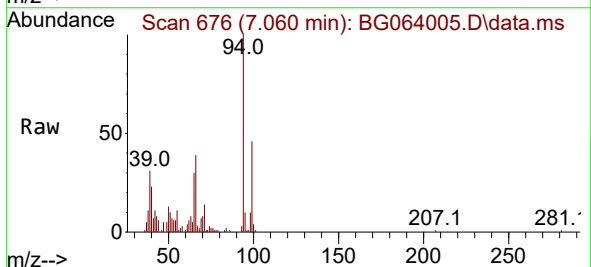
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BNA_G
ClientSampleId :

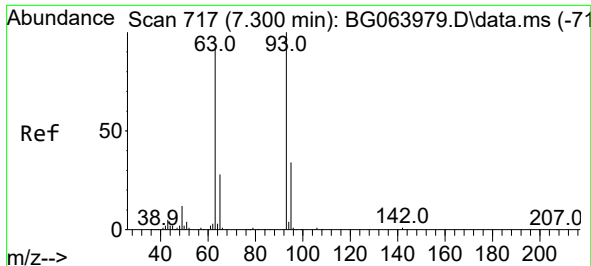
Tgt Ion: 77 Resp: 33335
Ion Ratio Lower Upper
77 100
105 93.8 79.8 119.8
106 86.6 69.9 109.9



#10
Phenol
Concen: 8.295 ng
RT: 7.060 min Scan# 676
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

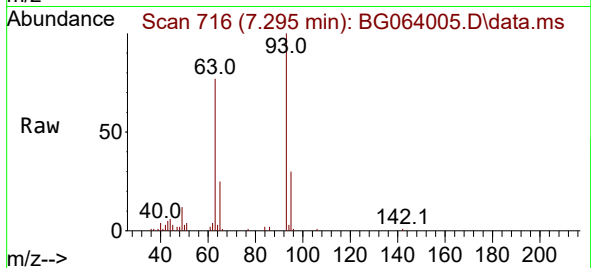
Tgt Ion: 94 Resp: 45370
Ion Ratio Lower Upper
94 100
65 30.3 11.4 51.4
66 38.7 16.7 56.7





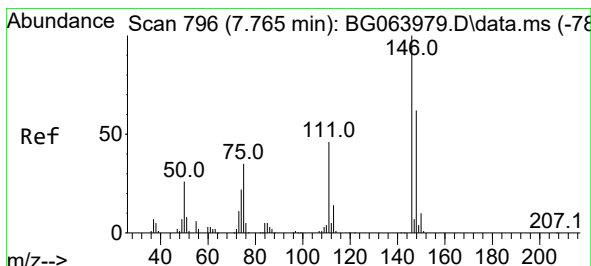
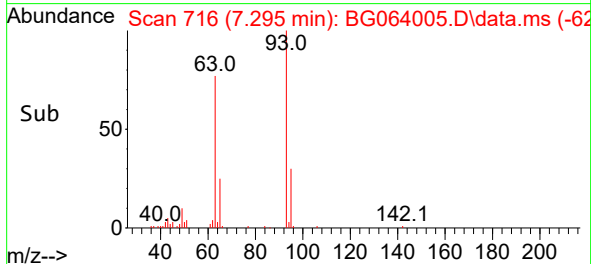
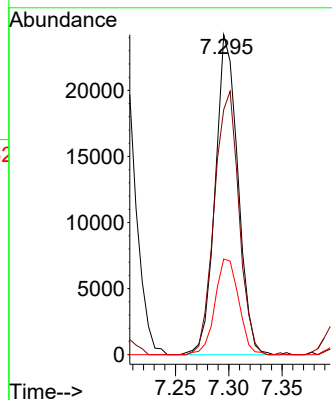
#11
bis(2-Chloroethyl)ether
Concen: 8.114 ng
RT: 7.295 min Scan# 717
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

Instrument :
BNA_G
ClientSampleId :



Tgt Ion: 93 Resp: 35734

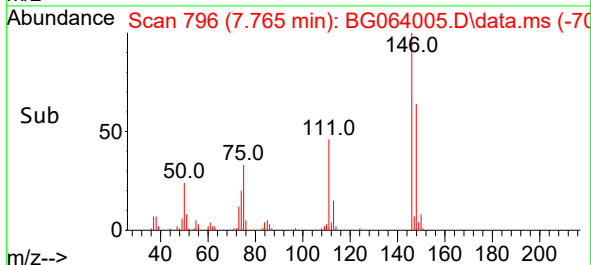
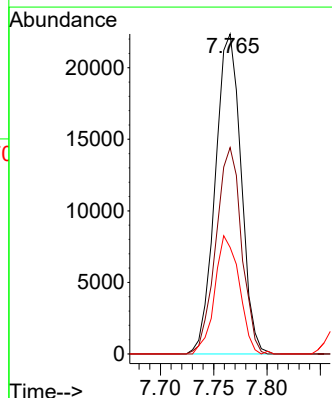
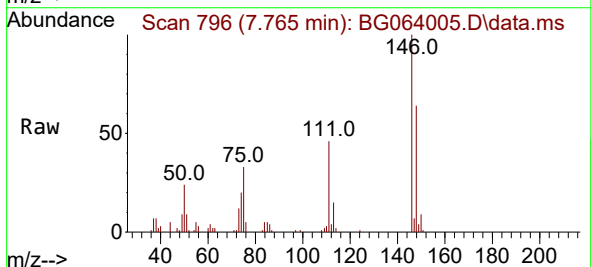
Ion	Ratio	Lower	Upper
93	100		
63	76.6	71.2	111.2
95	29.9	13.9	53.9

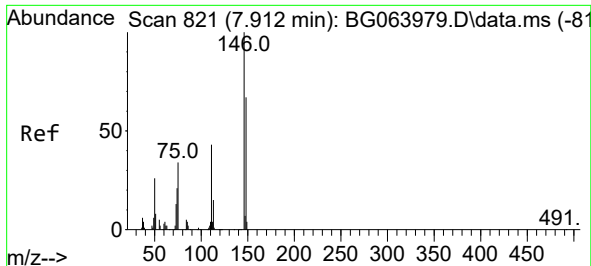


#12
1,3-Dichlorobenzene
Concen: 8.175 ng
RT: 7.765 min Scan# 796
Delta R.T. 0.001 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

Tgt Ion: 146 Resp: 37531

Ion	Ratio	Lower	Upper
146	100		
148	64.5	49.6	74.4
75	33.3	27.8	41.8

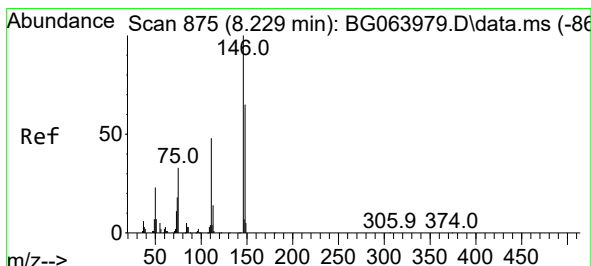
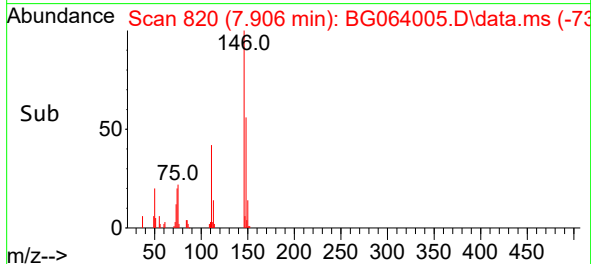
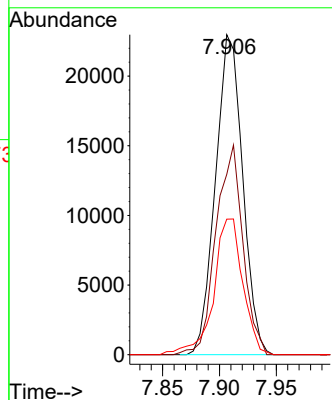
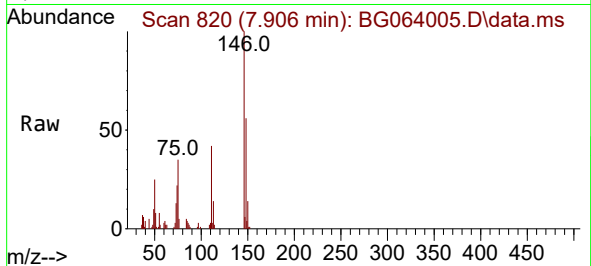




#13
1,4-Dichlorobenzene
Concen: 8.250 ng
RT: 7.906 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

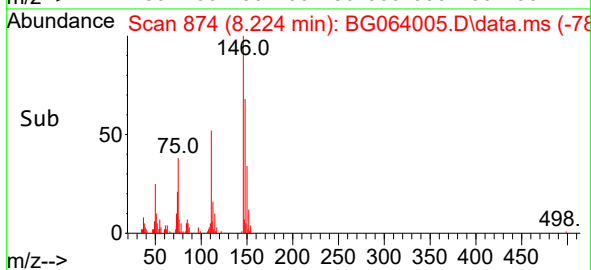
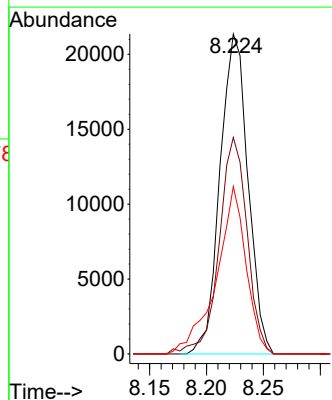
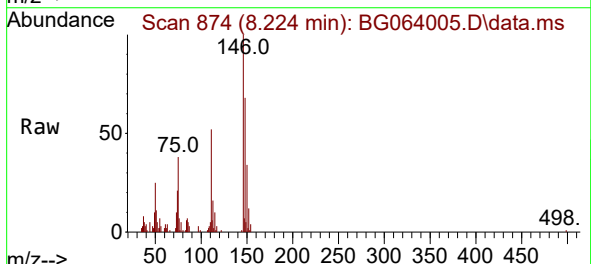
Instrument :
BNA_G
ClientSampleId :

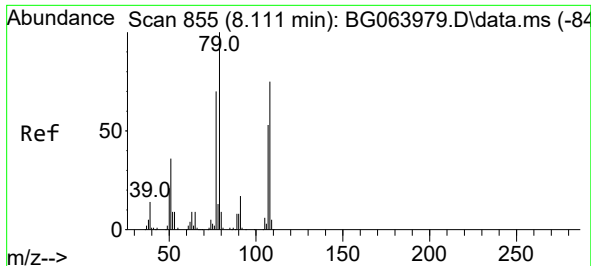
Tgt Ion:146 Resp: 38252
Ion Ratio Lower Upper
146 100
148 56.4 53.3 79.9
111 42.3 34.8 52.2



#14
1,2-Dichlorobenzene
Concen: 8.208 ng
RT: 8.224 min Scan# 874
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

Tgt Ion:146 Resp: 36475
Ion Ratio Lower Upper
146 100
148 67.7 52.0 78.0
111 52.3 38.2 57.2

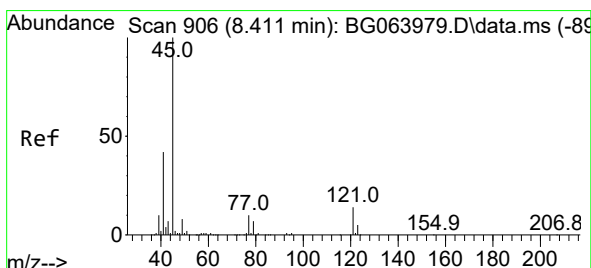
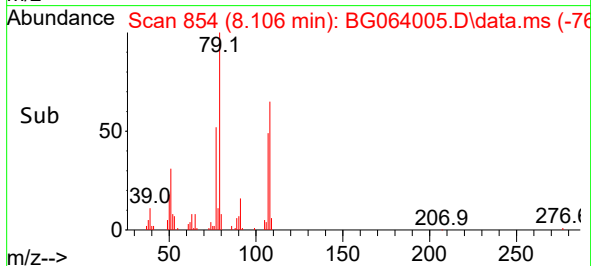
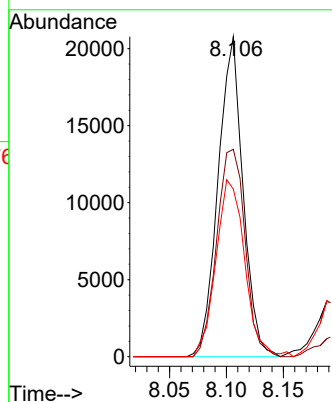
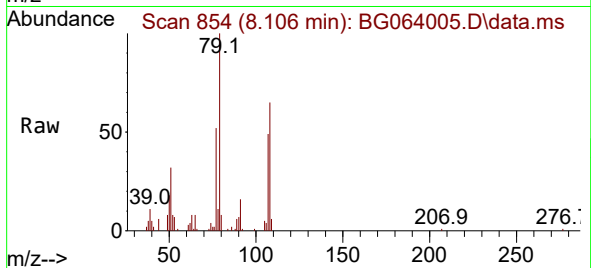




#15
Benzyl Alcohol
Concen: 8.177 ng
RT: 8.106 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

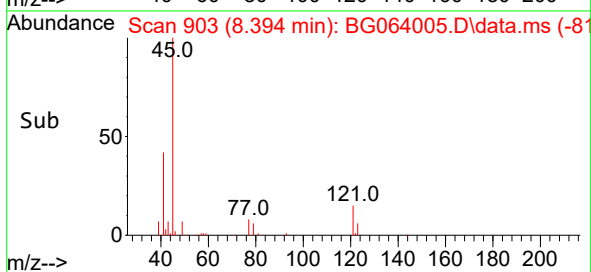
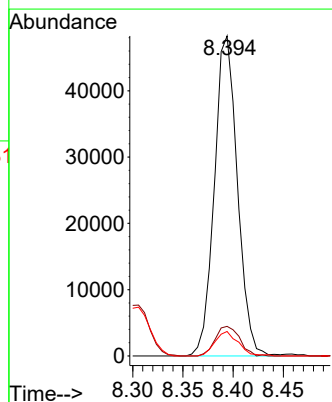
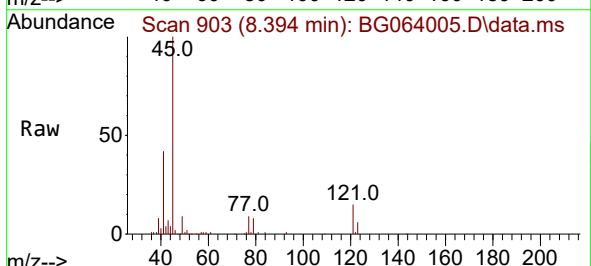
Instrument :
BNA_G
ClientSampleId :

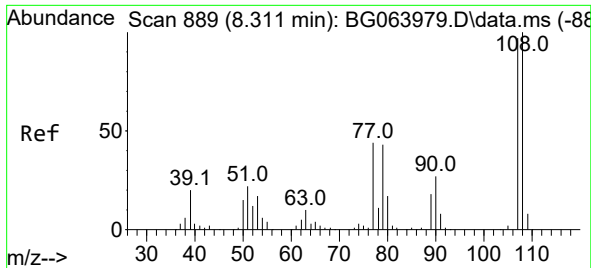
Tgt Ion: 79 Resp: 31755
Ion Ratio Lower Upper
79 100
108 64.8 60.3 90.5
77 52.3 55.8 83.8#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.685 ng
RT: 8.394 min Scan# 903
Delta R.T. -0.017 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

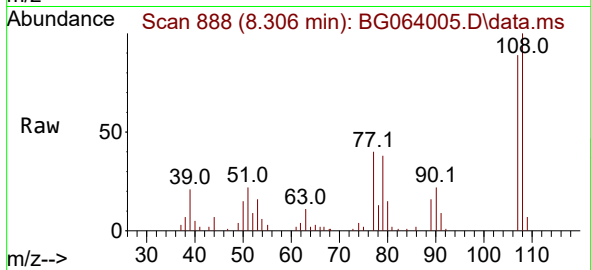
Tgt Ion: 45 Resp: 77025
Ion Ratio Lower Upper
45 100
77 9.3 0.0 29.8
79 7.7 0.0 27.7



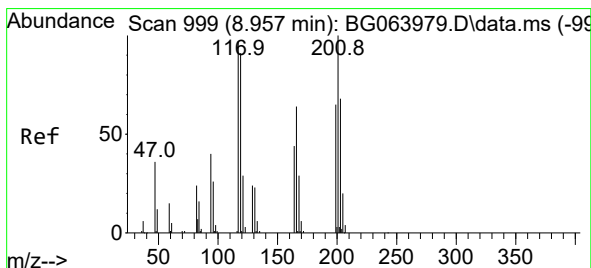
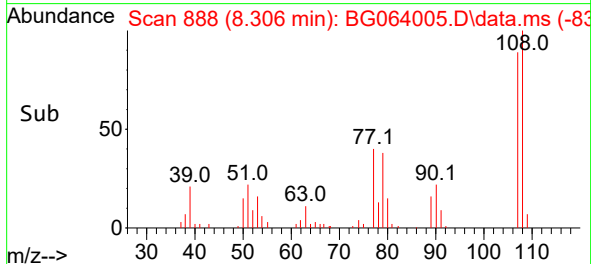
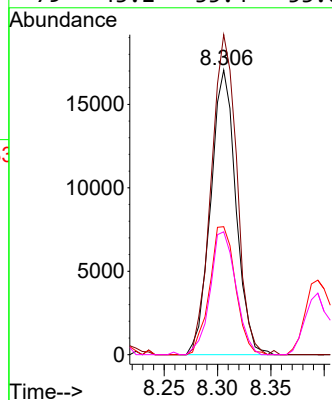


#17
2-Methylphenol
Concen: 7.934 ng
RT: 8.306 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

Instrument :
BNA_G
ClientSampleId :

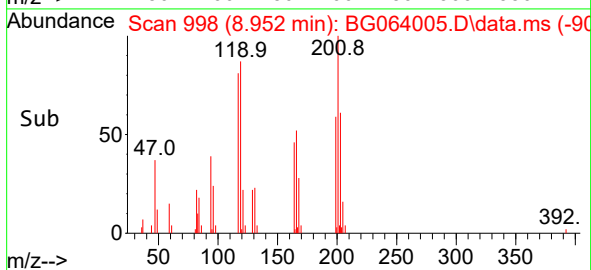
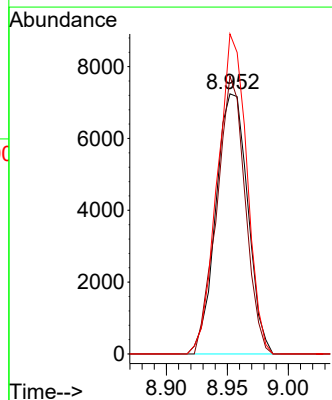
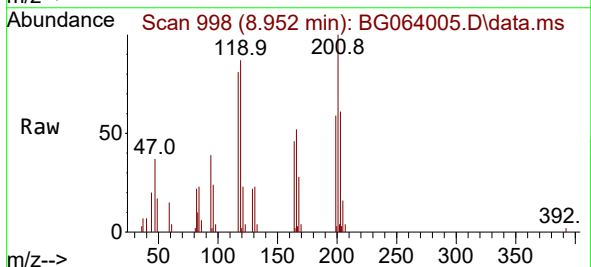


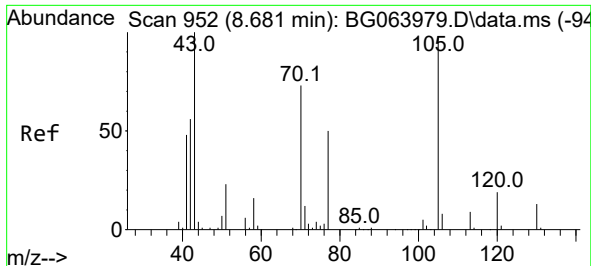
Tgt Ion:	107	Resp:	28066
Ion	Ratio	Lower	Upper
107	100		
108	112.4	82.9	124.3
77	45.0	36.4	54.6
79	43.2	35.4	53.0



#18
Hexachloroethane
Concen: 8.626 ng
RT: 8.952 min Scan# 998
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

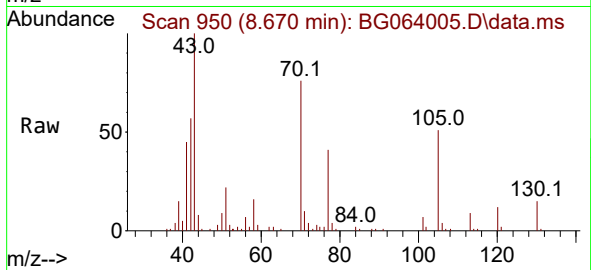
Tgt Ion:	117	Resp:	13162
Ion	Ratio	Lower	Upper
117	100		
119	106.8	75.4	113.0
201	123.0	82.4	123.6



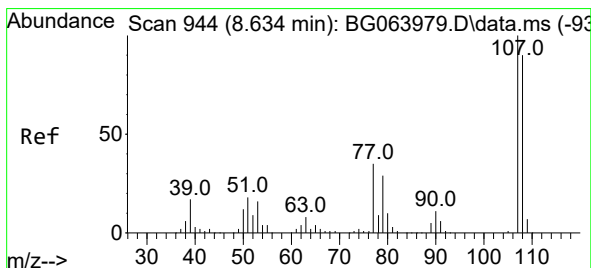
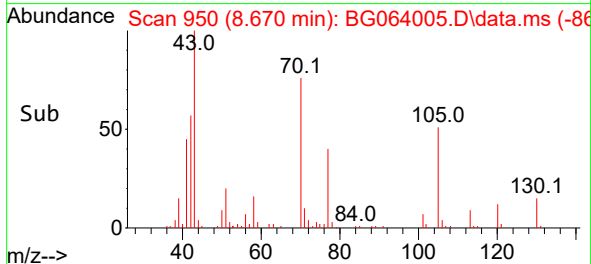
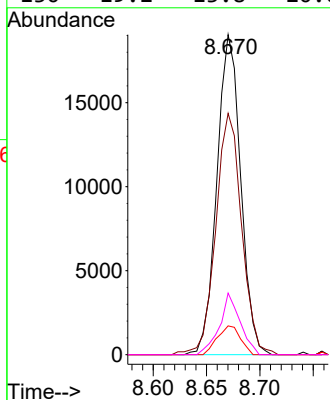


#19
n-Nitroso-di-n-propylamine
Concen: 8.220 ng
RT: 8.670 min Scan# 91
Delta R.T. -0.011 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

Instrument :
BNA_G
ClientSampleId :

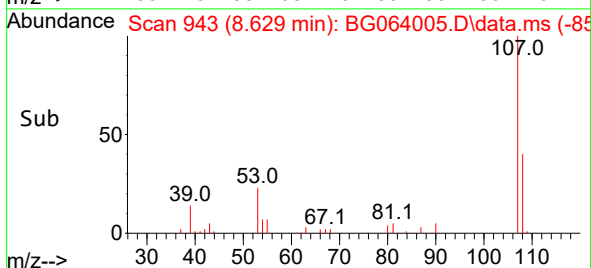
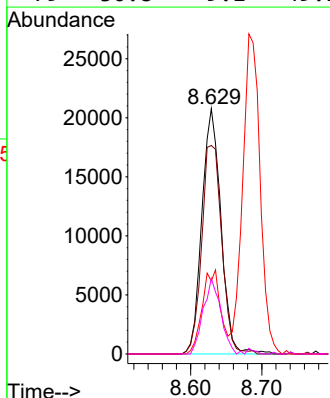
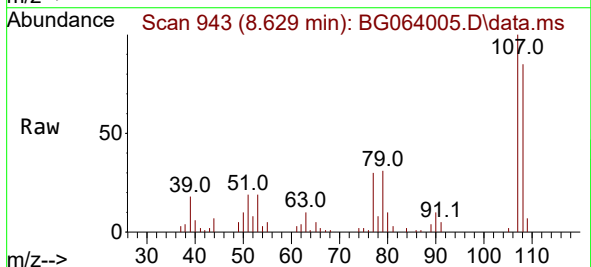


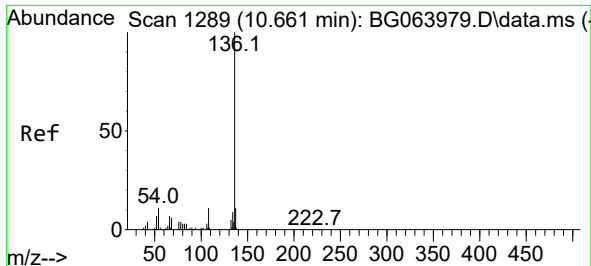
Tgt Ion: 70 Resp: 29575
Ion Ratio Lower Upper
70 100
42 75.4 62.2 93.4
101 9.0 5.6 8.4#
130 19.2 13.8 20.6



#20
3+4-Methylphenols
Concen: 8.239 ng
RT: 8.629 min Scan# 943
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

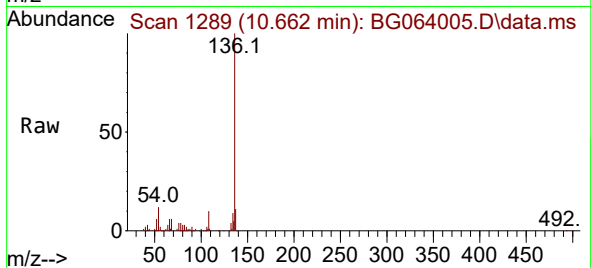
Tgt Ion: 107 Resp: 38826
Ion Ratio Lower Upper
107 100
108 84.9 70.0 110.0
77 29.7 15.2 55.2
79 30.8 9.1 49.1



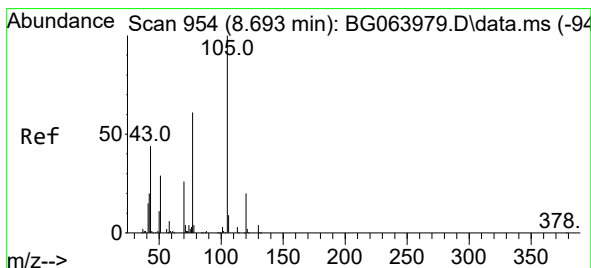
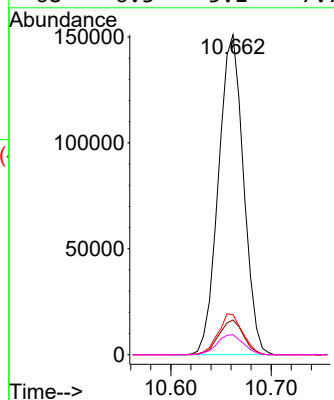


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.662 min Scan# 1289
Delta R.T. 0.001 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

Instrument :
BNA_G
ClientSampleId :

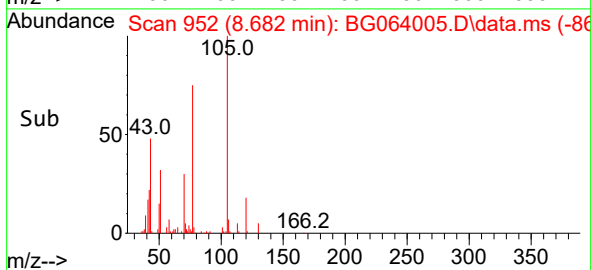
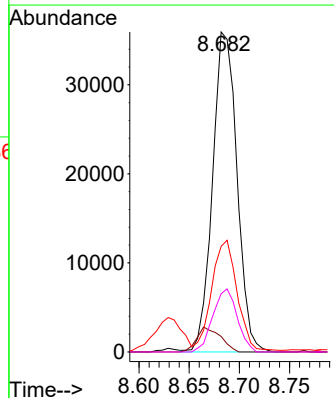
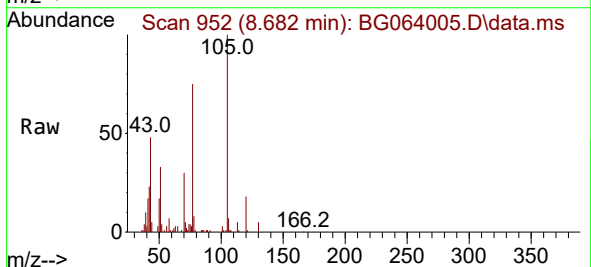


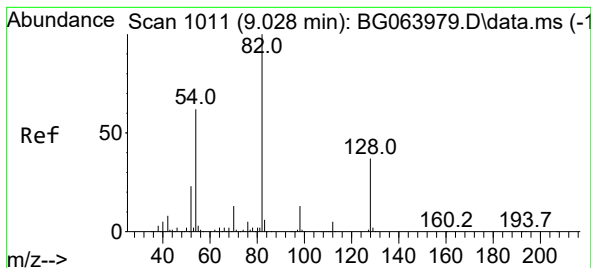
Tgt Ion:	136	Resp:	261381
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	12.5	9.2	13.8
68	6.3	5.1	7.7



#22
Acetophenone
Concen: 8.470 ng
RT: 8.682 min Scan# 952
Delta R.T. -0.011 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

Tgt Ion:	105	Resp:	60831
Ion Ratio	Lower	Upper	
105	100		
71	4.8	3.1	4.7#
51	33.0	29.9	44.9
120	18.2	16.0	24.0





#23

Nitrobenzene-d5

Concen: 76.332 ng

RT: 9.023 min Scan# 1010

Delta R.T. -0.005 min

Lab File: BG064005.D

Acq: 5 Feb 2025 19:07

Instrument :

BNA_G

ClientSampleId :

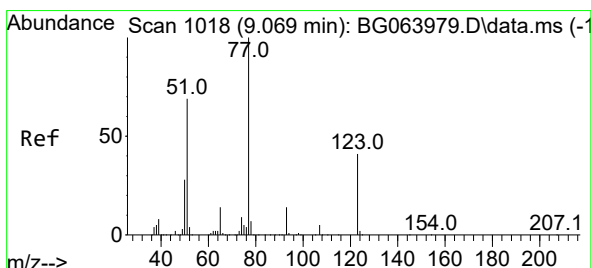
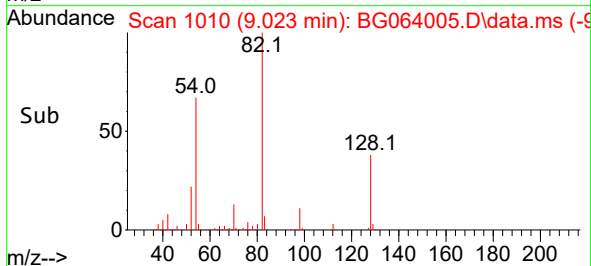
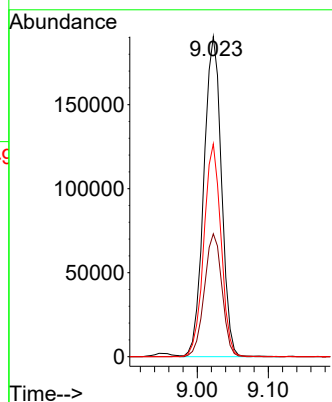
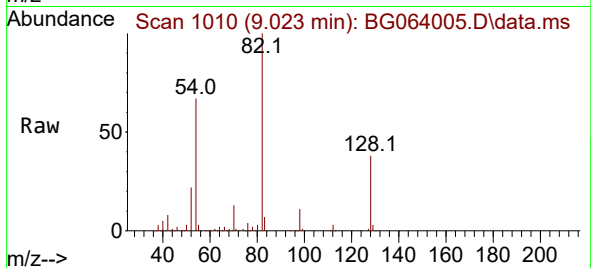
Tgt Ion: 82 Resp: 328287

Ion Ratio Lower Upper

82 100

128 38.4 29.4 44.2

54 66.5 49.9 74.9



#24

Nitrobenzene

Concen: 11.719 ng

RT: 9.064 min Scan# 1017

Delta R.T. -0.005 min

Lab File: BG064005.D

Acq: 5 Feb 2025 19:07

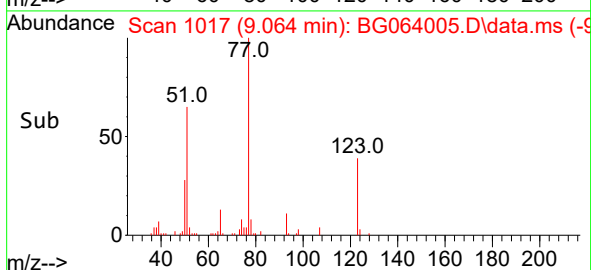
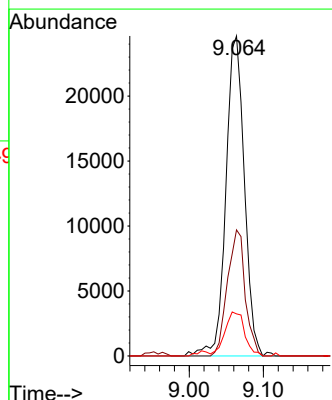
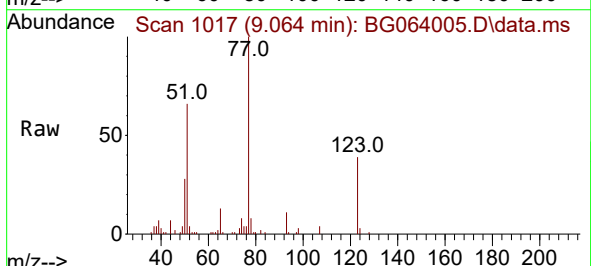
Tgt Ion: 77 Resp: 42639

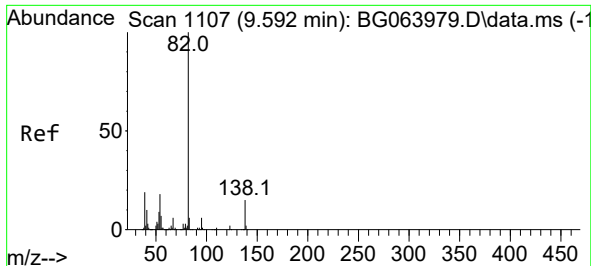
Ion Ratio Lower Upper

77 100

123 39.4 32.9 49.3

65 13.2 11.0 16.6

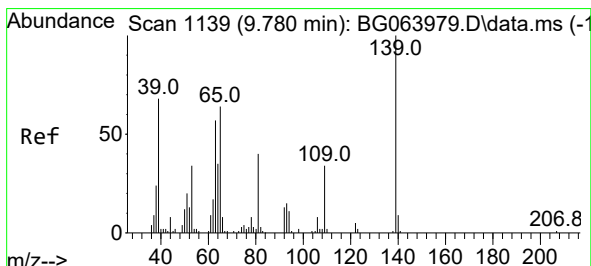
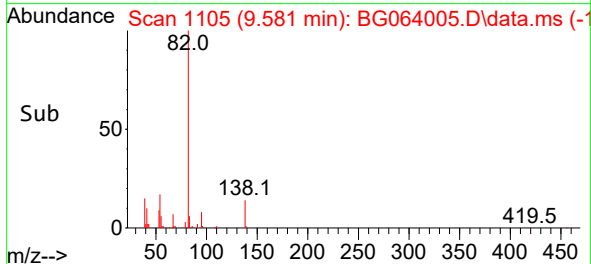
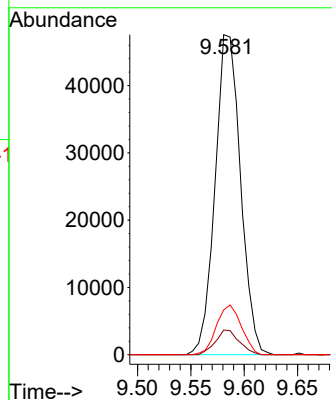
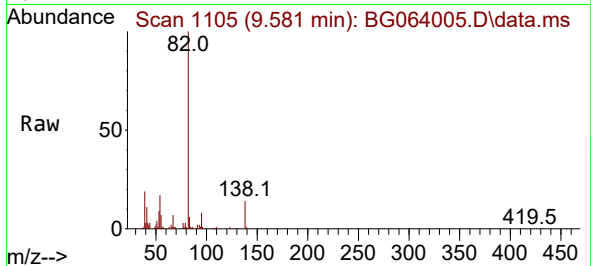




#25
Isophorone
Concen: 8.462 ng
RT: 9.581 min Scan# 1105
Delta R.T. -0.011 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

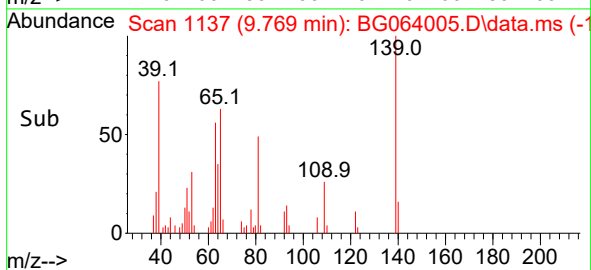
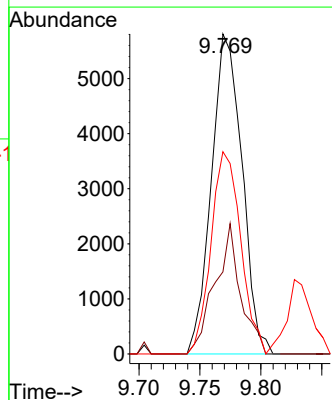
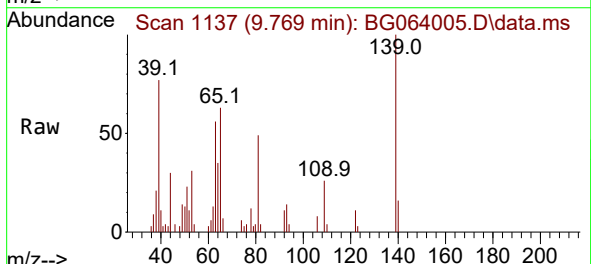
Instrument :
BNA_G
ClientSampleId :

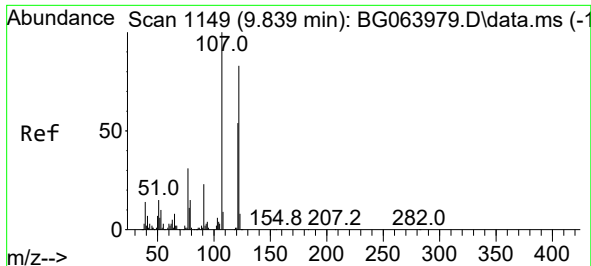
Tgt Ion: 82 Resp: 78890
Ion Ratio Lower Upper
82 100
95 7.7 5.0 7.4#
138 14.0 12.2 18.4



#26
2-Nitrophenol
Concen: 16.223 ng
RT: 9.769 min Scan# 1137
Delta R.T. -0.011 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

Tgt Ion:139 Resp: 10144
Ion Ratio Lower Upper
139 100
109 25.7 27.1 40.7#
65 63.2 51.0 76.6





#27

2,4-Dimethylphenol

Concen: 5.300 ng

RT: 9.828 min Scan# 1147

Delta R.T. -0.011 min

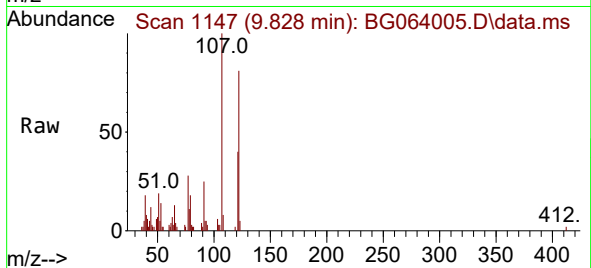
Lab File: BG064005.D

Acq: 5 Feb 2025 19:07

Instrument :

BNA_G

ClientSampleId :



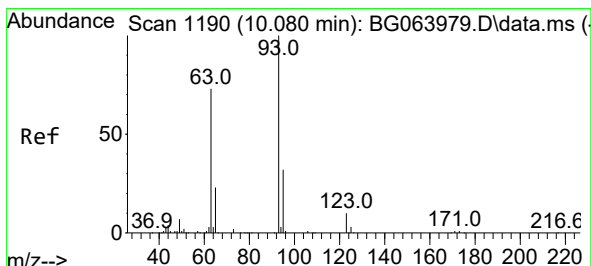
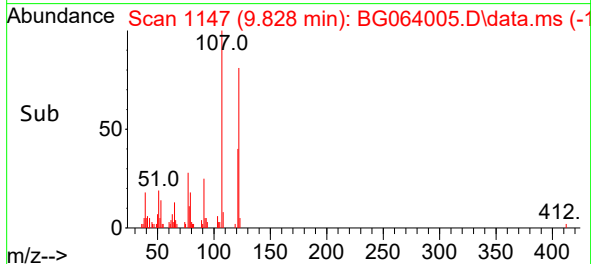
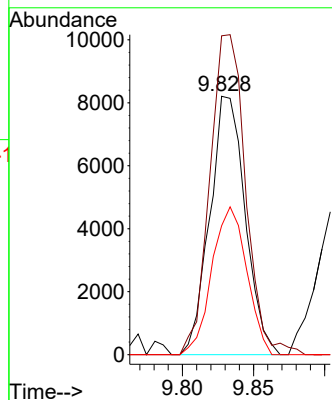
Tgt Ion:122 Resp: 14213

Ion Ratio Lower Upper

122 100

107 123.4 96.4 144.6

121 49.9 51.8 77.6#



#28

bis(2-Chloroethoxy)methane

Concen: 7.982 ng

RT: 10.074 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BG064005.D

Acq: 5 Feb 2025 19:07

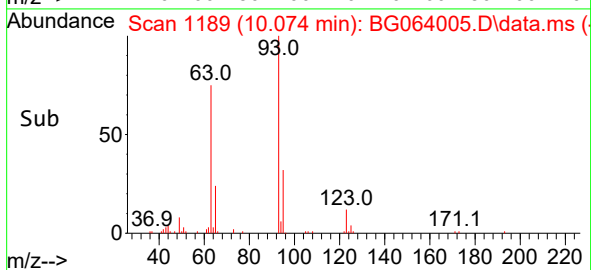
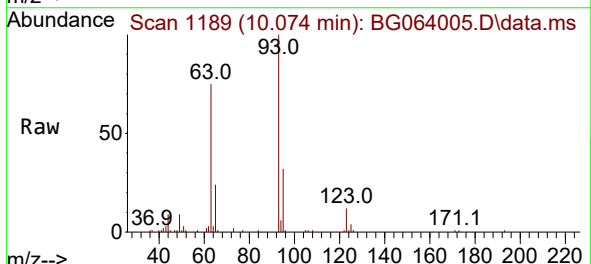
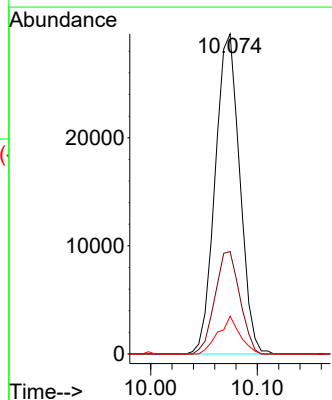
Tgt Ion: 93 Resp: 47351

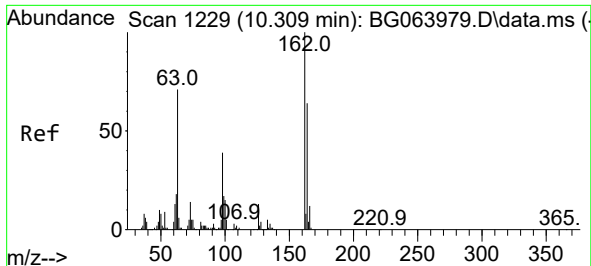
Ion Ratio Lower Upper

93 100

95 32.0 25.4 38.2

123 11.8 7.8 11.6#

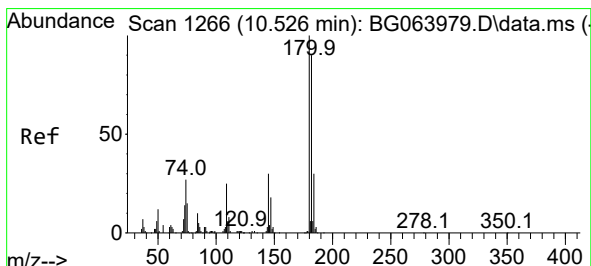
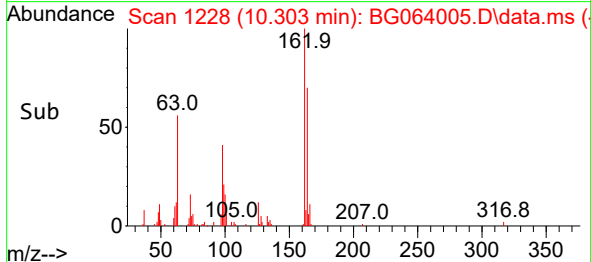
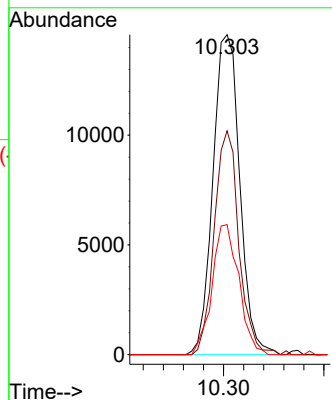
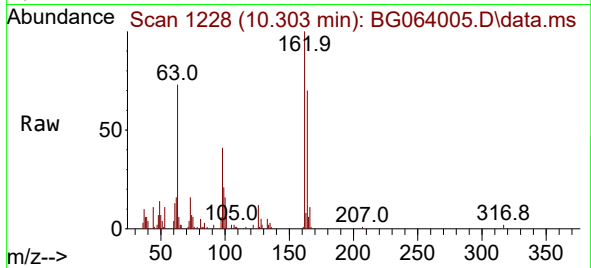




#29
2,4-Dichlorophenol
Concen: 10.513 ng
RT: 10.303 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

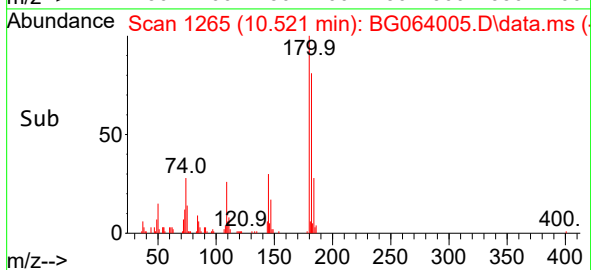
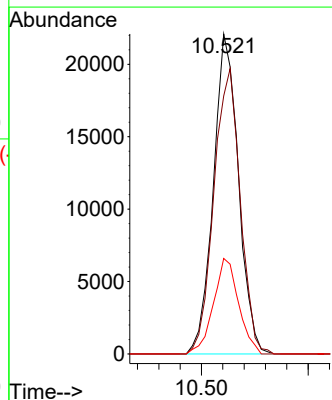
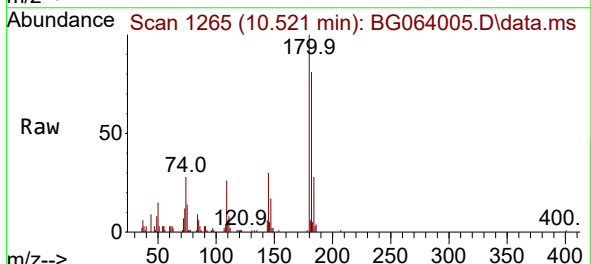
Instrument :
BNA_G
ClientSampleId :

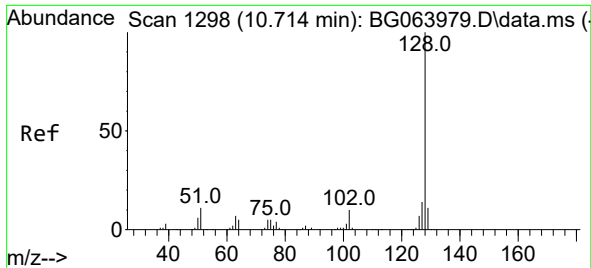
Tgt Ion:162 Resp: 27079
Ion Ratio Lower Upper
162 100
164 69.9 43.6 83.6
98 40.7 18.6 58.6



#30
1,2,4-Trichlorobenzene
Concen: 8.181 ng
RT: 10.521 min Scan# 1265
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

Tgt Ion:180 Resp: 36047
Ion Ratio Lower Upper
180 100
182 80.6 72.3 108.5
145 29.9 23.8 35.8

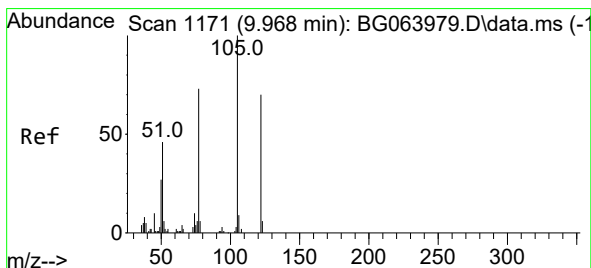
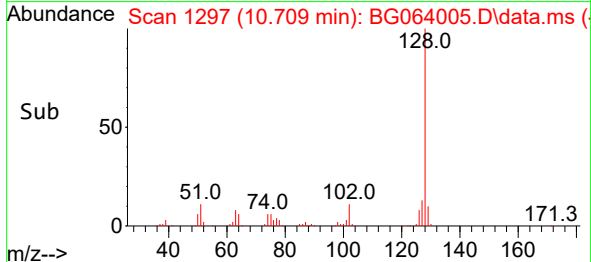
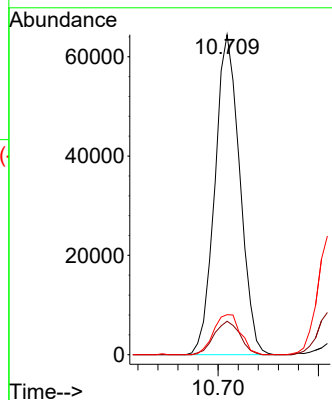
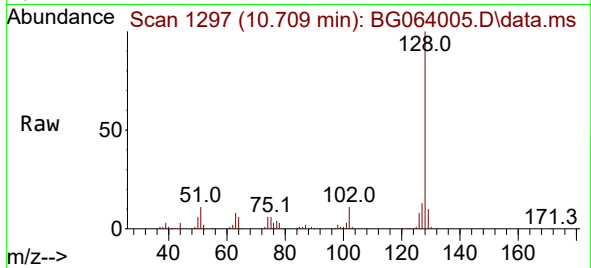




#31
Naphthalene
Concen: 7.920 ng
RT: 10.709 min Scan# 110991
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

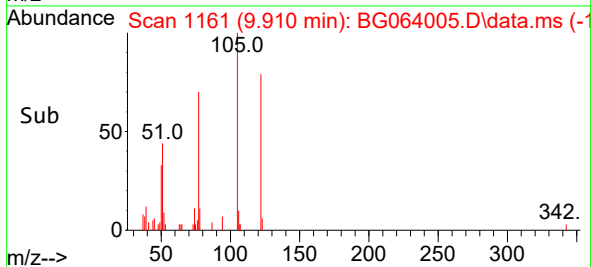
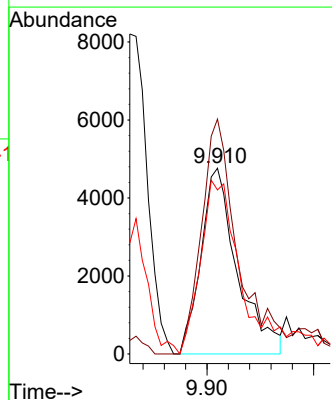
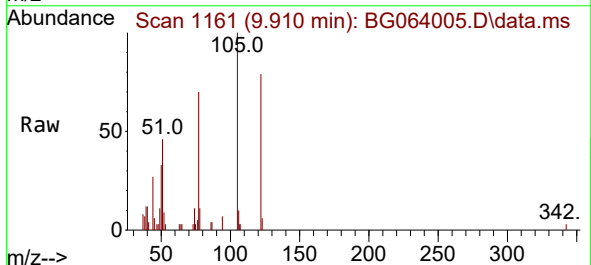
Instrument :
BNA_G
ClientSampleId :

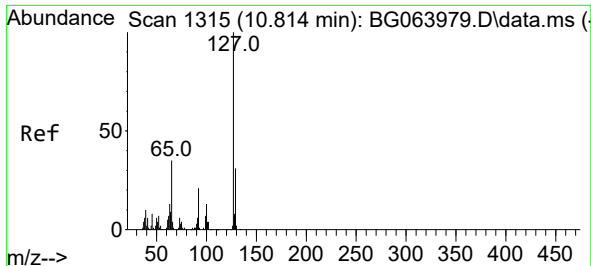
Tgt Ion:128 Resp: 110991
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 12.5 10.8 16.2



#32
Benzoic acid
Concen: 14.048 ng
RT: 9.910 min Scan# 1161
Delta R.T. -0.058 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

Tgt Ion:122 Resp: 11296
Ion Ratio Lower Upper
122 100
105 126.5 117.9 157.9
77 88.3 83.9 123.9

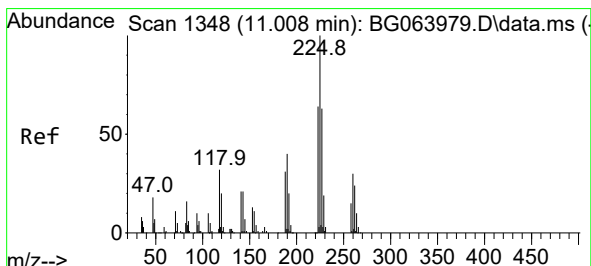
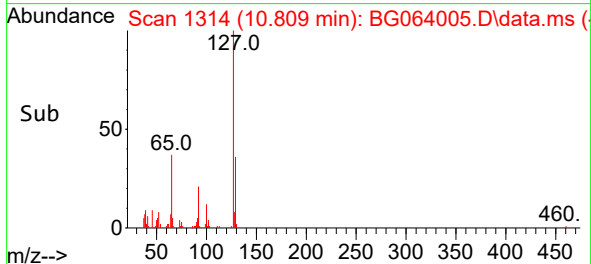
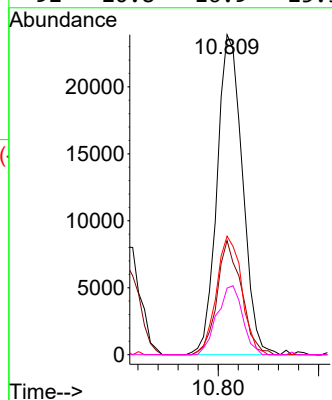
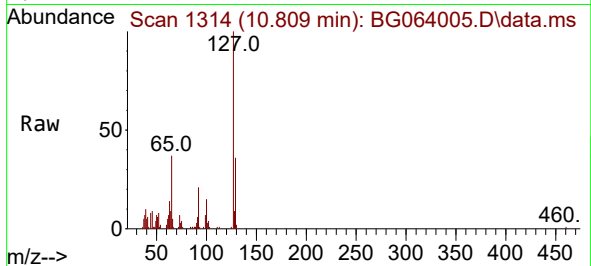




#33
4-Chloroaniline
Concen: 7.819 ng
RT: 10.809 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

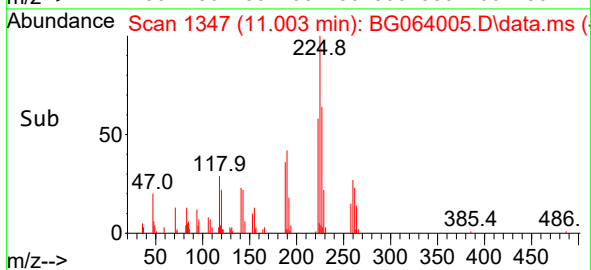
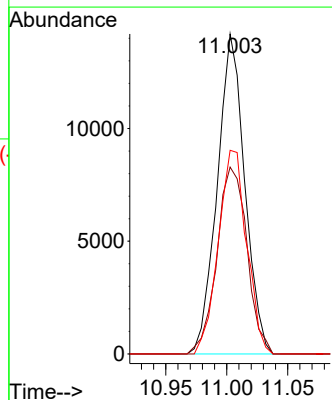
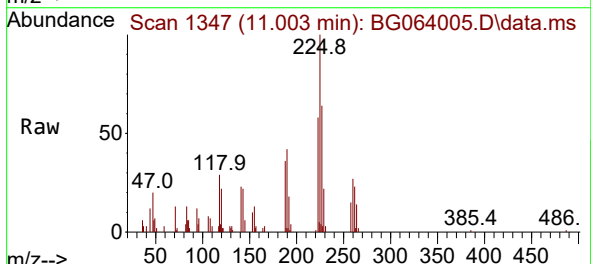
Instrument :
BNA_G
ClientSampleId :

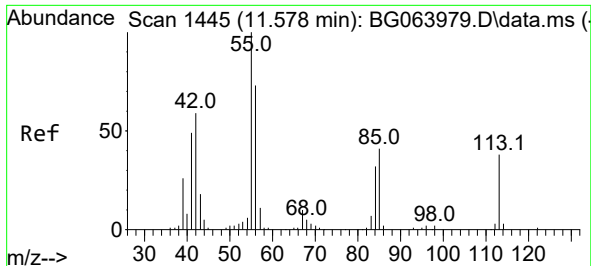
Tgt Ion:	127	Resp:	41984
Ion Ratio	Lower	Upper	
127	100		
129	35.7	24.9	37.3
65	37.1	28.2	42.4
92	20.8	16.9	25.3



#34
Hexachlorobutadiene
Concen: 7.926 ng
RT: 11.003 min Scan# 1347
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

Tgt Ion:	225	Resp:	22240
Ion Ratio	Lower	Upper	
225	100		
223	58.4	51.0	76.6
227	66.4	50.3	75.5

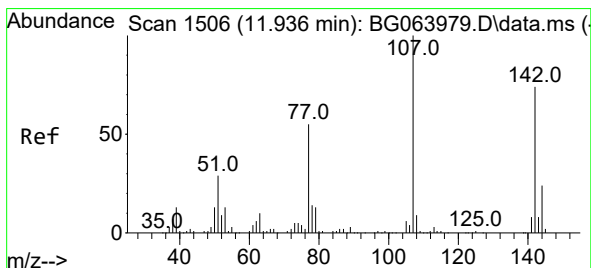
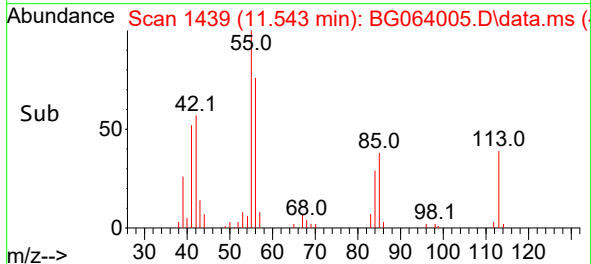
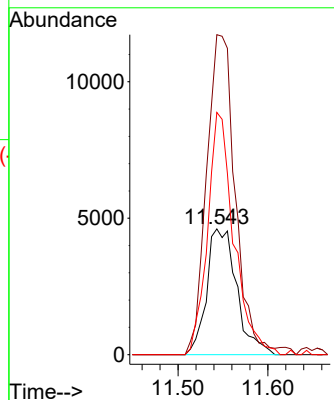
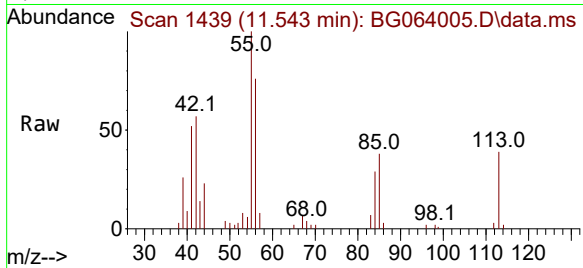




#35
 Caprolactam
 Concen: 12.244 ng
 RT: 11.543 min Scan# 14
 Delta R.T. -0.035 min
 Lab File: BG064005.D
 Acq: 5 Feb 2025 19:07

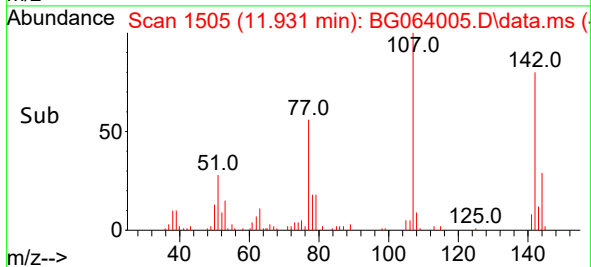
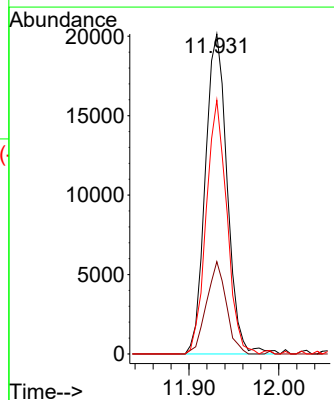
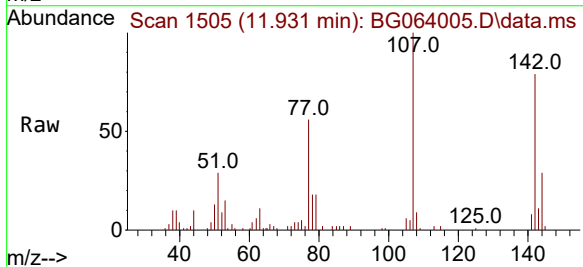
Instrument :
 BNA_G
 ClientSampleId :

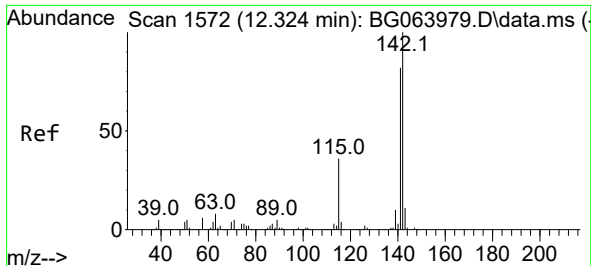
Tgt Ion:113 Resp: 10683
 Ion Ratio Lower Upper
 113 100
 55 254.4 241.8 281.8
 56 192.5 171.5 211.5



#36
 4-Chloro-3-methylphenol
 Concen: 7.931 ng
 RT: 11.931 min Scan# 1505
 Delta R.T. -0.005 min
 Lab File: BG064005.D
 Acq: 5 Feb 2025 19:07

Tgt Ion:107 Resp: 34044
 Ion Ratio Lower Upper
 107 100
 144 28.9 19.2 28.8#
 142 79.3 58.9 88.3

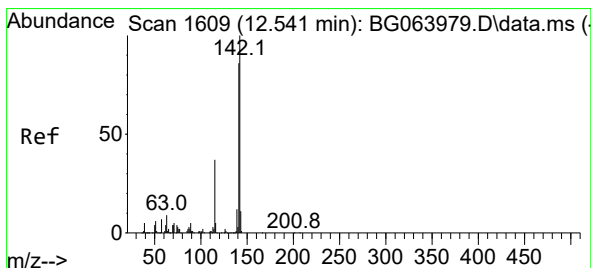
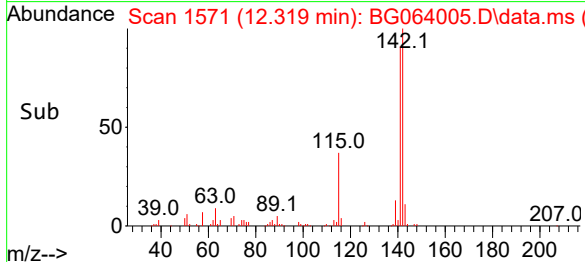
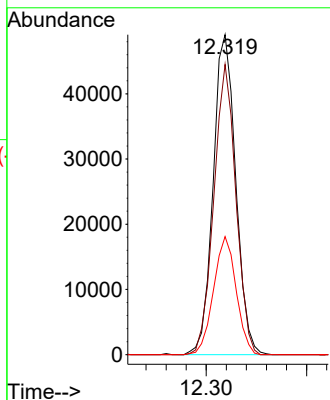
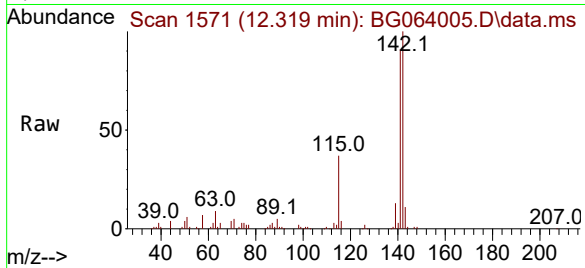




#37
2-Methylnaphthalene
Concen: 7.847 ng
RT: 12.319 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

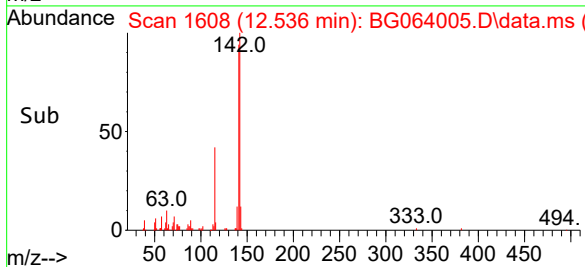
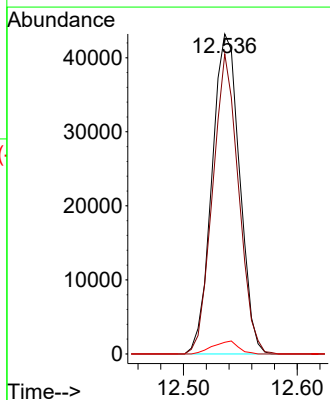
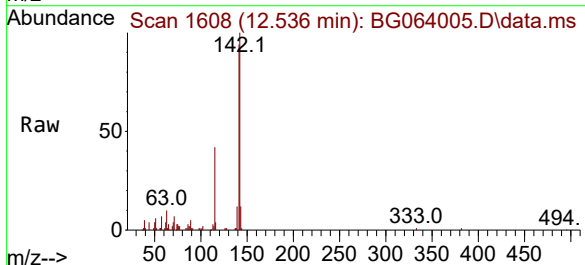
Instrument :
BNA_G
ClientSampleId :

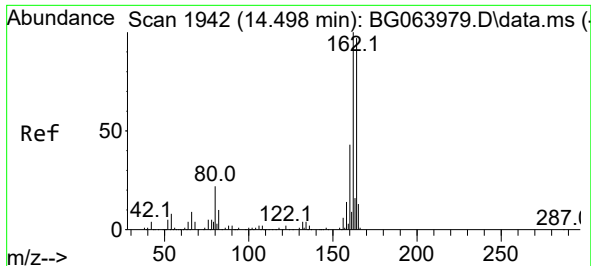
Tgt Ion:142 Resp: 76627
Ion Ratio Lower Upper
142 100
141 90.7 65.8 98.8
115 36.9 28.9 43.3



#38
1-Methylnaphthalene
Concen: 7.549 ng
RT: 12.536 min Scan# 1608
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

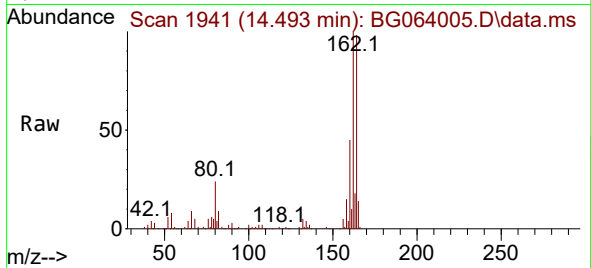
Tgt Ion:142 Resp: 72942
Ion Ratio Lower Upper
142 100
141 93.7 69.2 103.8
116 3.6 3.6 5.4



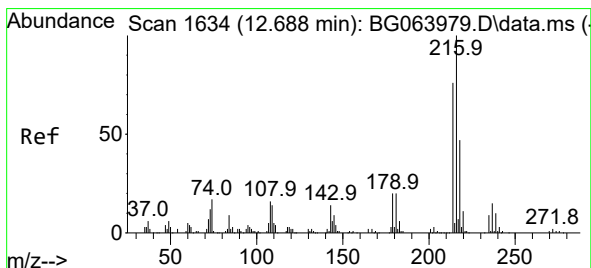
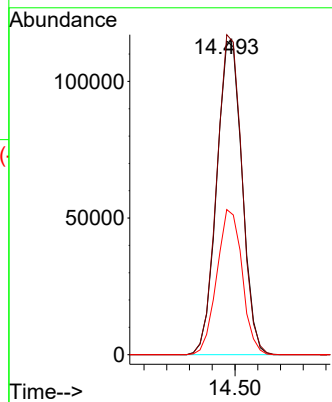
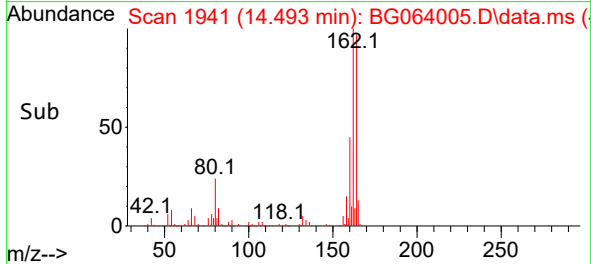


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.493 min Scan# 1941
 Delta R.T. -0.005 min
 Lab File: BG064005.D
 Acq: 5 Feb 2025 19:07

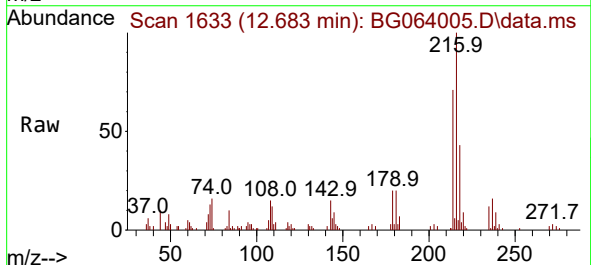
Instrument :
 BNA_G
 ClientSampleId :



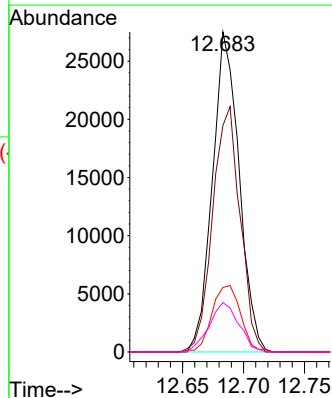
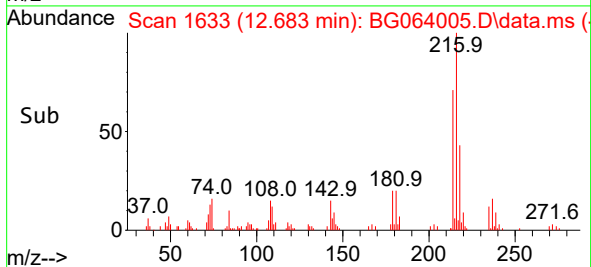
Tgt Ion:164 Resp: 177789
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.3 123.5
 160 46.3 35.4 53.0

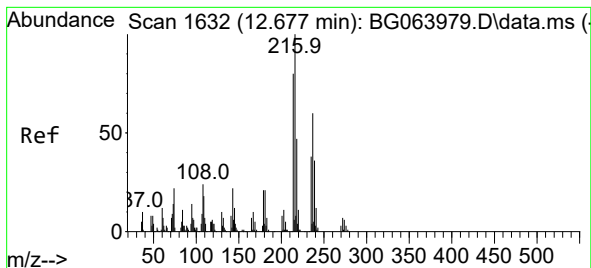


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 7.974 ng
 RT: 12.683 min Scan# 1633
 Delta R.T. -0.005 min
 Lab File: BG064005.D
 Acq: 5 Feb 2025 19:07



Tgt Ion:216 Resp: 41809
 Ion Ratio Lower Upper
 216 100
 214 78.8 62.9 94.3
 179 22.4 16.6 25.0
 108 17.1 14.2 21.4





#41

Hexachlorocyclopentadiene

Concen: 8.242 ng

RT: 12.677 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG064005.D

Acq: 5 Feb 2025 19:07

Instrument :

BNA_G

ClientSampleId :

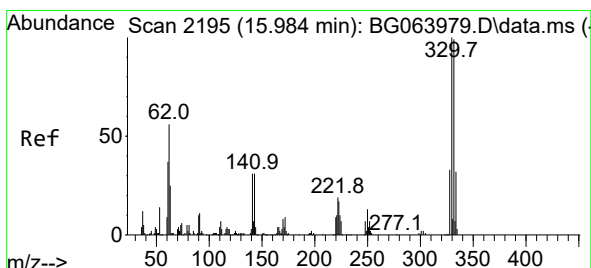
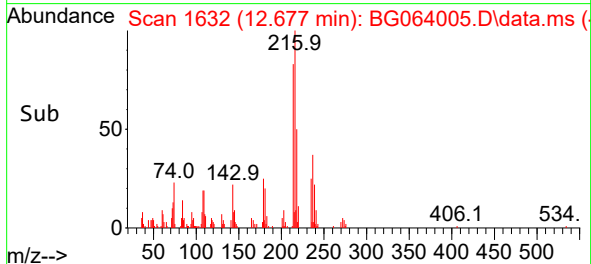
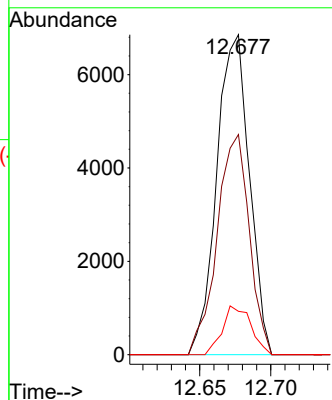
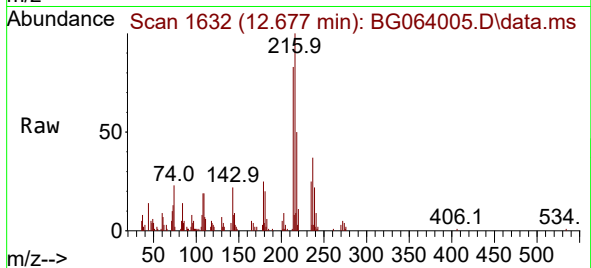
Tgt Ion:237 Resp: 10937

Ion Ratio Lower Upper

237 100

235 68.8 43.8 83.8

272 13.6 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 96.243 ng

RT: 15.979 min Scan# 2194

Delta R.T. -0.005 min

Lab File: BG064005.D

Acq: 5 Feb 2025 19:07

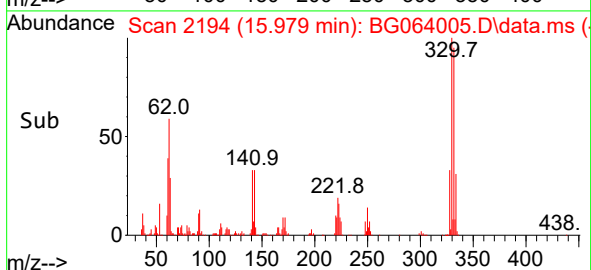
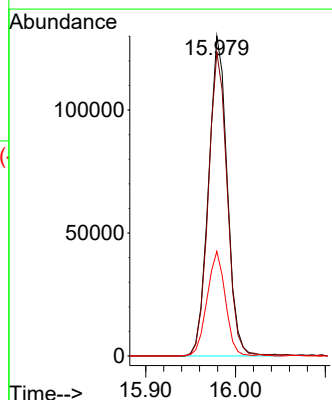
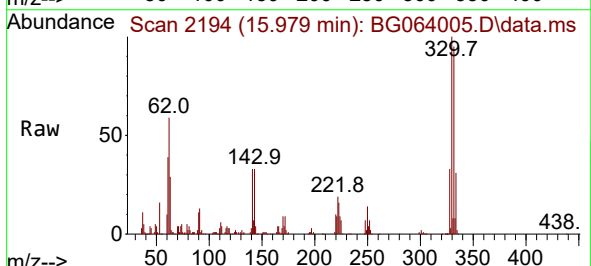
Tgt Ion:330 Resp: 188439

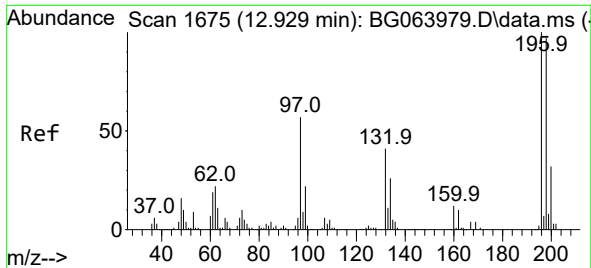
Ion Ratio Lower Upper

330 100

332 95.7 79.0 118.6

141 31.9 27.2 40.8

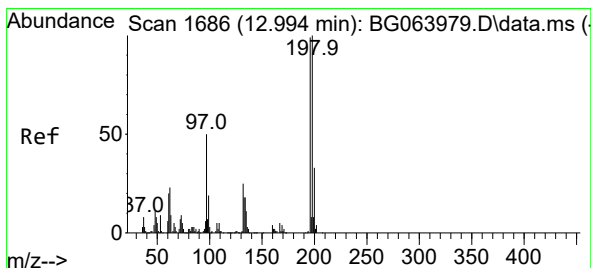
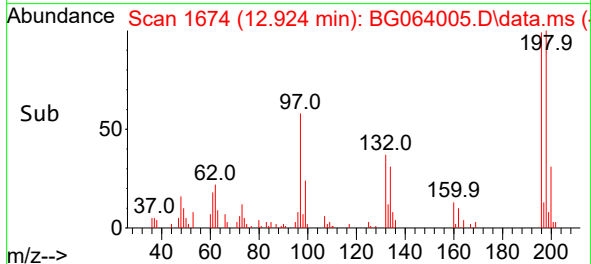
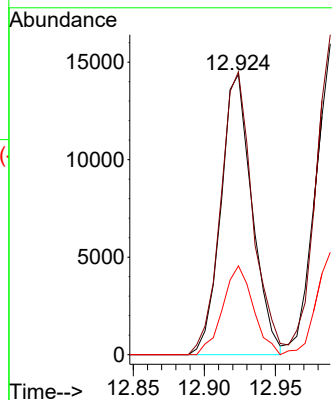
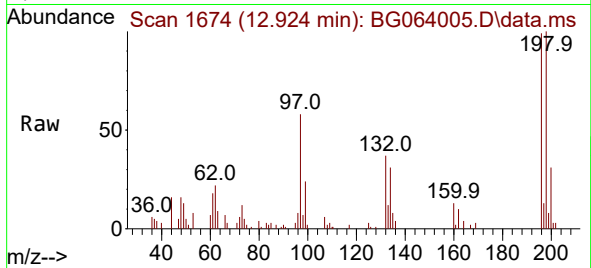




#43
2,4,6-Trichlorophenol
Concen: 11.299 ng
RT: 12.924 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

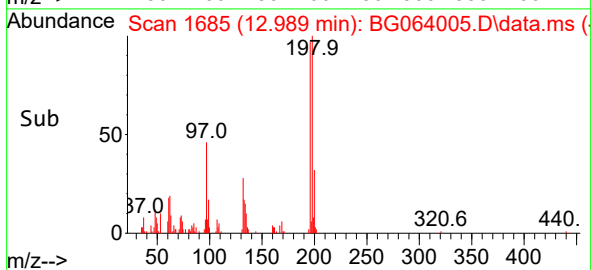
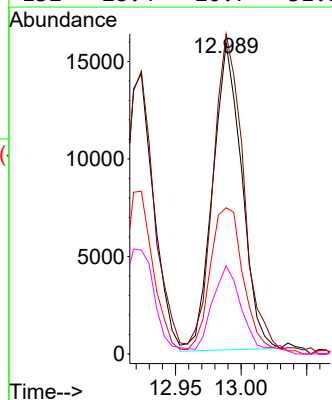
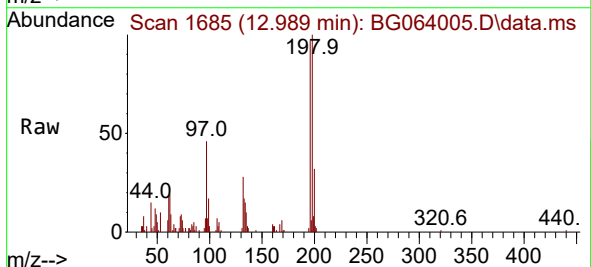
Instrument :
BNA_G
ClientSampleId :

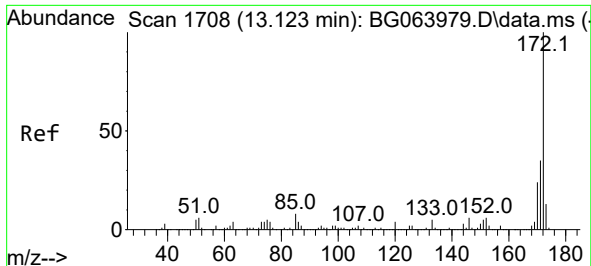
Tgt Ion:196 Resp: 21973
Ion Ratio Lower Upper
196 100
198 100.9 77.9 116.9
200 31.7 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 10.352 ng
RT: 12.989 min Scan# 1685
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

Tgt Ion:196 Resp: 24216
Ion Ratio Lower Upper
196 100
198 102.9 81.1 121.7
97 47.0 41.2 61.8
132 28.4 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 66.431 ng

RT: 13.124 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG064005.D

Acq: 5 Feb 2025 19:07

Instrument :

BNA_G

ClientSampleId :

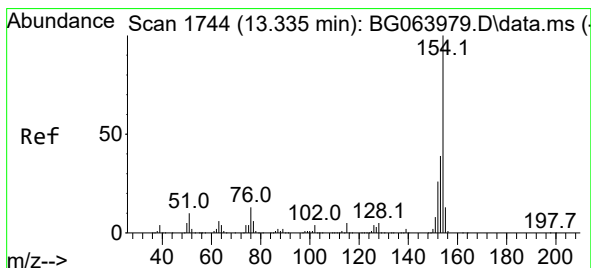
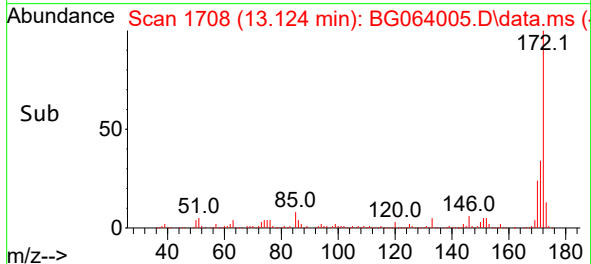
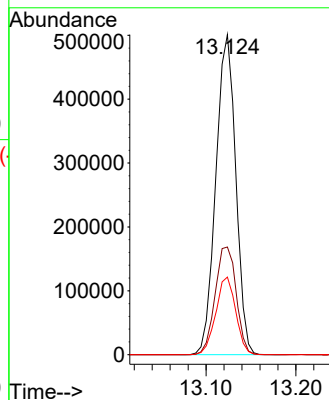
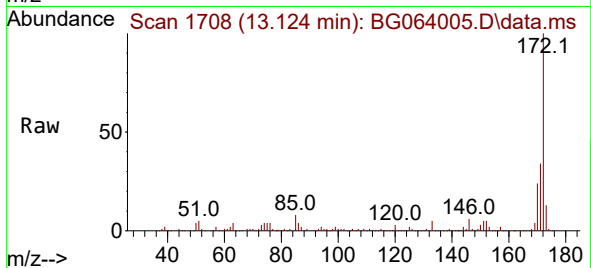
Tgt Ion:172 Resp: 770860

Ion Ratio Lower Upper

172 100

171 33.7 27.8 41.6

170 24.3 19.4 29.2



#46

1,1'-Biphenyl

Concen: 8.119 ng

RT: 13.329 min Scan# 1743

Delta R.T. -0.006 min

Lab File: BG064005.D

Acq: 5 Feb 2025 19:07

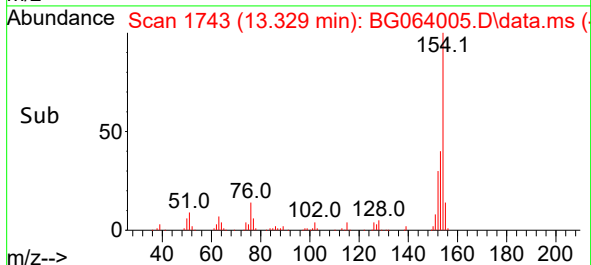
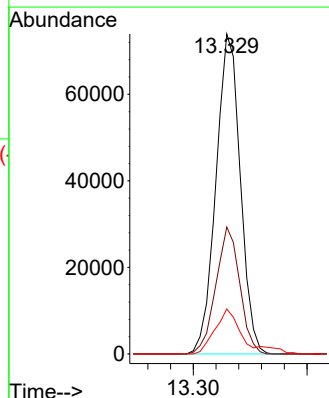
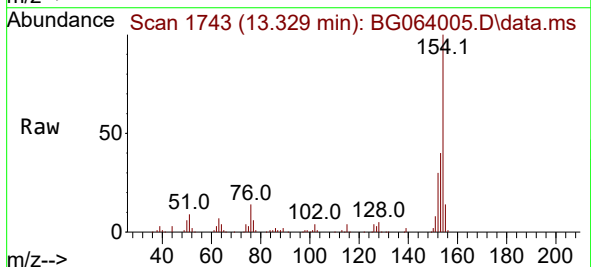
Tgt Ion:154 Resp: 109901

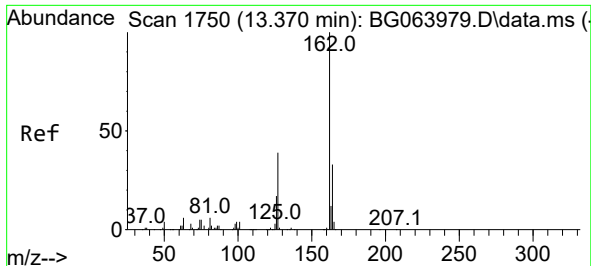
Ion Ratio Lower Upper

154 100

153 39.7 19.3 59.3

76 14.0 0.0 33.3

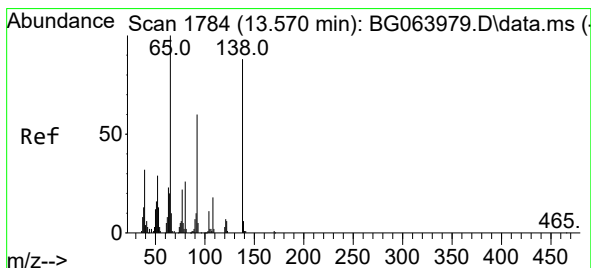
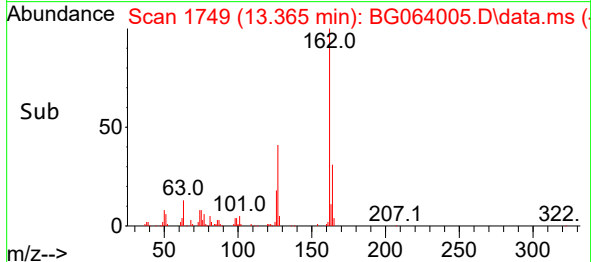
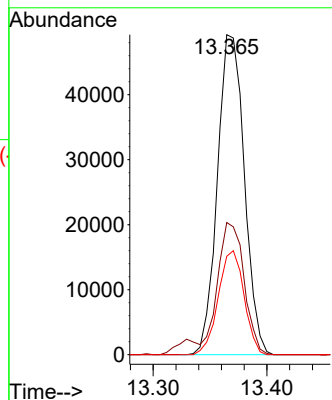
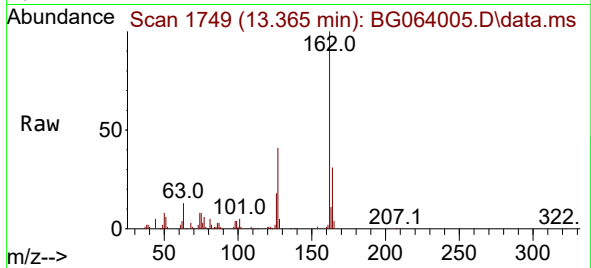




#47
2-Chloronaphthalene
Concen: 8.213 ng
RT: 13.365 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

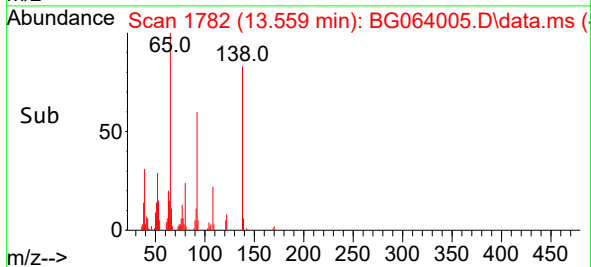
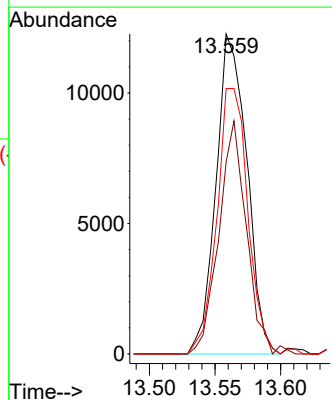
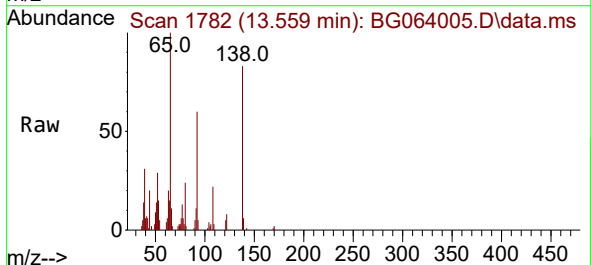
Instrument :
BNA_G
ClientSampleId :

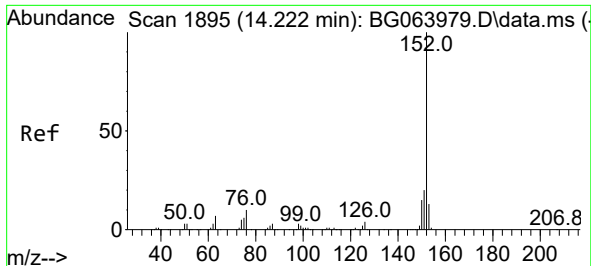
Tgt Ion:162 Resp: 81033
Ion Ratio Lower Upper
162 100
127 41.3 33.4 50.2
164 30.7 26.0 39.0



#48
2-Nitroaniline
Concen: 12.511 ng
RT: 13.559 min Scan# 1782
Delta R.T. -0.011 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

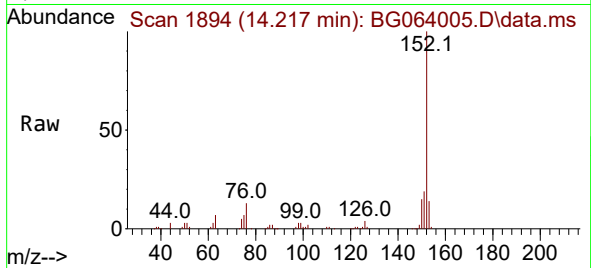
Tgt Ion: 65 Resp: 19998
Ion Ratio Lower Upper
65 100
92 59.9 47.6 71.4
138 83.0 70.6 106.0



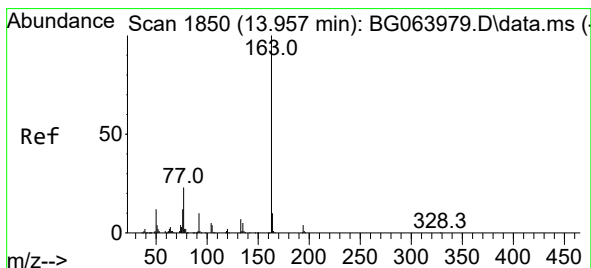
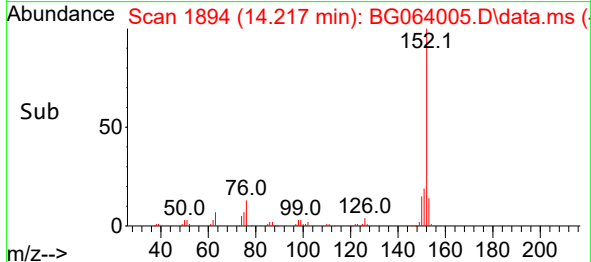
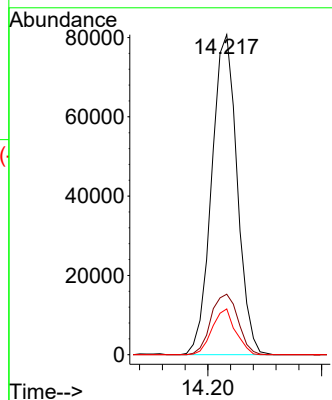


#49
Acenaphthylene
Concen: 8.196 ng
RT: 14.217 min Scan# 1894
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

Instrument :
BNA_G
ClientSampleId :

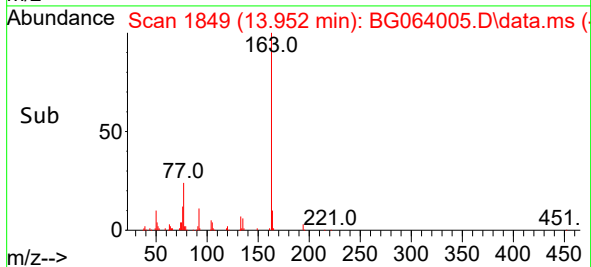
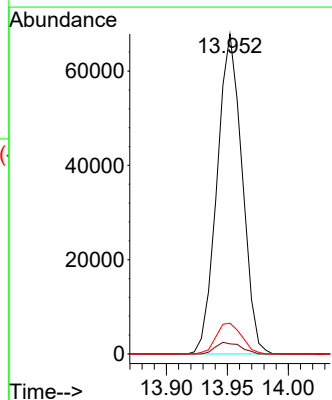
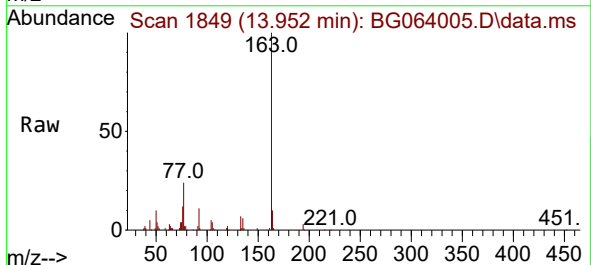


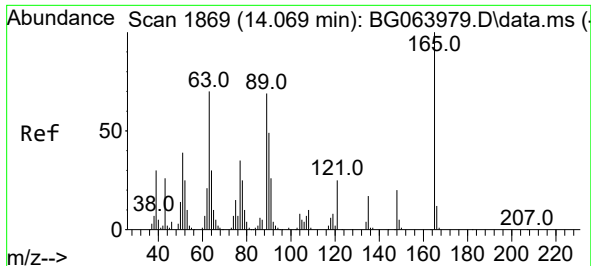
Tgt Ion:152 Resp: 125608
Ion Ratio Lower Upper
152 100
151 18.9 15.9 23.9
153 14.3 10.3 15.5



#50
Dimethylphthalate
Concen: 8.228 ng
RT: 13.952 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

Tgt Ion:163 Resp: 96989
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 9.6 8.0 12.0

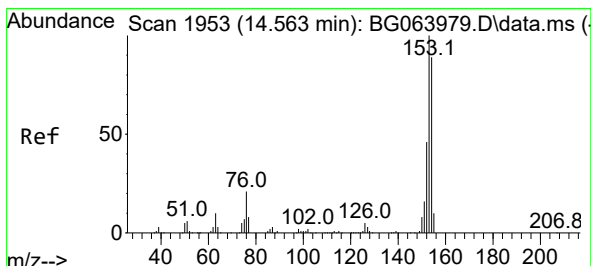
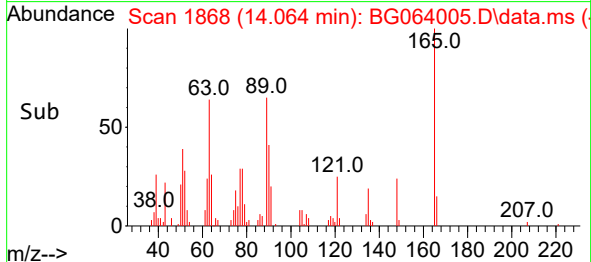
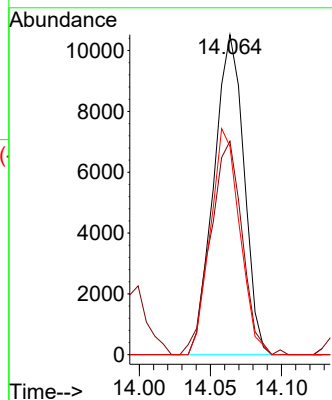
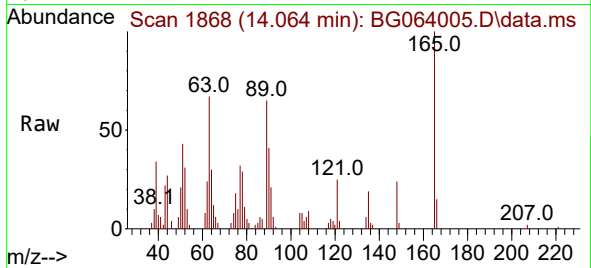




#51
2,6-Dinitrotoluene
Concen: 11.579 ng
RT: 14.064 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

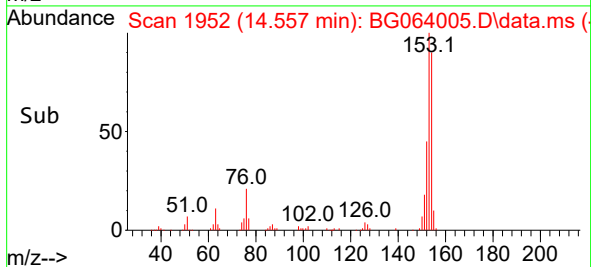
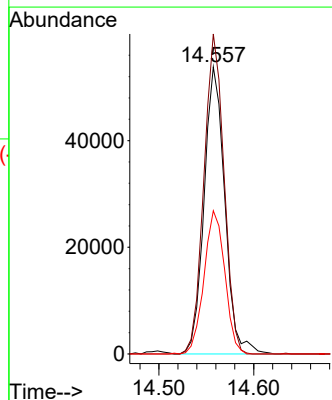
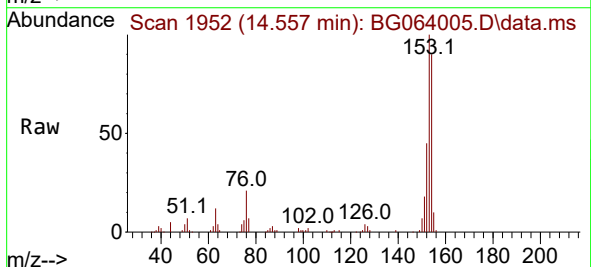
Instrument :
BNA_G
ClientSampleId :

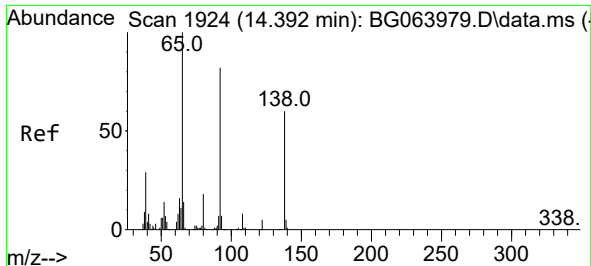
Tgt Ion:165 Resp: 15501
Ion Ratio Lower Upper
165 100
63 66.7 57.7 86.5
89 65.1 55.6 83.4



#52
Acenaphthene
Concen: 7.946 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

Tgt Ion:154 Resp: 81686
Ion Ratio Lower Upper
154 100
153 111.5 90.2 135.2
152 49.9 41.1 61.7

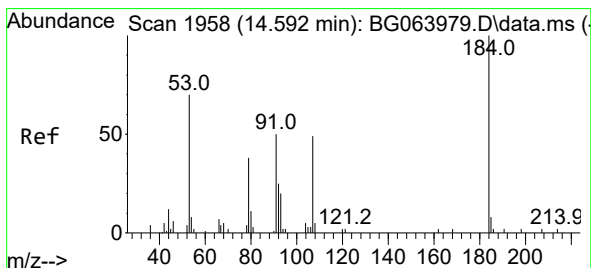
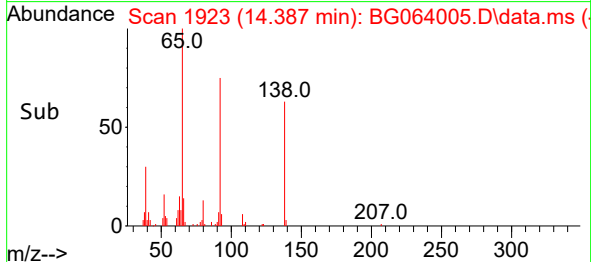
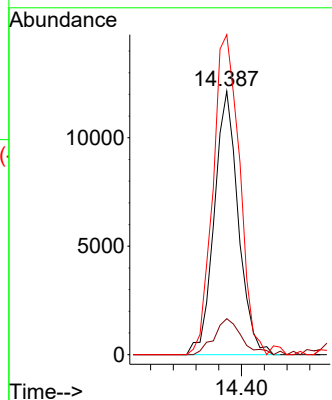
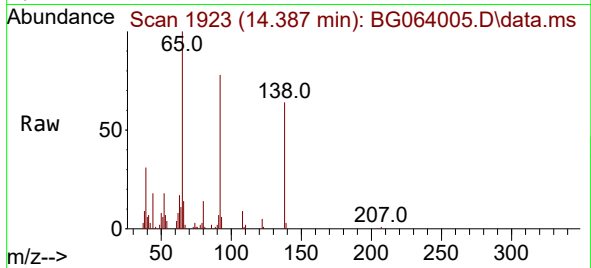




#53
3-Nitroaniline
Concen: 11.407 ng
RT: 14.387 min Scan# 1923
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

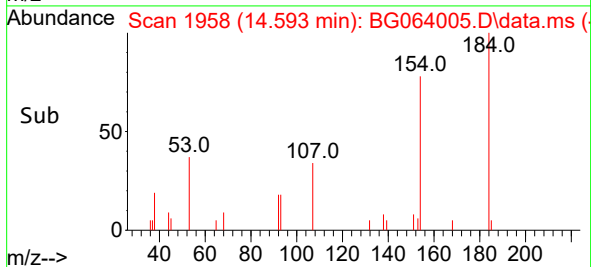
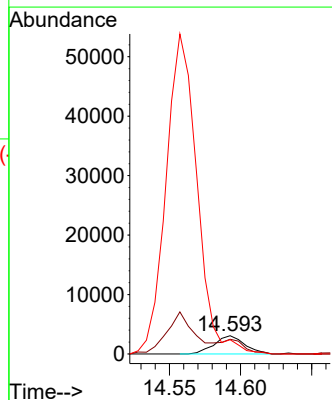
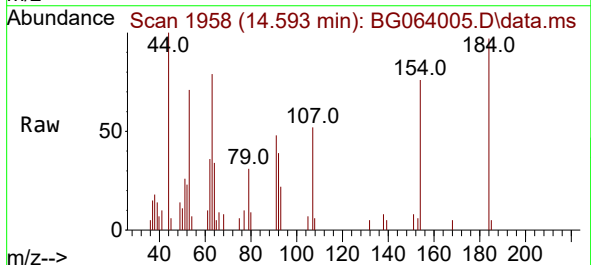
Instrument :
BNA_G
ClientSampleId :

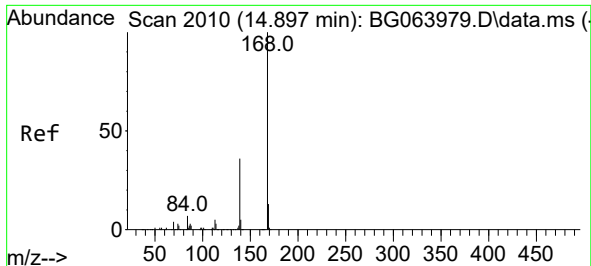
Tgt Ion:138 Resp: 17854
Ion Ratio Lower Upper
138 100
108 13.7 10.3 15.5
92 121.5 109.0 163.4



#54
2,4-Dinitrophenol
Concen: 14.847 ng
RT: 14.593 min Scan# 1958
Delta R.T. 0.001 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

Tgt Ion:184 Resp: 4556
Ion Ratio Lower Upper
184 100
63 80.7 67.3 100.9
154 78.3 65.9 98.9

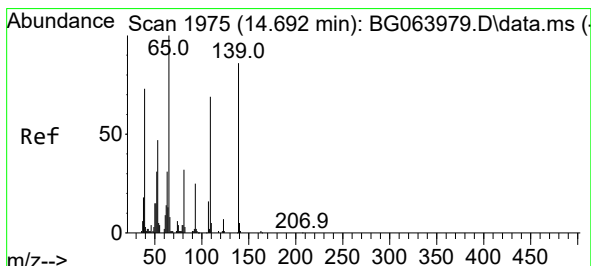
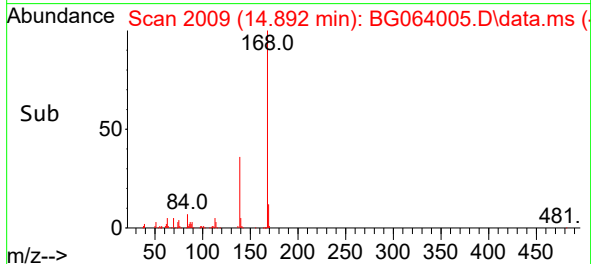
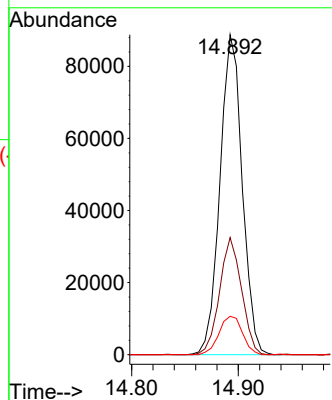
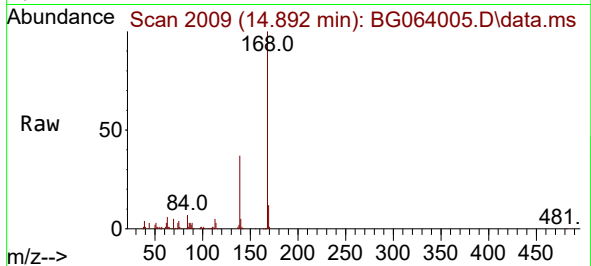




#55
Dibenzofuran
Concen: 7.702 ng
RT: 14.892 min Scan# 2010
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

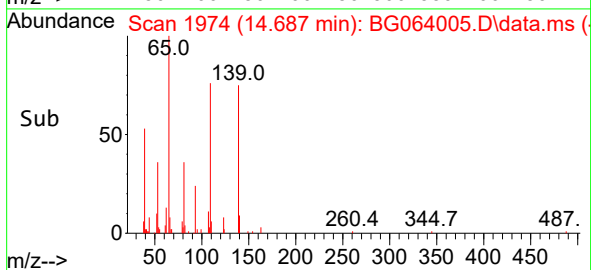
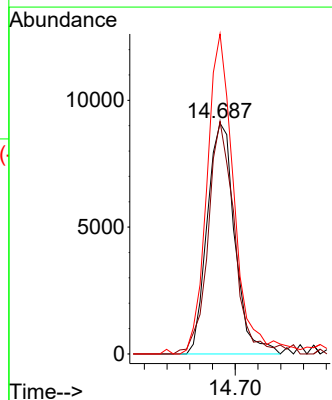
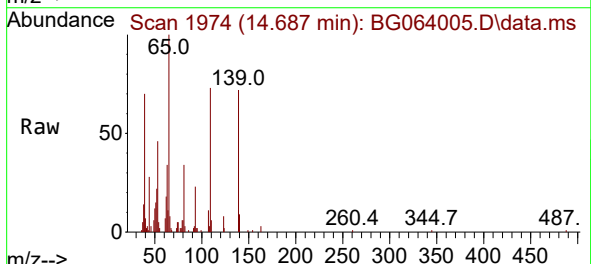
Instrument :
BNA_G
ClientSampleId :

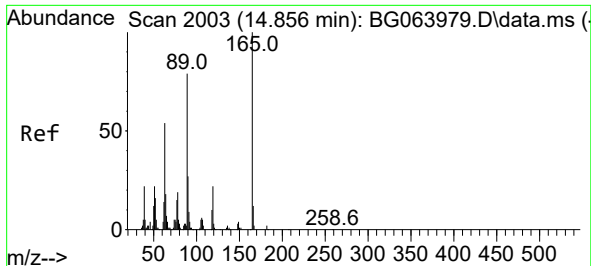
Tgt Ion:168 Resp: 128561
Ion Ratio Lower Upper
168 100
139 36.6 28.6 43.0
169 12.0 10.6 16.0



#56
4-Nitrophenol
Concen: 14.441 ng
RT: 14.687 min Scan# 1974
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

Tgt Ion:139 Resp: 15308
Ion Ratio Lower Upper
139 100
109 100.9 60.1 100.1#
65 138.7 96.2 136.2#





#57

2,4-Dinitrotoluene

Concen: 11.991 ng

RT: 14.845 min Scan# 2001

Delta R.T. -0.011 min

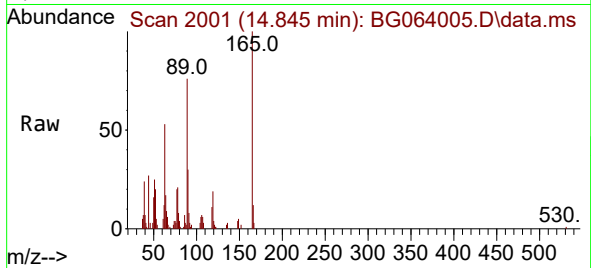
Lab File: BG064005.D

Acq: 5 Feb 2025 19:07

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 19949

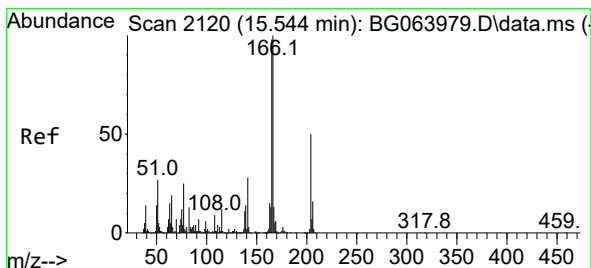
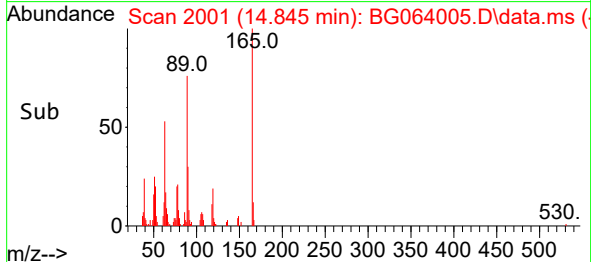
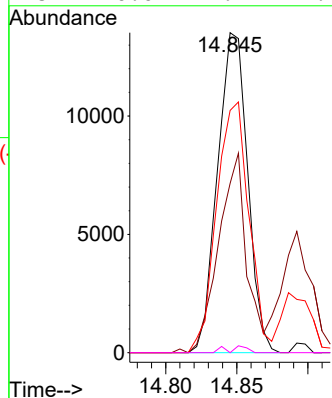
Ion Ratio Lower Upper

165 100

63 52.9 43.6 65.4

89 75.7 63.1 94.7

182 0.0 1.4 2.0#



#58

Fluorene

Concen: 7.939 ng

RT: 15.544 min Scan# 2120

Delta R.T. 0.001 min

Lab File: BG064005.D

Acq: 5 Feb 2025 19:07

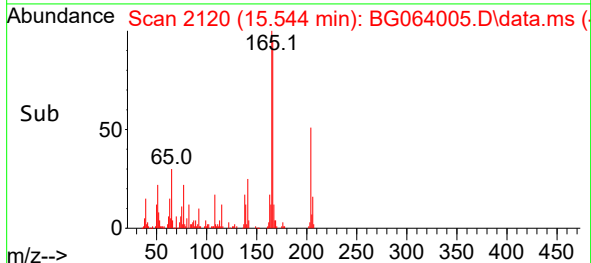
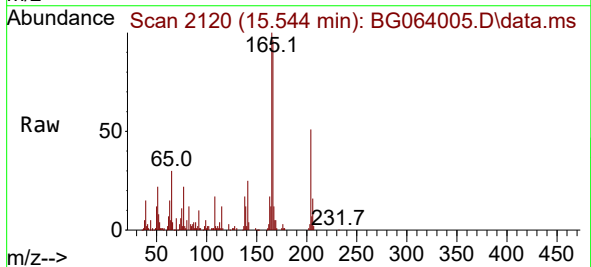
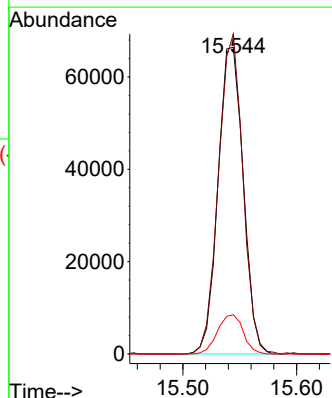
Tgt Ion:166 Resp: 102418

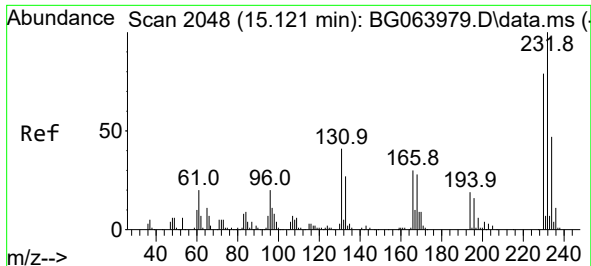
Ion Ratio Lower Upper

166 100

165 104.3 78.7 118.1

167 12.8 10.1 15.1

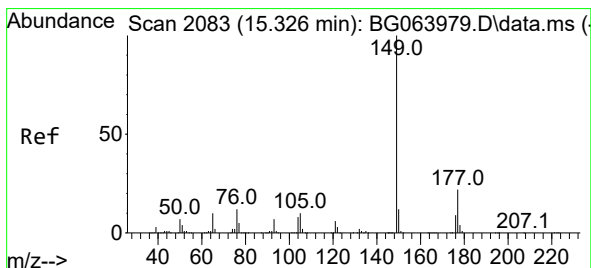
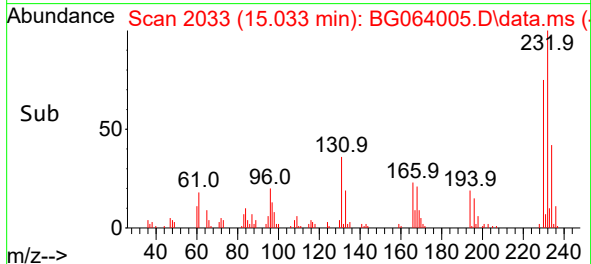
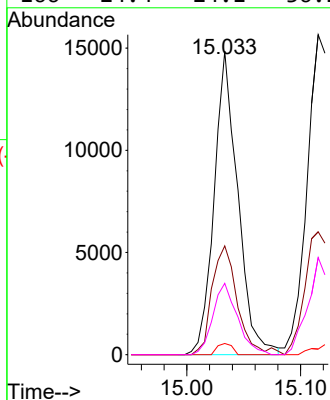
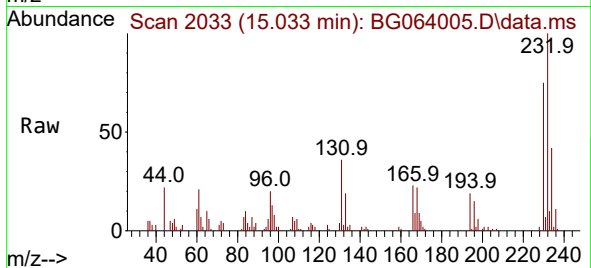




#59
2,3,4,6-Tetrachlorophenol
Concen: 10.948 ng
RT: 15.033 min Scan# 2048
Delta R.T. -0.088 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

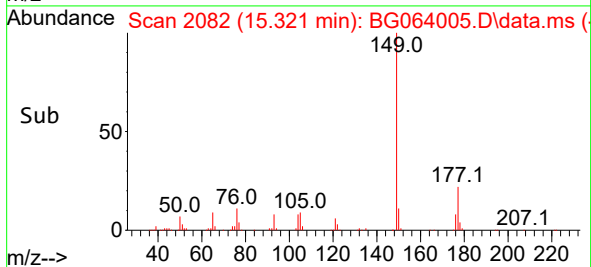
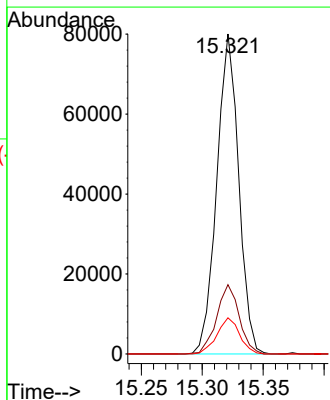
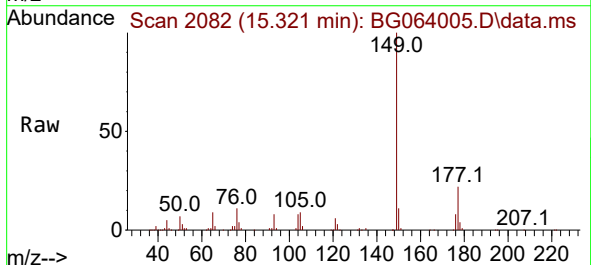
Instrument :
BNA_G
ClientSampleId :

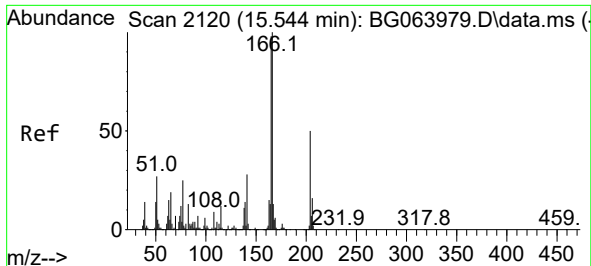
Tgt Ion:232 Resp: 21537
Ion Ratio Lower Upper
232 100
131 38.3 34.0 51.0
130 2.3 2.2 3.4
166 24.4 24.1 36.1



#60
Diethylphthalate
Concen: 8.005 ng
RT: 15.321 min Scan# 2082
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

Tgt Ion:149 Resp: 100045
Ion Ratio Lower Upper
149 100
177 21.7 18.0 27.0
150 11.3 9.7 14.5

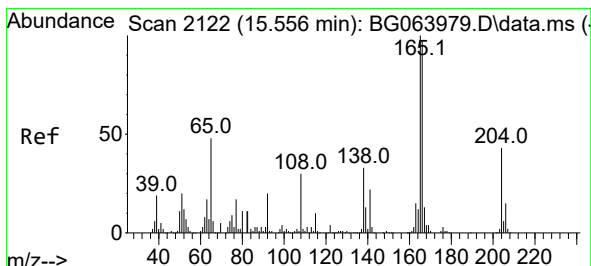
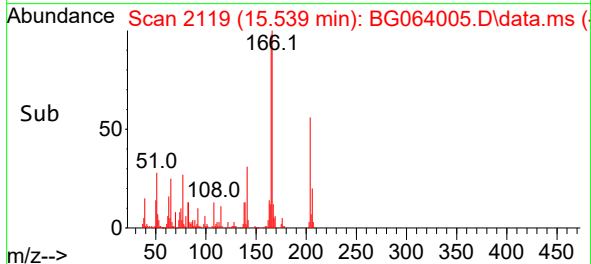
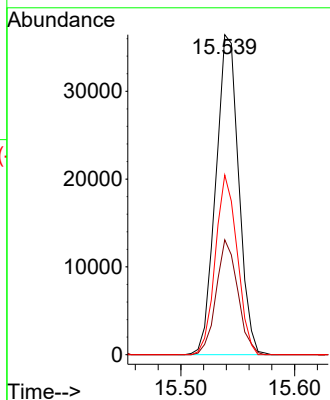
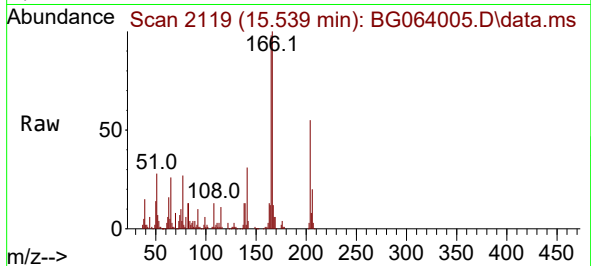




#61
4-Chlorophenyl-phenylether
Concen: 7.892 ng
RT: 15.539 min Scan# 2119
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

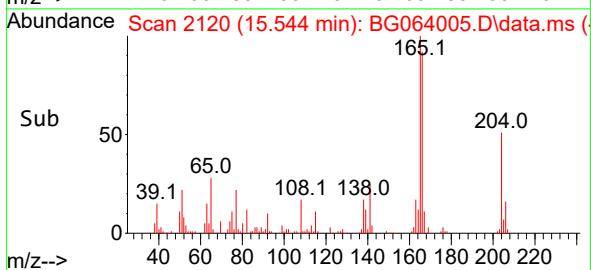
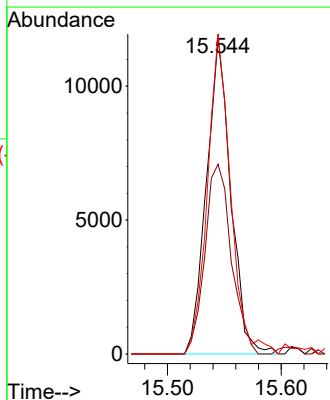
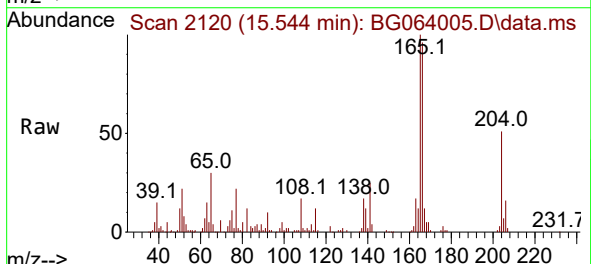
Instrument :
BNA_G
ClientSampleId :

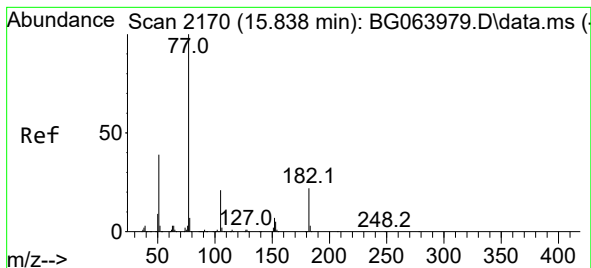
Tgt Ion:204 Resp: 51085
Ion Ratio Lower Upper
204 100
206 35.9 25.8 38.6
141 56.2 44.6 67.0



#62
4-Nitroaniline
Concen: 9.686 ng
RT: 15.544 min Scan# 2120
Delta R.T. -0.012 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

Tgt Ion:138 Resp: 17471
Ion Ratio Lower Upper
138 100
92 60.0 40.3 80.3
108 101.1 69.3 109.3





#63

Azobenzene

Concen: 7.461 ng

RT: 15.832 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG064005.D

Acq: 5 Feb 2025 19:07

Instrument :

BNA_G

ClientSampleId :

Tgt Ion: 77 Resp: 110133

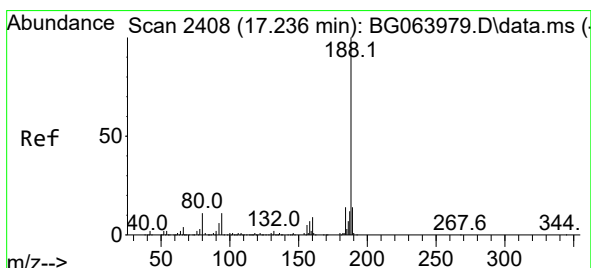
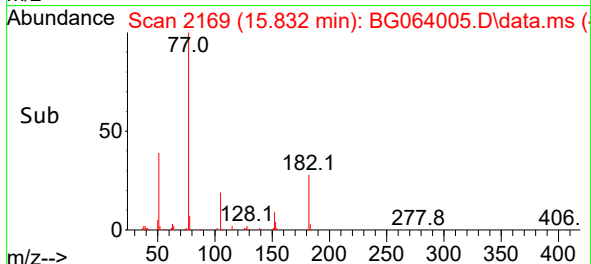
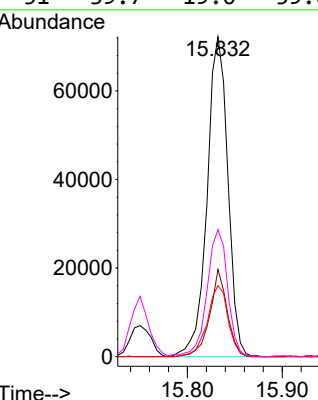
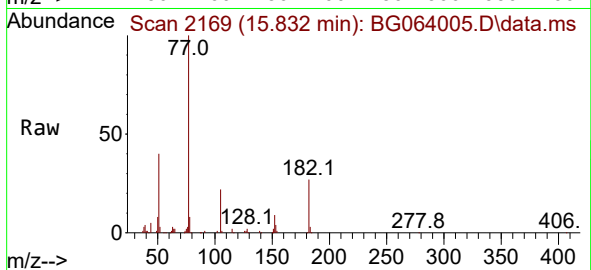
Ion Ratio Lower Upper

77 100

182 27.2 2.3 42.3

105 22.2 1.0 41.0

51 39.7 19.0 59.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.237 min Scan# 2408

Delta R.T. 0.001 min

Lab File: BG064005.D

Acq: 5 Feb 2025 19:07

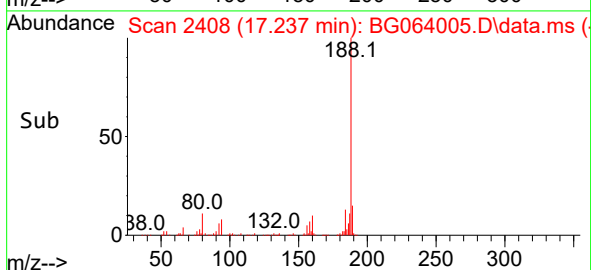
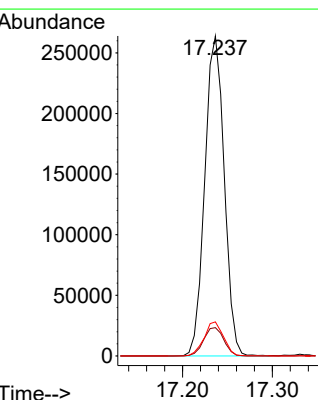
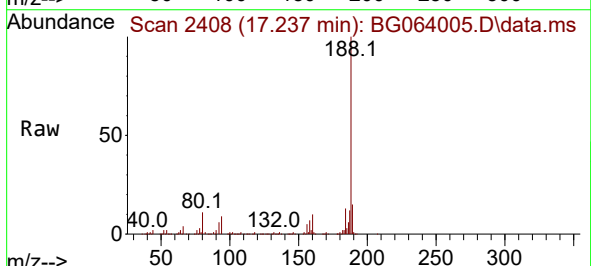
Tgt Ion:188 Resp: 396931

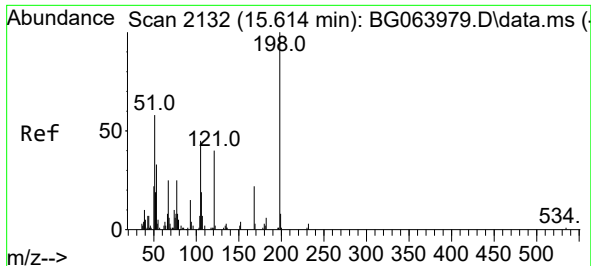
Ion Ratio Lower Upper

188 100

94 8.9 8.6 13.0

80 10.7 8.5 12.7

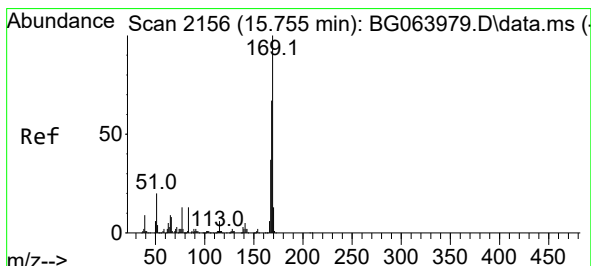
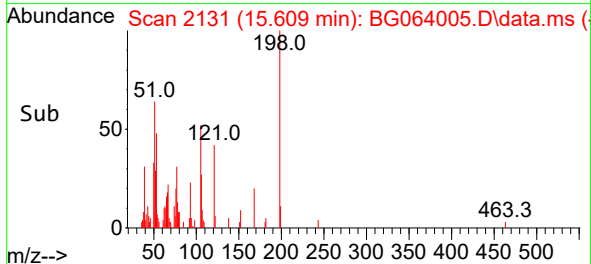
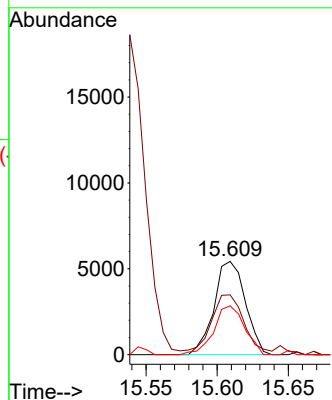
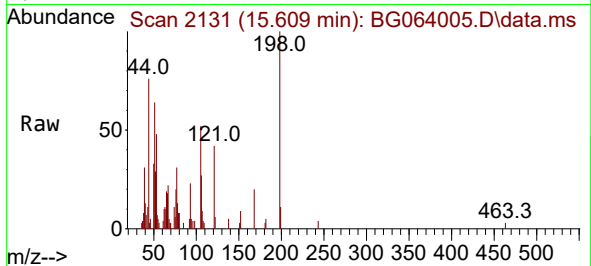




#65
4,6-Dinitro-2-methylphenol
Concen: 15.370 ng
RT: 15.609 min Scan# 2132
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

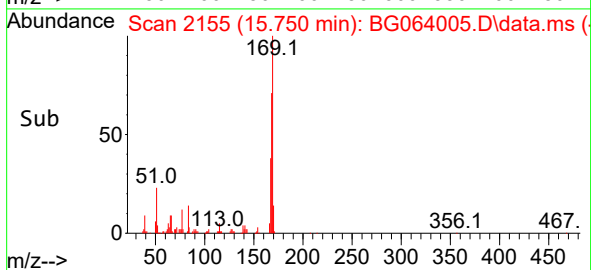
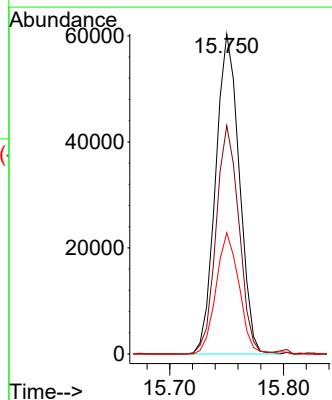
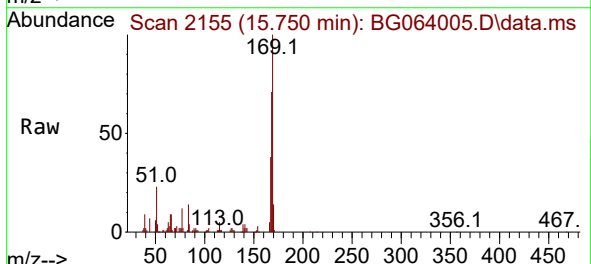
Instrument :
BNA_G
ClientSampleId :

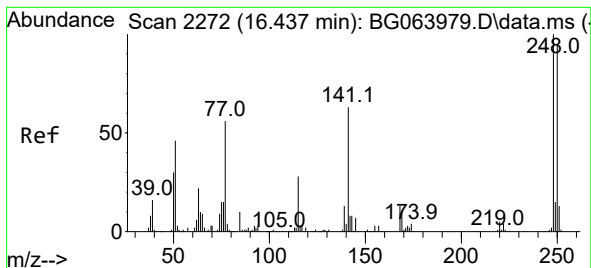
Tgt Ion:198 Resp: 8325
Ion Ratio Lower Upper
198 100
51 64.1 45.4 85.4
105 52.4 27.7 67.7



#66
n-Nitrosodiphenylamine
Concen: 7.934 ng
RT: 15.750 min Scan# 2155
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

Tgt Ion:169 Resp: 87316
Ion Ratio Lower Upper
169 100
168 71.3 53.5 80.3
167 37.8 30.0 45.0

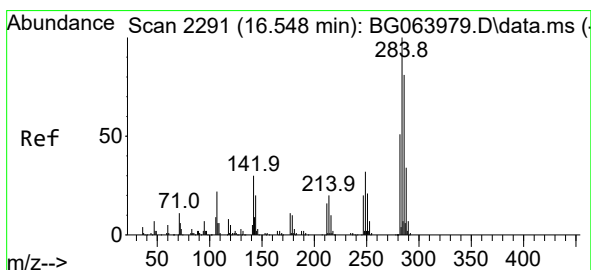
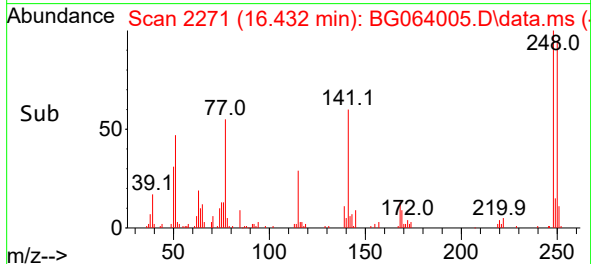
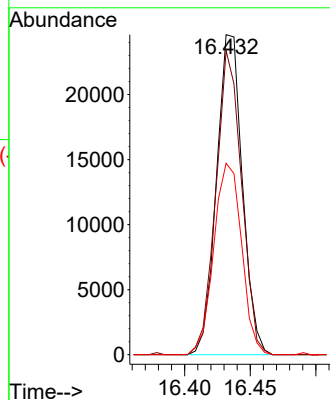
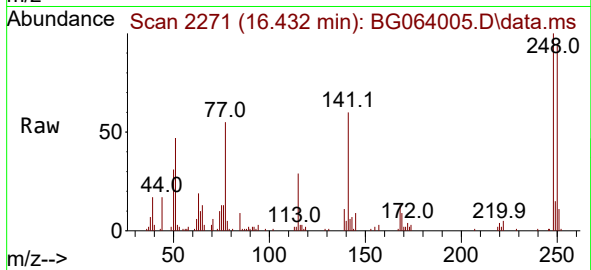




#67
 4-Bromophenyl-phenylether
 Concen: 8.534 ng
 RT: 16.432 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG064005.D
 Acq: 5 Feb 2025 19:07

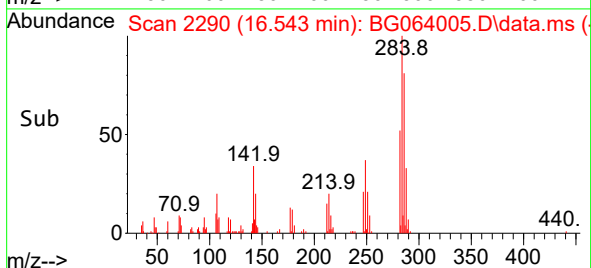
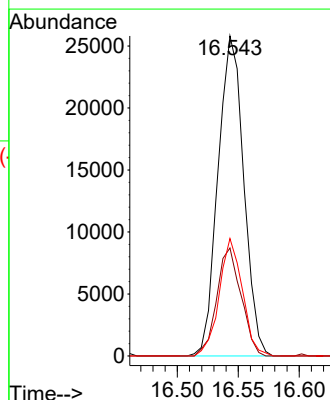
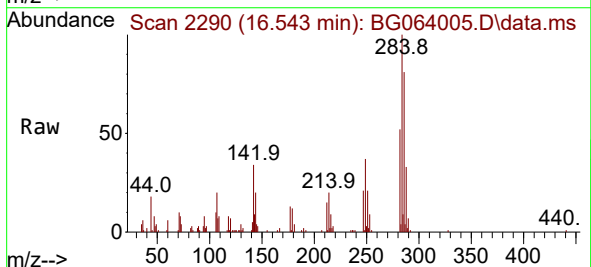
Instrument :
 BNA_G
 ClientSampleId :

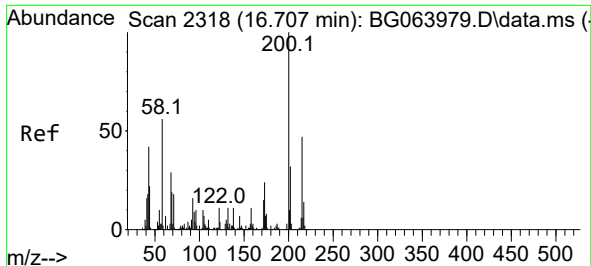
Tgt Ion:248 Resp: 33717
 Ion Ratio Lower Upper
 248 100
 250 95.0 76.2 114.4
 141 59.8 50.6 75.8



#68
 Hexachlorobenzene
 Concen: 8.160 ng
 RT: 16.543 min Scan# 2290
 Delta R.T. -0.005 min
 Lab File: BG064005.D
 Acq: 5 Feb 2025 19:07

Tgt Ion:284 Resp: 37903
 Ion Ratio Lower Upper
 284 100
 142 33.8 23.8 35.8
 249 36.7 25.9 38.9

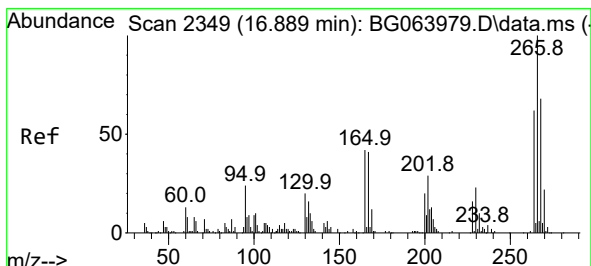
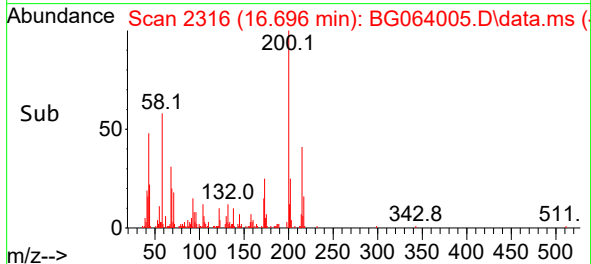
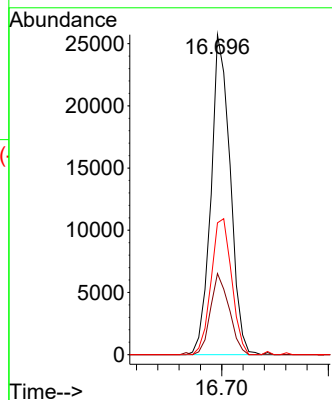
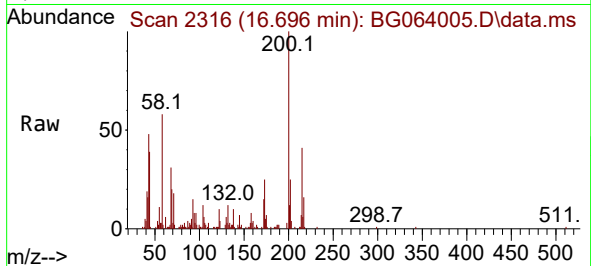




#69
 Atrazine
 Concen: 8.776 ng
 RT: 16.696 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG064005.D
 Acq: 5 Feb 2025 19:07

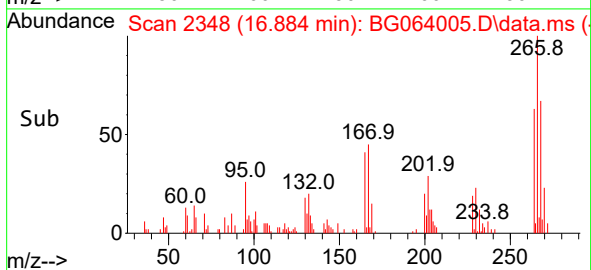
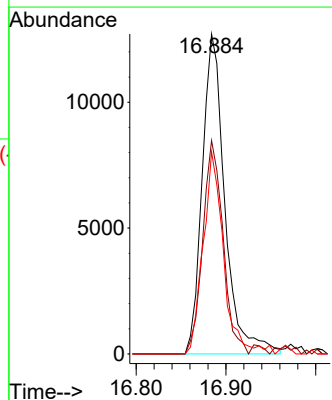
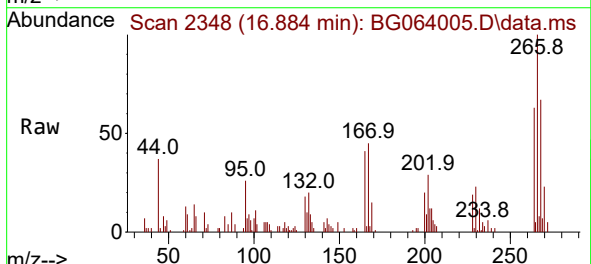
Instrument :
 BNA_G
 ClientSampleId :

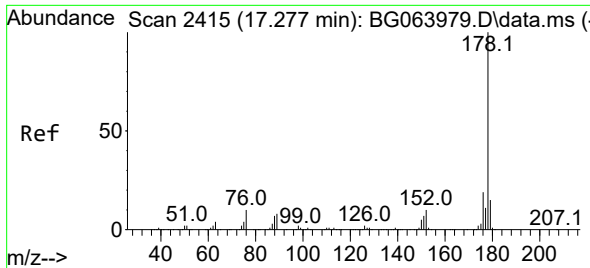
Tgt Ion:200 Resp: 32140
 Ion Ratio Lower Upper
 200 100
 173 25.4 3.8 43.8
 215 41.2 26.6 66.6



#70
 Pentachlorophenol
 Concen: 15.226 ng
 RT: 16.884 min Scan# 2348
 Delta R.T. -0.005 min
 Lab File: BG064005.D
 Acq: 5 Feb 2025 19:07

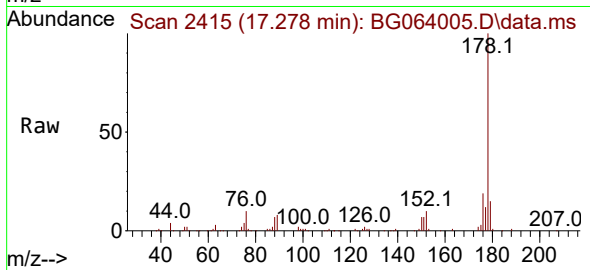
Tgt Ion:266 Resp: 22253
 Ion Ratio Lower Upper
 266 100
 268 73.7 54.8 82.2
 264 68.1 50.0 75.0



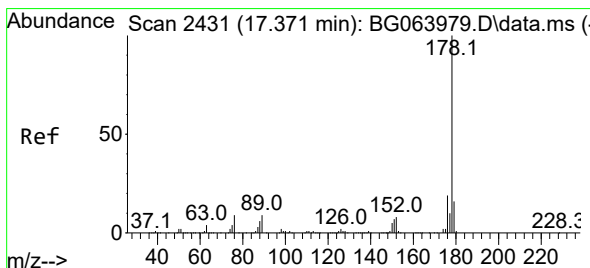
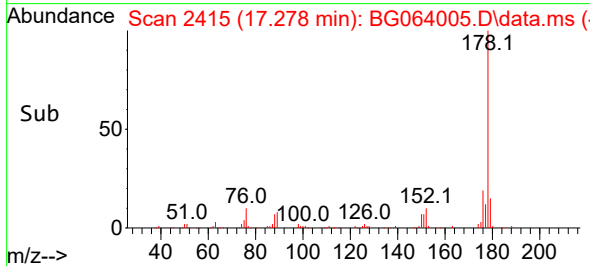
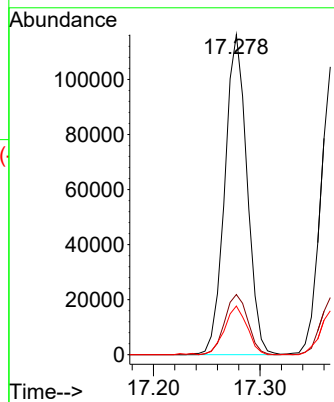


#71
Phenanthrene
Concen: 8.075 ng
RT: 17.278 min Scan# 2415
Delta R.T. 0.001 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

Instrument :
BNA_G
ClientSampleId :

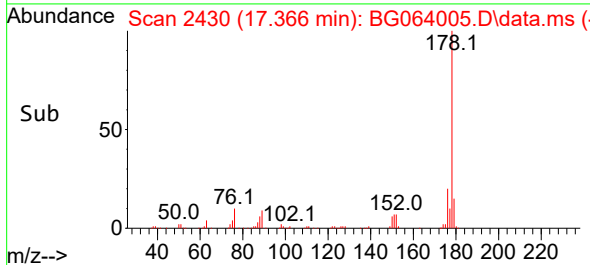
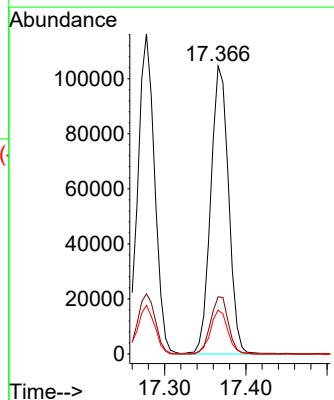
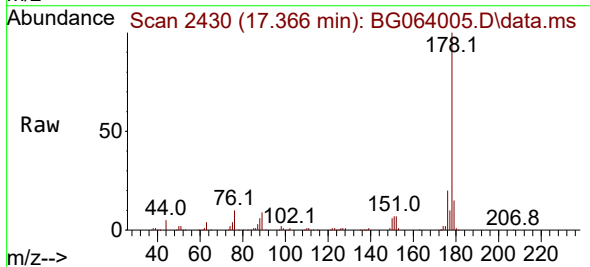


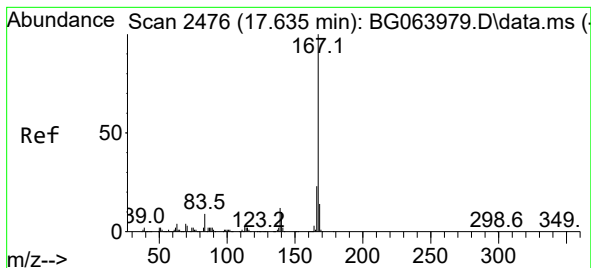
Tgt Ion:178 Resp: 168349
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 15.2 12.2 18.4



#72
Anthracene
Concen: 7.661 ng
RT: 17.366 min Scan# 2430
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

Tgt Ion:178 Resp: 159806
Ion Ratio Lower Upper
178 100
176 19.8 15.0 22.4
179 15.2 12.8 19.2





#73

Carbazole

Concen: 7.677 ng

RT: 17.636 min Scan# 2476

Delta R.T. 0.001 min

Lab File: BG064005.D

Acq: 5 Feb 2025 19:07

Instrument :

BNA_G

ClientSampleId :

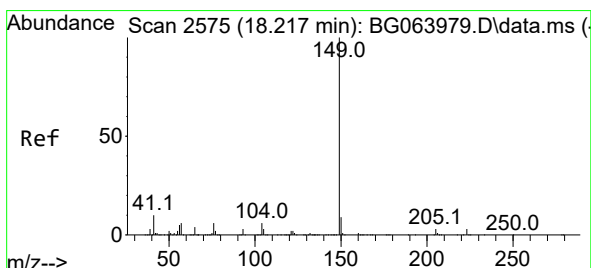
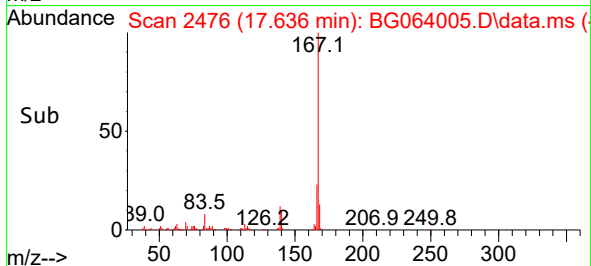
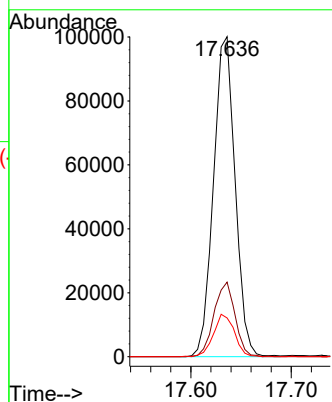
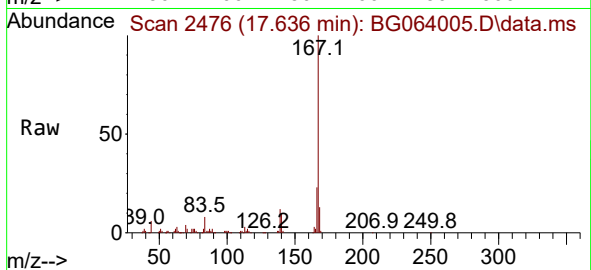
Tgt Ion:167 Resp: 149925

Ion Ratio Lower Upper

167 100

166 23.3 18.6 28.0

139 12.1 9.8 14.8



#74

Di-n-butylphthalate

Concen: 8.118 ng

RT: 18.212 min Scan# 2574

Delta R.T. -0.005 min

Lab File: BG064005.D

Acq: 5 Feb 2025 19:07

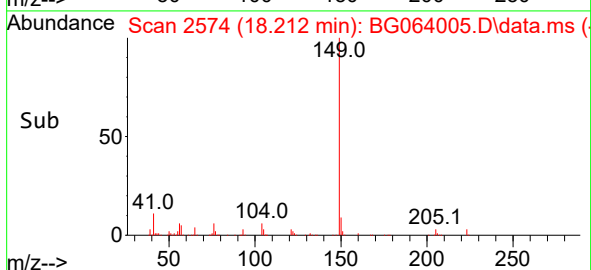
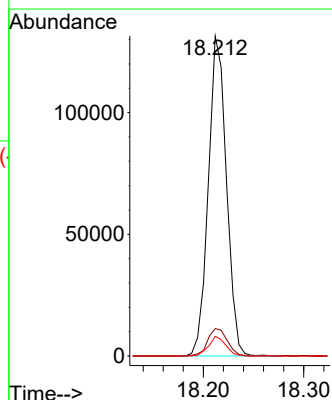
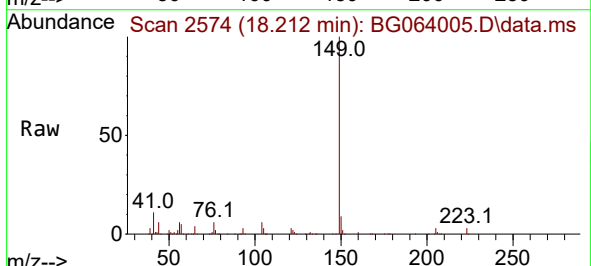
Tgt Ion:149 Resp: 165241

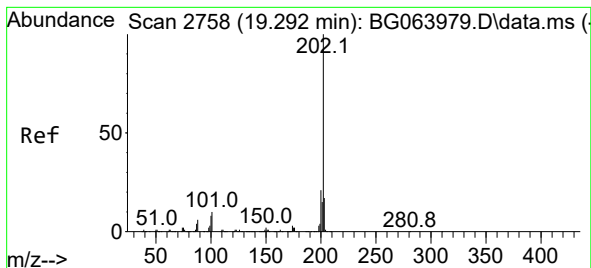
Ion Ratio Lower Upper

149 100

150 8.6 7.4 11.0

104 6.2 4.6 6.8





#75

Fluoranthene

Concen: 7.631 ng

RT: 19.287 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG064005.D

Acq: 5 Feb 2025 19:07

Instrument :

BNA_G

ClientSampleId :

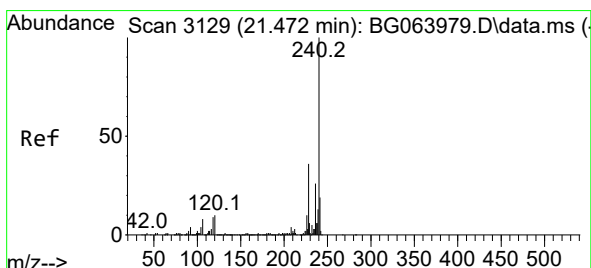
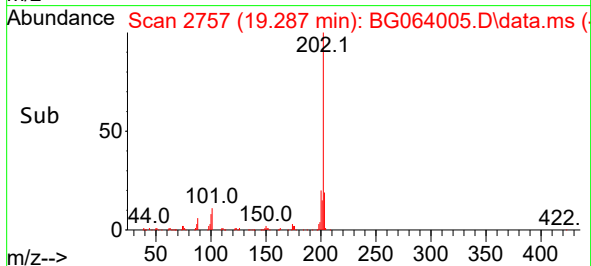
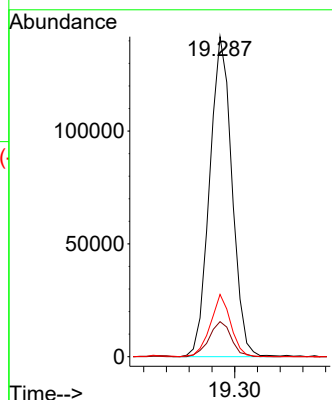
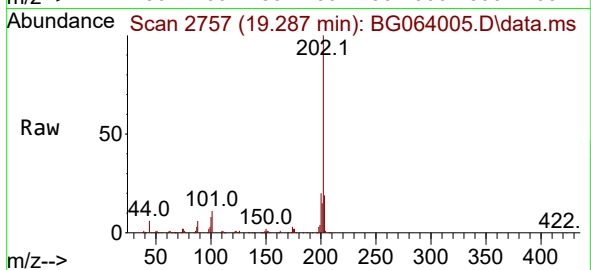
Tgt Ion:202 Resp: 193732

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.4

203 19.5 0.0 37.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.473 min Scan# 3129

Delta R.T. 0.001 min

Lab File: BG064005.D

Acq: 5 Feb 2025 19:07

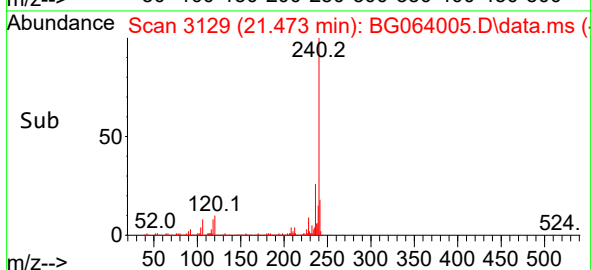
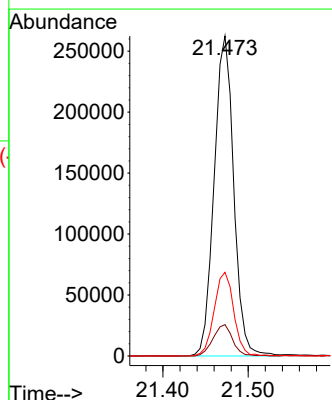
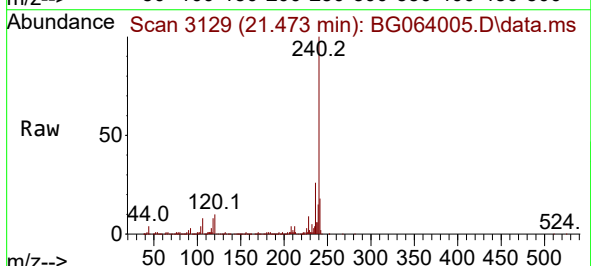
Tgt Ion:240 Resp: 418739

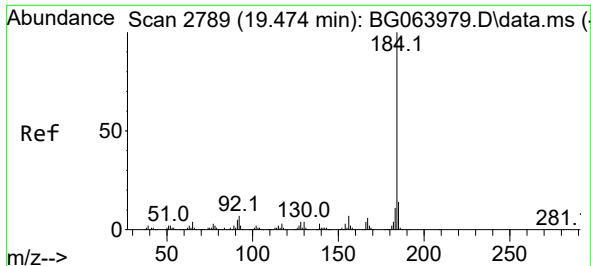
Ion Ratio Lower Upper

240 100

120 9.8 7.9 11.9

236 26.1 21.0 31.6

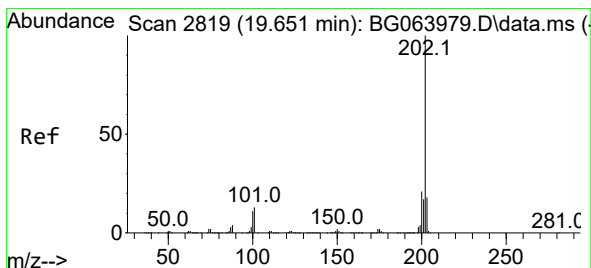
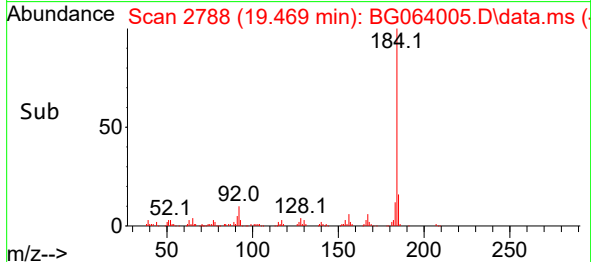
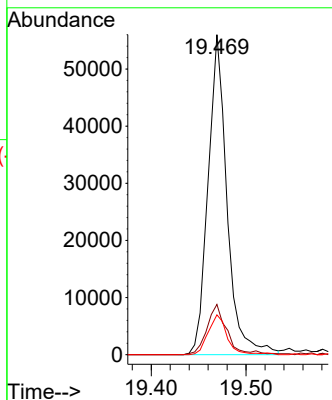
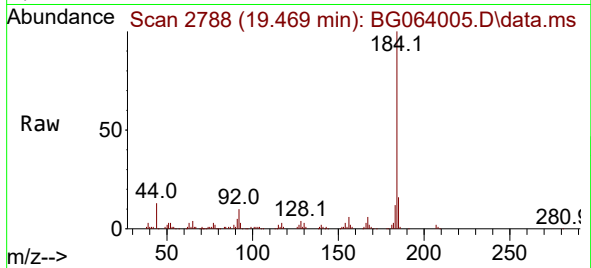




#77
Benzidine
Concen: 8.742 ng
RT: 19.469 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

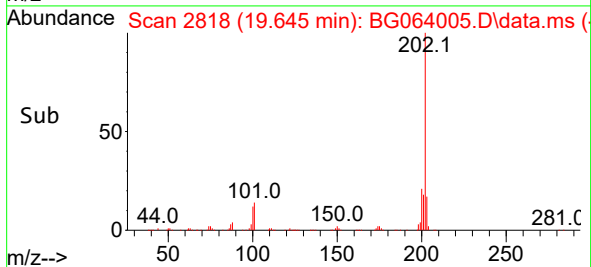
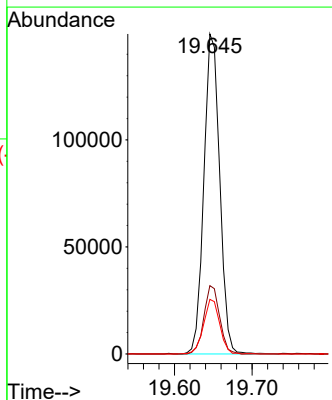
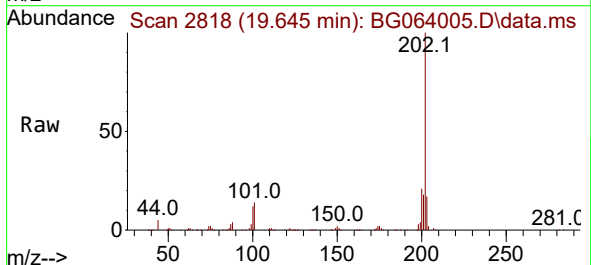
Instrument :
BNA_G
ClientSampleId :

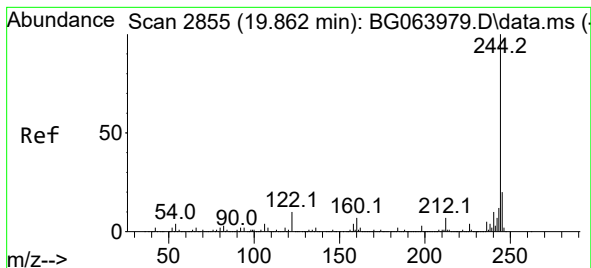
Tgt Ion:184 Resp: 77946
Ion Ratio Lower Upper
184 100
185 15.7 11.2 16.8
183 12.4 8.7 13.1



#78
Pyrene
Concen: 8.193 ng
RT: 19.645 min Scan# 2818
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

Tgt Ion:202 Resp: 211793
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 17.1 14.5 21.7





#79

Terphenyl-d14

Concen: 66.450 ng

RT: 19.857 min Scan# 2854

Delta R.T. -0.005 min

Lab File: BG064005.D

Acq: 5 Feb 2025 19:07

Instrument :

BNA_G

ClientSampleId :

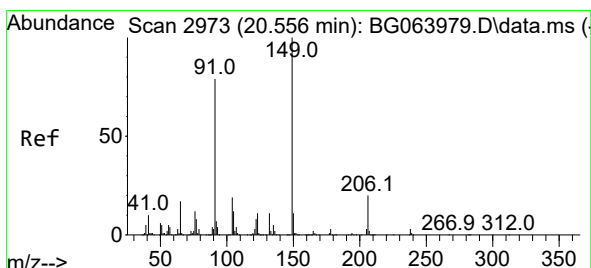
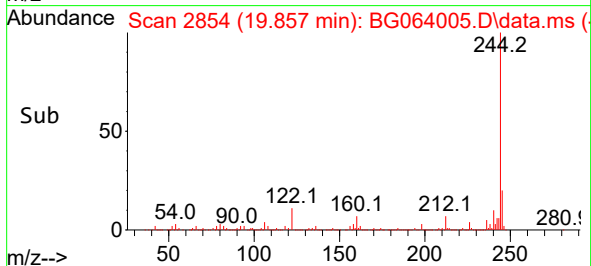
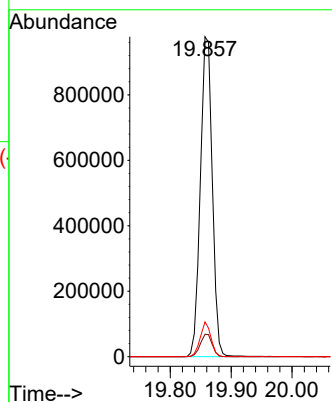
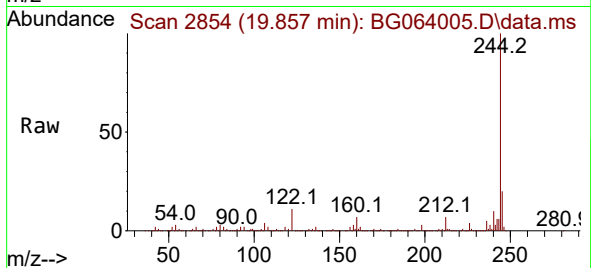
Tgt Ion:244 Resp: 1332334

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 10.9 7.7 11.5



#80

Butylbenzylphthalate

Concen: 12.129 ng

RT: 20.556 min Scan# 2973

Delta R.T. 0.000 min

Lab File: BG064005.D

Acq: 5 Feb 2025 19:07

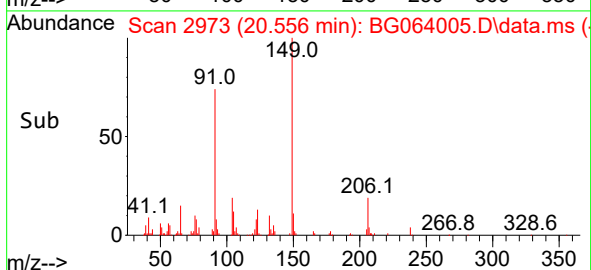
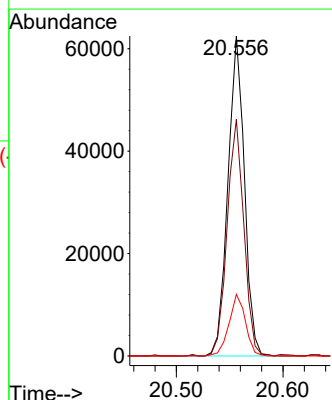
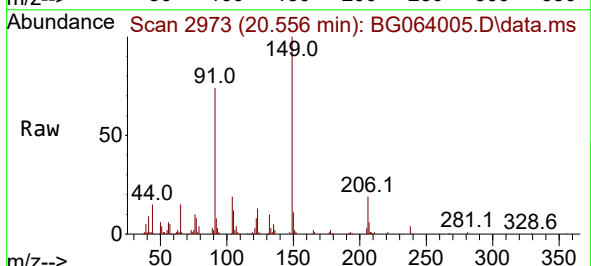
Tgt Ion:149 Resp: 67098

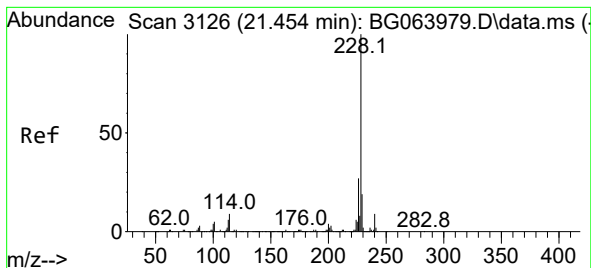
Ion Ratio Lower Upper

149 100

91 73.9 63.0 94.6

206 19.3 15.8 23.6





#81

Benzo(a)anthracene

Concen: 8.312 ng

RT: 21.455 min Scan# 3126

Delta R.T. 0.001 min

Lab File: BG064005.D

Acq: 5 Feb 2025 19:07

Instrument :

BNA_G

ClientSampleId :

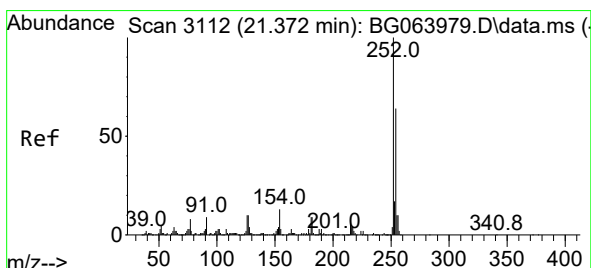
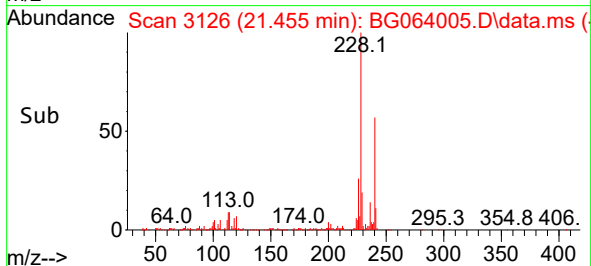
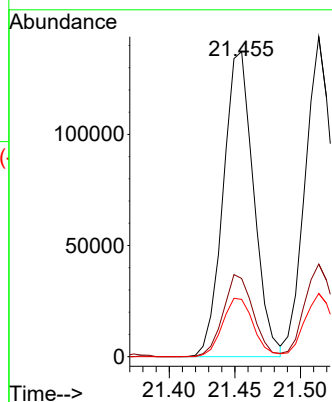
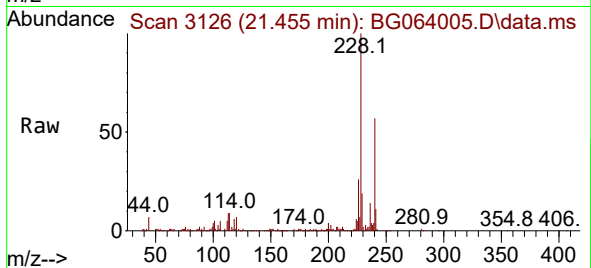
Tgt Ion:228 Resp: 220984

Ion Ratio Lower Upper

228 100

226 25.7 21.8 32.6

229 18.8 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 8.598 ng

RT: 21.373 min Scan# 3112

Delta R.T. 0.001 min

Lab File: BG064005.D

Acq: 5 Feb 2025 19:07

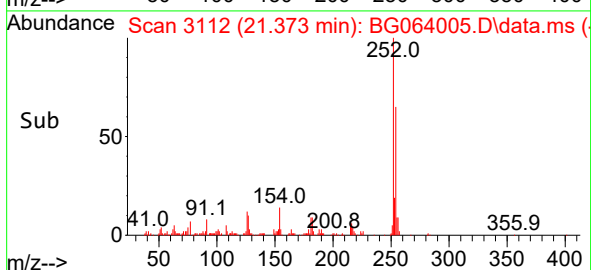
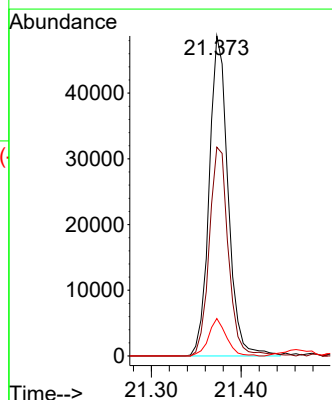
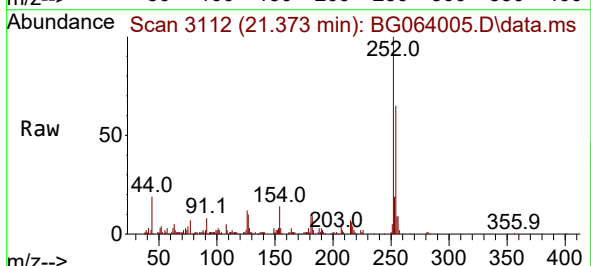
Tgt Ion:252 Resp: 71185

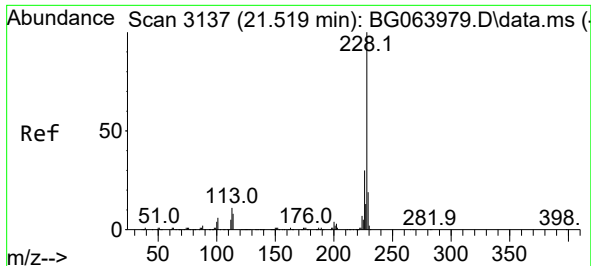
Ion Ratio Lower Upper

252 100

254 65.3 50.8 76.2

126 11.7 8.2 12.2





#83

Chrysene

Concen: 8.166 ng

RT: 21.514 min Scan# 3116

Delta R.T. -0.005 min

Lab File: BG064005.D

Acq: 5 Feb 2025 19:07

Instrument :

BNA_G

ClientSampleId :

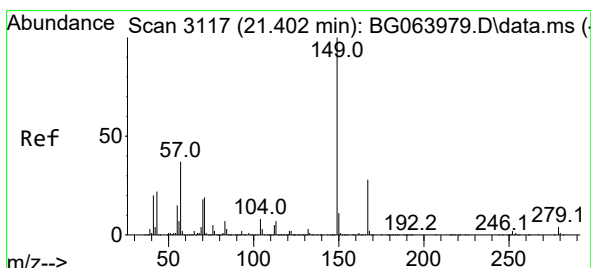
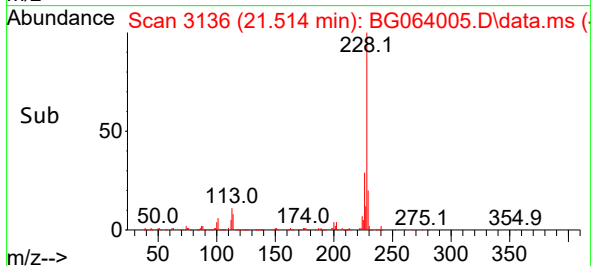
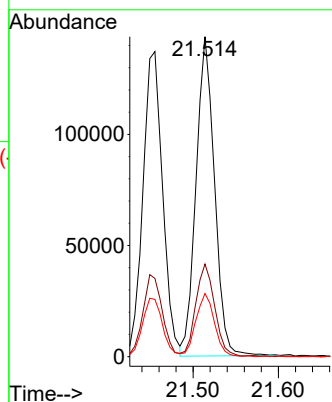
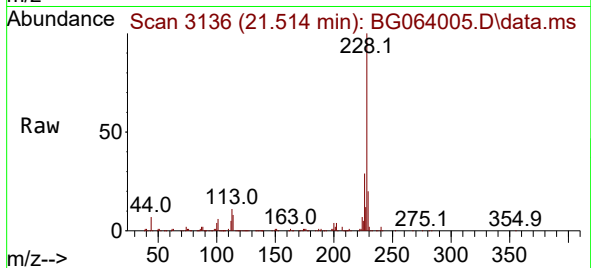
Tgt Ion:228 Resp: 216063

Ion Ratio Lower Upper

228 100

226 29.0 24.2 36.2

229 19.8 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 11.397 ng

RT: 21.396 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BG064005.D

Acq: 5 Feb 2025 19:07

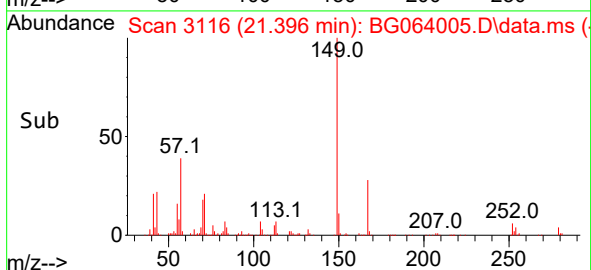
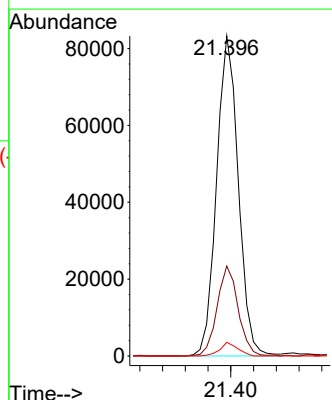
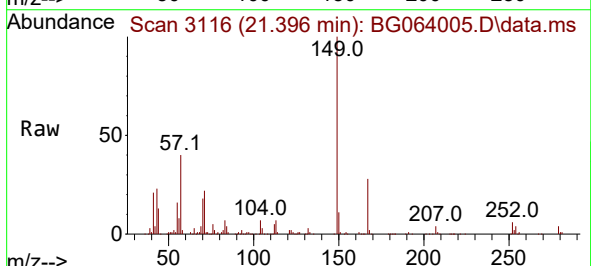
Tgt Ion:149 Resp: 110597

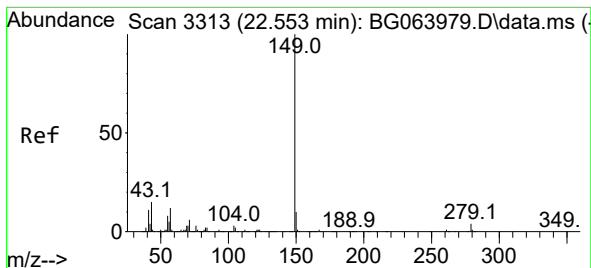
Ion Ratio Lower Upper

149 100

167 28.1 22.5 33.7

279 4.3 3.0 4.4

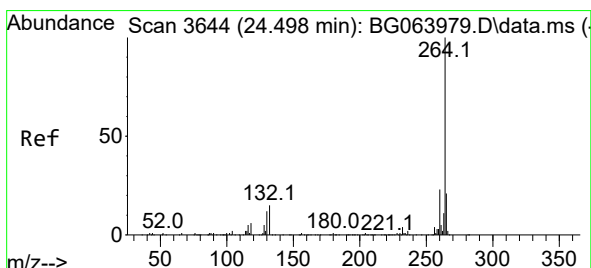
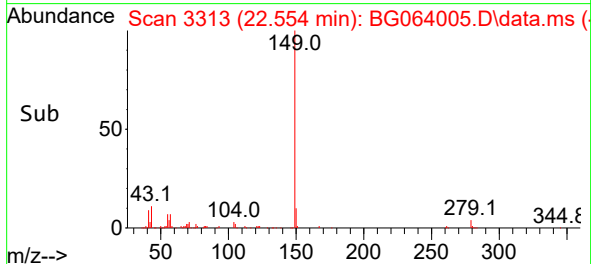
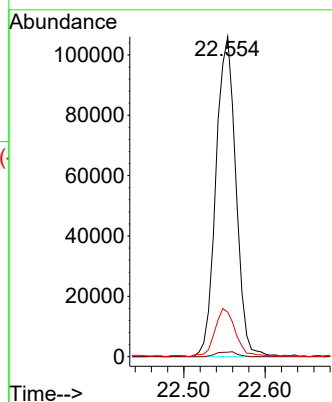
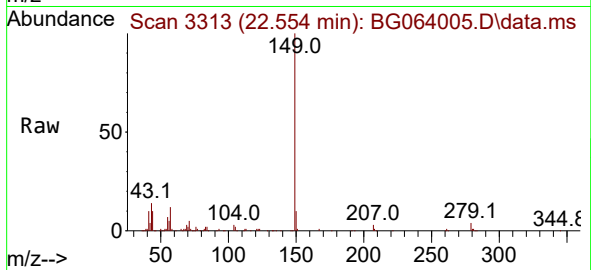




#85
Di-n-octyl phthalate
Concen: 13.472 ng
RT: 22.554 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

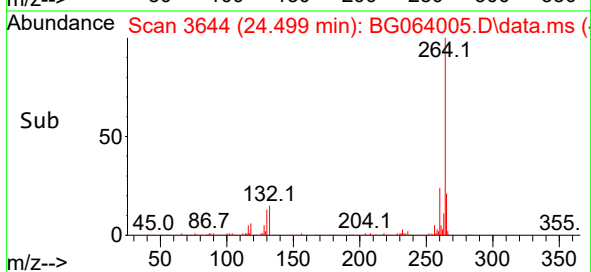
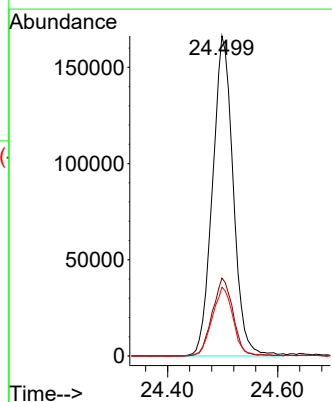
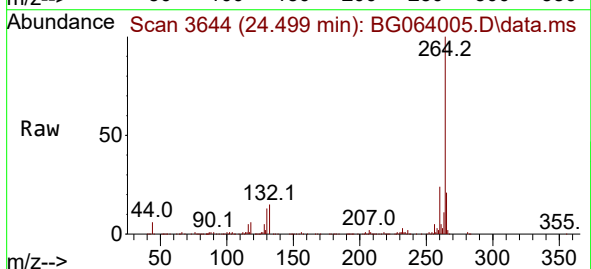
Instrument :
BNA_G
ClientSampleId :

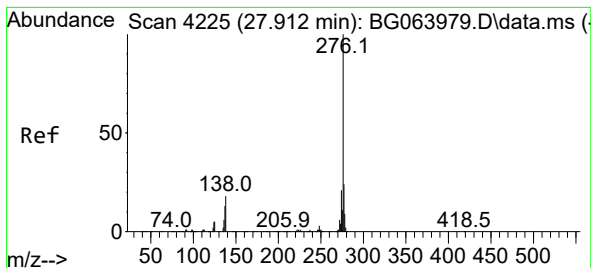
Tgt Ion:149 Resp: 180858
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 15.8 12.3 18.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.499 min Scan# 3644
Delta R.T. 0.001 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

Tgt Ion:264 Resp: 432857
Ion Ratio Lower Upper
264 100
260 24.3 18.7 28.1
265 21.5 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.555 ng

RT: 27.901 min Scan# 41

Delta R.T. -0.011 min

Lab File: BG064005.D

Acq: 5 Feb 2025 19:07

Instrument :

BNA_G

ClientSampleId :

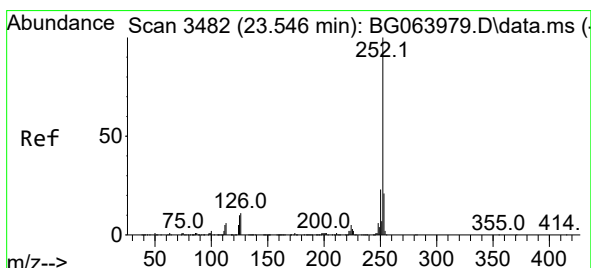
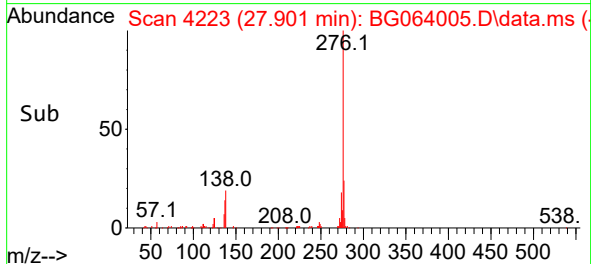
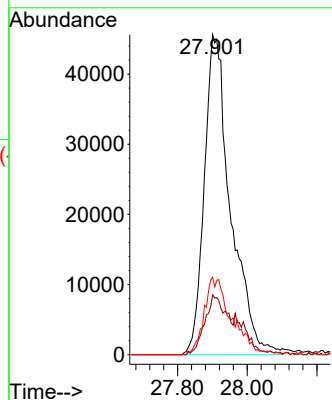
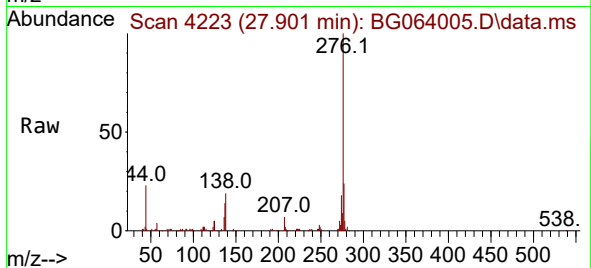
Tgt Ion:276 Resp: 238899

Ion Ratio Lower Upper

276 100

138 15.7 10.7 16.1

277 10.1 20.2 30.4#



#88

Benzo(b)fluoranthene

Concen: 8.032 ng

RT: 23.541 min Scan# 3481

Delta R.T. -0.005 min

Lab File: BG064005.D

Acq: 5 Feb 2025 19:07

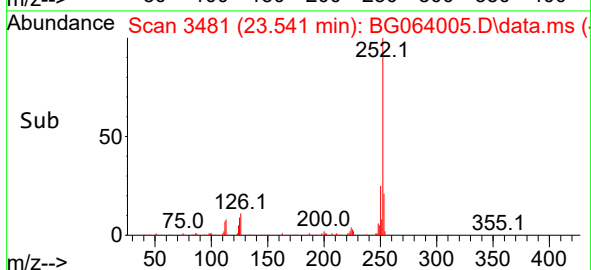
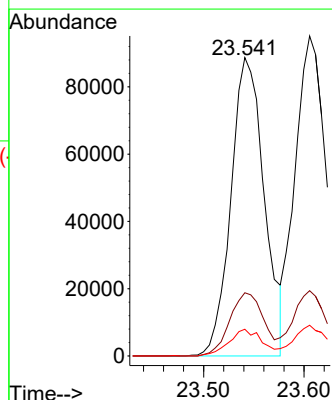
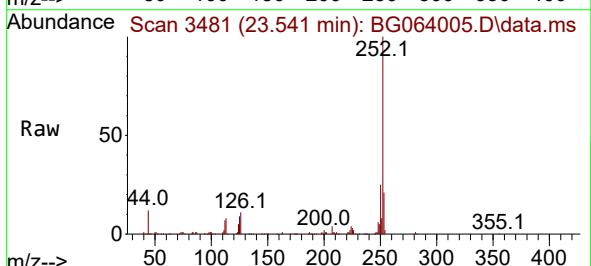
Tgt Ion:252 Resp: 204736

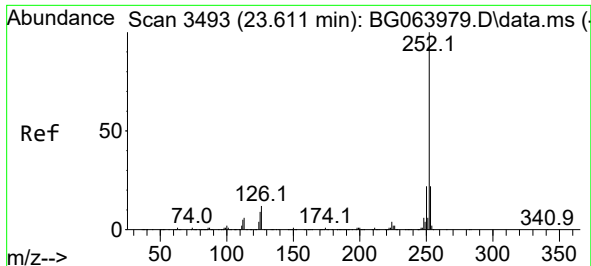
Ion Ratio Lower Upper

252 100

253 21.2 16.9 25.3

125 9.0 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 7.943 ng

RT: 23.606 min Scan# 34

Delta R.T. -0.005 min

Lab File: BG064005.D

Acq: 5 Feb 2025 19:07

Instrument :

BNA_G

ClientSampleId :

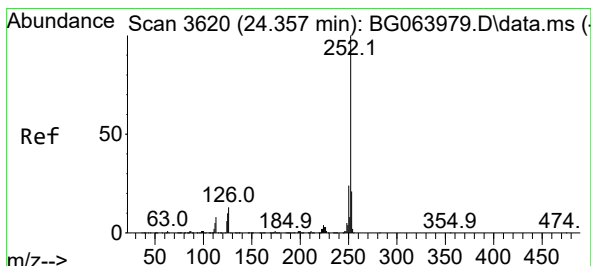
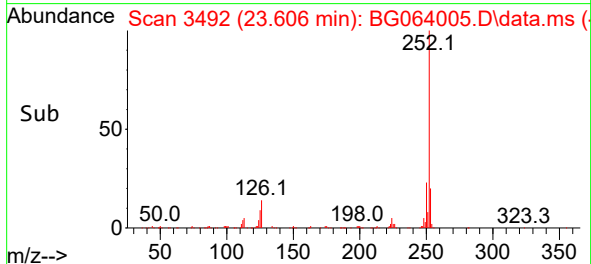
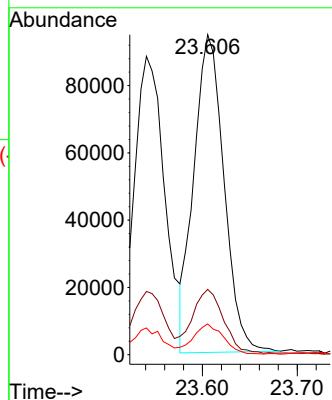
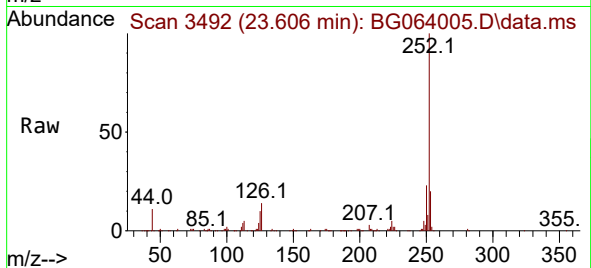
Tgt Ion:252 Resp: 207891

Ion Ratio Lower Upper

252 100

253 20.4 17.7 26.5

125 9.6 7.5 11.3



#90

Benzo(a)pyrene

Concen: 8.384 ng

RT: 24.358 min Scan# 3620

Delta R.T. 0.001 min

Lab File: BG064005.D

Acq: 5 Feb 2025 19:07

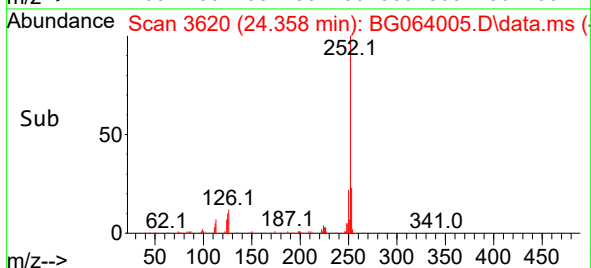
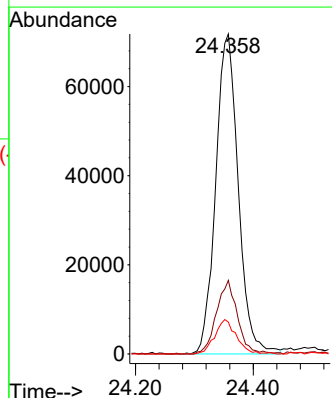
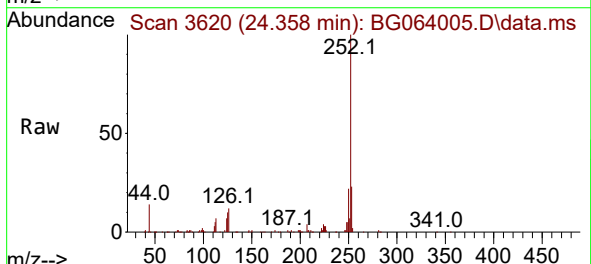
Tgt Ion:252 Resp: 190746

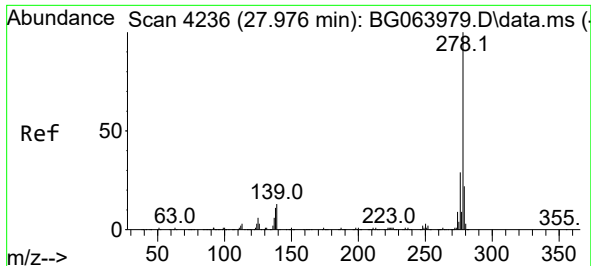
Ion Ratio Lower Upper

252 100

253 23.0 17.1 25.7

125 10.0 7.9 11.9

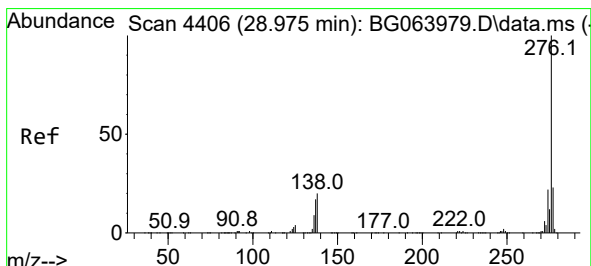
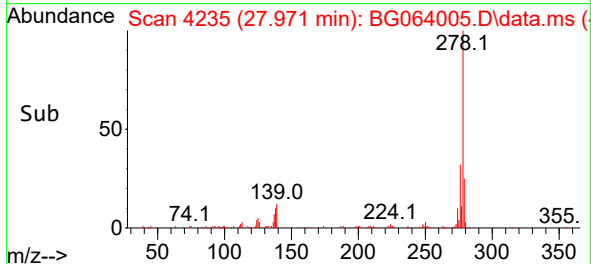
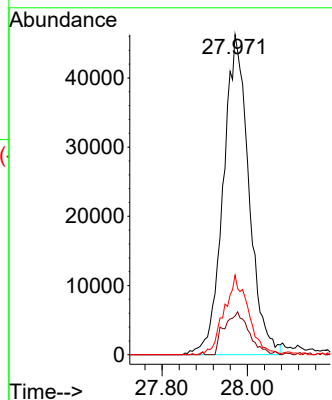
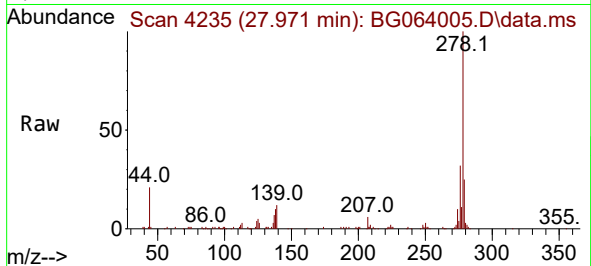




#91
Dibenzo(a,h)anthracene
Concen: 8.198 ng
RT: 27.971 min Scan# 41
Delta R.T. -0.005 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 193317
Ion Ratio Lower Upper
278 100
139 12.1 10.8 16.2
279 24.9 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 7.936 ng
RT: 28.964 min Scan# 4404
Delta R.T. -0.011 min
Lab File: BG064005.D
Acq: 5 Feb 2025 19:07

Tgt Ion:276 Resp: 188912
Ion Ratio Lower Upper
276 100
277 25.0 18.2 27.4
138 16.2 15.8 23.6

