

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
 Data File : BG064240.D
 Acq On : 2 Sep 2025 11:10
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 02 12:37:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	45444	20.000	ng	0.00
21) Naphthalene-d8	10.644	136	201380	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	132047	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	283321	20.000	ng	0.00
76) Chrysene-d12	21.449	240	271531	20.000	ng	# 0.00
86) Perylene-d12	24.458	264	295154	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	214552	84.703	ng	0.00
7) Phenol-d6	7.025	99	294841	84.727	ng	0.00
23) Nitrobenzene-d5	9.011	82	304169	84.237	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	134961	77.164	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	708935	81.947	ng	0.00
79) Terphenyl-d14	19.839	244	1067377	82.014	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.365	88	45512	43.108	ng	88
3) Pyridine	3.752	79	128680	41.406	ng	# 57
4) n-Nitrosodimethylamine	3.670	42	80646	39.232	ng	# 80
6) Aniline	7.184	93	194264	40.369	ng	98
8) 2-Chlorophenol	7.419	128	126370	40.827	ng	95
9) Benzaldehyde	6.996	77	122863	42.902	ng	96
10) Phenol	7.048	94	160555	41.848	ng	99
11) bis(2-Chloroethyl)ether	7.278	93	118896	41.240	ng	95
12) 1,3-Dichlorobenzene	7.748	146	131839	40.038	ng	95
13) 1,4-Dichlorobenzene	7.889	146	136164	40.973	ng	97
14) 1,2-Dichlorobenzene	8.206	146	132029	41.164	ng	94
15) Benzyl Alcohol	8.088	79	123559	38.476	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.376	45	262506	39.881	ng	98
17) 2-Methylphenol	8.294	107	112350	39.292	ng	97
18) Hexachloroethane	8.935	117	53145	40.968	ng	94
19) n-Nitroso-di-n-propyla...	8.658	70	103352	38.806	ng	99
20) 3+4-Methylphenols	8.623	107	153627	38.667	ng	96
22) Acetophenone	8.670	105	206709	40.573	ng	97
24) Nitrobenzene	9.052	77	156373	41.449	ng	100
25) Isophorone	9.575	82	289881	38.627	ng	# 97
26) 2-Nitrophenol	9.757	139	68799	42.204	ng	89
27) 2,4-Dimethylphenol	9.822	122	118031	41.240	ng	99
28) bis(2-Chloroethoxy)met...	10.057	93	165717	40.953	ng	93
29) 2,4-Dichlorophenol	10.292	162	123451	40.880	ng	96
30) 1,2,4-Trichlorobenzene	10.509	180	126861	39.842	ng	98
31) Naphthalene	10.697	128	417200	39.952	ng	98
32) Benzoic acid	9.969	122	90624	39.889	ng	88
33) 4-Chloroaniline	10.797	127	159950	39.519	ng	99
34) Hexachlorobutadiene	10.985	225	90415	38.415	ng	93
35) Caprolactam	11.573	113	40407	34.557	ng	# 86
36) 4-Chloro-3-methylphenol	11.925	107	149890	38.256	ng	96
37) 2-Methylnaphthalene	12.301	142	306138	39.440	ng	97
38) 1-Methylnaphthalene	12.524	142	292923	38.207	ng	99
40) 1,2,4,5-Tetrachloroben...	12.671	216	158860	41.696	ng	99
41) Hexachlorocyclopentadiene	12.660	237	81717	45.129	ng	95
43) 2,4,6-Trichlorophenol	12.912	196	107124	42.067	ng	95

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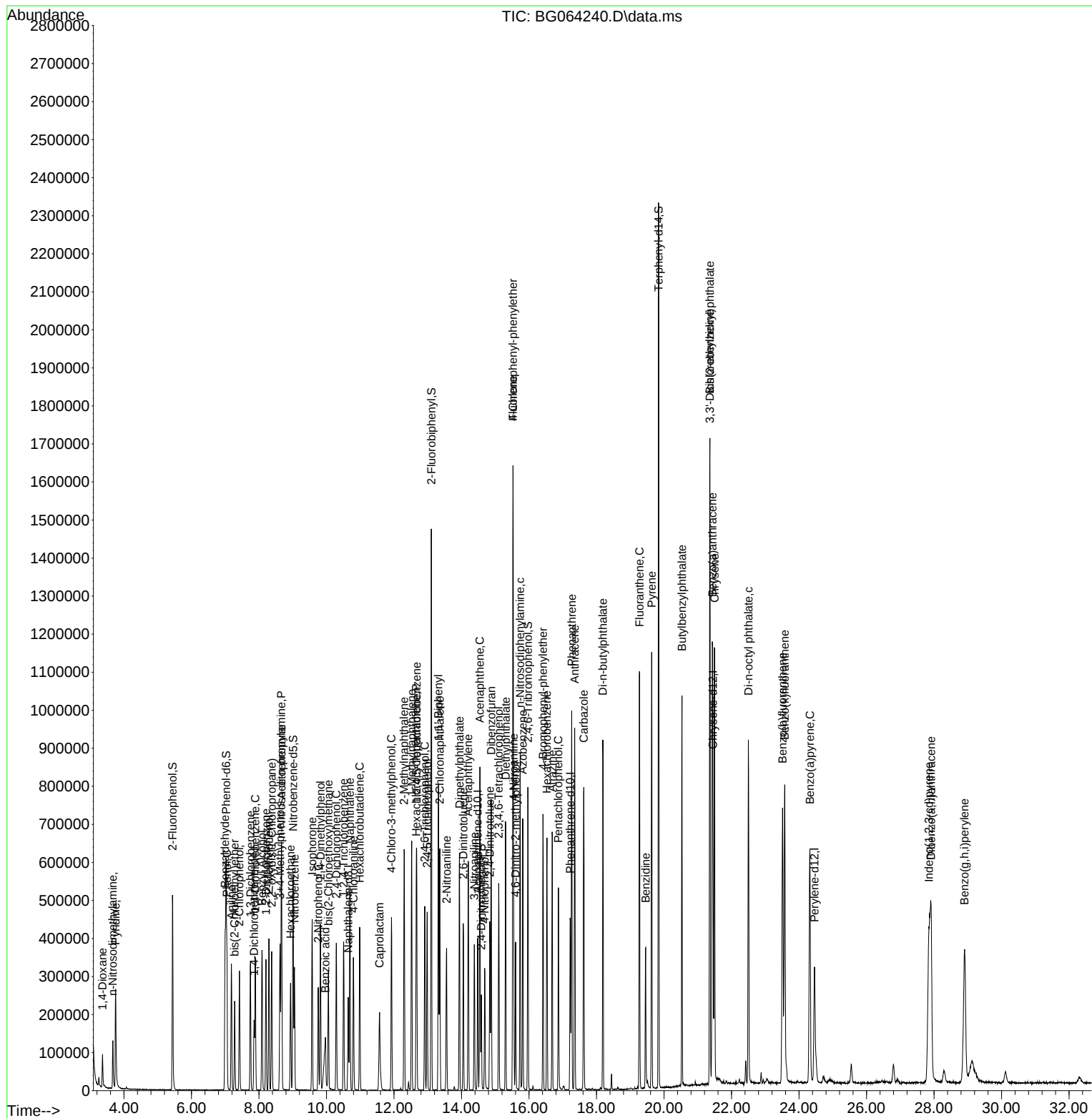
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.983	196	112117	40.587	ng	95
46) 1,1'-Biphenyl	13.318	154	399200	41.507	ng	98
47) 2-Chloronaphthalene	13.359	162	296806	41.050	ng	98
48) 2-Nitroaniline	13.559	65	109593	44.470	ng	98
49) Acenaphthylene	14.199	152	435375	40.734	ng	98
50) Dimethylphthalate	13.940	163	381311	38.151	ng	99
51) 2,6-Dinitrotoluene	14.052	165	78226	40.428	ng	99
52) Acenaphthene	14.546	154	306743	40.667	ng	98
53) 3-Nitroaniline	14.381	138	82599	40.753	ng	87
54) 2,4-Dinitrophenol	14.587	184	45557	39.142	ng	89
55) Dibenzofuran	14.881	168	466702	39.337	ng	98
56) 4-Nitrophenol	14.687	139	65023	39.109	ng	99
57) 2,4-Dinitrotoluene	14.839	165	119624	40.888	ng	95
58) Fluorene	15.527	166	376365	38.704	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	104638	39.384	ng	99
60) Diethylphthalate	15.309	149	393489	36.786	ng	100
61) 4-Chlorophenyl-phenyle...	15.527	204	186415	38.449	ng	99
62) 4-Nitroaniline	15.544	138	84061	40.644	ng	96
63) Azobenzene	15.815	77	380928	39.956	ng	99
65) 4,6-Dinitro-2-methylph...	15.603	198	71393	43.890	ng	99
66) n-Nitrosodiphenylamine	15.738	169	324675	41.658	ng	97
67) 4-Bromophenyl-phenylether	16.414	248	125456	41.691	ng	96
68) Hexachlorobenzene	16.532	284	133724	40.017	ng	99
69) Atrazine	16.690	200	126391	38.838	ng	99
70) Pentachlorophenol	16.872	266	85841	42.365	ng	# 90
71) Phenanthrene	17.266	178	596786	39.937	ng	98
72) Anthracene	17.354	178	617516	40.625	ng	99
73) Carbazole	17.624	167	538567	40.219	ng	98
74) Di-n-butylphthalate	18.188	149	647298	40.235	ng	99
75) Fluoranthene	19.275	202	672270	38.261	ng	99
77) Benzidine	19.457	184	224980	39.387	ng	97
78) Pyrene	19.634	202	706031	41.272	ng	98
80) Butylbenzylphthalate	20.533	149	285838	44.301	ng	94
81) Benzo(a)anthracene	21.432	228	709732	40.856	ng	100
82) 3,3'-Dichlorobenzidine	21.355	252	231965	41.001	ng	98
83) Chrysene	21.496	228	680551	40.807	ng	98
84) Bis(2-ethylhexyl)phtha...	21.361	149	422412	43.606	ng	99
85) Di-n-octyl phthalate	22.501	149	733251	43.442	ng	99
87) Indeno(1,2,3-cd)pyrene	27.848	276	821481	40.755	ng	# 94
88) Benzo(b)fluoranthene	23.512	252	685172	41.131	ng	98
89) Benzo(k)fluoranthene	23.576	252	708838	41.768	ng	98
90) Benzo(a)pyrene	24.322	252	648483	41.849	ng	99
91) Dibenzo(a,h)anthracene	27.912	278	672659	41.564	ng	95
92) Benzo(g,h,i)perylene	28.905	276	641827	40.757	ng	98

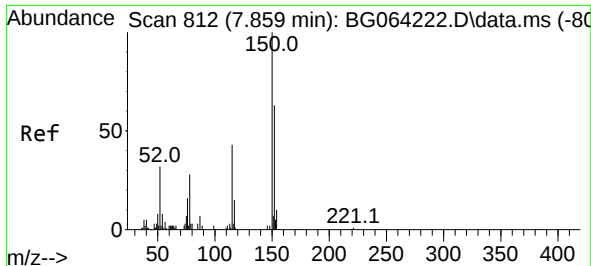
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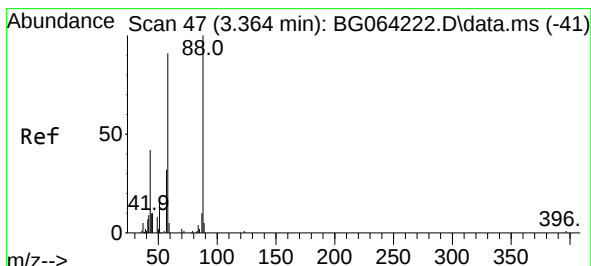
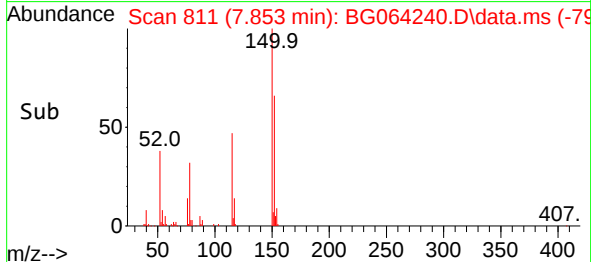
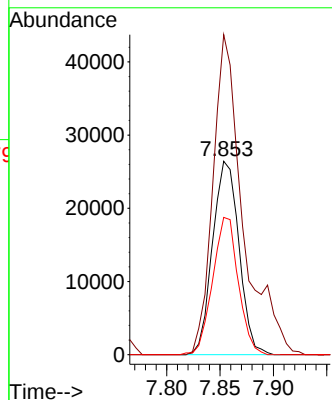
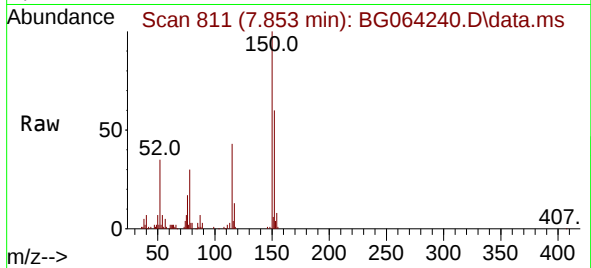




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.853 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BG064240.D
 Acq: 2 Sep 2025 11:10

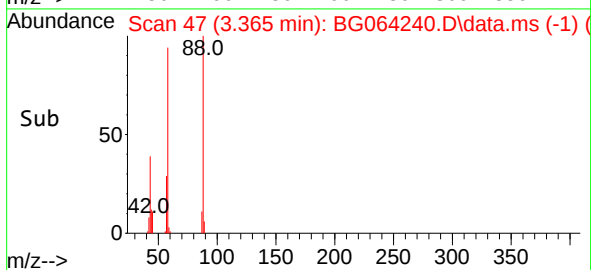
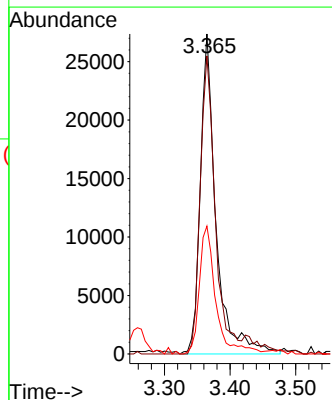
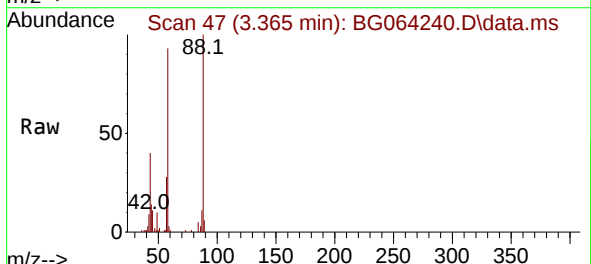
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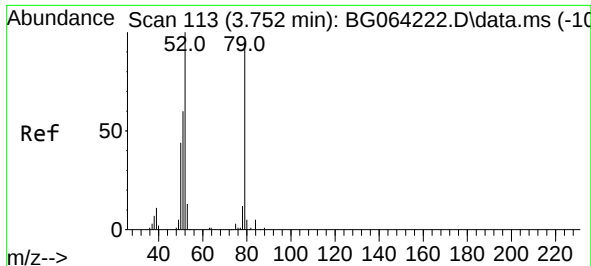
Tgt Ion:152 Resp: 45444
 Ion Ratio Lower Upper
 152 100
 150 165.4 128.0 192.0
 115 70.9 55.7 83.5



#2
 1,4-Dioxane
 Concen: 43.108 ng
 RT: 3.365 min Scan# 47
 Delta R.T. 0.006 min
 Lab File: BG064240.D
 Acq: 2 Sep 2025 11:10

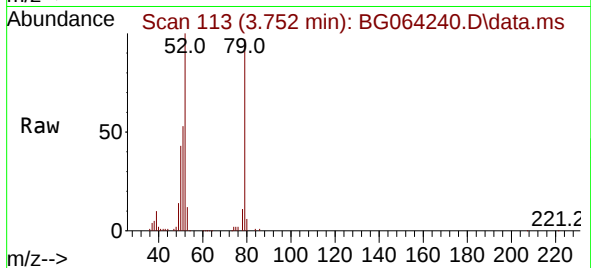
Tgt Ion: 88 Resp: 45512
 Ion Ratio Lower Upper
 88 100
 58 89.1 80.8 121.2
 43 42.0 40.3 60.5



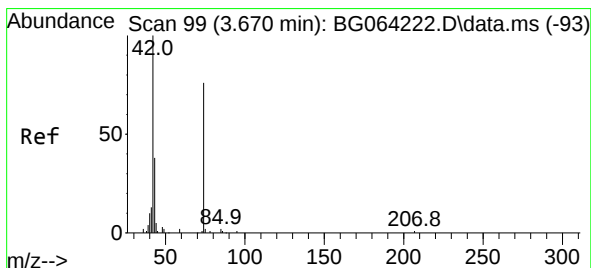
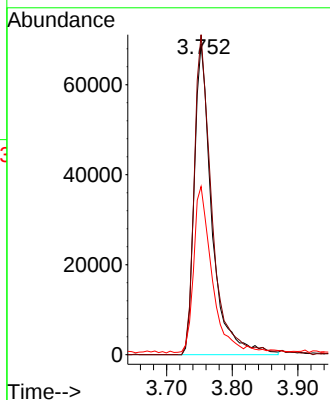
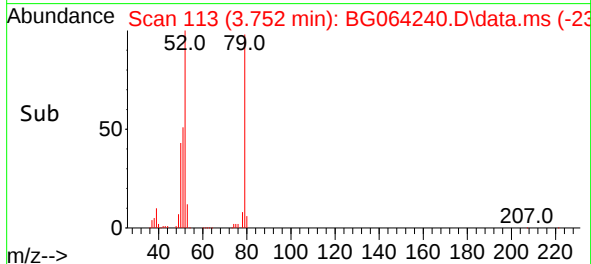


#3
Pyridine
Concen: 41.406 ng
RT: 3.752 min Scan# 113
Delta R.T. 0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

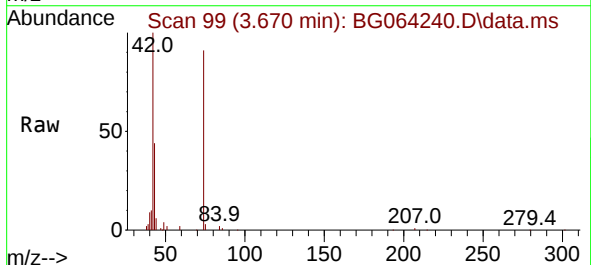
Instrument :
BNA_G
ClientSampleId :



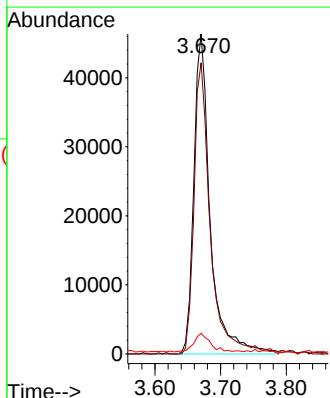
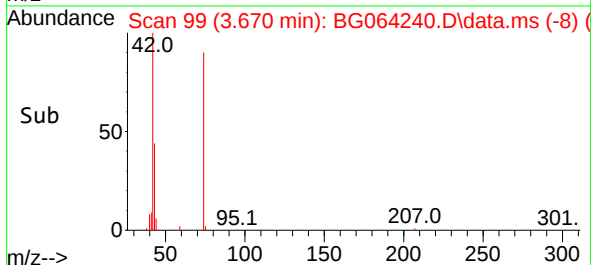
Tgt Ion: 79 Resp: 128680
Ion Ratio Lower Upper
79 100
52 102.9 86.6 129.8
51 54.1 114.1 171.1#

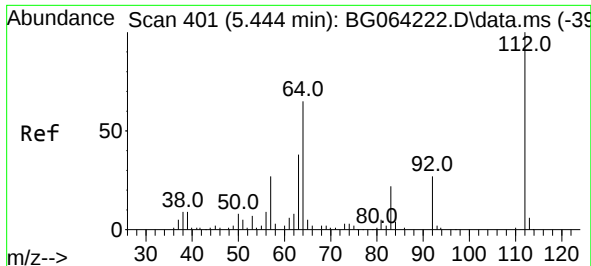


#4
n-Nitrosodimethylamine
Concen: 39.232 ng
RT: 3.670 min Scan# 99
Delta R.T. 0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10



Tgt Ion: 42 Resp: 80646
Ion Ratio Lower Upper
42 100
74 91.0 58.0 87.0#
44 6.5 5.5 8.3

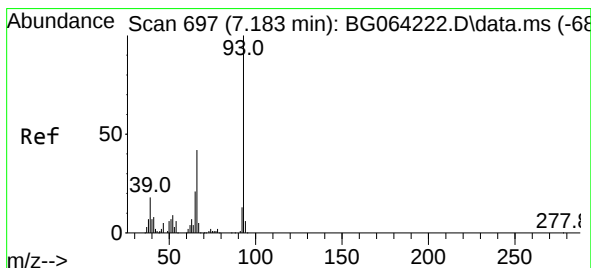
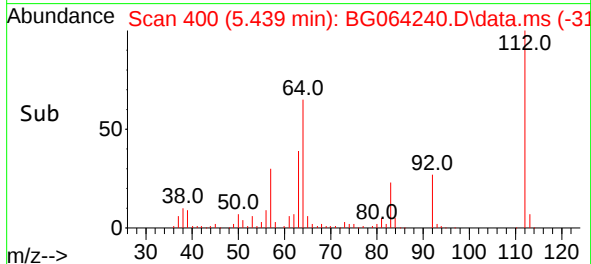
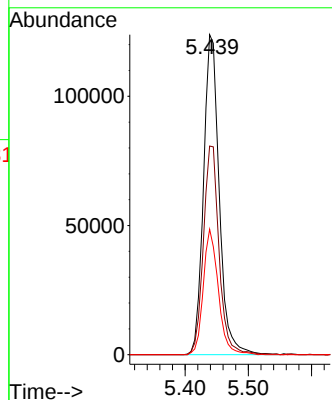
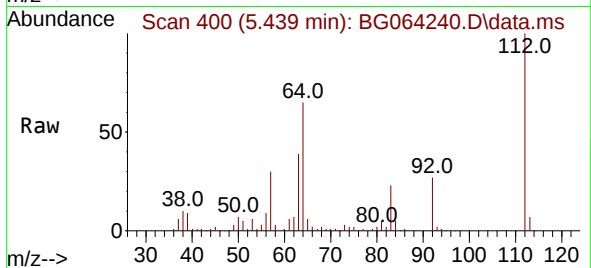




#5
2-Fluorophenol
Concen: 84.703 ng
RT: 5.439 min Scan# 401
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

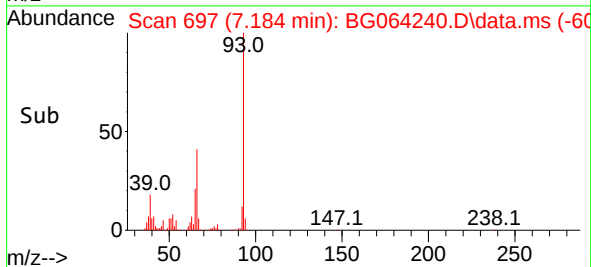
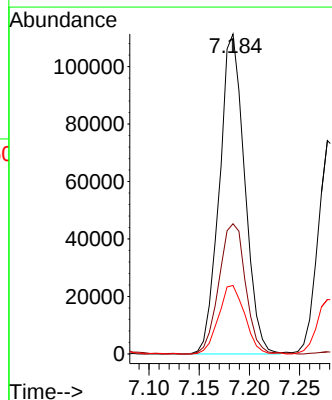
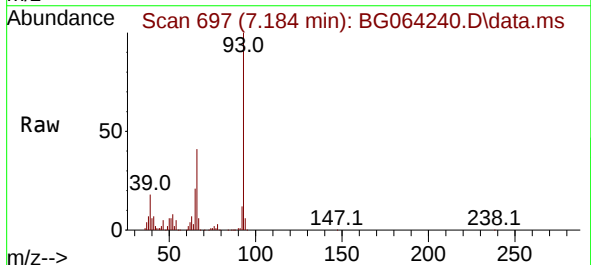
Instrument :
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ClientSampleId :

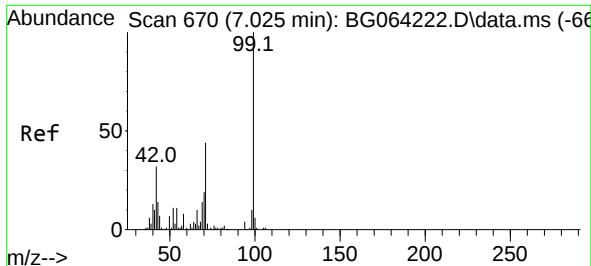
Tgt Ion:112 Resp: 214552
Ion Ratio Lower Upper
112 100
64 65.2 51.8 77.6
63 39.2 30.6 45.8



#6
Aniline
Concen: 40.369 ng
RT: 7.184 min Scan# 697
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion: 93 Resp: 194264
Ion Ratio Lower Upper
93 100
66 40.7 33.8 50.8
65 21.4 16.9 25.3

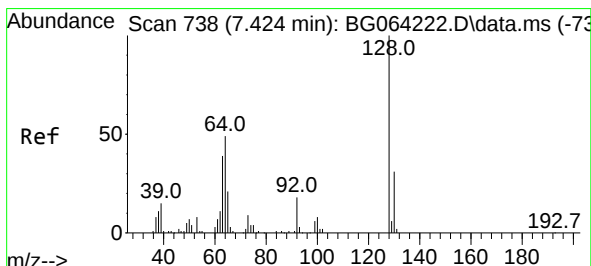
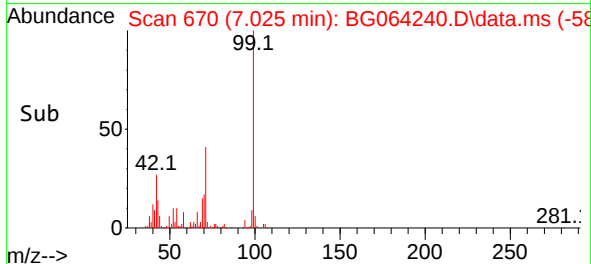
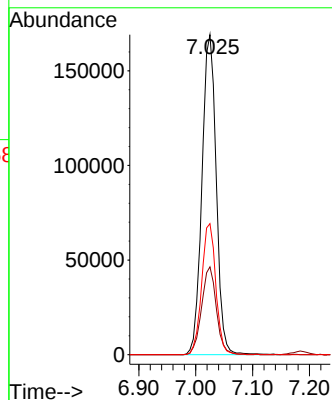
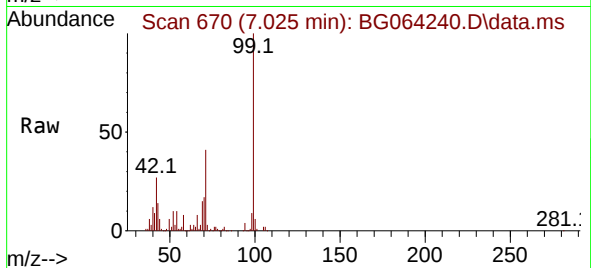




#7
Phenol-d6
Concen: 84.727 ng
RT: 7.025 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

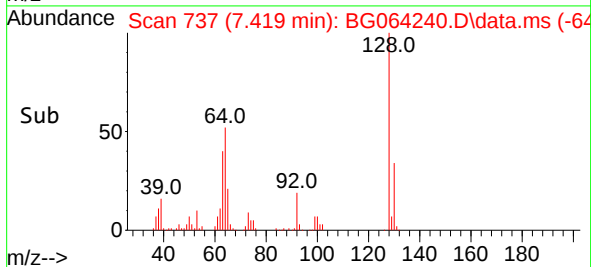
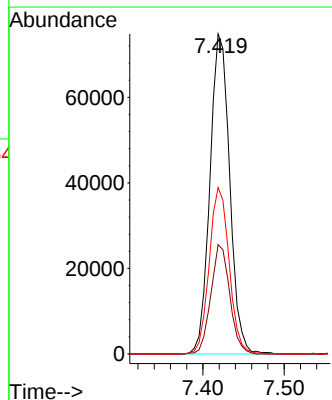
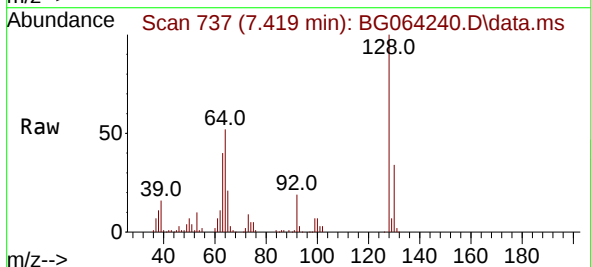
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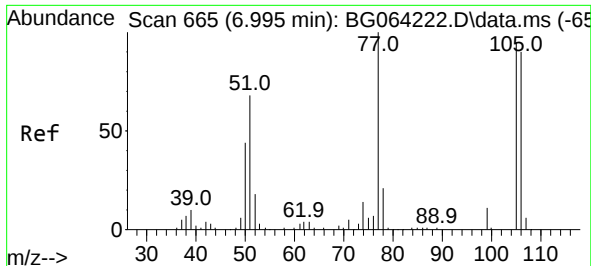
Tgt Ion: 99 Resp: 294841
Ion Ratio Lower Upper
99 100
42 27.4 25.8 38.8
71 40.9 35.2 52.8



#8
2-Chlorophenol
Concen: 40.827 ng
RT: 7.419 min Scan# 737
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:128 Resp: 126370
Ion Ratio Lower Upper
128 100
130 34.2 10.9 50.9
64 52.0 28.7 68.7

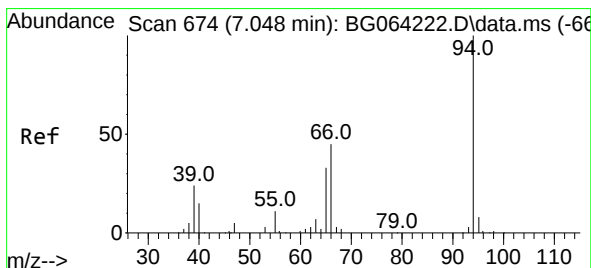
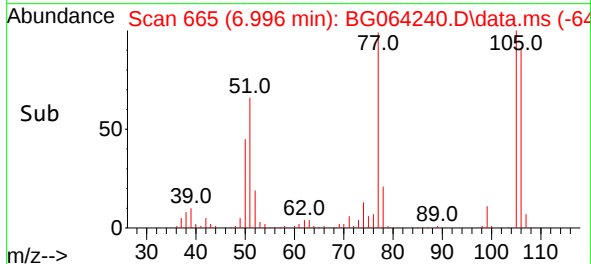
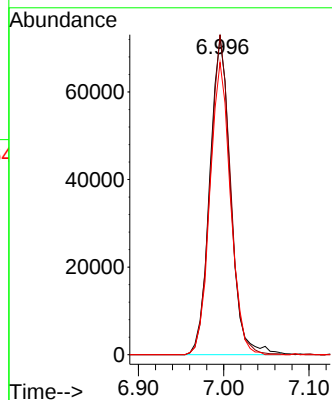
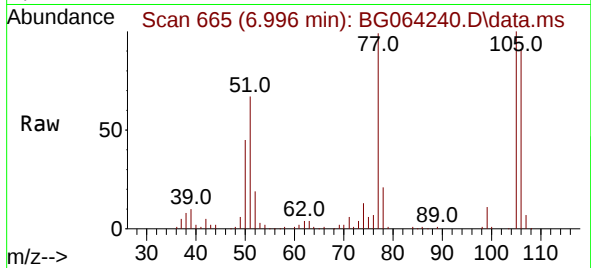




#9
Benzaldehyde
Concen: 42.902 ng
RT: 6.996 min Scan# 665
Delta R.T. 0.001 min
Lab File: BG064240.D
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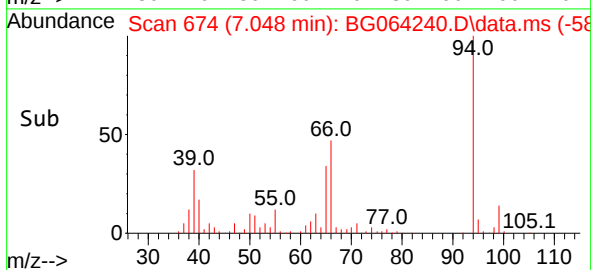
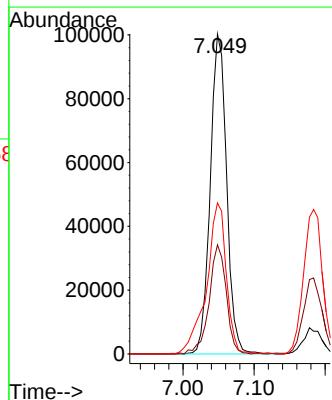
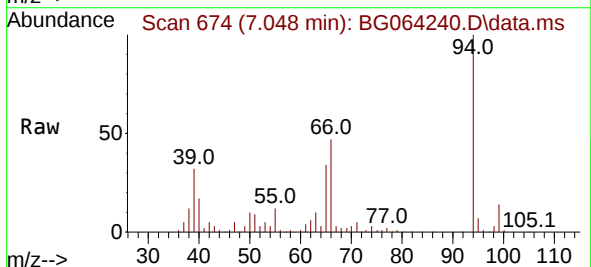
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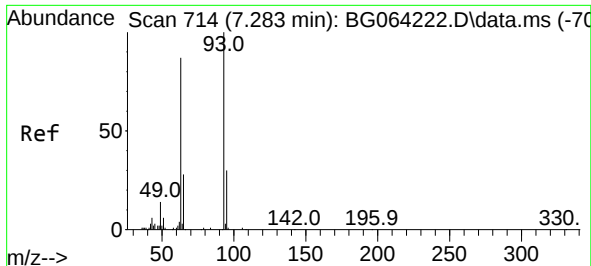
Tgt Ion: 77 Resp: 122863
Ion Ratio Lower Upper
77 100
105 101.0 75.2 115.2
106 92.3 69.6 109.6



#10
Phenol
Concen: 41.848 ng
RT: 7.048 min Scan# 674
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion: 94 Resp: 160555
Ion Ratio Lower Upper
94 100
65 34.1 13.5 53.5
66 47.2 26.2 66.2

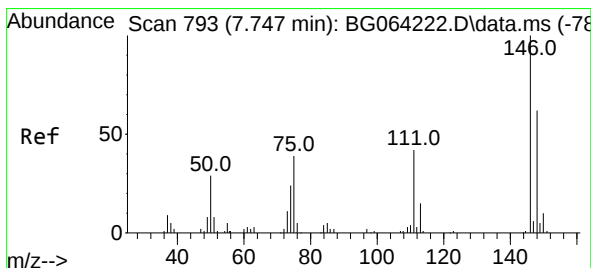
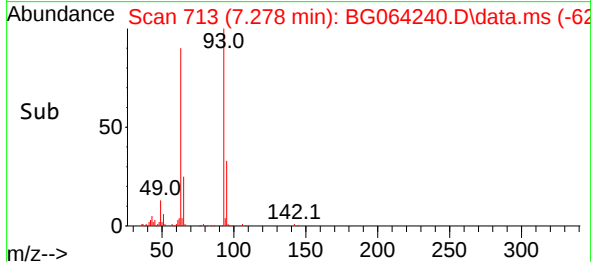
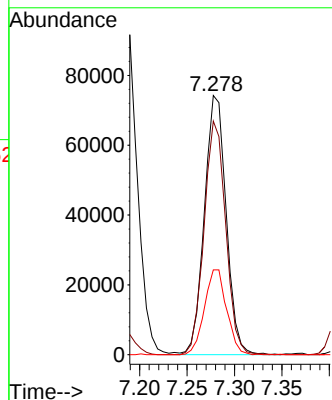
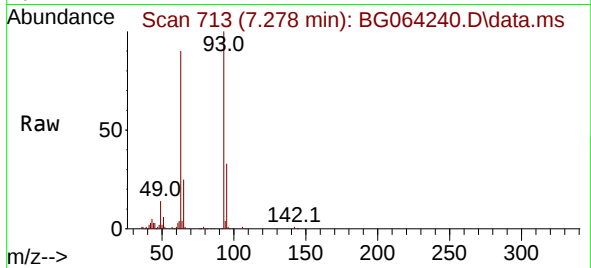




#11
bis(2-Chloroethyl)ether
Concen: 41.240 ng
RT: 7.278 min Scan# 714
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

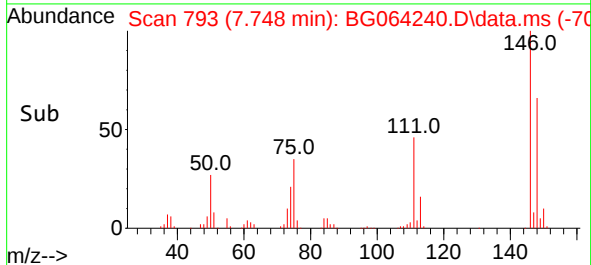
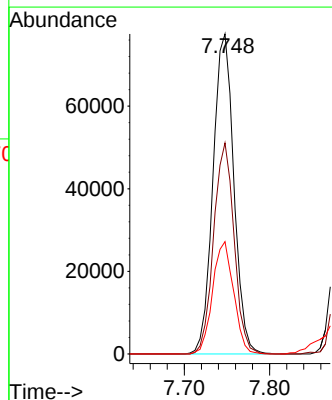
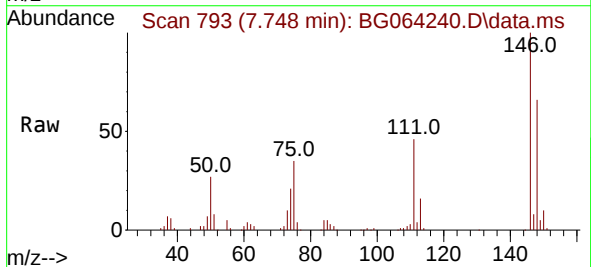
Instrument :
BNA_G
ClientSampleId :

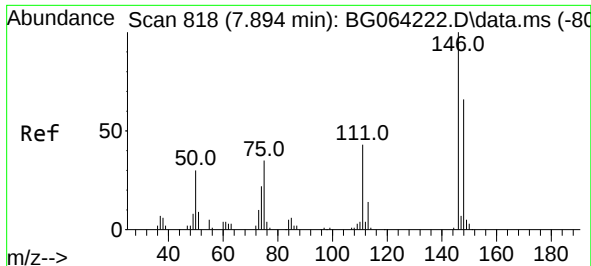
Tgt Ion: 93 Resp: 118896
Ion Ratio Lower Upper
93 100
63 90.1 66.2 106.2
95 32.7 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 40.038 ng
RT: 7.748 min Scan# 793
Delta R.T. 0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:146 Resp: 131839
Ion Ratio Lower Upper
146 100
148 66.0 49.6 74.4
75 35.1 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 40.973 ng

RT: 7.889 min Scan# 818

Delta R.T. -0.006 min

Lab File: BG064240.D

Acq: 2 Sep 2025 11:10

Instrument :

BNA_G

ClientSampleId :

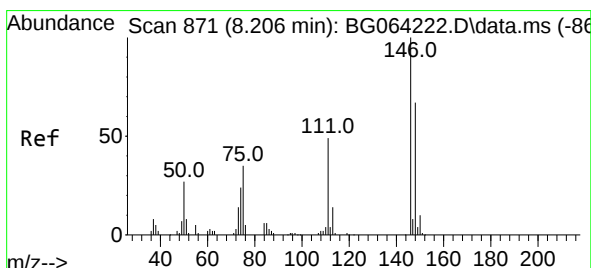
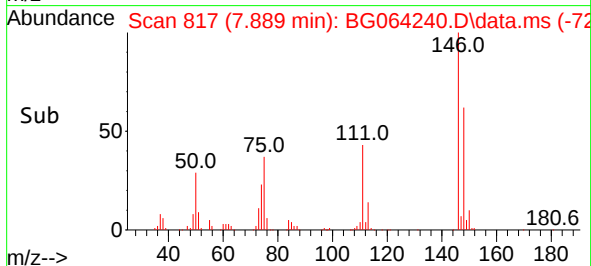
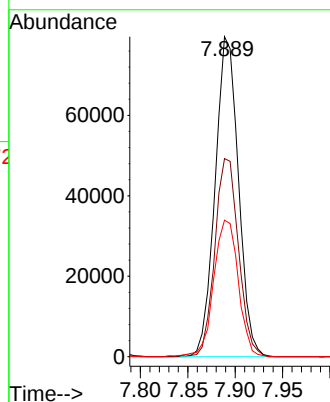
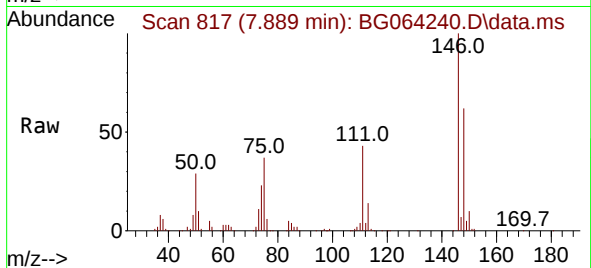
Tgt Ion:146 Resp: 136164

Ion Ratio Lower Upper

146 100

148 61.9 52.8 79.2

111 42.7 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 41.164 ng

RT: 8.206 min Scan# 871

Delta R.T. -0.006 min

Lab File: BG064240.D

Acq: 2 Sep 2025 11:10

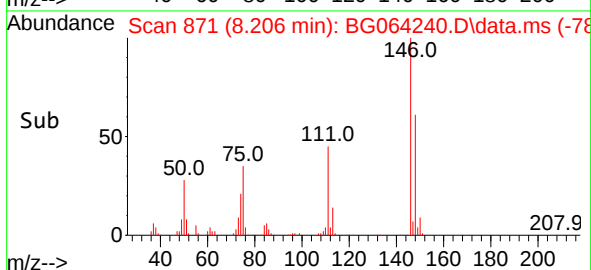
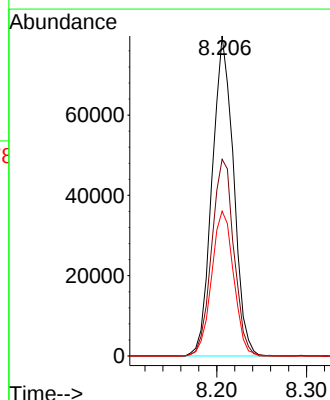
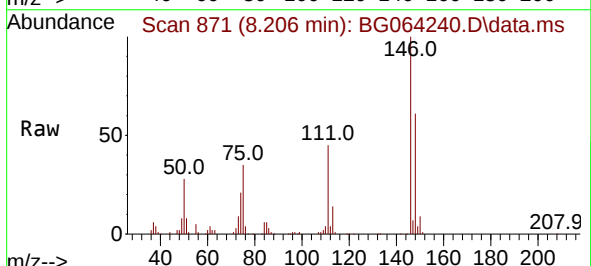
Tgt Ion:146 Resp: 132029

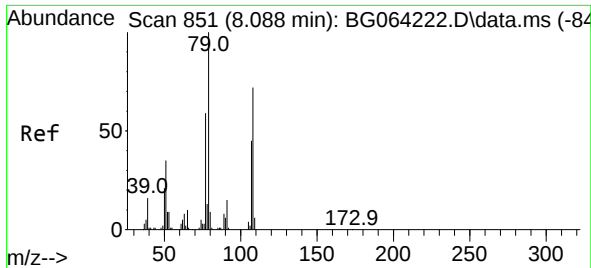
Ion Ratio Lower Upper

146 100

148 61.5 53.4 80.0

111 45.3 39.1 58.7

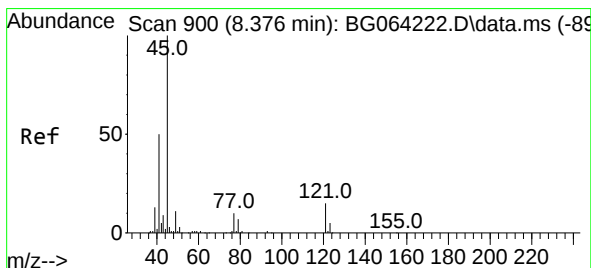
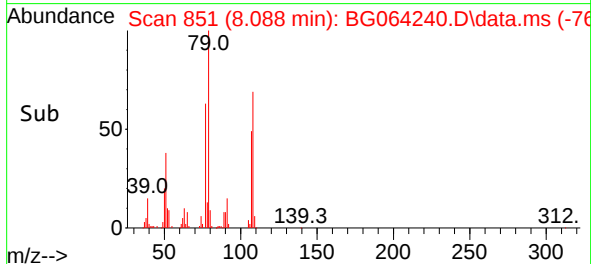
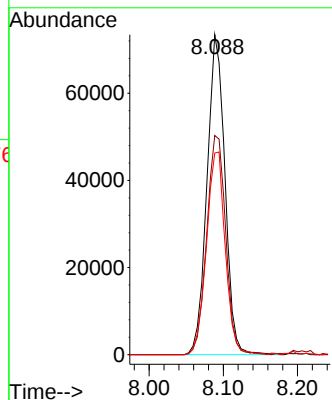
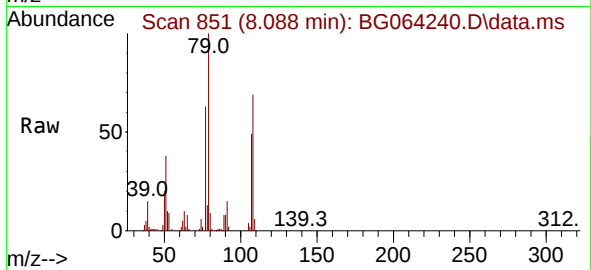




#15
Benzyl Alcohol
Concen: 38.476 ng
RT: 8.088 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

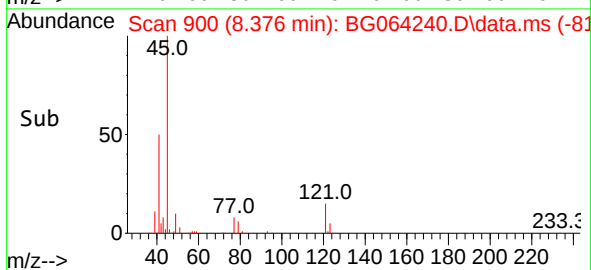
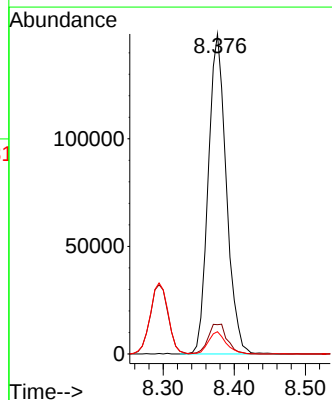
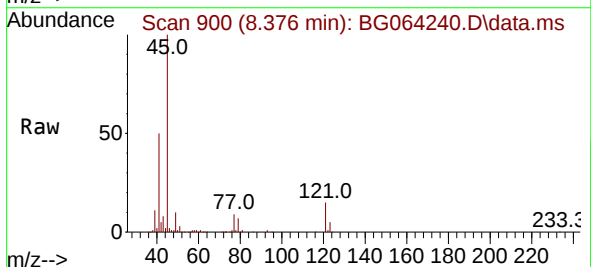
Instrument :
BNA_G
ClientSampleId :

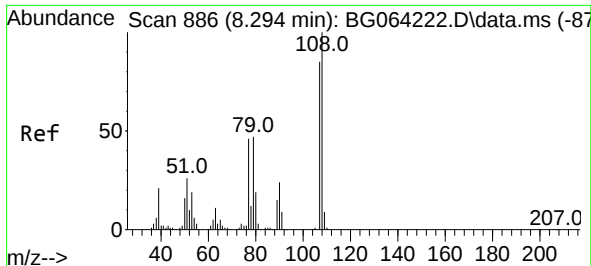
Tgt Ion: 79 Resp: 123559
Ion Ratio Lower Upper
79 100
108 68.5 57.4 86.0
77 63.0 47.2 70.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.881 ng
RT: 8.376 min Scan# 900
Delta R.T. 0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

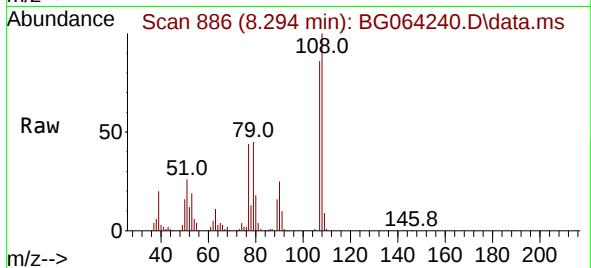
Tgt Ion: 45 Resp: 262506
Ion Ratio Lower Upper
45 100
77 9.2 0.0 30.0
79 7.0 0.0 27.9



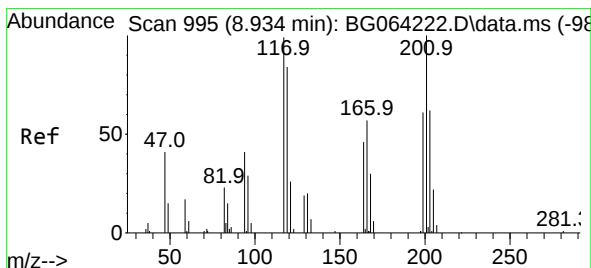
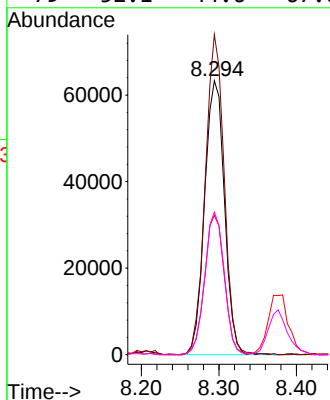
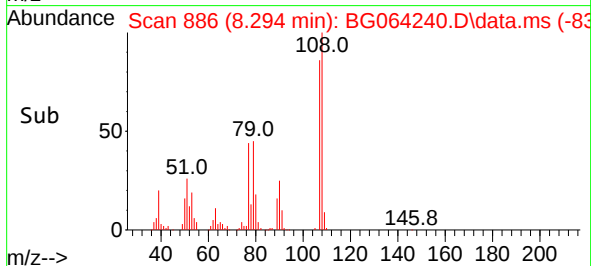


#17
2-Methylphenol
Concen: 39.292 ng
RT: 8.294 min Scan# 886
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

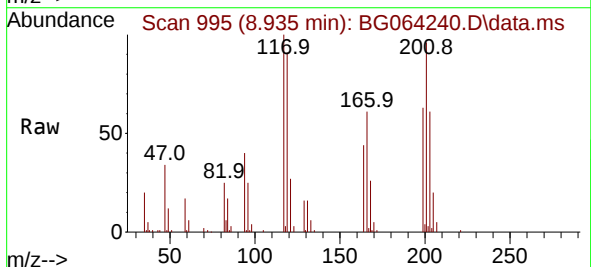
Instrument :
BNA_G
ClientSampleId :



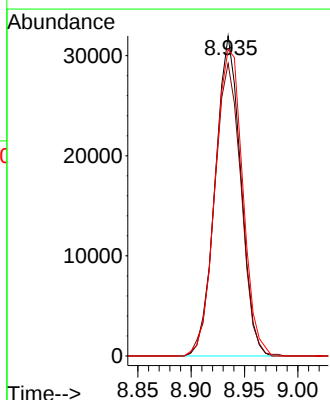
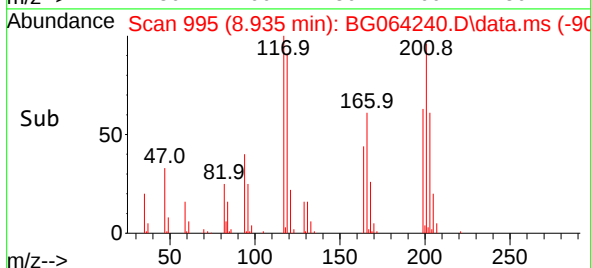
Tgt Ion:	107	Resp:	112350
Ion	Ratio	Lower	Upper
107	100		
108	116.8	94.6	141.8
77	50.9	43.7	65.5
79	52.1	44.6	67.0

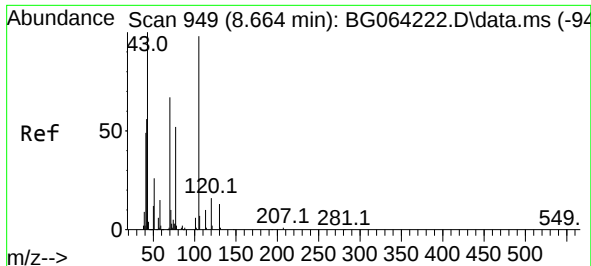


#18
Hexachloroethane
Concen: 40.968 ng
RT: 8.935 min Scan# 995
Delta R.T. 0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10



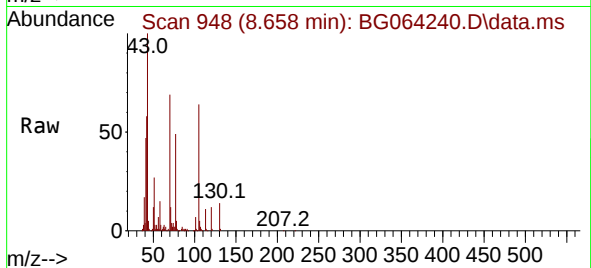
Tgt Ion:	117	Resp:	53145
Ion	Ratio	Lower	Upper
117	100		
119	91.4	67.9	101.9
201	95.8	80.5	120.7



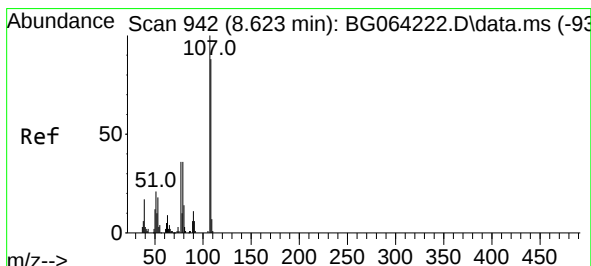
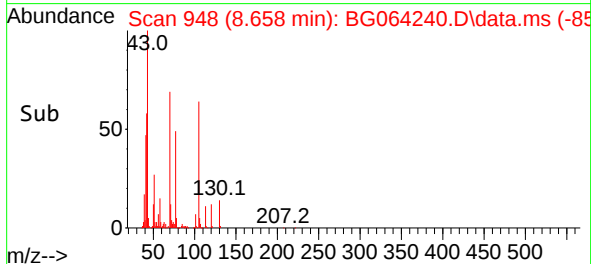
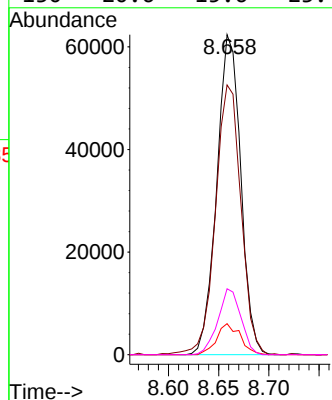


#19
n-Nitroso-di-n-propylamine
Concen: 38.806 ng
RT: 8.658 min Scan# 949
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :

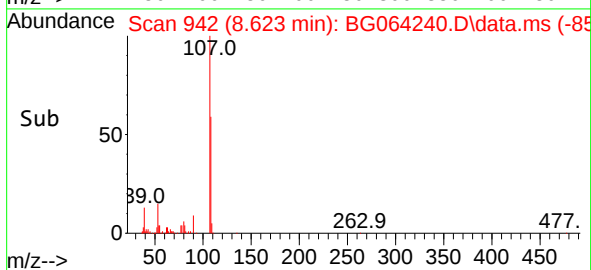
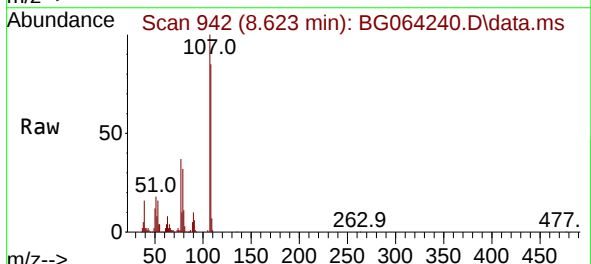
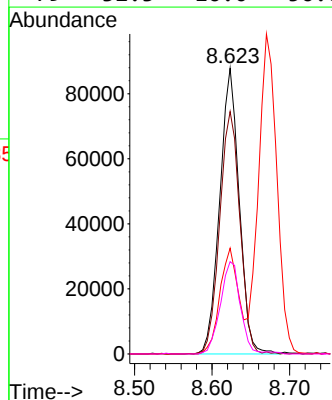


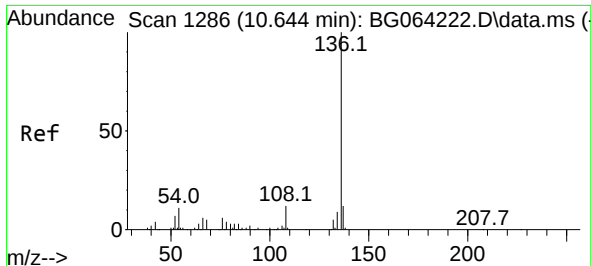
Tgt Ion: 70 Resp: 103352
Ion Ratio Lower Upper
70 100
42 84.3 67.9 101.9
101 9.7 7.3 10.9
130 20.6 15.6 23.4



#20
3+4-Methylphenols
Concen: 38.667 ng
RT: 8.623 min Scan# 942
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion: 107 Resp: 153627
Ion Ratio Lower Upper
107 100
108 84.8 68.1 108.1
77 37.0 15.9 55.9
79 32.3 16.0 56.0

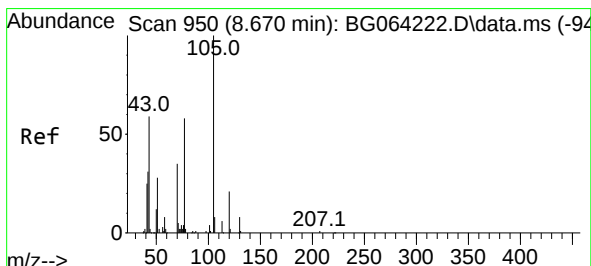
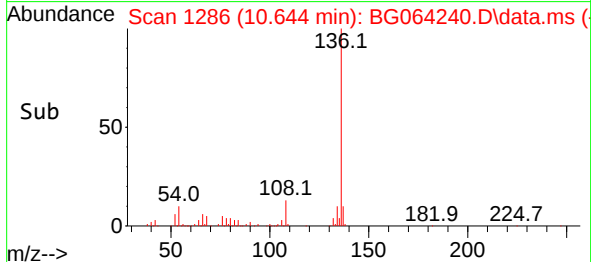
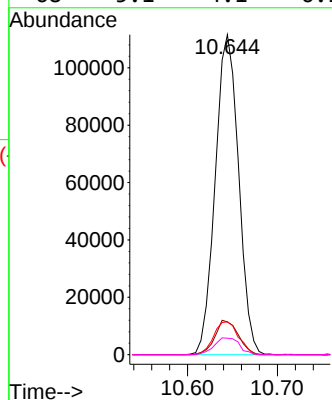
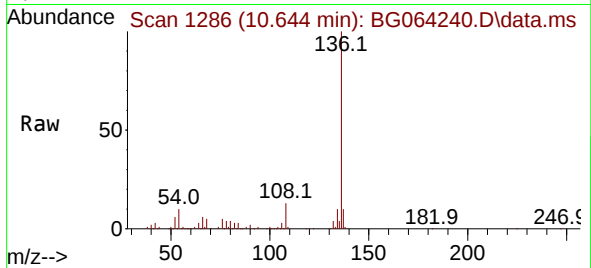




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

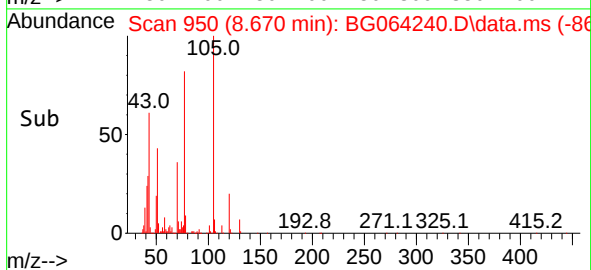
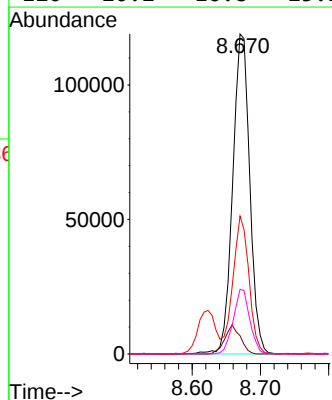
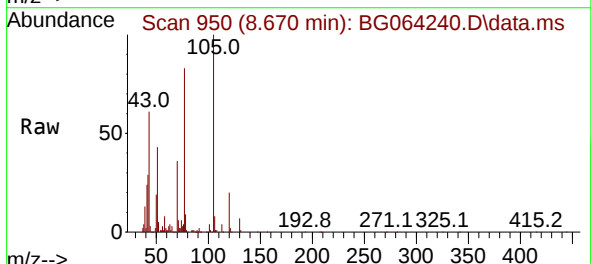
Instrument :
BNA_G
ClientSampleId :

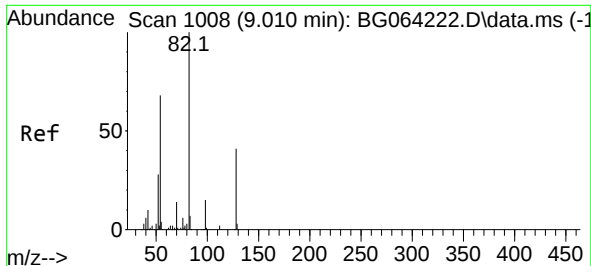
Tgt Ion:	136	Resp:	201380
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.6	14.4
54	10.2	8.8	13.2
68	5.1	4.1	6.1



#22
Acetophenone
Concen: 40.573 ng
RT: 8.670 min Scan# 950
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

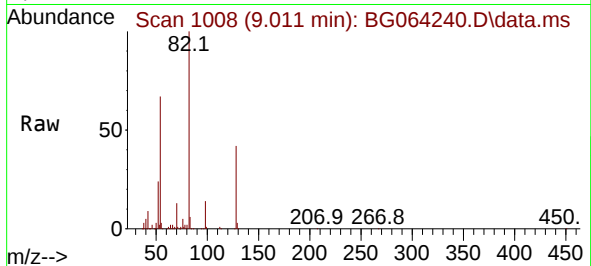
Tgt Ion:	105	Resp:	206709
Ion	Ratio	Lower	Upper
105	100		
71	5.7	4.3	6.5
51	43.1	32.4	48.6
120	20.2	16.8	25.2



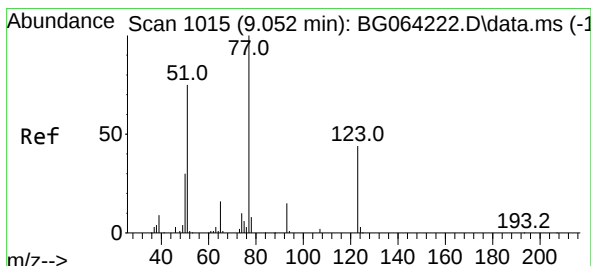
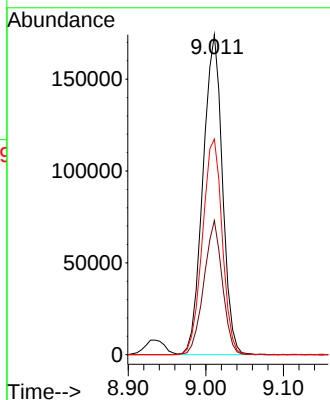
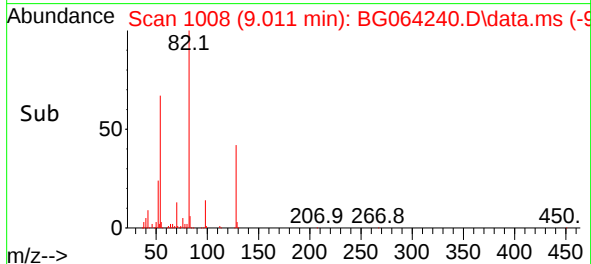


#23
Nitrobenzene-d5
Concen: 84.237 ng
RT: 9.011 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

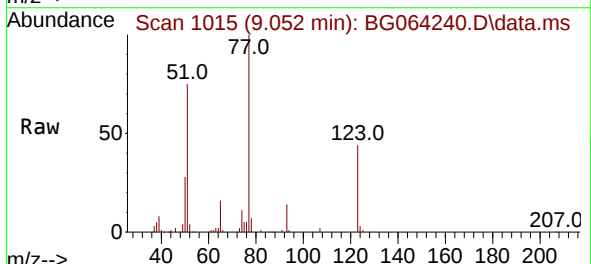
Instrument :
BNA_G
ClientSampleId :



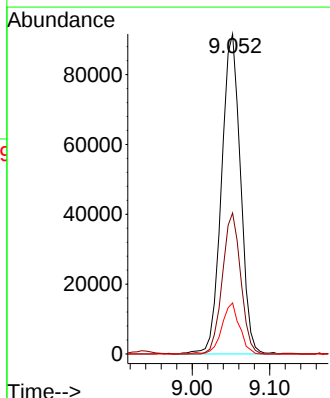
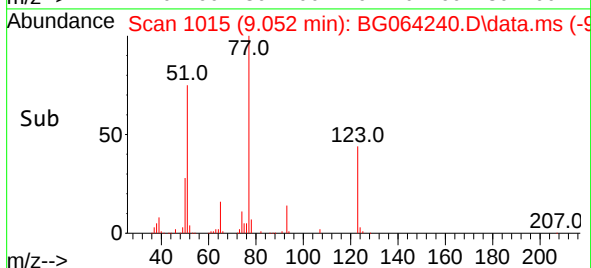
Tgt Ion: 82 Resp: 304169
Ion Ratio Lower Upper
82 100
128 41.9 32.6 48.8
54 67.4 54.7 82.1

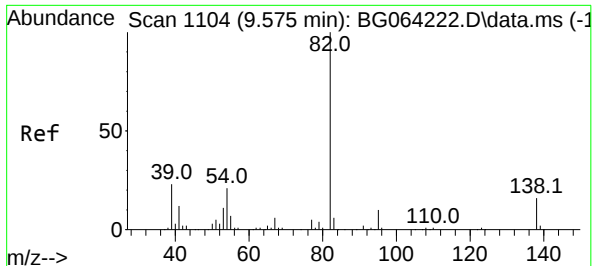


#24
Nitrobenzene
Concen: 41.449 ng
RT: 9.052 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10



Tgt Ion: 77 Resp: 156373
Ion Ratio Lower Upper
77 100
123 44.1 35.2 52.8
65 16.0 12.6 19.0

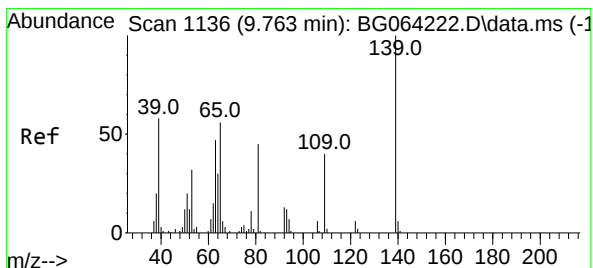
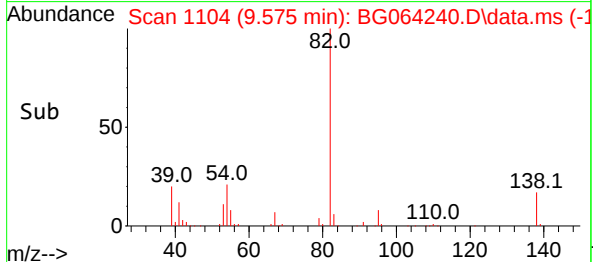
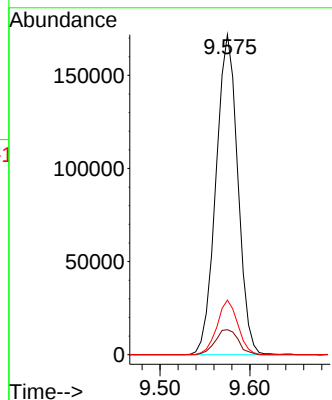
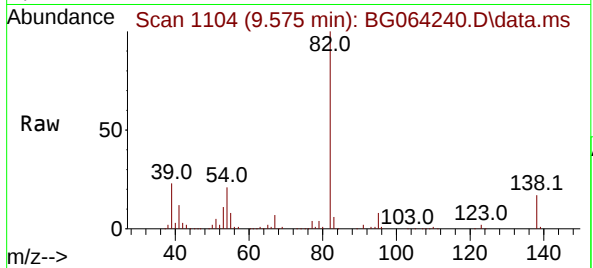




#25
Isophorone
Concen: 38.627 ng
RT: 9.575 min Scan# 1104
Delta R.T. -0.012 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

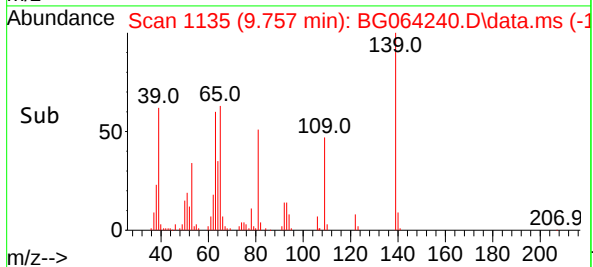
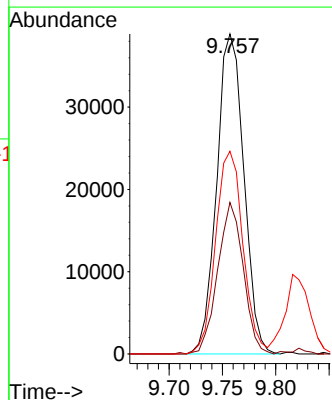
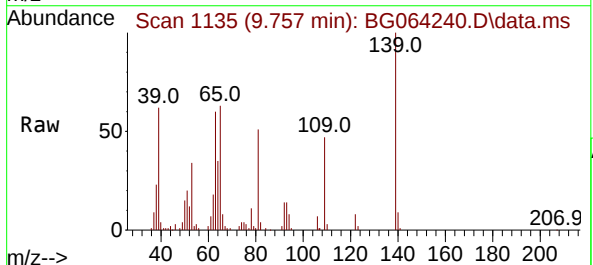
Instrument :
BNA_G
ClientSampleId :

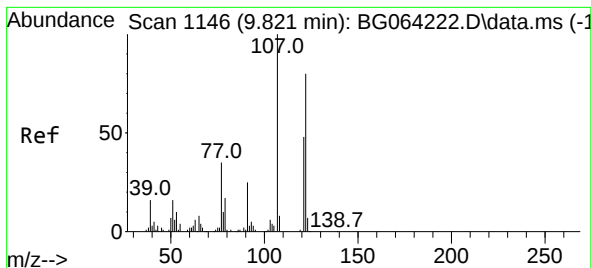
Tgt Ion: 82 Resp: 289881
Ion Ratio Lower Upper
82 100
95 7.8 7.9 11.9#
138 17.0 13.0 19.4



#26
2-Nitrophenol
Concen: 42.204 ng
RT: 9.757 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

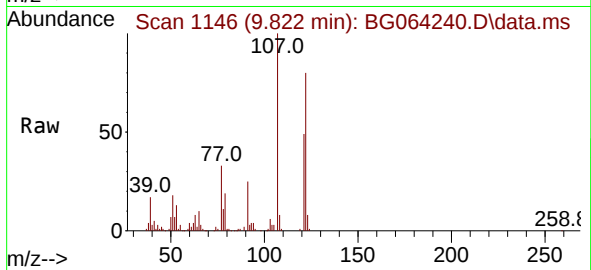
Tgt Ion:139 Resp: 68799
Ion Ratio Lower Upper
139 100
109 47.4 32.4 48.6
65 63.3 44.6 67.0



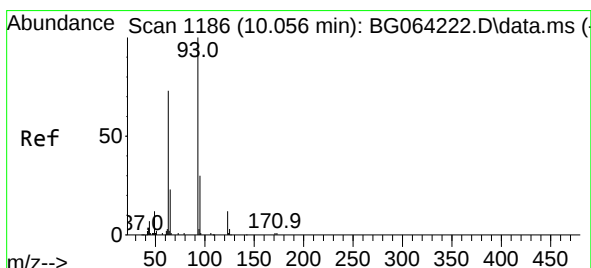
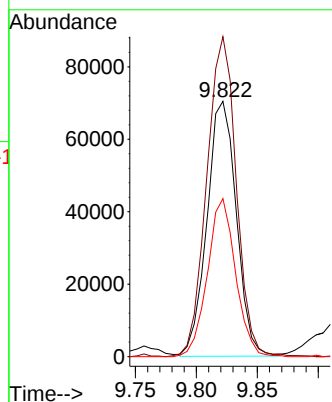
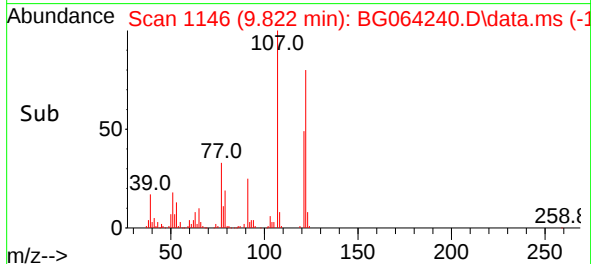


#27
2,4-Dimethylphenol
Concen: 41.240 ng
RT: 9.822 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

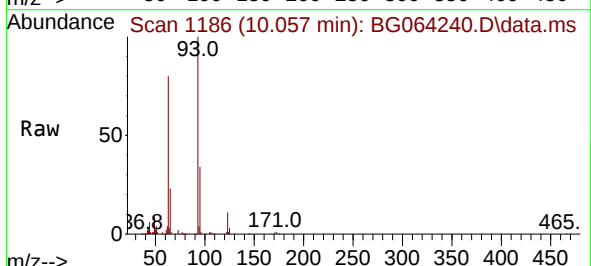
Instrument :
BNA_G
ClientSampleId :



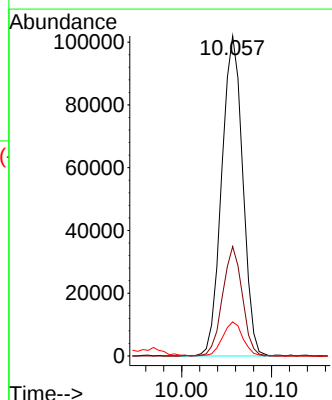
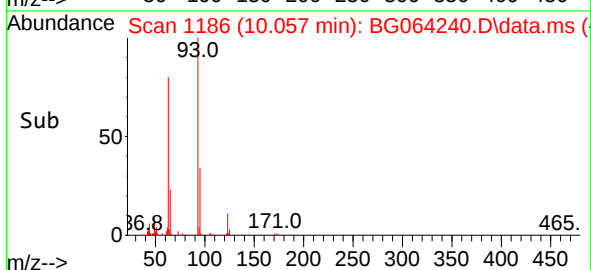
Tgt Ion:122 Resp: 118031
Ion Ratio Lower Upper
122 100
107 125.3 99.9 149.9
121 61.9 48.6 72.8

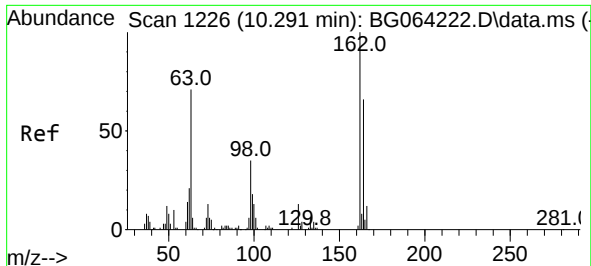


#28
bis(2-Chloroethoxy)methane
Concen: 40.953 ng
RT: 10.057 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10



Tgt Ion: 93 Resp: 165717
Ion Ratio Lower Upper
93 100
95 34.2 23.9 35.9
123 10.6 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 40.880 ng

RT: 10.292 min Scan# 1226

Delta R.T. -0.006 min

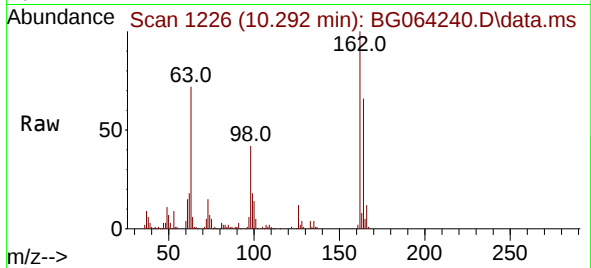
Lab File: BG064240.D

Acq: 2 Sep 2025 11:10

Instrument :

BNA_G

ClientSampleId :



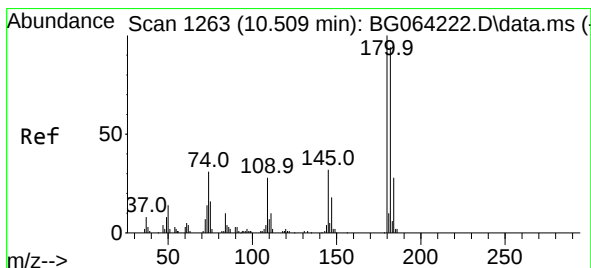
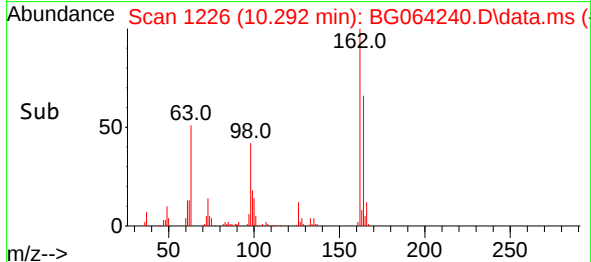
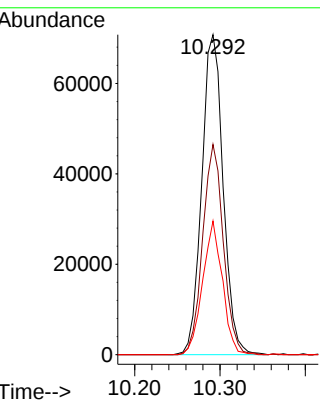
Tgt Ion:162 Resp: 123451

Ion Ratio Lower Upper

162 100

164 65.7 45.8 85.8

98 41.7 15.2 55.2



#30

1,2,4-Trichlorobenzene

Concen: 39.842 ng

RT: 10.509 min Scan# 1263

Delta R.T. 0.000 min

Lab File: BG064240.D

Acq: 2 Sep 2025 11:10

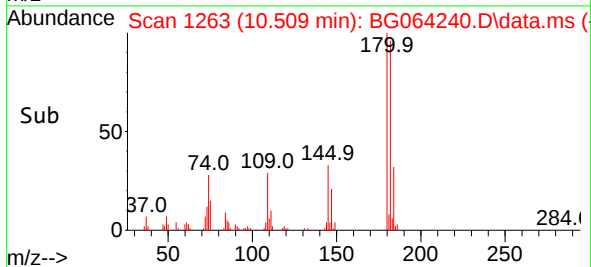
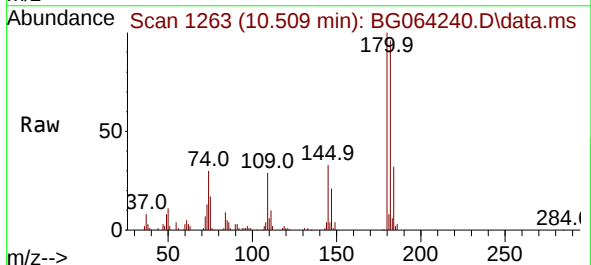
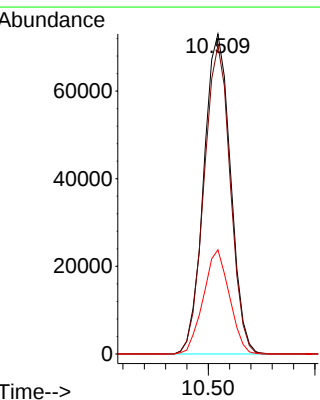
Tgt Ion:180 Resp: 126861

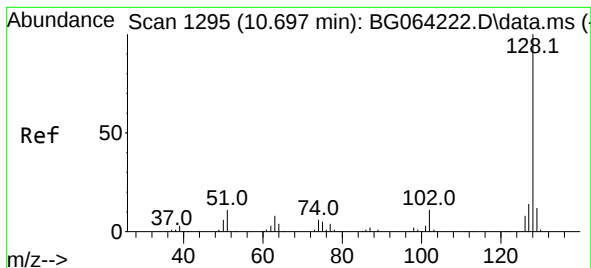
Ion Ratio Lower Upper

180 100

182 96.5 75.0 112.6

145 32.6 25.4 38.0





#31

Naphthalene

Concen: 39.952 ng

RT: 10.697 min Scan# 1171

Delta R.T. 0.000 min

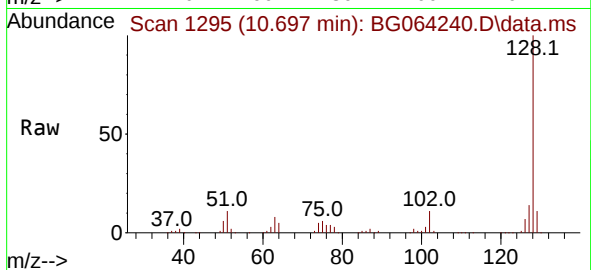
Lab File: BG064240.D

Acq: 2 Sep 2025 11:10

Instrument :

BNA_G

ClientSampleId :



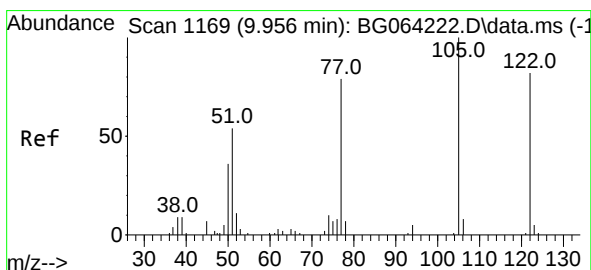
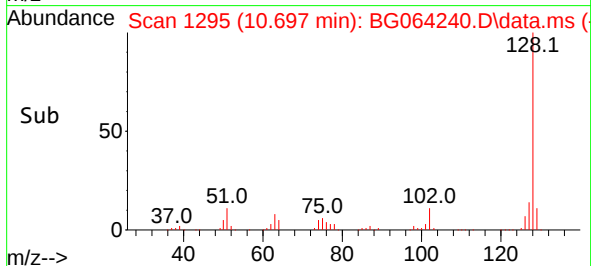
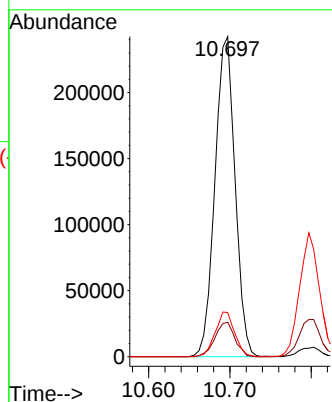
Tgt Ion:128 Resp: 417200

Ion Ratio Lower Upper

128 100

129 10.7 9.4 14.2

127 13.8 10.9 16.3



#32

Benzoic acid

Concen: 39.889 ng

RT: 9.969 min Scan# 1171

Delta R.T. -0.047 min

Lab File: BG064240.D

Acq: 2 Sep 2025 11:10

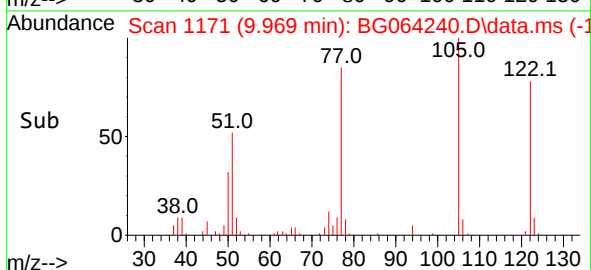
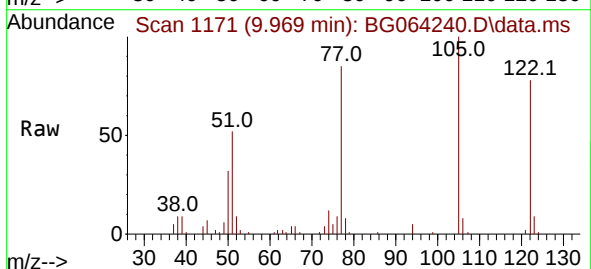
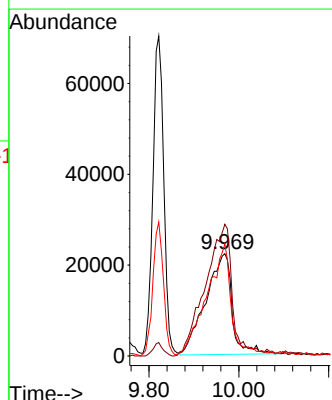
Tgt Ion:122 Resp: 90624

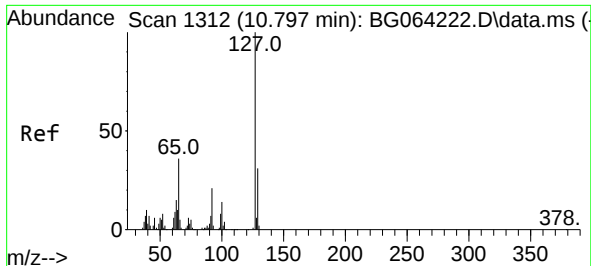
Ion Ratio Lower Upper

122 100

105 128.8 98.5 138.5

77 109.5 74.6 114.6

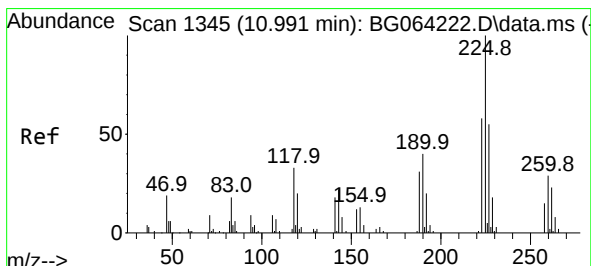
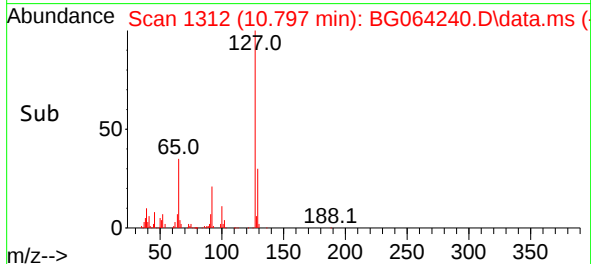
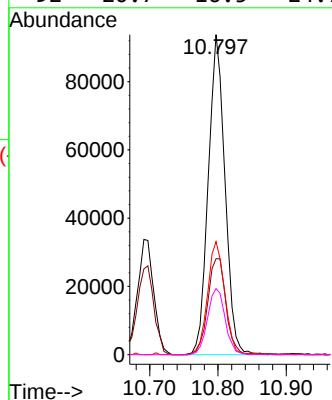
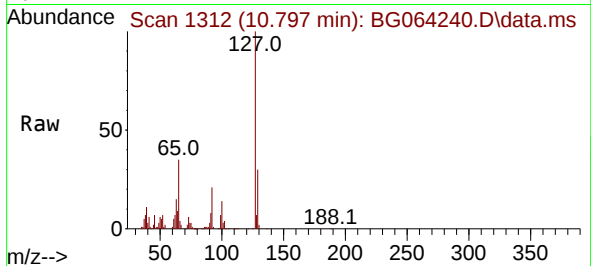




#33
4-Chloroaniline
Concen: 39.519 ng
RT: 10.797 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

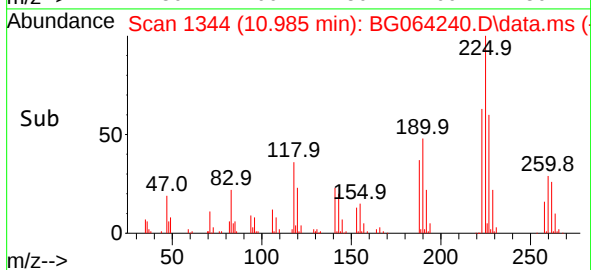
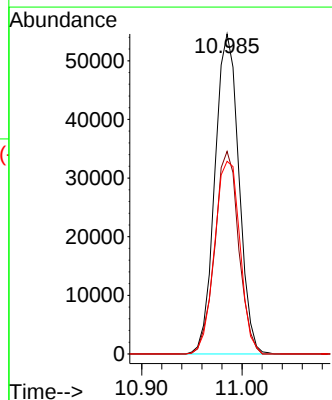
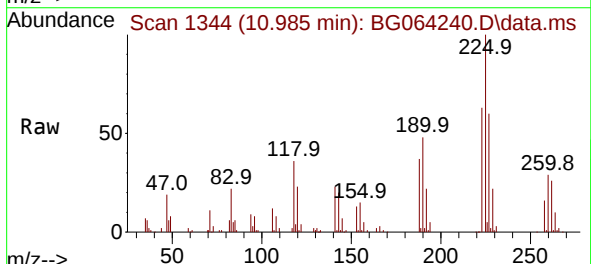
Instrument :
BNA_G
ClientSampleId :

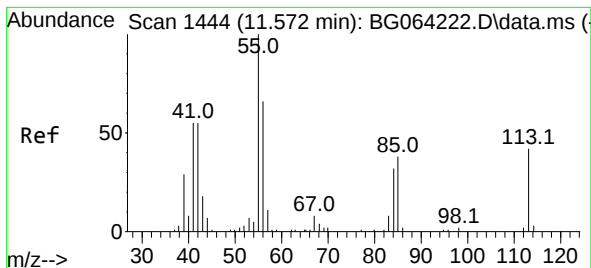
Tgt Ion:	127	Resp:	159950
Ion	Ratio	Lower	Upper
127	100		
129	30.0	25.0	37.4
65	35.3	28.7	43.1
92	20.7	16.5	24.7



#34
Hexachlorobutadiene
Concen: 38.415 ng
RT: 10.985 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:	225	Resp:	90415
Ion	Ratio	Lower	Upper
225	100		
223	63.3	46.5	69.7
227	60.2	44.1	66.1





#35

Caprolactam

Concen: 34.557 ng

RT: 11.573 min Scan# 14

Delta R.T. -0.029 min

Lab File: BG064240.D

Acq: 2 Sep 2025 11:10

Instrument :

BNA_G

ClientSampleId :

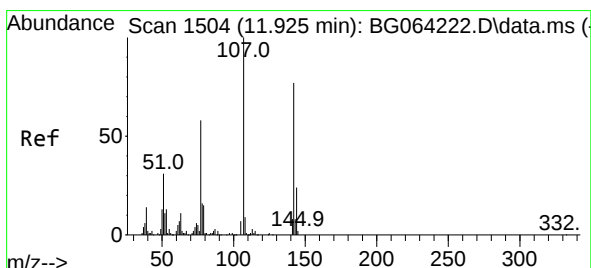
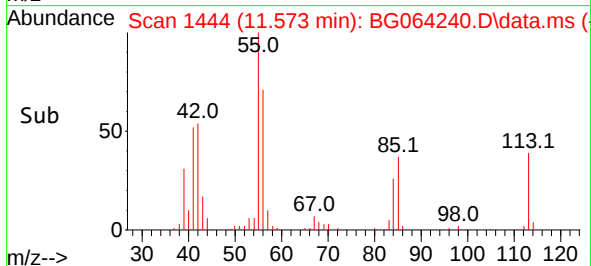
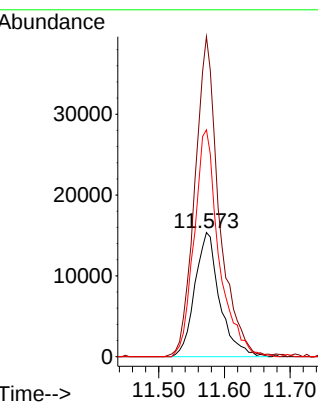
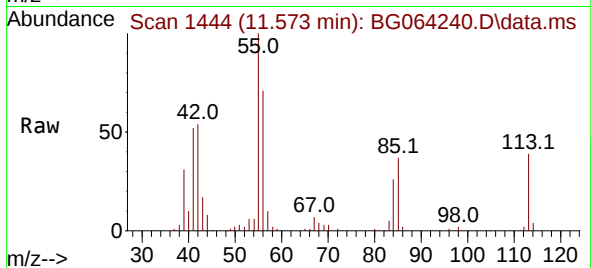
Tgt Ion:113 Resp: 40407

Ion Ratio Lower Upper

113 100

55 257.6 218.5 258.5

56 182.6 138.5 178.5#



#36

4-Chloro-3-methylphenol

Concen: 38.256 ng

RT: 11.925 min Scan# 1504

Delta R.T. -0.006 min

Lab File: BG064240.D

Acq: 2 Sep 2025 11:10

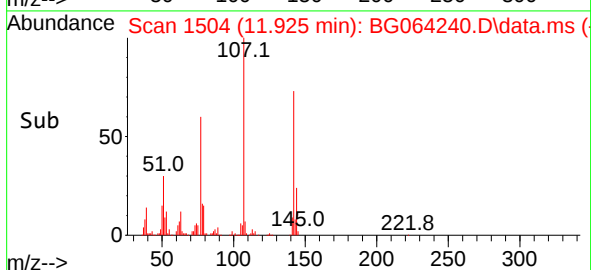
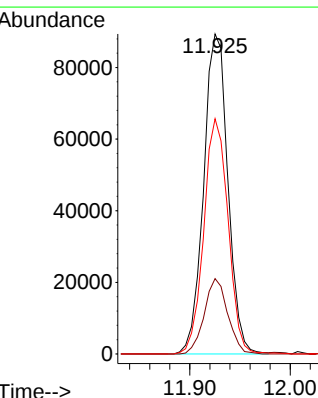
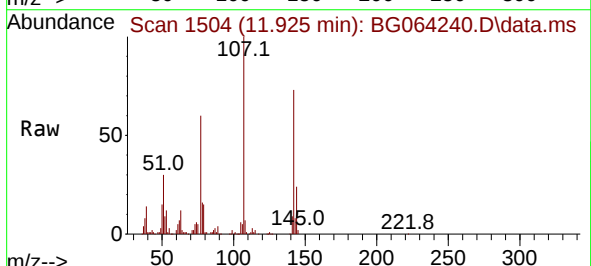
Tgt Ion:107 Resp: 149890

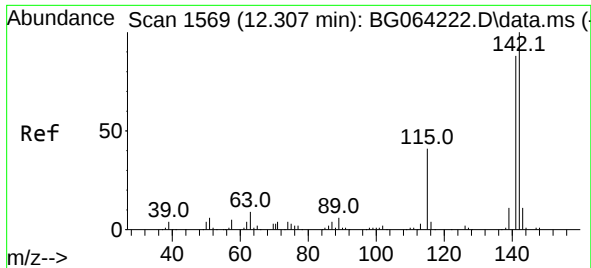
Ion Ratio Lower Upper

107 100

144 23.5 19.5 29.3

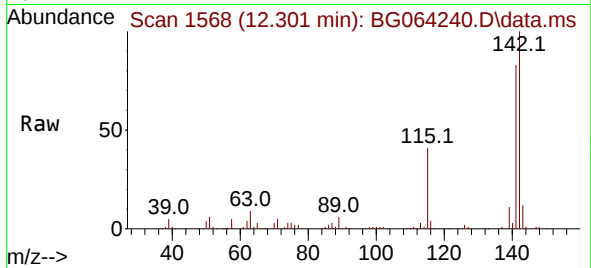
142 73.5 62.0 93.0



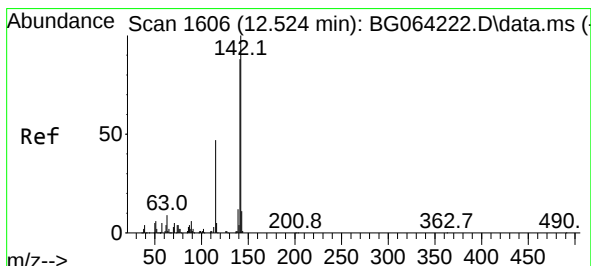
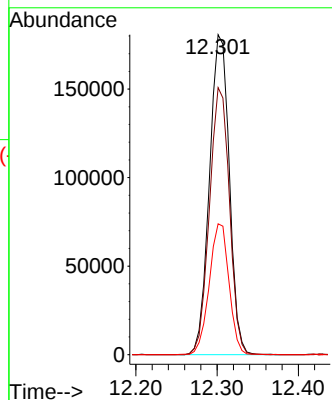
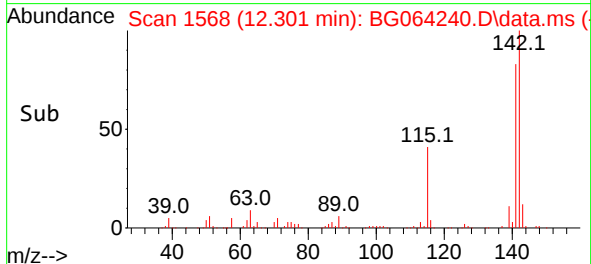


#37
2-Methylnaphthalene
Concen: 39.440 ng
RT: 12.301 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

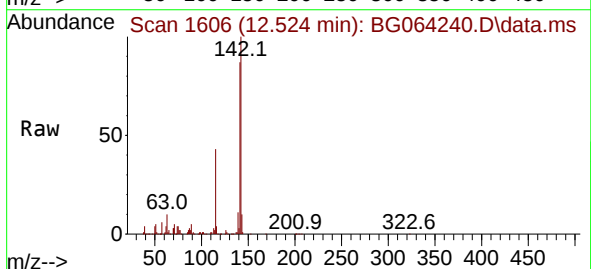
Instrument :
BNA_G
ClientSampleId :



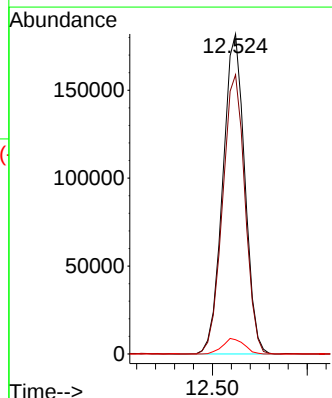
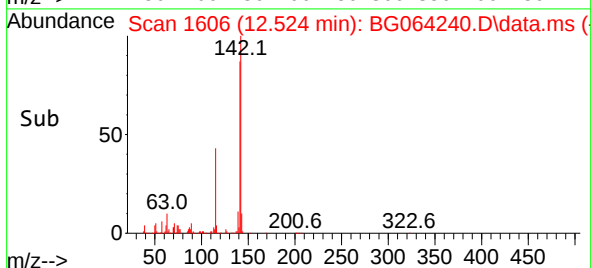
Tgt Ion:142 Resp: 306138
Ion Ratio Lower Upper
142 100
141 83.4 70.1 105.1
115 40.9 33.1 49.7

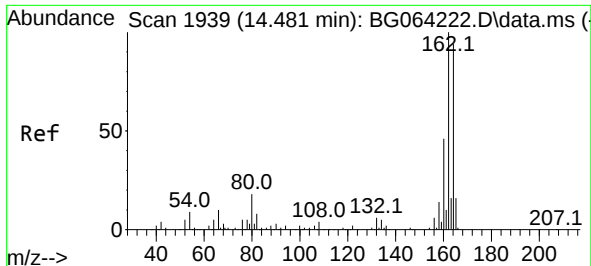


#38
1-Methylnaphthalene
Concen: 38.207 ng
RT: 12.524 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10



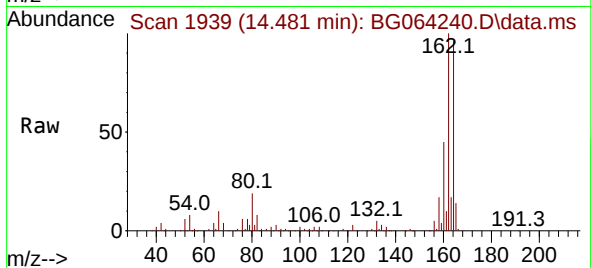
Tgt Ion:142 Resp: 292923
Ion Ratio Lower Upper
142 100
141 87.3 70.3 105.5
116 4.5 3.7 5.5



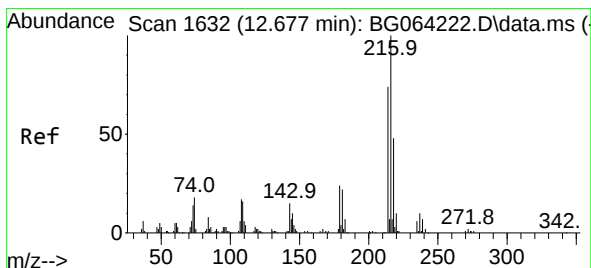
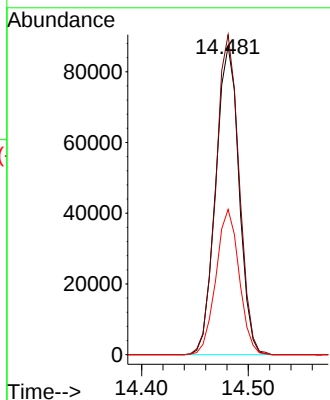
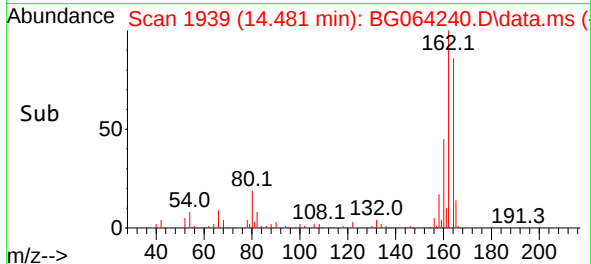


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

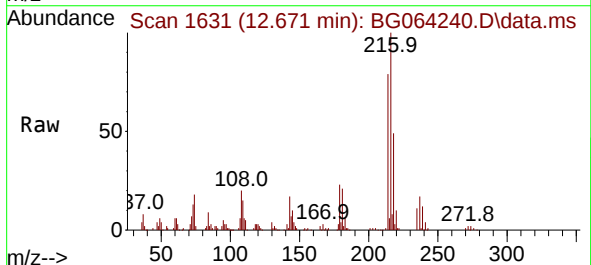
Instrument :
BNA_G
ClientSampleId :



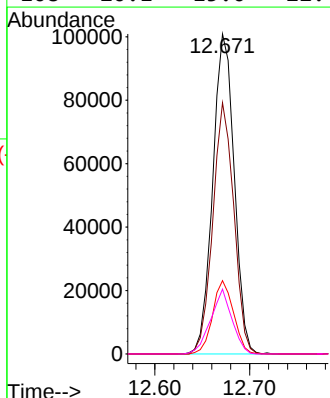
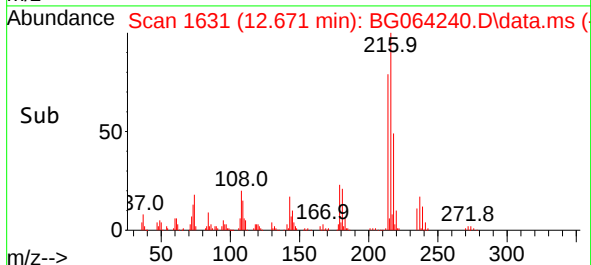
Tgt Ion:164 Resp: 132047
Ion Ratio Lower Upper
164 100
162 103.7 85.4 128.0
160 47.1 39.2 58.8

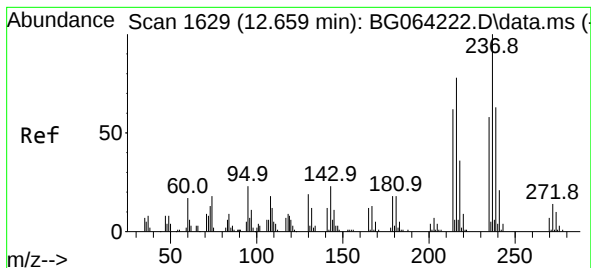


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.696 ng
RT: 12.671 min Scan# 1631
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10



Tgt Ion:216 Resp: 158860
Ion Ratio Lower Upper
216 100
214 76.8 61.9 92.9
179 22.2 17.9 26.9
108 20.1 15.0 22.4

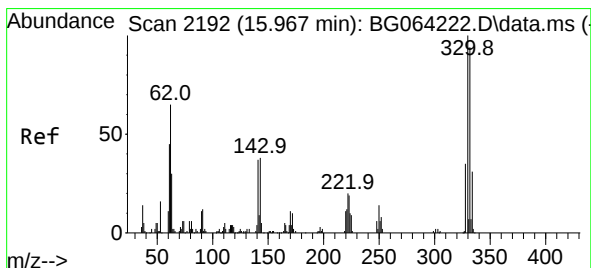
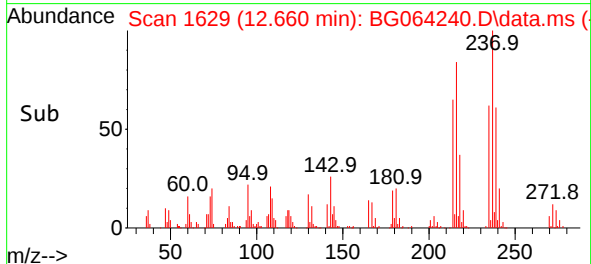
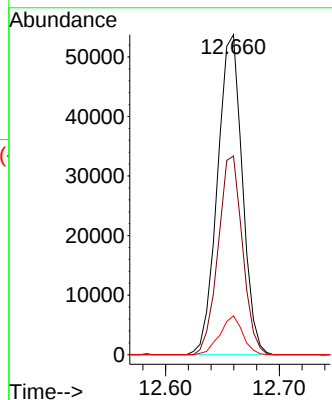
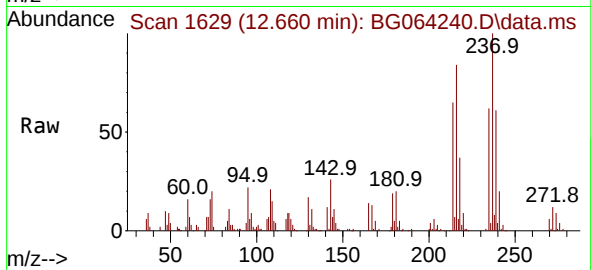




#41
Hexachlorocyclopentadiene
Concen: 45.129 ng
RT: 12.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

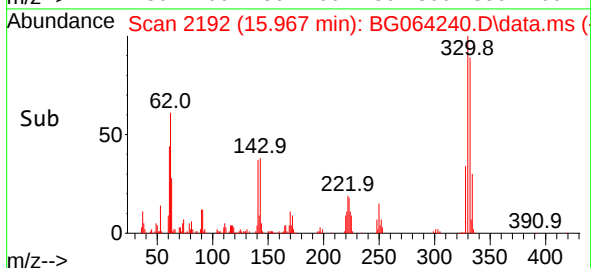
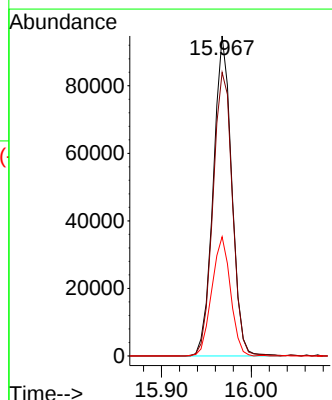
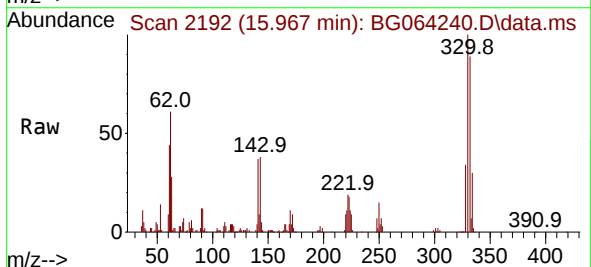
Instrument :
BNA_G
ClientSampleId :

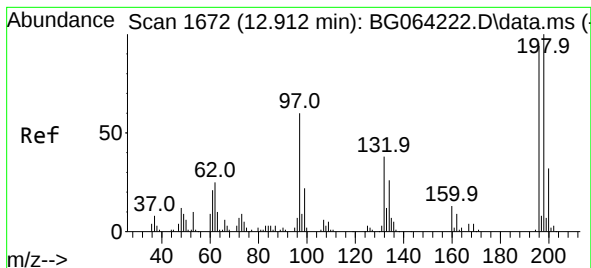
Tgt Ion:237 Resp: 81717
Ion Ratio Lower Upper
237 100
235 62.1 37.9 77.9
272 12.1 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 77.164 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:330 Resp: 134961
Ion Ratio Lower Upper
330 100
332 93.3 77.6 116.4
141 37.8 29.8 44.6





#43

2,4,6-Trichlorophenol

Concen: 42.067 ng

RT: 12.912 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG064240.D

Acq: 2 Sep 2025 11:10

Instrument :

BNA_G

ClientSampleId :

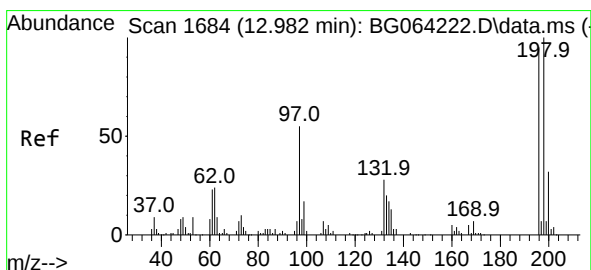
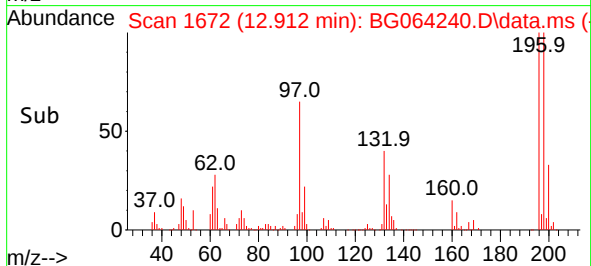
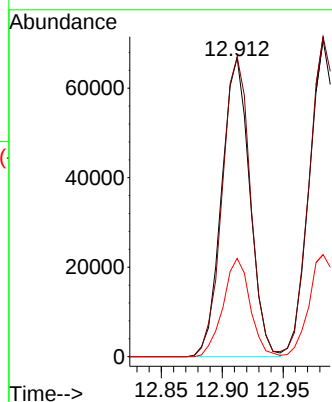
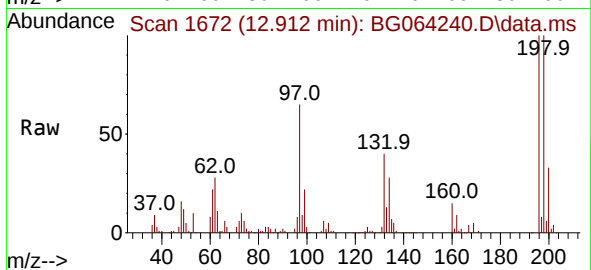
Tgt Ion:196 Resp: 107124

Ion Ratio Lower Upper

196 100

198 100.3 85.4 128.2

200 32.9 27.3 40.9



#44

2,4,5-Trichlorophenol

Concen: 40.587 ng

RT: 12.983 min Scan# 1684

Delta R.T. -0.006 min

Lab File: BG064240.D

Acq: 2 Sep 2025 11:10

Tgt Ion:196 Resp: 112117

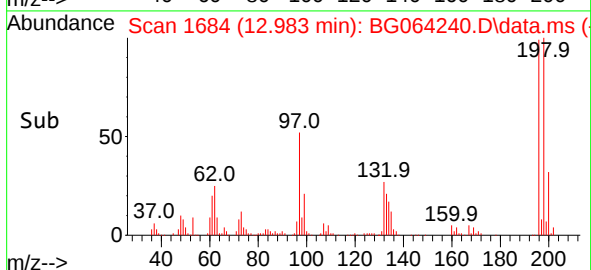
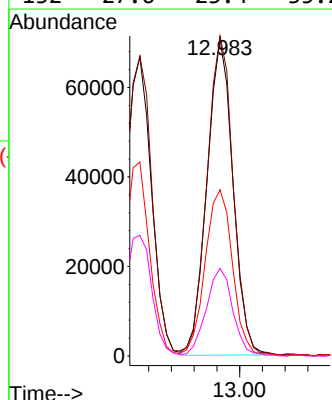
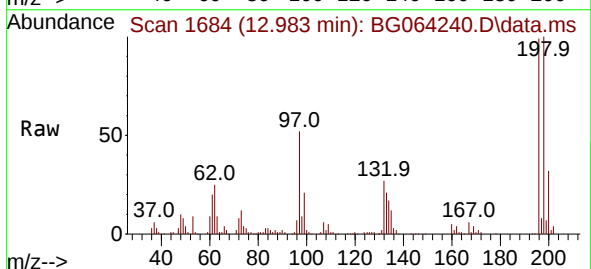
Ion Ratio Lower Upper

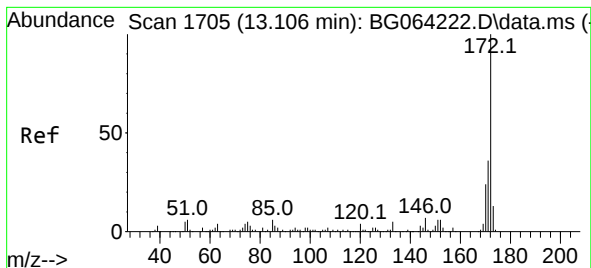
196 100

198 100.9 84.5 126.7

97 52.4 46.8 70.2

132 27.6 23.4 35.2

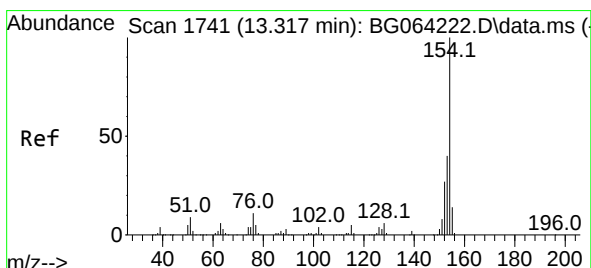
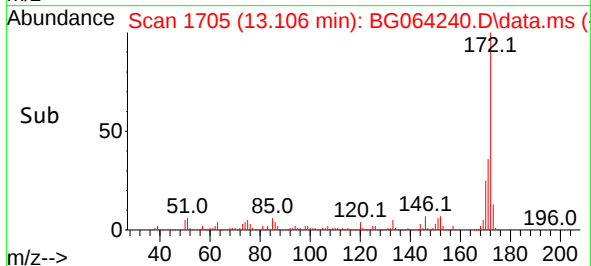
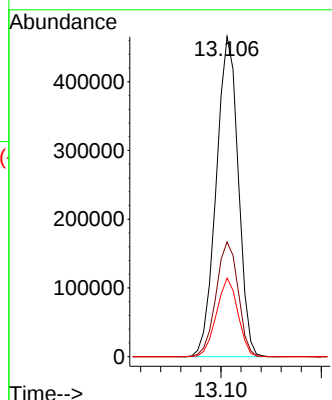
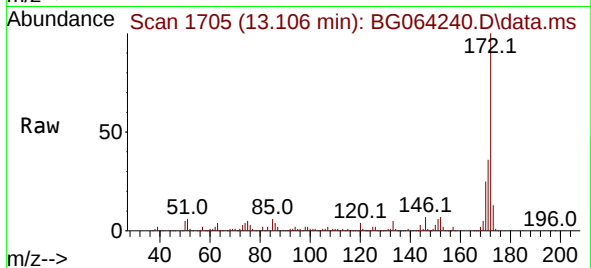




#45
2-Fluorobiphenyl
Concen: 81.947 ng
RT: 13.106 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

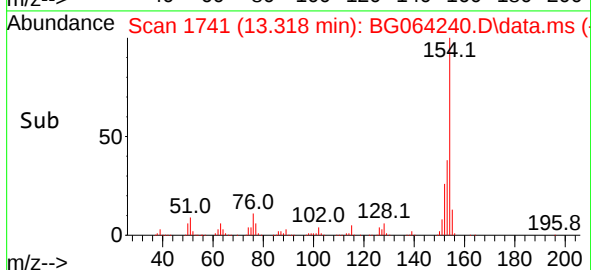
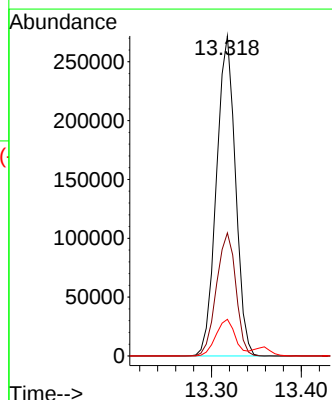
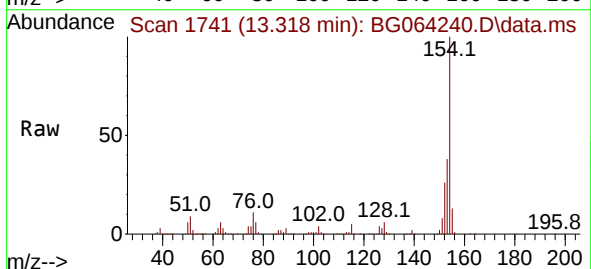
Instrument :
BNA_G
ClientSampleId :

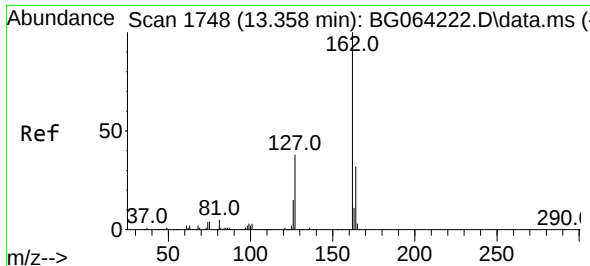
Tgt Ion:172 Resp: 708935
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 24.5 19.0 28.6



#46
1,1'-Biphenyl
Concen: 41.507 ng
RT: 13.318 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

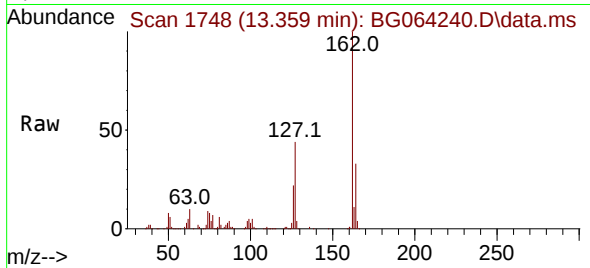
Tgt Ion:154 Resp: 399200
Ion Ratio Lower Upper
154 100
153 38.5 19.9 59.9
76 11.5 0.0 30.9



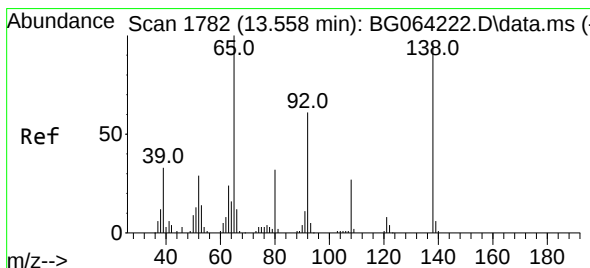
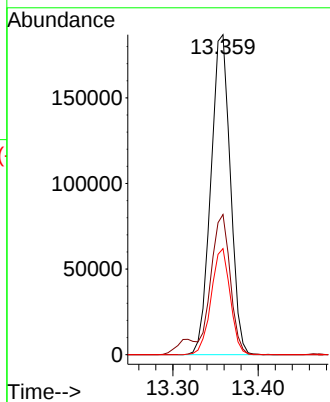
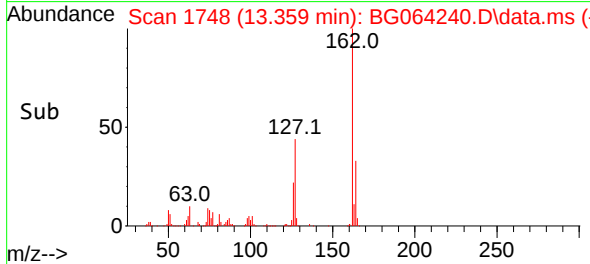


#47
2-Chloronaphthalene
Concen: 41.050 ng
RT: 13.359 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :

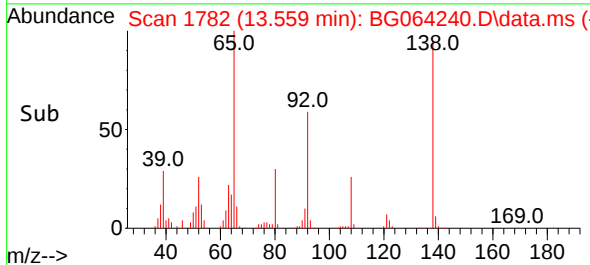
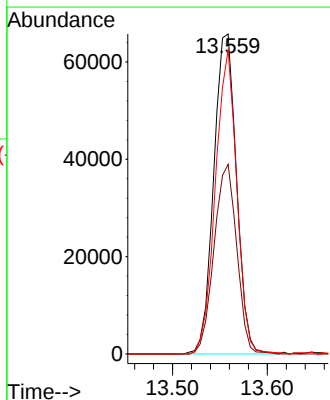
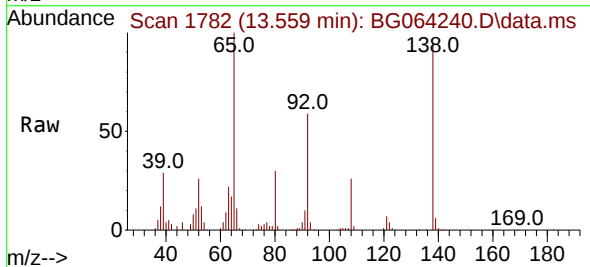


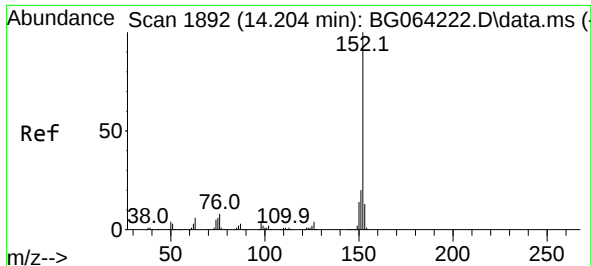
Tgt Ion:162 Resp: 296806
Ion Ratio Lower Upper
162 100
127 43.8 33.9 50.9
164 33.1 25.4 38.2



#48
2-Nitroaniline
Concen: 44.470 ng
RT: 13.559 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

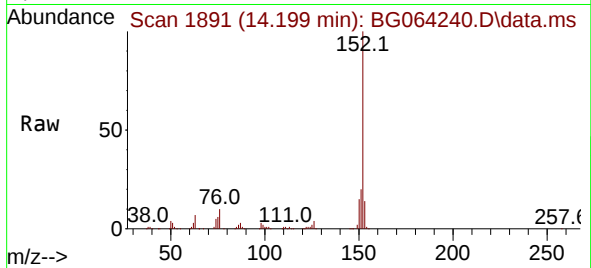
Tgt Ion: 65 Resp: 109593
Ion Ratio Lower Upper
65 100
92 59.2 49.2 73.8
138 95.0 76.8 115.2



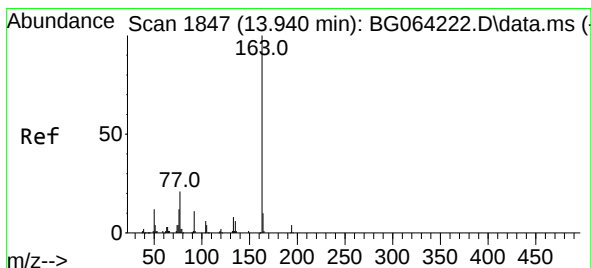
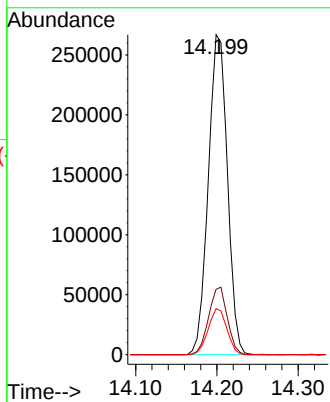
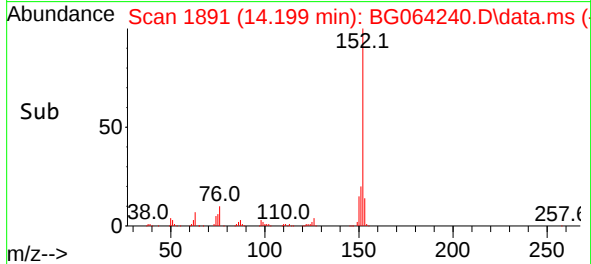


#49
Acenaphthylene
Concen: 40.734 ng
RT: 14.199 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :

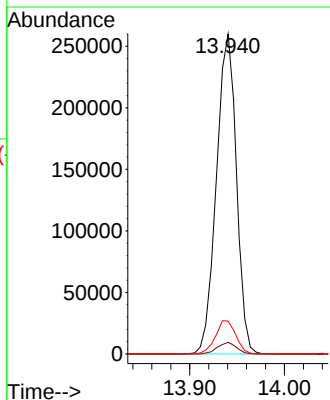
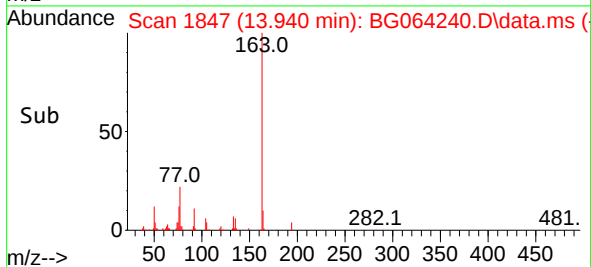
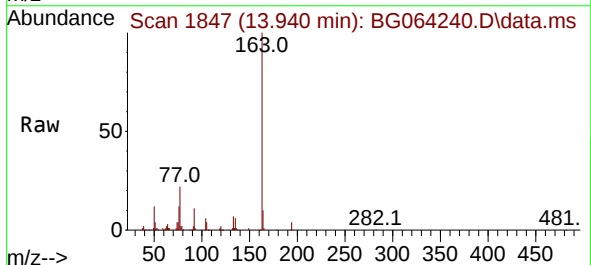


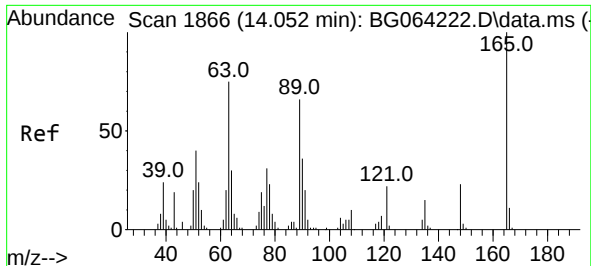
Tgt Ion:152 Resp: 435375
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 14.4 10.1 15.1



#50
Dimethylphthalate
Concen: 38.151 ng
RT: 13.940 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:163 Resp: 381311
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.3 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 40.428 ng

RT: 14.052 min Scan# 1866

Delta R.T. -0.006 min

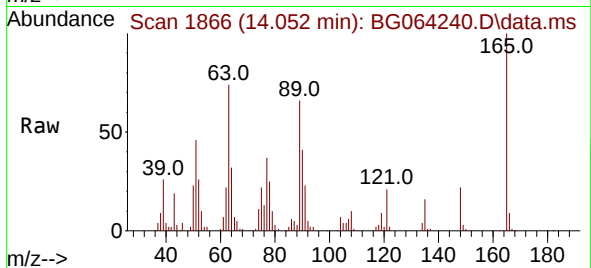
Lab File: BG064240.D

Acq: 2 Sep 2025 11:10

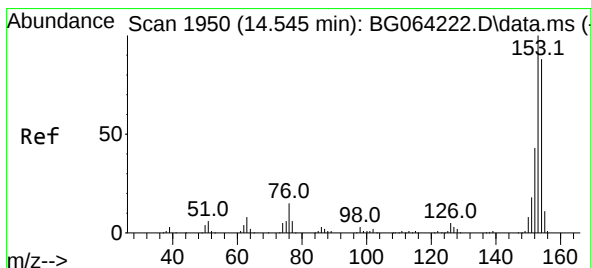
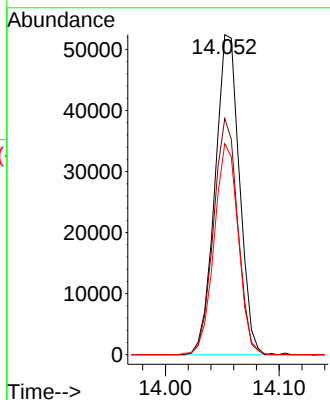
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165	Resp:	78226
Ion Ratio	Lower	Upper
165	100	
63	73.8	60.3 90.5
89	65.9	52.9 79.3



#52

Acenaphthene

Concen: 40.667 ng

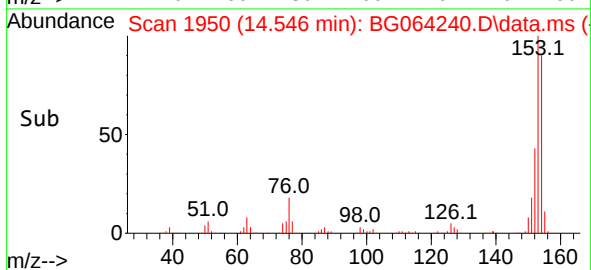
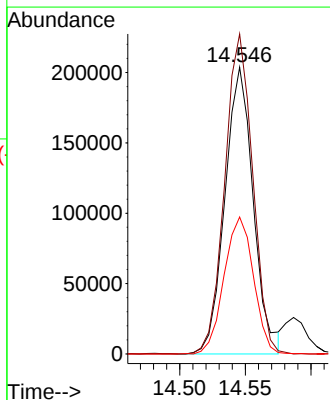
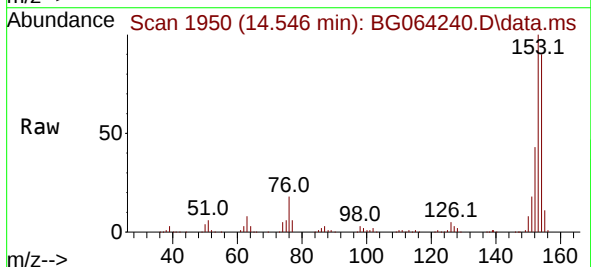
RT: 14.546 min Scan# 1950

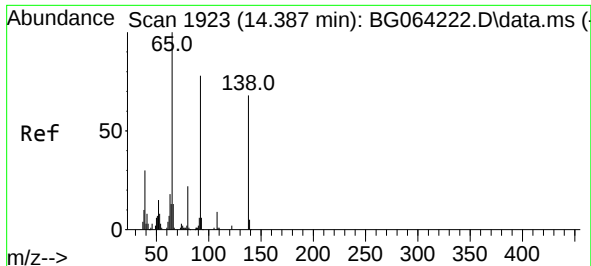
Delta R.T. -0.006 min

Lab File: BG064240.D

Acq: 2 Sep 2025 11:10

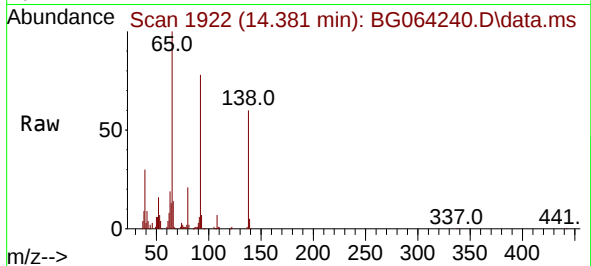
Tgt Ion:154	Resp:	306743
Ion Ratio	Lower	Upper
154	100	
153	111.6	91.1 136.7
152	47.8	39.6 59.4



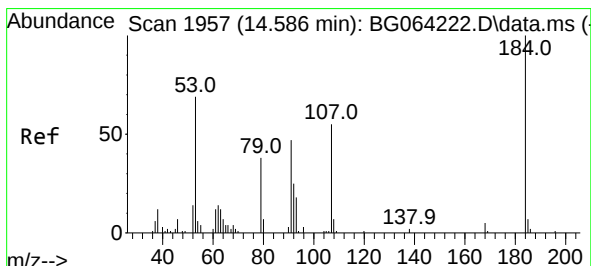
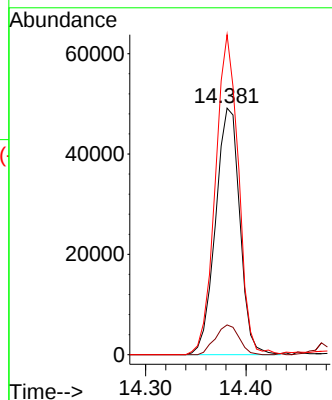
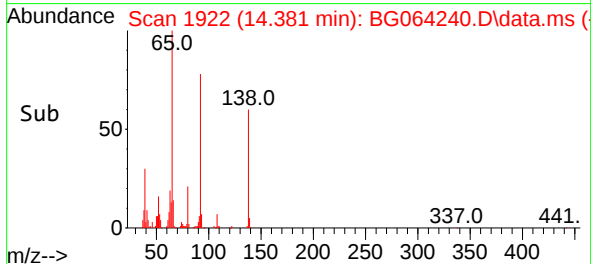


#53
3-Nitroaniline
Concen: 40.753 ng
RT: 14.381 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :

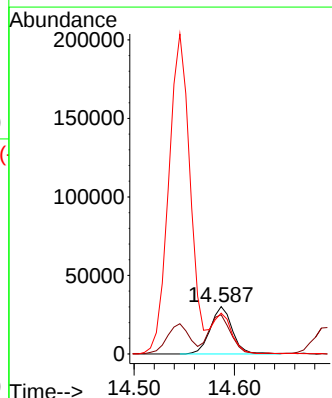
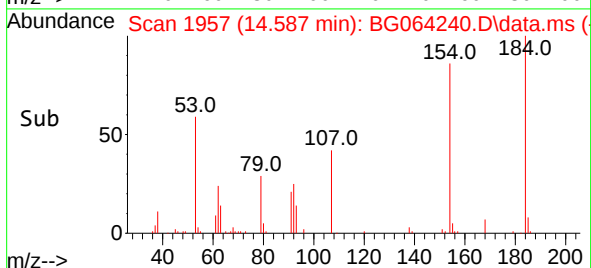
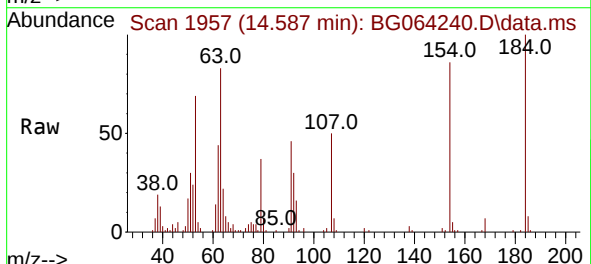


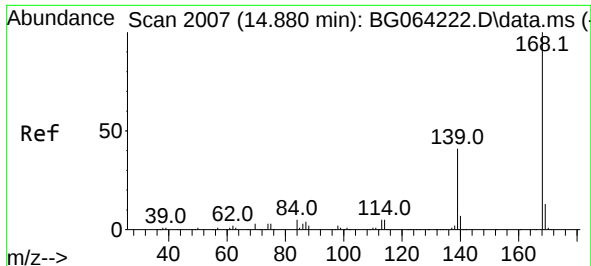
Tgt Ion:138 Resp: 82599
Ion Ratio Lower Upper
138 100
108 12.0 11.0 16.6
92 129.8 91.4 137.0



#54
2,4-Dinitrophenol
Concen: 39.142 ng
RT: 14.587 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:184 Resp: 45557
Ion Ratio Lower Upper
184 100
63 83.1 60.1 90.1
154 86.1 59.8 89.8

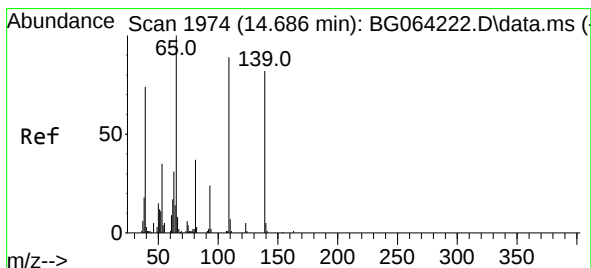
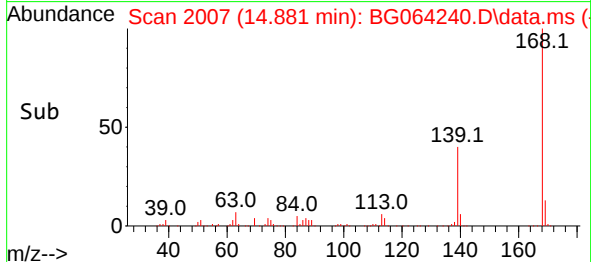
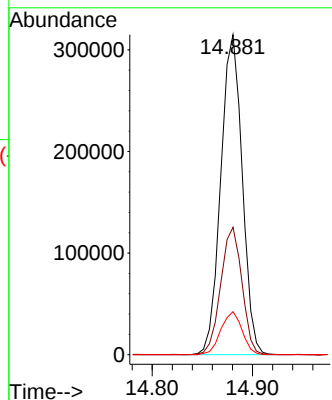
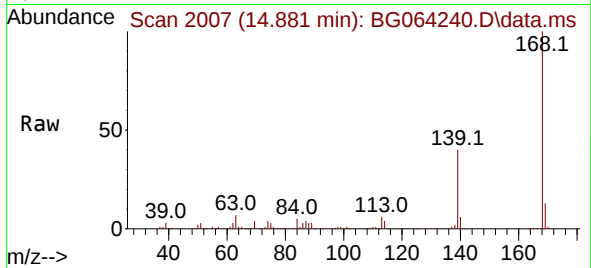




#55
Dibenzofuran
Concen: 39.337 ng
RT: 14.881 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

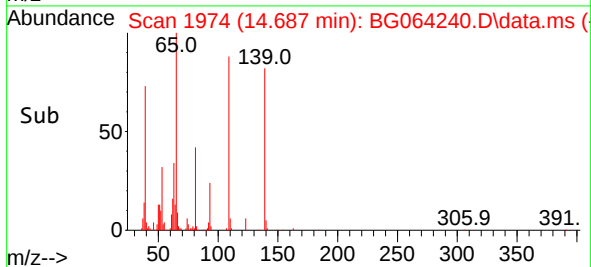
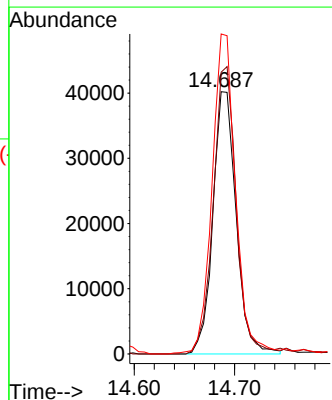
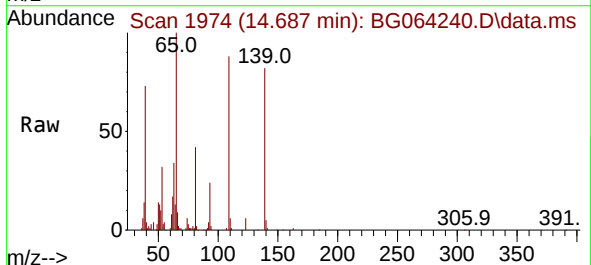
Instrument :
BNA_G
ClientSampleId :

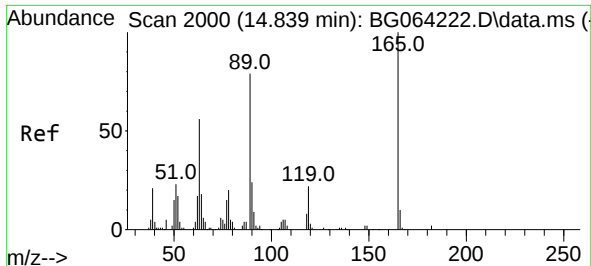
Tgt Ion:168 Resp: 466702
Ion Ratio Lower Upper
168 100
139 39.8 33.2 49.8
169 13.5 10.4 15.6



#56
4-Nitrophenol
Concen: 39.109 ng
RT: 14.687 min Scan# 1974
Delta R.T. -0.012 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

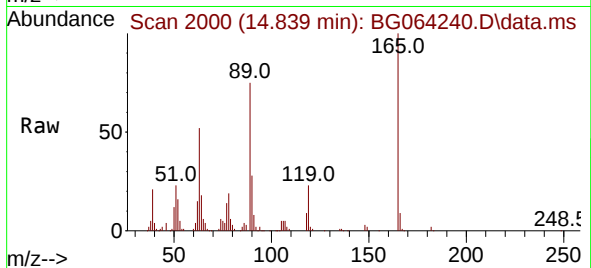
Tgt Ion:139 Resp: 65023
Ion Ratio Lower Upper
139 100
109 107.5 89.1 129.1
65 122.0 102.9 142.9



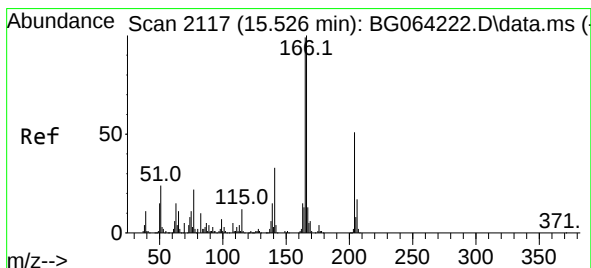
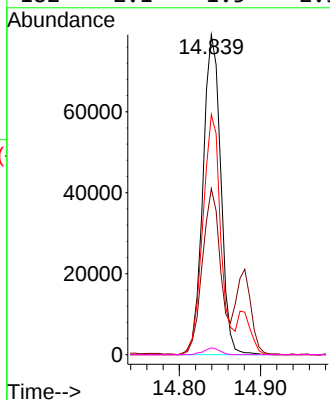
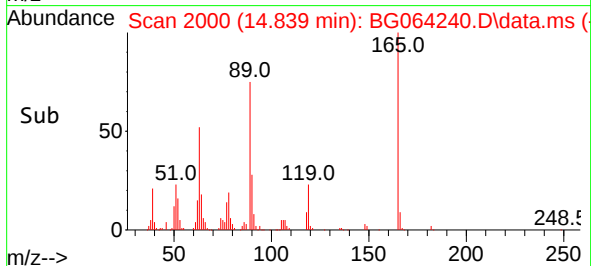


#57
2,4-Dinitrotoluene
Concen: 40.888 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

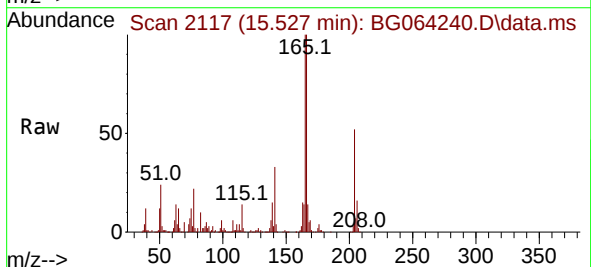
Instrument :
BNA_G
ClientSampleId :



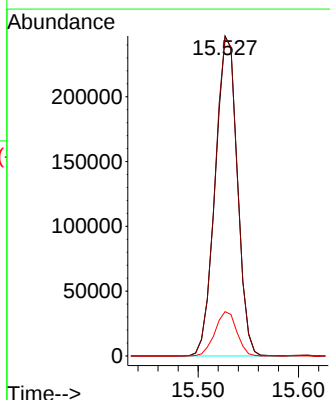
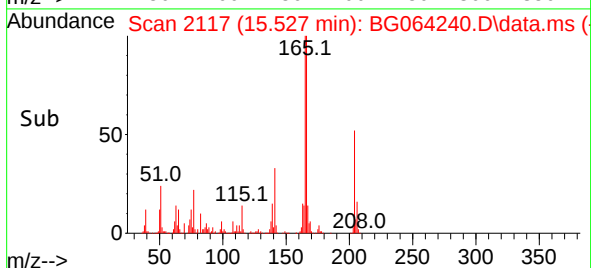
Tgt Ion:165 Resp: 119624
Ion Ratio Lower Upper
165 100
63 51.9 44.6 67.0
89 75.1 63.0 94.4
182 2.1 1.5 2.3

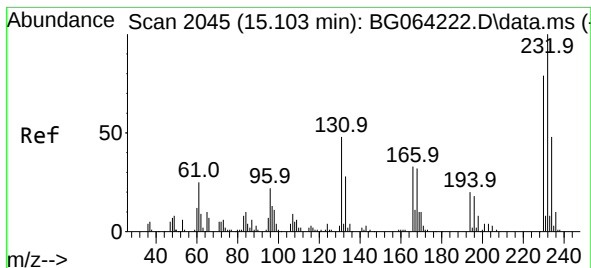


#58
Fluorene
Concen: 38.704 ng
RT: 15.527 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10



Tgt Ion:166 Resp: 376365
Ion Ratio Lower Upper
166 100
165 99.7 79.1 118.7
167 13.9 10.2 15.4

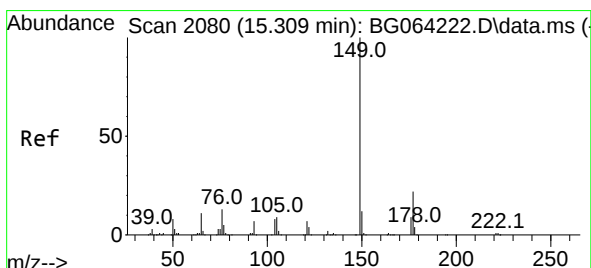
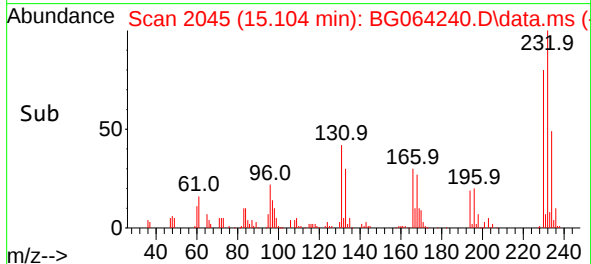
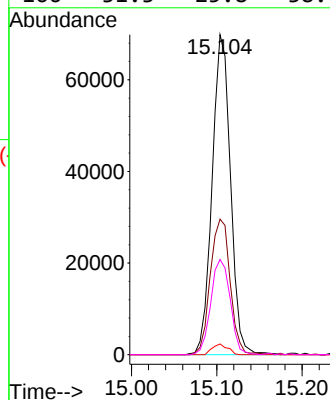
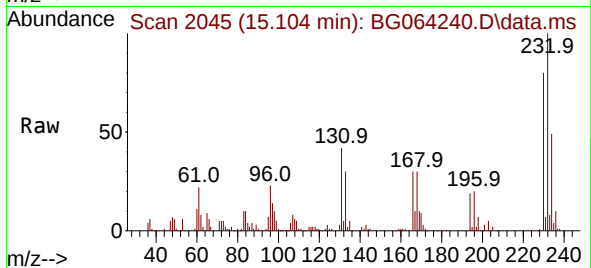




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.384 ng
RT: 15.104 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

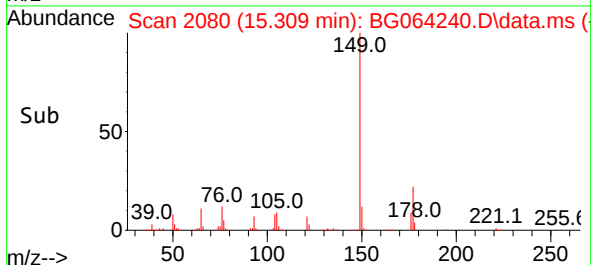
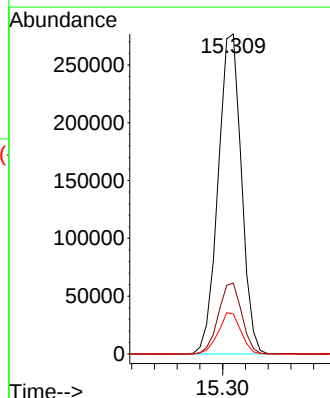
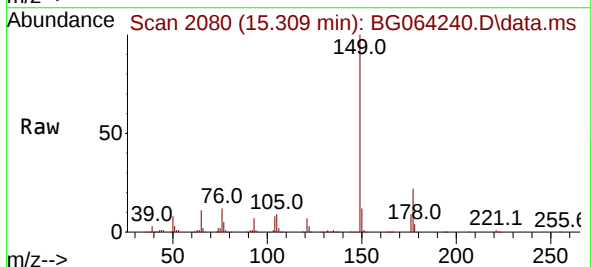
Instrument :
BNA_G
ClientSampleId :

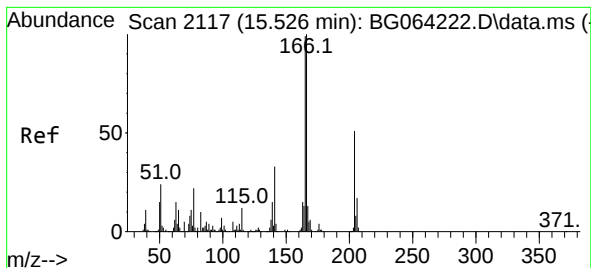
Tgt Ion:232 Resp: 104638
Ion Ratio Lower Upper
232 100
131 45.8 37.1 55.7
130 2.8 2.6 3.8
166 31.3 25.8 38.6



#60
Diethylphthalate
Concen: 36.786 ng
RT: 15.309 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:149 Resp: 393489
Ion Ratio Lower Upper
149 100
177 22.2 17.5 26.3
150 12.5 9.9 14.9

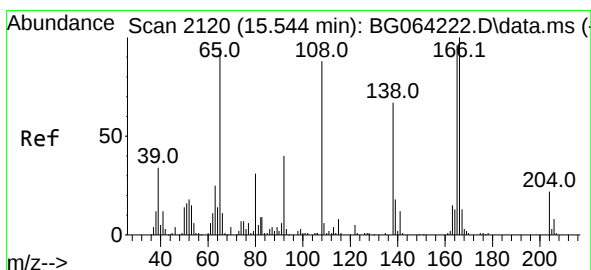
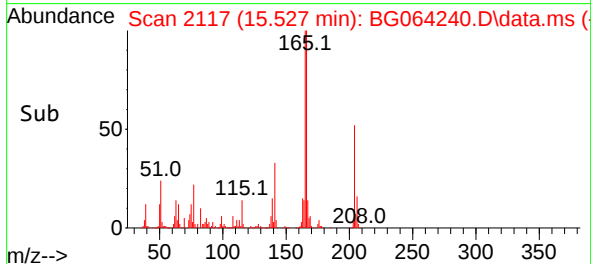
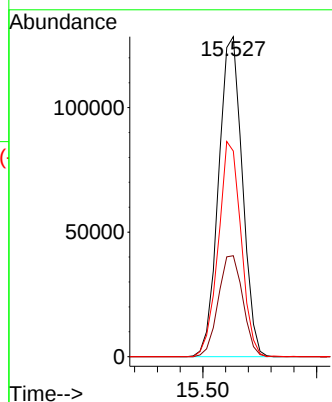
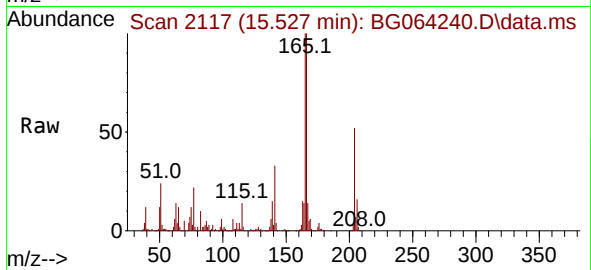




#61
4-Chlorophenyl-phenylether
Concen: 38.449 ng
RT: 15.527 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

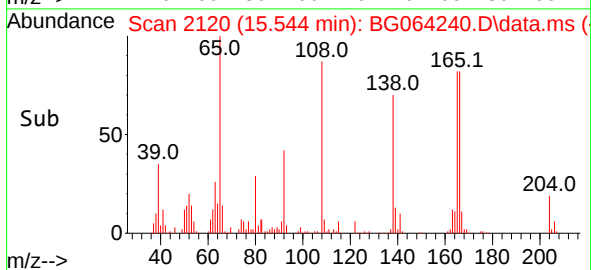
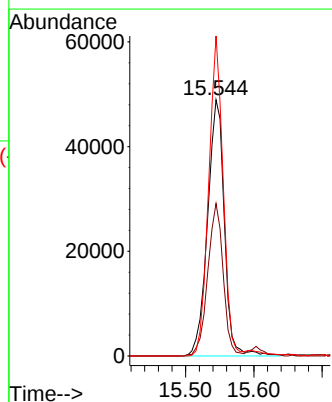
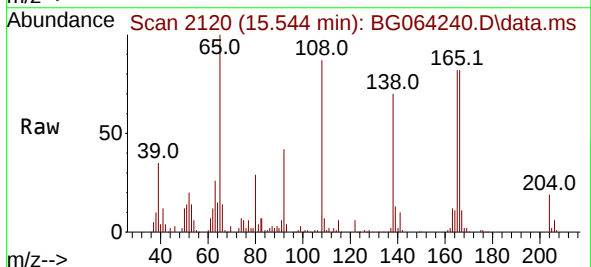
Instrument :
BNA_G
ClientSampleId :

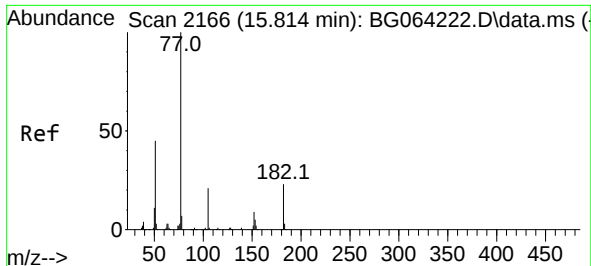
Tgt Ion:204 Resp: 186415
Ion Ratio Lower Upper
204 100
206 31.6 26.2 39.4
141 64.2 51.9 77.9



#62
4-Nitroaniline
Concen: 40.644 ng
RT: 15.544 min Scan# 2120
Delta R.T. -0.012 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:138 Resp: 84061
Ion Ratio Lower Upper
138 100
92 59.5 39.1 79.1
108 124.9 111.3 151.3

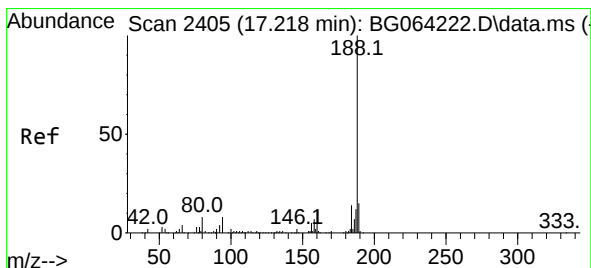
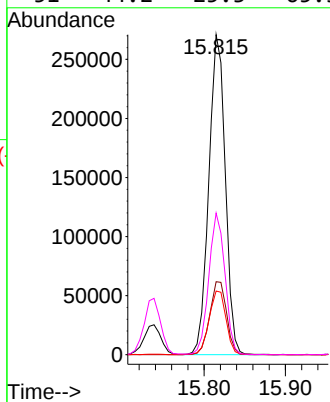
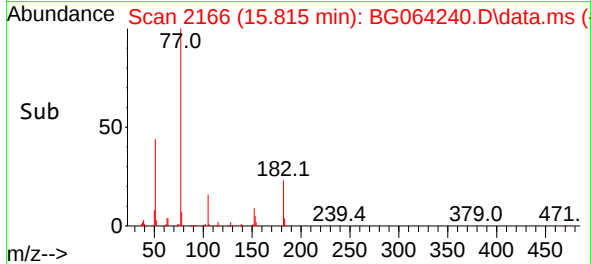
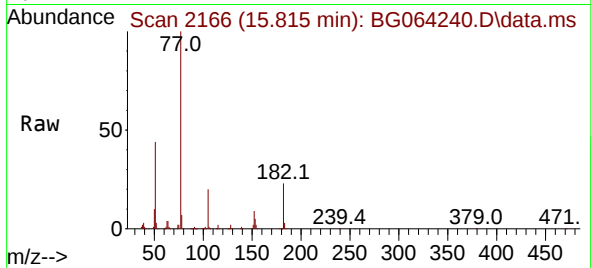




#63
Azobenzene
Concen: 39.956 ng
RT: 15.815 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

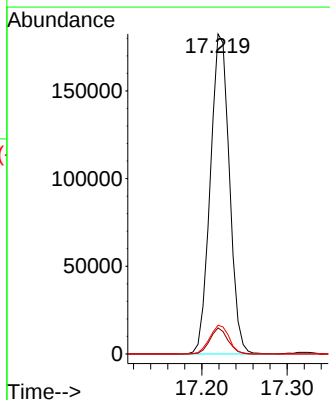
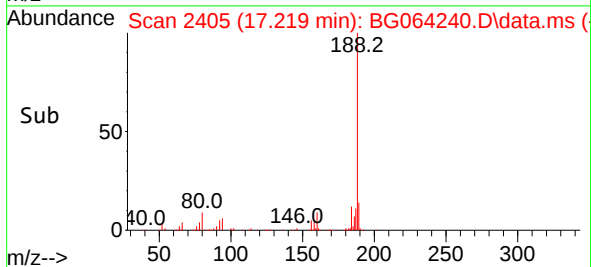
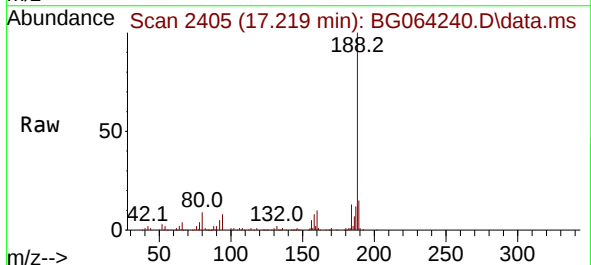
Instrument :
BNA_G
ClientSampleId :

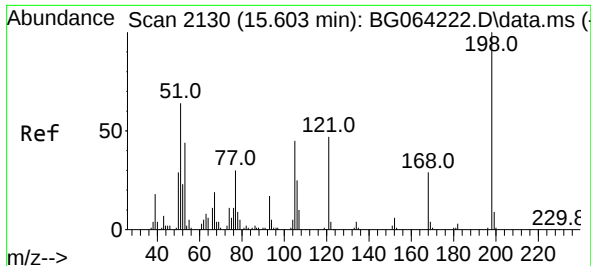
Tgt Ion: 77	Resp: 380928
Ion Ratio	Lower Upper
77 100	
182 22.8	3.3 43.3
105 19.9	0.6 40.6
51 44.2	25.3 65.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt	Ion:188	Resp:	283321
Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.2	9.4
80	9.0	6.8	10.2

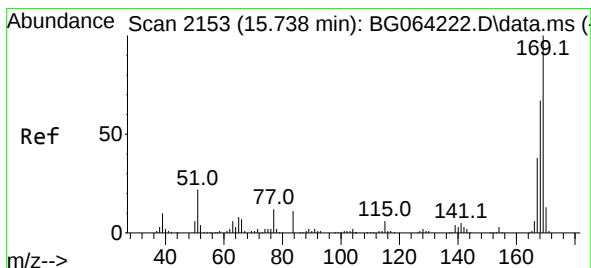
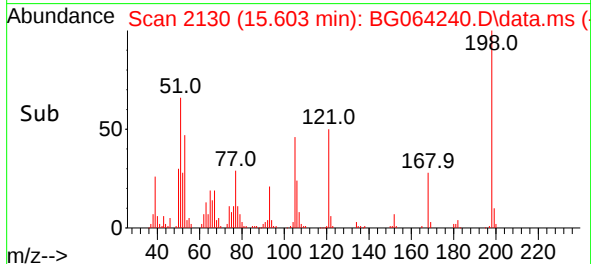
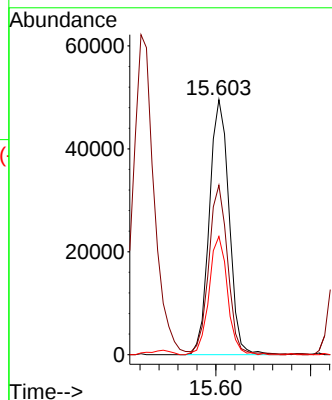
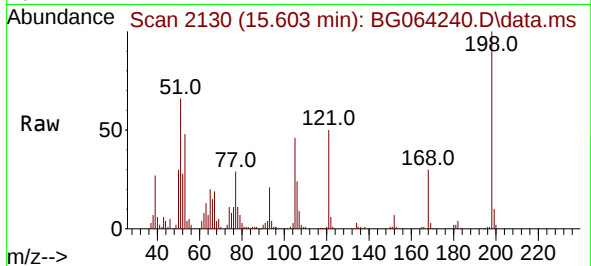




#65
4,6-Dinitro-2-methylphenol
Concen: 43.890 ng
RT: 15.603 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

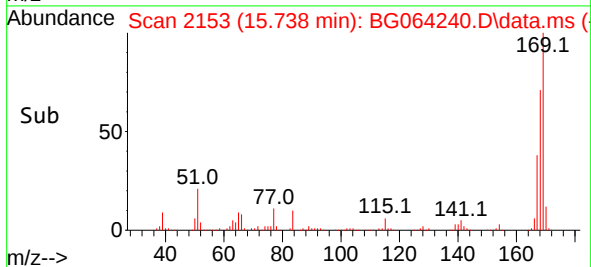
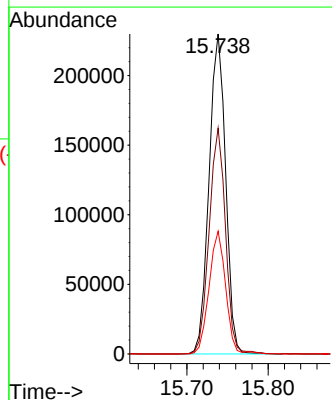
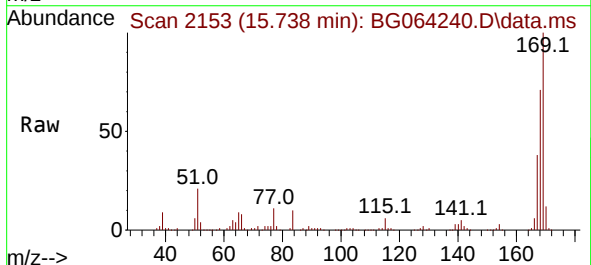
Instrument :
BNA_G
ClientSampleId :

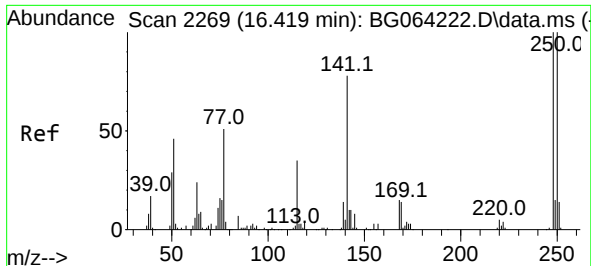
Tgt Ion:198 Resp: 71393
Ion Ratio Lower Upper
198 100
51 66.4 46.2 86.2
105 46.4 25.0 65.0



#66
n-Nitrosodiphenylamine
Concen: 41.658 ng
RT: 15.738 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:169 Resp: 324675
Ion Ratio Lower Upper
169 100
168 70.6 53.8 80.8
167 38.3 30.2 45.2

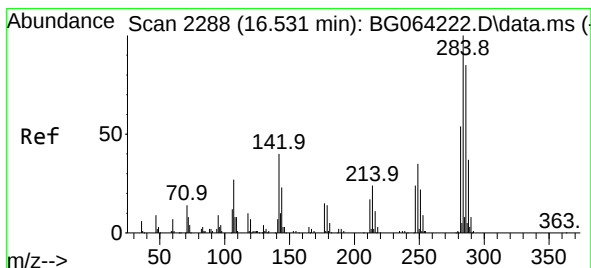
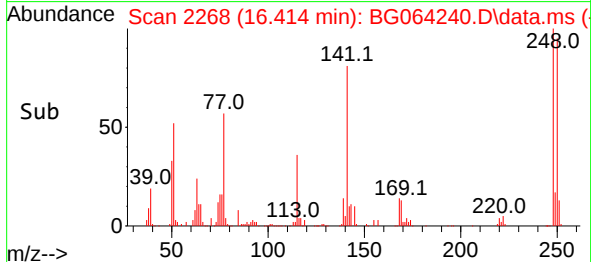
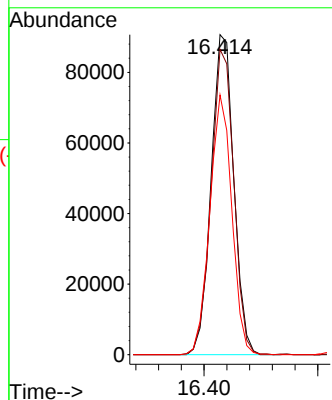
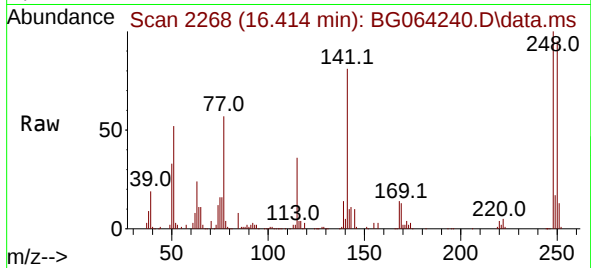




#67
 4-Bromophenyl-phenylether
 Concen: 41.691 ng
 RT: 16.414 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG064240.D
 Acq: 2 Sep 2025 11:10

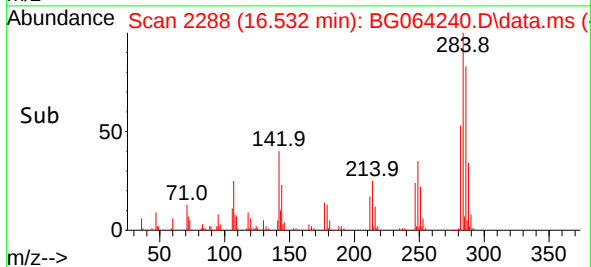
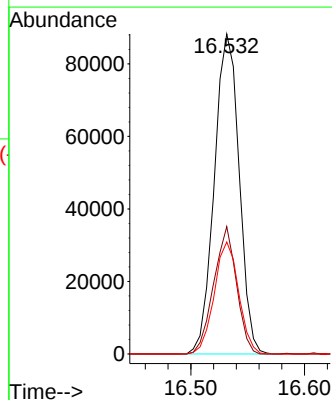
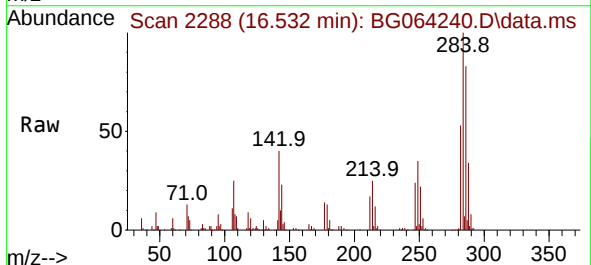
Instrument :
 BNA_G
 ClientSampleId :

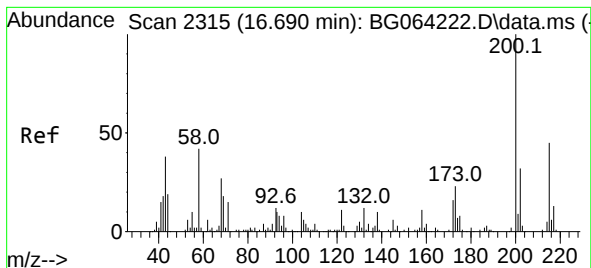
Tgt Ion:248 Resp: 125456
 Ion Ratio Lower Upper
 248 100
 250 95.4 80.2 120.4
 141 81.2 62.4 93.6



#68
 Hexachlorobenzene
 Concen: 40.017 ng
 RT: 16.532 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BG064240.D
 Acq: 2 Sep 2025 11:10

Tgt Ion:284 Resp: 133724
 Ion Ratio Lower Upper
 284 100
 142 39.8 32.1 48.1
 249 35.0 28.3 42.5





#69

Atrazine

Concen: 38.838 ng

RT: 16.690 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG064240.D

Acq: 2 Sep 2025 11:10

Instrument :

BNA_G

ClientSampleId :

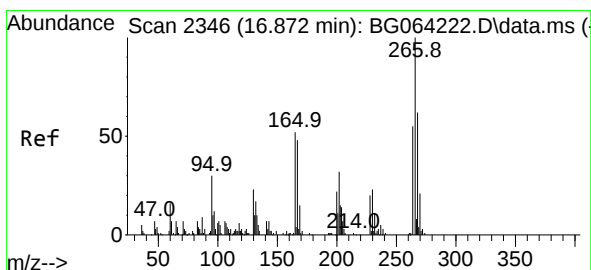
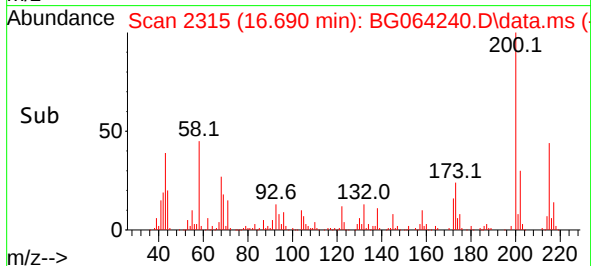
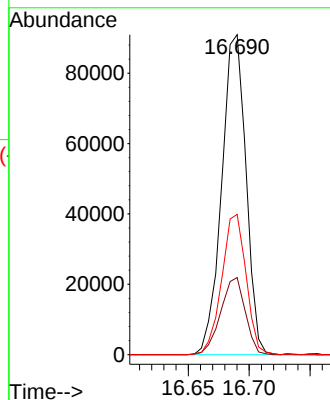
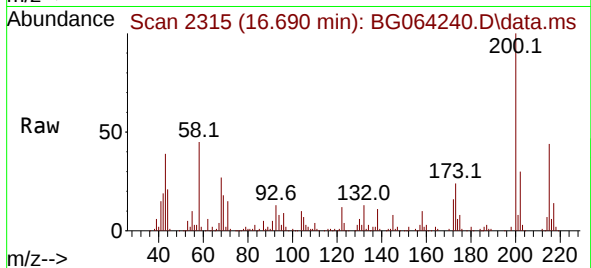
Tgt Ion:200 Resp: 126391

Ion Ratio Lower Upper

200 100

173 24.1 3.5 43.5

215 43.8 24.8 64.8



#70

Pentachlorophenol

Concen: 42.365 ng

RT: 16.872 min Scan# 2346

Delta R.T. -0.006 min

Lab File: BG064240.D

Acq: 2 Sep 2025 11:10

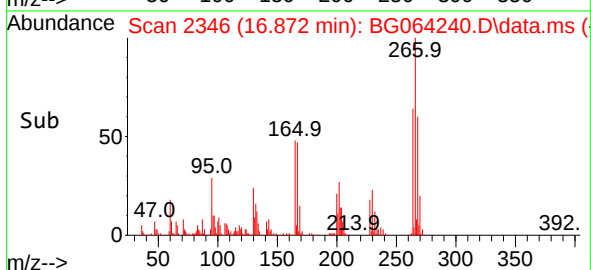
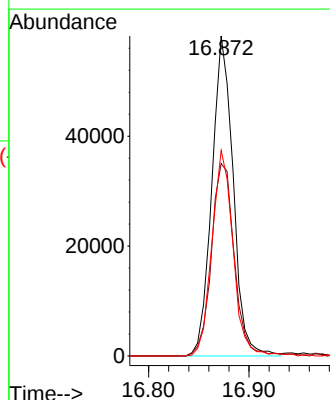
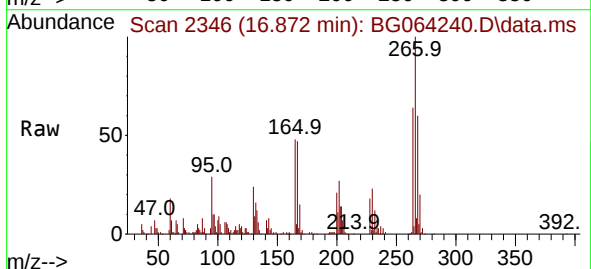
Tgt Ion:266 Resp: 85841

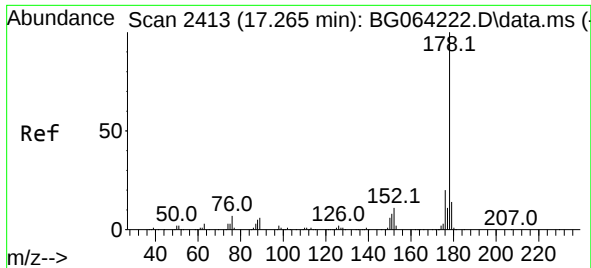
Ion Ratio Lower Upper

266 100

268 60.1 49.4 74.0

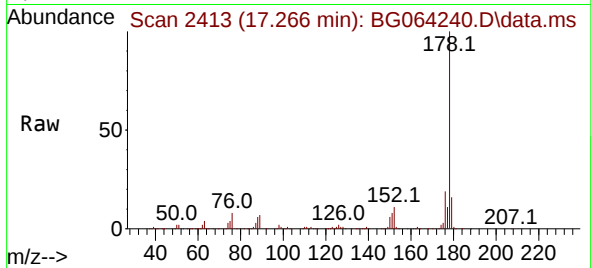
264 68.4 44.3 66.5#



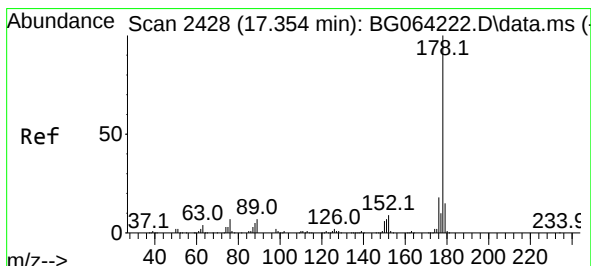
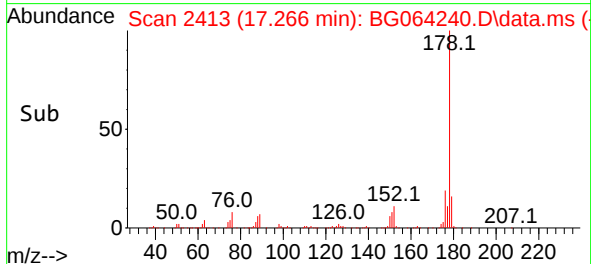
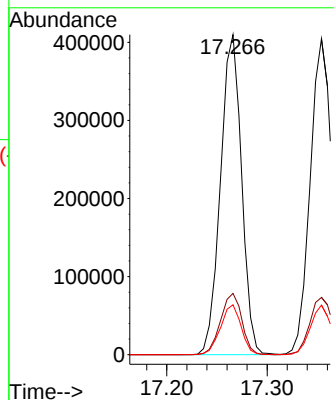


#71
Phenanthrene
Concen: 39.937 ng
RT: 17.266 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :

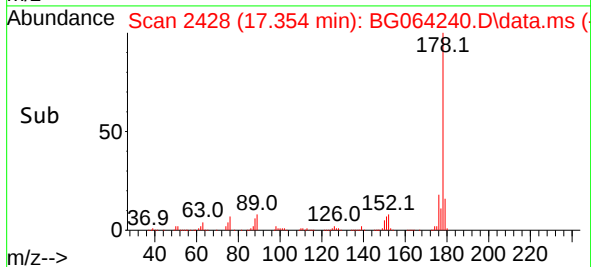
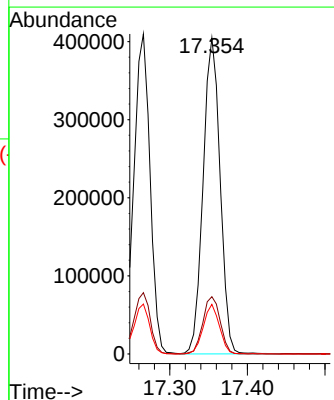
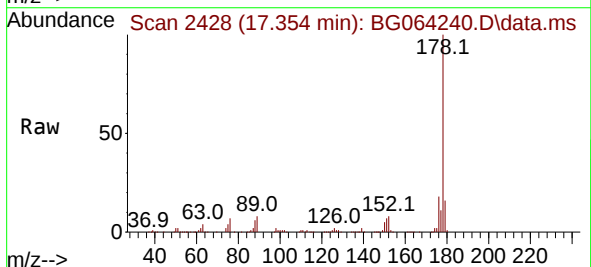


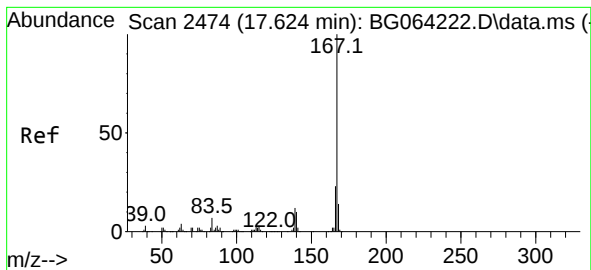
Tgt Ion:178 Resp: 596786
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 15.6 11.4 17.2



#72
Anthracene
Concen: 40.625 ng
RT: 17.354 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:178 Resp: 617516
Ion Ratio Lower Upper
178 100
176 18.1 14.7 22.1
179 15.7 12.1 18.1





#73

Carbazole

Concen: 40.219 ng

RT: 17.624 min Scan# 2474

Delta R.T. 0.000 min

Lab File: BG064240.D

Acq: 2 Sep 2025 11:10

Instrument :

BNA_G

ClientSampleId :

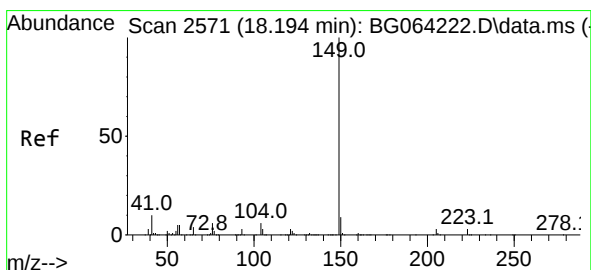
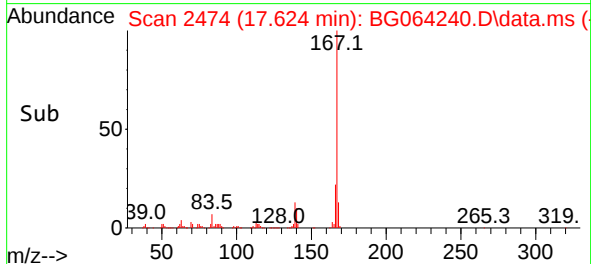
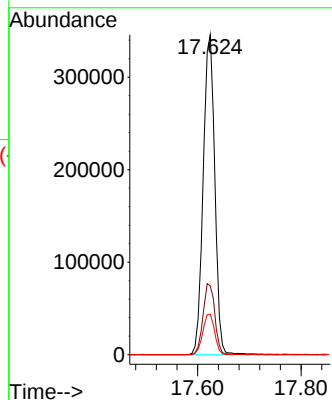
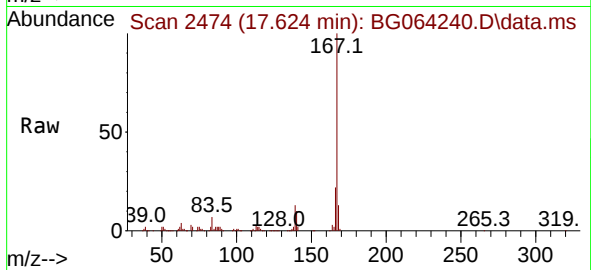
Tgt Ion:167 Resp: 538567

Ion Ratio Lower Upper

167 100

166 21.5 18.2 27.2

139 12.6 9.8 14.6



#74

Di-n-butylphthalate

Concen: 40.235 ng

RT: 18.188 min Scan# 2570

Delta R.T. -0.006 min

Lab File: BG064240.D

Acq: 2 Sep 2025 11:10

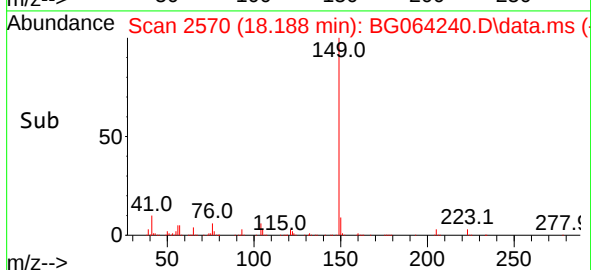
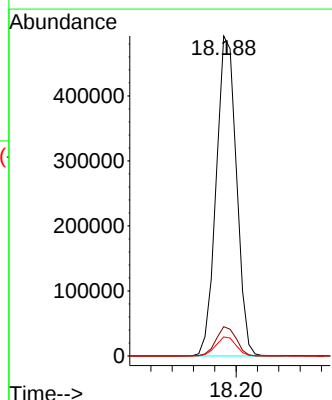
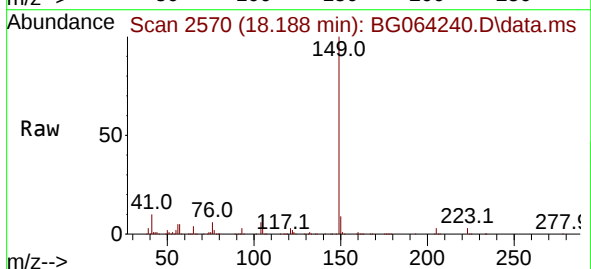
Tgt Ion:149 Resp: 647298

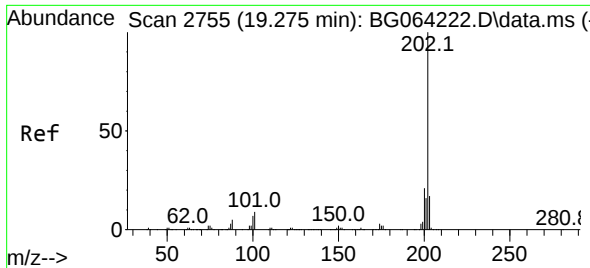
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

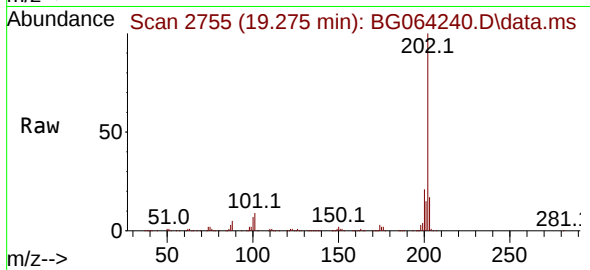
104 6.0 4.6 7.0



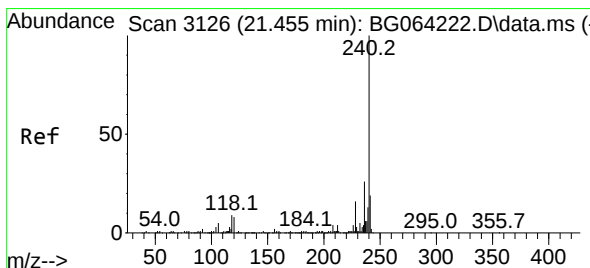
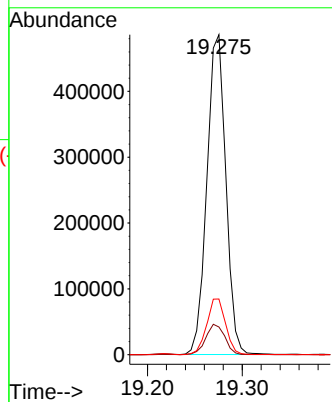
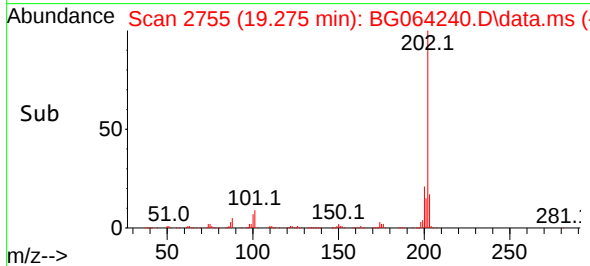


#75
 Fluoranthene
 Concen: 38.261 ng
 RT: 19.275 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG064240.D
 Acq: 2 Sep 2025 11:10

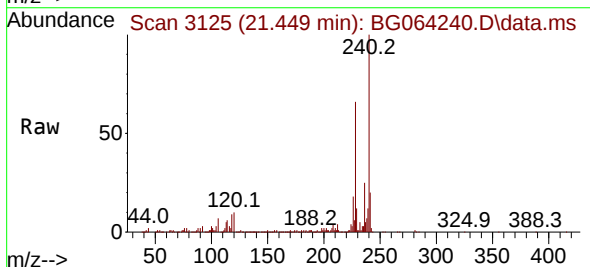
Instrument :
 BNA_G
 ClientSampleId :



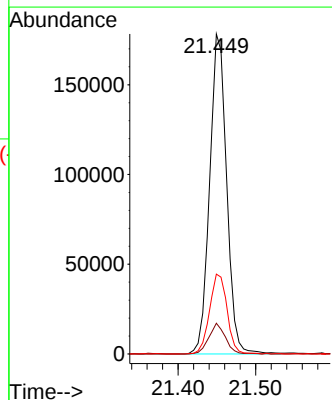
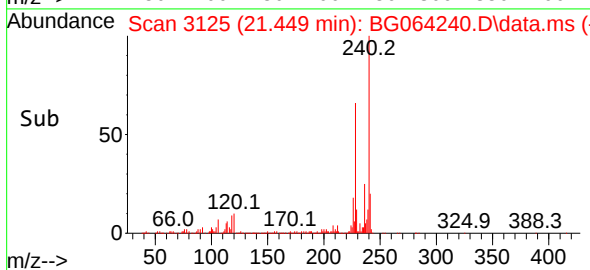
Tgt Ion:202 Resp: 672270
 Ion Ratio Lower Upper
 202 100
 101 8.7 0.0 28.7
 203 17.4 0.0 36.9

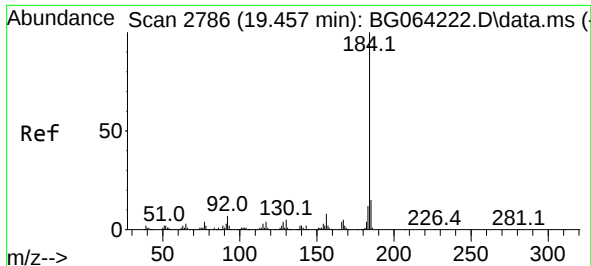


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.449 min Scan# 3125
 Delta R.T. -0.006 min
 Lab File: BG064240.D
 Acq: 2 Sep 2025 11:10



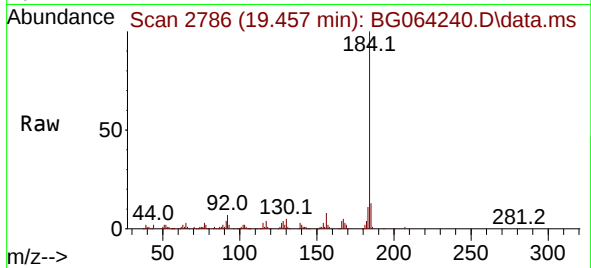
Tgt Ion:240 Resp: 271531
 Ion Ratio Lower Upper
 240 100
 120 9.6 6.2 9.4#
 236 25.0 20.5 30.7



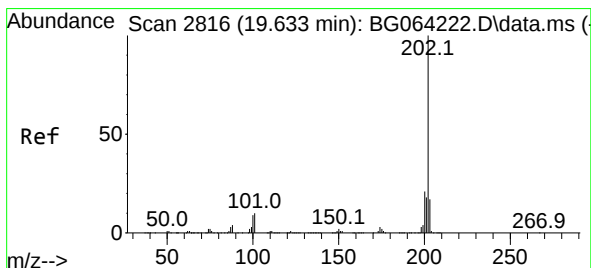
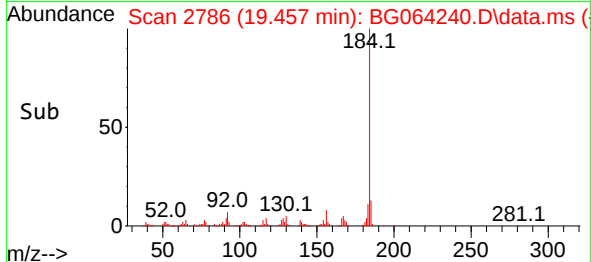
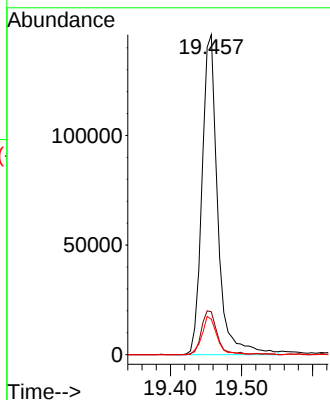


#77
Benzidine
Concen: 39.387 ng
RT: 19.457 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :

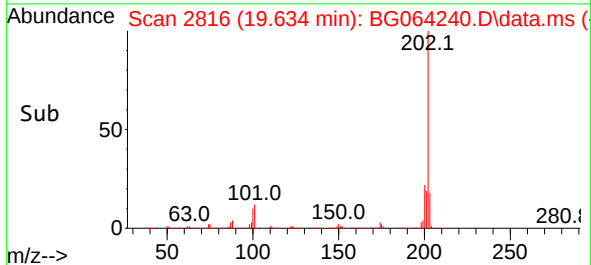
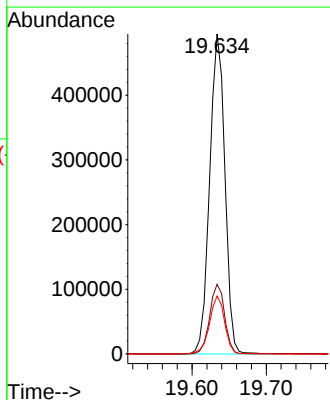
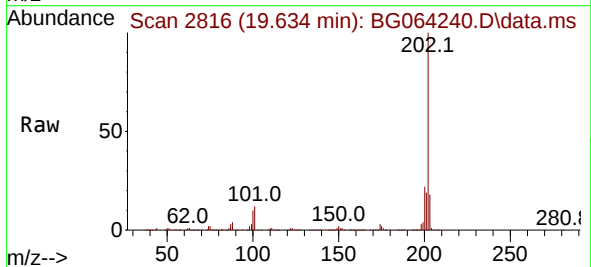


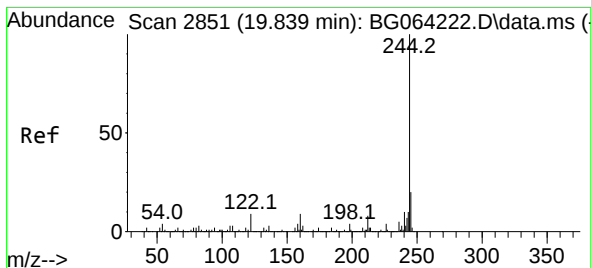
Tgt Ion:184 Resp: 224980
Ion Ratio Lower Upper
184 100
185 13.4 11.7 17.5
183 11.1 9.7 14.5



#78
Pyrene
Concen: 41.272 ng
RT: 19.634 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:202 Resp: 706031
Ion Ratio Lower Upper
202 100
200 21.8 16.9 25.3
203 18.1 13.8 20.8





#79

Terphenyl-d14

Concen: 82.014 ng

RT: 19.839 min Scan# 21

Delta R.T. -0.006 min

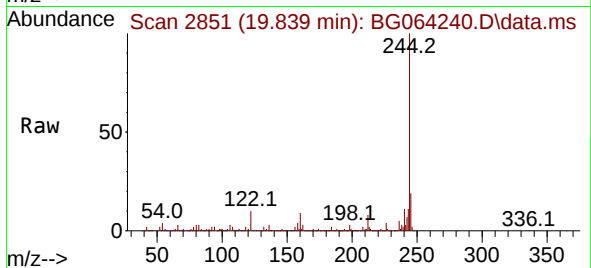
Lab File: BG064240.D

Acq: 2 Sep 2025 11:10

Instrument :

BNA_G

ClientSampleId :



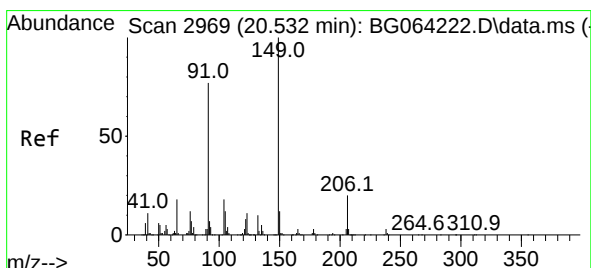
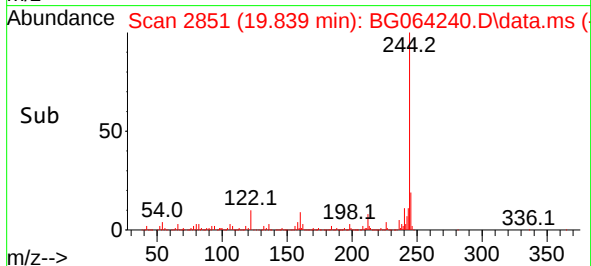
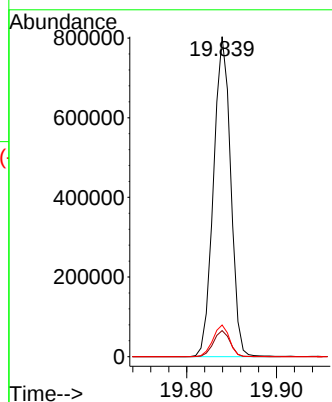
Tgt Ion:244 Resp: 1067377

Ion Ratio Lower Upper

244 100

212 8.2 6.6 10.0

122 9.9 7.0 10.6



#80

Butylbenzylphthalate

Concen: 44.301 ng

RT: 20.533 min Scan# 2969

Delta R.T. 0.000 min

Lab File: BG064240.D

Acq: 2 Sep 2025 11:10

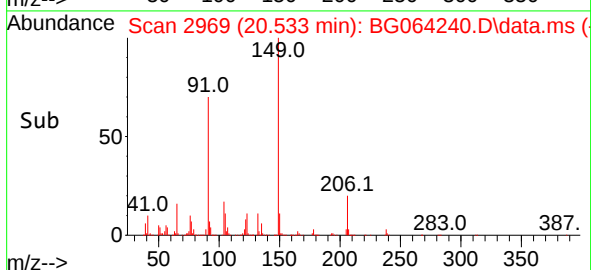
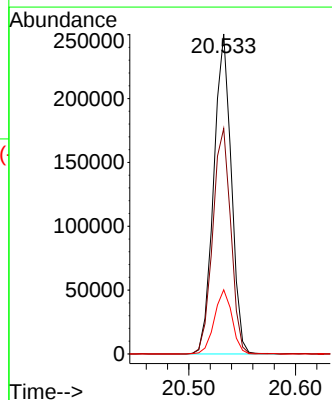
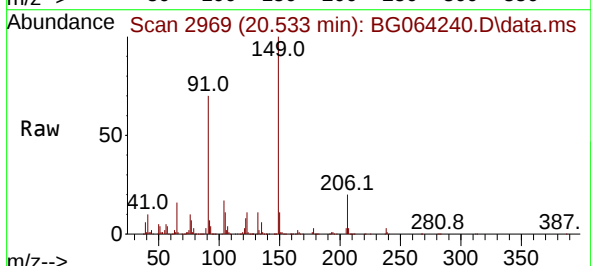
Tgt Ion:149 Resp: 285838

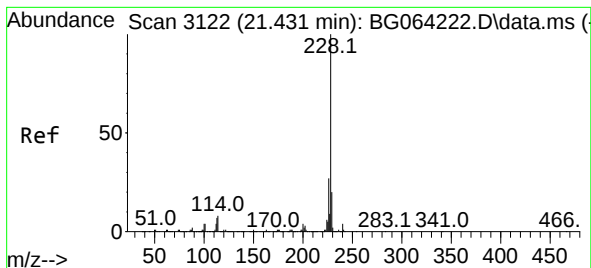
Ion Ratio Lower Upper

149 100

91 70.5 61.4 92.0

206 20.1 15.8 23.6





#81

Benzo(a)anthracene

Concen: 40.856 ng

RT: 21.432 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG064240.D

Acq: 2 Sep 2025 11:10

Instrument :

BNA_G

ClientSampleId :

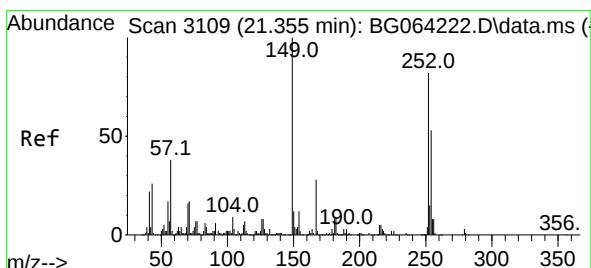
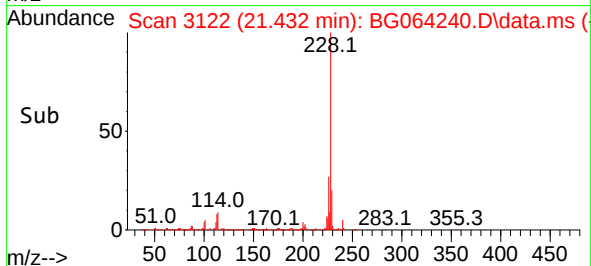
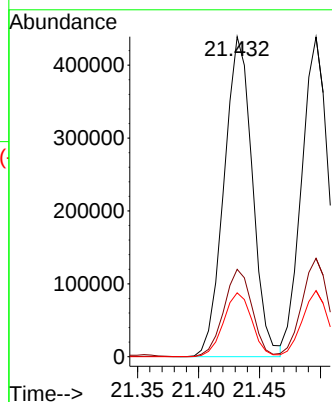
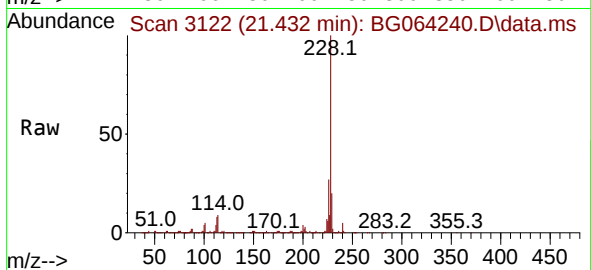
Tgt Ion:228 Resp: 709732

Ion Ratio Lower Upper

228 100

226 27.3 21.7 32.5

229 19.9 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 41.001 ng

RT: 21.355 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BG064240.D

Acq: 2 Sep 2025 11:10

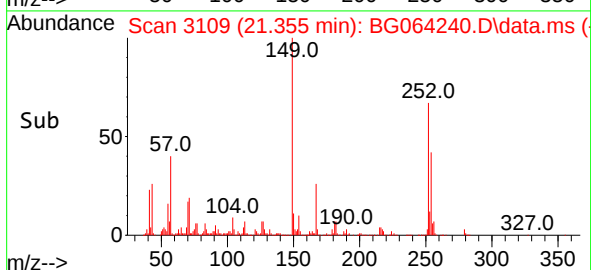
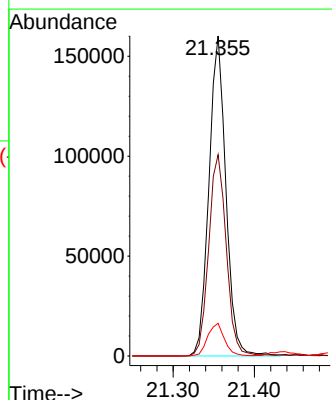
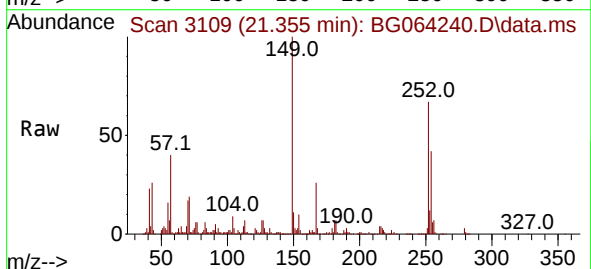
Tgt Ion:252 Resp: 231965

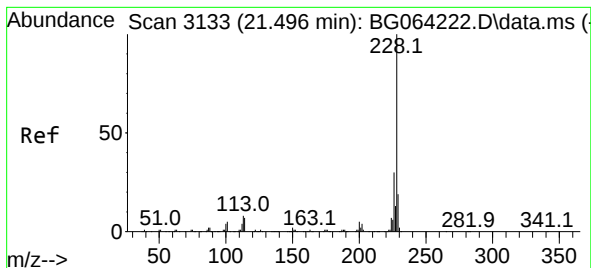
Ion Ratio Lower Upper

252 100

254 62.9 51.9 77.9

126 10.2 7.6 11.4





#83

Chrysene

Concen: 40.807 ng

RT: 21.496 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BG064240.D

Acq: 2 Sep 2025 11:10

Instrument :

BNA_G

ClientSampleId :

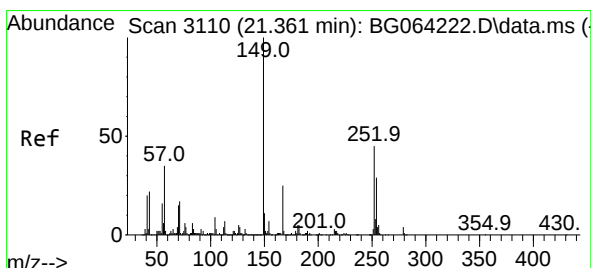
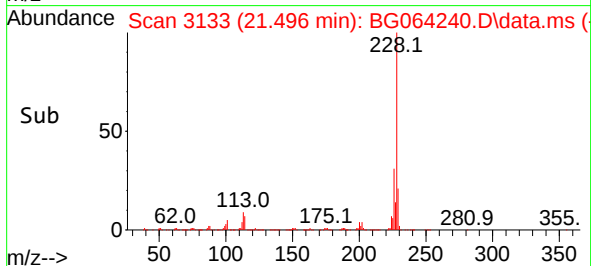
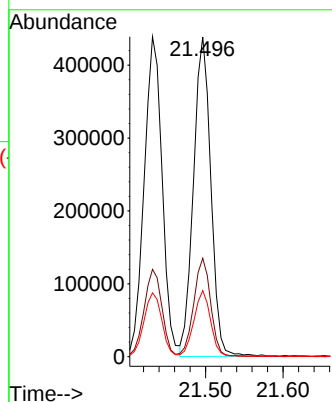
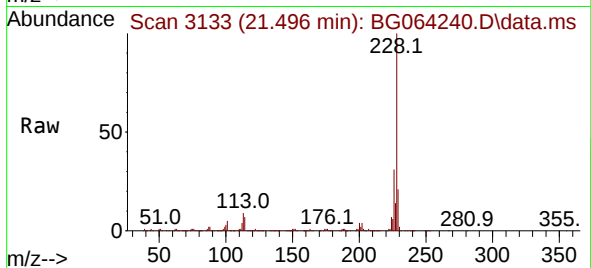
Tgt Ion:228 Resp: 680551

Ion Ratio Lower Upper

228 100

226 30.8 24.2 36.2

229 20.7 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.606 ng

RT: 21.361 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BG064240.D

Acq: 2 Sep 2025 11:10

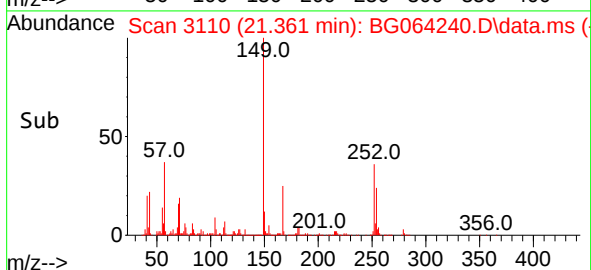
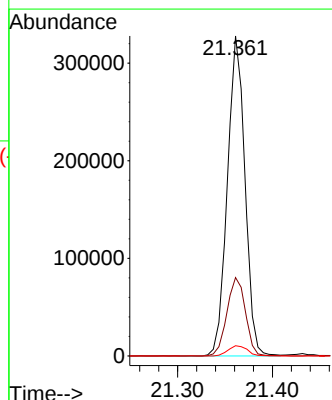
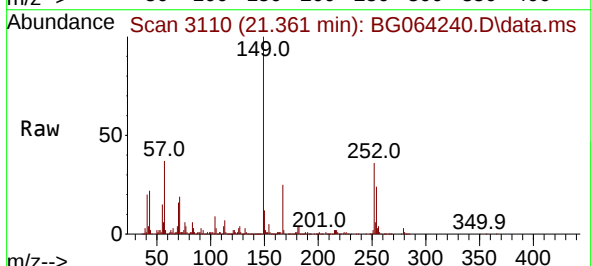
Tgt Ion:149 Resp: 422412

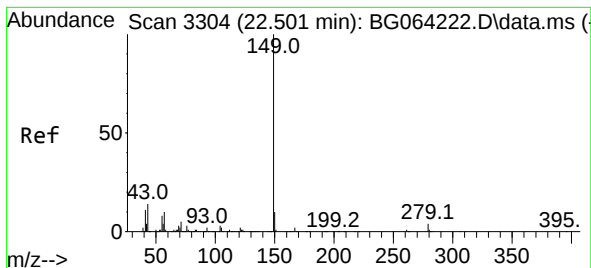
Ion Ratio Lower Upper

149 100

167 24.5 20.0 30.0

279 3.2 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 43.442 ng

RT: 22.501 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG064240.D

Acq: 2 Sep 2025 11:10

Instrument :

BNA_G

ClientSampleId :

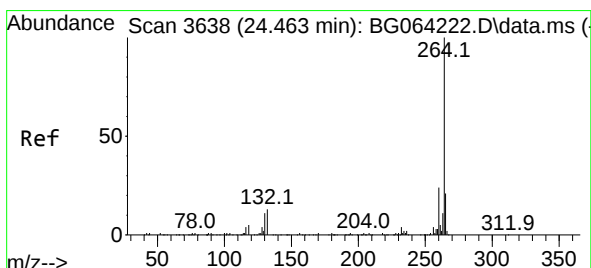
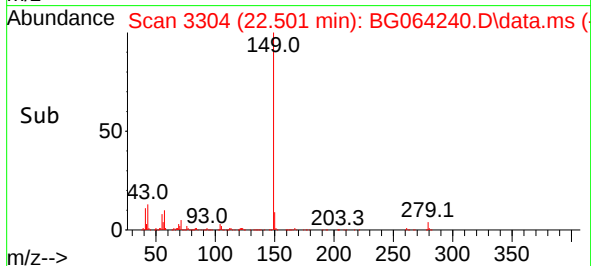
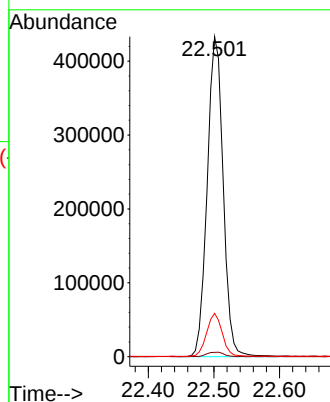
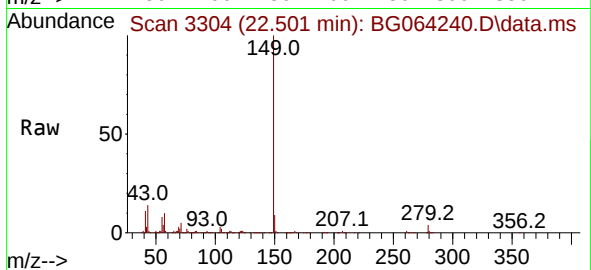
Tgt Ion:149 Resp: 733251

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 13.1 10.8 16.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.458 min Scan# 3637

Delta R.T. -0.006 min

Lab File: BG064240.D

Acq: 2 Sep 2025 11:10

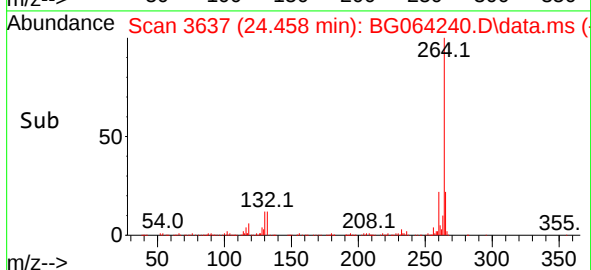
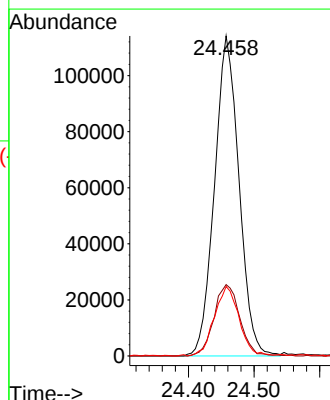
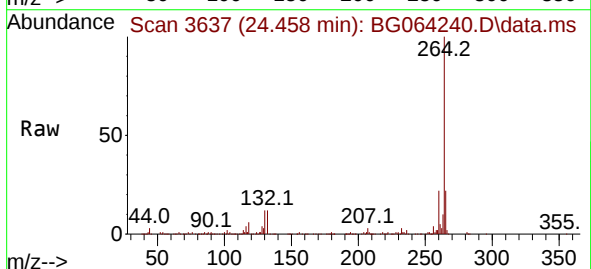
Tgt Ion:264 Resp: 295154

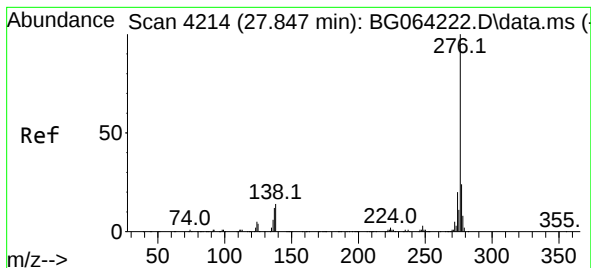
Ion Ratio Lower Upper

264 100

260 22.3 18.9 28.3

265 21.7 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.755 ng

RT: 27.848 min Scan# 4214

Delta R.T. -0.023 min

Lab File: BG064240.D

Acq: 2 Sep 2025 11:10

Instrument :

BNA_G

ClientSampleId :

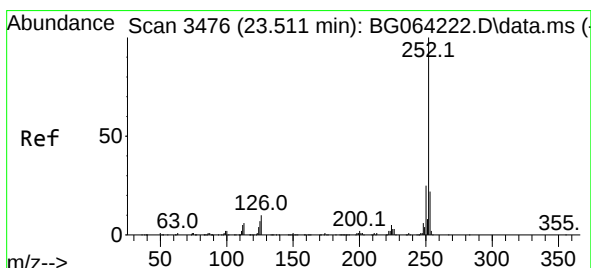
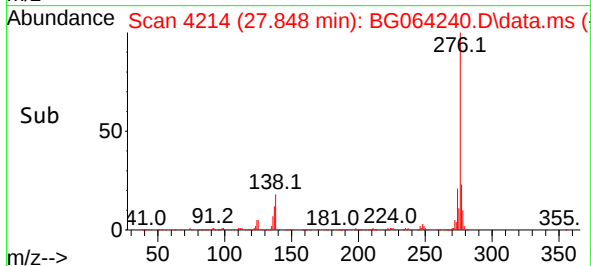
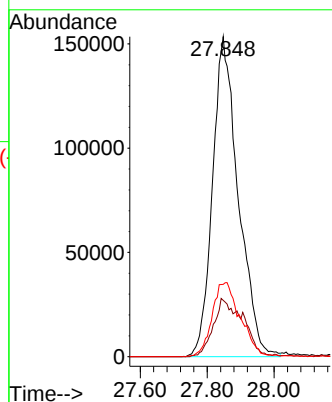
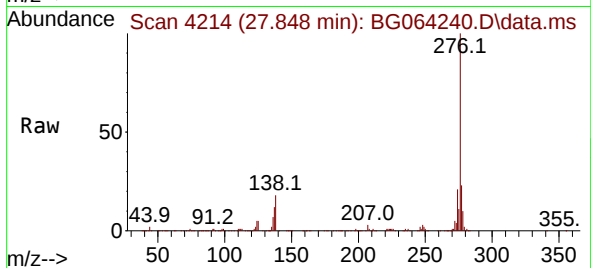
Tgt Ion:276 Resp: 821481

Ion Ratio Lower Upper

276 100

138 16.1 7.4 11.0#

277 25.2 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 41.131 ng

RT: 23.512 min Scan# 3476

Delta R.T. -0.006 min

Lab File: BG064240.D

Acq: 2 Sep 2025 11:10

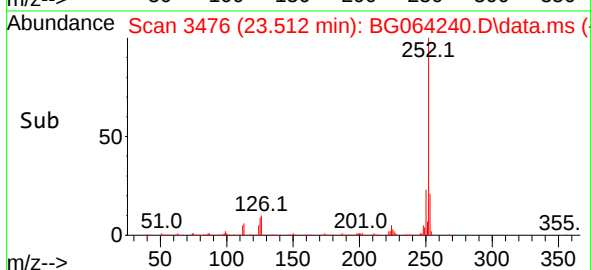
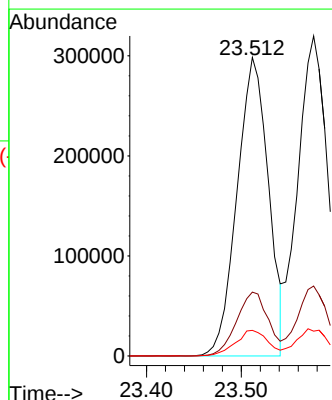
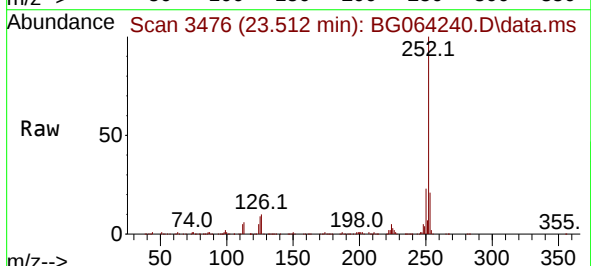
Tgt Ion:252 Resp: 685172

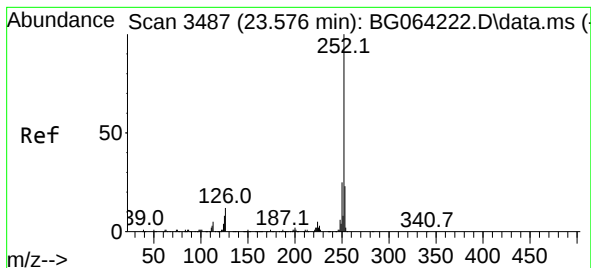
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 8.6 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 41.768 ng

RT: 23.576 min Scan# 34

Delta R.T. -0.012 min

Lab File: BG064240.D

Acq: 2 Sep 2025 11:10

Instrument :

BNA_G

ClientSampleId :

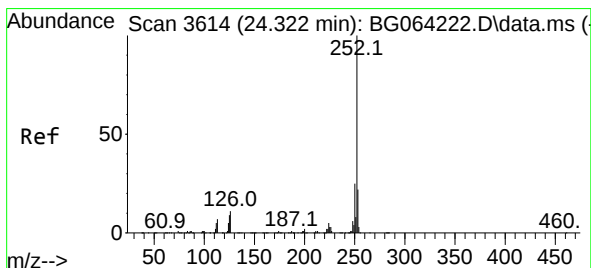
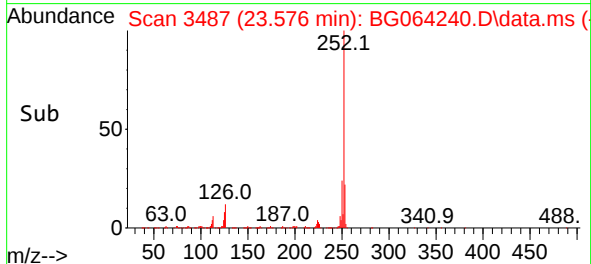
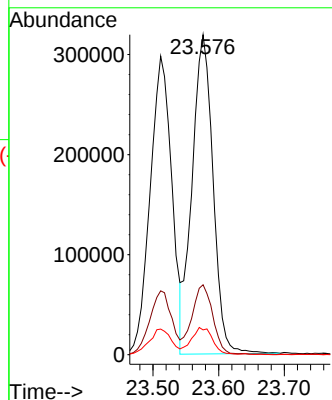
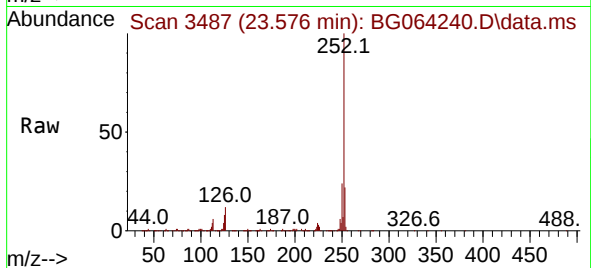
Tgt Ion:252 Resp: 708838

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.4

125 7.8 7.0 10.4



#90

Benzo(a)pyrene

Concen: 41.849 ng

RT: 24.322 min Scan# 3614

Delta R.T. -0.006 min

Lab File: BG064240.D

Acq: 2 Sep 2025 11:10

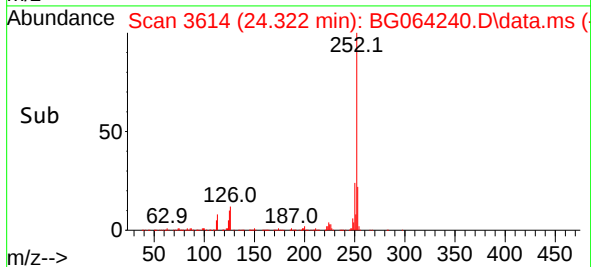
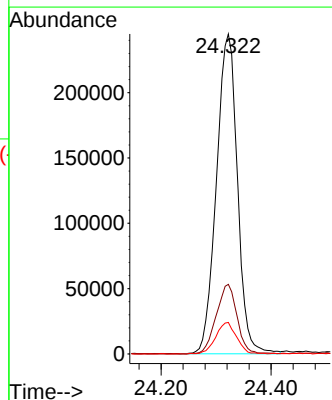
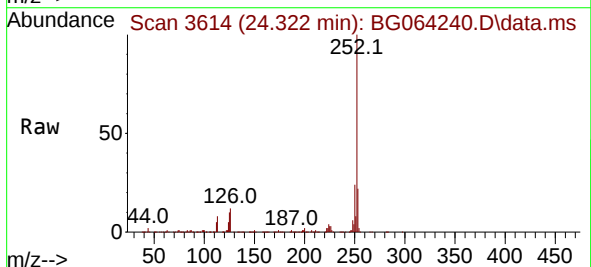
Tgt Ion:252 Resp: 648483

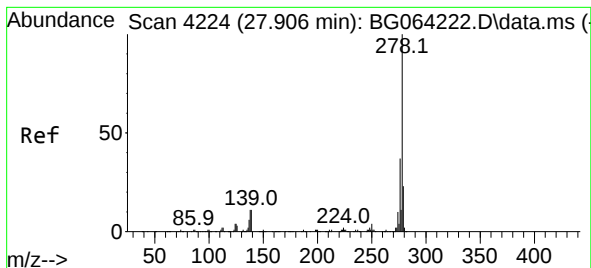
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 9.8 7.0 10.6

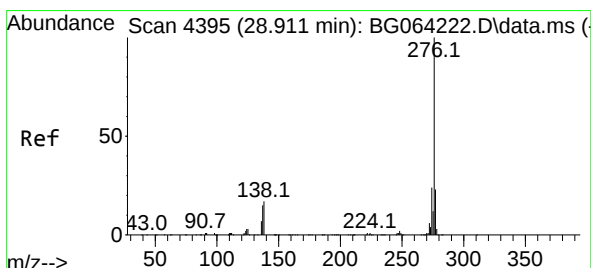
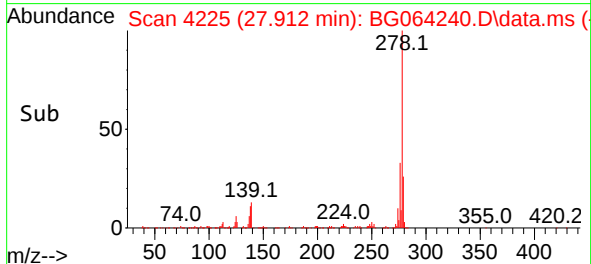
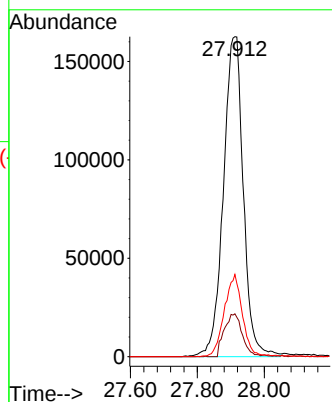
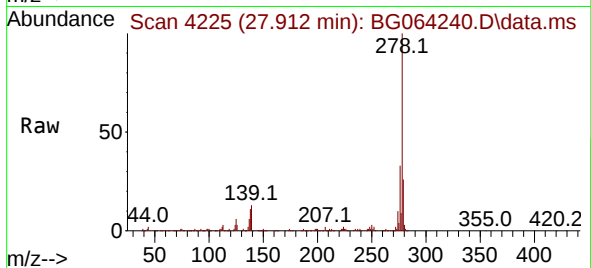




#91
Dibenzo(a,h)anthracene
Concen: 41.564 ng
RT: 27.912 min Scan# 41
Delta R.T. -0.012 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 672659
Ion Ratio Lower Upper
278 100
139 13.4 9.0 13.4
279 25.7 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 40.757 ng
RT: 28.905 min Scan# 4394
Delta R.T. -0.029 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:276 Resp: 641827
Ion Ratio Lower Upper
276 100
277 22.6 18.2 27.4
138 18.1 13.3 19.9

