

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091625\
 Data File : BG064394.D
 Acq On : 16 Sep 2025 21:31
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 17 04:00:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 12 11:06:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	22778	20.000	ng/u1	0.00
20) Naphthalene-d8	10.632	136	96414	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.469	164	71735	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.206	188	175562	20.000	ng/u1	0.00
79) Chrysene-d12	21.437	240	204019	20.000	ng/u1	0.00
88) Perylene-d12	24.433	264	220539	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	4191	9.665	ng/uL	0.00
4) Pyridine-d5	3.716	84	24424	19.306	ng/u1	0.00
7) Phenol-d5	7.013	99	33672	18.085	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.171	67	19378	19.945	ng/u1	0.00
11) 2-Chlorophenol-d4	7.377	132	30290	20.342	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	32480	19.174	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	15767	20.841	ng/u1	0.00
24) 2-Nitrophenol-d4	9.709	143	20176	21.864	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.256	165	35892	20.917	ng/u1	0.00
31) 4-Chloroaniline-d4	10.761	131	45988	19.825	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	128567	20.110	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	128322	20.774	ng/u1	0.00
54) 4-Nitrophenol-d4	14.668	143	20574	20.539	ng/u1	0.00
60) Fluorene-d10	15.456	176	107137	20.655	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	25687	20.512	ng/u1	0.00
73) Anthracene-d10	17.306	188	185625	21.196	ng/u1	0.00
81) Pyrene-d10	19.592	212	221274	19.255	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.228	264	240125	21.126	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	4402	9.080	ng/uL	98
5) Pyridine	3.740	79	25684	19.254	ng/u1	96
6) Benzaldehyde	6.983	77	21500	24.832	ng/u1	93
8) Phenol	7.036	94	35084	18.397	ng/u1#	82
10) Bis(2-Chloroethyl)ether	7.265	93	25937	19.696	ng/u1	89
12) 2-Chlorophenol	7.412	128	31386	20.276	ng/u1	95
13) 2-Methylphenol	8.282	108	29027	18.346	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.364	45	46808	19.091	ng/u1#	93
16) Acetophenone	8.658	105	50473	18.742	ng/u1	91
17) N-Nitroso-di-n-propyla...	8.646	70	24802	19.580	ng/u1#	93
18) 4-Methylphenol	8.611	108	31577	18.557	ng/u1	96
19) Hexachloroethane	8.916	117	13055	19.129	ng/u1	95
22) Nitrobenzene	9.034	77	37788	20.109	ng/u1	99
23) Isophorone	9.557	82	69420	19.211	ng/u1	97
25) 2-Nitrophenol	9.745	139	19221	21.726	ng/u1	93
26) 2,4-Dimethylphenol	9.809	107	39385	20.078	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.038	93	36941	20.191	ng/u1	97
29) 2,4-Dichlorophenol	10.279	162	32430	20.715	ng/u1	96
30) Naphthalene	10.679	128	106524	20.295	ng/u1	98
32) 4-Chloroaniline	10.785	127	44893	19.634	ng/u1	94
33) Hexachlorobutadiene	10.973	225	29951	21.294	ng/u1	95
34) Caprolactam	11.537	113	6481	10.207	ng/u1#	88
35) 4-Chloro-3-methylphenol	11.913	107	38614	19.935	ng/u1	98
36) 2-Methylnaphthalene	12.289	142	79283	19.842	ng/u1	91

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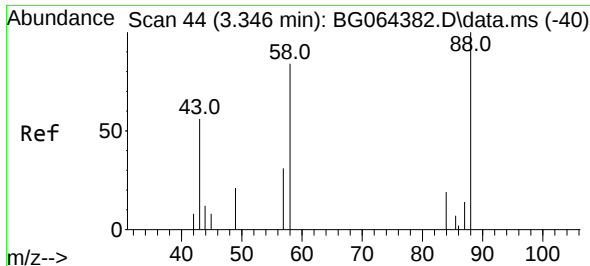
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 12 11:06:20 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.506	142	80074	20.165	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.659	216	49967	21.980	ng/ul	97
40) Hexachlorocyclopentadiene	12.641	237	33105	21.144	ng/ul	98
41) 2,4,6-Trichlorophenol	12.900	196	30347	20.838	ng/ul	92
42) 2,4,5-Trichlorophenol	12.970	196	33446	21.469	ng/ul	97
43) 1,1'-Biphenyl	13.299	154	111851	21.119	ng/ul#	96
44) 2-Chloronaphthalene	13.340	162	82253	21.165	ng/ul	94
45) 2-Nitroaniline	13.546	65	28240	20.237	ng/ul	93
47) Dimethylphthalate	13.922	163	117312	19.750	ng/ul#	94
48) 2,6-Dinitrotoluene	14.040	165	25157	22.137	ng/ul	98
50) Acenaphthylene	14.186	152	139209	20.950	ng/ul	97
51) 3-Nitroaniline	14.369	138	21218	21.887	ng/ul	86
52) Acenaphthene	14.533	153	94677	20.983	ng/ul	93
53) 2,4-Dinitrophenol	14.574	184	14488	18.928	ng/ul#	81
55) 4-Nitrophenol	14.680	109	26182	19.728	ng/ul	88
56) Dibenzofuran	14.868	168	140860	21.078	ng/ul	88
57) 2,4-Dinitrotoluene	14.827	165	39269	21.433	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.091	232	32964	20.114	ng/ul	96
59) Diethylphthalate	15.291	149	126062	19.382	ng/ul	95
61) Fluorene	15.514	166	118225	20.862	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.508	204	62457	20.902	ng/ul	95
63) 4-Nitroaniline	15.532	138	22095	22.188	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.591	198	26184	20.573	ng/ul#	93
67) N-Nitrosodiphenylamine	15.720	169	100293	20.931	ng/ul	93
68) 4-Bromophenyl-phenylether	16.402	248	44258	21.486	ng/ul	91
69) Hexachlorobenzene	16.519	284	48835	21.034	ng/ul	94
70) Atrazine	16.672	200	47435	20.076	ng/ul	95
71) Pentachlorophenol	16.860	266	28471	19.129	ng/ul	95
72) Phenanthrene	17.248	178	201681	21.136	ng/ul	97
74) Anthracene	17.342	178	204931	21.099	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.264	216	50918	21.404	ng/ul	93
76) Pentachlorobenzene	14.786	250	54947	21.114	ng/ul	97
77) Carbazole	17.606	167	178401	21.153	ng/ul	99
78) Di-n-butylphthalate	18.176	149	215898	20.620	ng/ul	100
80) Fluoranthene	19.257	202	252380	19.418	ng/ul	98
82) Pyrene	19.621	202	260361	19.449	ng/ul	98
83) Butylbenzylphthalate	20.514	149	101729	19.435	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.337	252	96226	22.459	ng/ul	91
85) Benzo(a)anthracene	21.419	228	277711	20.299	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.343	149	152556	20.316	ng/ul#	96
87) Chrysene	21.478	228	264653	20.555	ng/ul	97
89) Di-n-octyl phthalate	22.477	149	249034	19.835	ng/ul	100
90) Benzo(b)fluoranthene	23.546	252	275323	20.757	ng/ul	99
91) Benzo(k)fluoranthene	23.546	252	275323	20.862	ng/ul	99
93) Benzo(a)pyrene	24.292	252	260296	21.126	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.806	276	338330	21.239	ng/ul	95
95) Dibenzo(a,h)anthracene	27.859	278	271143	21.125	ng/ul#	94
96) Benzo(g,h,i)perylene	28.858	276	269443	20.719	ng/ul	93

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

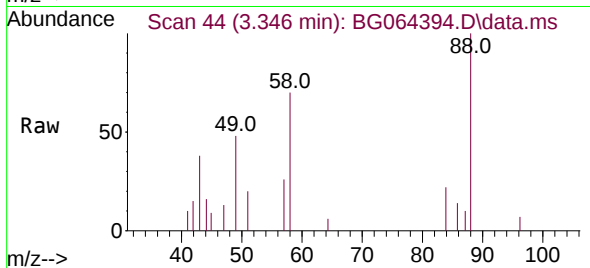
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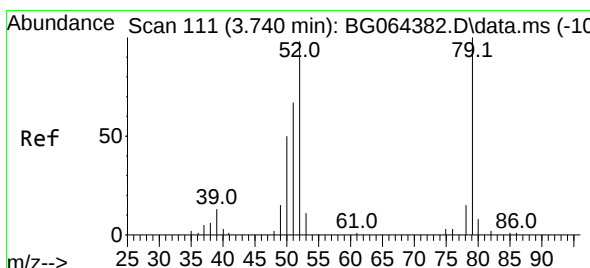
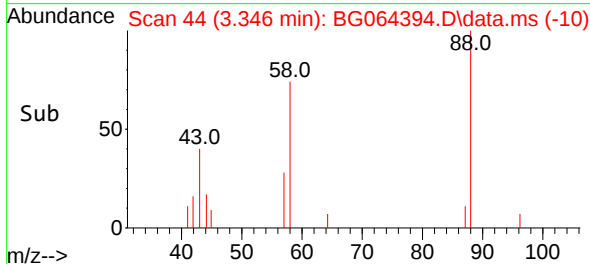
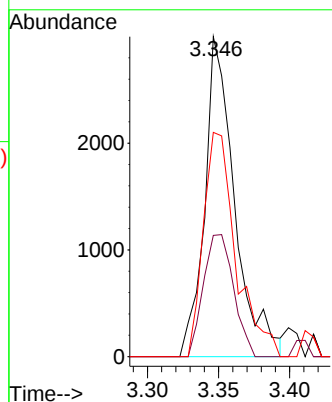


#2
1,4-Dioxane
Concen: 9.080 ng/uL
RT: 3.346 min Scan# 44
Delta R.T. -0.002 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

Instrument :
BNA_G
ClientSampleId :

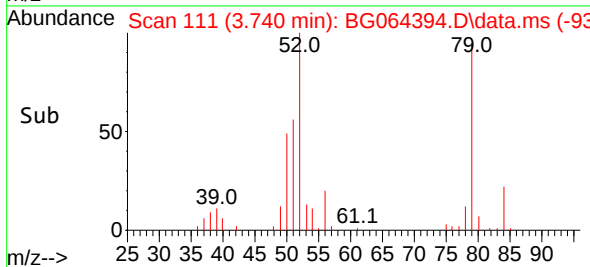
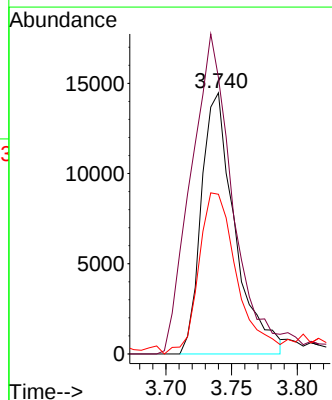
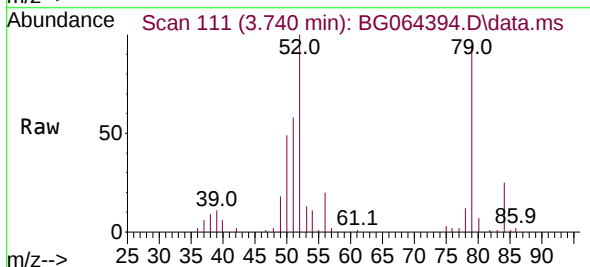


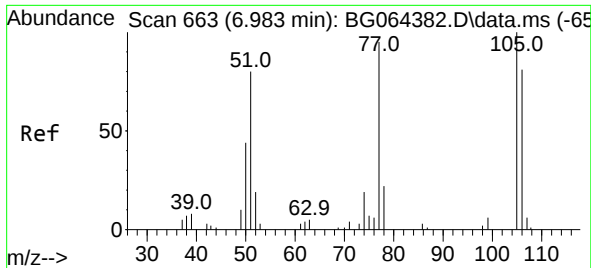
Tgt Ion	Ratio	Lower	Upper
88	100		
43	37.9	30.0	45.0
58	70.1	58.2	87.2



#5
Pyridine
Concen: 19.254 ng/uL
RT: 3.740 min Scan# 111
Delta R.T. 0.004 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

Tgt Ion	Ratio	Lower	Upper
79	100		
52	105.9	90.0	135.0
51	61.2	49.8	74.6

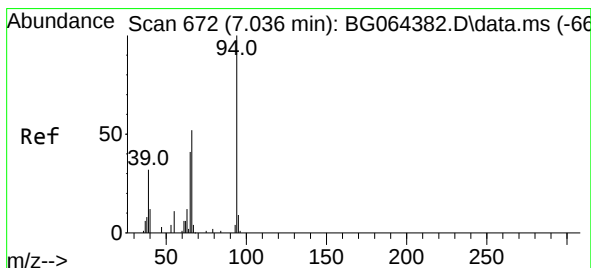
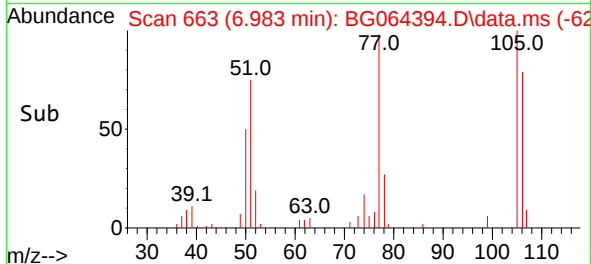
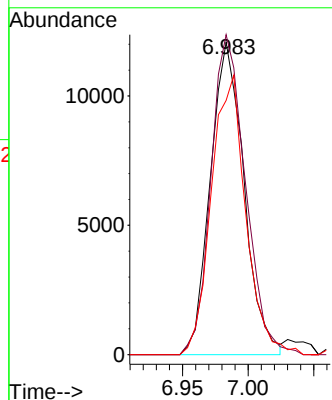
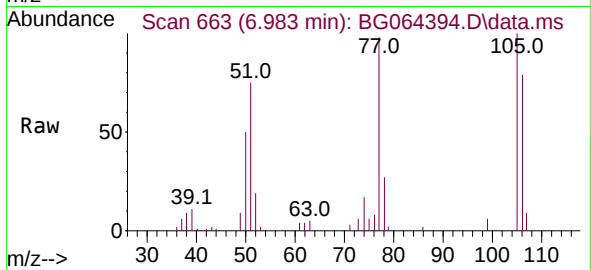




#6
Benzaldehyde
Concen: 24.832 ng/ul
RT: 6.983 min Scan# 663
Delta R.T. -0.002 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

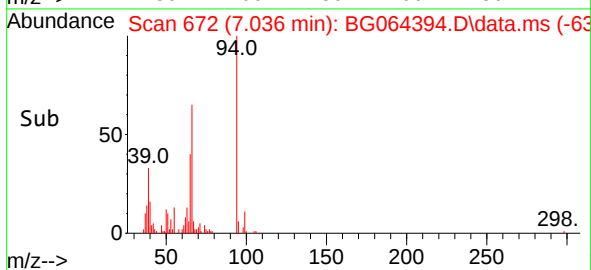
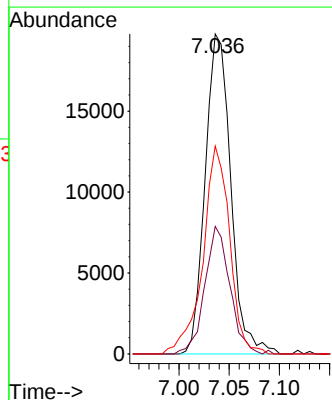
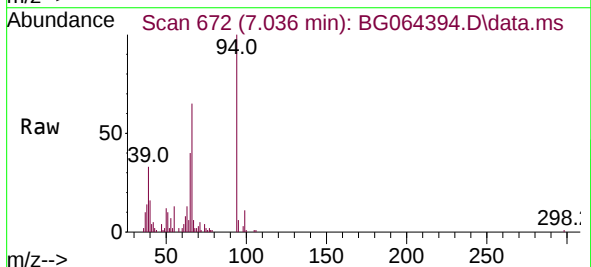
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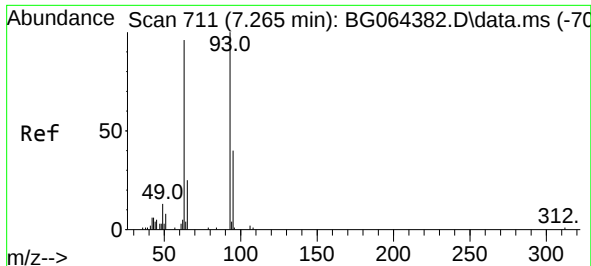
Tgt Ion: 77 Resp: 21500
Ion Ratio Lower Upper
77 100
105 102.4 80.2 120.4
106 81.4 74.9 112.3



#8
Phenol
Concen: 18.397 ng/ul
RT: 7.036 min Scan# 672
Delta R.T. -0.008 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

Tgt Ion: 94 Resp: 35084
Ion Ratio Lower Upper
94 100
65 39.8 26.3 39.5#
66 64.9 39.9 59.9#

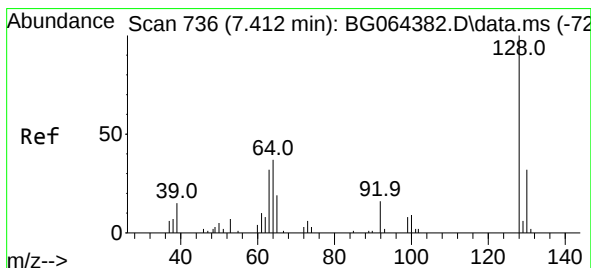
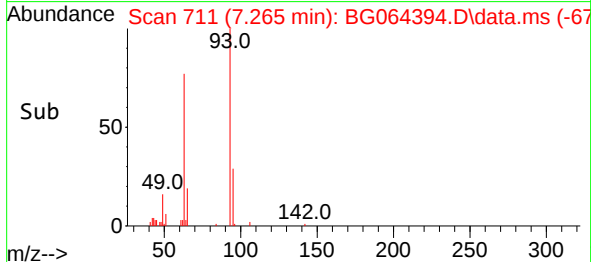
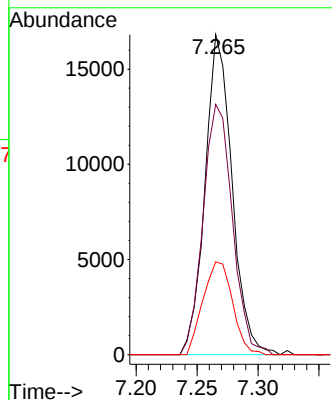
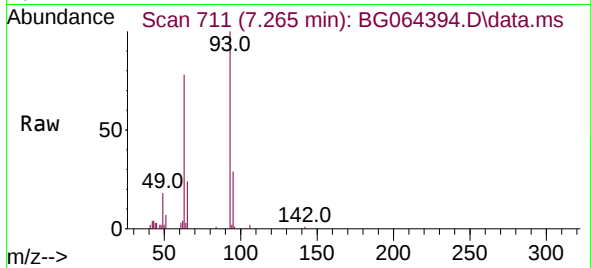




#10
 Bis(2-Chloroethyl)ether
 Concen: 19.696 ng/ul
 RT: 7.265 min Scan# 711
 Delta R.T. -0.002 min
 Lab File: BG064394.D
 Acq: 16 Sep 2025 21:31

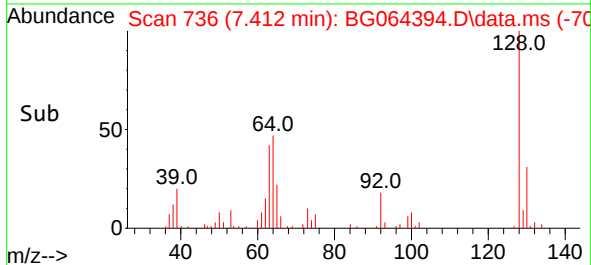
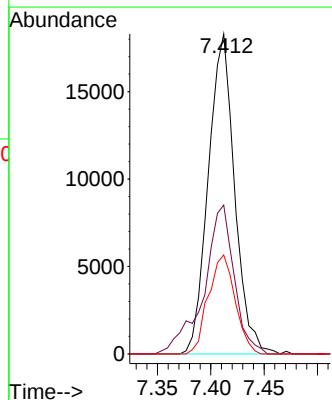
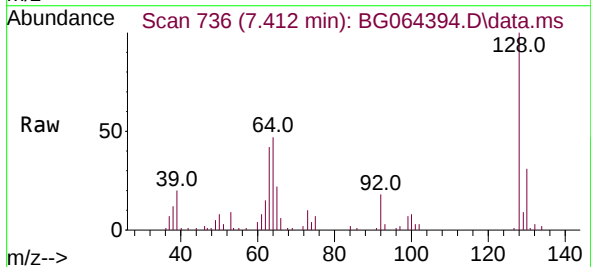
Instrument :
 BNA_G
 ClientSampleId :

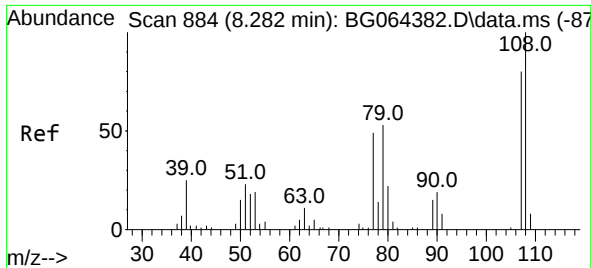
Tgt Ion	Ratio	Lower	Upper
93	100		
63	78.2	71.8	107.8
95	29.0	27.3	40.9



#12
 2-Chlorophenol
 Concen: 20.276 ng/ul
 RT: 7.412 min Scan# 736
 Delta R.T. -0.002 min
 Lab File: BG064394.D
 Acq: 16 Sep 2025 21:31

Tgt Ion	Ratio	Lower	Upper
128	100		
64	46.5	35.0	52.6
130	30.9	22.1	33.1

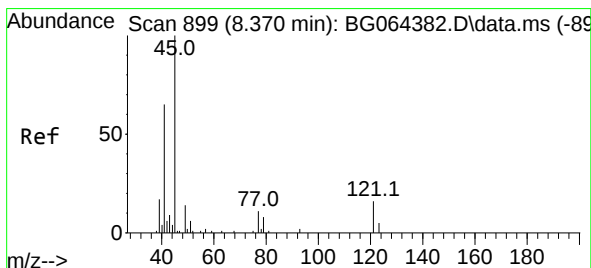
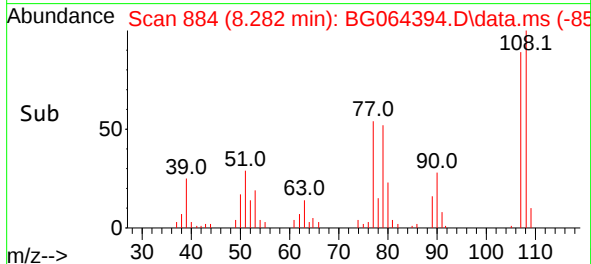
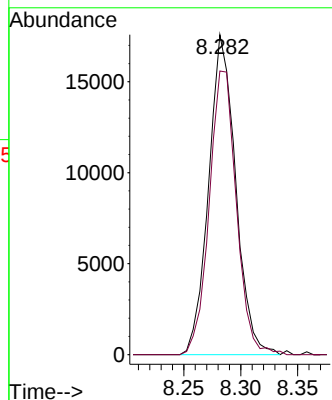
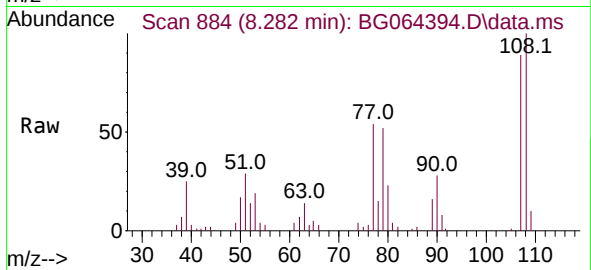




#13
2-Methylphenol
Concen: 18.346 ng/ul
RT: 8.282 min Scan# 884
Delta R.T. -0.008 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

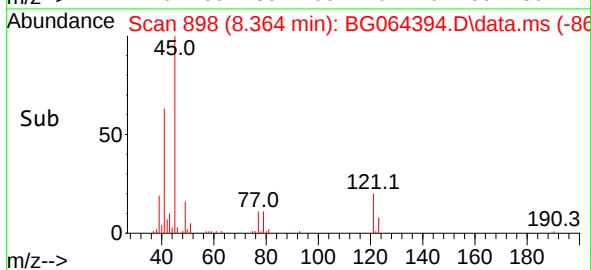
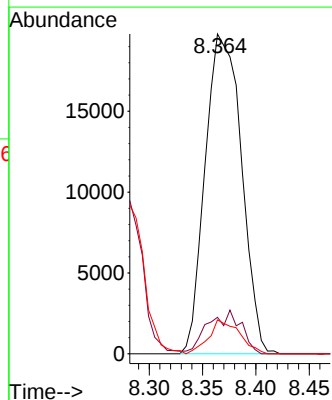
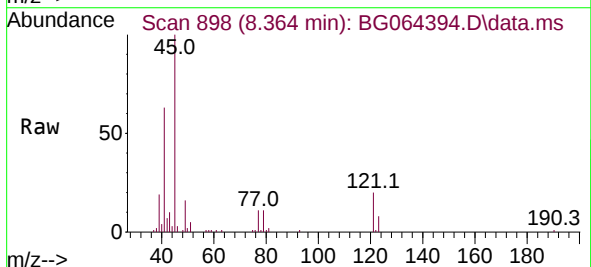
Instrument :
BNA_G
ClientSampleId :

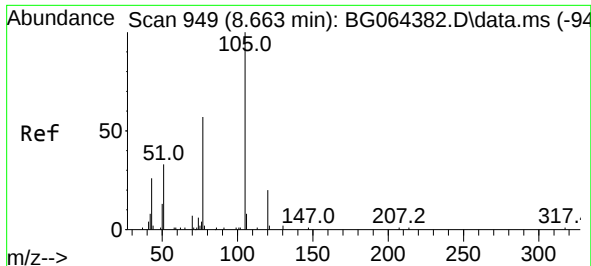
Tgt Ion:108 Resp: 29027
Ion Ratio Lower Upper
108 100
107 88.6 73.4 110.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 19.091 ng/ul
RT: 8.364 min Scan# 898
Delta R.T. -0.002 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

Tgt Ion: 45 Resp: 46808
Ion Ratio Lower Upper
45 100
77 11.4 7.3 10.9#
79 10.6 6.6 9.8#

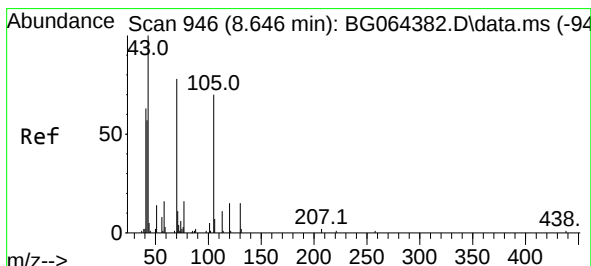
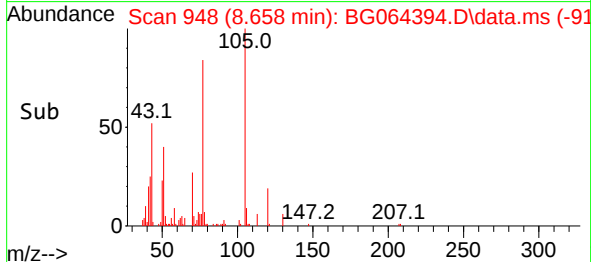
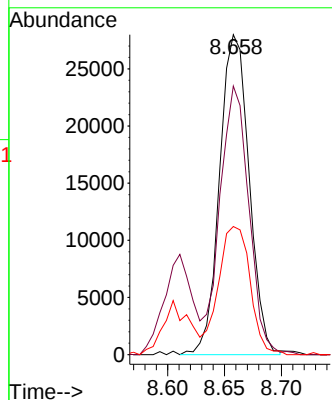
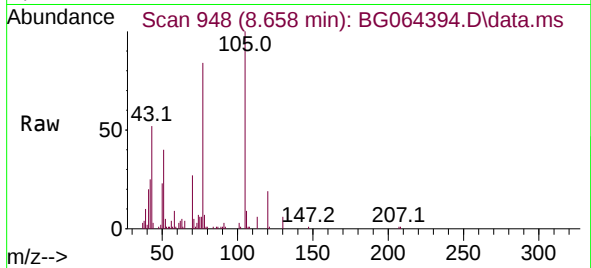




#16
Acetophenone
Concen: 18.742 ng/ul
RT: 8.658 min Scan# 949
Delta R.T. -0.002 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

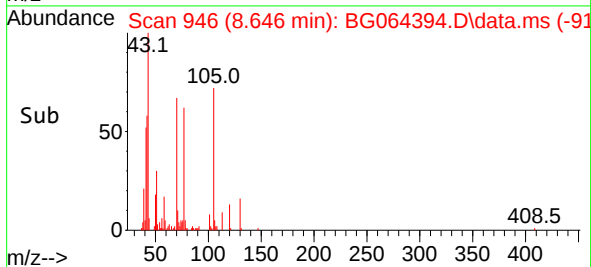
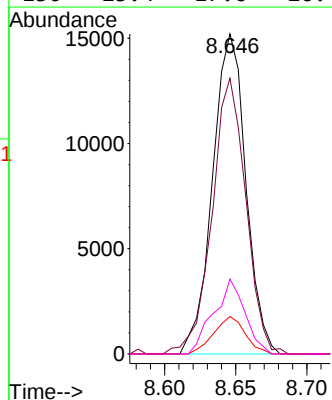
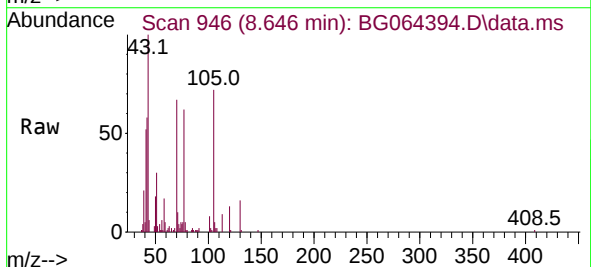
Instrument :
BNA_G
ClientSampleId :

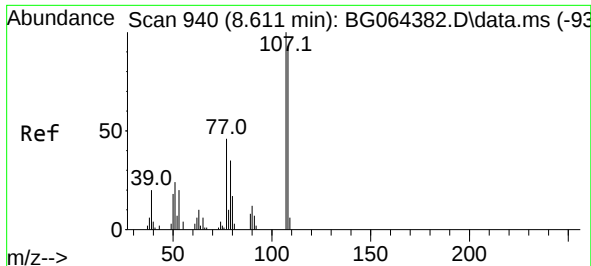
Tgt Ion:105 Resp: 50473
Ion Ratio Lower Upper
105 100
77 83.9 62.6 94.0
51 40.0 39.4 59.0



#17
N-Nitroso-di-n-propylamine
Concen: 19.580 ng/ul
RT: 8.646 min Scan# 946
Delta R.T. -0.002 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

Tgt Ion: 70 Resp: 24802
Ion Ratio Lower Upper
70 100
42 86.1 74.7 112.1
101 11.7 6.6 9.8#
130 23.4 17.6 26.4

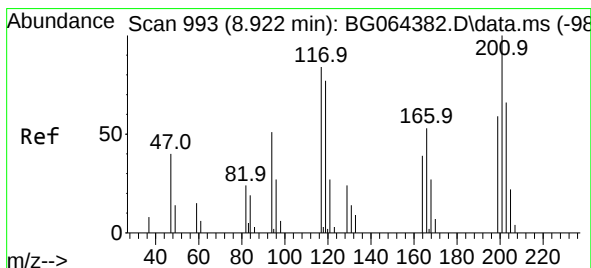
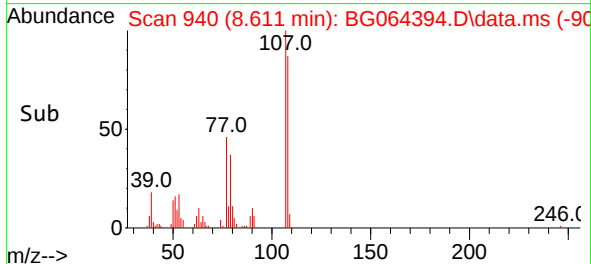
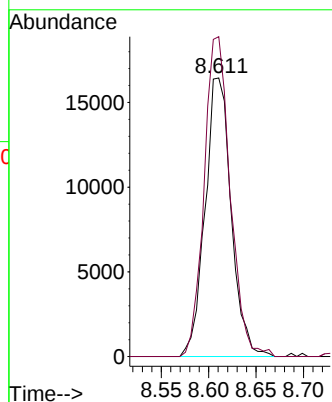
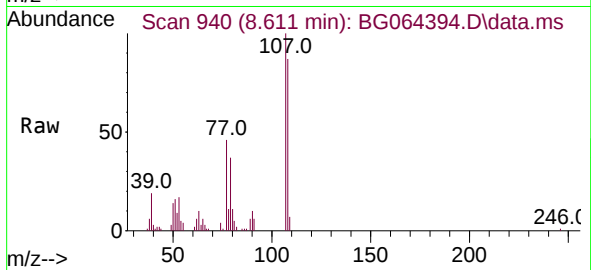




#18
4-Methylphenol
Concen: 18.557 ng/ul
RT: 8.611 min Scan# 940
Delta R.T. -0.002 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

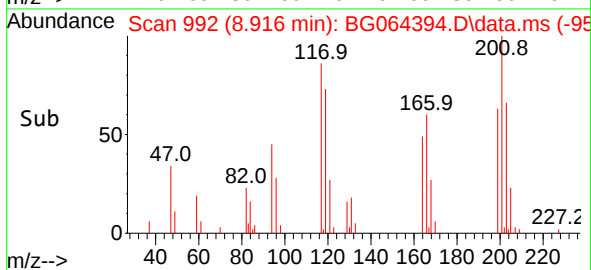
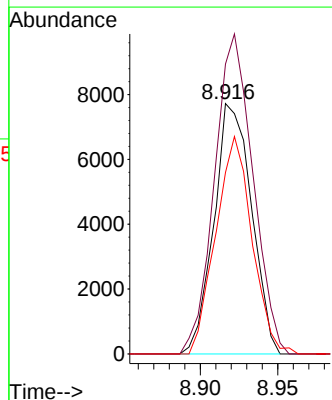
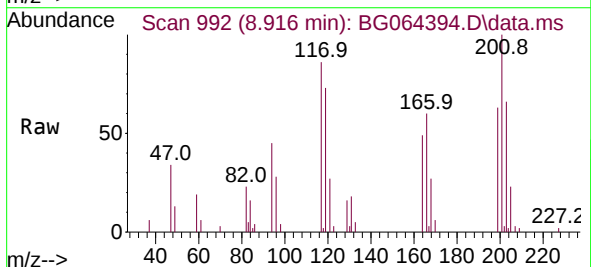
Instrument :
BNA_G
ClientSampleId :

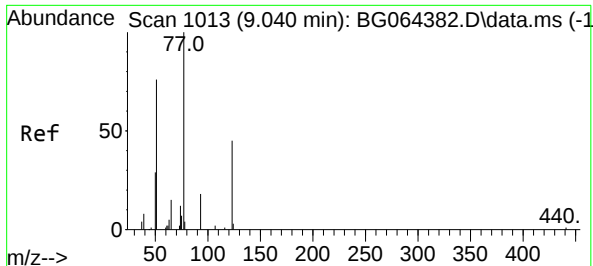
Tgt Ion:108 Resp: 31577
Ion Ratio Lower Upper
108 100
107 114.8 95.0 142.6



#19
Hexachloroethane
Concen: 19.129 ng/ul
RT: 8.916 min Scan# 992
Delta R.T. -0.008 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

Tgt Ion:117 Resp: 13055
Ion Ratio Lower Upper
117 100
201 115.8 96.8 145.2
199 72.5 62.4 93.6





#22

Nitrobenzene

Concen: 20.109 ng/ul

RT: 9.034 min Scan# 1101

Delta R.T. -0.008 min

Lab File: BG064394.D

Acq: 16 Sep 2025 21:31

Instrument :

BNA_G

ClientSampleId :

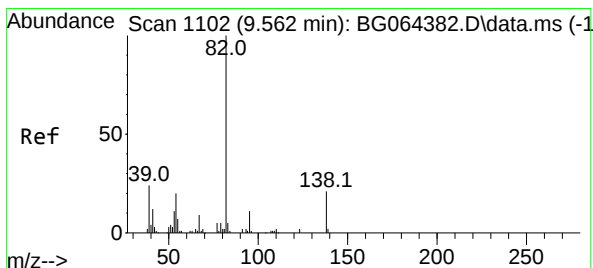
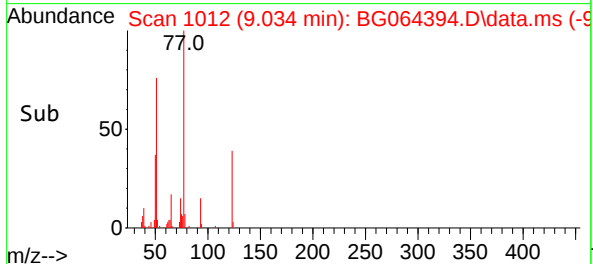
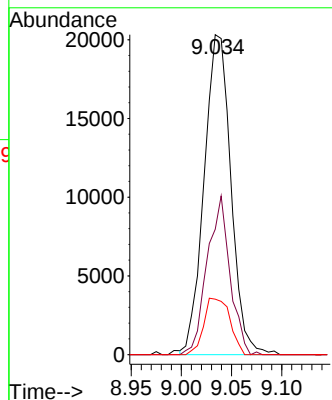
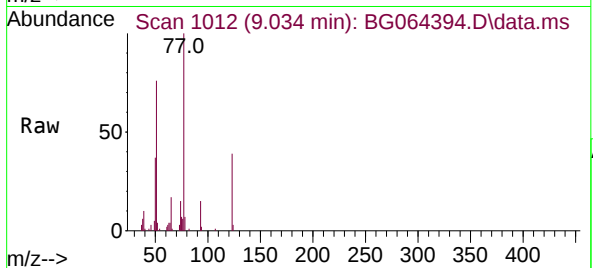
Tgt Ion: 77 Resp: 37788

Ion Ratio Lower Upper

77 100

123 39.2 31.0 46.6

65 17.3 13.2 19.8



#23

Isophorone

Concen: 19.211 ng/ul

RT: 9.557 min Scan# 1101

Delta R.T. -0.008 min

Lab File: BG064394.D

Acq: 16 Sep 2025 21:31

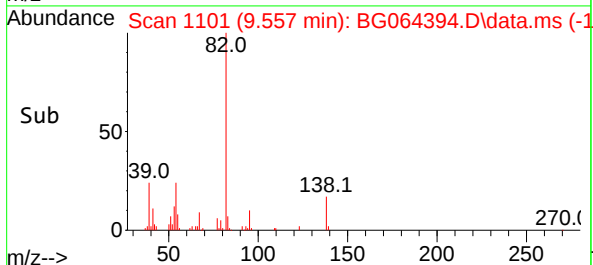
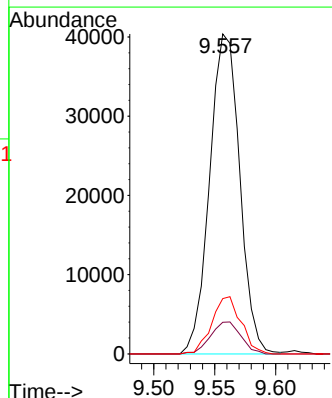
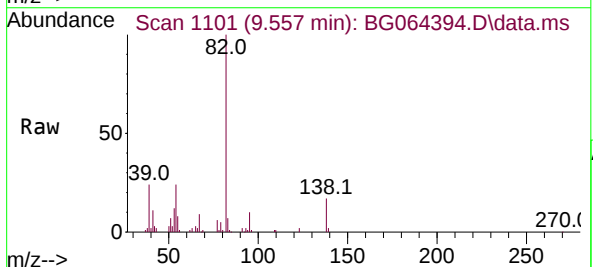
Tgt Ion: 82 Resp: 69420

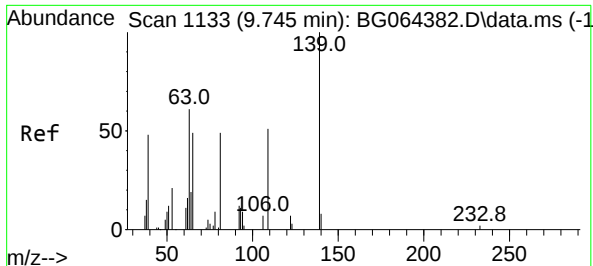
Ion Ratio Lower Upper

82 100

95 9.9 8.6 12.8

138 17.3 15.1 22.7





#25

2-Nitrophenol

Concen: 21.726 ng/ul

RT: 9.745 min Scan# 1133

Delta R.T. -0.002 min

Lab File: BG064394.D

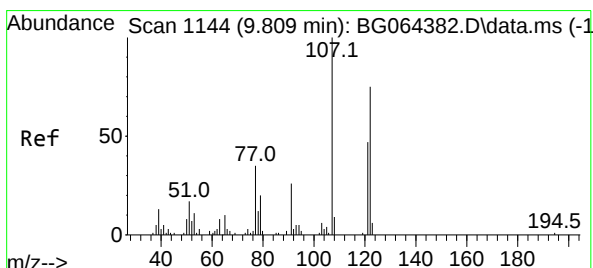
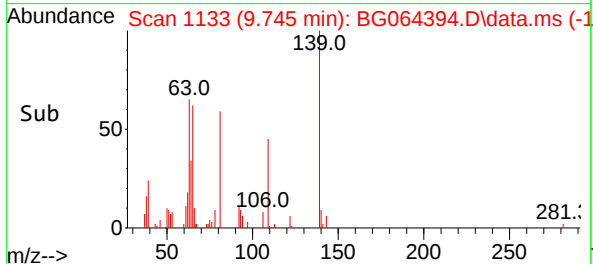
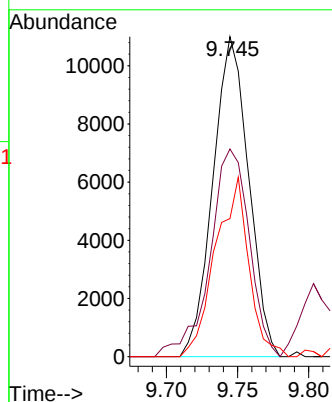
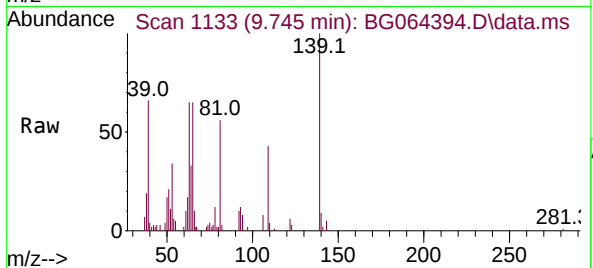
Acq: 16 Sep 2025 21:31

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:139	Resp:	19221
Ion Ratio	Lower	Upper
139	100	
65	64.9	50.2 75.4
109	43.1	41.8 62.6



#26

2,4-Dimethylphenol

Concen: 20.078 ng/ul

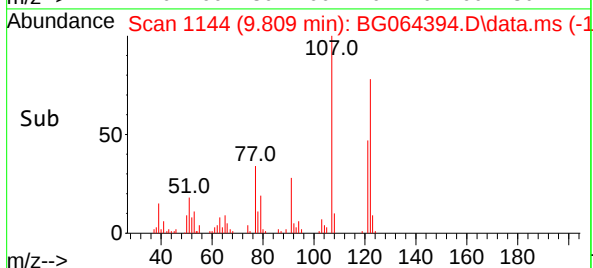
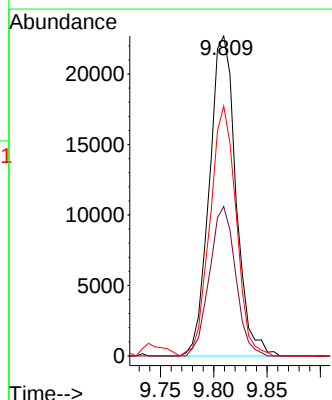
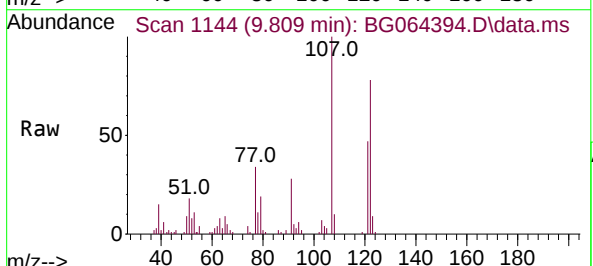
RT: 9.809 min Scan# 1144

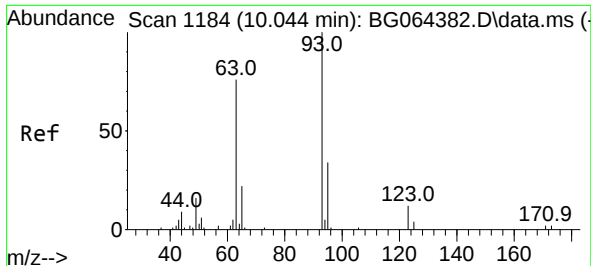
Delta R.T. -0.002 min

Lab File: BG064394.D

Acq: 16 Sep 2025 21:31

Tgt Ion:107	Resp:	39385
Ion Ratio	Lower	Upper
107	100	
121	46.7	36.2 54.4
122	78.1	64.1 96.1

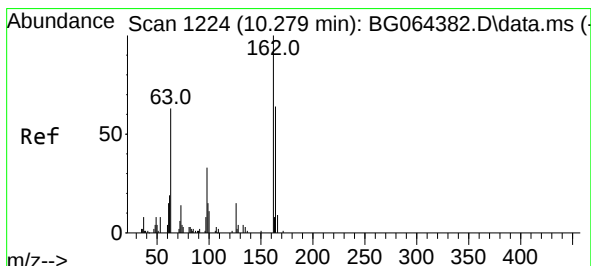
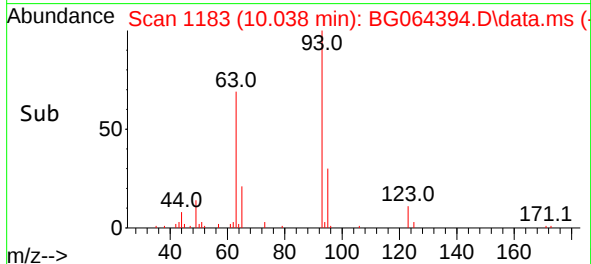
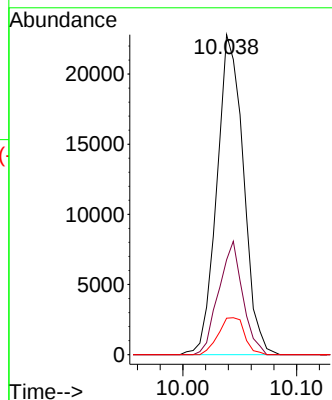
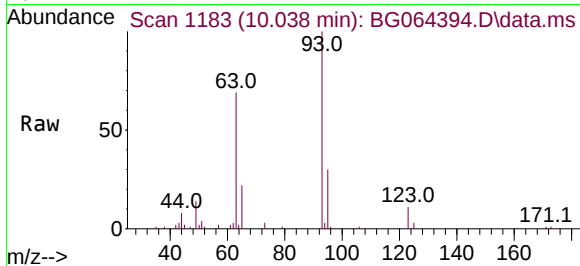




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.191 ng/ul
 RT: 10.038 min Scan# 1183
 Delta R.T. -0.008 min
 Lab File: BG064394.D
 Acq: 16 Sep 2025 21:31

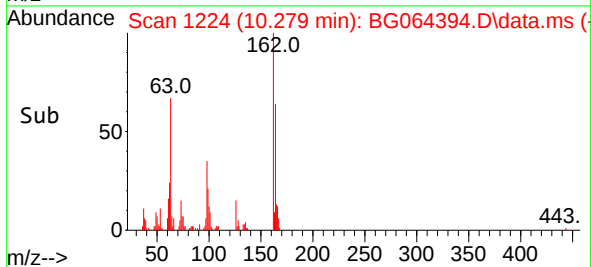
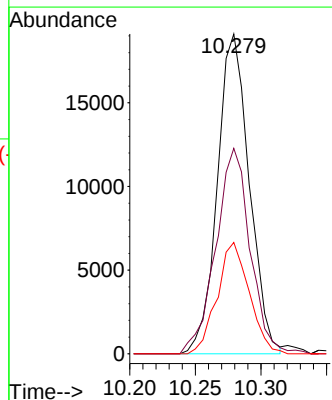
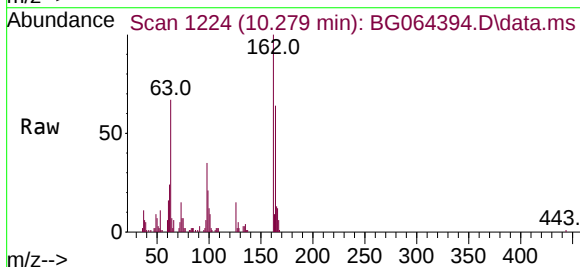
Instrument :
 BNA_G
 ClientSampleId :

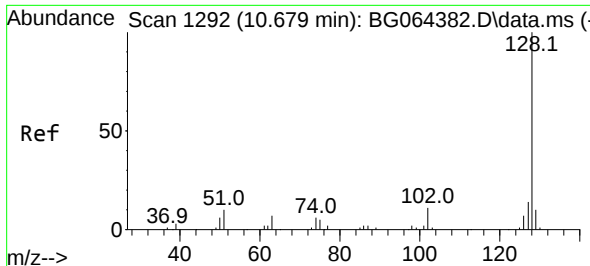
Tgt Ion: 93 Resp: 36941
 Ion Ratio Lower Upper
 93 100
 95 29.6 24.9 37.3
 123 11.4 10.2 15.4



#29
 2,4-Dichlorophenol
 Concen: 20.715 ng/ul
 RT: 10.279 min Scan# 1224
 Delta R.T. -0.002 min
 Lab File: BG064394.D
 Acq: 16 Sep 2025 21:31

Tgt Ion:162 Resp: 32430
 Ion Ratio Lower Upper
 162 100
 164 64.2 49.8 74.8
 98 34.8 31.0 46.6

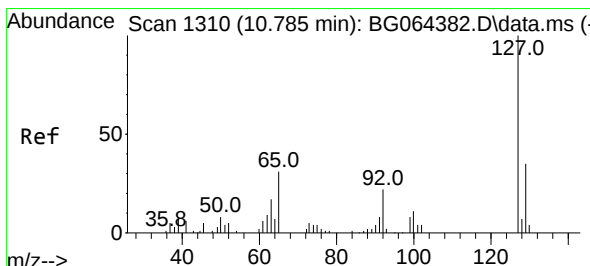
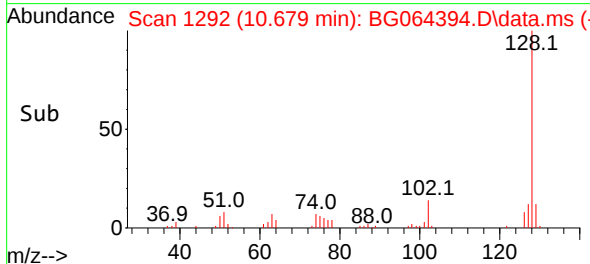
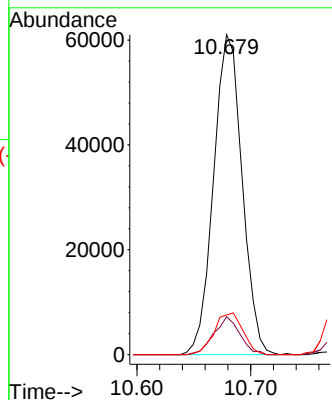
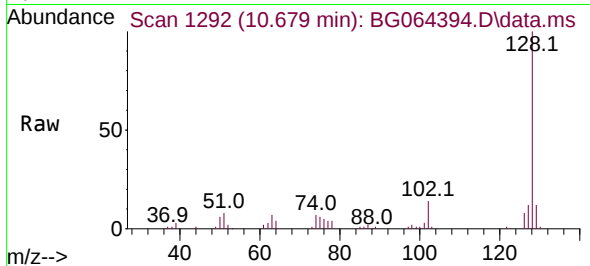




#30
Naphthalene
Concen: 20.295 ng/ul
RT: 10.679 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

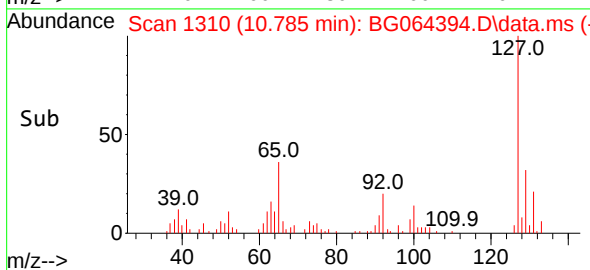
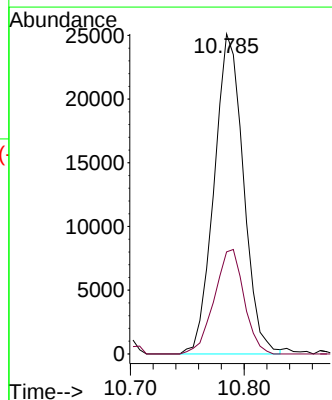
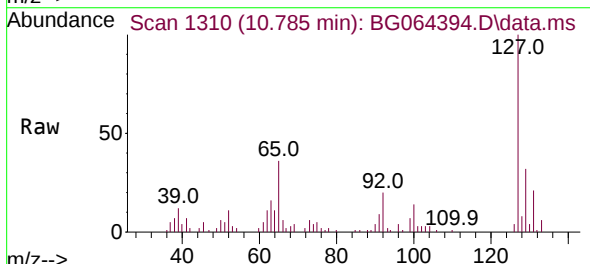
Instrument :
BNA_G
ClientSampleId :

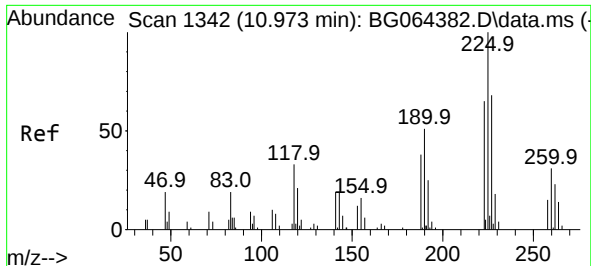
Tgt Ion:128 Resp: 106524
Ion Ratio Lower Upper
128 100
129 11.8 8.6 12.8
127 12.4 10.1 15.1



#32
4-Chloroaniline
Concen: 19.634 ng/ul
RT: 10.785 min Scan# 1310
Delta R.T. -0.002 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

Tgt Ion:127 Resp: 44893
Ion Ratio Lower Upper
127 100
129 31.9 28.4 42.6

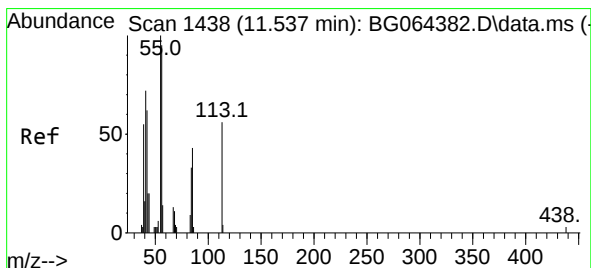
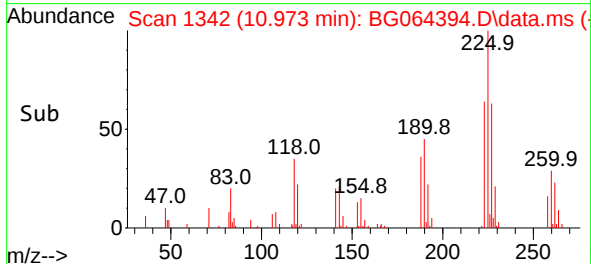
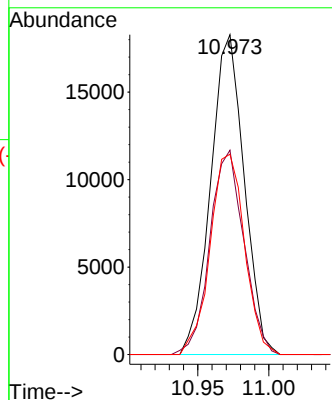
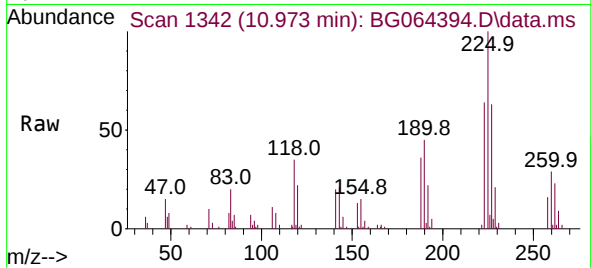




#33
Hexachlorobutadiene
Concen: 21.294 ng/ul
RT: 10.973 min Scan# 1342
Delta R.T. -0.002 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

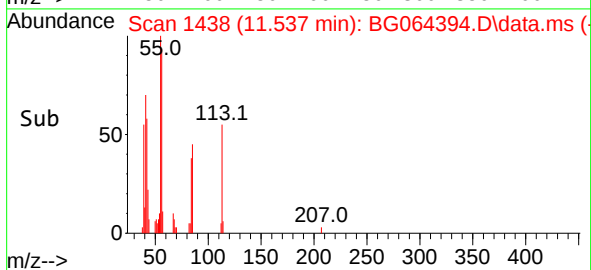
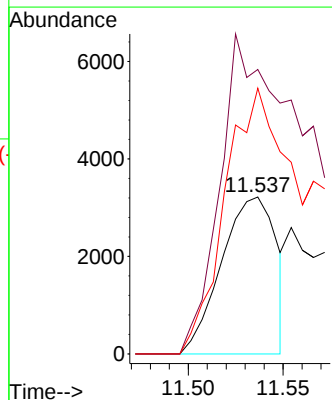
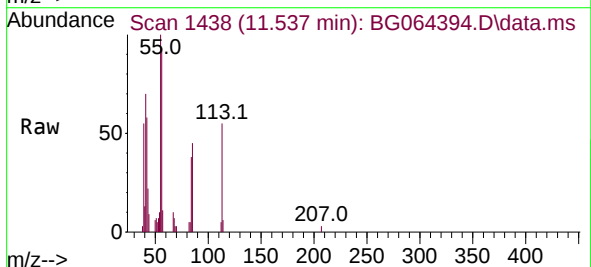
Instrument :
BNA_G
ClientSampleId :

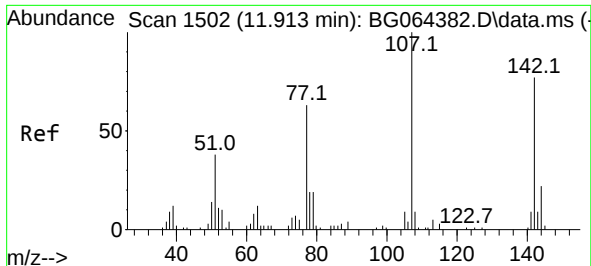
Tgt Ion:225 Resp: 29951
Ion Ratio Lower Upper
225 100
223 63.9 45.8 68.8
227 62.6 50.6 76.0



#34
Caprolactam
Concen: 10.207 ng/ul
RT: 11.537 min Scan# 1438
Delta R.T. -0.008 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

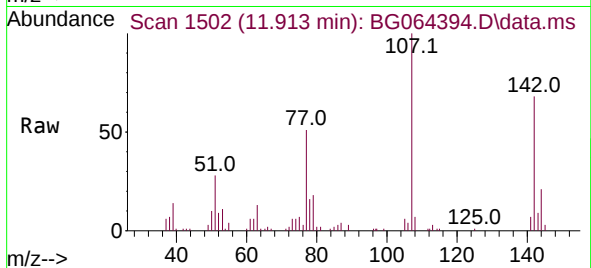
Tgt Ion:113 Resp: 6481
Ion Ratio Lower Upper
113 100
55 181.3 143.5 215.3
56 169.3 111.1 166.7#



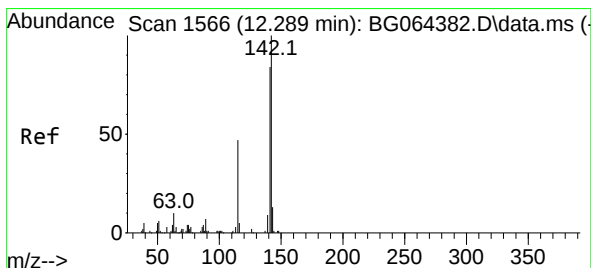
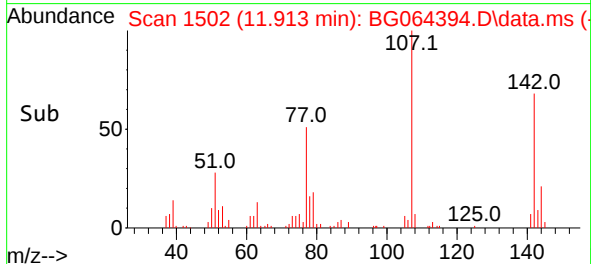
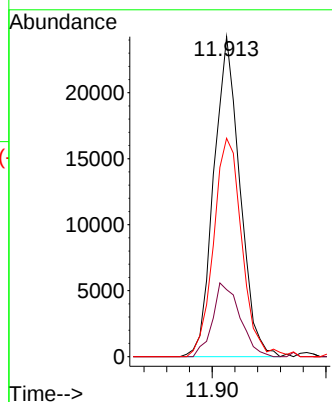


#35
 4-Chloro-3-methylphenol
 Concen: 19.935 ng/ul
 RT: 11.913 min Scan# 1502
 Delta R.T. -0.002 min
 Lab File: BG064394.D
 Acq: 16 Sep 2025 21:31

Instrument :
 BNA_G
 ClientSampleId :

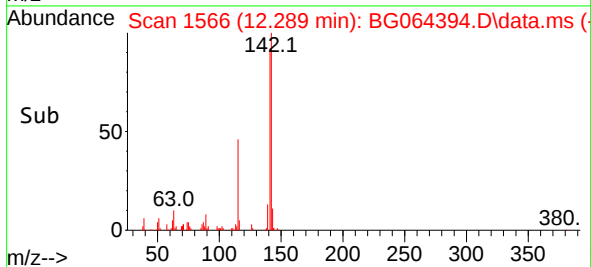
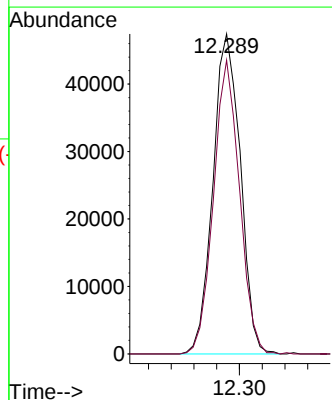
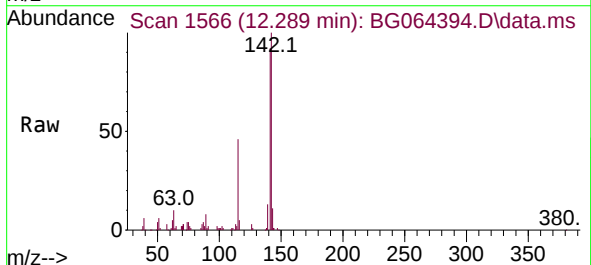


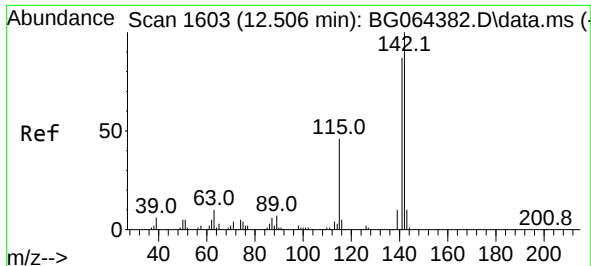
Tgt Ion:107 Resp: 38614
 Ion Ratio Lower Upper
 107 100
 144 20.9 15.6 23.4
 142 68.2 55.9 83.9



#36
 2-Methylnaphthalene
 Concen: 19.842 ng/ul
 RT: 12.289 min Scan# 1566
 Delta R.T. -0.008 min
 Lab File: BG064394.D
 Acq: 16 Sep 2025 21:31

Tgt Ion:142 Resp: 79283
 Ion Ratio Lower Upper
 142 100
 141 91.8 67.2 100.8

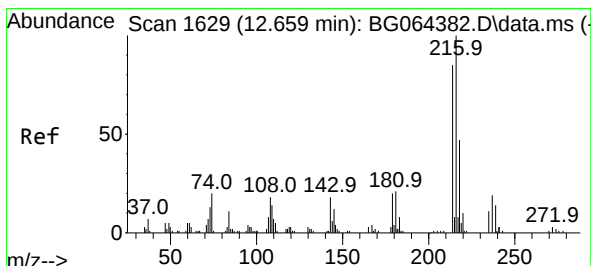
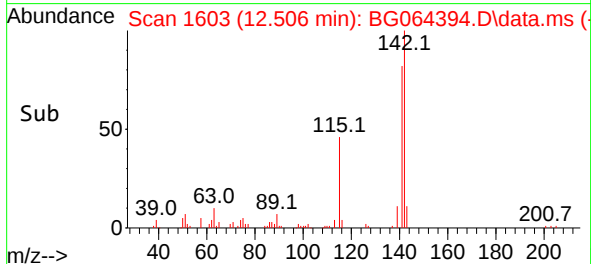
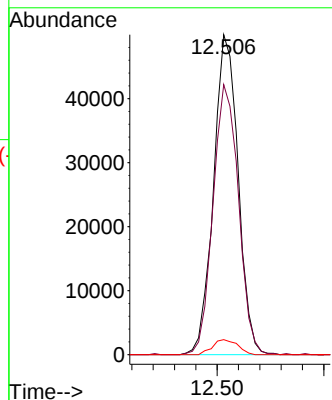
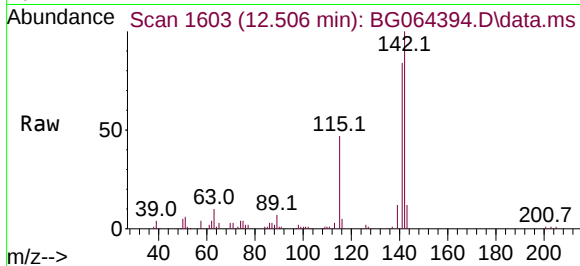




#37
1-Methylnaphthalene
Concen: 20.165 ng/ul
RT: 12.506 min Scan# 1603
Delta R.T. -0.008 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

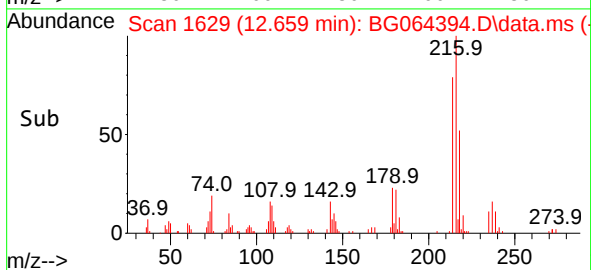
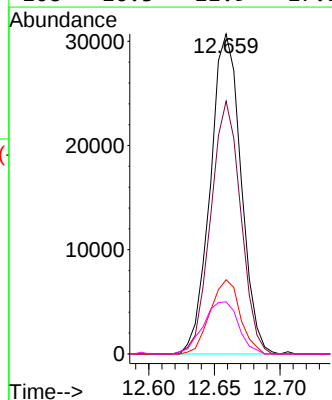
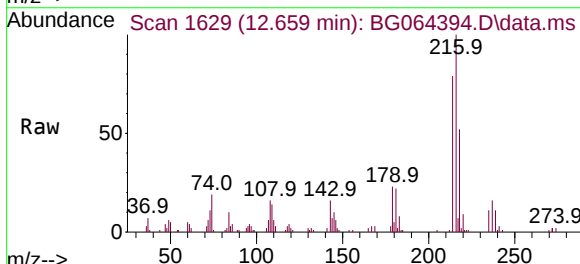
Instrument :
BNA_G
ClientSampleId :

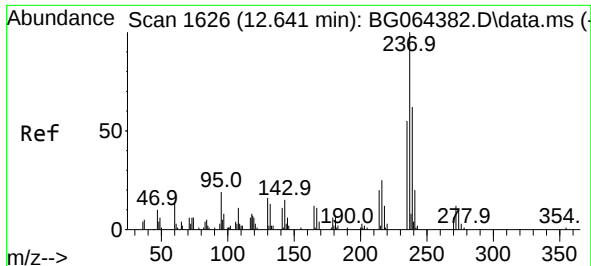
Tgt Ion:142 Resp: 80074
Ion Ratio Lower Upper
142 100
141 84.4 68.6 103.0
116 4.7 4.2 6.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 21.980 ng/ul
RT: 12.659 min Scan# 1629
Delta R.T. -0.002 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

Tgt Ion:216 Resp: 49967
Ion Ratio Lower Upper
216 100
214 79.0 64.4 96.6
179 23.2 16.4 24.6
108 16.3 11.9 17.9

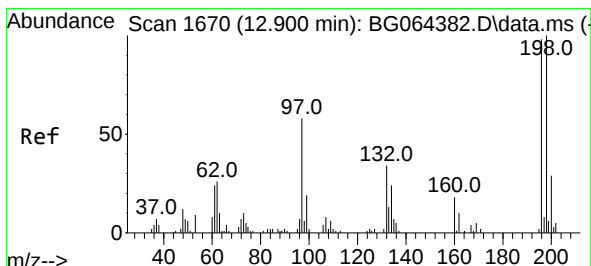
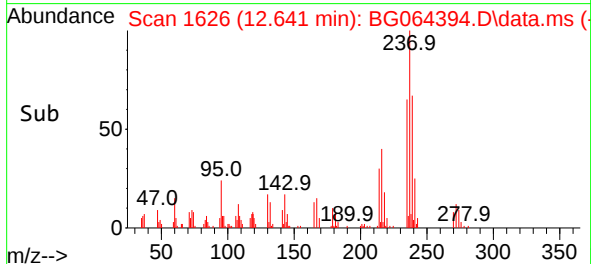
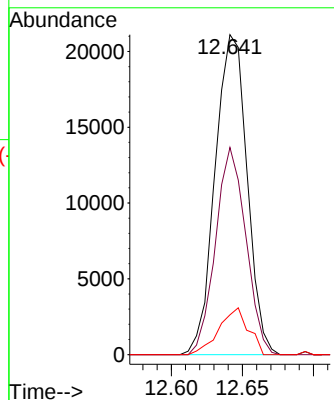
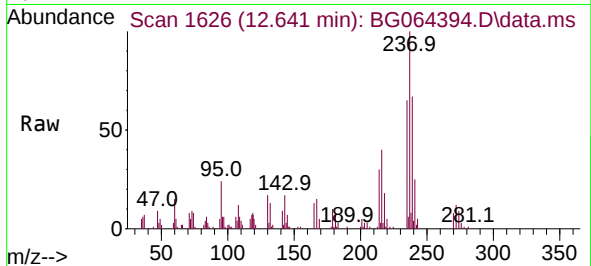




#40
Hexachlorocyclopentadiene
Concen: 21.144 ng/ul
RT: 12.641 min Scan# 1626
Delta R.T. -0.008 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

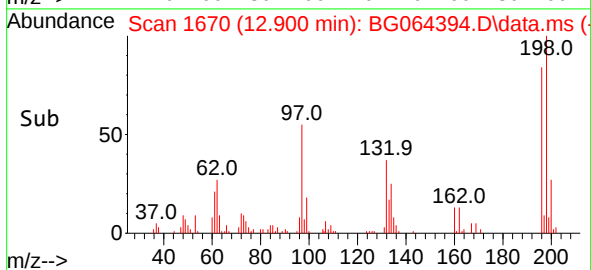
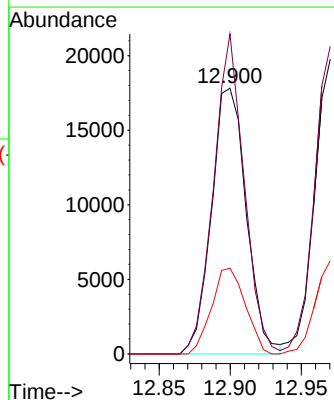
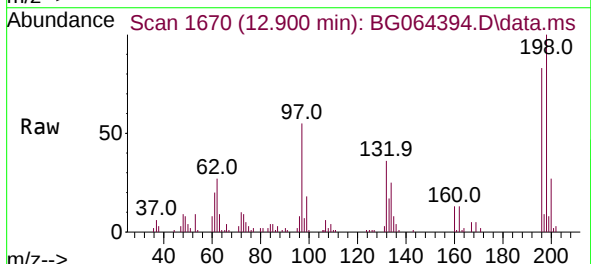
Instrument :
BNA_G
ClientSampleId :

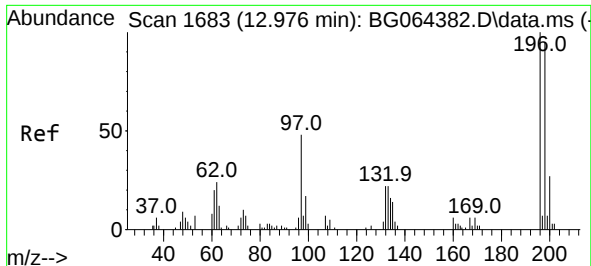
Tgt Ion:237 Resp: 33105
Ion Ratio Lower Upper
237 100
235 64.7 50.5 75.7
272 12.5 10.4 15.6



#41
2,4,6-Trichlorophenol
Concen: 20.838 ng/ul
RT: 12.900 min Scan# 1670
Delta R.T. -0.002 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

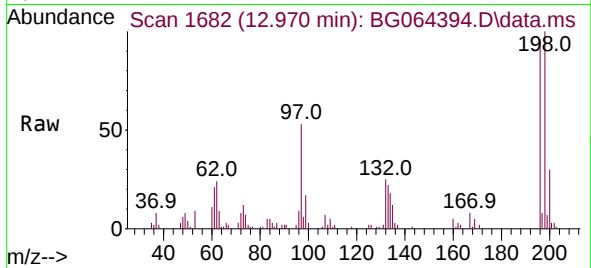
Tgt Ion:196 Resp: 30347
Ion Ratio Lower Upper
196 100
198 120.4 87.4 131.0
200 32.2 25.8 38.6



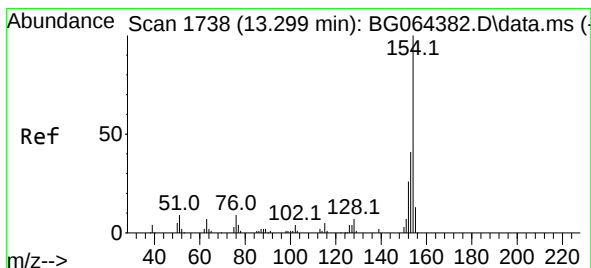
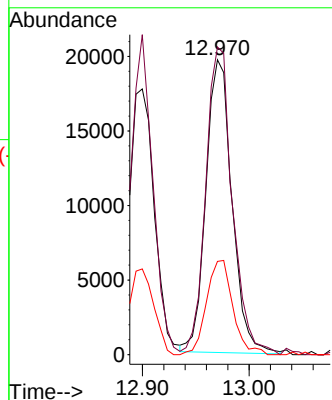
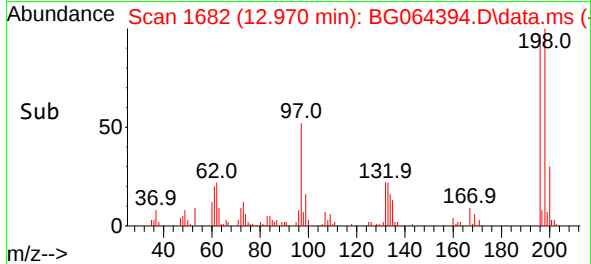


#42
2,4,5-Trichlorophenol
Concen: 21.469 ng/ul
RT: 12.970 min Scan# 1682
Delta R.T. -0.008 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

Instrument :
BNA_G
ClientSampleId :

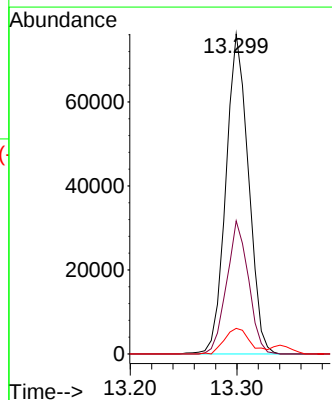
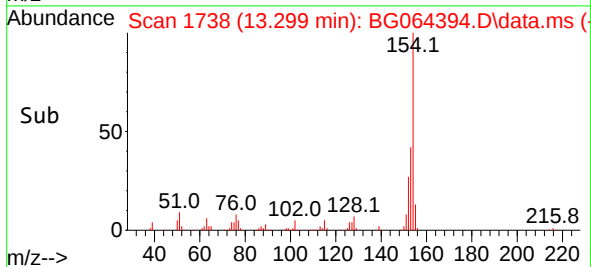
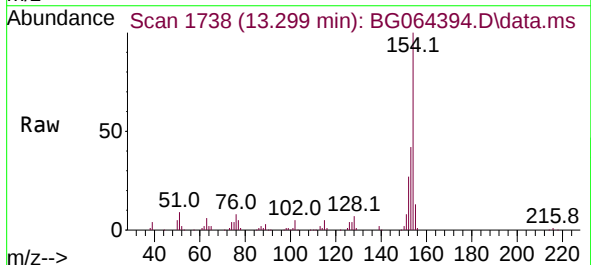


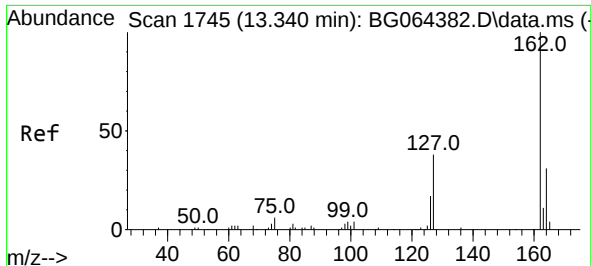
Tgt Ion:196 Resp: 33446
Ion Ratio Lower Upper
196 100
198 104.3 85.4 128.0
200 34.5 30.5 45.7



#43
1,1'-Biphenyl
Concen: 21.119 ng/ul
RT: 13.299 min Scan# 1738
Delta R.T. -0.008 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

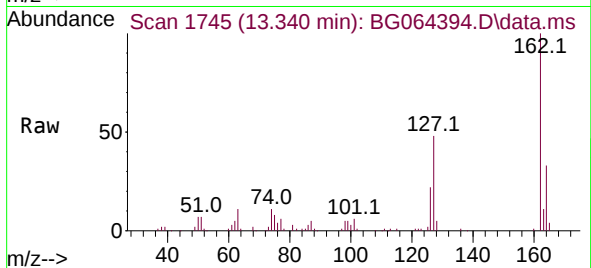
Tgt Ion:154 Resp: 111851
Ion Ratio Lower Upper
154 100
153 41.6 31.8 47.8
76 8.0 8.6 13.0#



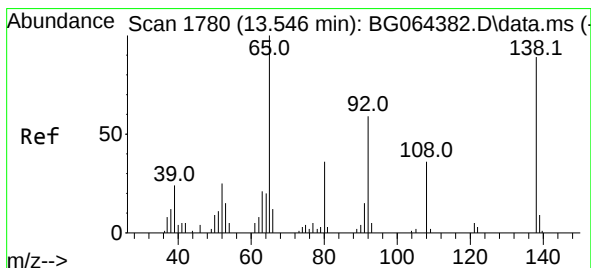
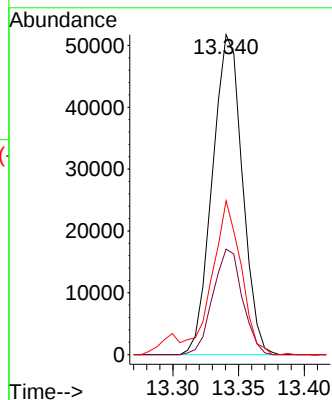
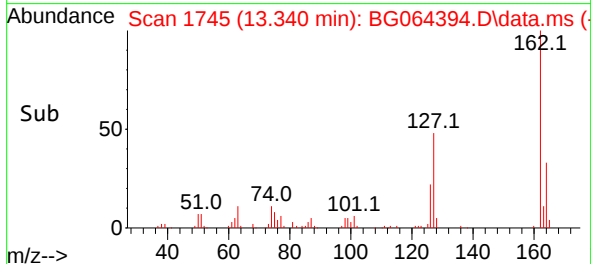


#44
2-Chloronaphthalene
Concen: 21.165 ng/ul
RT: 13.340 min Scan# 1745
Delta R.T. -0.002 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

Instrument :
BNA_G
ClientSampleId :

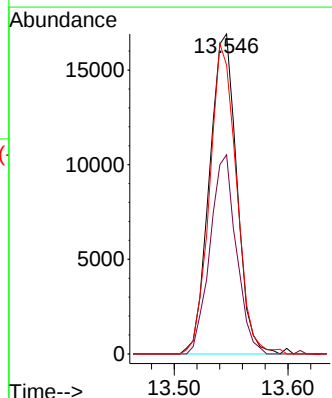
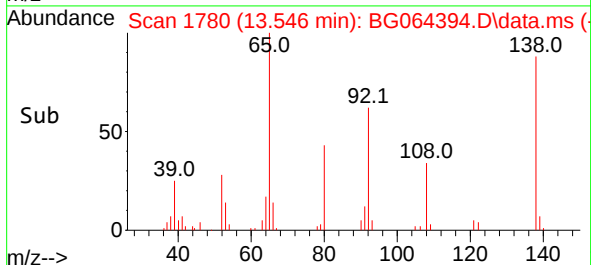
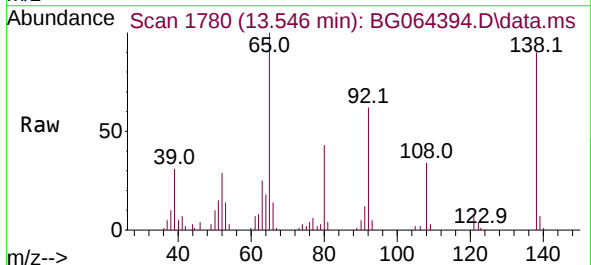


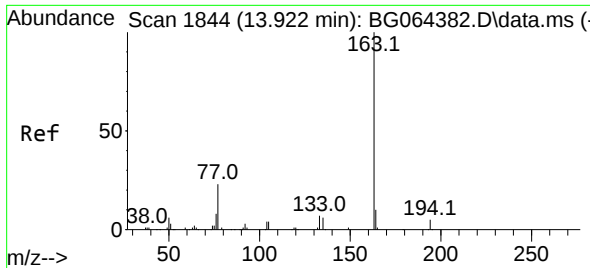
Tgt Ion:162 Resp: 82253
Ion Ratio Lower Upper
162 100
164 33.0 23.0 34.6
127 48.1 36.3 54.5



#45
2-Nitroaniline
Concen: 20.237 ng/ul
RT: 13.546 min Scan# 1780
Delta R.T. -0.002 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

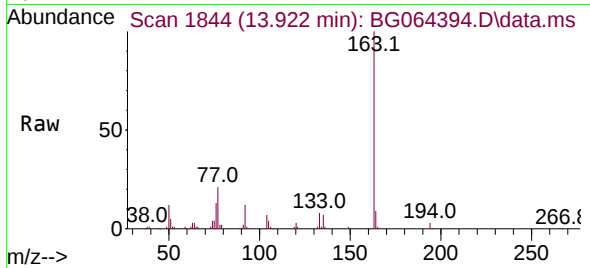
Tgt Ion: 65 Resp: 28240
Ion Ratio Lower Upper
65 100
92 62.2 54.4 81.6
138 90.2 77.4 116.0



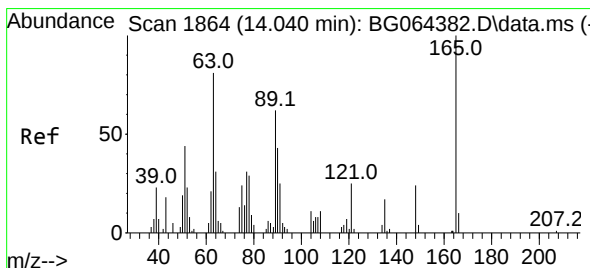
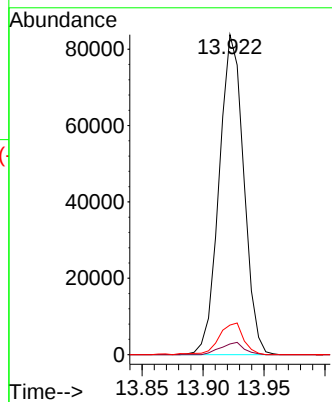
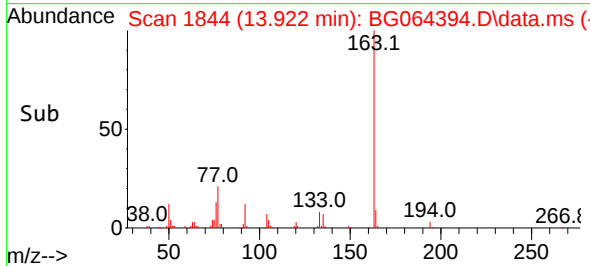


#47
Dimethylphthalate
Concen: 19.750 ng/ul
RT: 13.922 min Scan# 1844
Delta R.T. -0.002 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

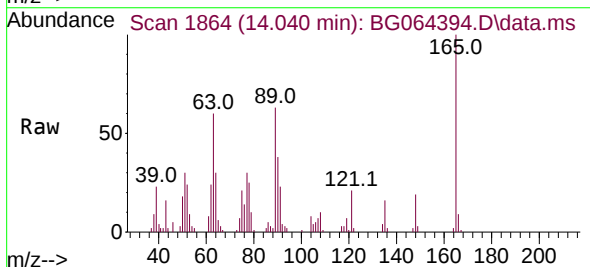
Instrument :
BNA_G
ClientSampleId :



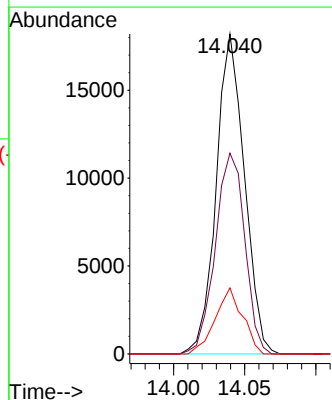
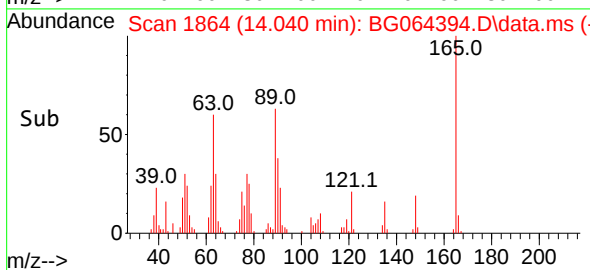
Tgt Ion:163 Resp: 117312
Ion Ratio Lower Upper
163 100
194 3.3 2.2 3.4
164 9.2 9.7 14.5#

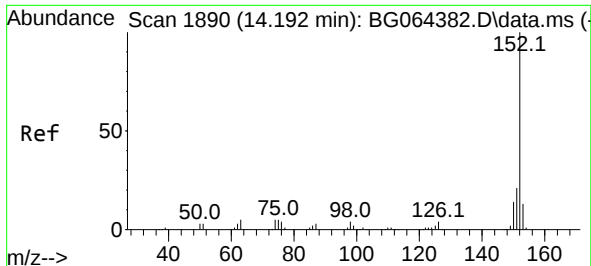


#48
2,6-Dinitrotoluene
Concen: 22.137 ng/ul
RT: 14.040 min Scan# 1864
Delta R.T. -0.002 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31



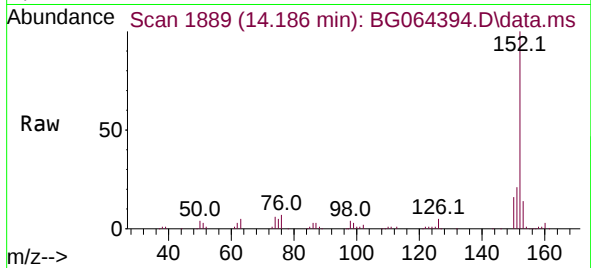
Tgt Ion:165 Resp: 25157
Ion Ratio Lower Upper
165 100
89 62.7 48.6 72.8
121 20.6 16.3 24.5



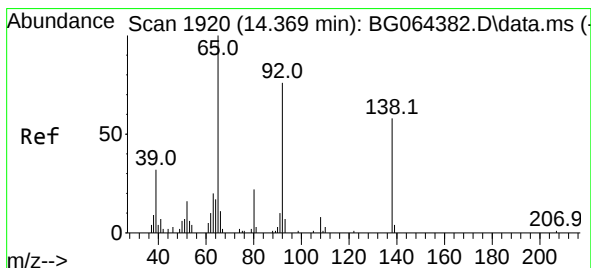
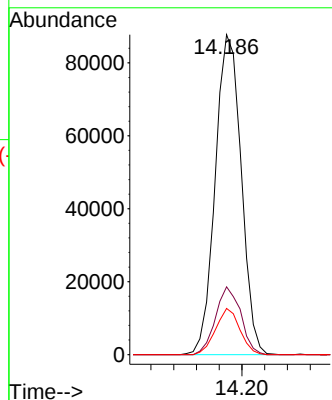
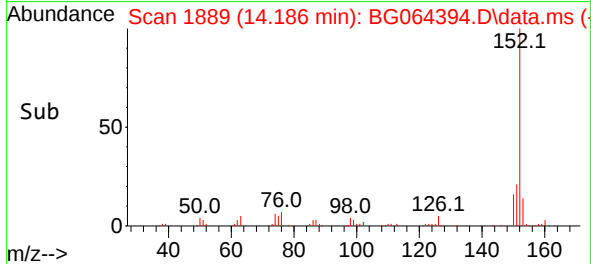


#50
Acenaphthylene
Concen: 20.950 ng/ul
RT: 14.186 min Scan# 1889
Delta R.T. -0.008 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

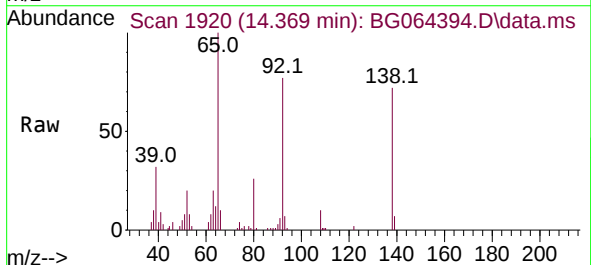
Instrument :
BNA_G
ClientSampleId :



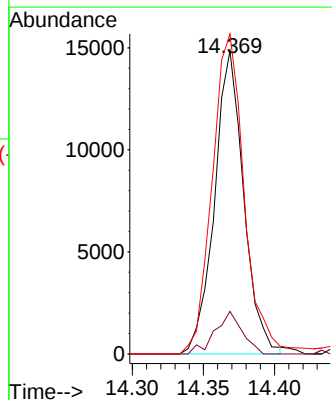
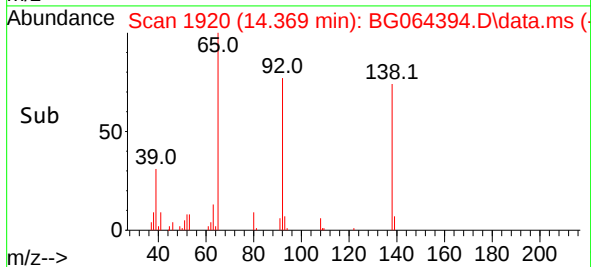
Tgt Ion:152 Resp: 139209
Ion Ratio Lower Upper
152 100
151 21.2 15.8 23.6
153 14.5 10.4 15.6

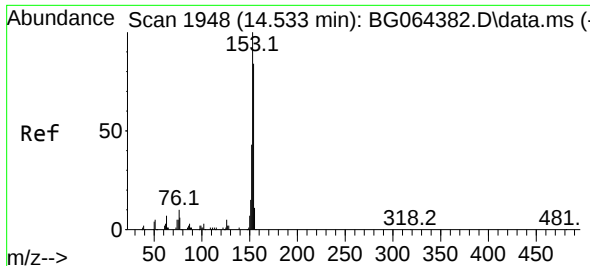


#51
3-Nitroaniline
Concen: 21.887 ng/ul
RT: 14.369 min Scan# 1920
Delta R.T. -0.002 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31



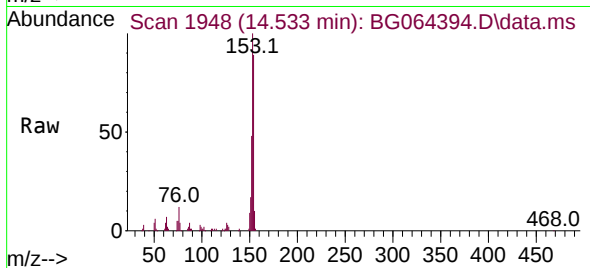
Tgt Ion:138 Resp: 21218
Ion Ratio Lower Upper
138 100
108 14.0 9.4 14.2
92 105.6 97.7 146.5



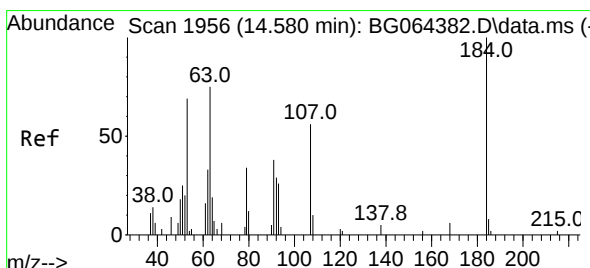
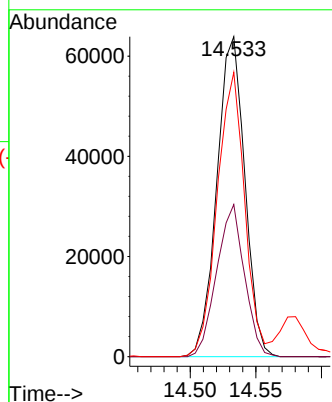
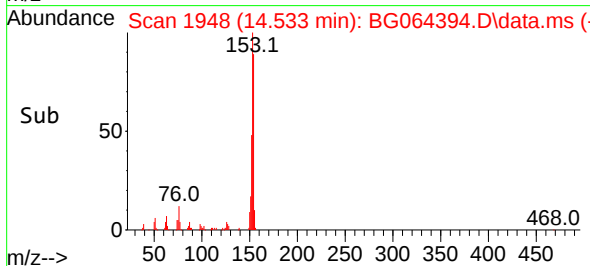


#52
Acenaphthene
Concen: 20.983 ng/ul
RT: 14.533 min Scan# 1948
Delta R.T. -0.002 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

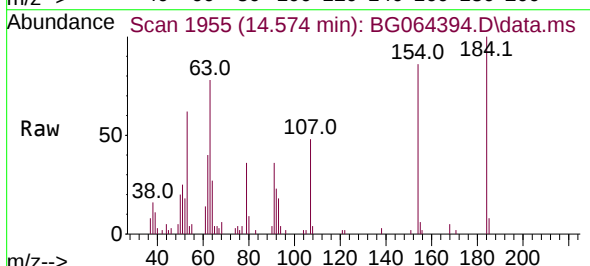
Instrument :
BNA_G
ClientSampleId :



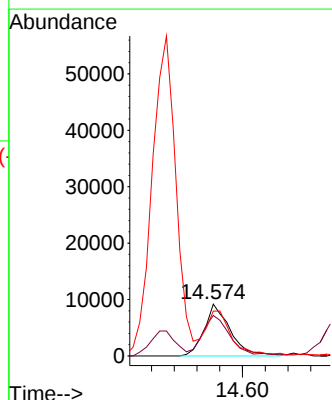
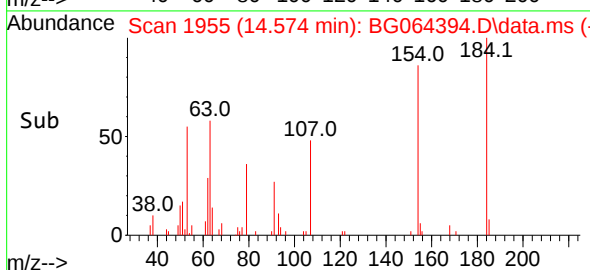
Tgt Ion:153 Resp: 94677
Ion Ratio Lower Upper
153 100
152 47.5 33.0 49.6
154 88.8 67.0 100.4

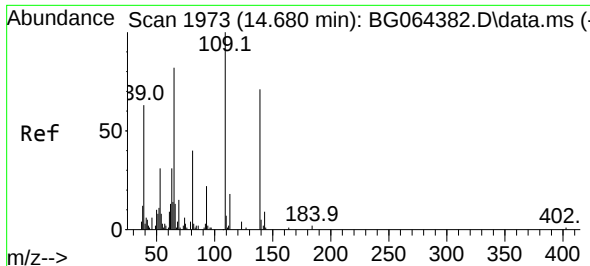


#53
2,4-Dinitrophenol
Concen: 18.928 ng/ul
RT: 14.574 min Scan# 1955
Delta R.T. -0.008 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31



Tgt Ion:184 Resp: 14488
Ion Ratio Lower Upper
184 100
63 78.2 75.3 112.9
154 86.4 86.7 130.1#

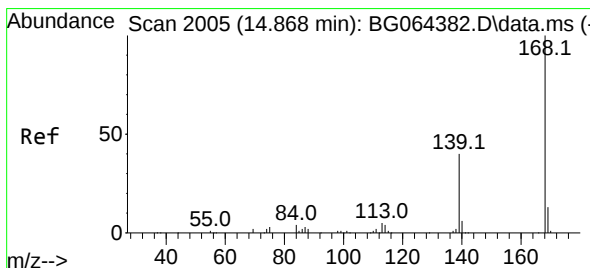
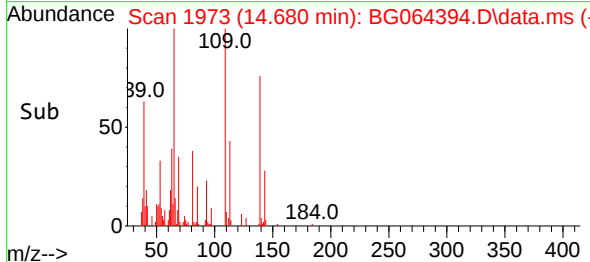
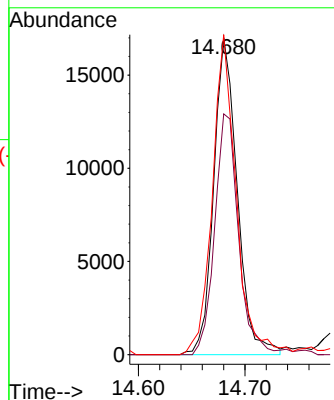
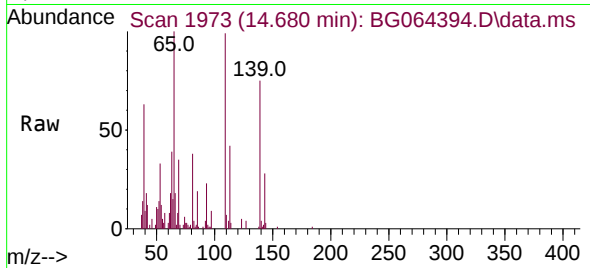




#55
4-Nitrophenol
Concen: 19.728 ng/ul
RT: 14.680 min Scan# 1973
Delta R.T. -0.008 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

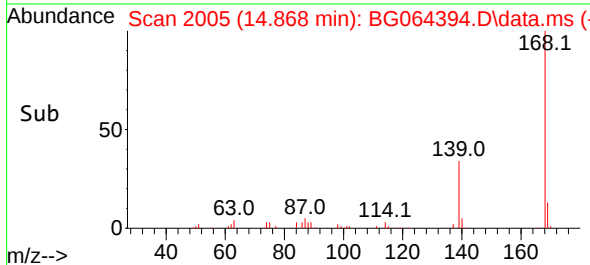
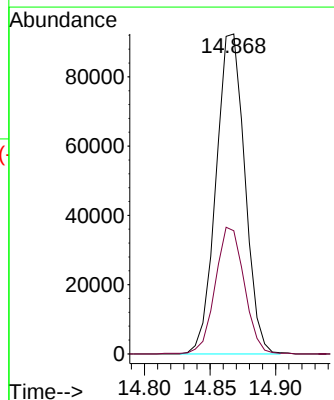
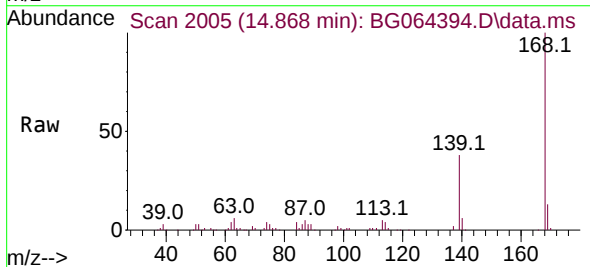
Instrument :
BNA_G
ClientSampleId :

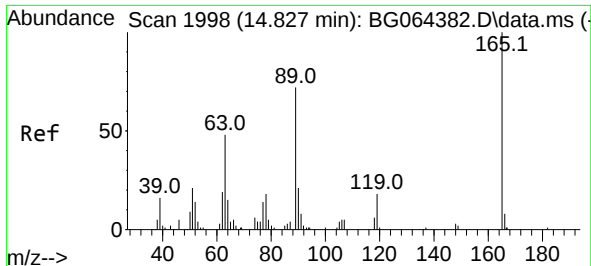
Tgt Ion	Ratio	Lower	Upper
109	100		
139	76.0	52.7	79.1
65	101.0	72.2	108.2



#56
Dibenzofuran
Concen: 21.078 ng/ul
RT: 14.868 min Scan# 2005
Delta R.T. -0.002 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

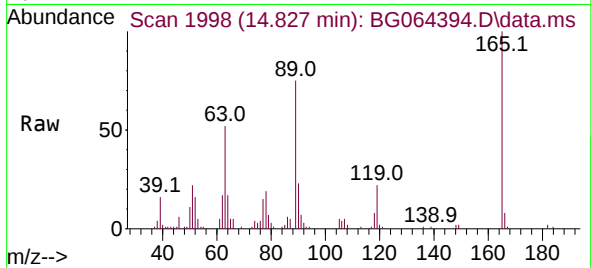
Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.5	37.1	55.7



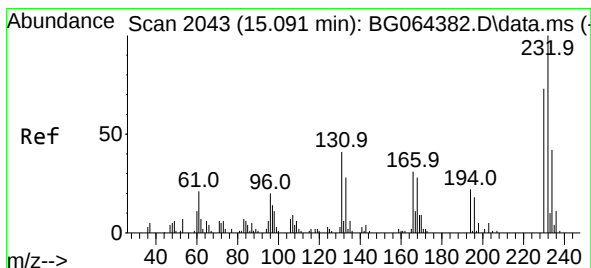
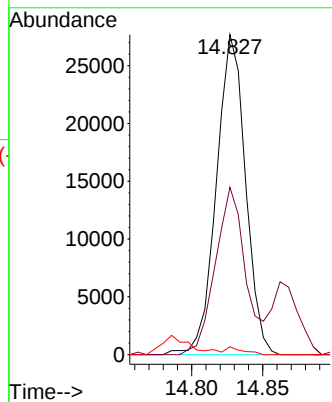
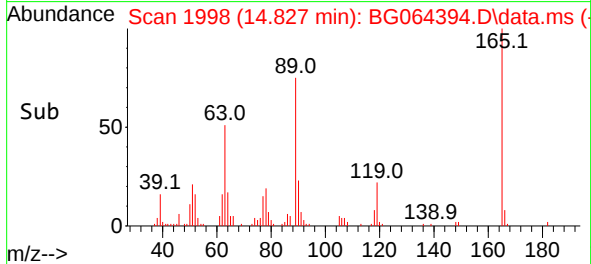


#57
2,4-Dinitrotoluene
Concen: 21.433 ng/ul
RT: 14.827 min Scan# 1998
Delta R.T. -0.002 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

Instrument :
BNA_G
ClientSampleId :

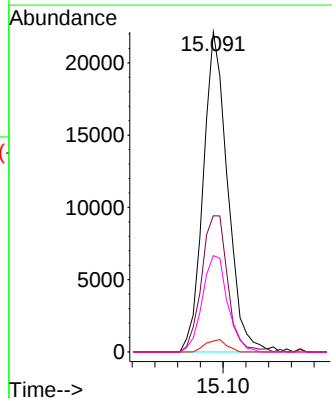
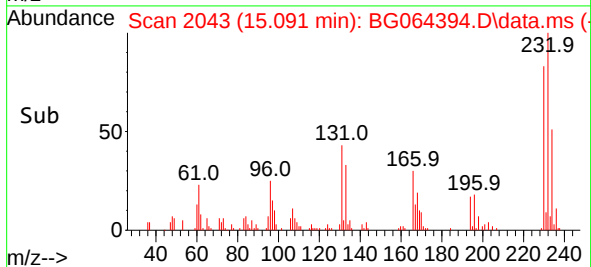
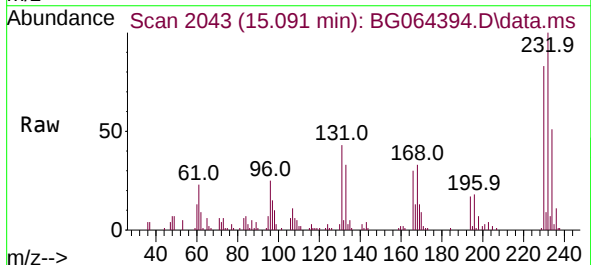


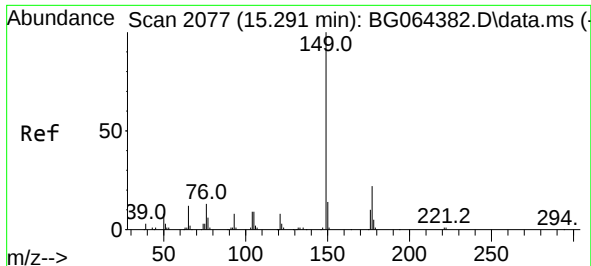
Tgt Ion:165 Resp: 39269
Ion Ratio Lower Upper
165 100
63 52.3 43.9 65.9
182 2.4 1.5 2.3#



#58
2,3,4,6-Tetrachlorophenol
Concen: 20.114 ng/ul
RT: 15.091 min Scan# 2043
Delta R.T. -0.002 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

Tgt Ion:232 Resp: 32964
Ion Ratio Lower Upper
232 100
131 42.5 37.3 55.9
130 3.4 3.0 4.4
166 30.1 25.1 37.7

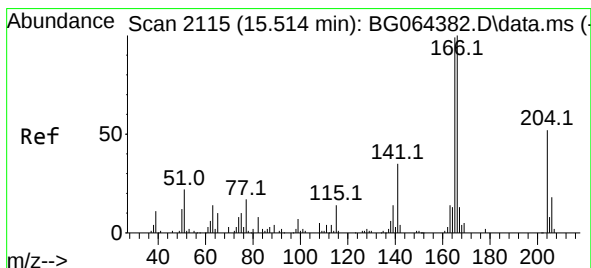
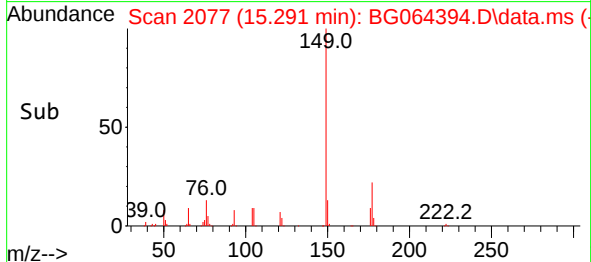
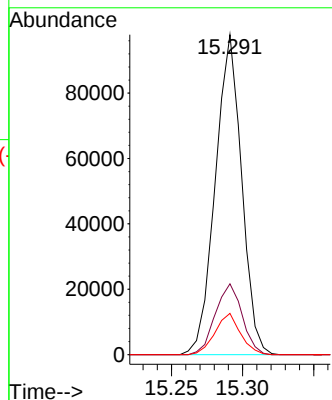
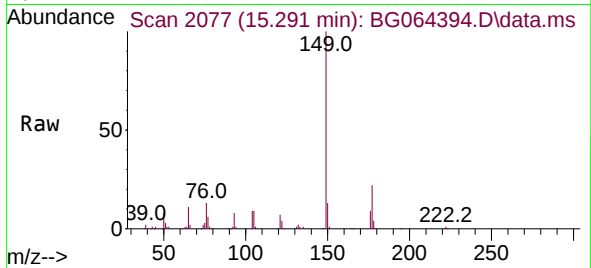




#59
Diethylphthalate
Concen: 19.382 ng/ul
RT: 15.291 min Scan# 2077
Delta R.T. -0.002 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

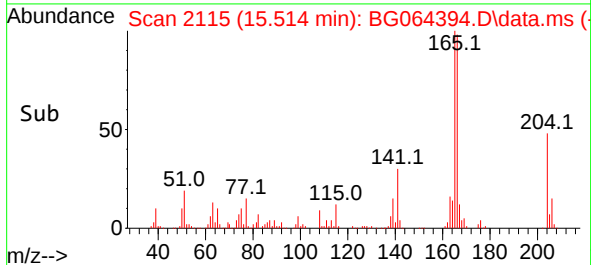
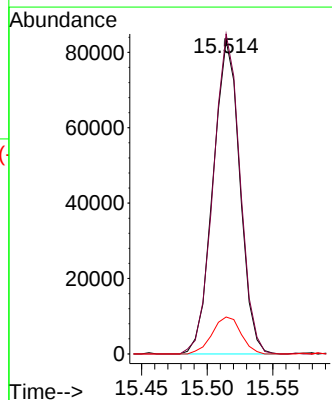
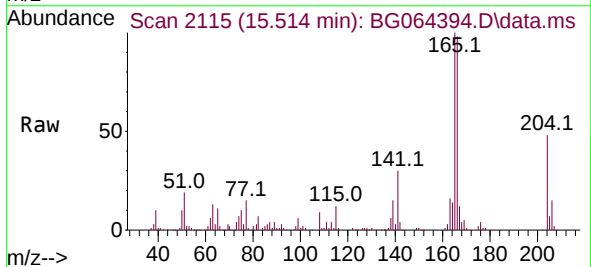
Instrument :
BNA_G
ClientSampleId :

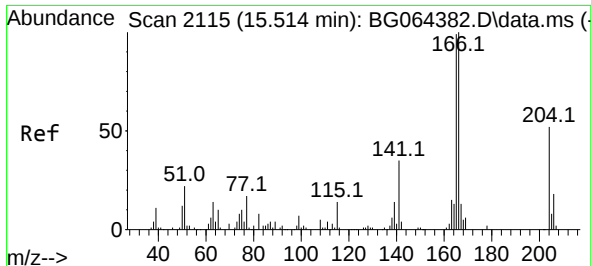
Tgt Ion:149 Resp: 126062
Ion Ratio Lower Upper
149 100
177 22.1 20.6 31.0
150 12.9 10.0 15.0



#61
Fluorene
Concen: 20.862 ng/ul
RT: 15.514 min Scan# 2115
Delta R.T. -0.002 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

Tgt Ion:166 Resp: 118225
Ion Ratio Lower Upper
166 100
165 102.1 75.8 113.8
167 11.7 11.4 17.0

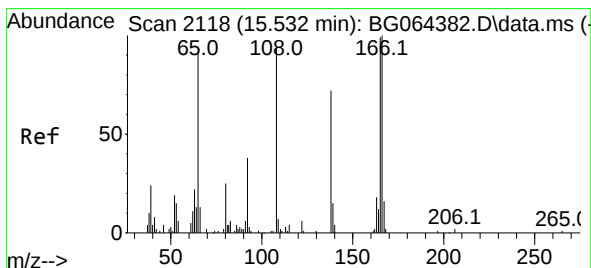
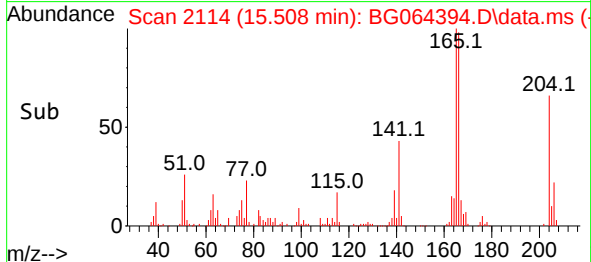
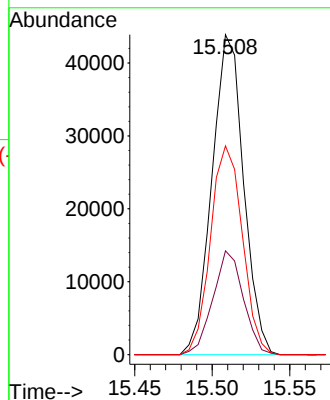
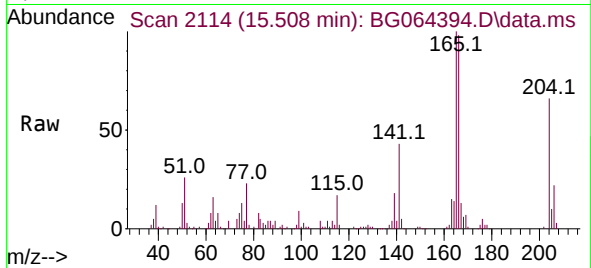




#62
4-Chlorophenyl-phenylether
Concen: 20.902 ng/ul
RT: 15.508 min Scan# 2114
Delta R.T. -0.008 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

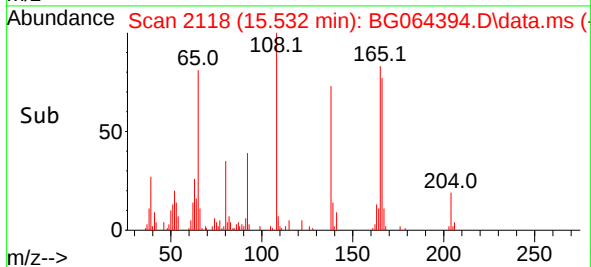
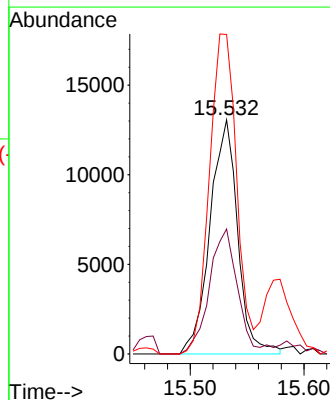
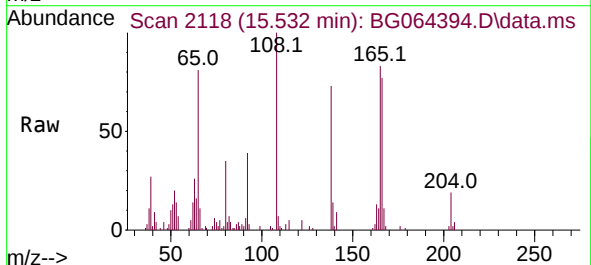
Instrument :
BNA_G
ClientSampleId :

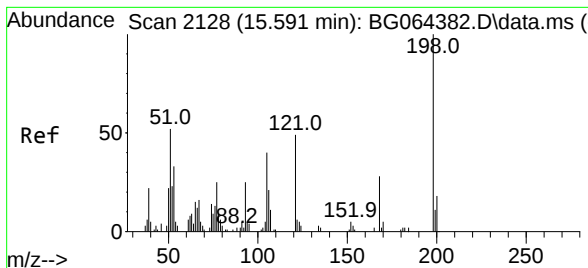
Tgt Ion:204 Resp: 62457
Ion Ratio Lower Upper
204 100
206 32.4 25.0 37.6
141 65.2 48.5 72.7



#63
4-Nitroaniline
Concen: 22.188 ng/ul
RT: 15.532 min Scan# 2118
Delta R.T. -0.002 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

Tgt Ion:138 Resp: 22095
Ion Ratio Lower Upper
138 100
92 53.4 45.8 68.6
108 136.5 108.7 163.1

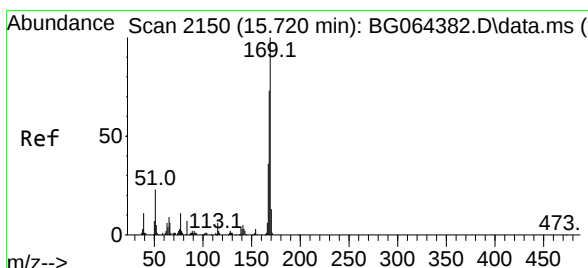
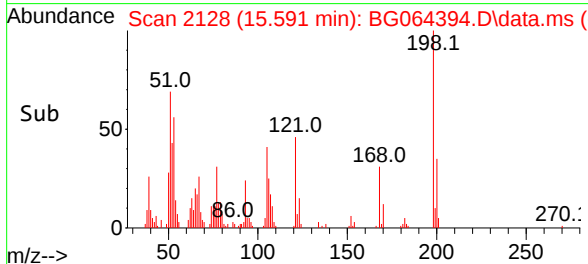
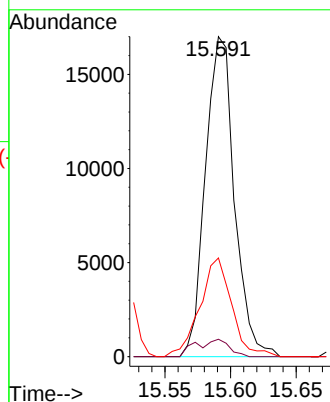
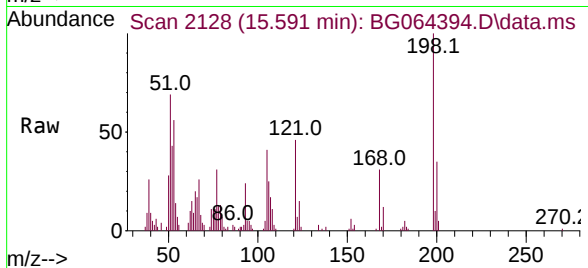




#66
 4,6-Dinitro-2-methylphenol
 Concen: 20.573 ng/ul
 RT: 15.591 min Scan# 2128
 Delta R.T. -0.008 min
 Lab File: BG064394.D
 Acq: 16 Sep 2025 21:31

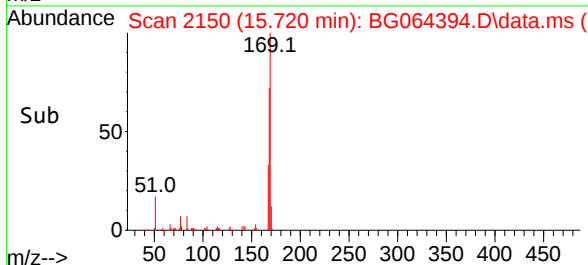
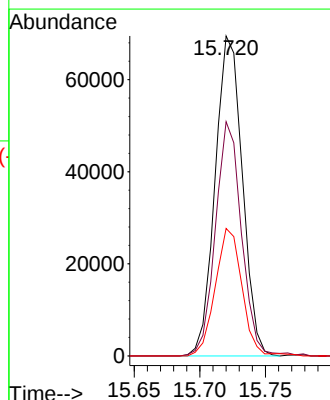
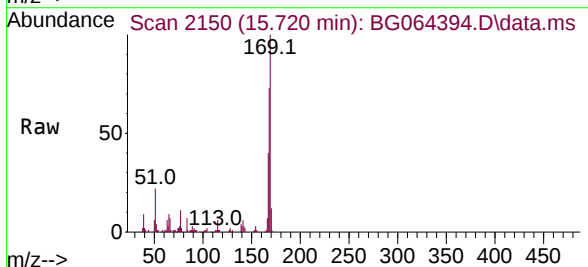
Instrument :
 BNA_G
 ClientSampleId :

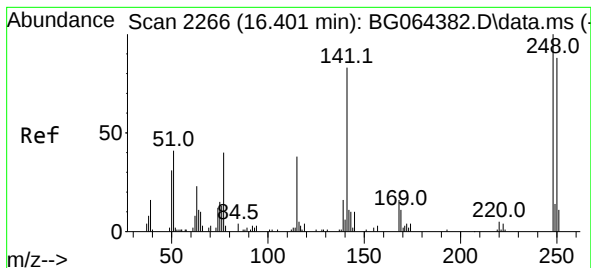
Tgt Ion	Ratio	Lower	Upper
198	100		
182	5.4	3.2	4.8
77	30.8	21.6	32.4



#67
 N-Nitrosodiphenylamine
 Concen: 20.931 ng/ul
 RT: 15.720 min Scan# 2150
 Delta R.T. -0.008 min
 Lab File: BG064394.D
 Acq: 16 Sep 2025 21:31

Tgt Ion	Ratio	Lower	Upper
169	100		
168	73.2	53.3	79.9
167	39.8	29.4	44.0

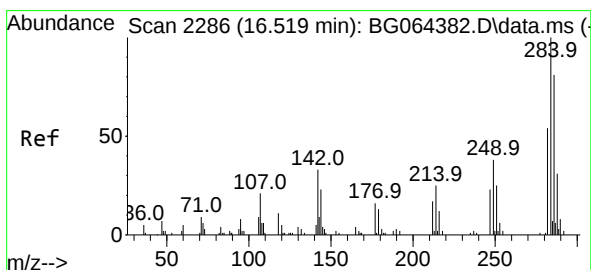
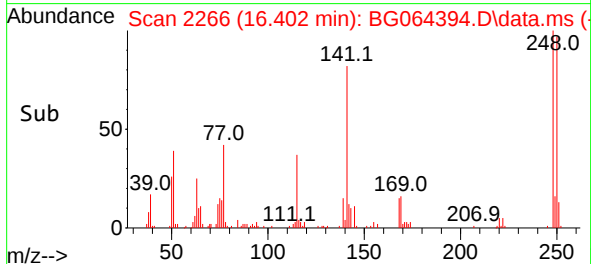
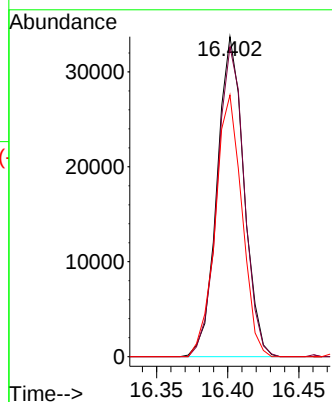
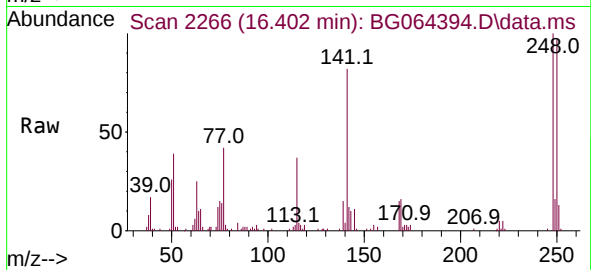




#68
 4-Bromophenyl-phenylether
 Concen: 21.486 ng/ul
 RT: 16.402 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG064394.D
 Acq: 16 Sep 2025 21:31

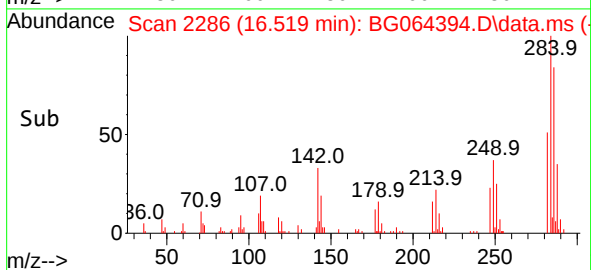
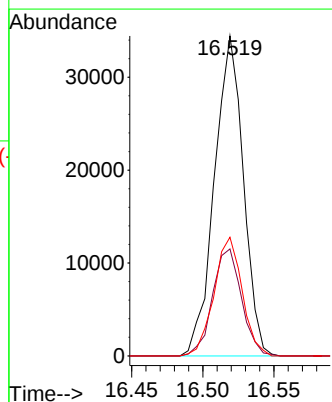
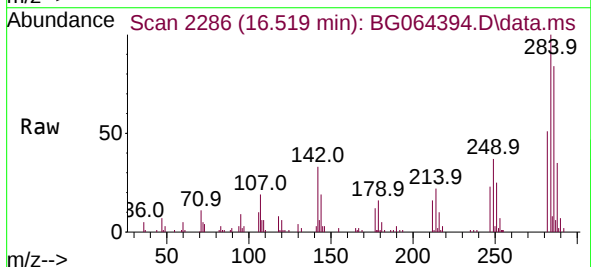
Instrument :
 BNA_G
 ClientSampleId :

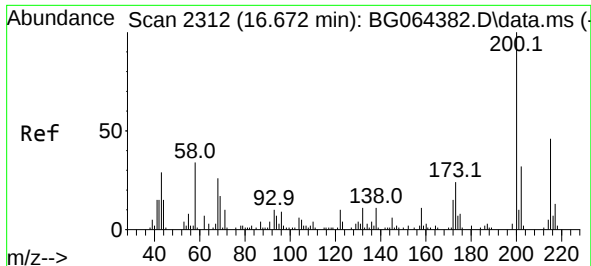
Tgt Ion:248 Resp: 44258
 Ion Ratio Lower Upper
 248 100
 250 96.8 69.9 104.9
 141 81.7 60.7 91.1



#69
 Hexachlorobenzene
 Concen: 21.034 ng/ul
 RT: 16.519 min Scan# 2286
 Delta R.T. -0.002 min
 Lab File: BG064394.D
 Acq: 16 Sep 2025 21:31

Tgt Ion:284 Resp: 48835
 Ion Ratio Lower Upper
 284 100
 142 33.4 28.5 42.7
 249 37.1 26.0 39.0

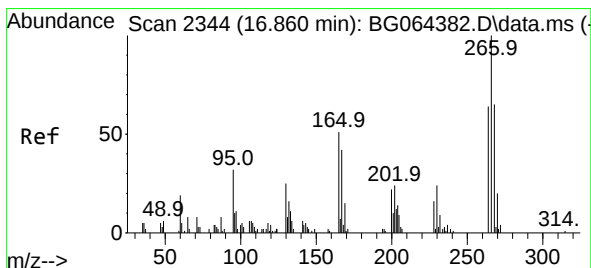
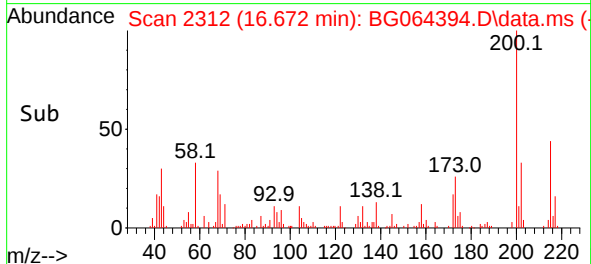
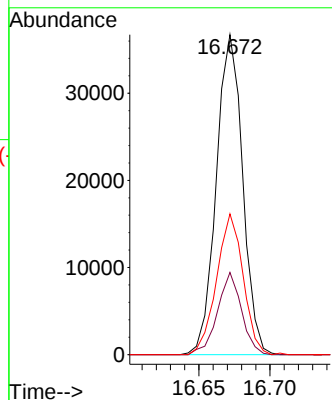
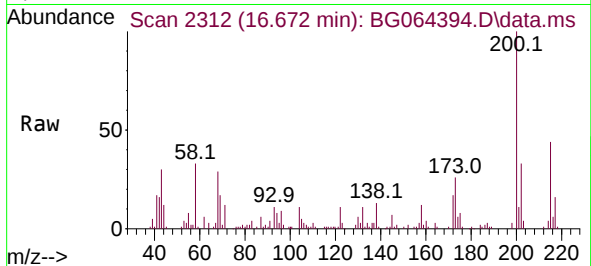




#70
Atrazine
Concen: 20.076 ng/ul
RT: 16.672 min Scan# 2312
Delta R.T. -0.002 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

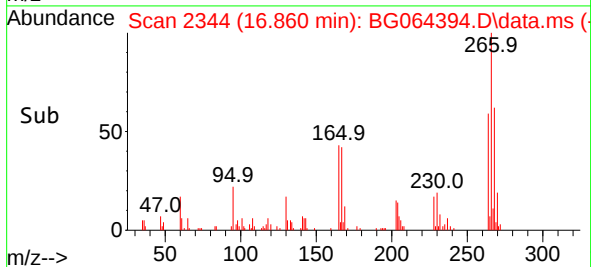
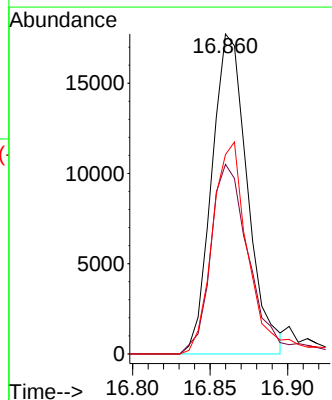
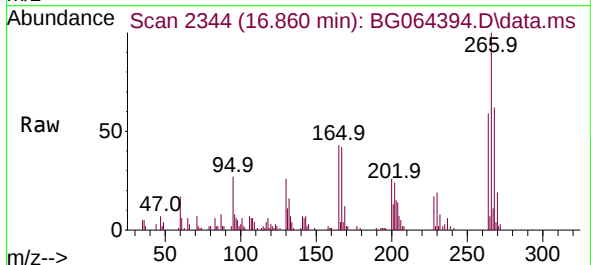
Instrument :
BNA_G
ClientSampleId :

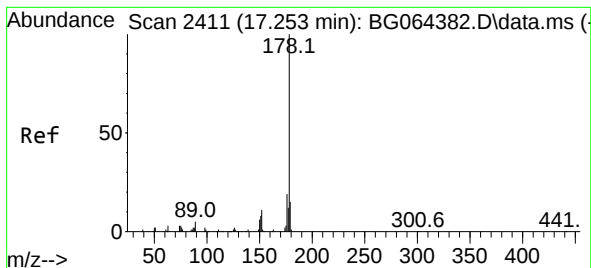
Tgt Ion:200	Resp:	47435
Ion Ratio	Lower	Upper
200	100	
173	25.7	19.3 28.9
215	44.0	38.6 57.8



#71
Pentachlorophenol
Concen: 19.129 ng/ul
RT: 16.860 min Scan# 2344
Delta R.T. -0.008 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

Tgt Ion:266	Resp:	28471
Ion Ratio	Lower	Upper
266	100	
264	59.2	51.8 77.6
268	62.3	51.4 77.2





#72

Phenanthrene

Concen: 21.136 ng/ul

RT: 17.248 min Scan# 2411

Delta R.T. -0.008 min

Lab File: BG064394.D

Acq: 16 Sep 2025 21:31

Instrument :

BNA_G

ClientSampleId :

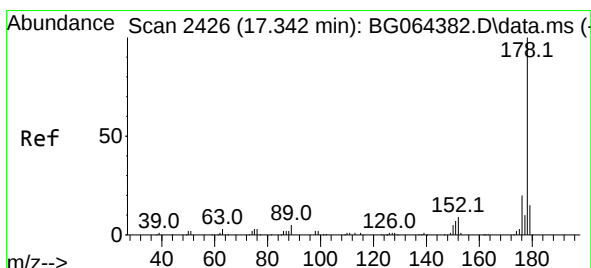
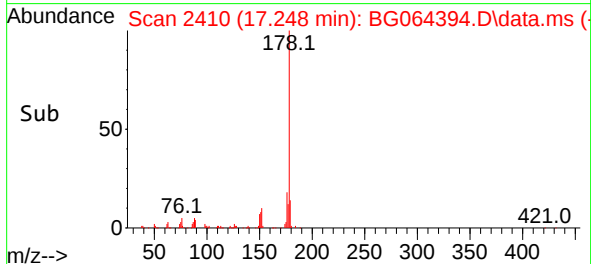
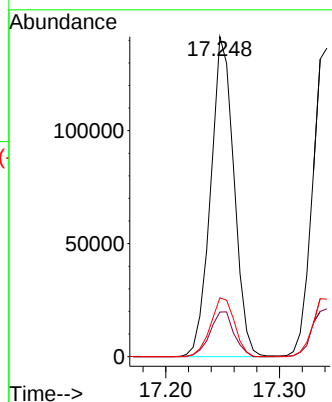
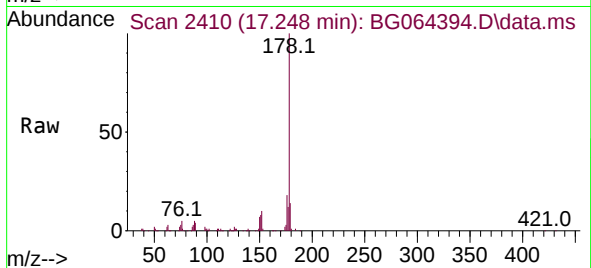
Tgt Ion:178 Resp: 201681

Ion Ratio Lower Upper

178 100

179 13.9 12.0 18.0

176 18.4 15.6 23.4



#74

Anthracene

Concen: 21.099 ng/ul

RT: 17.342 min Scan# 2426

Delta R.T. -0.002 min

Lab File: BG064394.D

Acq: 16 Sep 2025 21:31

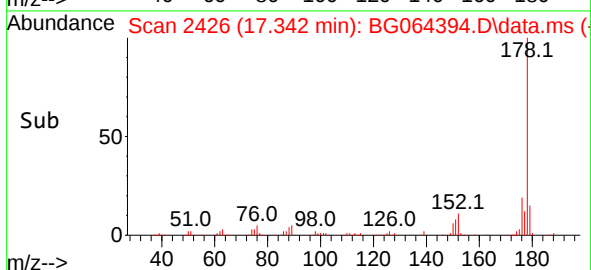
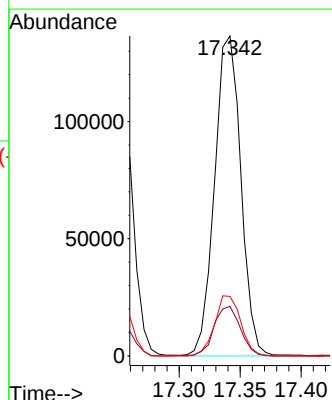
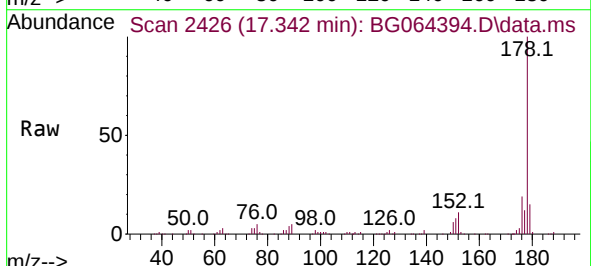
Tgt Ion:178 Resp: 204931

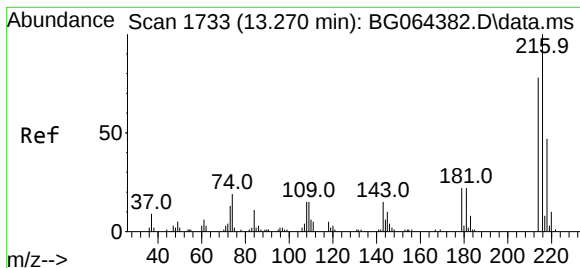
Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

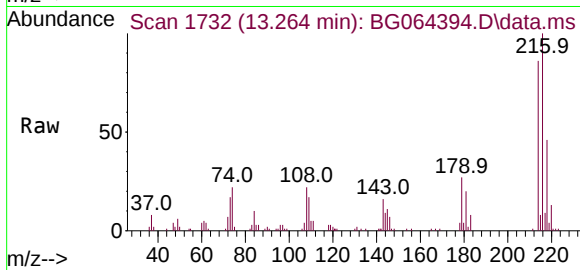
176 18.6 14.0 21.0



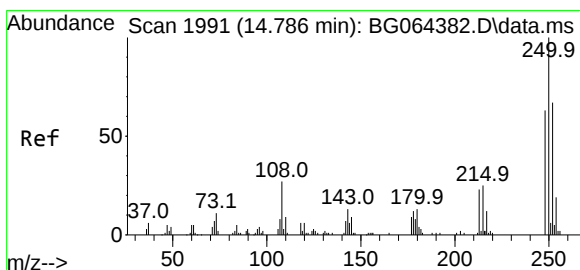
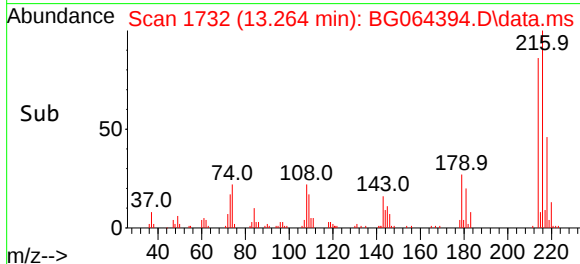
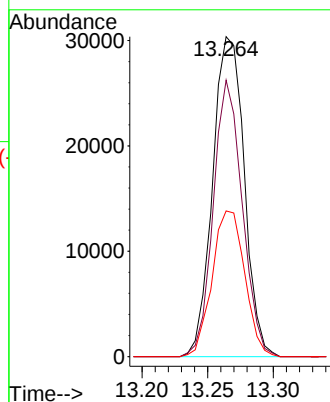


#75
1,2,3,4-Tetrachlorobenzene
Concen: 21.404 ng/ul
RT: 13.264 min Scan# 1732
Delta R.T. -0.008 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

Instrument :
BNA_G
ClientSampleId :

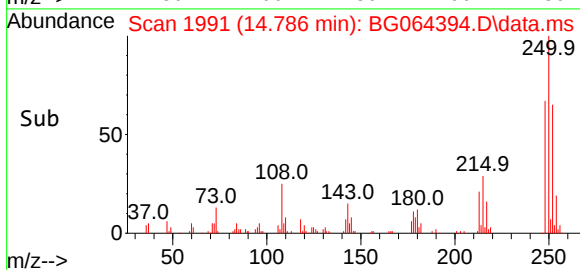
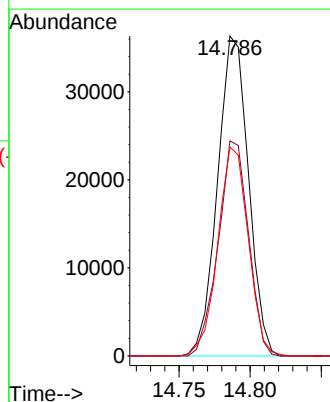
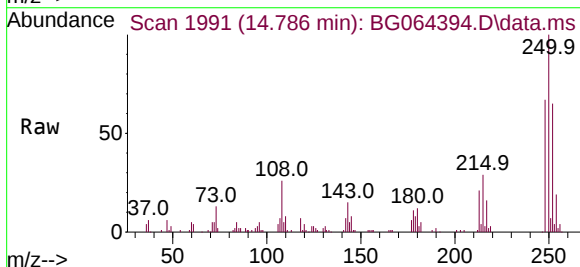


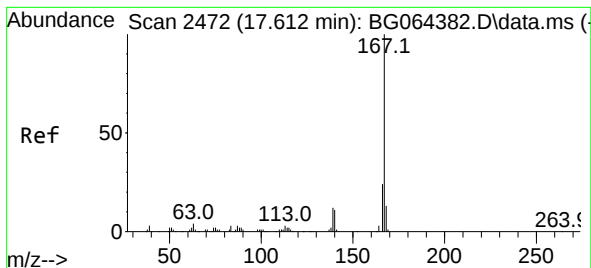
Tgt Ion:216 Resp: 50918
Ion Ratio Lower Upper
216 100
214 86.4 62.6 94.0
218 45.5 38.2 57.4



#76
Pentachlorobenzene
Concen: 21.114 ng/ul
RT: 14.786 min Scan# 1991
Delta R.T. -0.008 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

Tgt Ion:250 Resp: 54947
Ion Ratio Lower Upper
250 100
248 67.2 52.4 78.6
252 65.3 49.8 74.8





#77

Carbazole

Concen: 21.153 ng/ul

RT: 17.606 min Scan# 2471

Delta R.T. -0.008 min

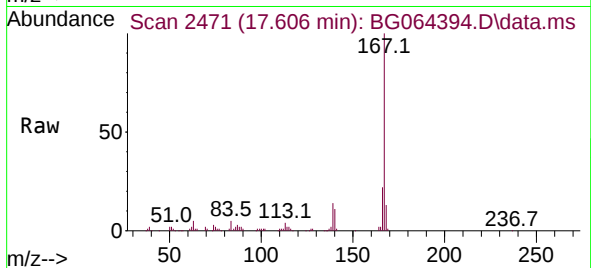
Lab File: BG064394.D

Acq: 16 Sep 2025 21:31

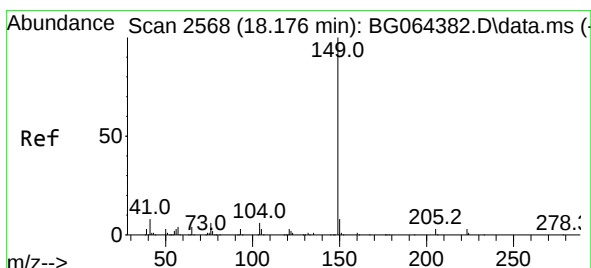
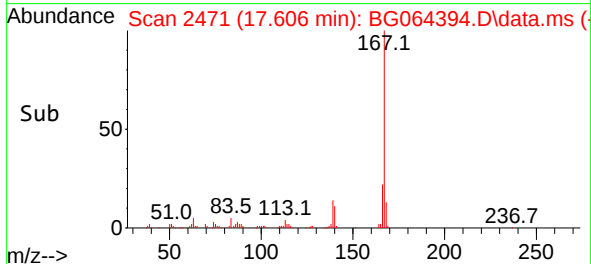
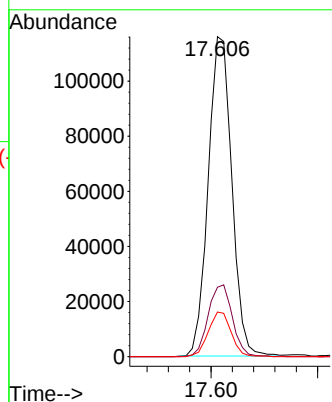
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:167	Resp: 178401
Ion Ratio	Lower Upper
167 100	
166 21.7	17.8 26.8
139 13.9	11.4 17.0



#78

Di-n-butylphthalate

Concen: 20.620 ng/ul

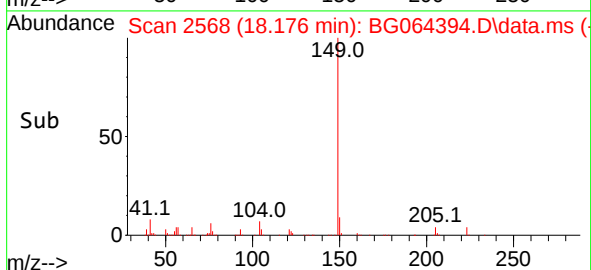
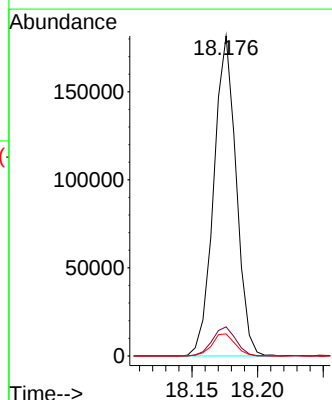
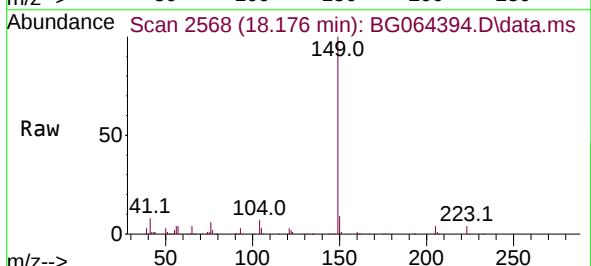
RT: 18.176 min Scan# 2568

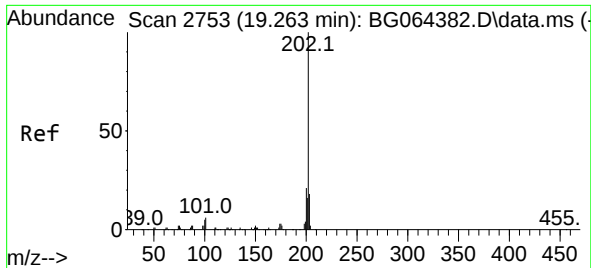
Delta R.T. -0.002 min

Lab File: BG064394.D

Acq: 16 Sep 2025 21:31

Tgt Ion:149	Resp: 215898
Ion Ratio	Lower Upper
149 100	
150 9.1	7.4 11.0
104 6.9	5.6 8.4

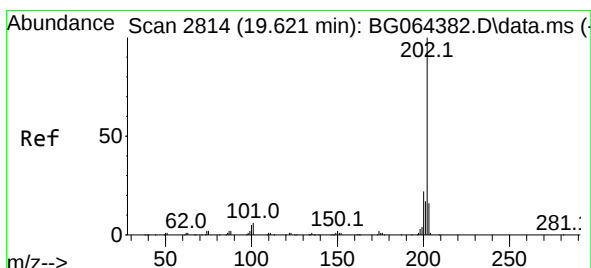
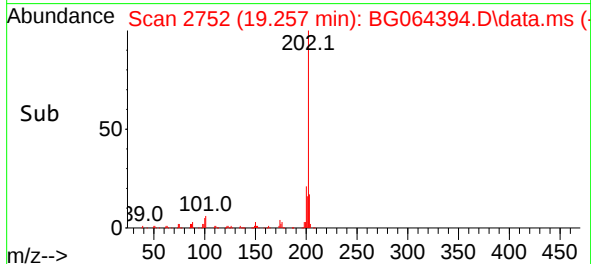
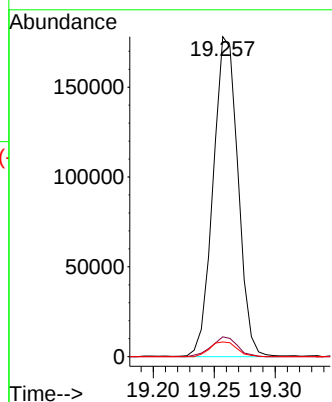
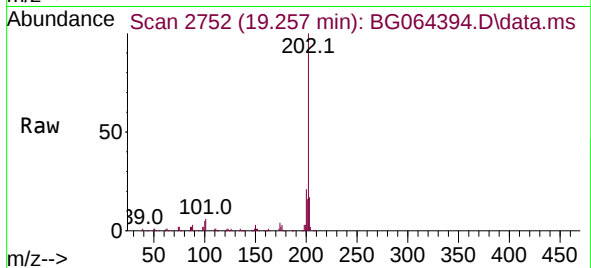




#80
Fluoranthene
Concen: 19.418 ng/ul
RT: 19.257 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

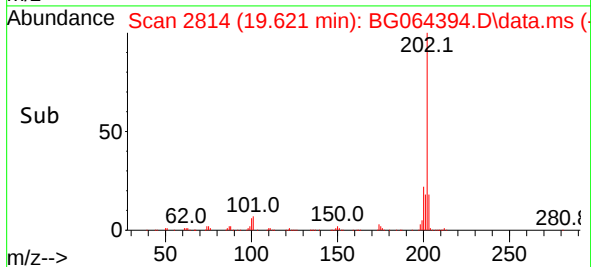
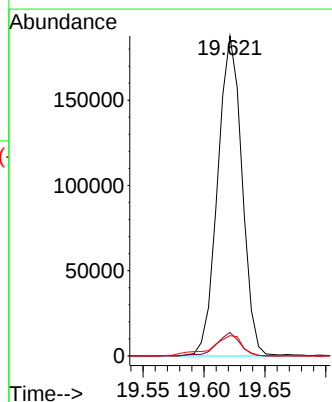
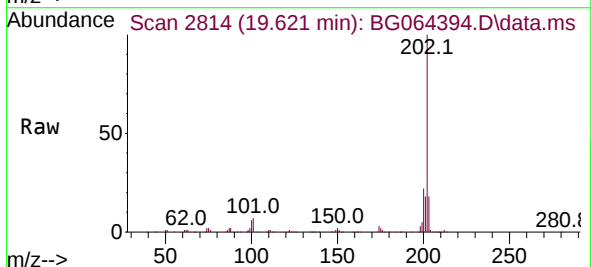
Instrument :
BNA_G
ClientSampleId :

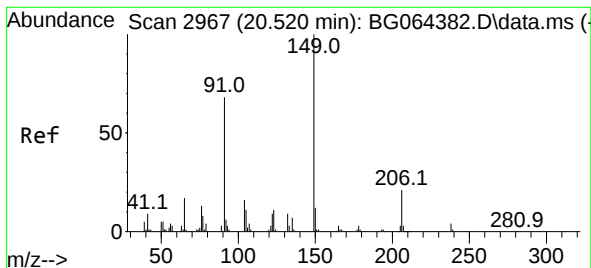
Tgt Ion:202 Resp: 252380
Ion Ratio Lower Upper
202 100
101 6.2 4.6 6.8
100 4.6 4.5 6.7



#82
Pyrene
Concen: 19.449 ng/ul
RT: 19.621 min Scan# 2814
Delta R.T. -0.002 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

Tgt Ion:202 Resp: 260361
Ion Ratio Lower Upper
202 100
101 7.3 5.0 7.6
100 6.3 4.9 7.3





#83

Butylbenzylphthalate

Concen: 19.435 ng/ul

RT: 20.514 min Scan# 2966

Delta R.T. -0.008 min

Lab File: BG064394.D

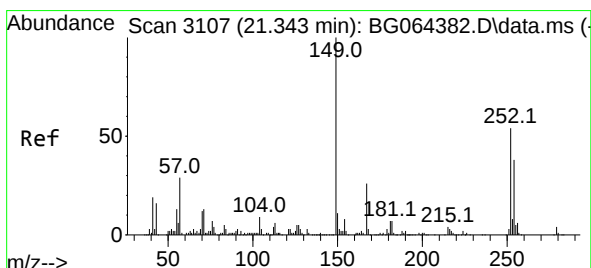
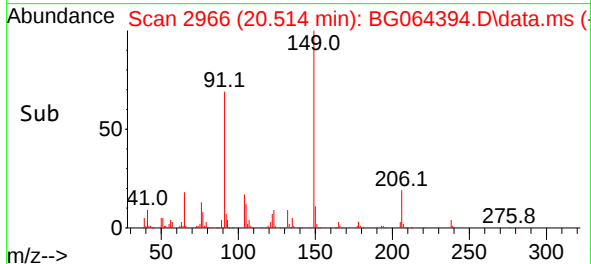
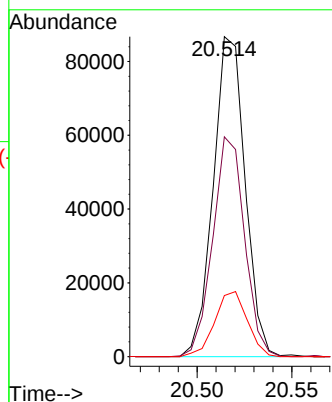
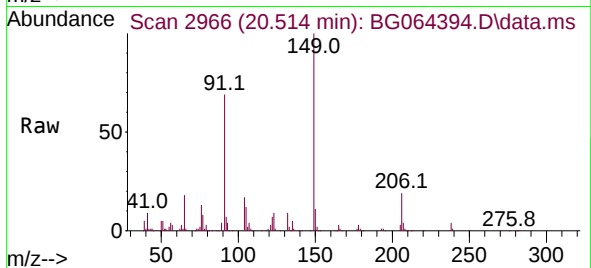
Acq: 16 Sep 2025 21:31

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:149	Resp: 101729
Ion Ratio	Lower Upper
149	100
91	68.7 54.9 82.3
206	19.1 14.8 22.2



#84

3,3'-Dichlorobenzidine

Concen: 22.459 ng/ul

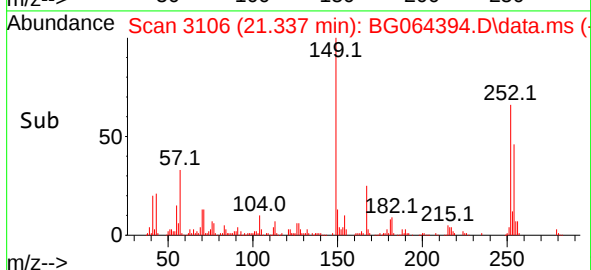
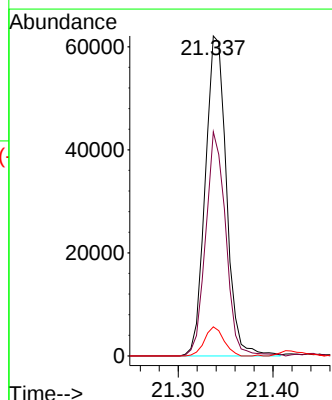
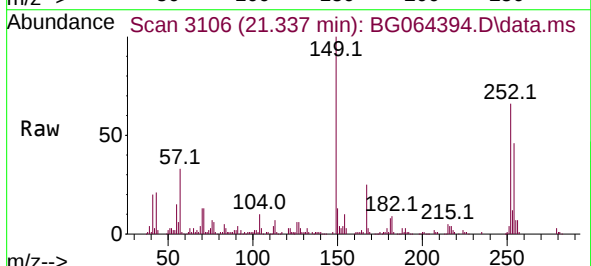
RT: 21.337 min Scan# 3106

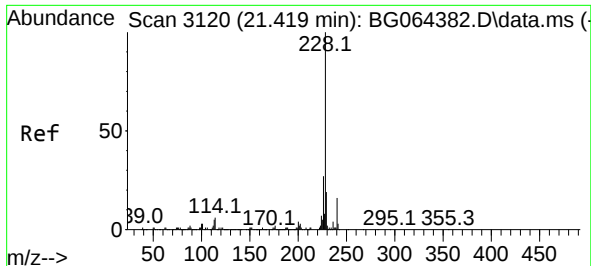
Delta R.T. -0.008 min

Lab File: BG064394.D

Acq: 16 Sep 2025 21:31

Tgt Ion:252	Resp: 96226
Ion Ratio	Lower Upper
252	100
254	70.0 49.8 74.6
126	9.1 6.5 9.7

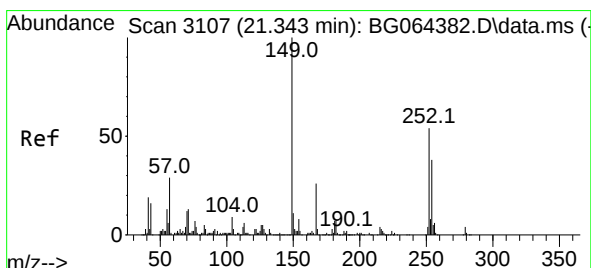
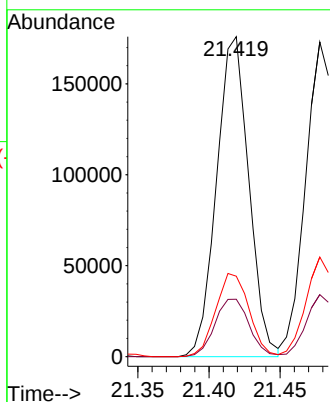
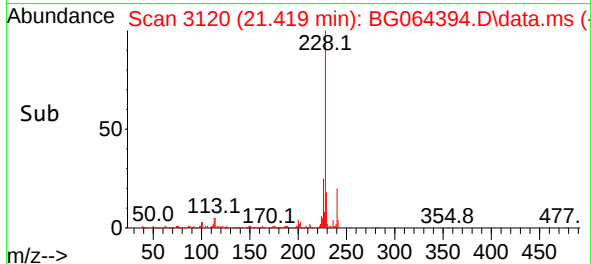
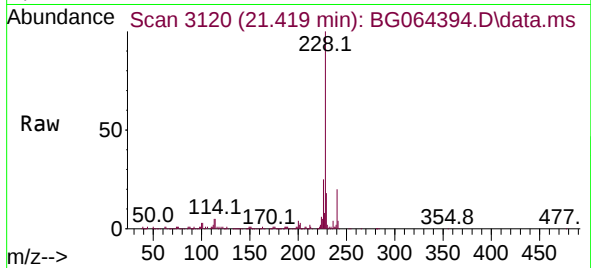




#85
Benzo(a)anthracene
Concen: 20.299 ng/ul
RT: 21.419 min Scan# 3120
Delta R.T. -0.002 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

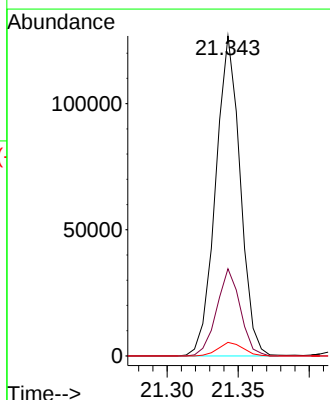
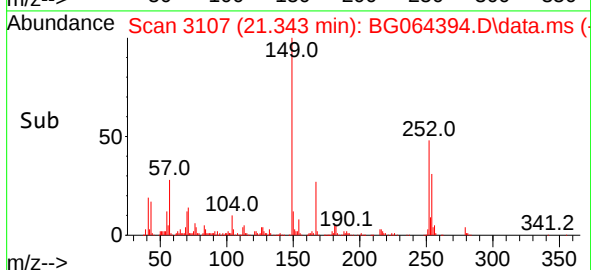
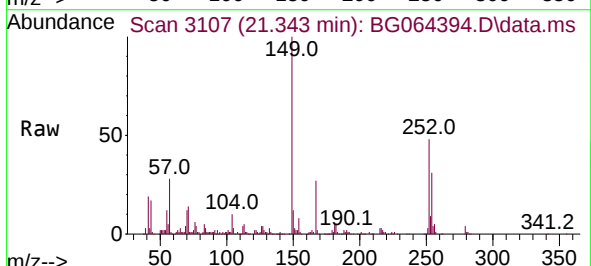
Instrument :
BNA_G
ClientSampleId :

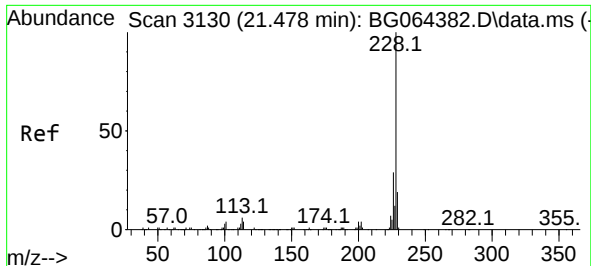
Tgt Ion:228 Resp: 277711
Ion Ratio Lower Upper
228 100
229 17.9 16.7 25.1
226 25.1 22.4 33.6



#86
Bis(2-ethylhexyl)phthalate
Concen: 20.316 ng/ul
RT: 21.343 min Scan# 3107
Delta R.T. -0.002 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

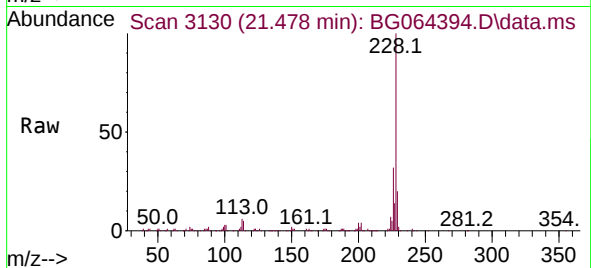
Tgt Ion:149 Resp: 152556
Ion Ratio Lower Upper
149 100
167 27.2 20.2 30.4
279 4.2 2.7 4.1#



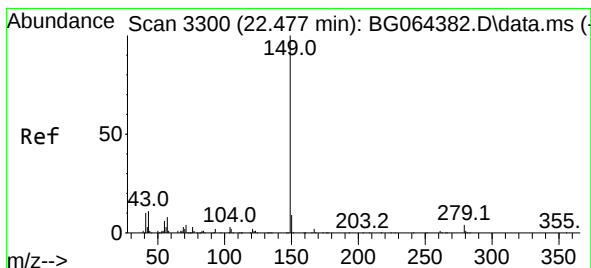
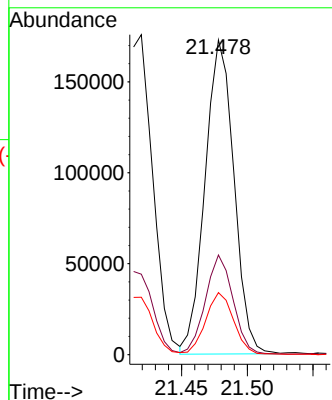
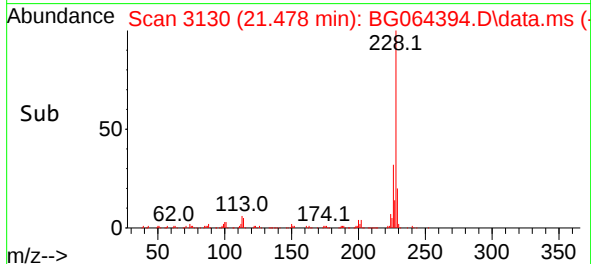


#87
Chrysene
Concen: 20.555 ng/ul
RT: 21.478 min Scan# 3130
Delta R.T. -0.008 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

Instrument :
BNA_G
ClientSampleId :

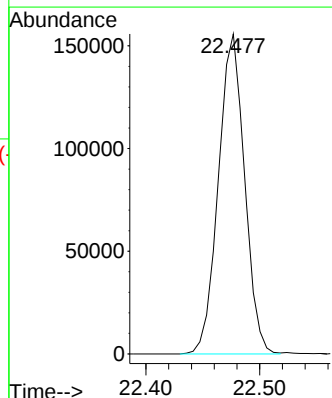
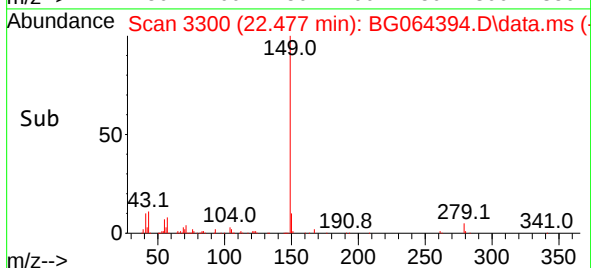
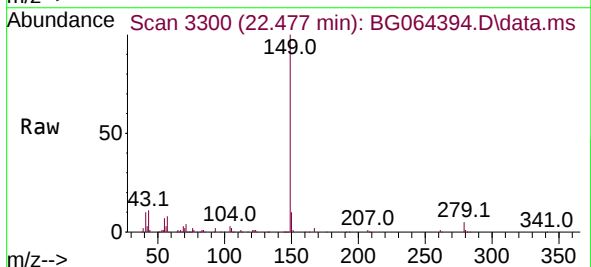


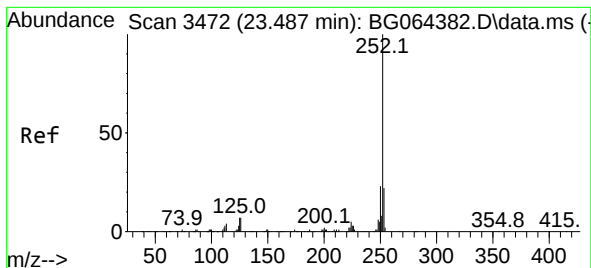
Tgt Ion:228 Resp: 264653
Ion Ratio Lower Upper
228 100
226 31.6 23.5 35.3
229 19.7 16.3 24.5



#89
Di-n-octyl phthalate
Concen: 19.835 ng/ul
RT: 22.477 min Scan# 3300
Delta R.T. -0.008 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

Tgt Ion:149 Resp: 249034





#90

Benzo(b)fluoranthene

Concen: 20.757 ng/ul

RT: 23.546 min Scan# 3472

Delta R.T. 0.051 min

Lab File: BG064394.D

Acq: 16 Sep 2025 21:31

Instrument :

BNA_G

ClientSampleId :

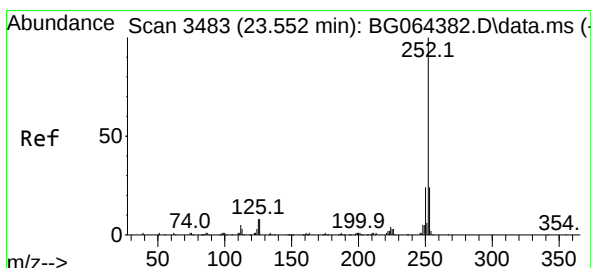
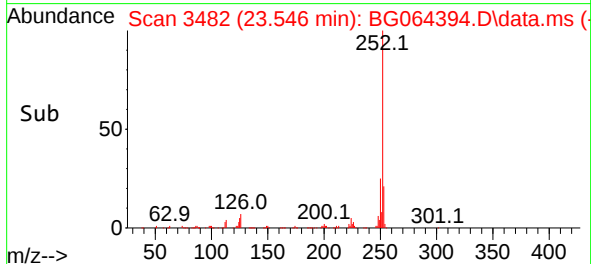
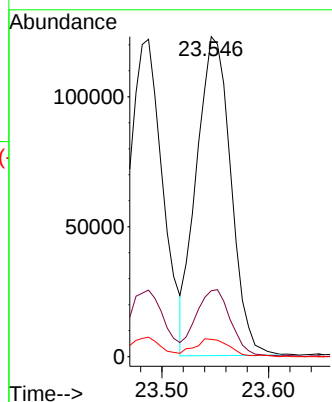
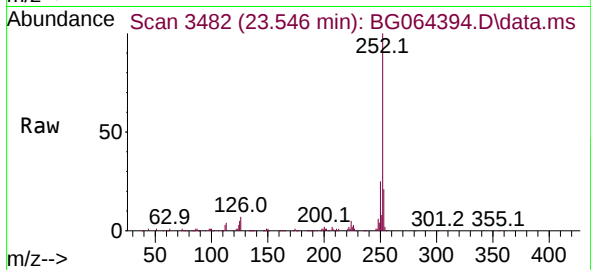
Tgt Ion:252 Resp: 275323

Ion Ratio Lower Upper

252 100

253 20.6 16.7 25.1

125 5.4 3.7 5.5



#91

Benzo(k)fluoranthene

Concen: 20.862 ng/ul

RT: 23.546 min Scan# 3482

Delta R.T. -0.008 min

Lab File: BG064394.D

Acq: 16 Sep 2025 21:31

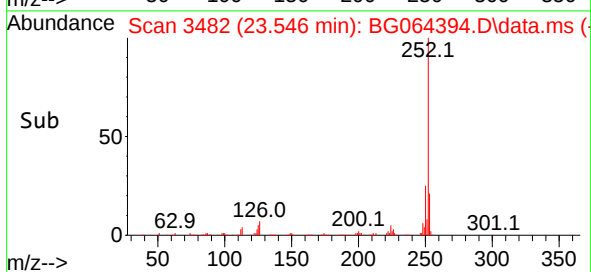
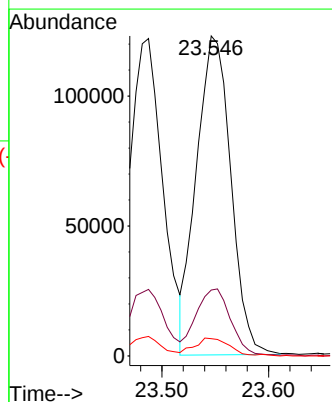
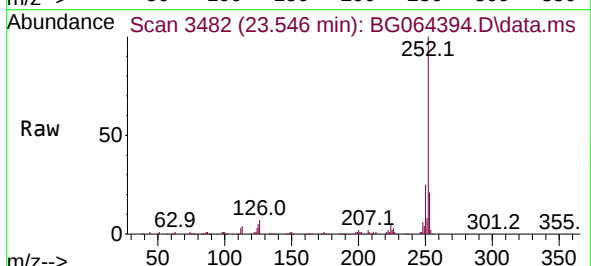
Tgt Ion:252 Resp: 275323

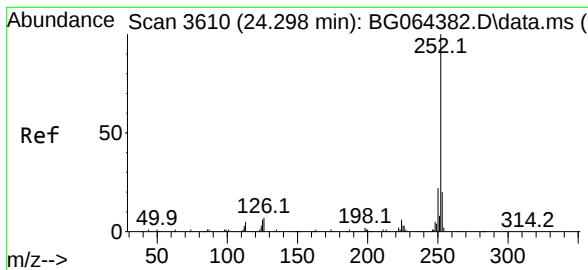
Ion Ratio Lower Upper

252 100

253 20.6 16.2 24.2

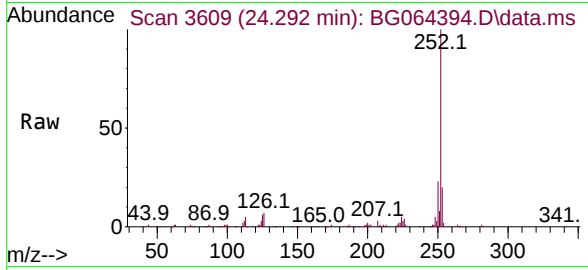
125 5.4 4.6 7.0



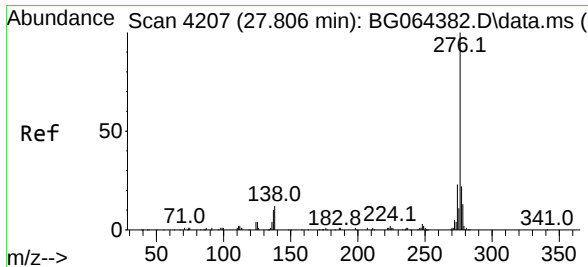
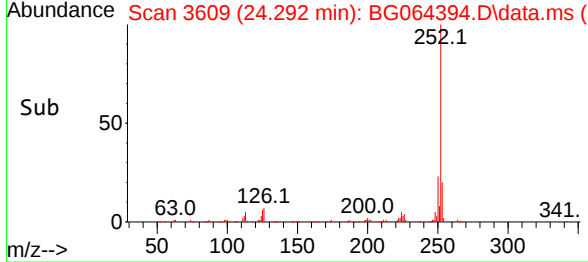
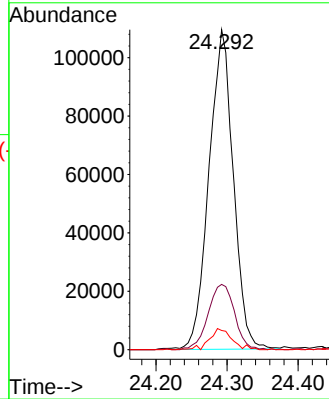


#93
Benzo(a)pyrene
Concen: 21.126 ng/ul
RT: 24.292 min Scan# 3609
Delta R.T. -0.014 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

Instrument :
BNA_G
ClientSampleId :

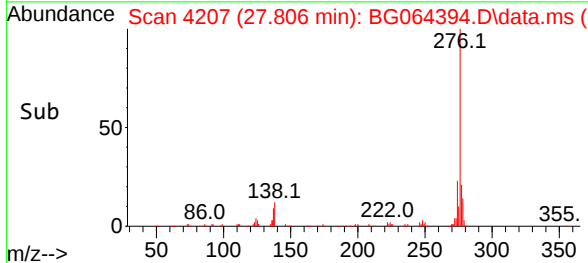
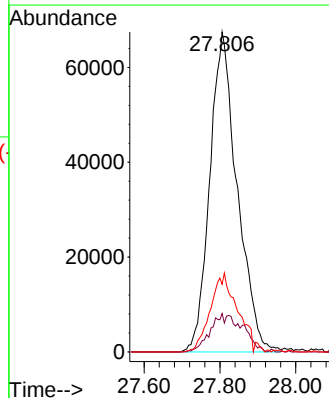
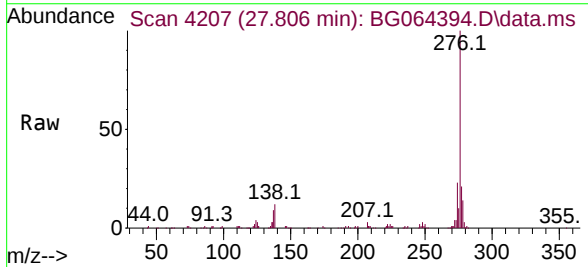


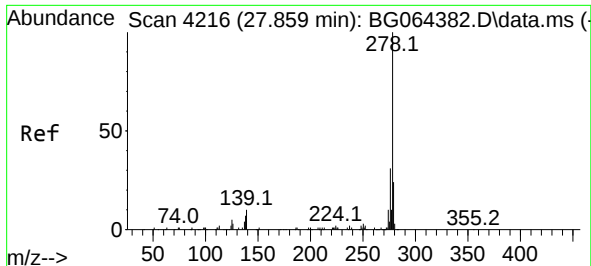
Tgt Ion:252 Resp: 260296
Ion Ratio Lower Upper
252 100
253 20.4 16.4 24.6
125 6.0 5.1 7.7



#94
Indeno(1,2,3-cd)pyrene
Concen: 21.239 ng/ul
RT: 27.806 min Scan# 4207
Delta R.T. -0.008 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

Tgt Ion:276 Resp: 338330
Ion Ratio Lower Upper
276 100
138 12.0 9.0 13.4
277 21.1 19.6 29.4

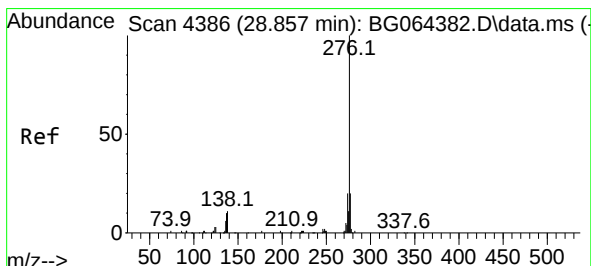
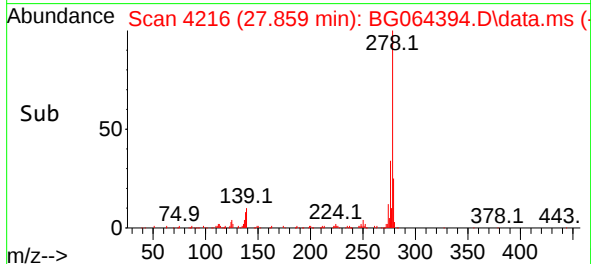
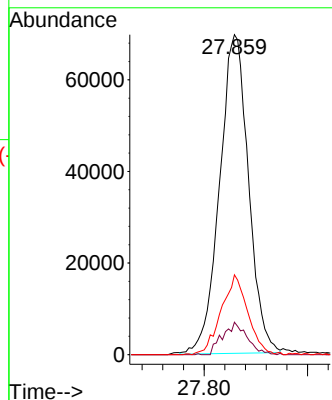
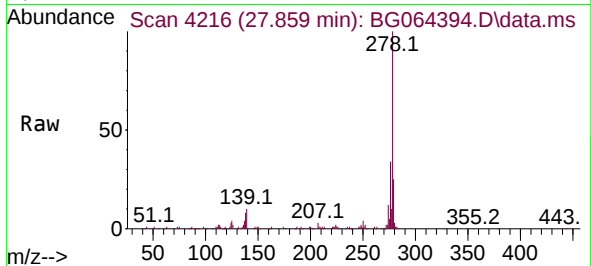




#95
Dibenzo(a,h)anthracene
Concen: 21.125 ng/ul
RT: 27.859 min Scan# 4216
Delta R.T. -0.014 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 271143
Ion Ratio Lower Upper
278 100
139 10.1 7.8 11.8
279 24.9 16.6 24.8#



#96
Benzo(g,h,i)perylene
Concen: 20.719 ng/ul
RT: 28.858 min Scan# 4386
Delta R.T. -0.014 min
Lab File: BG064394.D
Acq: 16 Sep 2025 21:31

Tgt Ion:276 Resp: 269443
Ion Ratio Lower Upper
276 100
138 12.0 11.8 17.6
277 25.8 17.8 26.8

