

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
 Data File : BM049865.D
 Acq On : 09 Apr 2025 13:08
 Operator : RC/JU
 Sample : Q1744-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-158-SB01MS

Quant Time: Apr 10 01:41:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 09 04:00:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	298114	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1050152	20.000	ng	0.00
39) Acenaphthene-d10	14.421	164	691142	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	1385053	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1462184	20.000	ng	0.00
86) Perylene-d12	24.391	264	1514539	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2155451	122.776	ng	0.00
7) Phenol-d6	6.951	99	2724158	124.716	ng	0.00
23) Nitrobenzene-d5	8.934	82	1562799	82.869	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1354417	134.729	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	4162286	81.663	ng	0.00
79) Terphenyl-d14	19.786	244	6978001	89.436	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	309728	42.838	ng	99
3) Pyridine	3.657	79	835012	43.957	ng	99
4) n-Nitrosodimethylamine	3.563	42	327410	45.290	ng	97
6) Aniline	7.104	93	421157	22.502	ng	99
8) 2-Chlorophenol	7.345	128	863377	47.988	ng	99
9) Benzaldehyde	6.916	77	478135	42.656	ng	98
10) Phenol	6.975	94	1072705	50.325	ng	99
11) bis(2-Chloroethyl)ether	7.198	93	779707	46.646	ng	98
12) 1,3-Dichlorobenzene	7.663	146	989476	46.518	ng	98
13) 1,4-Dichlorobenzene	7.810	146	994756	46.478	ng	100
14) 1,2-Dichlorobenzene	8.128	146	951142	47.181	ng	99
15) Benzyl Alcohol	8.016	79	687559	49.988	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.304	45	912146	48.959	ng	99
17) 2-Methylphenol	8.222	107	671680	51.134	ng	98
18) Hexachloroethane	8.857	117	347778	46.705	ng	99
19) n-Nitroso-di-n-propyla...	8.581	70	585438	48.392	ng	99
20) 3+4-Methylphenols	8.551	107	921924	51.480	ng	99
22) Acetophenone	8.598	105	1181375	46.289	ng	# 99
24) Nitrobenzene	8.975	77	842536	46.397	ng	98
25) Isophorone	9.504	82	1587310	50.244	ng	99
26) 2-Nitrophenol	9.686	139	447885	46.535	ng	99
27) 2,4-Dimethylphenol	9.751	122	756789	69.382	ng	99
28) bis(2-Chloroethoxy)met...	9.981	93	998019	47.187	ng	99
29) 2,4-Dichlorophenol	10.222	162	867930	47.870	ng	98
30) 1,2,4-Trichlorobenzene	10.434	180	953445	45.456	ng	99
31) Naphthalene	10.622	128	2418053	44.811	ng	99
32) Benzoic acid	9.886	122	566179	42.966	ng	98
33) 4-Chloroaniline	10.728	127	212114	11.132	ng	99
34) Hexachlorobutadiene	10.910	225	592511	45.668	ng	99
35) Caprolactam	11.510	113	244776	47.070	ng	95
36) 4-Chloro-3-methylphenol	11.863	107	780324	49.133	ng	99
37) 2-Methylnaphthalene	12.233	142	1605733	42.235	ng	100
38) 1-Methylnaphthalene	12.457	142	1688879	45.597	ng	100
40) 1,2,4,5-Tetrachloroben...	12.610	216	1105688	45.728	ng	99
41) Hexachlorocyclopentadiene	12.592	237	1498293	176.840	ng	100
43) 2,4,6-Trichlorophenol	12.851	196	737476	47.931	ng	99

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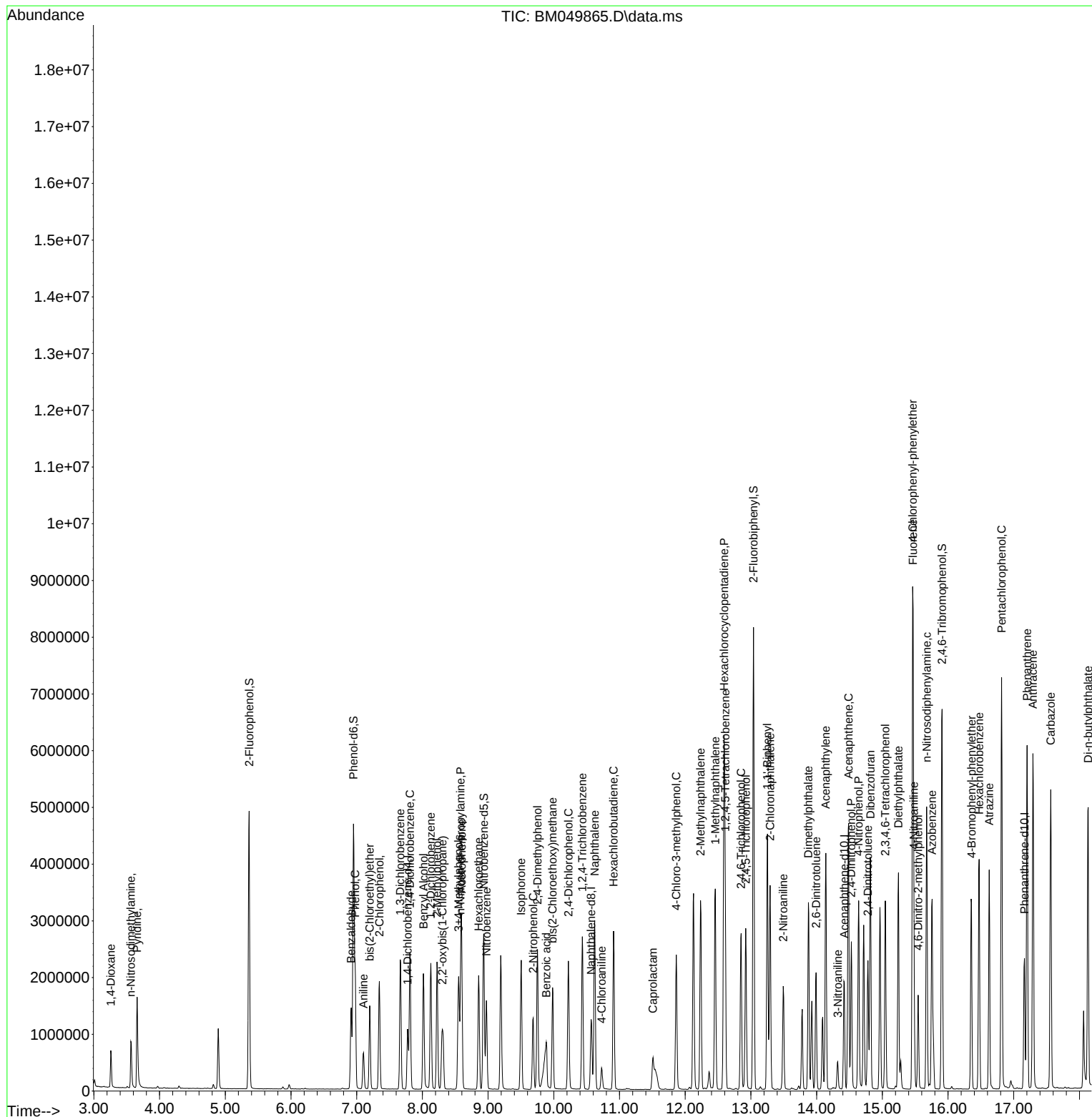
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	799432	47.812	ng	99
46) 1,1'-Biphenyl	13.251	154	2353870	45.815	ng	100
47) 2-Chloronaphthalene	13.292	162	1863914	46.157	ng	99
48) 2-Nitroaniline	13.492	65	458167	49.043	ng	98
49) Acenaphthylene	14.139	152	2960303	50.326	ng	99
50) Dimethylphthalate	13.874	163	2262384	46.399	ng	99
51) 2,6-Dinitrotoluene	13.992	165	490899	48.053	ng	98
52) Acenaphthene	14.486	154	1735053	46.372	ng	99
53) 3-Nitroaniline	14.321	138	132704	13.440	ng	100
54) 2,4-Dinitrophenol	14.527	184	621378	83.632	ng	98
55) Dibenzofuran	14.821	168	2807021	44.878	ng	98
56) 4-Nitrophenol	14.639	139	930802	105.790	ng	100
57) 2,4-Dinitrotoluene	14.780	165	697374	51.170	ng	97
58) Fluorene	15.468	166	2361809	47.504	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	689387	47.041	ng	99
60) Diethylphthalate	15.245	149	2130155	45.556	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	1275390	47.847	ng	99
62) 4-Nitroaniline	15.480	138	451987	44.266	ng	99
63) Azobenzene	15.757	77	2042909	51.031	ng	98
65) 4,6-Dinitro-2-methylph...	15.545	198	401583	46.011	ng	99
66) n-Nitrosodiphenylamine	15.674	169	1992233	48.064	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	755272	46.973	ng	96
68) Hexachlorobenzene	16.474	284	874487	47.416	ng	98
69) Atrazine	16.627	200	726702	67.619	ng	97
70) Pentachlorophenol	16.815	266	1316399	96.951	ng	99
71) Phenanthrene	17.204	178	3664770	48.263	ng	100
72) Anthracene	17.292	178	3737841	49.950	ng	100
73) Carbazole	17.562	167	3424599	48.588	ng	100
74) Di-n-butylphthalate	18.133	149	3797075	46.773	ng	99
75) Fluoranthene	19.221	202	4521849	48.432	ng	98
77) Benzidine	19.404	184	1817127	93.676	ng	100
78) Pyrene	19.580	202	4732548	46.963	ng	99
80) Butylbenzylphthalate	20.480	149	1682886	44.444	ng	99
81) Benzo(a)anthracene	21.380	228	4823789	49.640	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	545235	14.857	ng	100
83) Chrysene	21.445	228	4624441	50.056	ng	99
84) Bis(2-ethylhexyl)phtha...	21.309	149	2462859	44.643	ng	99
85) Di-n-octyl phthalate	22.439	149	4144598	42.944	ng	100
87) Indeno(1,2,3-cd)pyrene	27.779	276	5555016	49.205	ng	99
88) Benzo(b)fluoranthene	23.450	252	4850380	50.145	ng	99
89) Benzo(k)fluoranthene	23.515	252	4897679	52.250	ng	100
90) Benzo(a)pyrene	24.256	252	4441609	52.256	ng	99
91) Dibenzo(a,h)anthracene	27.832	278	4529739	48.712	ng	100
92) Benzo(g,h,i)perylene	28.832	276	4410499	46.414	ng	99

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

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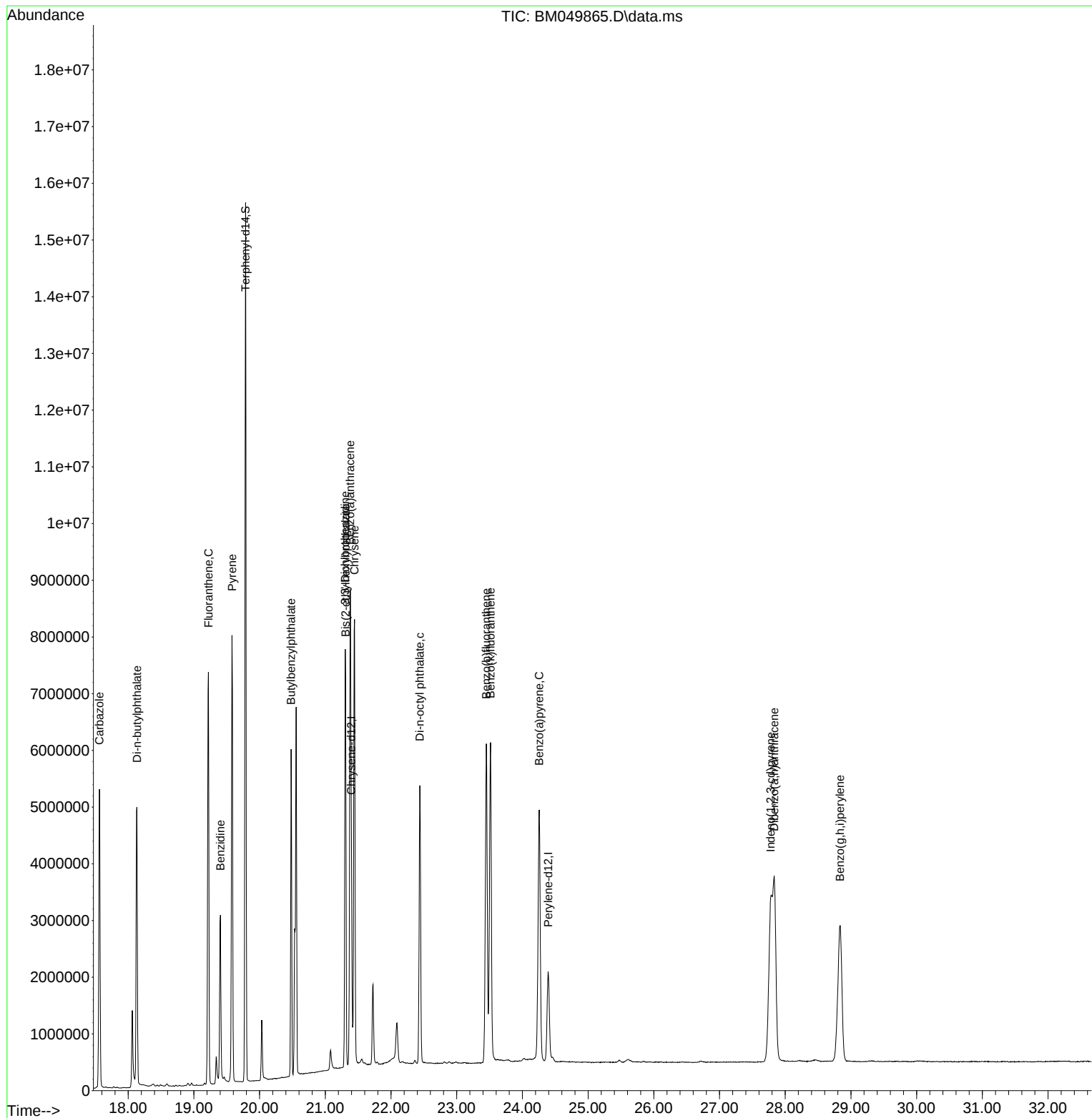
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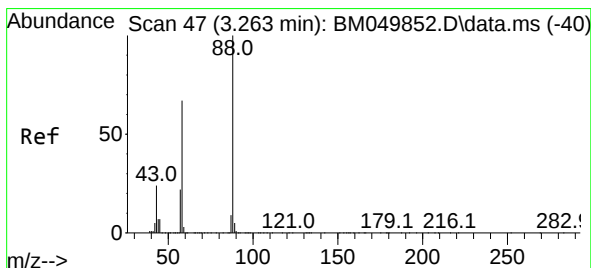
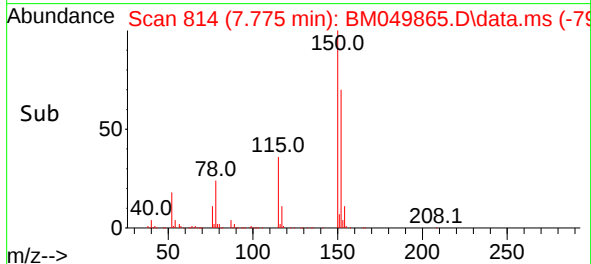
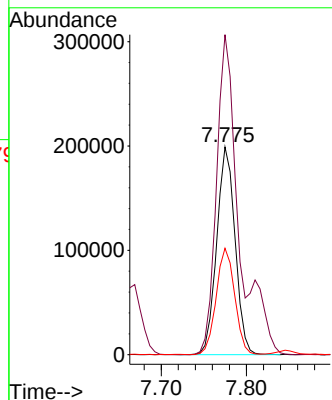
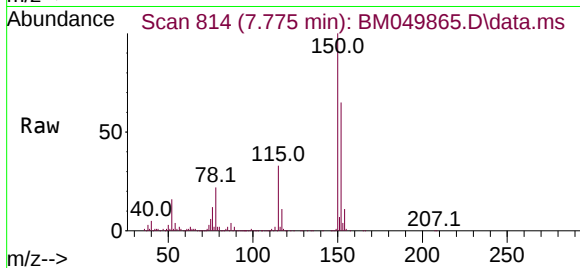




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM049865.D
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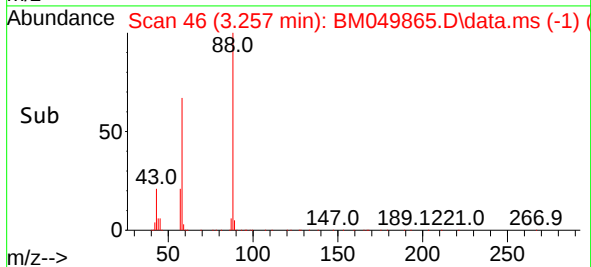
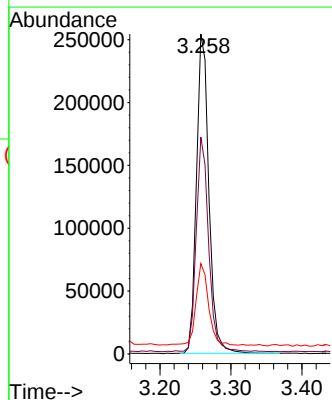
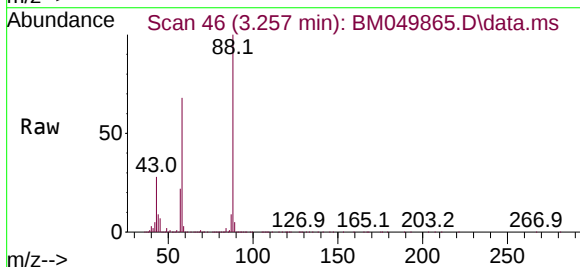
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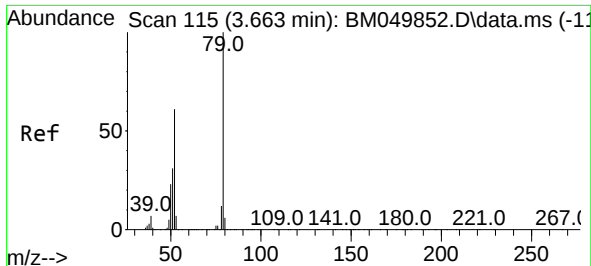
Tgt Ion:152 Resp: 298114
Ion Ratio Lower Upper
152 100
150 154.1 124.3 186.5
115 51.2 41.1 61.7



#2
1,4-Dioxane
Concen: 42.838 ng
RT: 3.257 min Scan# 46
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion: 88 Resp: 309728
Ion Ratio Lower Upper
88 100
58 67.2 54.1 81.1
43 25.6 20.2 30.4

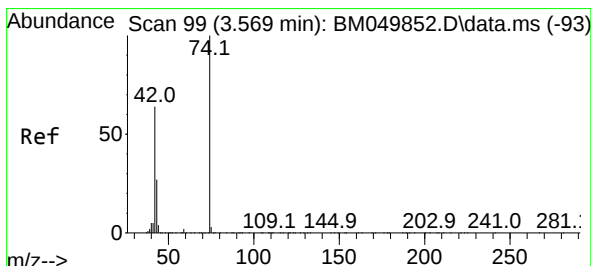
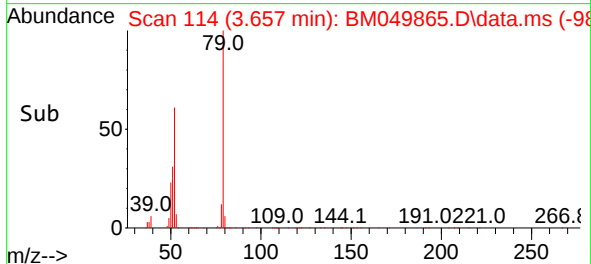
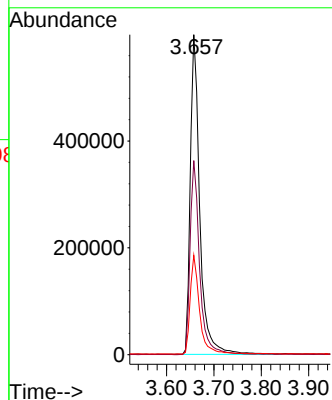
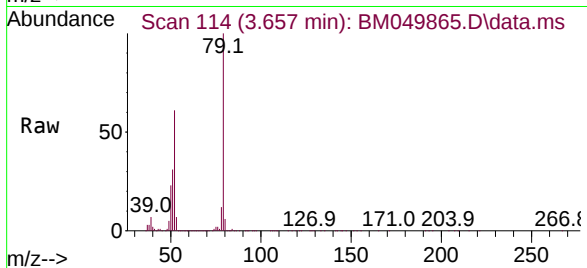




#3
Pyridine
Concen: 43.957 ng
RT: 3.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

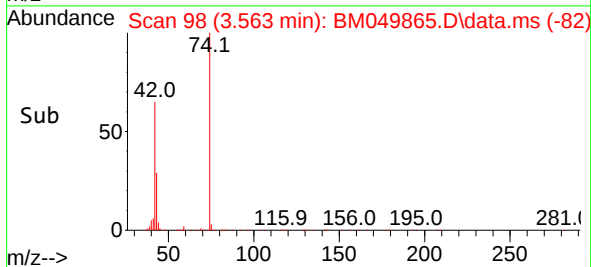
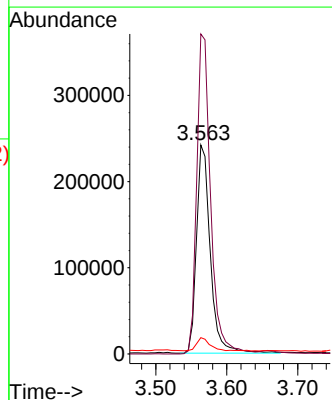
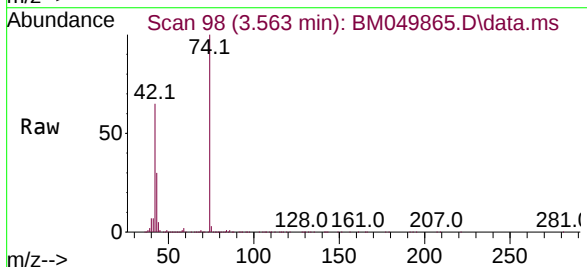
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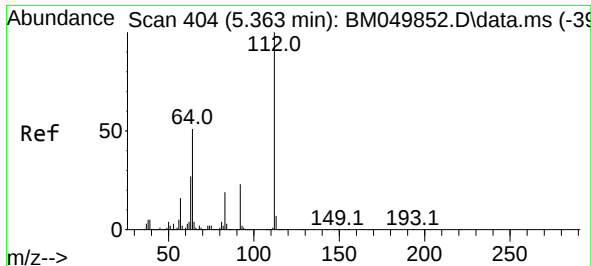
Tgt Ion: 79 Resp: 835012
Ion Ratio Lower Upper
79 100
52 60.7 48.9 73.3
51 31.0 25.0 37.6



#4
n-Nitrosodimethylamine
Concen: 45.290 ng
RT: 3.563 min Scan# 98
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion: 42 Resp: 327410
Ion Ratio Lower Upper
42 100
74 153.2 125.4 188.2
44 7.8 5.9 8.9

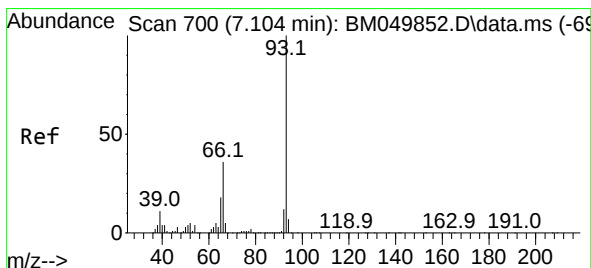
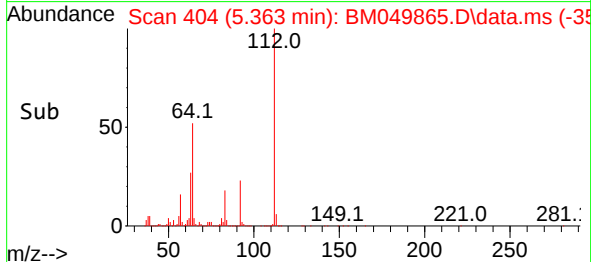
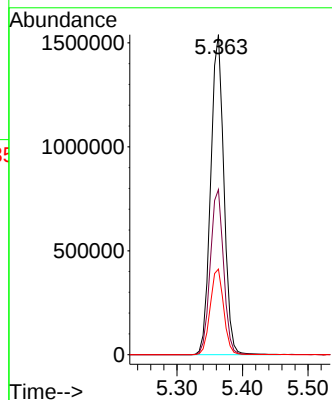
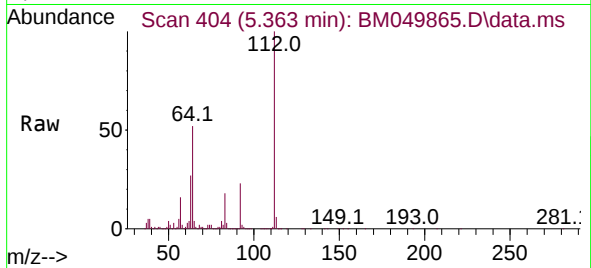




#5
2-Fluorophenol
Concen: 122.776 ng
RT: 5.363 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM049865.D
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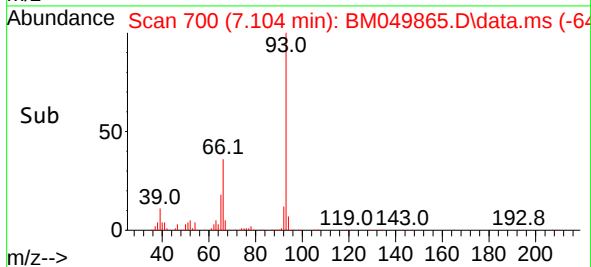
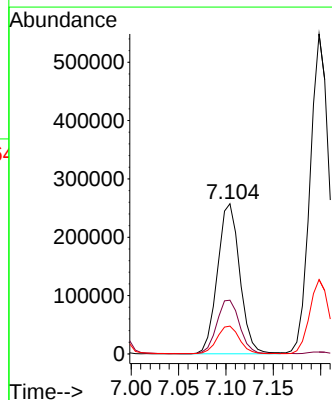
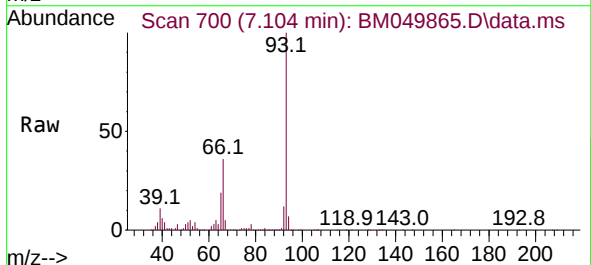
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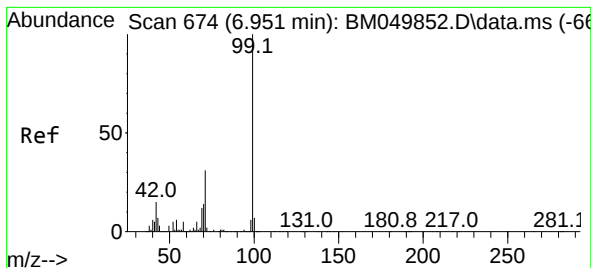
Tgt Ion:112 Resp: 2155451
Ion Ratio Lower Upper
112 100
64 51.6 41.0 61.6
63 26.8 21.5 32.3



#6
Aniline
Concen: 22.502 ng
RT: 7.104 min Scan# 700
Delta R.T. 0.000 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion: 93 Resp: 421157
Ion Ratio Lower Upper
93 100
66 35.8 29.1 43.7
65 18.5 14.9 22.3

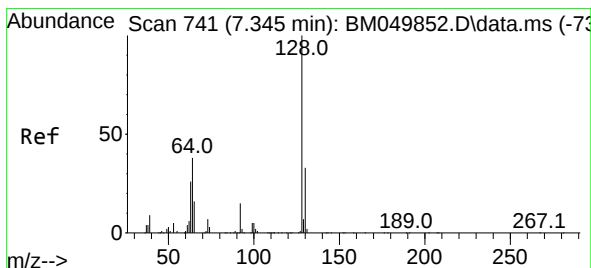
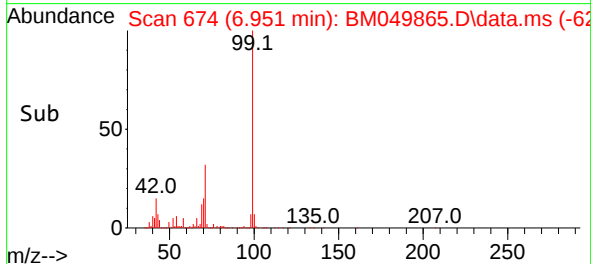
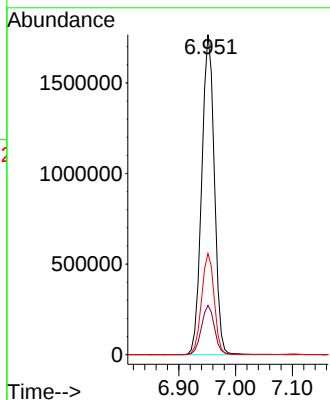
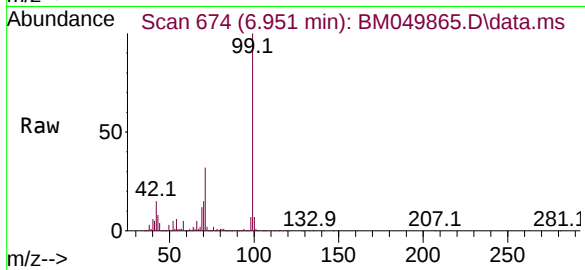




#7
Phenol-d6
Concen: 124.716 ng
RT: 6.951 min Scan# 674
Delta R.T. 0.000 min
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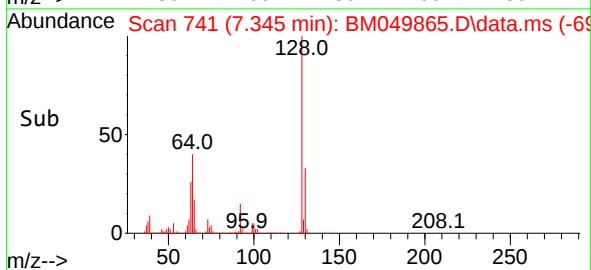
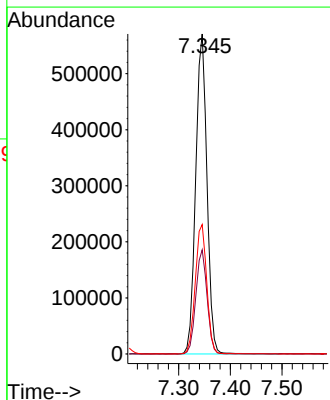
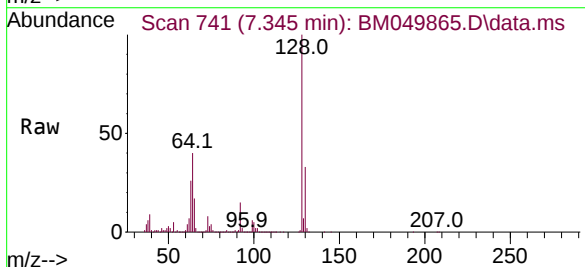
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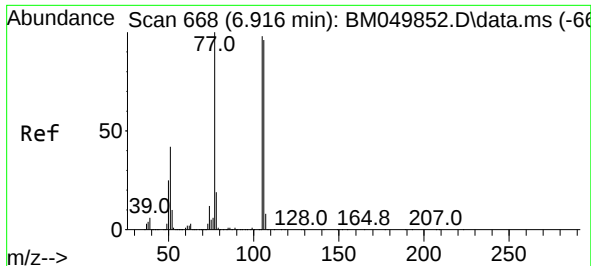
Tgt Ion: 99 Resp: 2724158
Ion Ratio Lower Upper
99 100
42 15.4 12.1 18.1
71 31.6 24.9 37.3



#8
2-Chlorophenol
Concen: 47.988 ng
RT: 7.345 min Scan# 741
Delta R.T. 0.000 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion: 128 Resp: 863377
Ion Ratio Lower Upper
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130 32.5 12.6 52.6
64 40.4 21.1 61.1

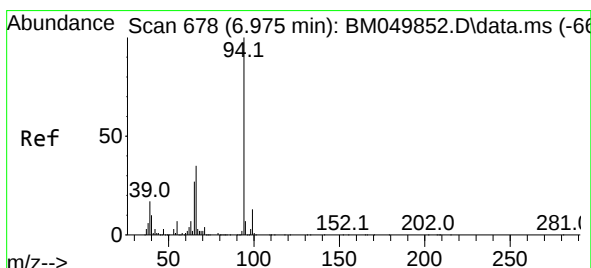
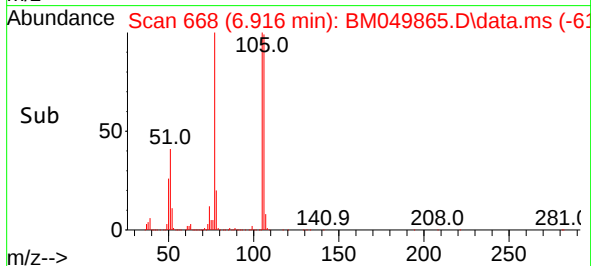
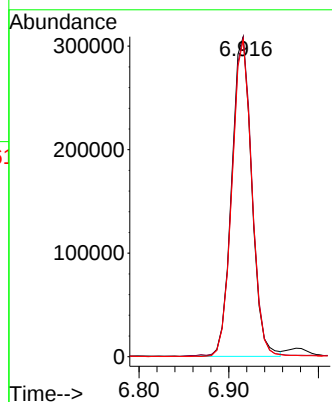
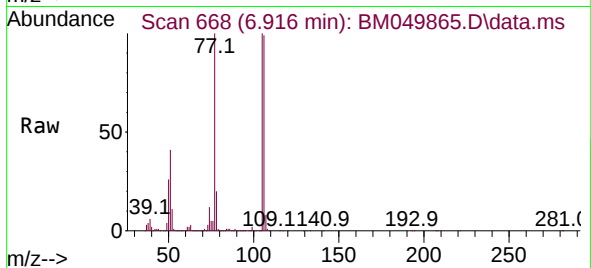




#9
Benzaldehyde
Concen: 42.656 ng
RT: 6.916 min Scan# 668
Delta R.T. 0.000 min
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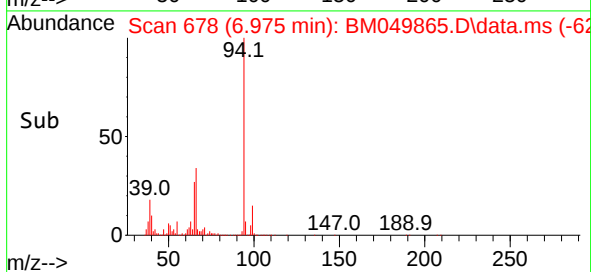
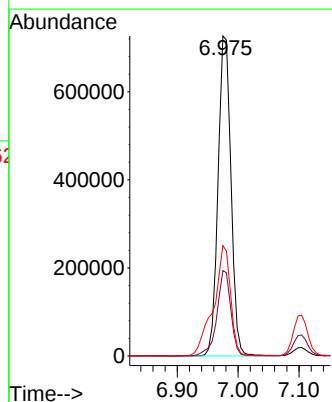
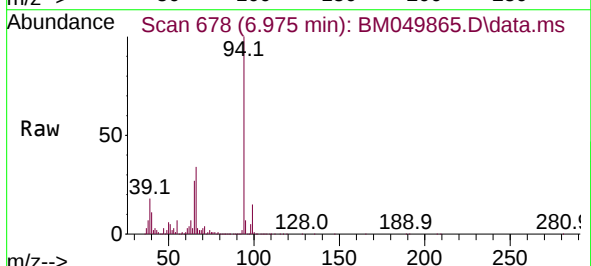
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

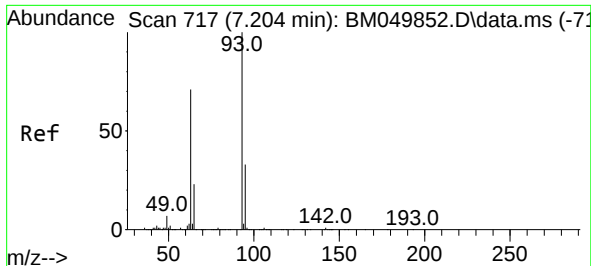
Tgt Ion: 77 Resp: 478135
Ion Ratio Lower Upper
77 100
105 99.8 78.3 118.3
106 99.0 76.0 116.0



#10
Phenol
Concen: 50.325 ng
RT: 6.975 min Scan# 678
Delta R.T. 0.000 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion: 94 Resp: 1072705
Ion Ratio Lower Upper
94 100
65 26.6 7.3 47.3
66 34.5 14.8 54.8

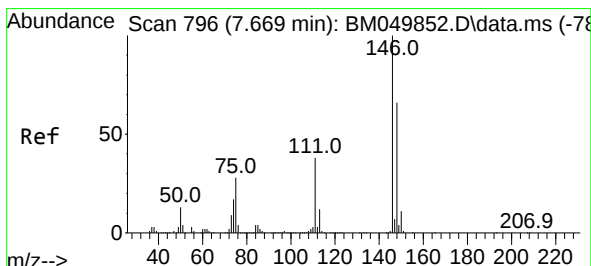
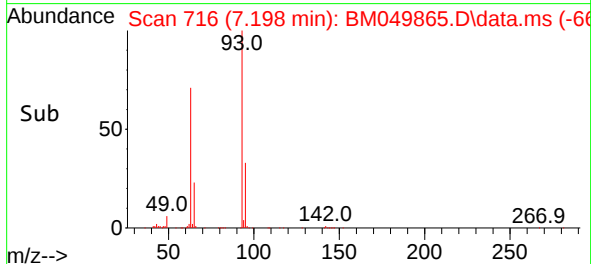
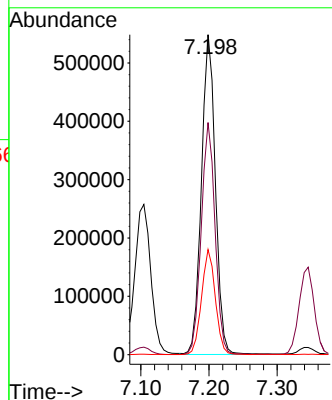
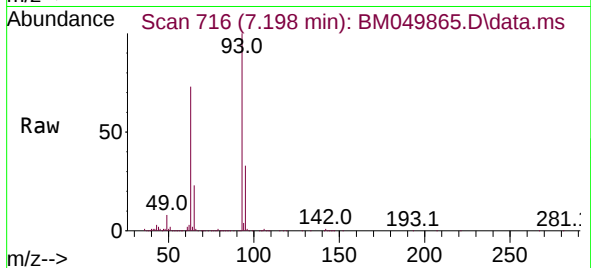




#11
bis(2-Chloroethyl)ether
Concen: 46.646 ng
RT: 7.198 min Scan# 716
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

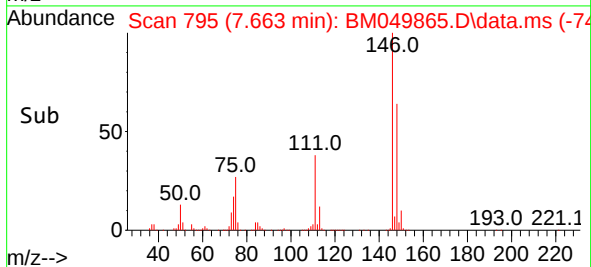
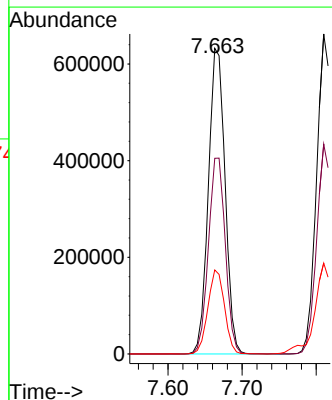
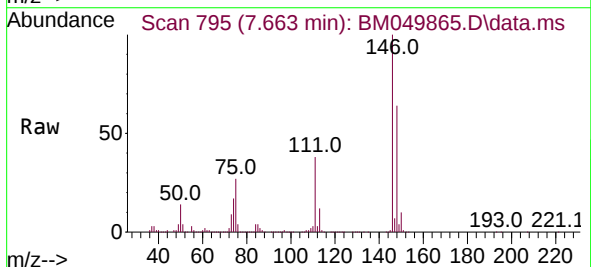
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

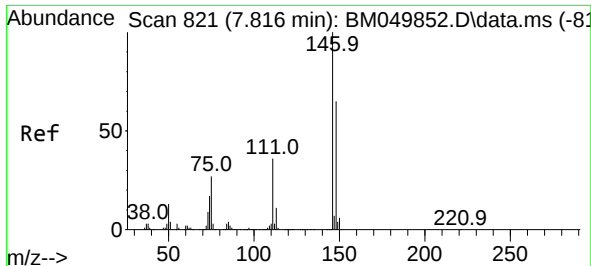
Tgt Ion: 93 Resp: 779707
Ion Ratio Lower Upper
93 100
63 72.5 50.9 90.9
95 32.9 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 46.518 ng
RT: 7.663 min Scan# 795
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion: 146 Resp: 989476
Ion Ratio Lower Upper
146 100
148 64.0 52.5 78.7
75 27.5 22.5 33.7

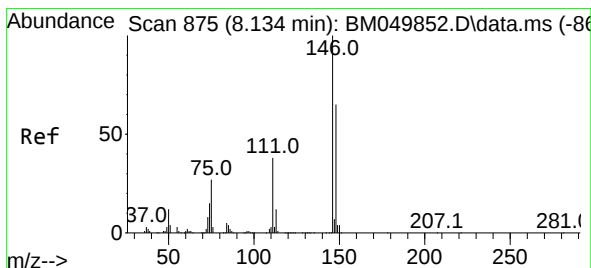
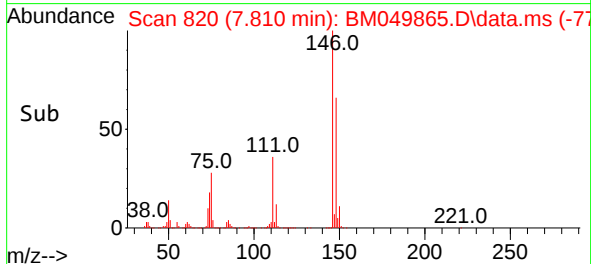
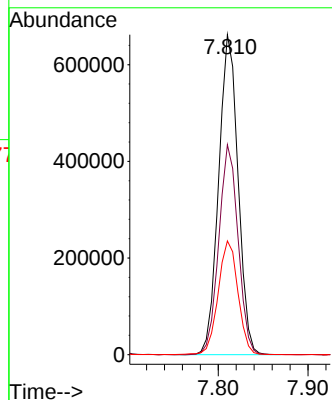
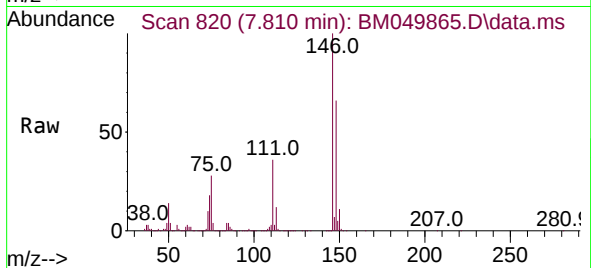




#13
1,4-Dichlorobenzene
Concen: 46.478 ng
RT: 7.810 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

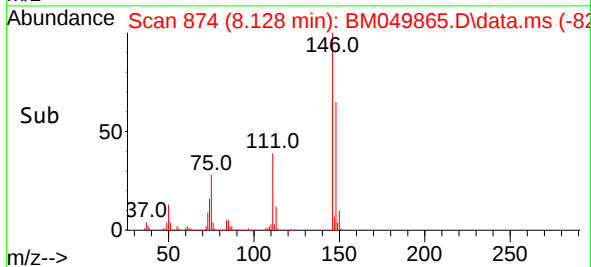
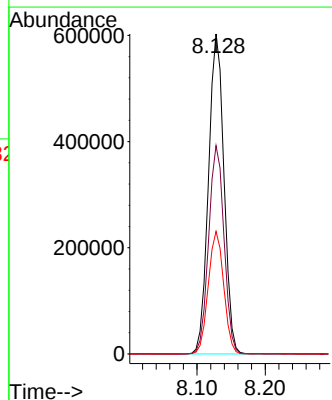
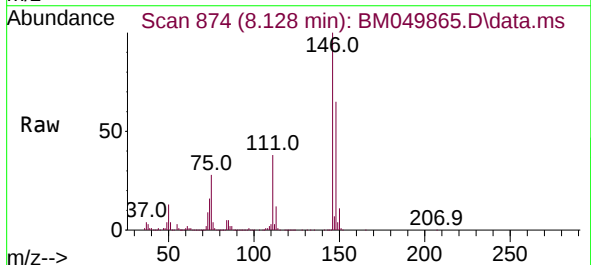
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

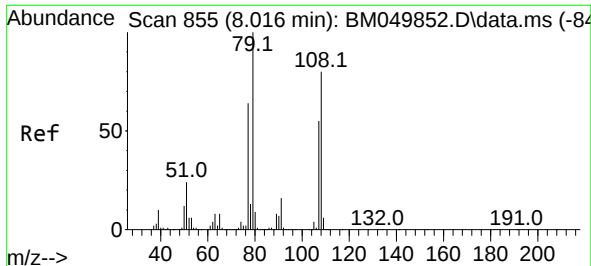
Tgt Ion:146 Resp: 994756
Ion Ratio Lower Upper
146 100
148 65.6 52.4 78.6
111 35.6 28.5 42.7



#14
1,2-Dichlorobenzene
Concen: 47.181 ng
RT: 8.128 min Scan# 874
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion:146 Resp: 951142
Ion Ratio Lower Upper
146 100
148 65.1 51.8 77.8
111 38.3 30.2 45.4

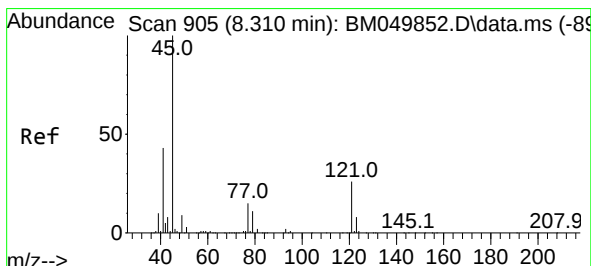
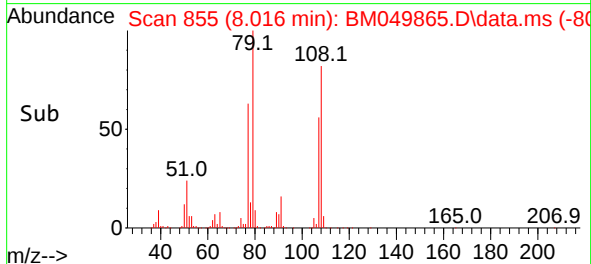
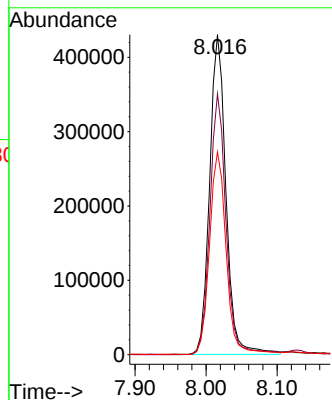
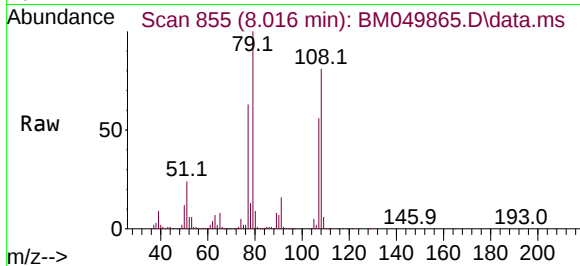




#15
Benzyl Alcohol
Concen: 49.988 ng
RT: 8.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

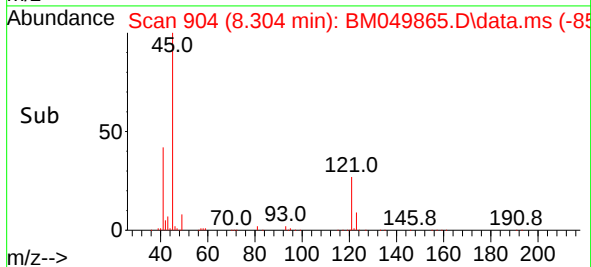
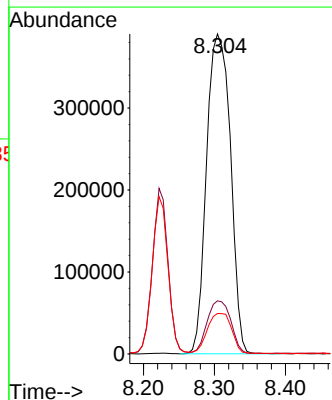
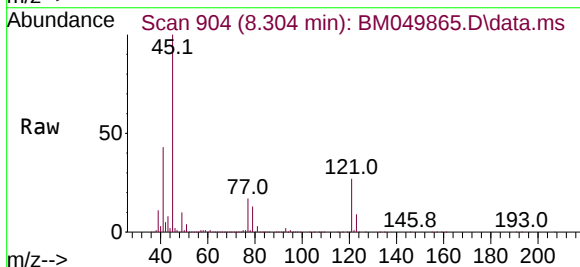
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

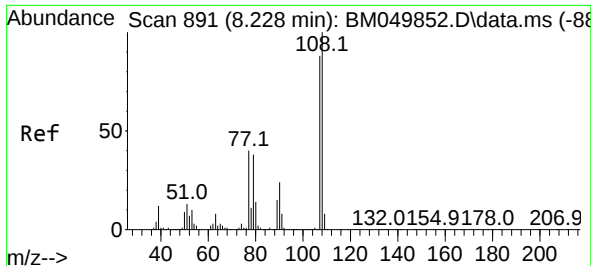
Tgt Ion: 79 Resp: 687559
Ion Ratio Lower Upper
79 100
108 81.5 63.6 95.4
77 63.4 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.959 ng
RT: 8.304 min Scan# 904
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

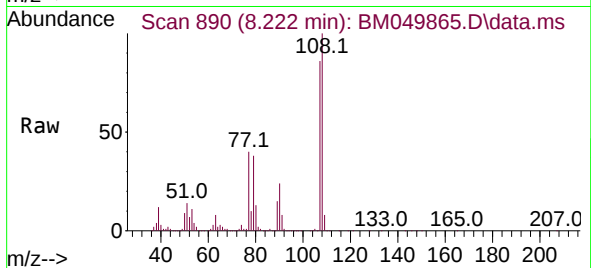
Tgt Ion: 45 Resp: 912146
Ion Ratio Lower Upper
45 100
77 16.6 0.0 36.9
79 12.7 0.0 32.9



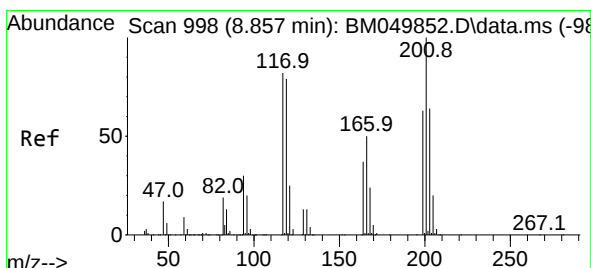
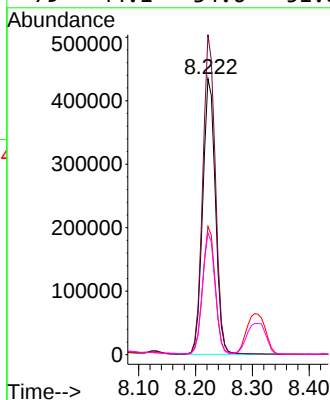
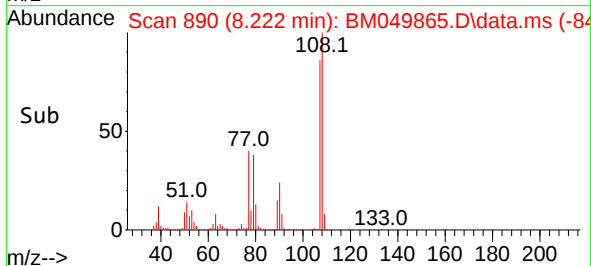


#17
2-Methylphenol
Concen: 51.134 ng
RT: 8.222 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

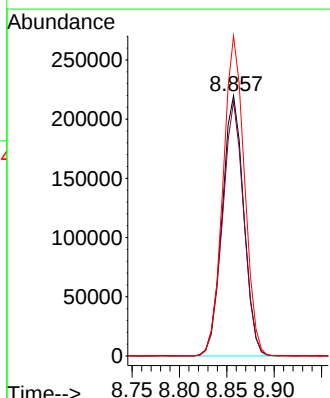
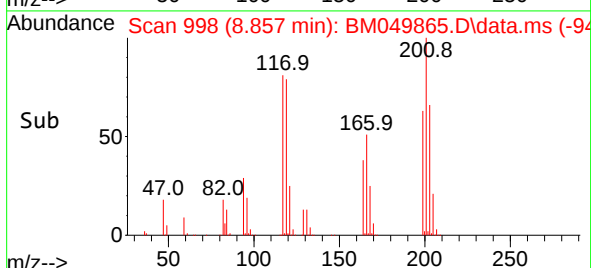
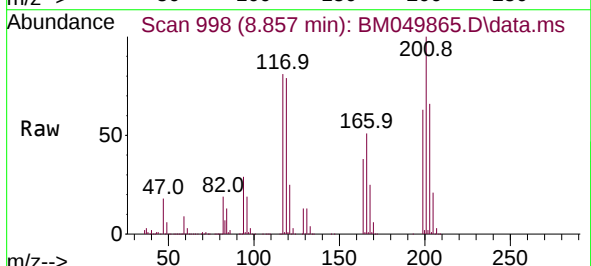


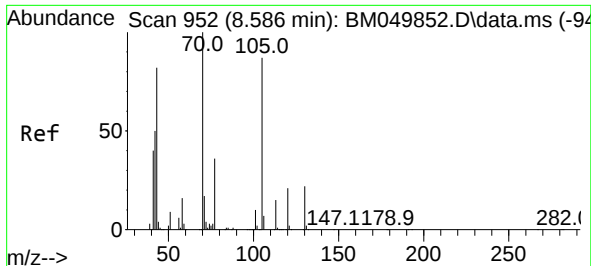
Tgt Ion:	107	Resp:	671680
Ion	Ratio	Lower	Upper
107	100		
108	115.9	91.0	136.6
77	46.5	36.5	54.7
79	44.1	34.6	51.8



#18
Hexachloroethane
Concen: 46.705 ng
RT: 8.857 min Scan# 998
Delta R.T. 0.000 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion:	117	Resp:	347778
Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.5	116.3
201	122.9	97.7	146.5

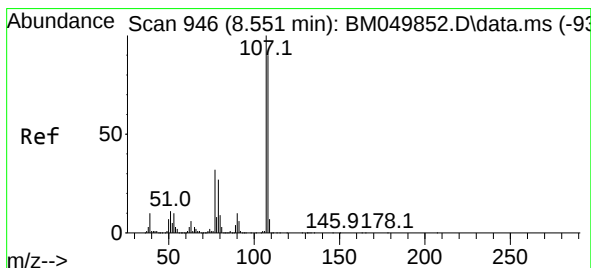
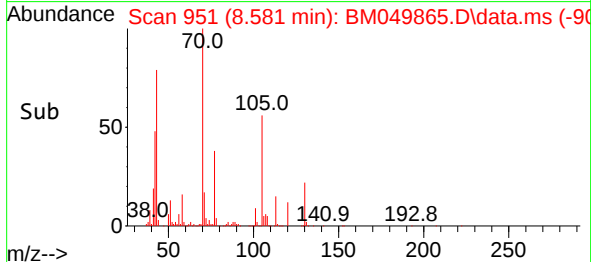
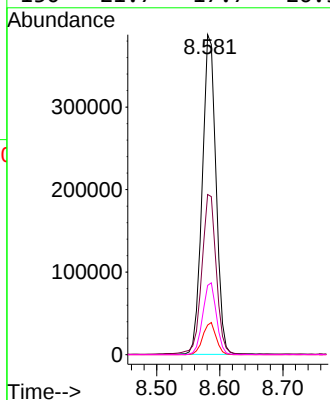
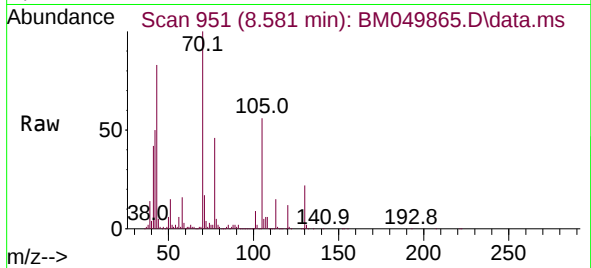




#19
n-Nitroso-di-n-propylamine
Concen: 48.392 ng
RT: 8.581 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

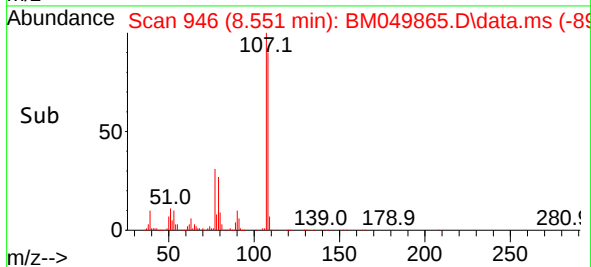
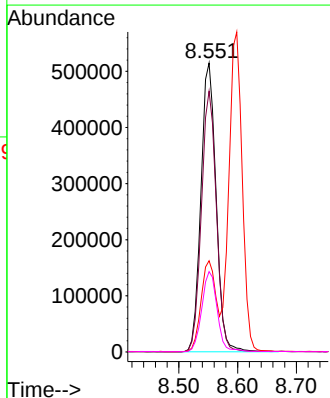
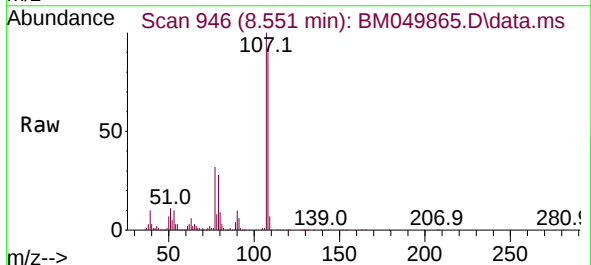
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

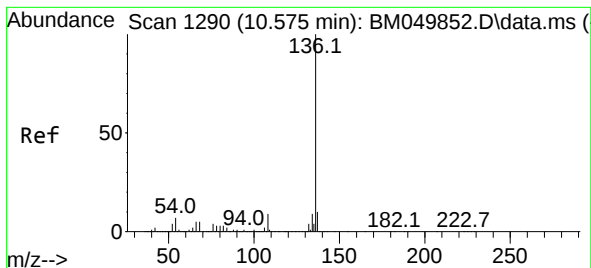
Tgt Ion: 70 Resp: 585438
Ion Ratio Lower Upper
70 100
42 50.0 40.2 60.2
101 9.3 7.9 11.9
130 21.7 17.7 26.5



#20
3+4-Methylphenols
Concen: 51.480 ng
RT: 8.551 min Scan# 946
Delta R.T. 0.000 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion: 107 Resp: 921924
Ion Ratio Lower Upper
107 100
108 90.2 69.6 109.6
77 31.5 11.7 51.7
79 27.8 7.3 47.3

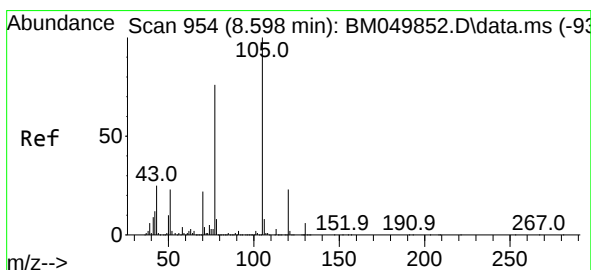
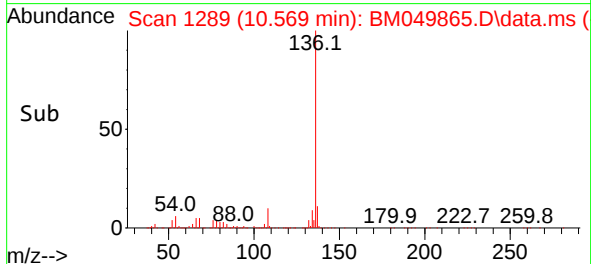
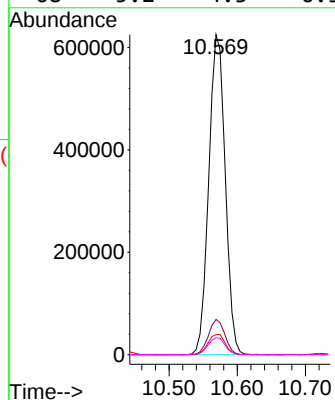
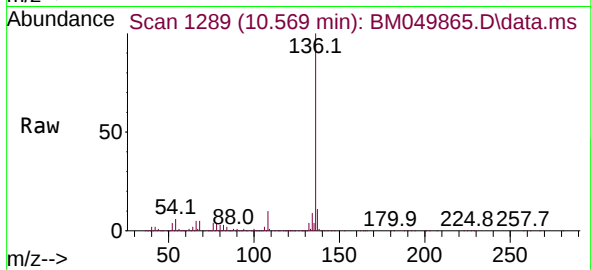




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

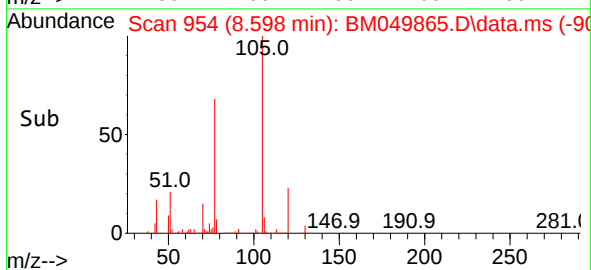
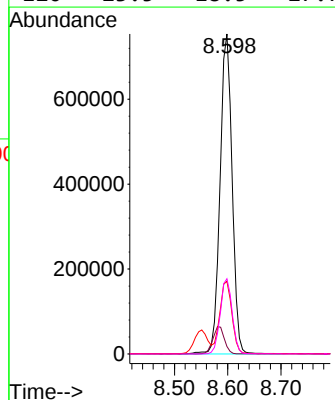
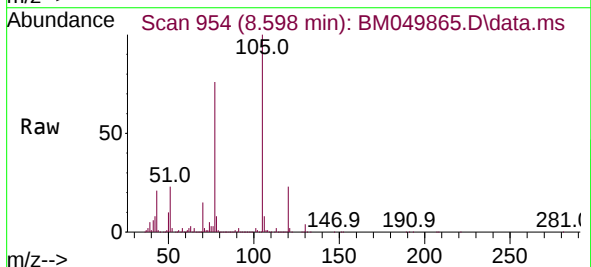
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

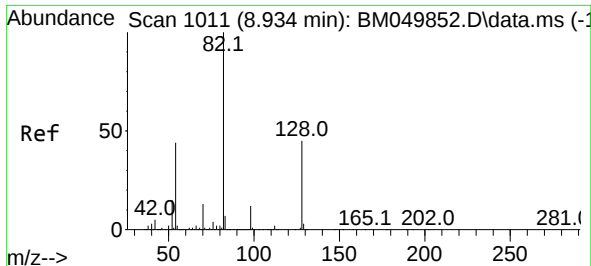
Tgt Ion:136 Resp: 1050152
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 6.3 5.3 7.9
68 5.2 4.3 6.5



#22
Acetophenone
Concen: 46.289 ng
RT: 8.598 min Scan# 954
Delta R.T. 0.000 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion:105 Resp: 1181375
Ion Ratio Lower Upper
105 100
71 2.4 3.0 4.4#
51 22.7 18.6 27.8
120 23.5 18.5 27.7

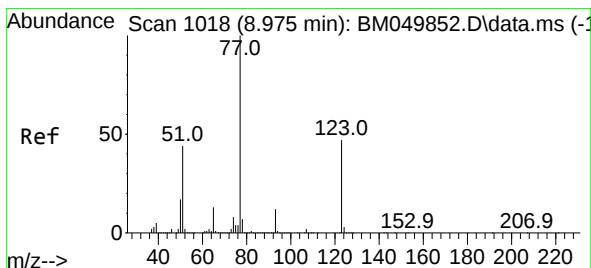
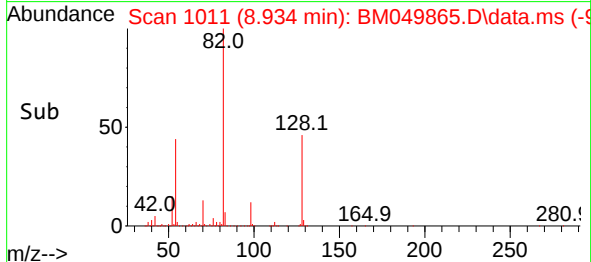
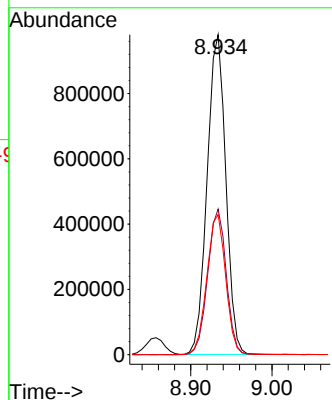
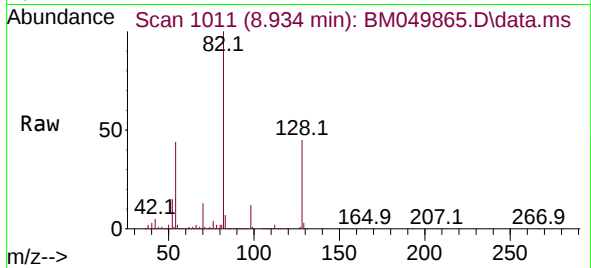




#23
Nitrobenzene-d5
Concen: 82.869 ng
RT: 8.934 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

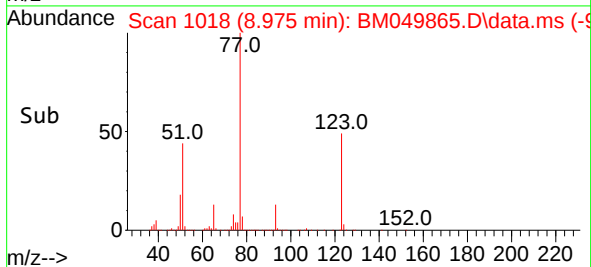
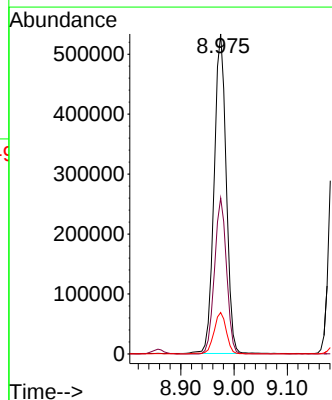
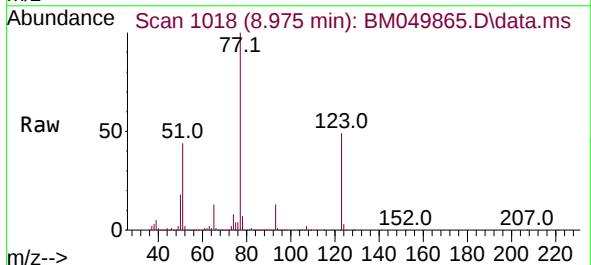
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

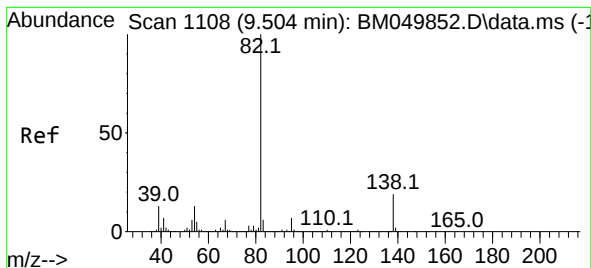
Tgt Ion: 82 Resp: 1562799
Ion Ratio Lower Upper
82 100
128 45.5 36.2 54.2
54 43.8 35.0 52.6



#24
Nitrobenzene
Concen: 46.397 ng
RT: 8.975 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion: 77 Resp: 842536
Ion Ratio Lower Upper
77 100
123 48.8 37.4 56.2
65 12.9 10.1 15.1





#25

Isophorone

Concen: 50.244 ng

RT: 9.504 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BM049865.D

Acq: 09 Apr 2025 13:08

Instrument :

BNA_M

ClientSampleId :

B-158-SB01MS

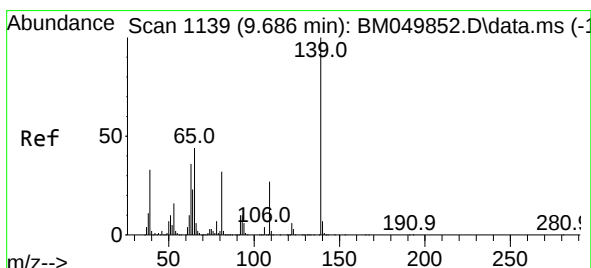
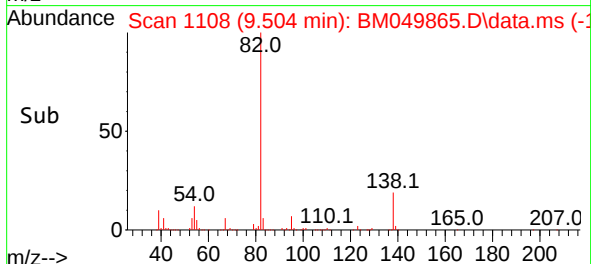
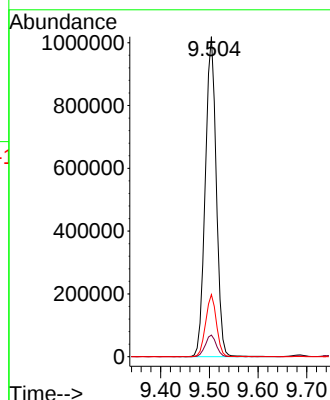
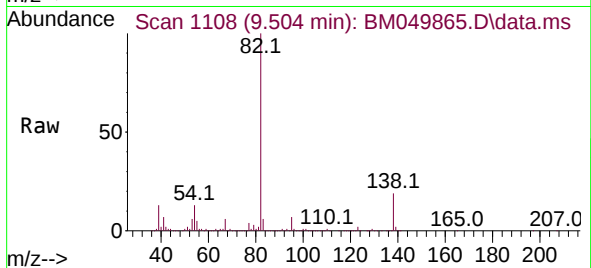
Tgt Ion: 82 Resp: 1587310

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 19.4 15.0 22.6



#26

2-Nitrophenol

Concen: 46.535 ng

RT: 9.686 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BM049865.D

Acq: 09 Apr 2025 13:08

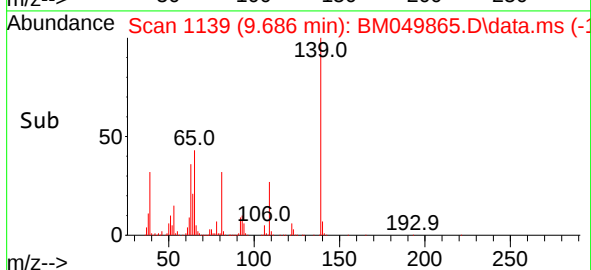
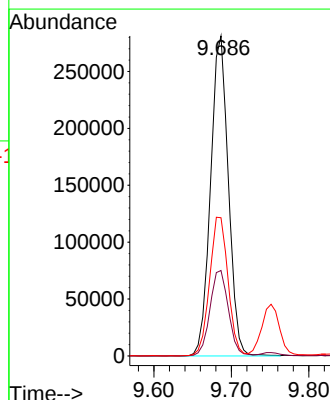
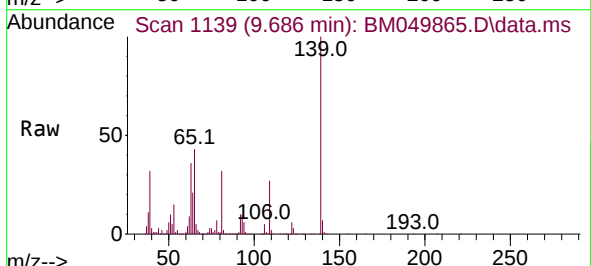
Tgt Ion:139 Resp: 447885

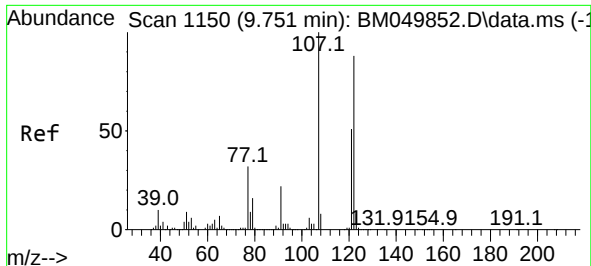
Ion Ratio Lower Upper

139 100

109 26.7 21.7 32.5

65 43.2 35.2 52.8

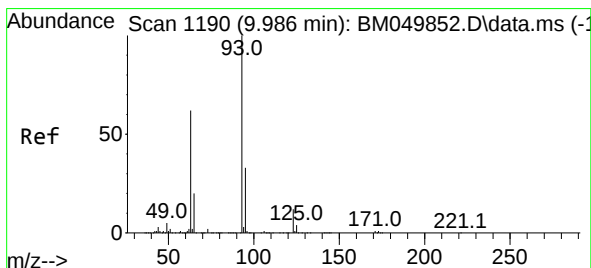
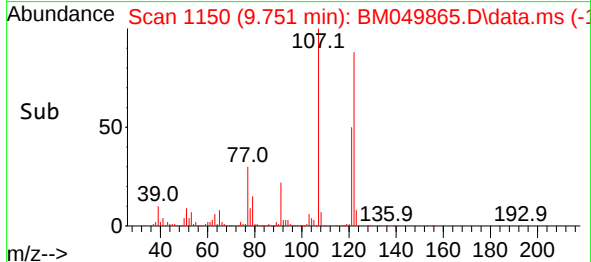
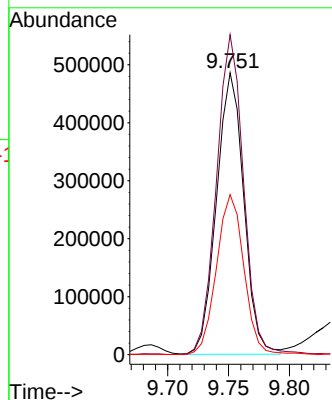
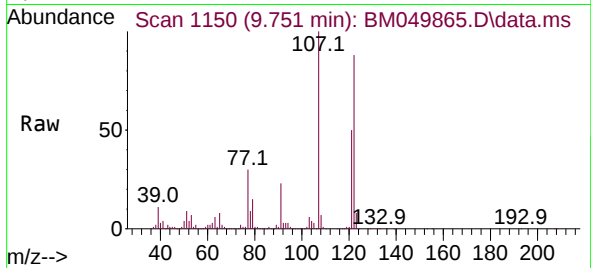




#27
2,4-Dimethylphenol
Concen: 69.382 ng
RT: 9.751 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

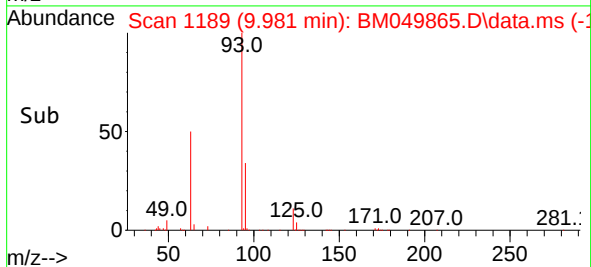
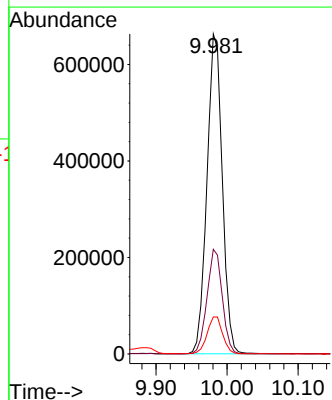
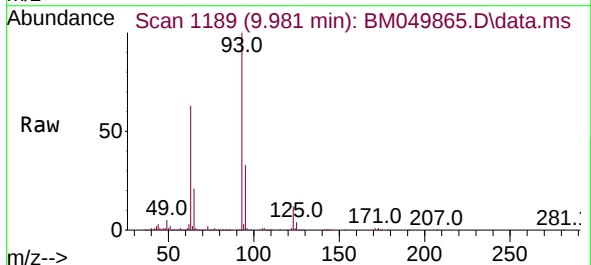
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

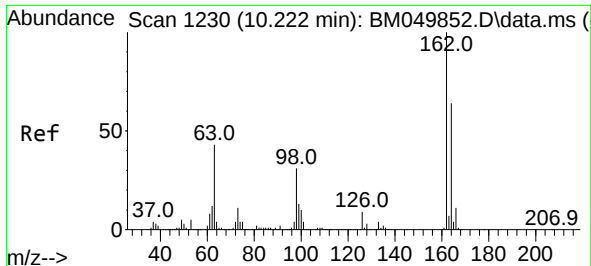
Tgt Ion:122 Resp: 756789
Ion Ratio Lower Upper
122 100
107 113.5 90.3 135.5
121 56.7 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 47.187 ng
RT: 9.981 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion: 93 Resp: 998019
Ion Ratio Lower Upper
93 100
95 32.7 26.6 40.0
123 11.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 47.870 ng

RT: 10.222 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049865.D

Acq: 09 Apr 2025 13:08

Instrument :

BNA_M

ClientSampleId :

B-158-SB01MS

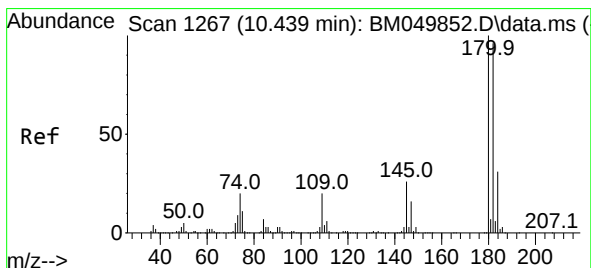
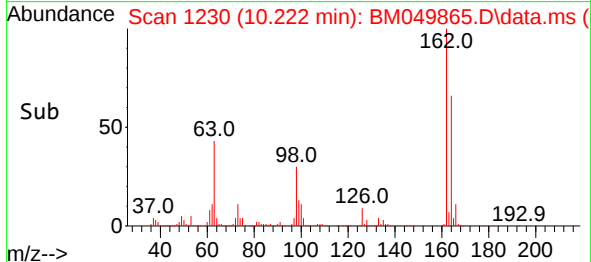
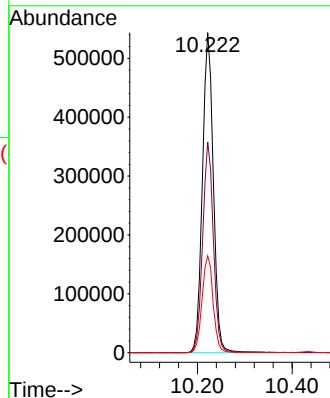
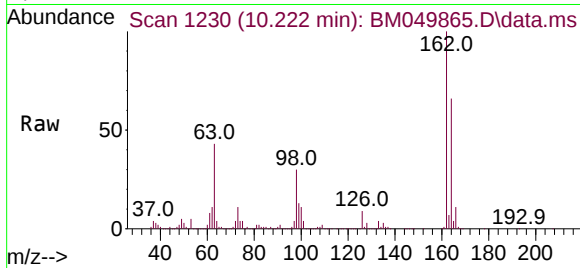
Tgt Ion:162 Resp: 867930

Ion Ratio Lower Upper

162 100

164 65.8 44.3 84.3

98 30.3 10.9 50.9



#30

1,2,4-Trichlorobenzene

Concen: 45.456 ng

RT: 10.434 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BM049865.D

Acq: 09 Apr 2025 13:08

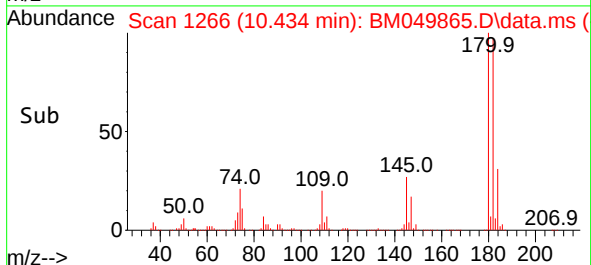
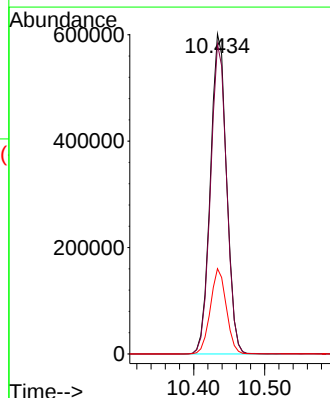
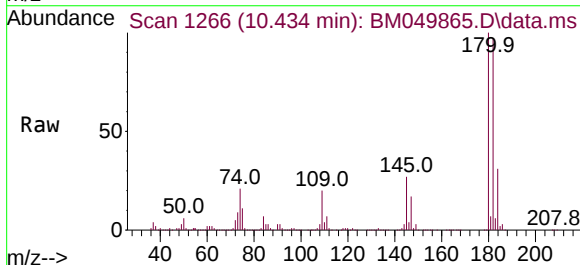
Tgt Ion:180 Resp: 953445

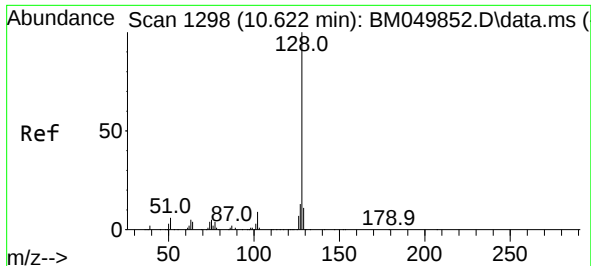
Ion Ratio Lower Upper

180 100

182 96.9 76.7 115.1

145 26.6 20.8 31.2

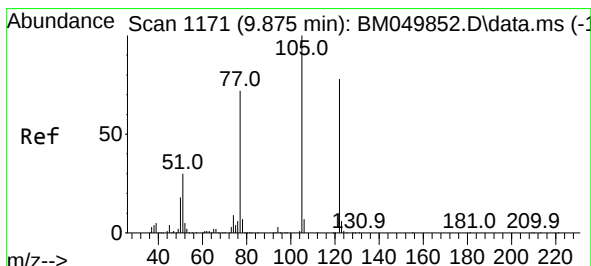
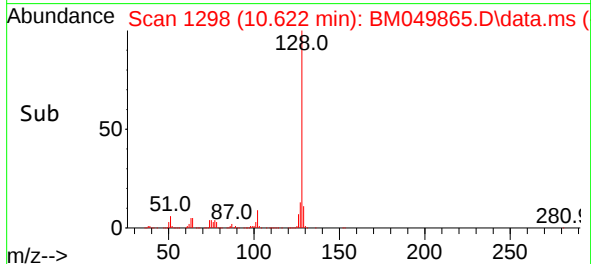
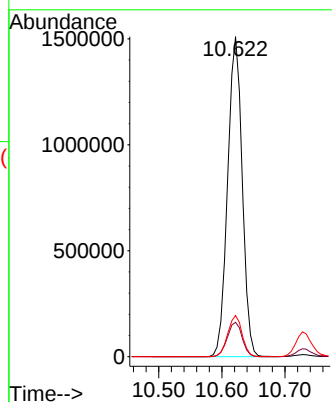
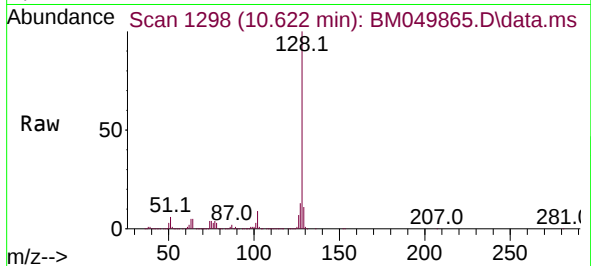




#31
Naphthalene
Concen: 44.811 ng
RT: 10.622 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

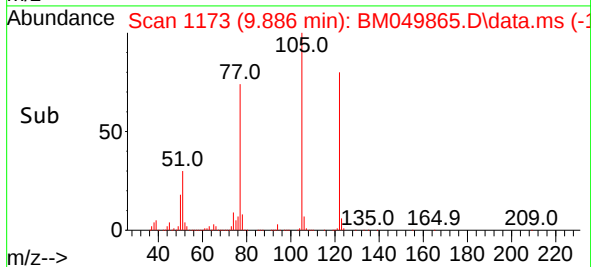
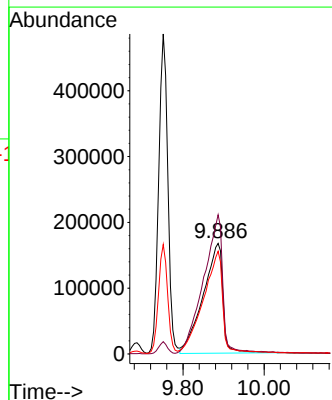
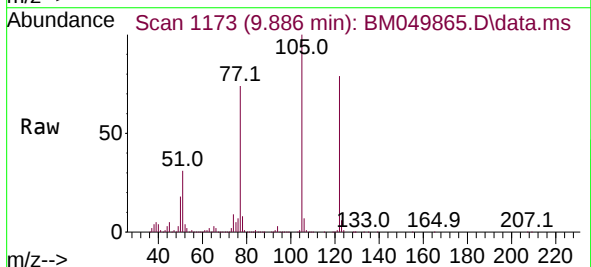
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

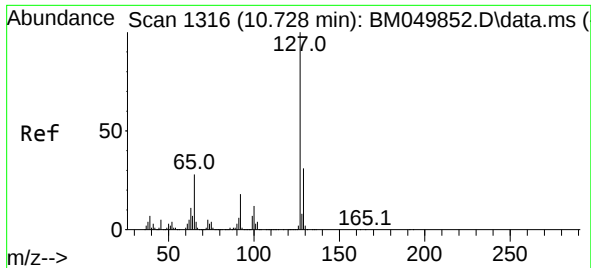
Tgt Ion:128 Resp: 2418053
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.9 10.6 15.8



#32
Benzoic acid
Concen: 42.966 ng
RT: 9.886 min Scan# 1173
Delta R.T. 0.011 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion:122 Resp: 566179
Ion Ratio Lower Upper
122 100
105 125.8 103.8 143.8
77 92.9 70.7 110.7

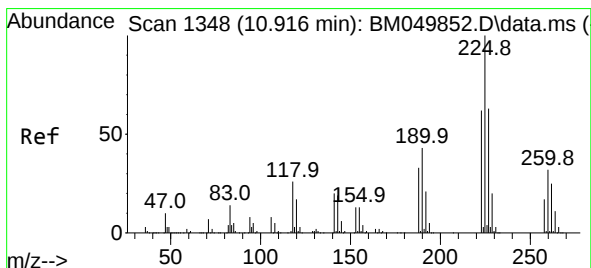
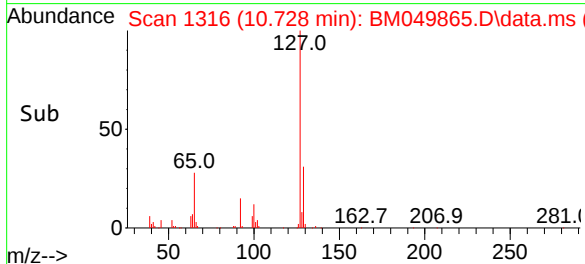
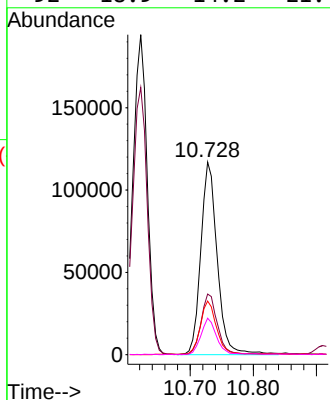
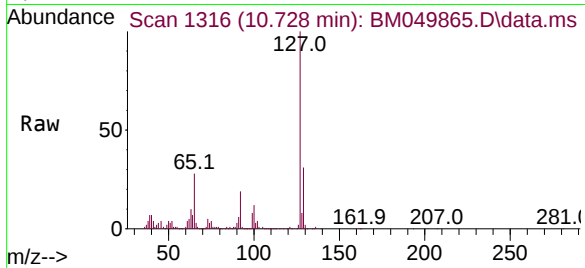




#33
4-Chloroaniline
Concen: 11.132 ng
RT: 10.728 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

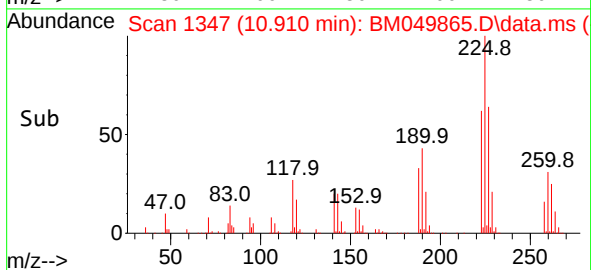
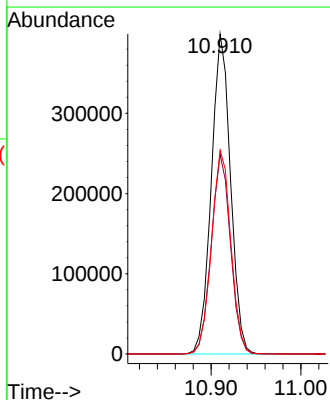
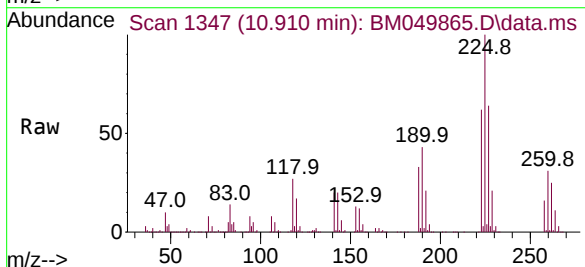
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

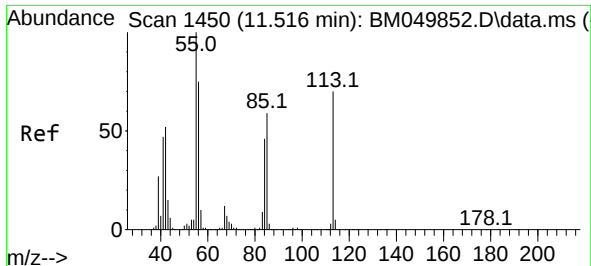
Tgt Ion:	127	Resp:	212114
Ion	Ratio	Lower	Upper
127	100		
129	31.5	24.9	37.3
65	27.8	22.4	33.6
92	18.9	14.2	21.4



#34
Hexachlorobutadiene
Concen: 45.668 ng
RT: 10.910 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion:	225	Resp:	592511
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.4	74.2
227	63.7	50.1	75.1

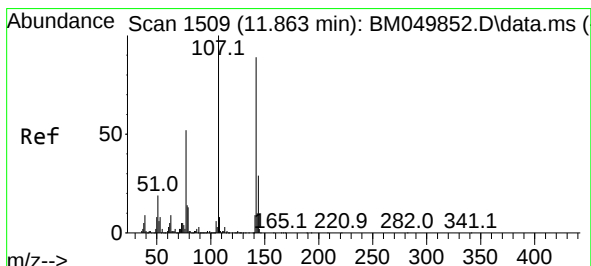
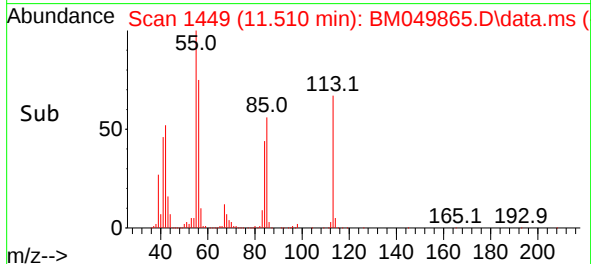
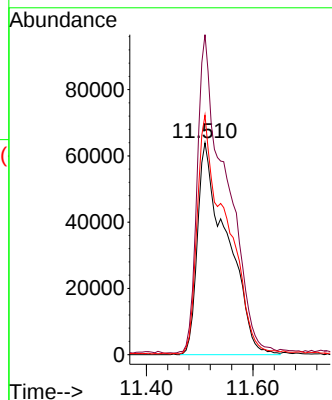
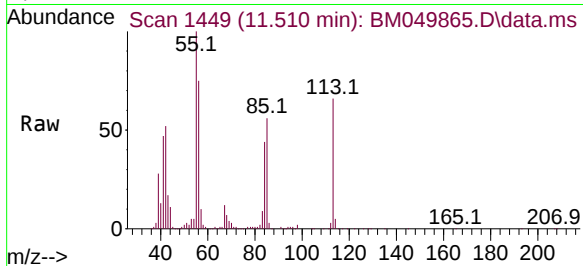




#35
Caprolactam
Concen: 47.070 ng
RT: 11.510 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

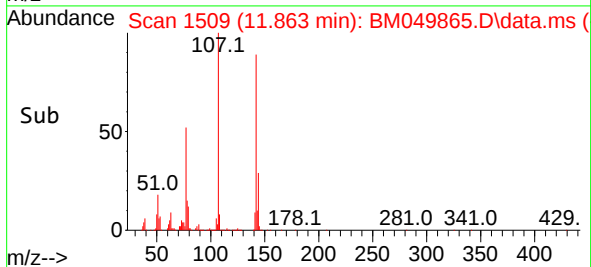
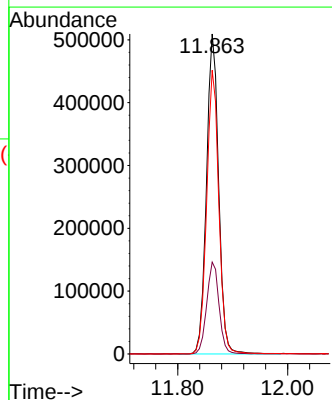
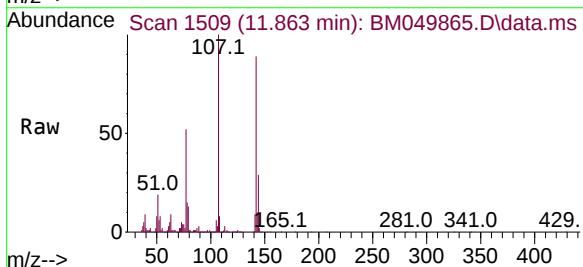
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

Tgt Ion:113 Resp: 244776
Ion Ratio Lower Upper
113 100
55 151.1 124.3 164.3
56 113.1 87.5 127.5



#36
4-Chloro-3-methylphenol
Concen: 49.133 ng
RT: 11.863 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion:107 Resp: 780324
Ion Ratio Lower Upper
107 100
144 28.7 23.6 35.4
142 88.7 71.4 107.0

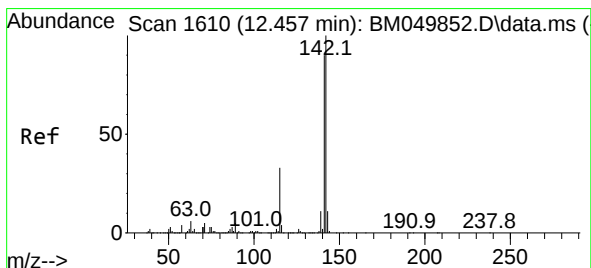
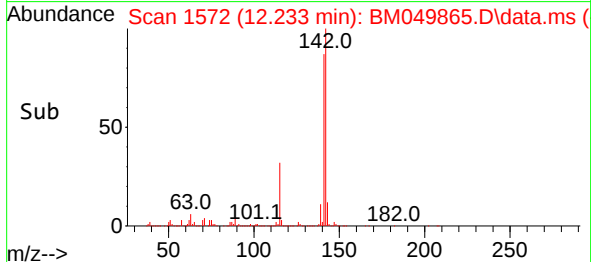
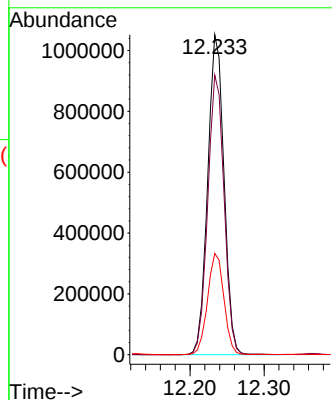
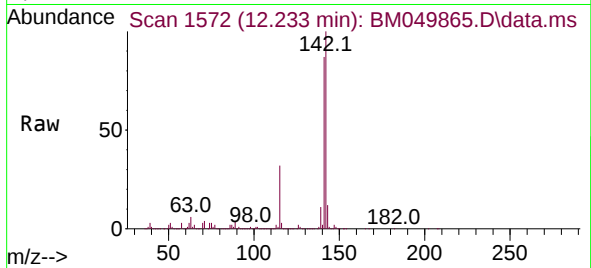




#37
2-Methylnaphthalene
Concen: 42.235 ng
RT: 12.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

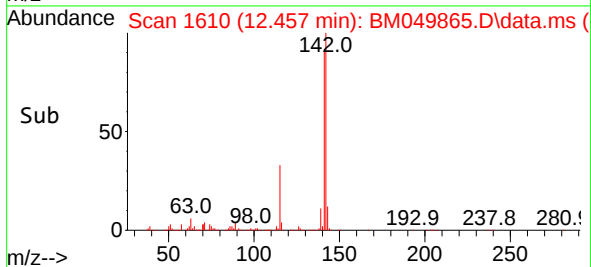
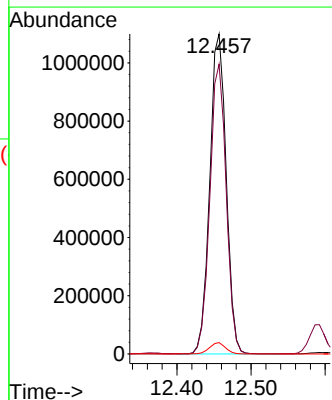
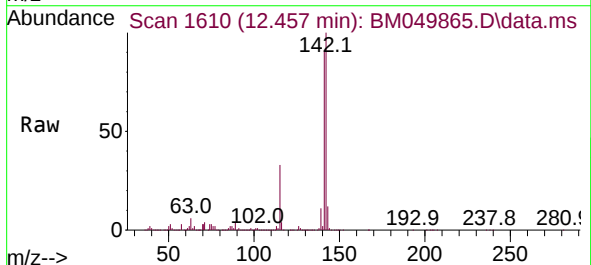
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

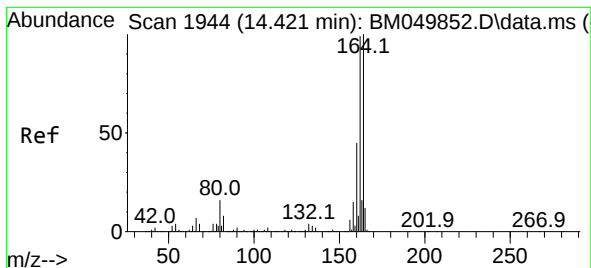
Tgt Ion:142 Resp: 1605733
Ion Ratio Lower Upper
142 100
141 87.4 70.2 105.2
115 31.7 25.4 38.2



#38
1-Methylnaphthalene
Concen: 45.597 ng
RT: 12.457 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion:142 Resp: 1688879
Ion Ratio Lower Upper
142 100
141 90.5 72.2 108.2
116 3.5 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.421 min Scan# 1944

Delta R.T. 0.000 min

Lab File: BM049865.D

Acq: 09 Apr 2025 13:08

Instrument :

BNA_M

ClientSampleId :

B-158-SB01MS

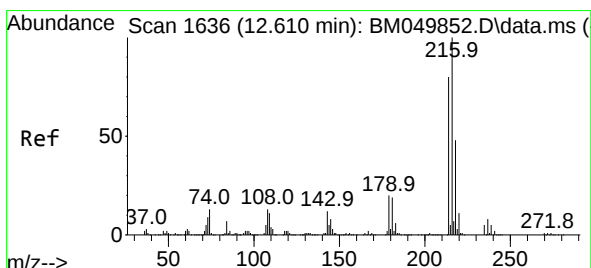
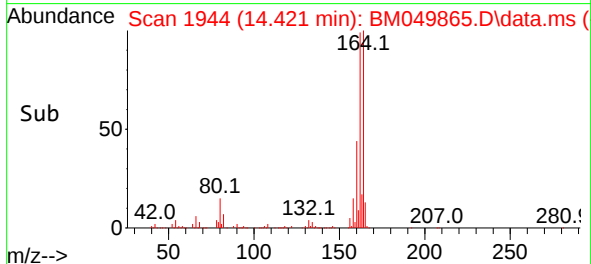
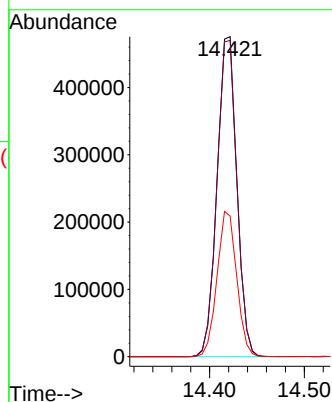
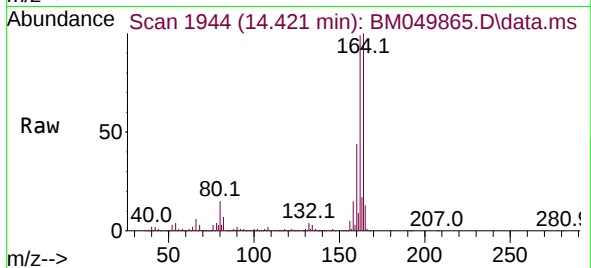
Tgt Ion:164 Resp: 691142

Ion Ratio Lower Upper

164 100

162 98.8 79.4 119.0

160 44.0 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.728 ng

RT: 12.610 min Scan# 1636

Delta R.T. 0.000 min

Lab File: BM049865.D

Acq: 09 Apr 2025 13:08

Tgt Ion:216 Resp: 1105688

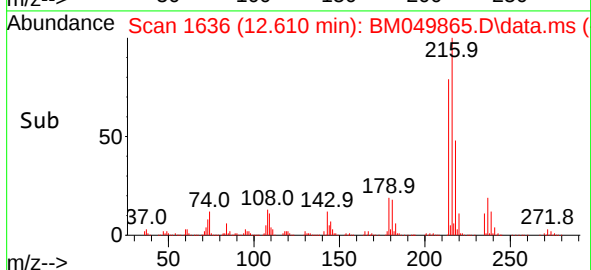
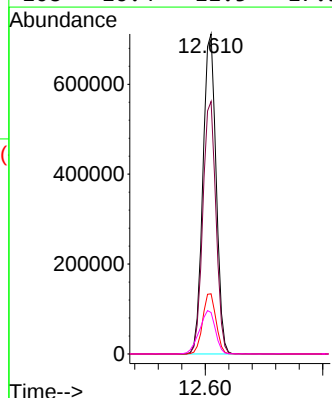
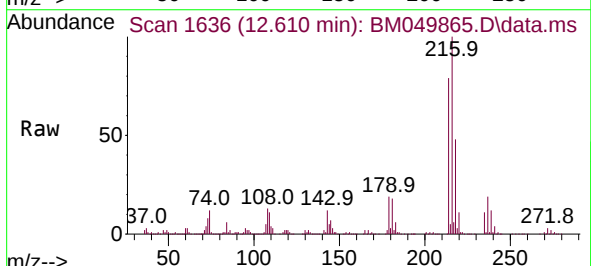
Ion Ratio Lower Upper

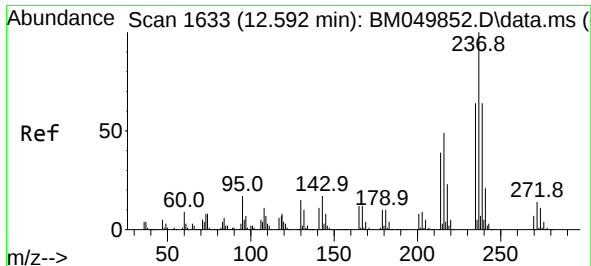
216 100

214 78.6 63.2 94.8

179 19.1 15.8 23.6

108 16.4 11.5 17.3

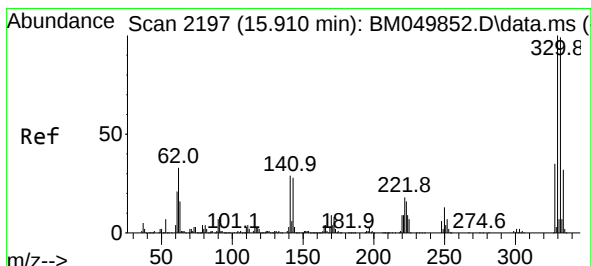
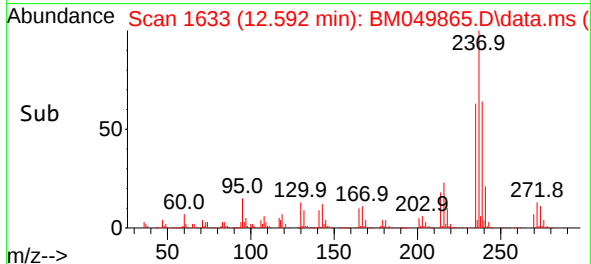
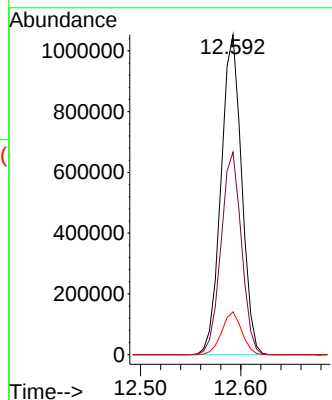
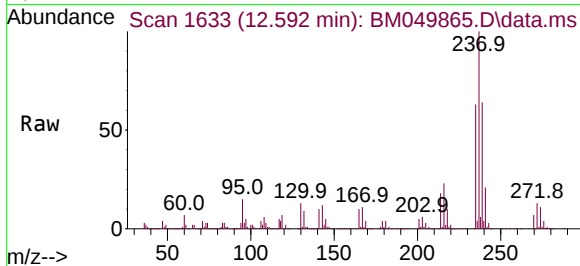




#41
Hexachlorocyclopentadiene
Concen: 176.840 ng
RT: 12.592 min Scan# 1633
Delta R.T. 0.000 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

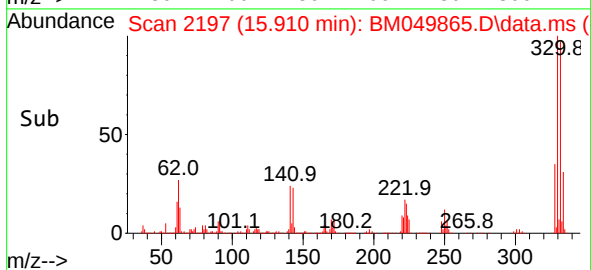
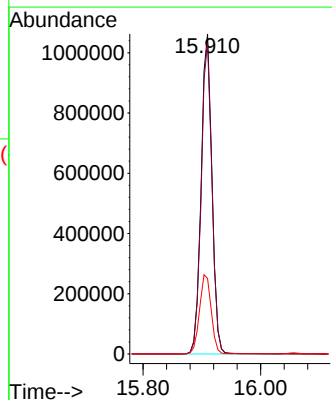
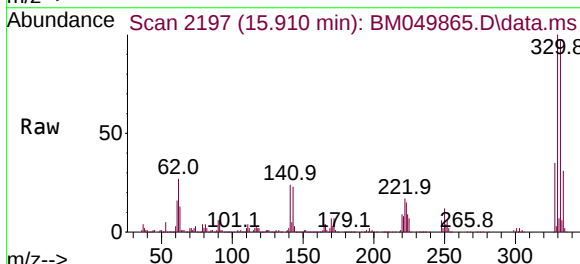
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

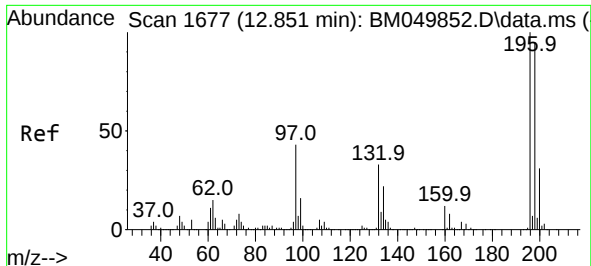
Tgt Ion:237 Resp: 1498293
Ion Ratio Lower Upper
237 100
235 63.3 43.7 83.7
272 13.4 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 134.729 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion:330 Resp: 1354417
Ion Ratio Lower Upper
330 100
332 97.0 78.0 117.0
141 26.8 23.5 35.3

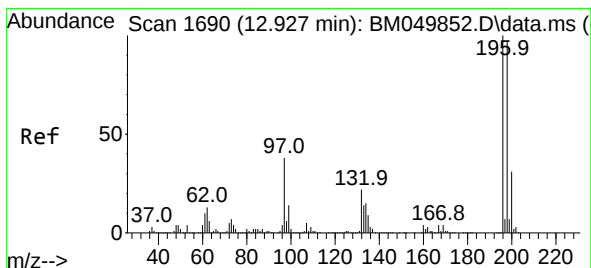
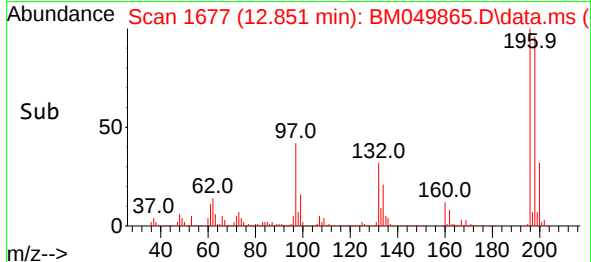
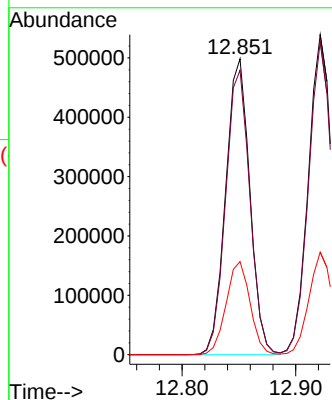
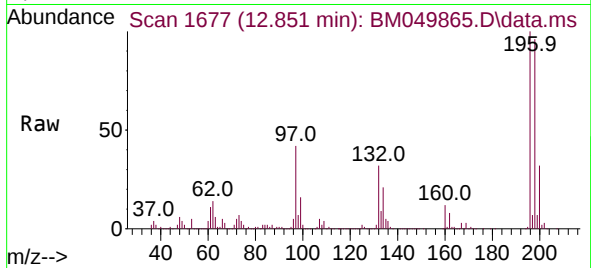




#43
2,4,6-Trichlorophenol
Concen: 47.931 ng
RT: 12.851 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

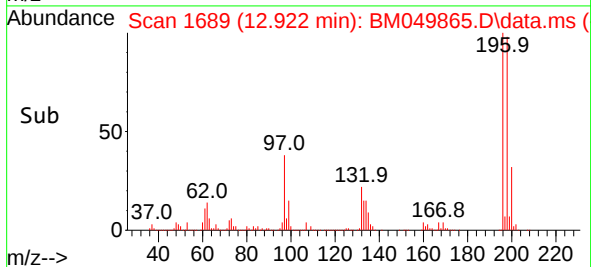
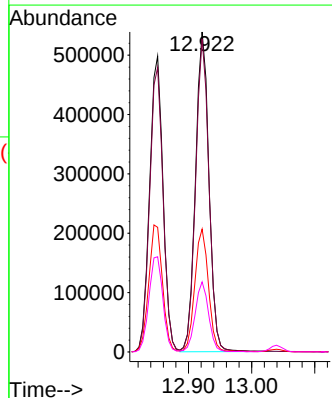
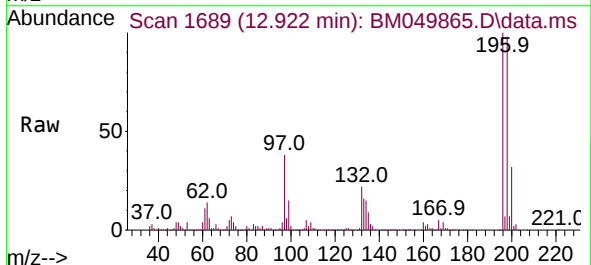
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

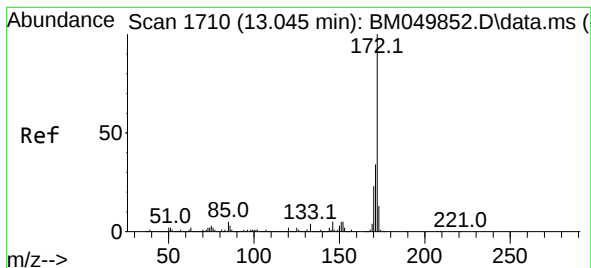
Tgt Ion:196 Resp: 737476
Ion Ratio Lower Upper
196 100
198 96.2 76.1 114.1
200 31.5 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 47.812 ng
RT: 12.922 min Scan# 1689
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion:196 Resp: 799432
Ion Ratio Lower Upper
196 100
198 97.8 77.7 116.5
97 38.4 30.3 45.5
132 21.9 17.3 25.9





#45

2-Fluorobiphenyl

Concen: 81.663 ng

RT: 13.039 min Scan# 1709

Delta R.T. -0.006 min

Lab File: BM049865.D

Acq: 09 Apr 2025 13:08

Instrument :

BNA_M

ClientSampleId :

B-158-SB01MS

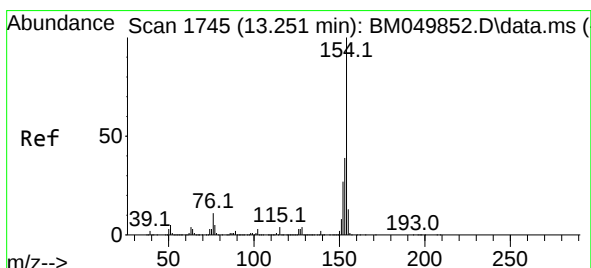
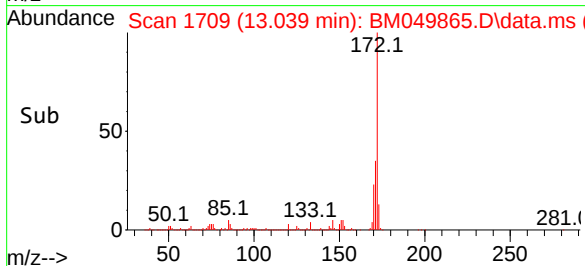
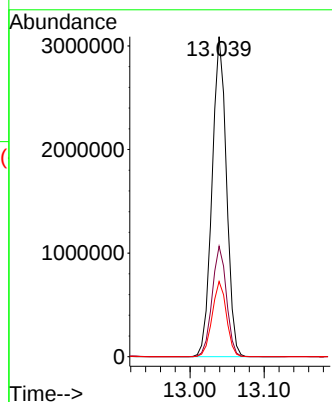
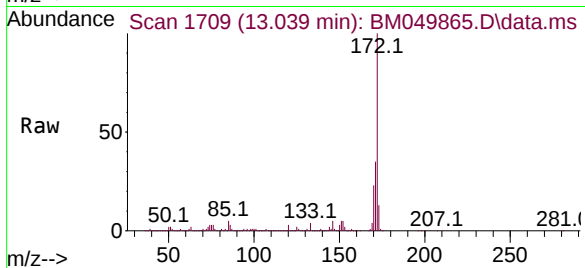
Tgt Ion:172 Resp: 4162286

Ion Ratio Lower Upper

172 100

171 34.5 27.4 41.2

170 23.5 18.6 28.0



#46

1,1'-Biphenyl

Concen: 45.815 ng

RT: 13.251 min Scan# 1745

Delta R.T. 0.000 min

Lab File: BM049865.D

Acq: 09 Apr 2025 13:08

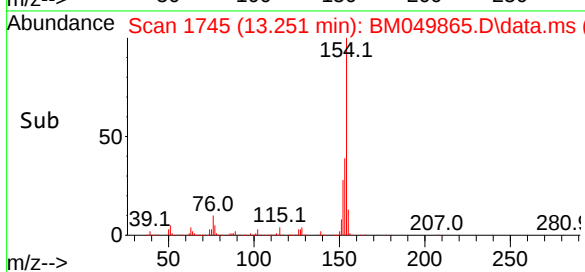
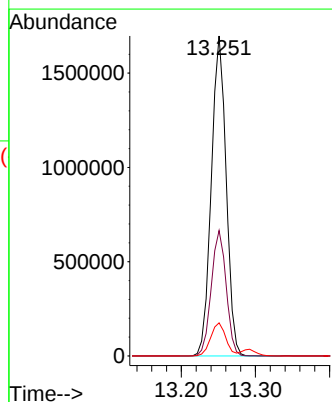
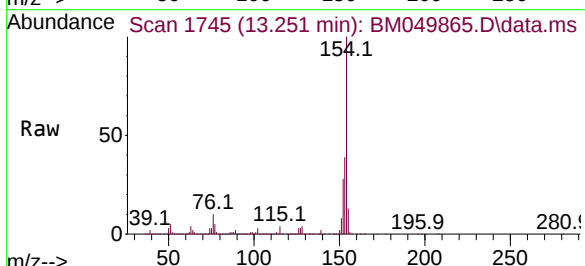
Tgt Ion:154 Resp: 2353870

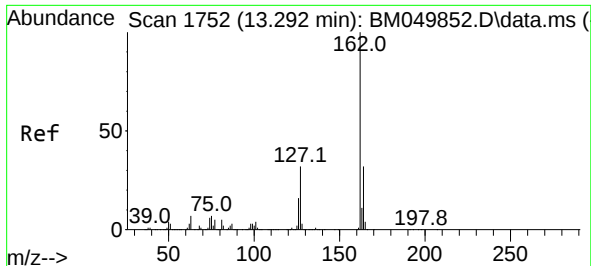
Ion Ratio Lower Upper

154 100

153 39.2 19.3 59.3

76 10.4 0.0 30.7

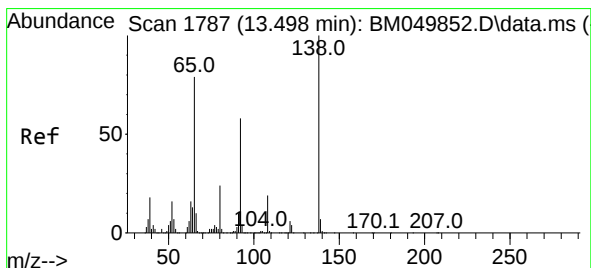
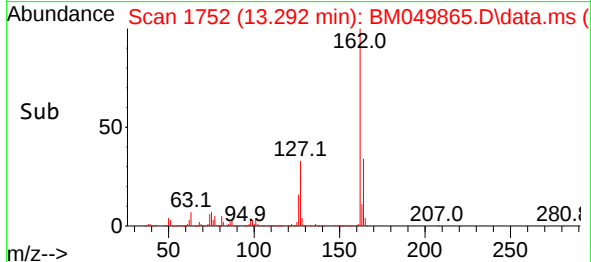
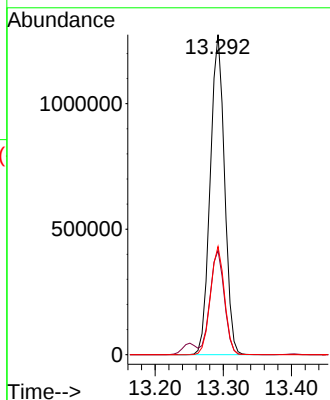
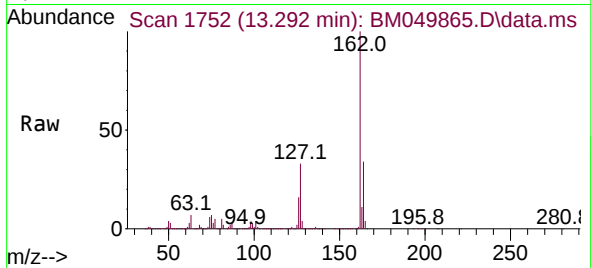




#47
2-Chloronaphthalene
Concen: 46.157 ng
RT: 13.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

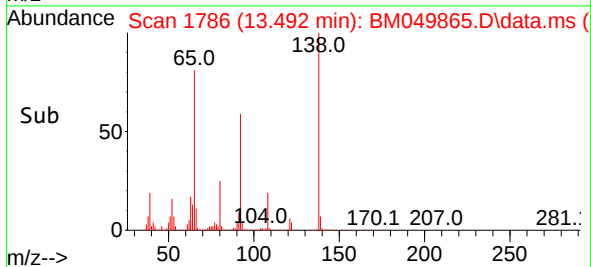
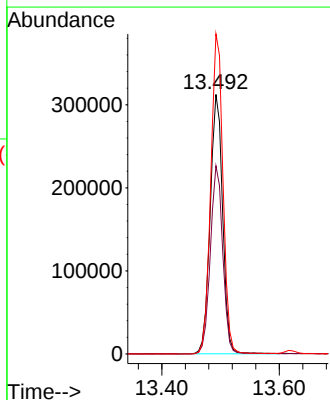
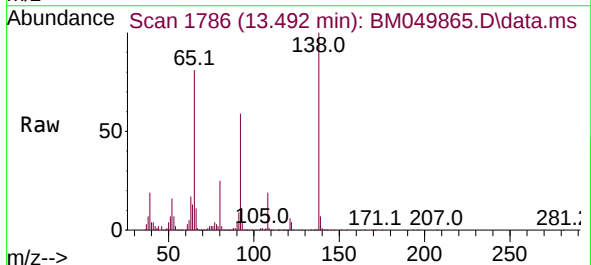
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

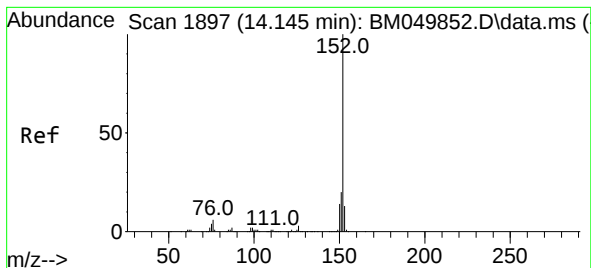
Tgt Ion:162 Resp: 1863914
Ion Ratio Lower Upper
162 100
127 32.6 26.0 39.0
164 33.8 25.9 38.9



#48
2-Nitroaniline
Concen: 49.043 ng
RT: 13.492 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion: 65 Resp: 458167
Ion Ratio Lower Upper
65 100
92 72.5 58.4 87.6
138 123.3 100.8 151.2





#49

Acenaphthylene

Concen: 50.326 ng

RT: 14.139 min Scan# 1896

Delta R.T. -0.006 min

Lab File: BM049865.D

Acq: 09 Apr 2025 13:08

Instrument :

BNA_M

ClientSampleId :

B-158-SB01MS

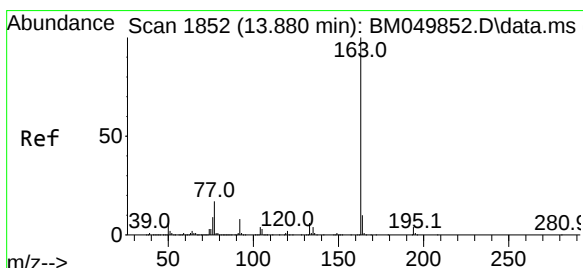
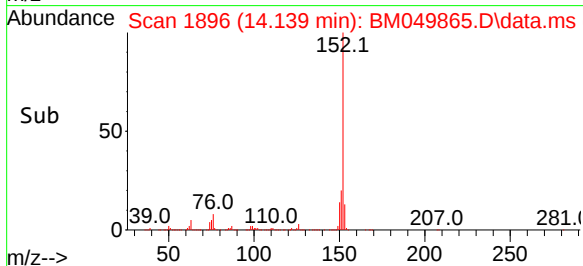
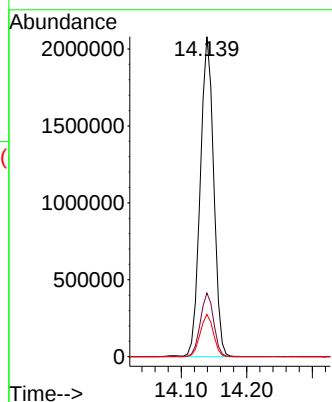
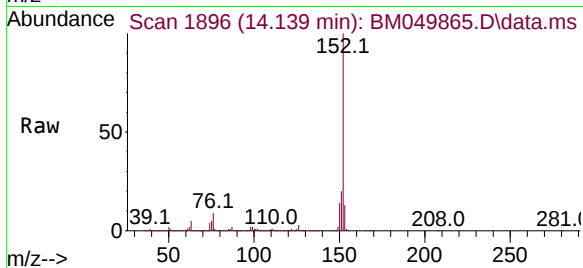
Tgt Ion:152 Resp: 2960303

Ion Ratio Lower Upper

152 100

151 19.9 15.7 23.5

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 46.399 ng

RT: 13.874 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BM049865.D

Acq: 09 Apr 2025 13:08

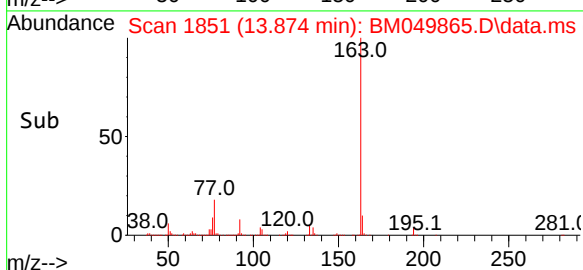
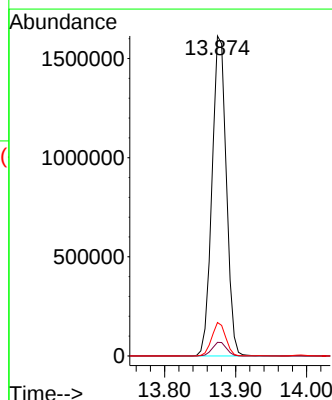
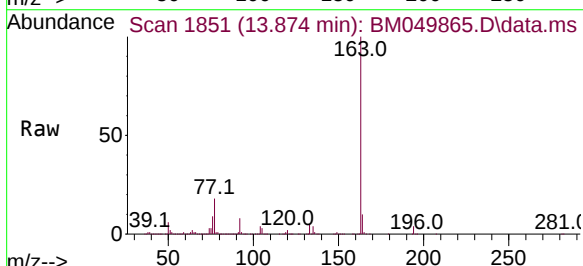
Tgt Ion:163 Resp: 2262384

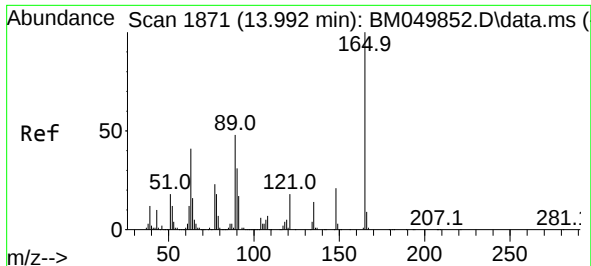
Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 10.4 7.9 11.9

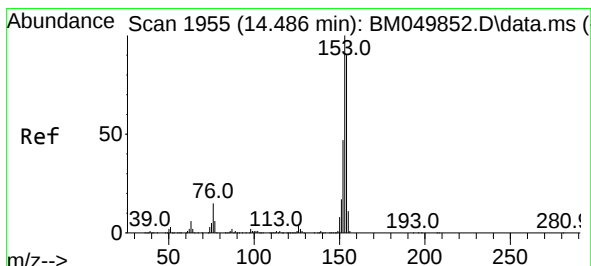
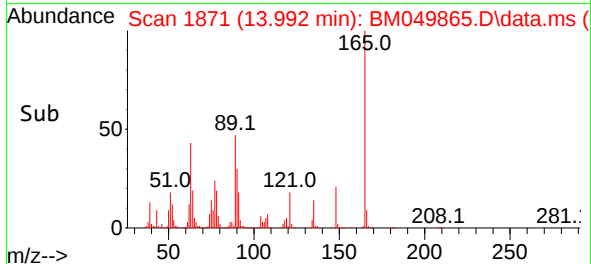
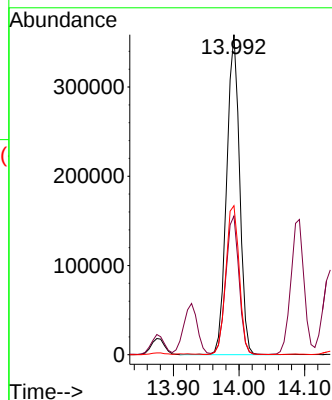
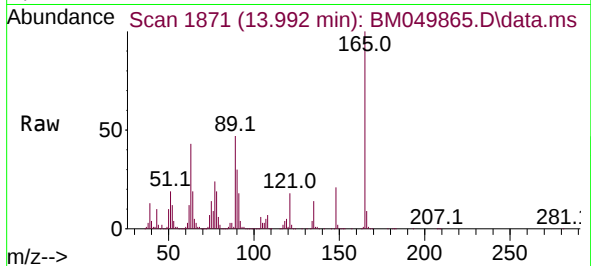




#51
2,6-Dinitrotoluene
Concen: 48.053 ng
RT: 13.992 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

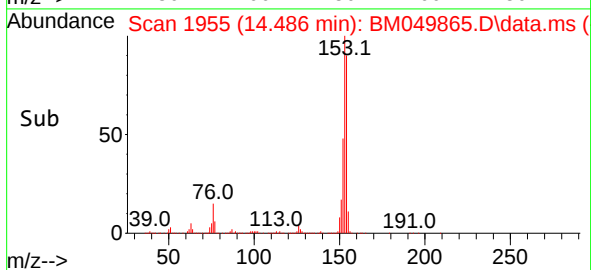
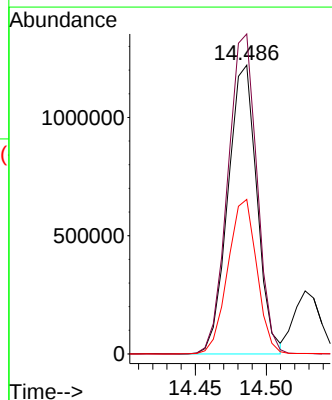
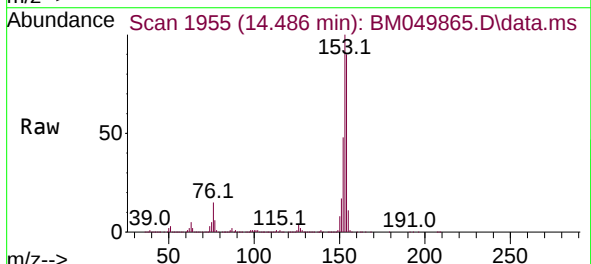
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

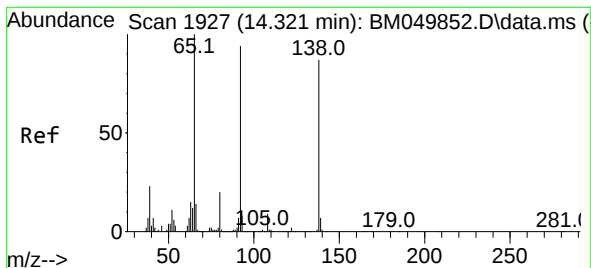
Tgt Ion:165 Resp: 490899
Ion Ratio Lower Upper
165 100
63 43.3 36.1 54.1
89 46.5 38.3 57.5



#52
Acenaphthene
Concen: 46.372 ng
RT: 14.486 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion:154 Resp: 1735053
Ion Ratio Lower Upper
154 100
153 110.8 89.3 133.9
152 53.5 42.2 63.2

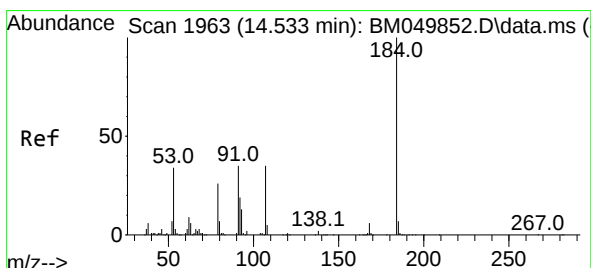
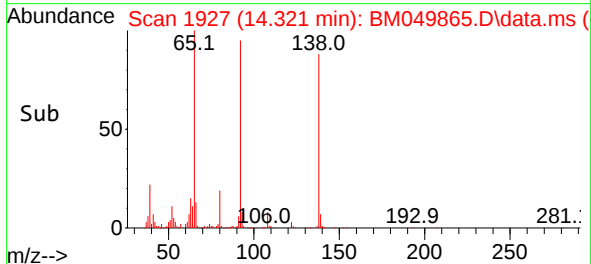
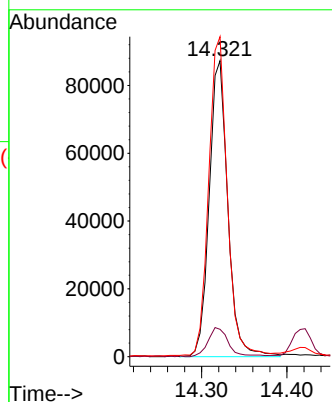
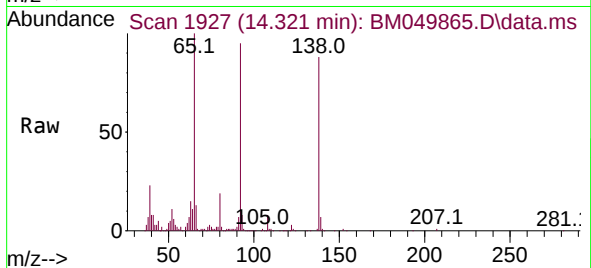




#53
3-Nitroaniline
Concen: 13.440 ng
RT: 14.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

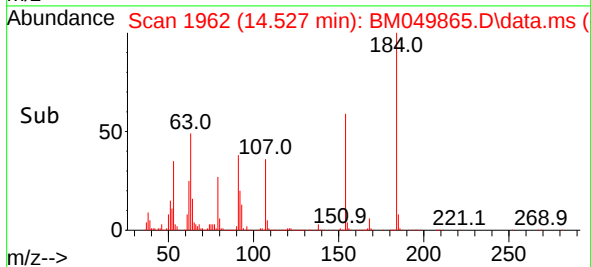
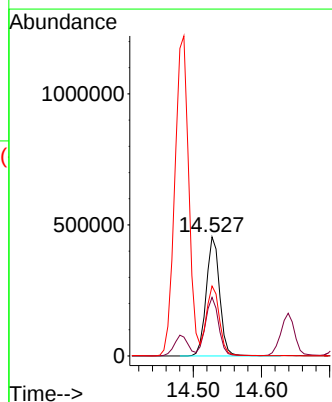
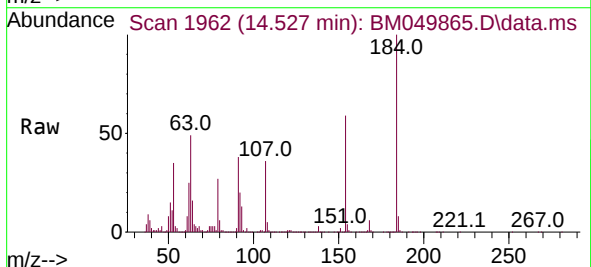
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

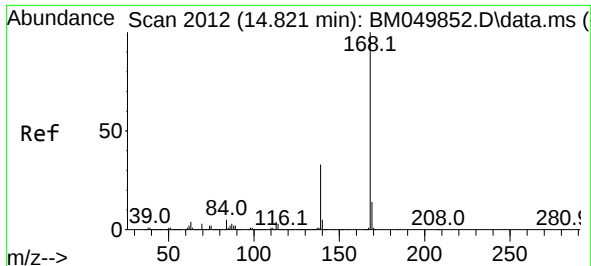
Tgt Ion:138 Resp: 132704
Ion Ratio Lower Upper
138 100
108 9.3 8.1 12.1
92 108.1 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 83.632 ng
RT: 14.527 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion:184 Resp: 621378
Ion Ratio Lower Upper
184 100
63 49.1 38.4 57.6
154 58.7 48.1 72.1

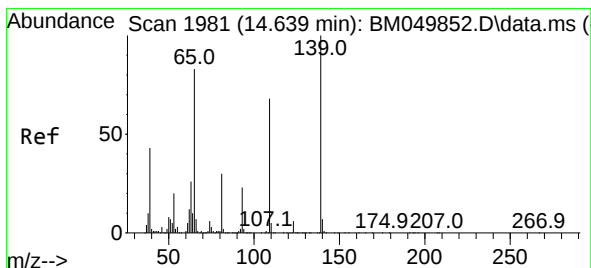
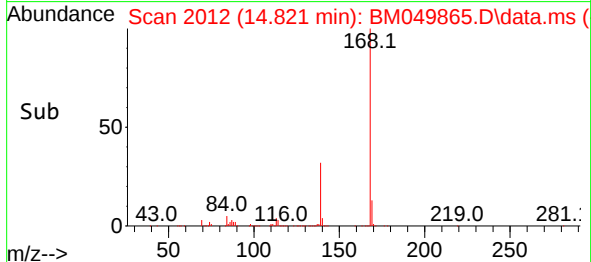
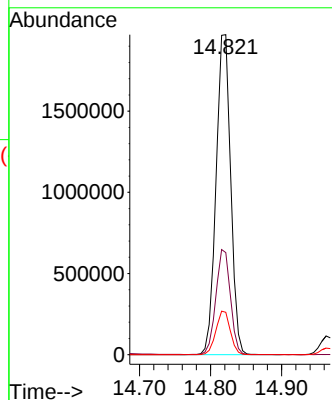
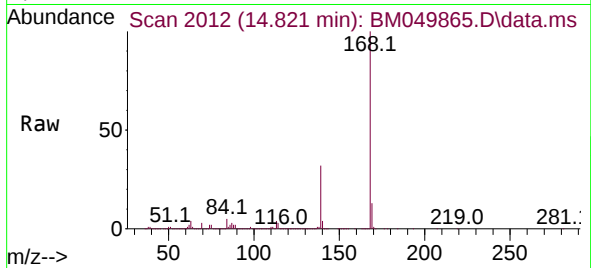




#55
 Dibenzenofuran
 Concen: 44.878 ng
 RT: 14.821 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: BM049865.D
 Acq: 09 Apr 2025 13:08

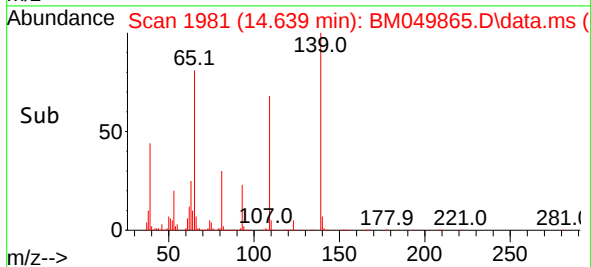
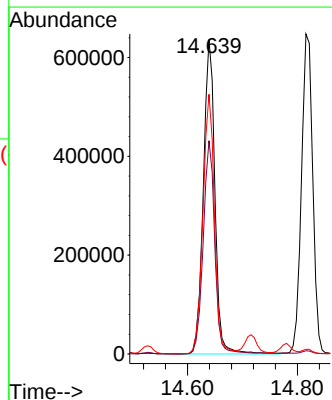
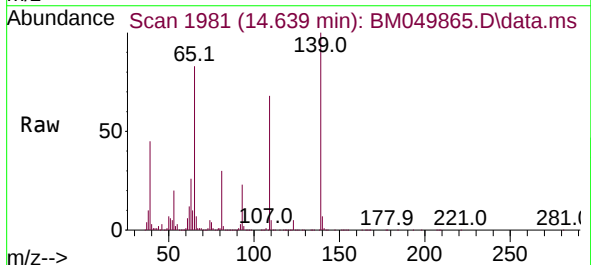
Instrument :
 BNA_M
 ClientSampleId :
 B-158-SB01MS

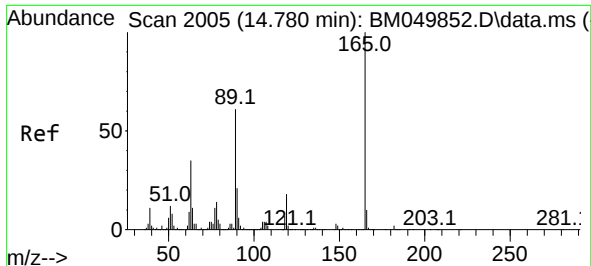
Tgt Ion:168 Resp: 2807021
 Ion Ratio Lower Upper
 168 100
 139 31.9 26.6 39.8
 169 13.3 11.0 16.4



#56
 4-Nitrophenol
 Concen: 105.790 ng
 RT: 14.639 min Scan# 1981
 Delta R.T. 0.000 min
 Lab File: BM049865.D
 Acq: 09 Apr 2025 13:08

Tgt Ion:139 Resp: 930802
 Ion Ratio Lower Upper
 139 100
 109 67.8 47.9 87.9
 65 82.6 62.7 102.7

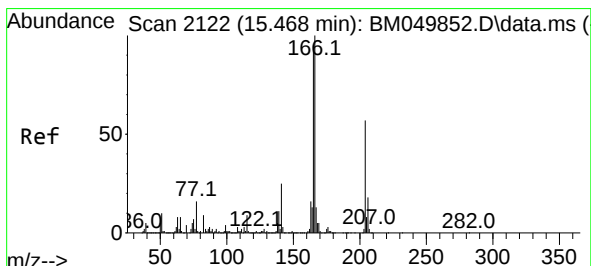
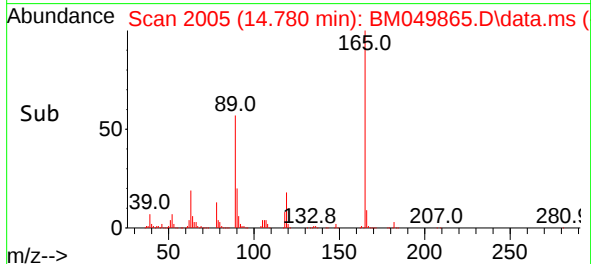
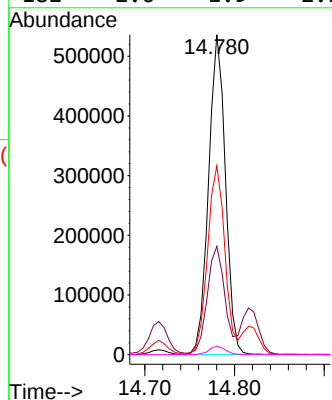
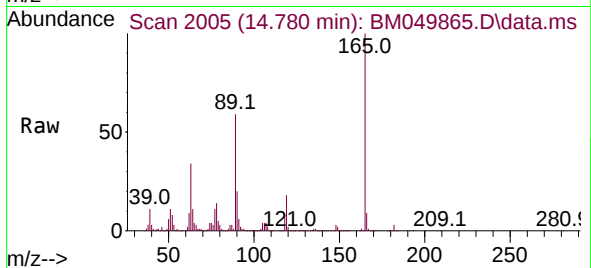




#57
2,4-Dinitrotoluene
Concen: 51.170 ng
RT: 14.780 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

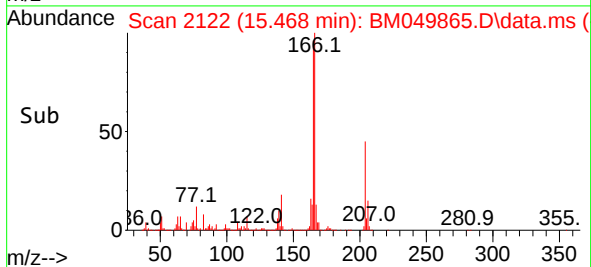
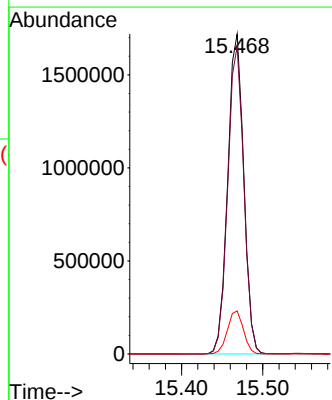
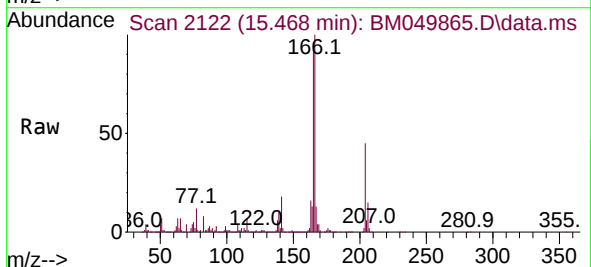
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

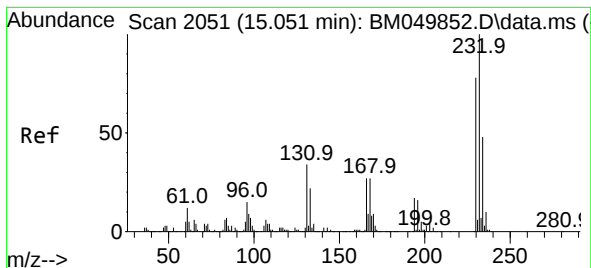
Tgt Ion:165 Resp: 697374
Ion Ratio Lower Upper
165 100
63 33.9 28.6 42.8
89 59.1 49.0 73.6
182 2.6 1.9 2.9



#58
Fluorene
Concen: 47.504 ng
RT: 15.468 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion:166 Resp: 2361809
Ion Ratio Lower Upper
166 100
165 96.1 76.3 114.5
167 13.5 10.7 16.1

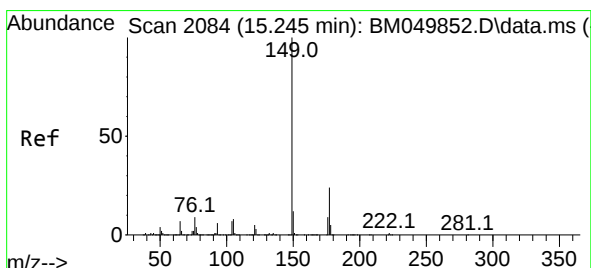
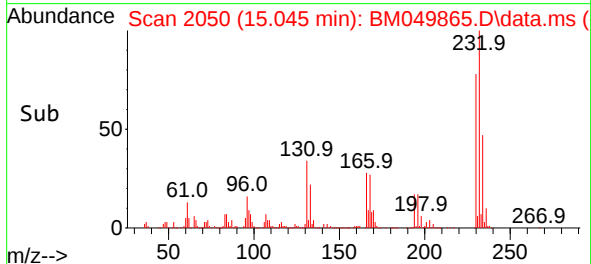
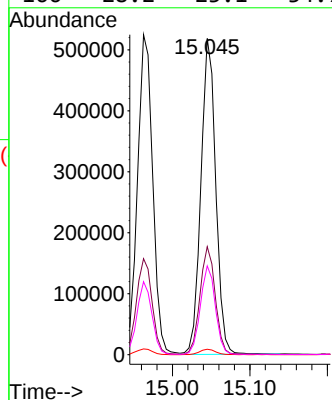
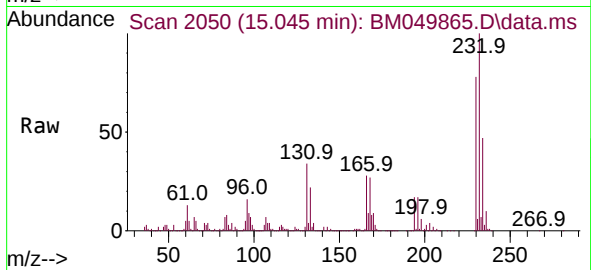




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.041 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

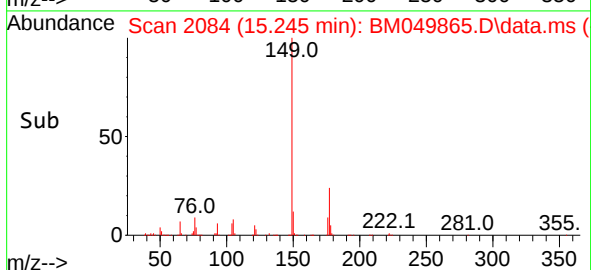
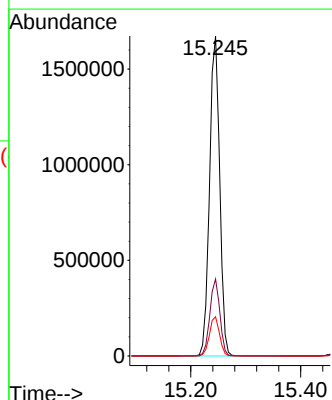
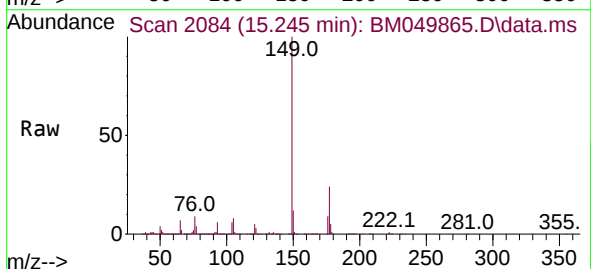
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

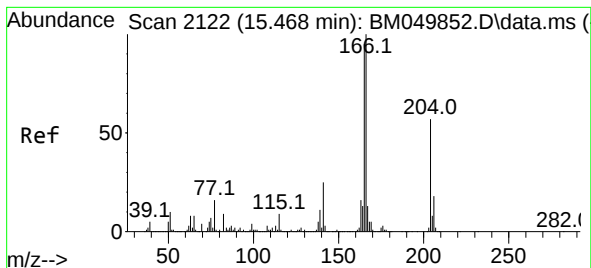
Tgt Ion:232 Resp: 689387
Ion Ratio Lower Upper
232 100
131 35.3 28.4 42.6
130 1.9 1.6 2.4
166 28.2 23.1 34.7



#60
Diethylphthalate
Concen: 45.556 ng
RT: 15.245 min Scan# 2084
Delta R.T. 0.000 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion:149 Resp: 2130155
Ion Ratio Lower Upper
149 100
177 24.1 19.0 28.4
150 12.2 9.7 14.5

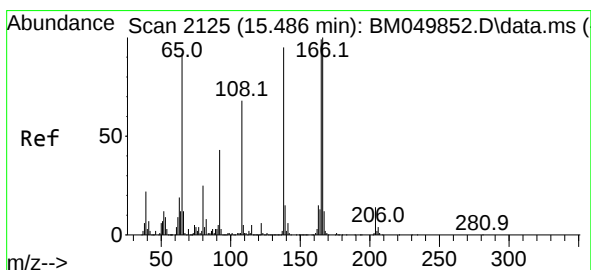
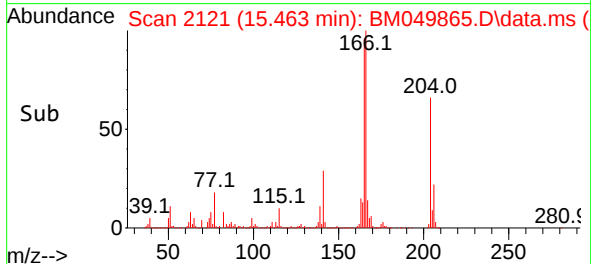
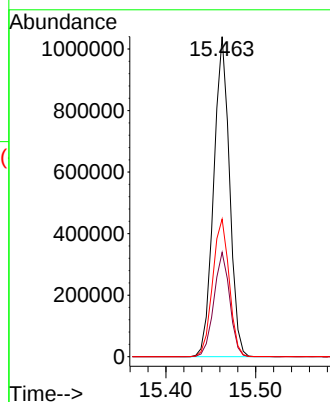
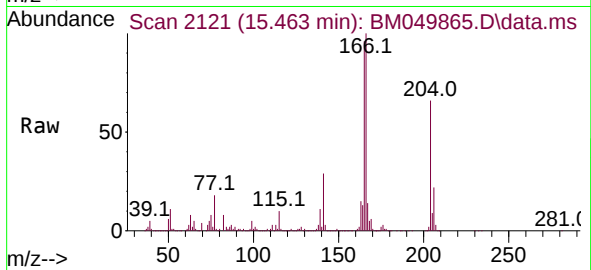




#61
4-Chlorophenyl-phenylether
Concen: 47.847 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

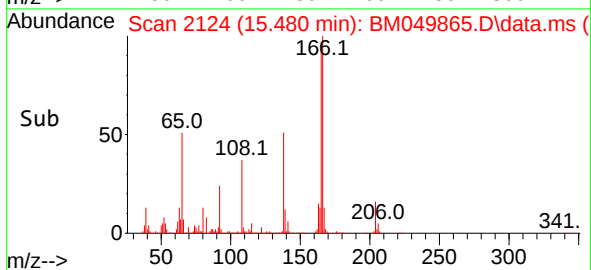
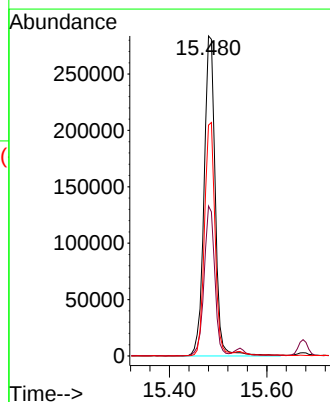
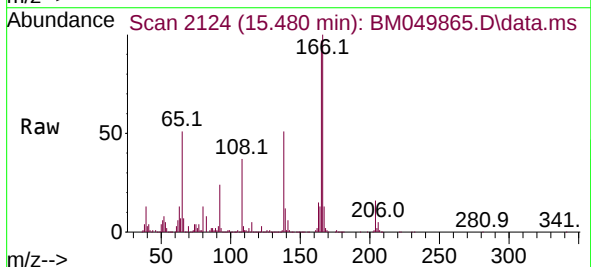
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

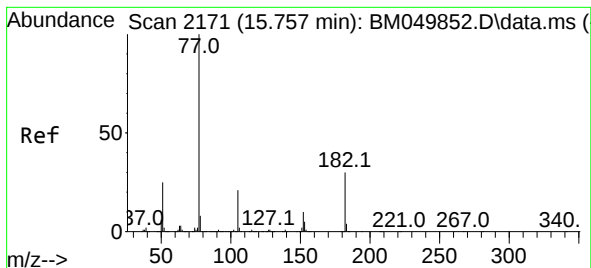
Tgt Ion:204 Resp: 1275390
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 43.0 35.0 52.6



#62
4-Nitroaniline
Concen: 44.266 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion:138 Resp: 451987
Ion Ratio Lower Upper
138 100
92 46.9 24.9 64.9
108 72.1 51.7 91.7

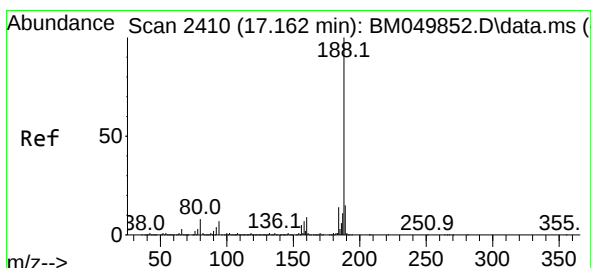
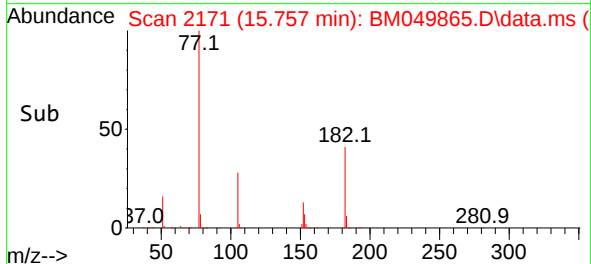
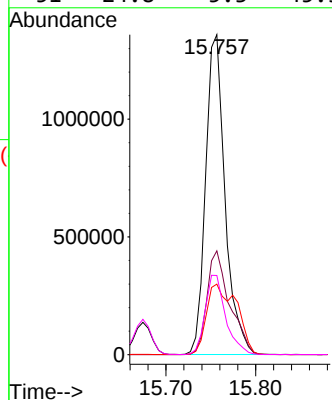
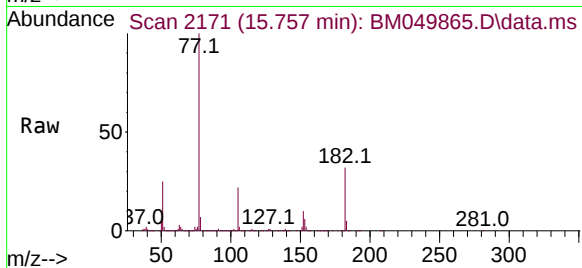




#63
Azobenzene
Concen: 51.031 ng
RT: 15.757 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

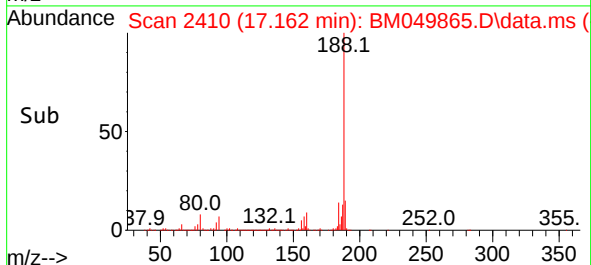
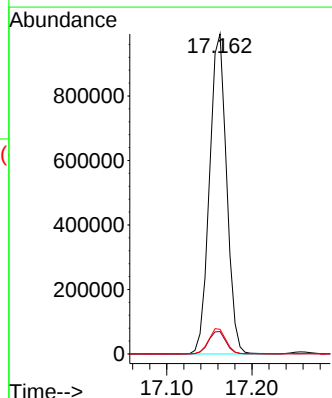
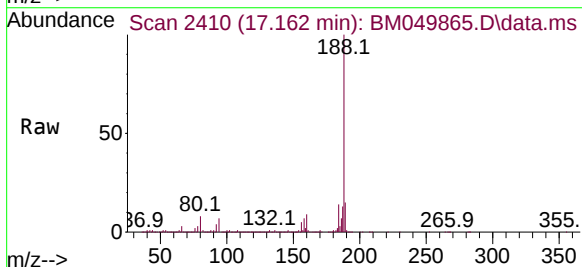
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

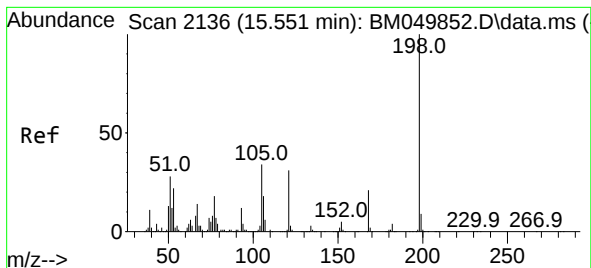
Tgt Ion: 77 Resp: 2042909
Ion Ratio Lower Upper
77 100
182 32.4 10.4 50.4
105 22.0 1.5 41.5
51 24.8 5.3 45.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.162 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion:188 Resp: 1385053
Ion Ratio Lower Upper
188 100
94 7.0 5.8 8.6
80 7.7 6.4 9.6

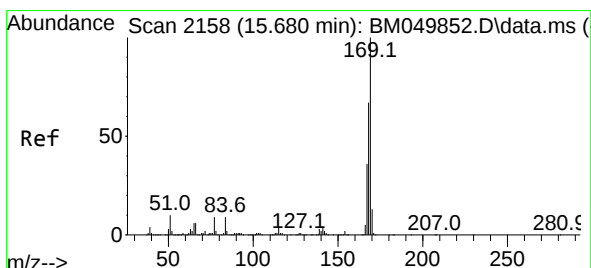
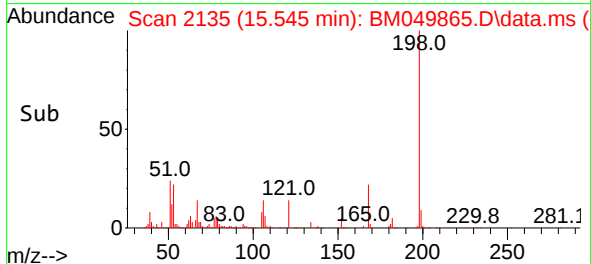
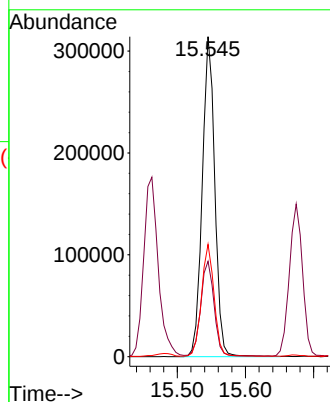
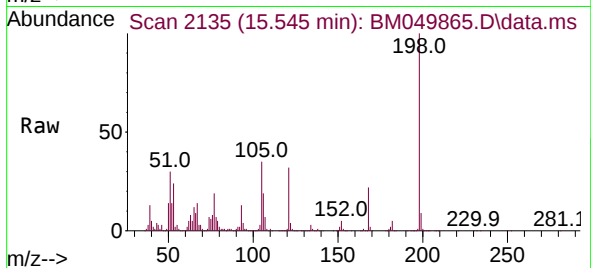




#65
4,6-Dinitro-2-methylphenol
Concen: 46.011 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

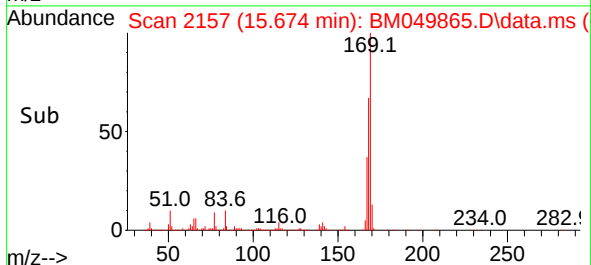
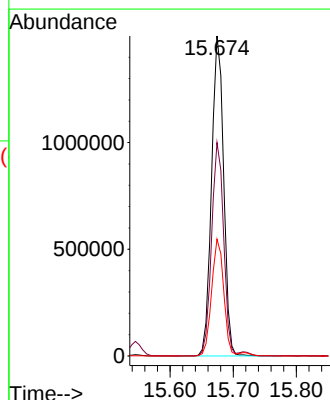
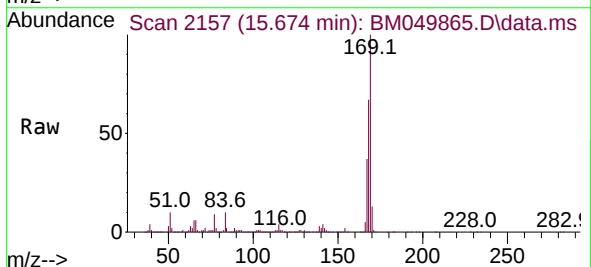
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

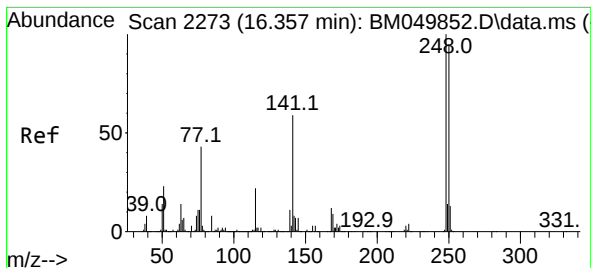
Tgt Ion:198 Resp: 401583
Ion Ratio Lower Upper
198 100
51 29.8 9.6 49.6
105 35.1 14.7 54.7



#66
n-Nitrosodiphenylamine
Concen: 48.064 ng
RT: 15.674 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion:169 Resp: 1992233
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.2
167 36.5 29.0 43.6

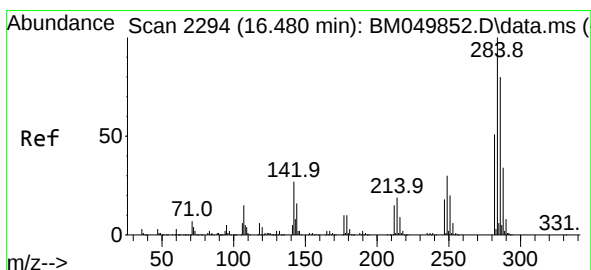
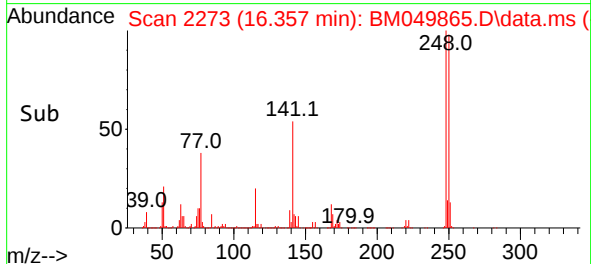
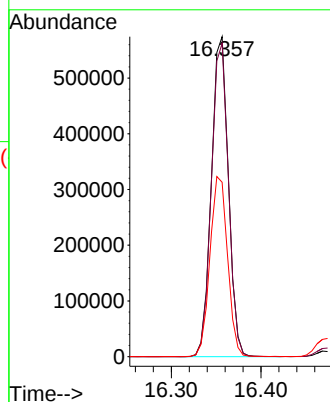
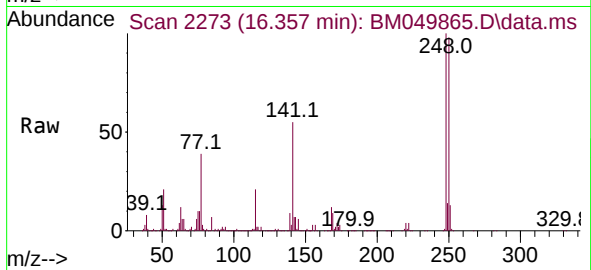




#67
4-Bromophenyl-phenylether
Concen: 46.973 ng
RT: 16.357 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

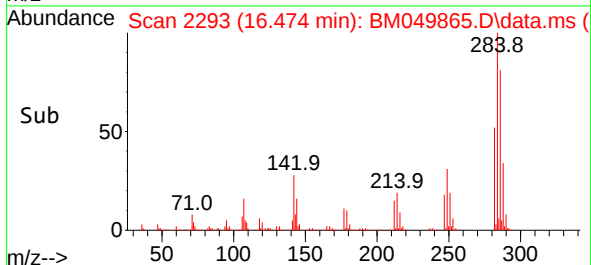
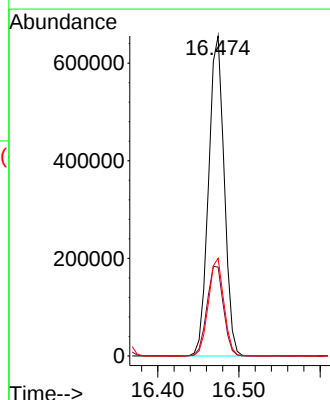
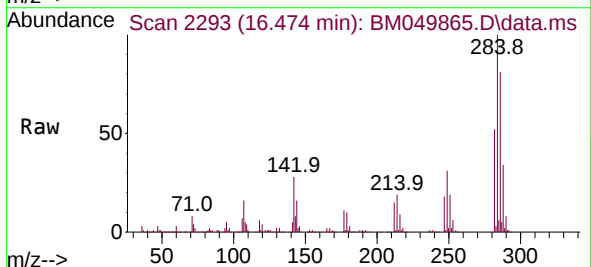
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

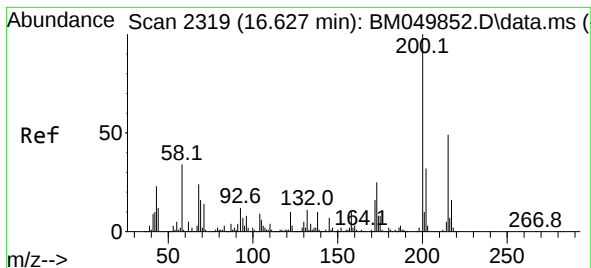
Tgt Ion:248 Resp: 755272
Ion Ratio Lower Upper
248 100
250 97.9 76.2 114.2
141 54.5 47.3 70.9



#68
Hexachlorobenzene
Concen: 47.416 ng
RT: 16.474 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion:284 Resp: 874487
Ion Ratio Lower Upper
284 100
142 27.8 21.2 31.8
249 30.6 24.1 36.1





#69

Atrazine

Concen: 67.619 ng

RT: 16.627 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049865.D

Acq: 09 Apr 2025 13:08

Instrument :

BNA_M

ClientSampleId :

B-158-SB01MS

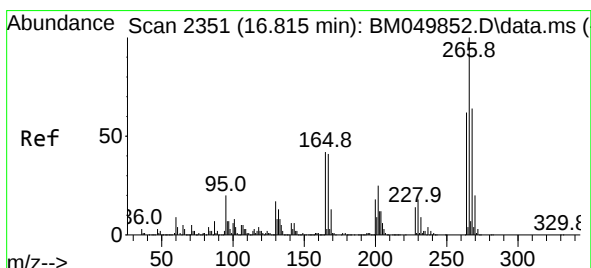
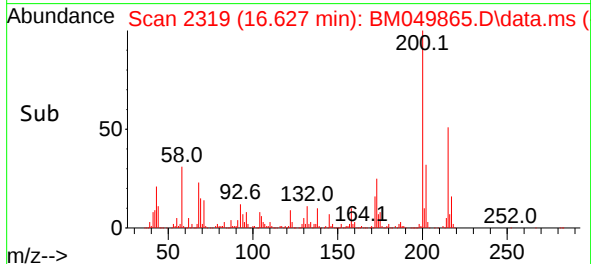
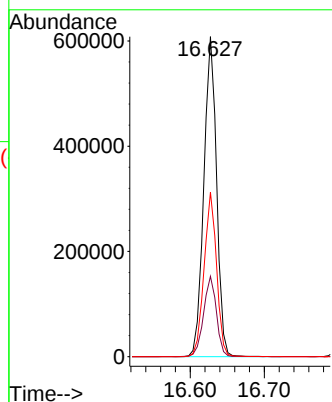
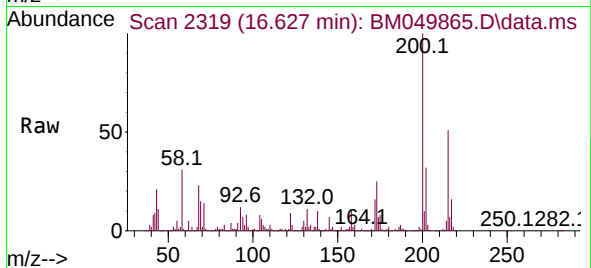
Tgt Ion:200 Resp: 726702

Ion Ratio Lower Upper

200 100

173 25.1 5.4 45.4

215 51.4 29.0 69.0



#70

Pentachlorophenol

Concen: 96.951 ng

RT: 16.815 min Scan# 2351

Delta R.T. 0.000 min

Lab File: BM049865.D

Acq: 09 Apr 2025 13:08

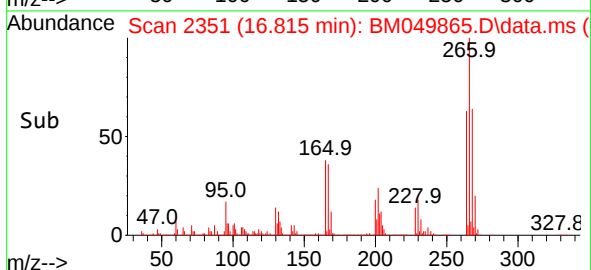
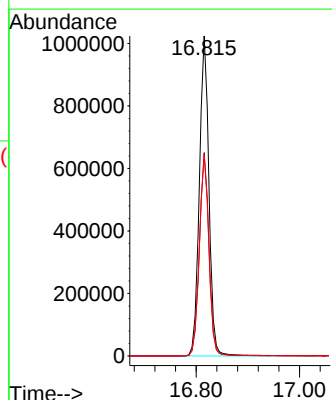
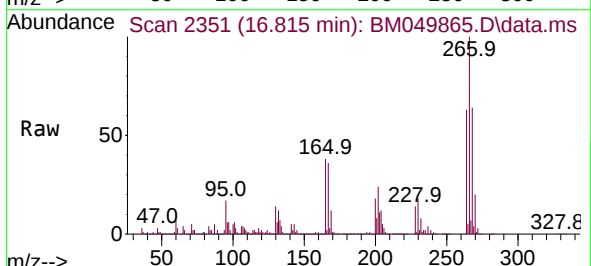
Tgt Ion:266 Resp: 1316399

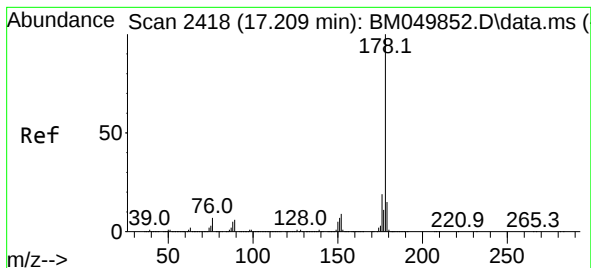
Ion Ratio Lower Upper

266 100

268 63.6 51.4 77.2

264 62.9 49.8 74.8

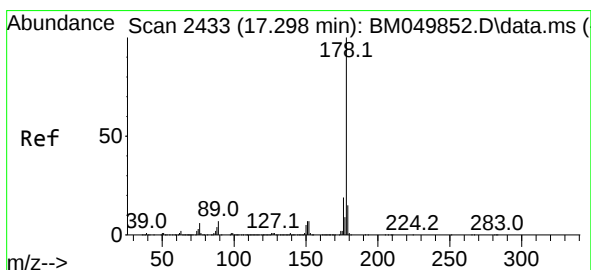
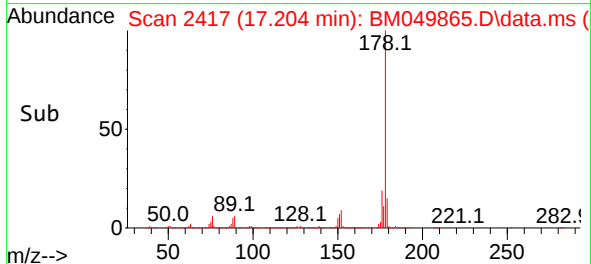
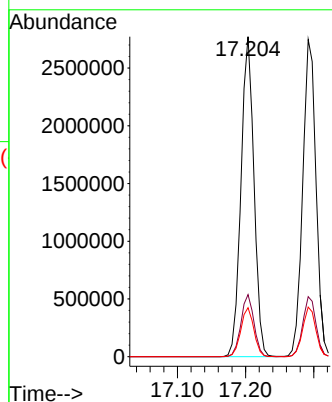
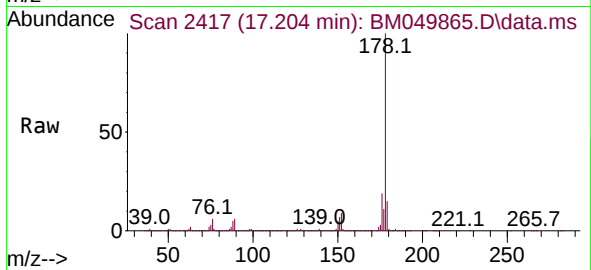




#71
Phenanthrene
Concen: 48.263 ng
RT: 17.204 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

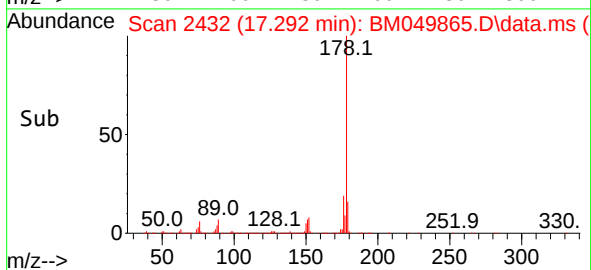
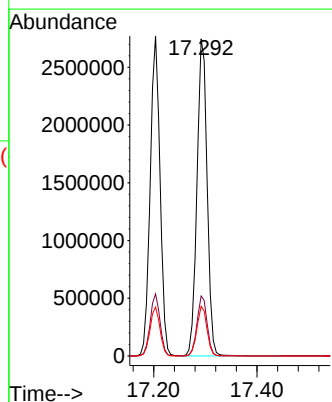
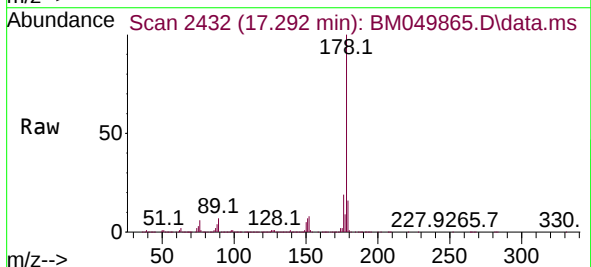
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

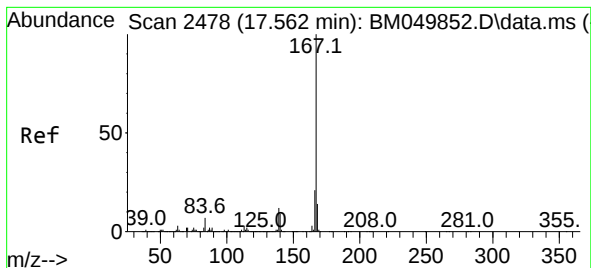
Tgt Ion:178 Resp: 3664770
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.3 12.3 18.5



#72
Anthracene
Concen: 49.950 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion:178 Resp: 3737841
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.7 12.4 18.6





#73

Carbazole

Concen: 48.588 ng

RT: 17.562 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM049865.D

Acq: 09 Apr 2025 13:08

Instrument :

BNA_M

ClientSampleId :

B-158-SB01MS

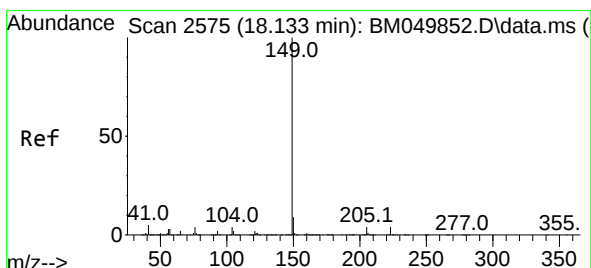
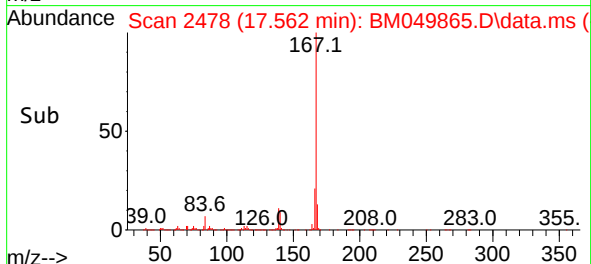
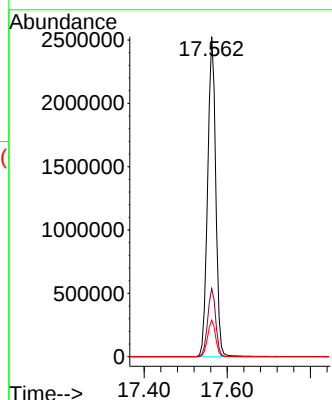
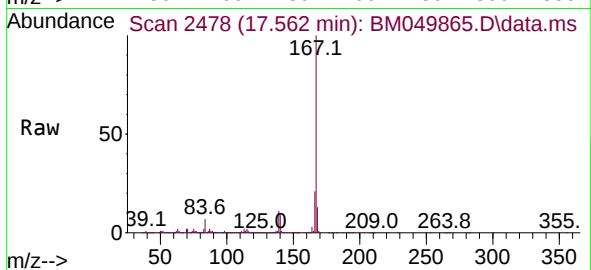
Tgt Ion:167 Resp: 3424599

Ion Ratio Lower Upper

167 100

166 21.3 16.9 25.3

139 11.5 9.3 13.9



#74

Di-n-butylphthalate

Concen: 46.773 ng

RT: 18.133 min Scan# 2575

Delta R.T. 0.000 min

Lab File: BM049865.D

Acq: 09 Apr 2025 13:08

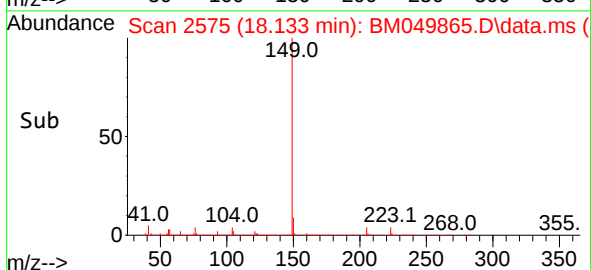
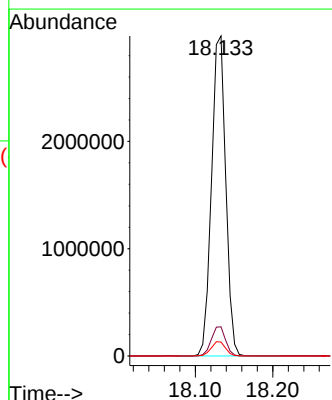
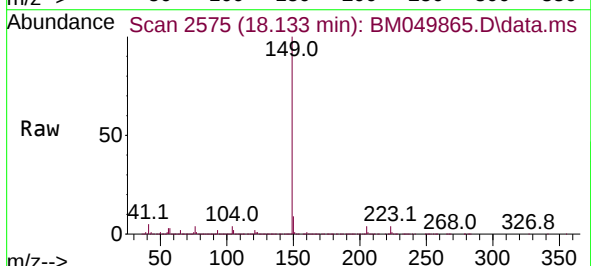
Tgt Ion:149 Resp: 3797075

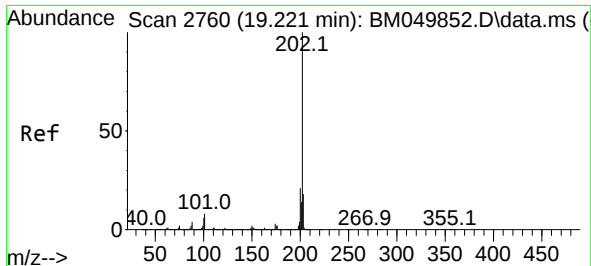
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 4.4 3.5 5.3

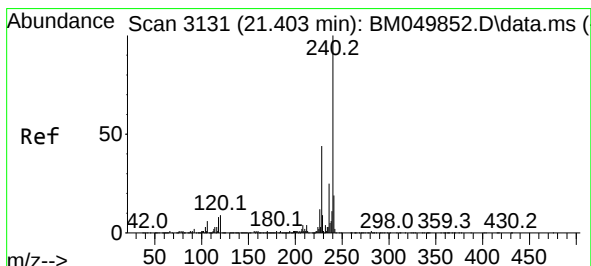
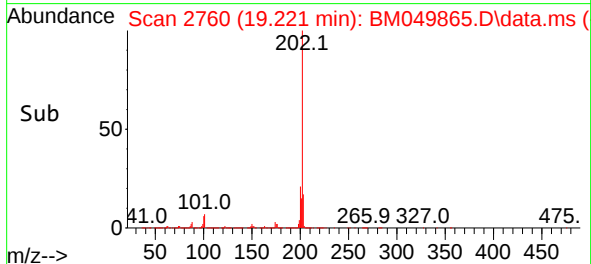
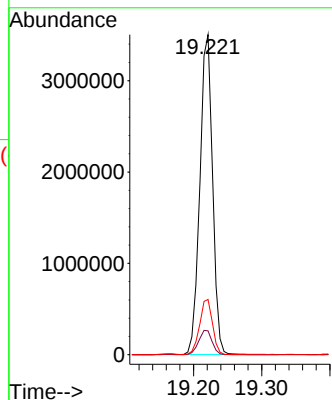
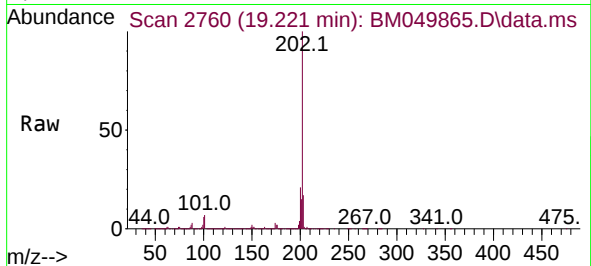




#75
Fluoranthene
Concen: 48.432 ng
RT: 19.221 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

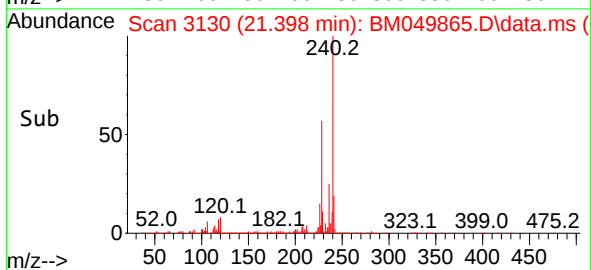
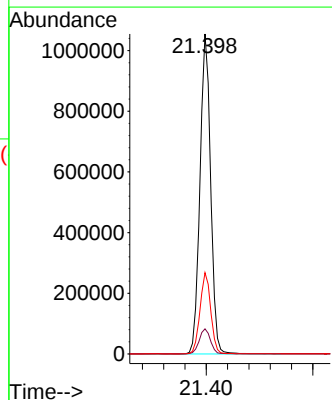
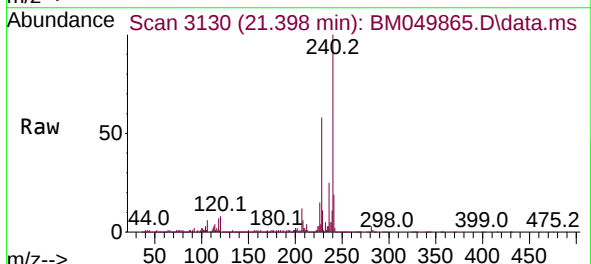
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

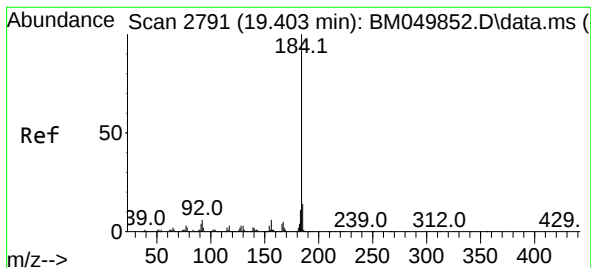
Tgt Ion:202 Resp: 4521849
Ion Ratio Lower Upper
202 100
101 7.5 0.0 28.4
203 17.2 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion:240 Resp: 1462184
Ion Ratio Lower Upper
240 100
120 7.9 6.9 10.3
236 25.4 20.4 30.6





#77

Benzidine

Concen: 93.676 ng

RT: 19.404 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049865.D

Acq: 09 Apr 2025 13:08

Instrument :

BNA_M

ClientSampleId :

B-158-SB01MS

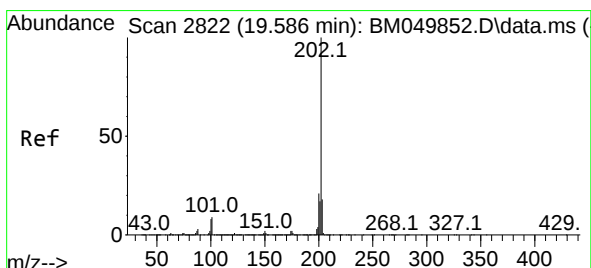
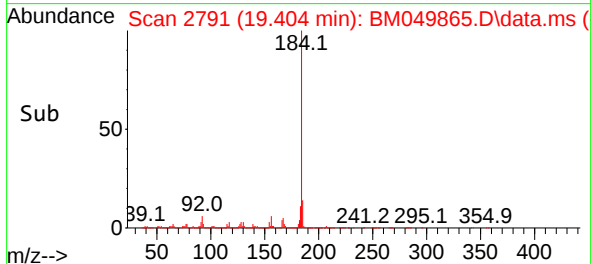
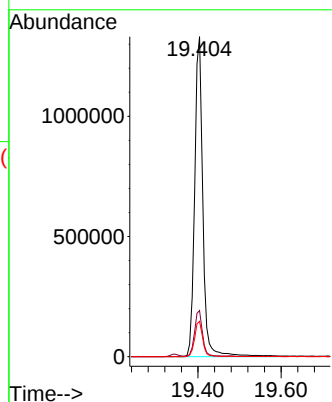
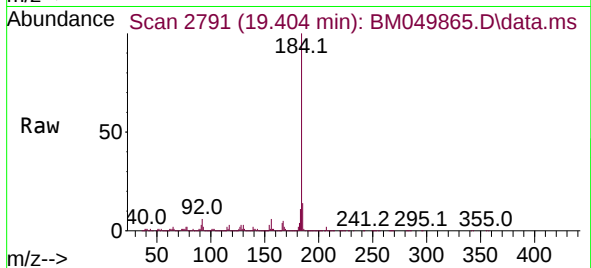
Tgt Ion:184 Resp: 1817127

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.2

183 11.0 8.8 13.2



#78

Pyrene

Concen: 46.963 ng

RT: 19.580 min Scan# 2821

Delta R.T. -0.006 min

Lab File: BM049865.D

Acq: 09 Apr 2025 13:08

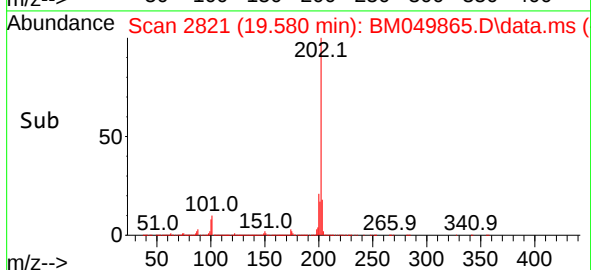
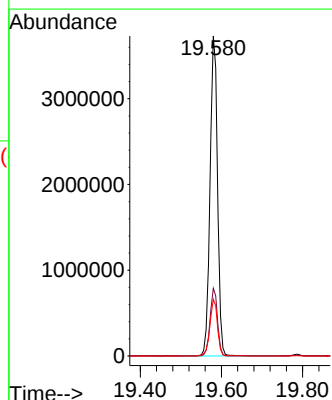
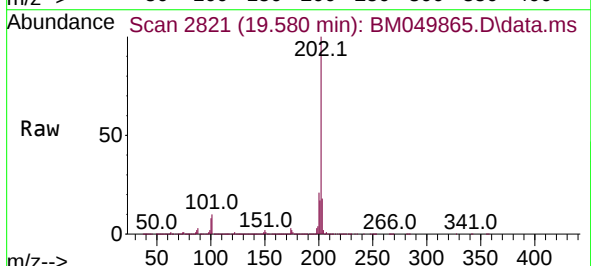
Tgt Ion:202 Resp: 4732548

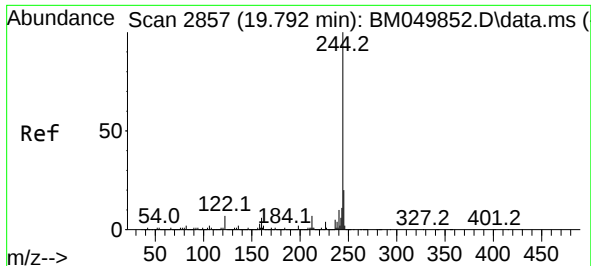
Ion Ratio Lower Upper

202 100

200 21.2 16.5 24.7

203 17.7 14.0 21.0

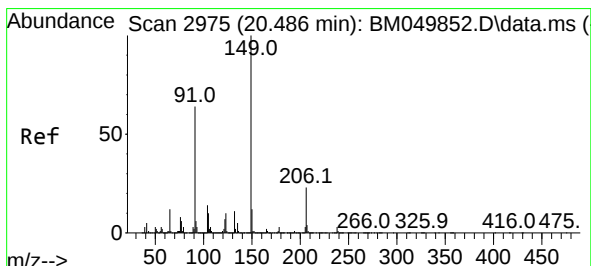
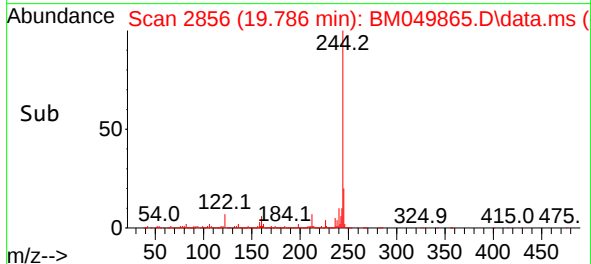
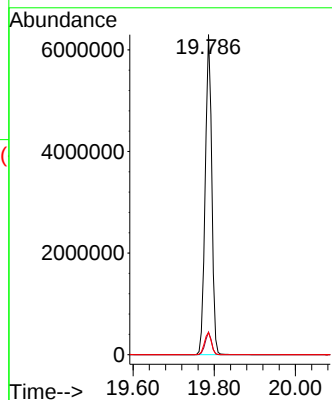
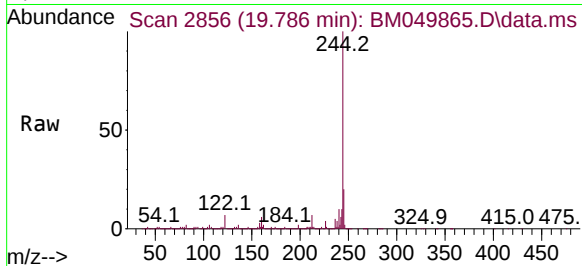




#79
 Terphenyl-d14
 Concen: 89.436 ng
 RT: 19.786 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM049865.D
 Acq: 09 Apr 2025 13:08

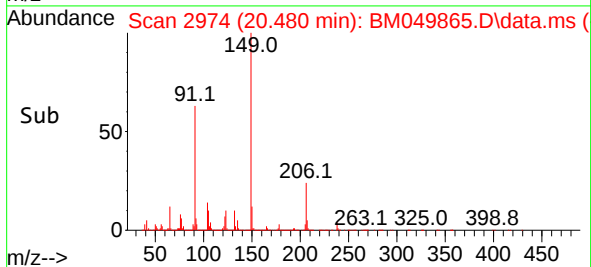
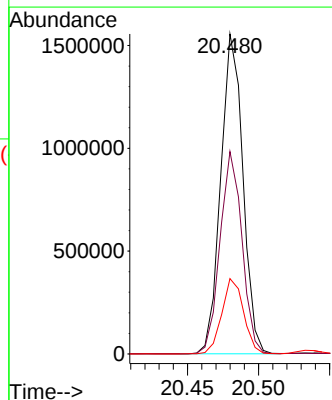
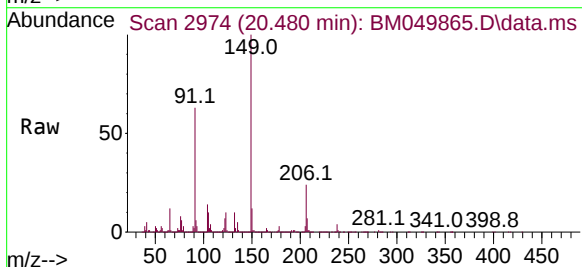
Instrument :
 BNA_M
 ClientSampleId :
 B-158-SB01MS

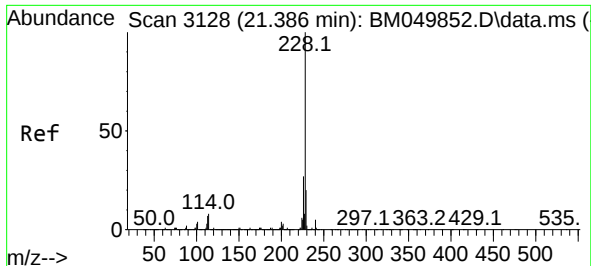
Tgt Ion:244 Resp: 6978001
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 7.0 5.4 8.0



#80
 Butylbenzylphthalate
 Concen: 44.444 ng
 RT: 20.480 min Scan# 2974
 Delta R.T. -0.006 min
 Lab File: BM049865.D
 Acq: 09 Apr 2025 13:08

Tgt Ion:149 Resp: 1682886
 Ion Ratio Lower Upper
 149 100
 91 63.3 50.9 76.3
 206 23.5 18.4 27.6

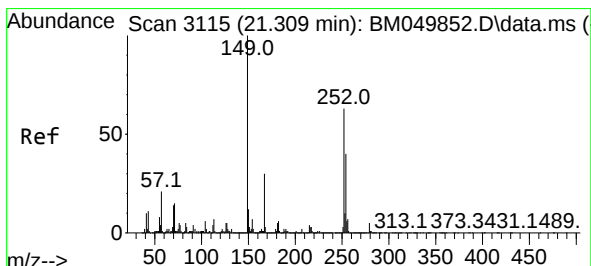
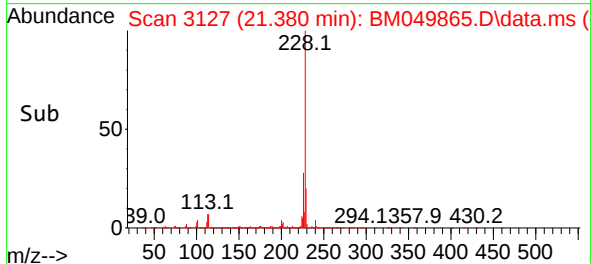
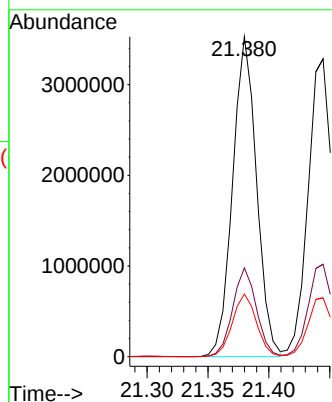
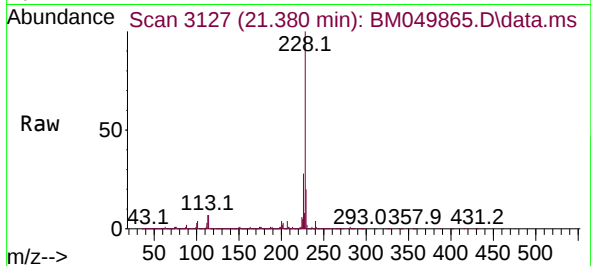




#81
Benzo(a)anthracene
Concen: 49.640 ng
RT: 21.380 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

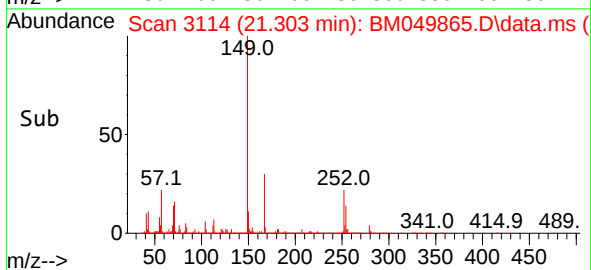
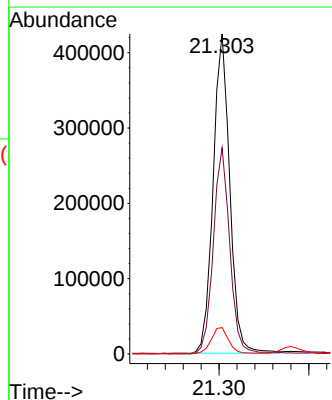
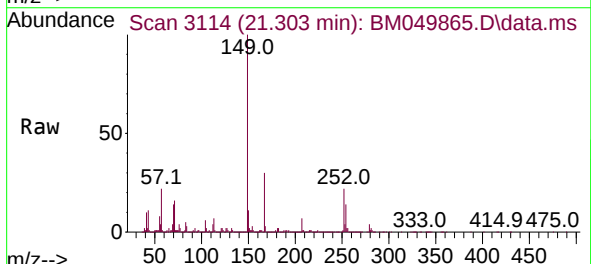
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

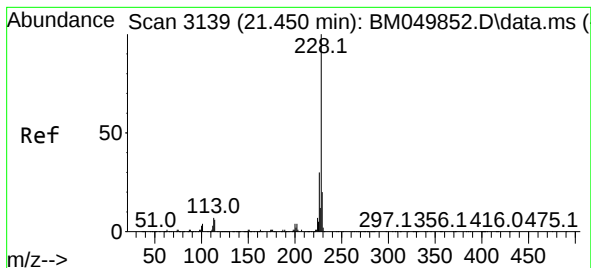
Tgt Ion:228 Resp: 4823789
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.8
229 19.6 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 14.857 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion:252 Resp: 545235
Ion Ratio Lower Upper
252 100
254 64.4 51.5 77.3
126 8.3 6.3 9.5





#83

Chrysene

Concen: 50.056 ng

RT: 21.445 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BM049865.D

Acq: 09 Apr 2025 13:08

Instrument :

BNA_M

ClientSampleId :

B-158-SB01MS

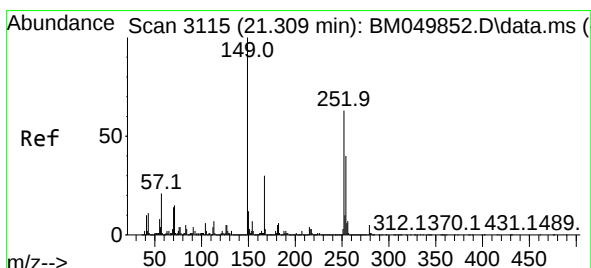
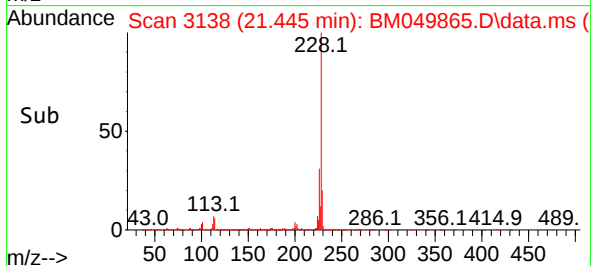
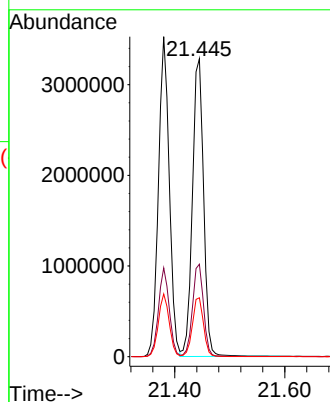
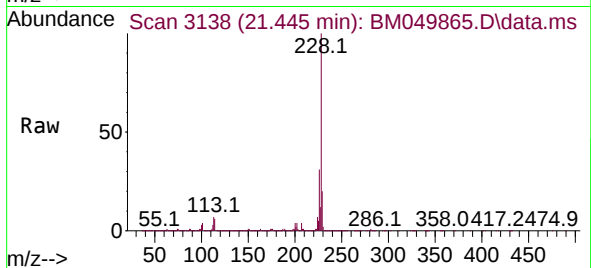
Tgt Ion:228 Resp: 4624441

Ion Ratio Lower Upper

228 100

226 31.0 24.1 36.1

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.643 ng

RT: 21.309 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BM049865.D

Acq: 09 Apr 2025 13:08

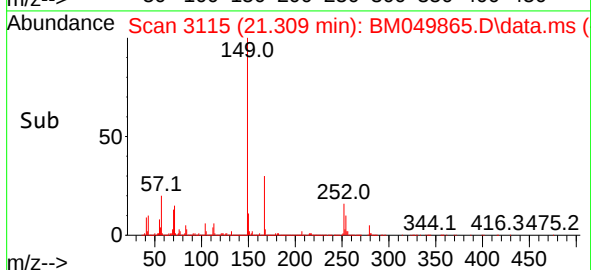
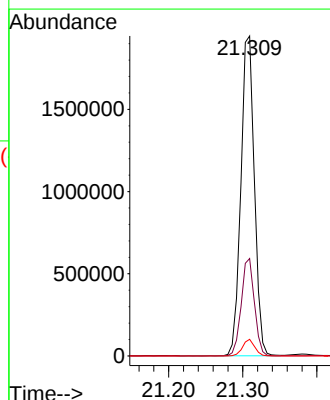
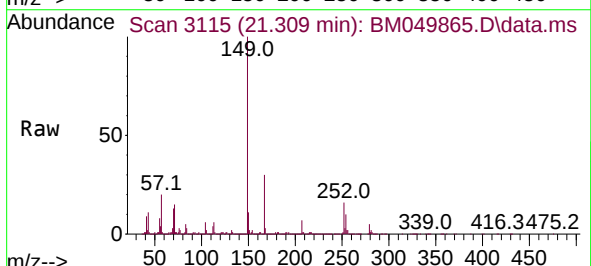
Tgt Ion:149 Resp: 2462859

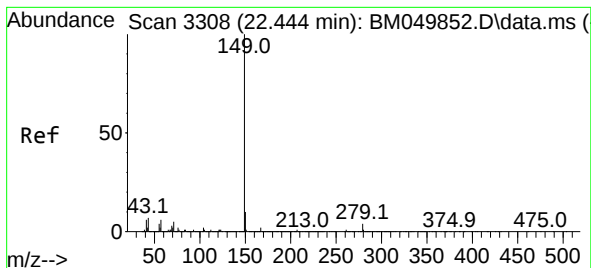
Ion Ratio Lower Upper

149 100

167 30.4 23.8 35.6

279 5.2 3.8 5.8

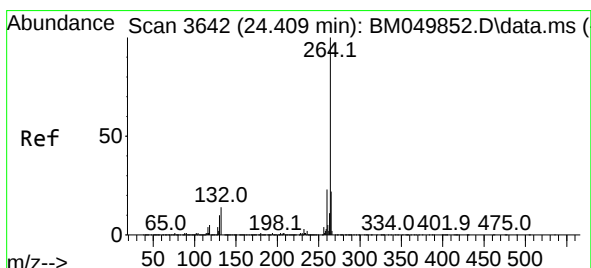
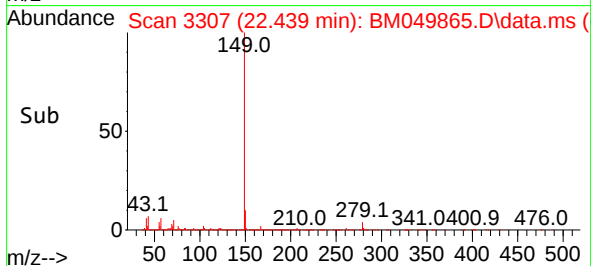
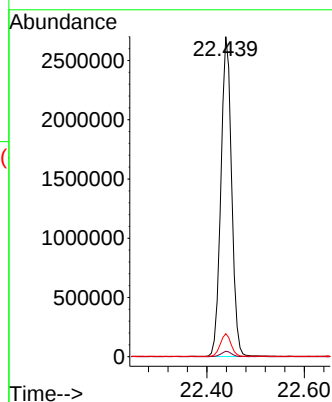
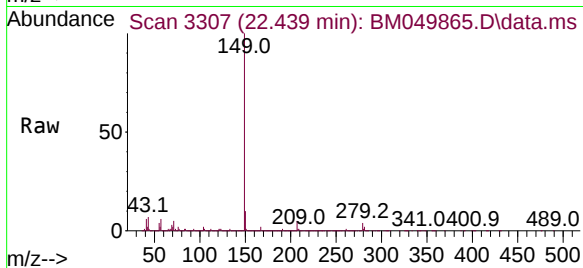




#85
Di-n-octyl phthalate
Concen: 42.944 ng
RT: 22.439 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

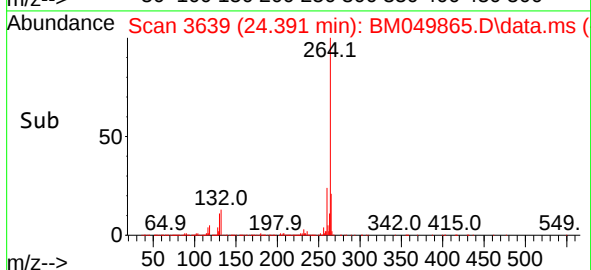
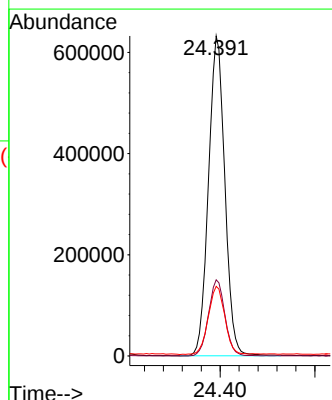
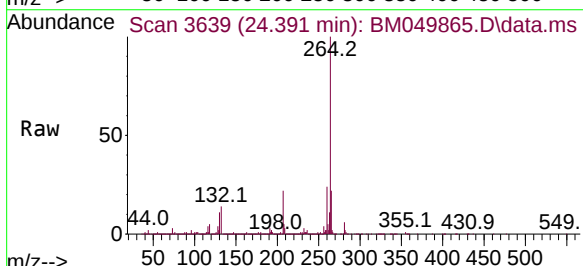
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

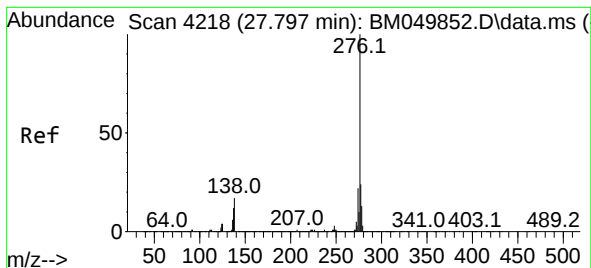
Tgt Ion:149 Resp: 4144598
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.0 5.8 8.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.391 min Scan# 3639
Delta R.T. -0.018 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion:264 Resp: 1514539
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 21.8 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.205 ng

RT: 27.779 min Scan# 41

Delta R.T. -0.018 min

Lab File: BM049865.D

Acq: 09 Apr 2025 13:08

Instrument :

BNA_M

ClientSampleId :

B-158-SB01MS

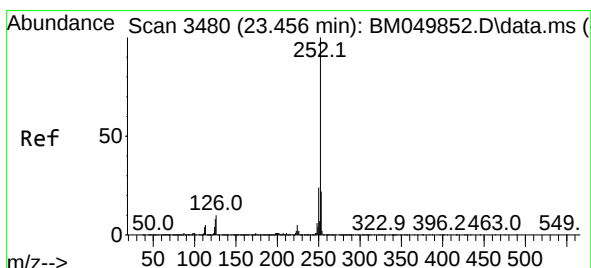
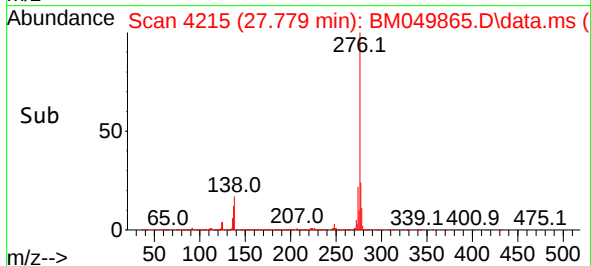
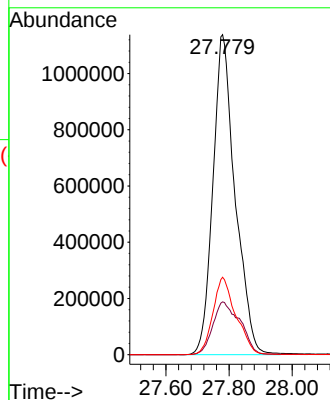
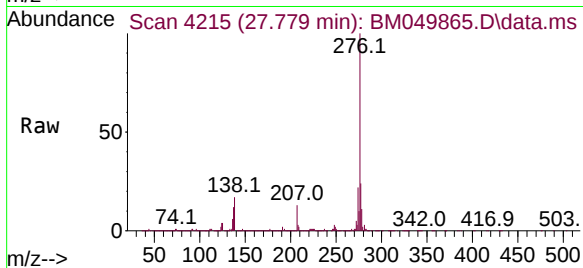
Tgt Ion:276 Resp: 5555016

Ion Ratio Lower Upper

276 100

138 20.3 16.8 25.2

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 50.145 ng

RT: 23.450 min Scan# 3479

Delta R.T. -0.006 min

Lab File: BM049865.D

Acq: 09 Apr 2025 13:08

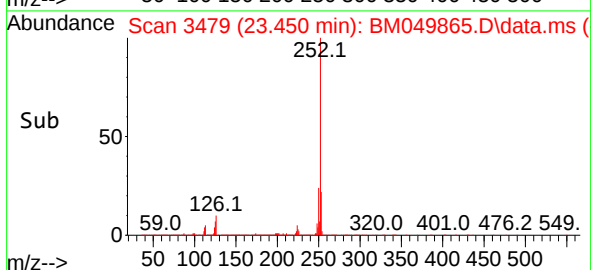
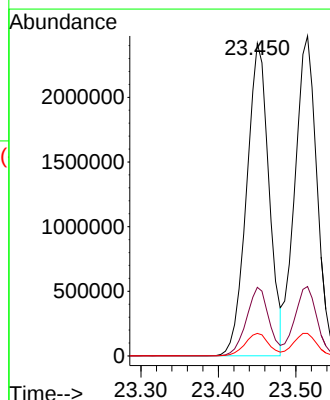
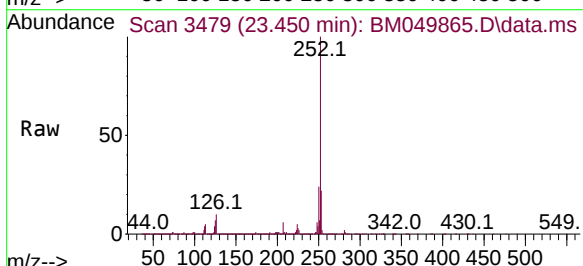
Tgt Ion:252 Resp: 4850380

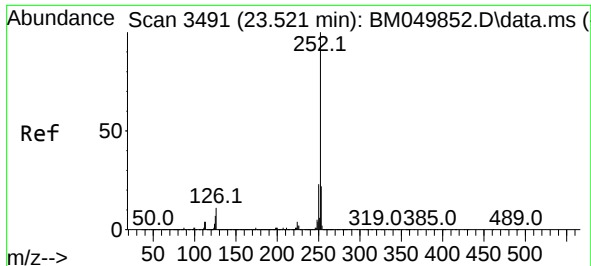
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 7.2 6.2 9.4

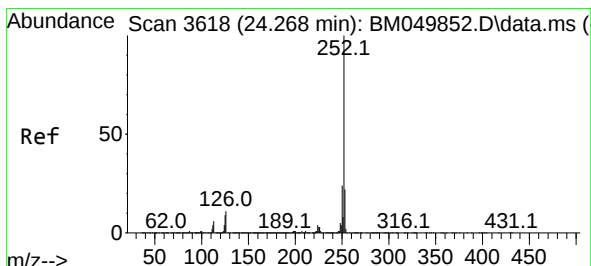
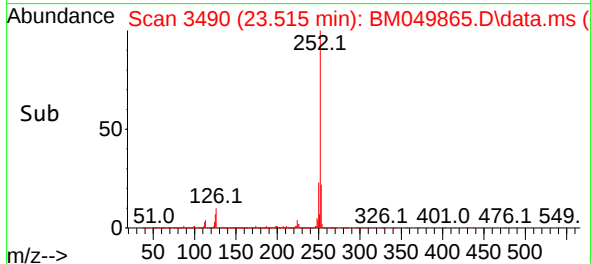
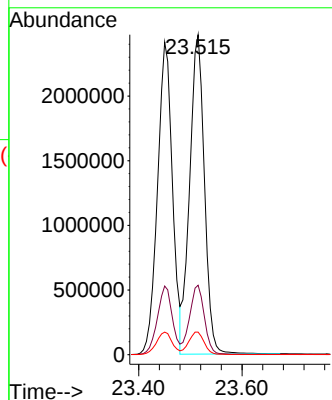
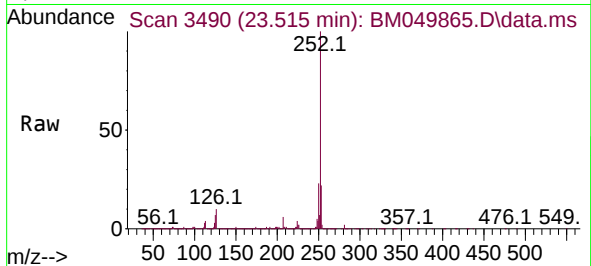




#89
Benzo(k)fluoranthene
Concen: 52.250 ng
RT: 23.515 min Scan# 3491
Delta R.T. -0.006 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

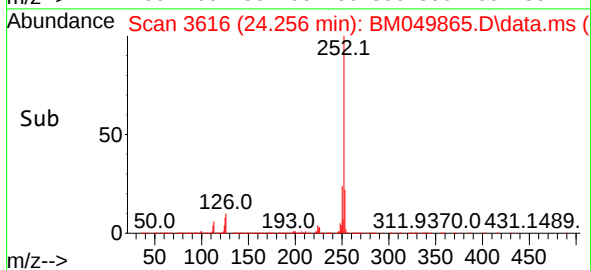
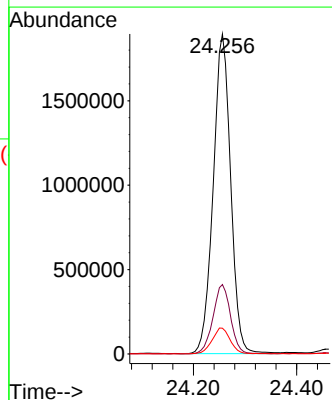
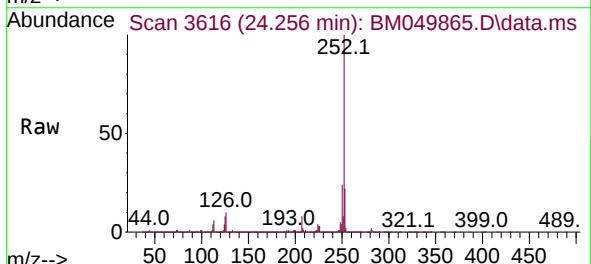
Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

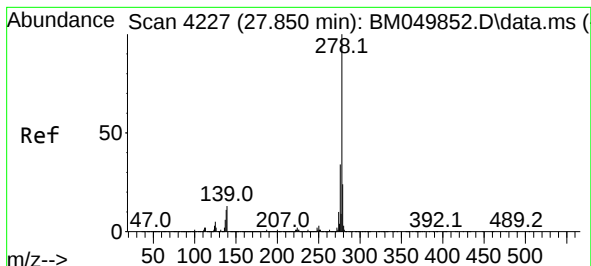
Tgt Ion:252 Resp: 4897679
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 7.0 5.8 8.8



#90
Benzo(a)pyrene
Concen: 52.256 ng
RT: 24.256 min Scan# 3616
Delta R.T. -0.012 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion:252 Resp: 4441609
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 8.1 7.0 10.4

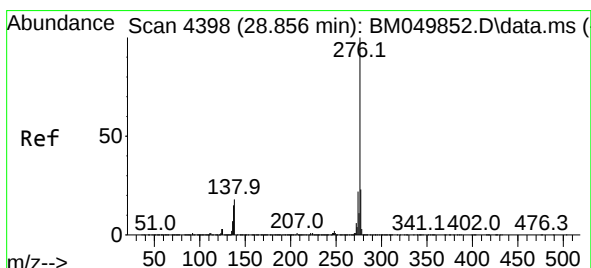
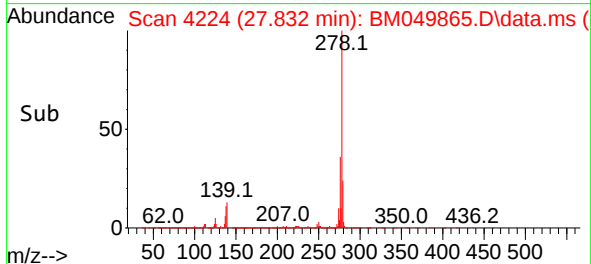
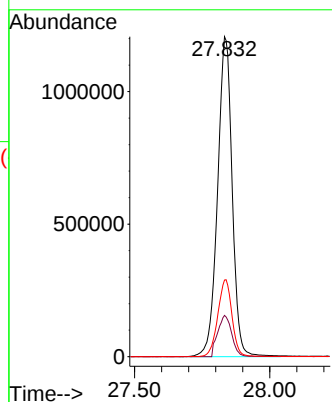
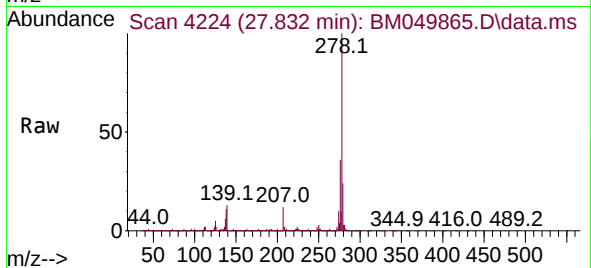




#91
Dibenzo(a,h)anthracene
Concen: 48.712 ng
RT: 27.832 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

Tgt Ion:278 Resp: 4529739
Ion Ratio Lower Upper
278 100
139 12.9 10.6 15.8
279 24.0 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 46.414 ng
RT: 28.832 min Scan# 4394
Delta R.T. -0.023 min
Lab File: BM049865.D
Acq: 09 Apr 2025 13:08

Tgt Ion:276 Resp: 4410499
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 17.7 14.6 21.8

