

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041025\
 Data File : BM049880.D
 Acq On : 10 Apr 2025 12:13
 Operator : RC/JU
 Sample : Q1753-05MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-2MS

Quant Time: Apr 10 13:02:25 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	287757	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1015890	20.000	ng	0.00
39) Acenaphthene-d10	14.421	164	665646	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	1311952	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1314907	20.000	ng	0.00
86) Perylene-d12	24.391	264	1384646	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2144459	126.546	ng	0.00
7) Phenol-d6	6.951	99	2681135	127.164	ng	0.00
23) Nitrobenzene-d5	8.934	82	1533820	84.075	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1286672	132.892	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	4065787	82.826	ng	0.00
79) Terphenyl-d14	19.786	244	6229257	88.781	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	307858	44.112	ng	99
3) Pyridine	3.657	79	847809	46.237	ng	98
4) n-Nitrosodimethylamine	3.563	42	326376	46.772	ng	98
6) Aniline	7.104	93	504171	27.907	ng	99
8) 2-Chlorophenol	7.345	128	866858	49.916	ng	99
9) Benzaldehyde	6.916	77	487997	45.103	ng	98
10) Phenol	6.981	94	1065640	51.793	ng	98
11) bis(2-Chloroethyl)ether	7.198	93	794213	49.224	ng	100
12) 1,3-Dichlorobenzene	7.669	146	995185	48.470	ng	99
13) 1,4-Dichlorobenzene	7.810	146	1003122	48.555	ng	99
14) 1,2-Dichlorobenzene	8.128	146	964889	49.586	ng	99
15) Benzyl Alcohol	8.016	79	695292	52.369	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.304	45	926985	51.546	ng	100
17) 2-Methylphenol	8.228	107	675197	53.252	ng	99
18) Hexachloroethane	8.857	117	352040	48.979	ng	96
19) n-Nitroso-di-n-propyla...	8.586	70	586846	50.254	ng	100
20) 3+4-Methylphenols	8.551	107	911960	52.757	ng	100
22) Acetophenone	8.598	105	1178794	47.745	ng	# 99
24) Nitrobenzene	8.975	77	843655	48.026	ng	97
25) Isophorone	9.504	82	1600210	52.361	ng	99
26) 2-Nitrophenol	9.686	139	449302	48.257	ng	99
27) 2,4-Dimethylphenol	9.751	122	753734	71.433	ng	99
28) bis(2-Chloroethoxy)met...	9.980	93	1004027	49.072	ng	99
29) 2,4-Dichlorophenol	10.222	162	870155	49.611	ng	99
30) 1,2,4-Trichlorobenzene	10.433	180	968254	47.719	ng	100
31) Naphthalene	10.622	128	2423412	46.425	ng	99
32) Benzoic acid	9.892	122	581447m	45.087	ng	
33) 4-Chloroaniline	10.733	127	227750	12.356	ng	98
34) Hexachlorobutadiene	10.910	225	607753	48.422	ng	98
35) Caprolactam	11.510	113	244348	48.573	ng	94
36) 4-Chloro-3-methylphenol	11.863	107	772524	50.282	ng	99
37) 2-Methylnaphthalene	12.239	142	1612921	43.855	ng	99
38) 1-Methylnaphthalene	12.457	142	1682497	46.957	ng	100
40) 1,2,4,5-Tetrachloroben...	12.610	216	1118870	48.046	ng	98
41) Hexachlorocyclopentadiene	12.592	237	1526461	187.065	ng	98
43) 2,4,6-Trichlorophenol	12.851	196	739137	49.879	ng	98

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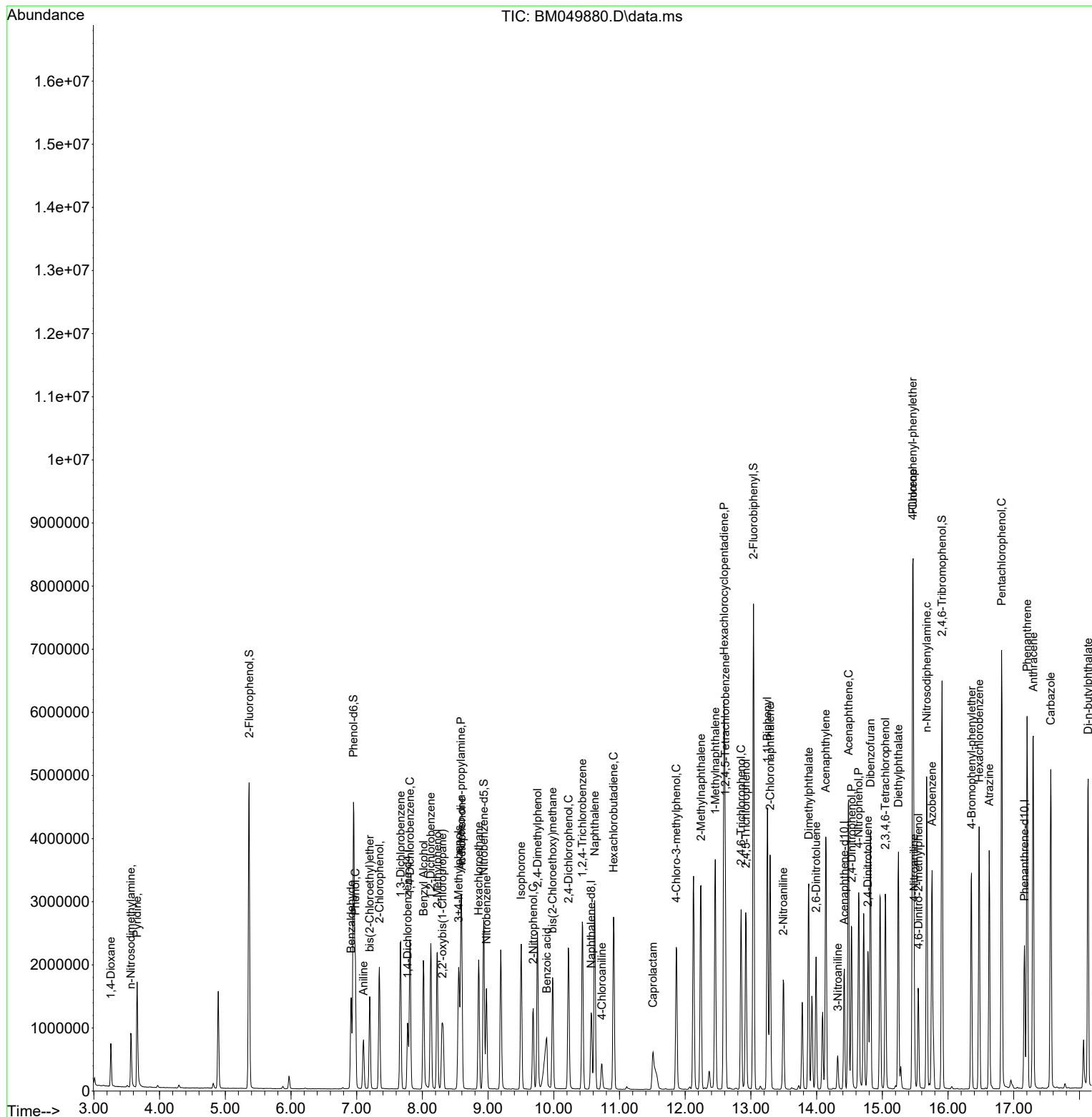
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.921	196	811369	50.385	ng	99
46) 1,1'-Biphenyl	13.251	154	2355126	47.596	ng	99
47) 2-Chloronaphthalene	13.292	162	1862857	47.898	ng	99
48) 2-Nitroaniline	13.492	65	449619	49.972	ng	96
49) Acenaphthylene	14.139	152	2960595	52.259	ng	99
50) Dimethylphthalate	13.880	163	2272889	48.400	ng	100
51) 2,6-Dinitrotoluene	13.992	165	488506	49.651	ng	98
52) Acenaphthene	14.486	154	1711288	47.489	ng	99
53) 3-Nitroaniline	14.321	138	146222	15.377	ng	98
54) 2,4-Dinitrophenol	14.533	184	647212	89.857	ng	98
55) Dibenzofuran	14.821	168	2782620	46.192	ng	99
56) 4-Nitrophenol	14.639	139	894451	105.552	ng	98
57) 2,4-Dinitrotoluene	14.780	165	689779	52.551	ng	98
58) Fluorene	15.468	166	2331663	48.694	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	677411	47.995	ng	99
60) Diethylphthalate	15.245	149	2127556	47.243	ng	99
61) 4-Chlorophenyl-phenyle...	15.462	204	1267578	49.375	ng	100
62) 4-Nitroaniline	15.486	138	460760	46.854	ng	99
63) Azobenzene	15.757	77	2001195	51.903	ng	98
65) 4,6-Dinitro-2-methylph...	15.551	198	405910	49.098	ng	99
66) n-Nitrosodiphenylamine	15.674	169	1968783	50.145	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	755086	49.578	ng	96
68) Hexachlorobenzene	16.474	284	870212	49.813	ng	98
69) Atrazine	16.627	200	723342	71.056	ng	98
70) Pentachlorophenol	16.815	266	1268149	98.602	ng	99
71) Phenanthrene	17.204	178	3578598	49.754	ng	100
72) Anthracene	17.298	178	3645371	51.429	ng	100
73) Carbazole	17.562	167	3314732	49.650	ng	99
74) Di-n-butylphthalate	18.133	149	3719908	48.375	ng	99
75) Fluoranthene	19.221	202	4285777	48.462	ng	99
77) Benzidine	19.403	184	1853237	106.239	ng	99
78) Pyrene	19.580	202	4435537	48.946	ng	99
80) Butylbenzylphthalate	20.480	149	1654729	48.595	ng	99
81) Benzo(a)anthracene	21.380	228	4403499	50.390	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	605098	18.336	ng	99
83) Chrysene	21.444	228	4101684	49.370	ng	100
84) Bis(2-ethylhexyl)phtha...	21.303	149	2345865	47.285	ng	99
85) Di-n-octyl phthalate	22.439	149	3978522	45.840	ng	100
87) Indeno(1,2,3-cd)pyrene	27.779	276	5300822	51.358	ng	99
88) Benzo(b)fluoranthene	23.450	252	4267044	48.252	ng	99
89) Benzo(k)fluoranthene	23.515	252	4275768	49.894	ng	100
90) Benzo(a)pyrene	24.256	252	4069169	52.365	ng	99
91) Dibenzo(a,h)anthracene	27.838	278	4318521	50.797	ng	99
92) Benzo(g,h,i)perylene	28.838	276	4230440	48.696	ng	99

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

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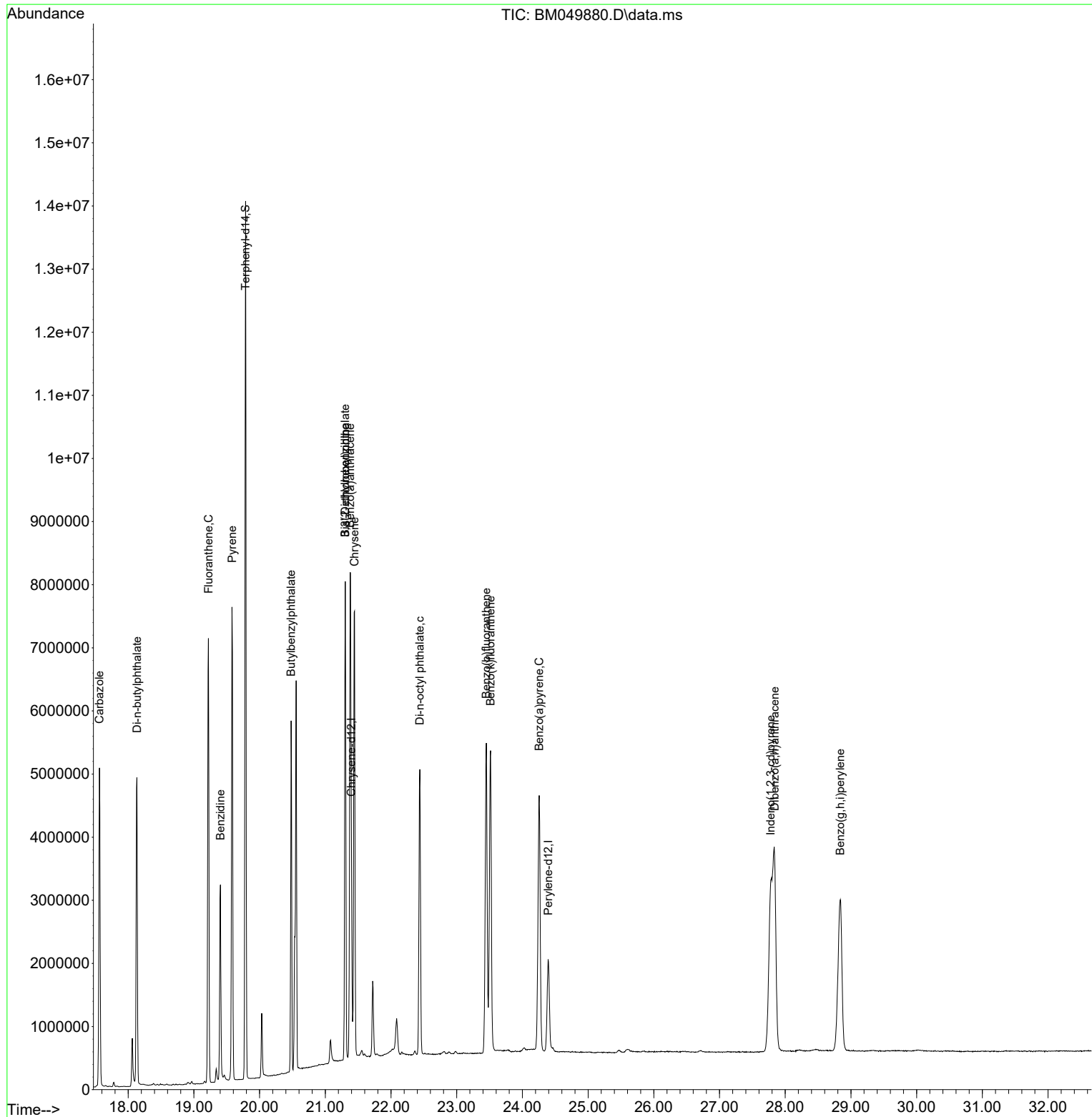
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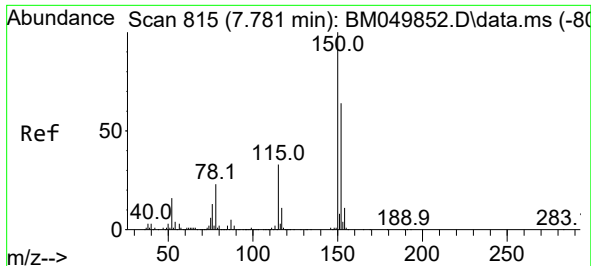


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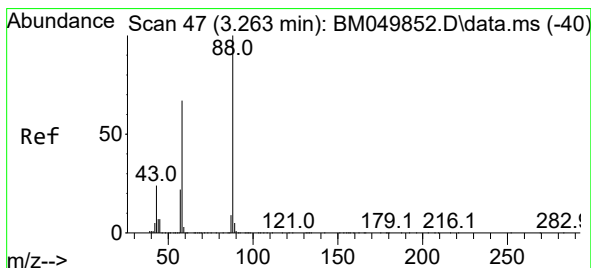
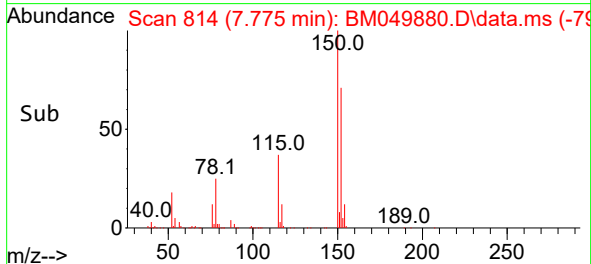
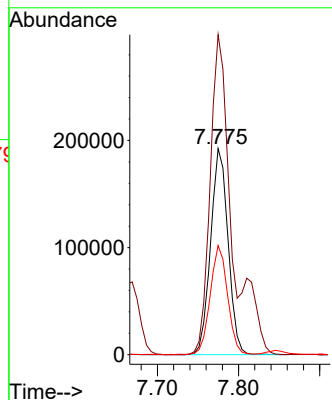
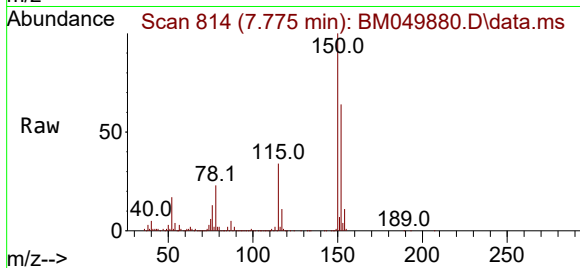




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.775 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM049880.D
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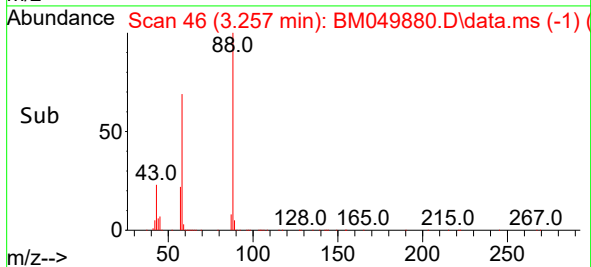
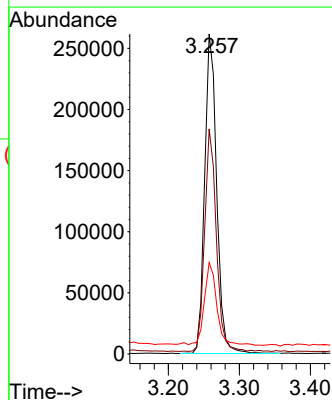
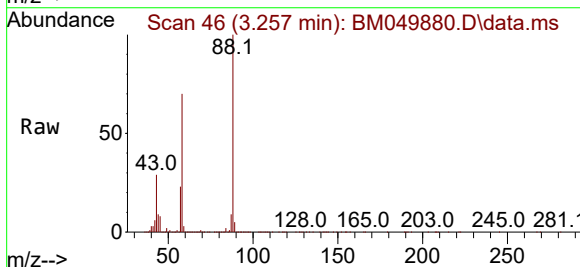
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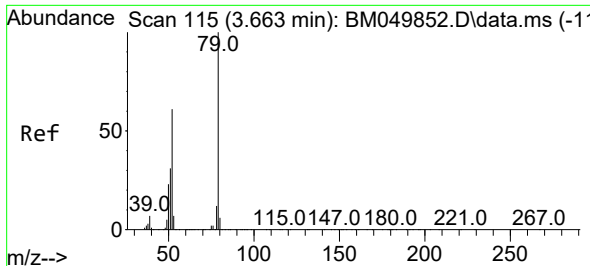
Tgt Ion:152 Resp: 287757
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.3 186.5
 115 52.9 41.1 61.7



#2
 1,4-Dioxane
 Concen: 44.112 ng
 RT: 3.257 min Scan# 46
 Delta R.T. -0.006 min
 Lab File: BM049880.D
 Acq: 10 Apr 2025 12:13

Tgt Ion: 88 Resp: 307858
 Ion Ratio Lower Upper
 88 100
 58 68.2 54.1 81.1
 43 26.8 20.2 30.4

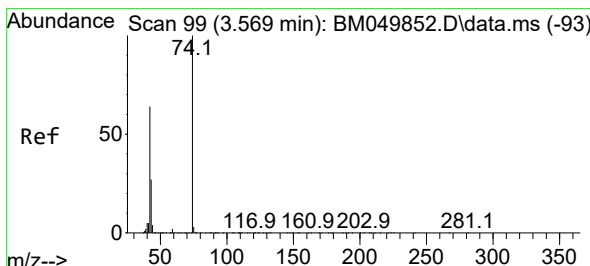
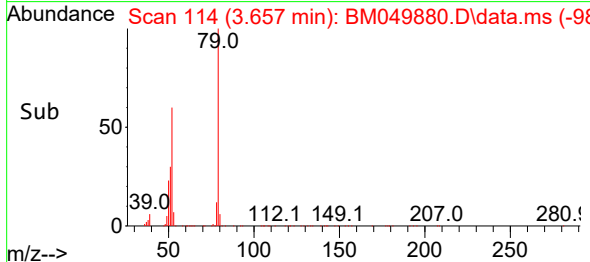
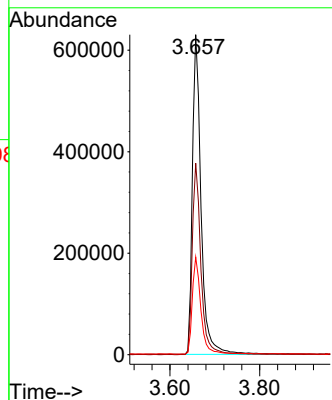
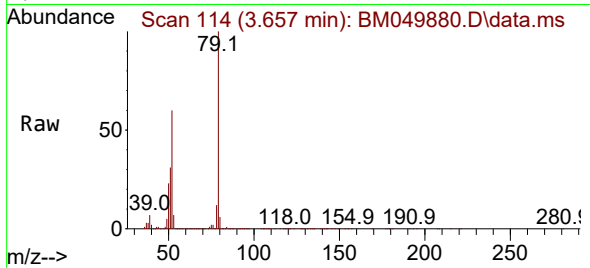




#3
 Pyridine
 Concen: 46.237 ng
 RT: 3.657 min Scan# 115
 Delta R.T. -0.006 min
 Lab File: BM049880.D
 Acq: 10 Apr 2025 12:13

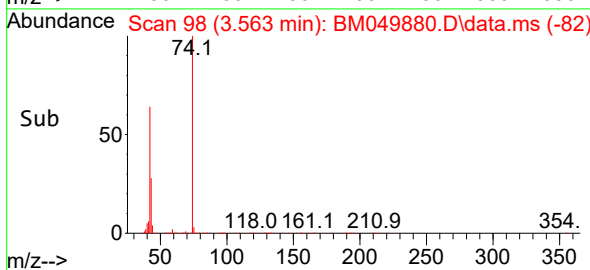
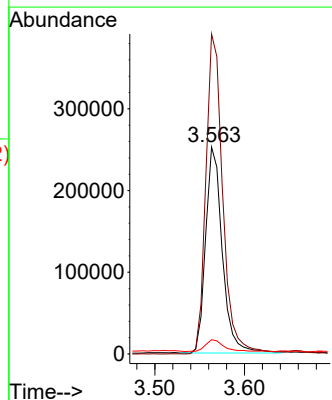
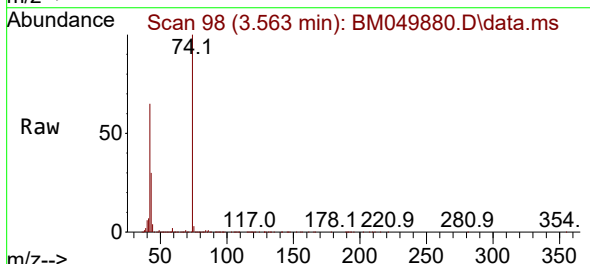
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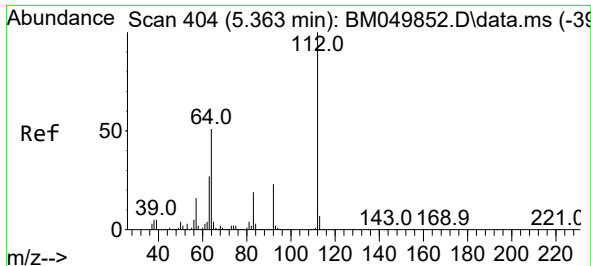
Tgt Ion: 79 Resp: 847809
 Ion Ratio Lower Upper
 79 100
 52 59.8 48.9 73.3
 51 30.5 25.0 37.6



#4
 n-Nitrosodimethylamine
 Concen: 46.772 ng
 RT: 3.563 min Scan# 98
 Delta R.T. -0.006 min
 Lab File: BM049880.D
 Acq: 10 Apr 2025 12:13

Tgt Ion: 42 Resp: 326376
 Ion Ratio Lower Upper
 42 100
 74 154.7 125.4 188.2
 44 6.9 5.9 8.9

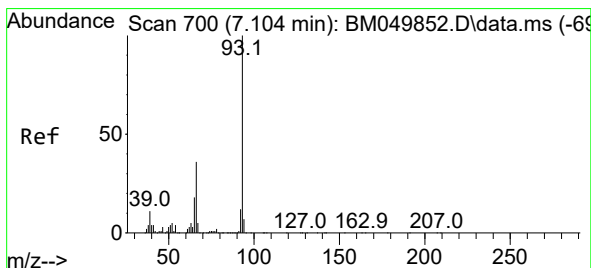
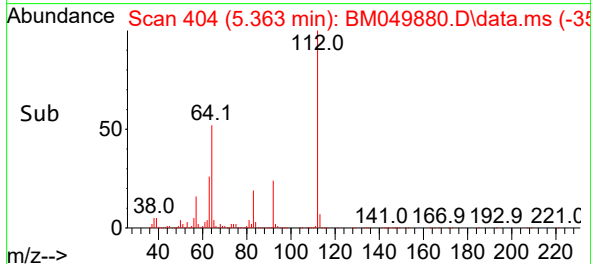
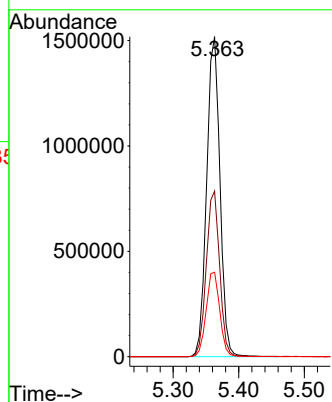
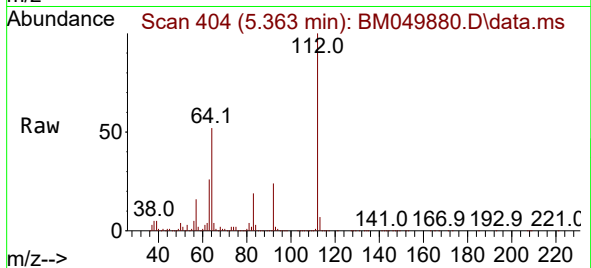




#5
2-Fluorophenol
Concen: 126.546 ng
RT: 5.363 min Scan# 404
Delta R.T. -0.000 min
Lab File: BM049880.D
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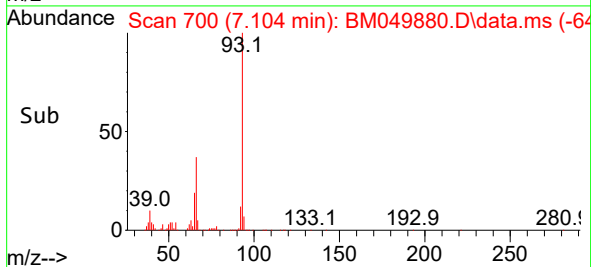
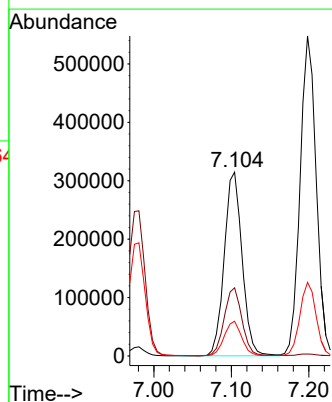
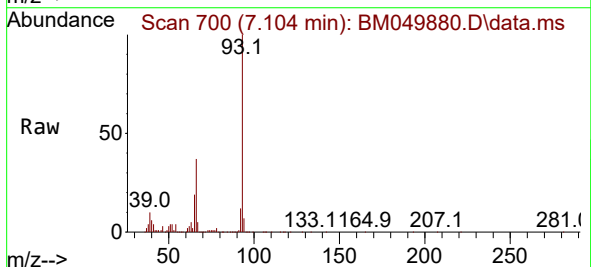
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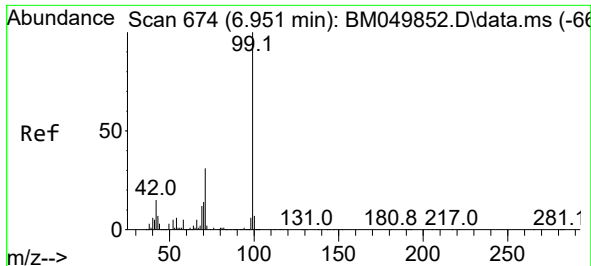
Tgt Ion:112 Resp: 2144459
Ion Ratio Lower Upper
112 100
64 51.8 41.0 61.6
63 26.4 21.5 32.3



#6
Aniline
Concen: 27.907 ng
RT: 7.104 min Scan# 700
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

Tgt Ion: 93 Resp: 504171
Ion Ratio Lower Upper
93 100
66 37.1 29.1 43.7
65 18.9 14.9 22.3

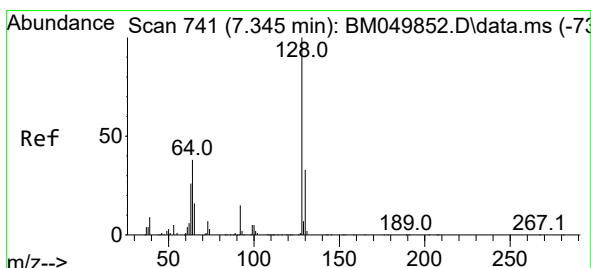
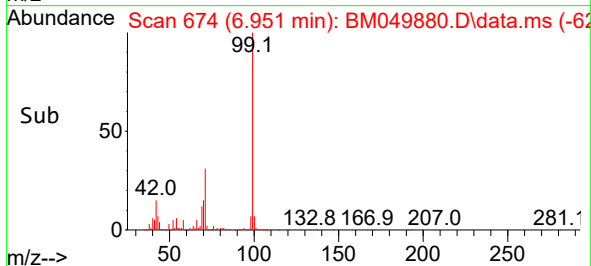
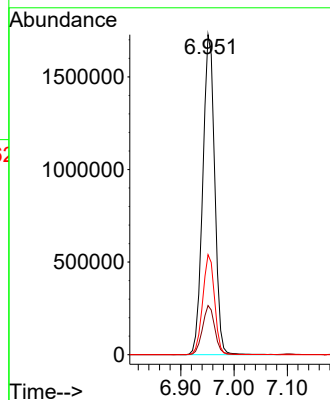
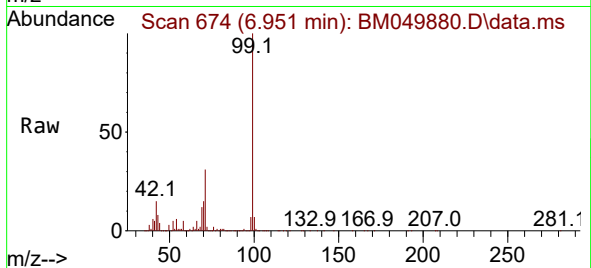




#7
Phenol-d6
Concen: 127.164 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
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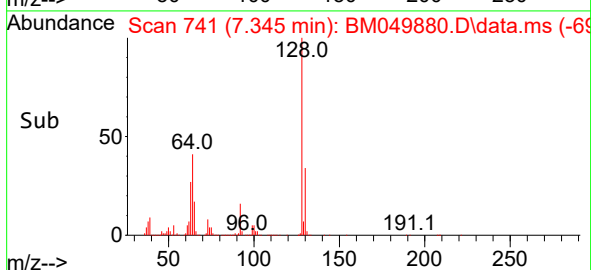
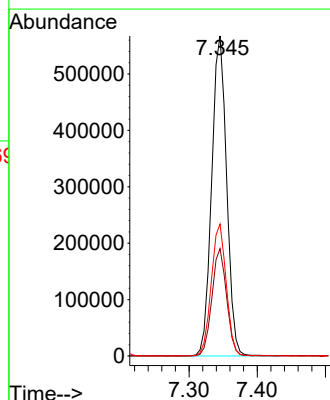
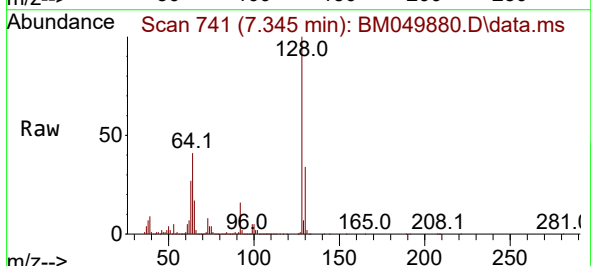
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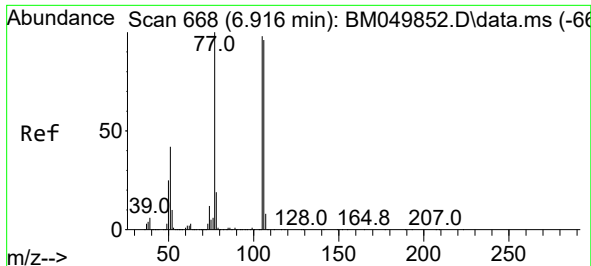
Tgt Ion: 99 Resp: 2681135
Ion Ratio Lower Upper
99 100
42 15.4 12.1 18.1
71 31.2 24.9 37.3



#8
2-Chlorophenol
Concen: 49.916 ng
RT: 7.345 min Scan# 741
Delta R.T. -0.000 min
Lab File: BM049880.D
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Tgt Ion:128 Resp: 866858
Ion Ratio Lower Upper
128 100
130 33.5 12.6 52.6
64 41.2 21.1 61.1

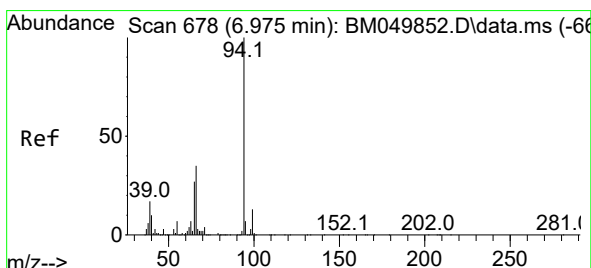
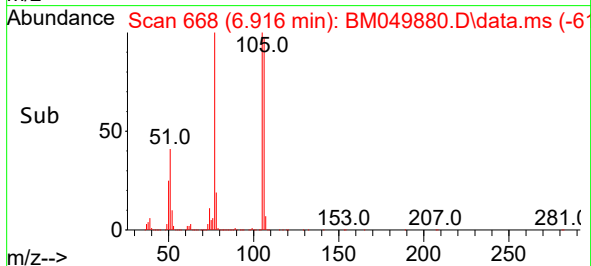
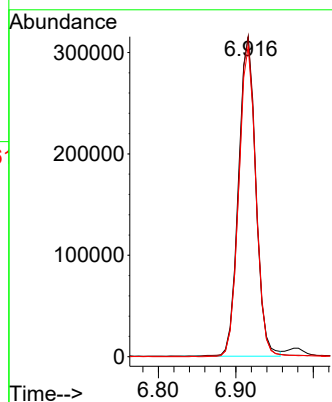
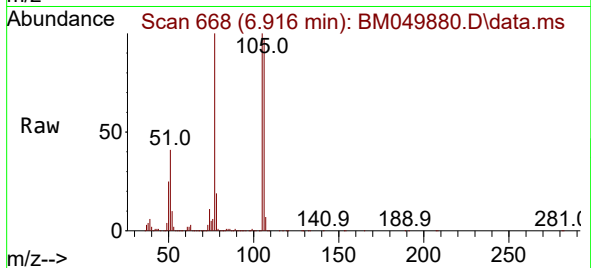




#9
Benzaldehyde
Concen: 45.103 ng
RT: 6.916 min Scan# 668
Delta R.T. -0.000 min
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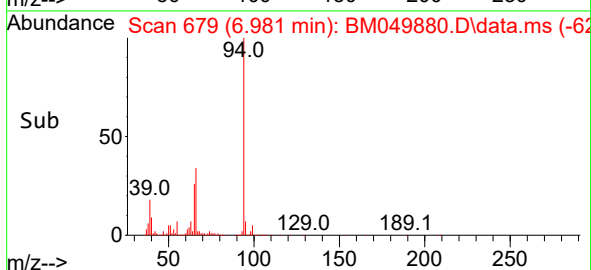
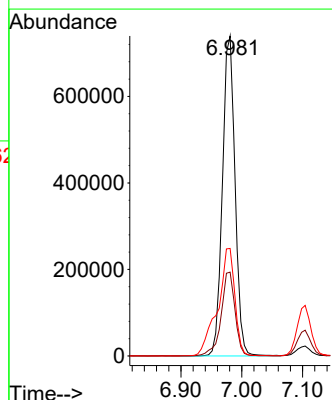
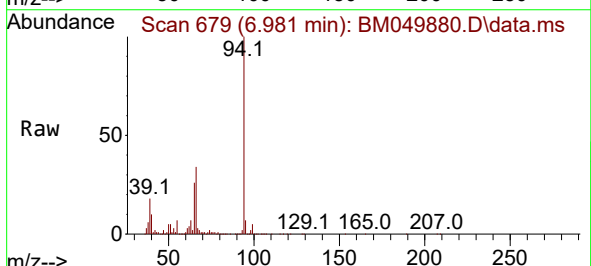
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ClientSampleId :
WC-2MS

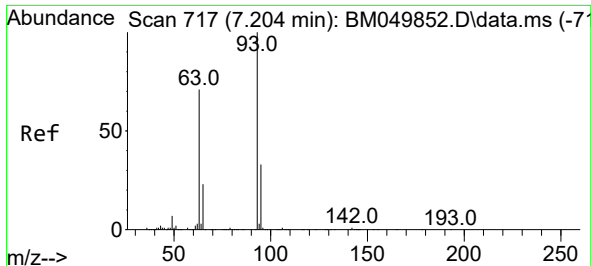
Tgt Ion: 77 Resp: 487997
Ion Ratio Lower Upper
77 100
105 100.2 78.3 118.3
106 97.1 76.0 116.0



#10
Phenol
Concen: 51.793 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.006 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

Tgt Ion: 94 Resp: 1065640
Ion Ratio Lower Upper
94 100
65 26.2 7.3 47.3
66 33.6 14.8 54.8

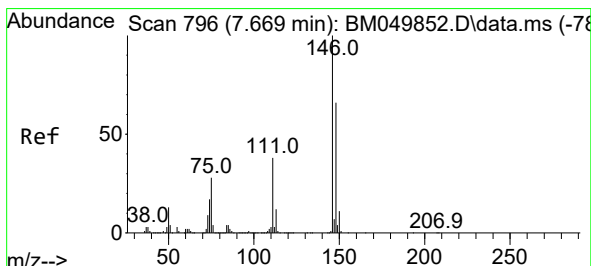
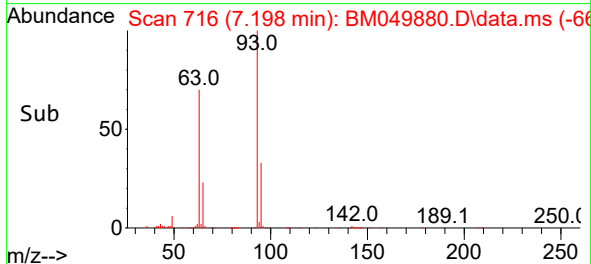
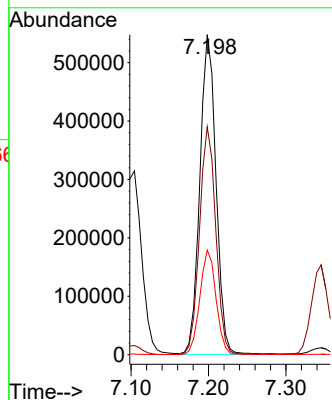
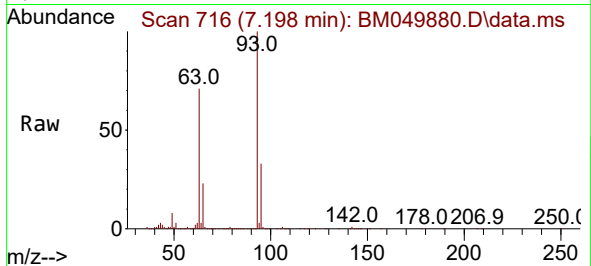




#11
bis(2-Chloroethyl)ether
Concen: 49.224 ng
RT: 7.198 min Scan# 716
Delta R.T. -0.006 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

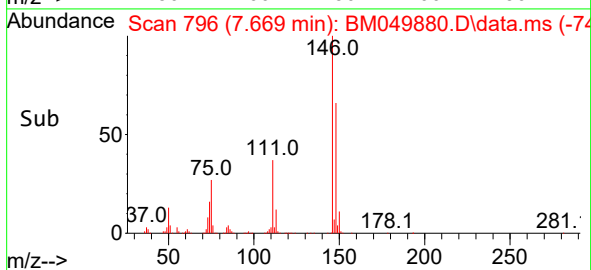
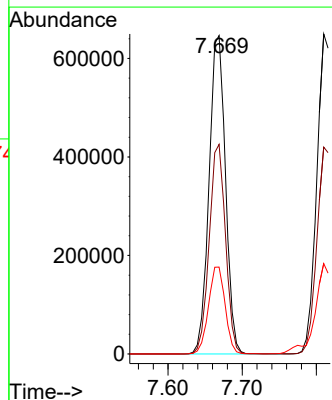
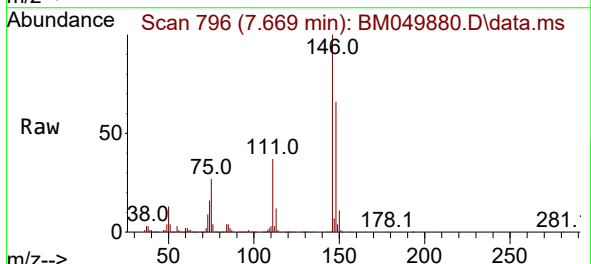
Instrument :
BNA_M
ClientSampleId :
WC-2MS

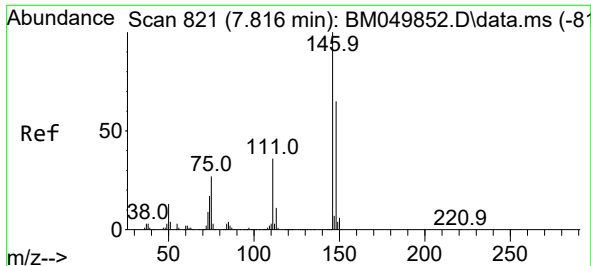
Tgt Ion: 93 Resp: 794213
Ion Ratio Lower Upper
93 100
63 71.2 50.9 90.9
95 32.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 48.470 ng
RT: 7.669 min Scan# 796
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

Tgt Ion:146 Resp: 995185
Ion Ratio Lower Upper
146 100
148 65.9 52.5 78.7
75 27.3 22.5 33.7

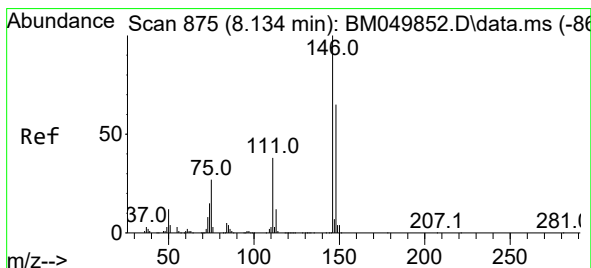
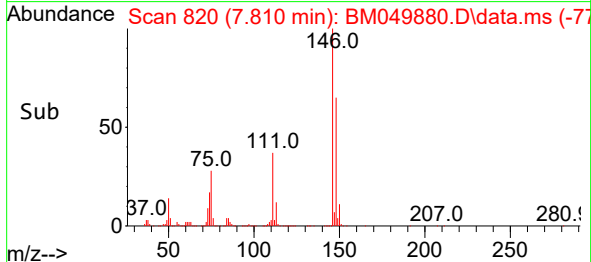
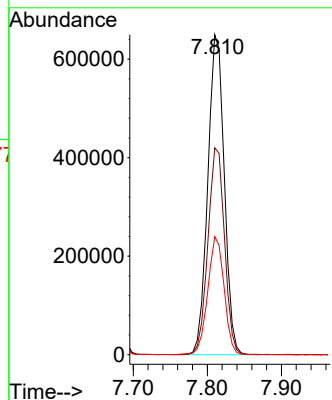
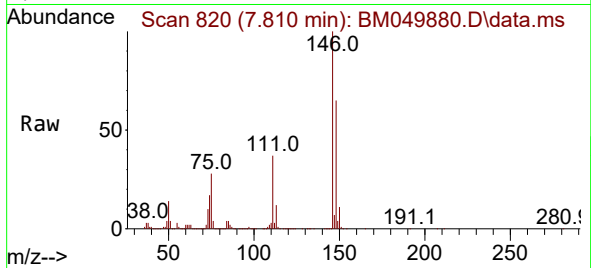




#13
1,4-Dichlorobenzene
Concen: 48.555 ng
RT: 7.810 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

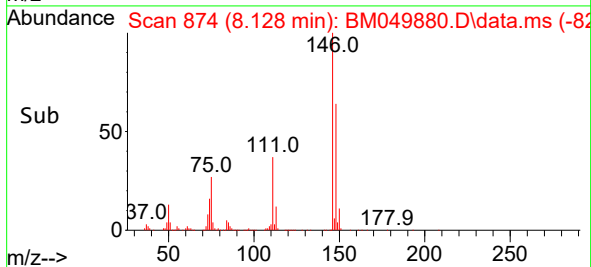
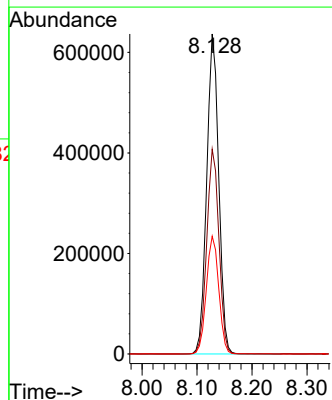
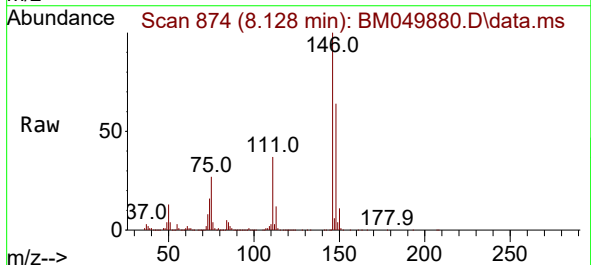
Instrument :
BNA_M
ClientSampleId :
WC-2MS

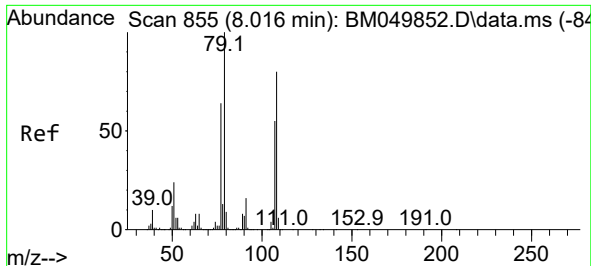
Tgt Ion:146 Resp: 1003122
Ion Ratio Lower Upper
146 100
148 64.7 52.4 78.6
111 36.9 28.5 42.7



#14
1,2-Dichlorobenzene
Concen: 49.586 ng
RT: 8.128 min Scan# 874
Delta R.T. -0.006 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

Tgt Ion:146 Resp: 964889
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
111 36.8 30.2 45.4

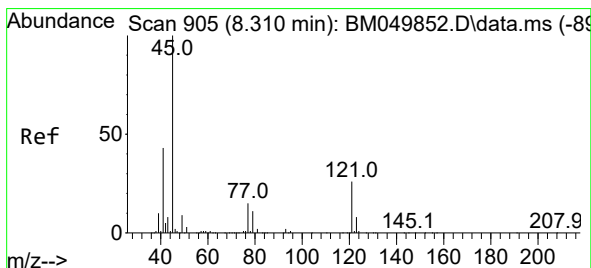
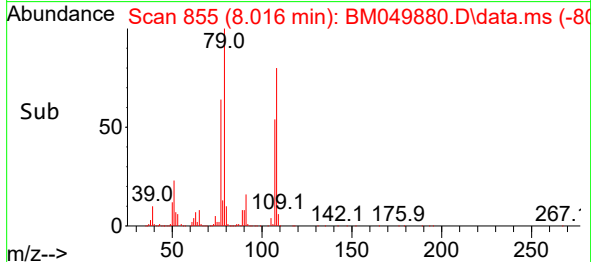
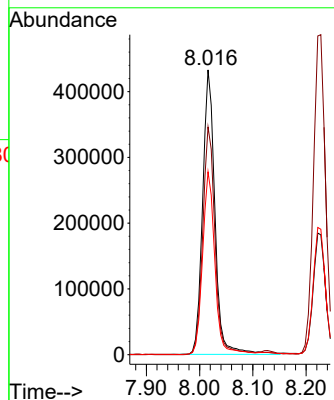
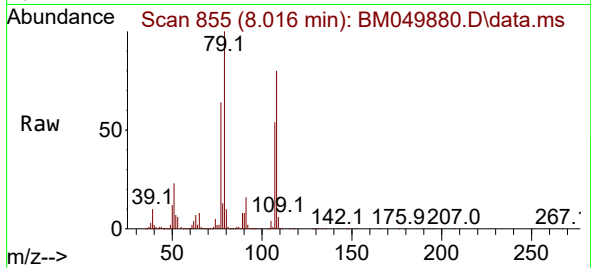




#15
Benzyl Alcohol
Concen: 52.369 ng
RT: 8.016 min Scan# 855
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

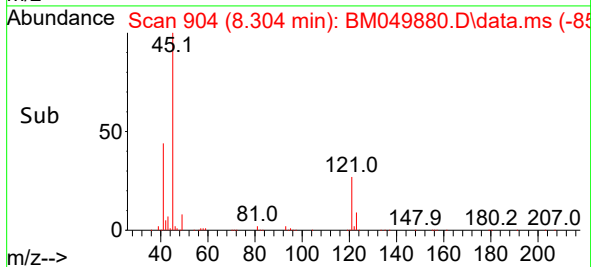
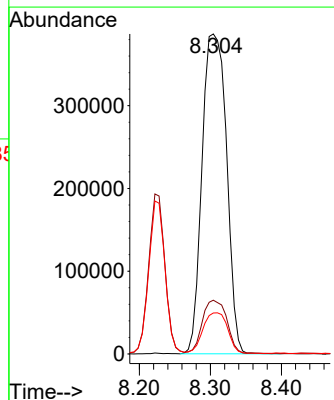
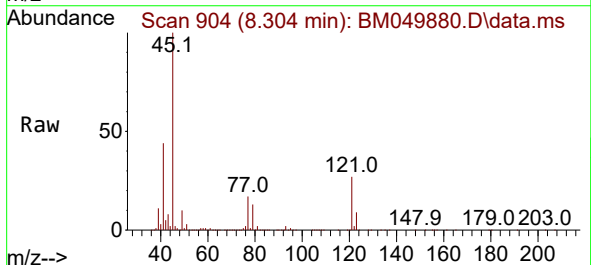
Instrument :
BNA_M
ClientSampleId :
WC-2MS

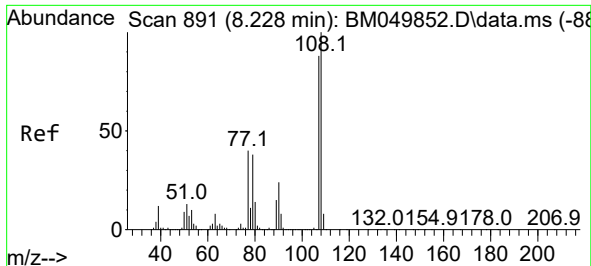
Tgt Ion: 79 Resp: 695292
Ion Ratio Lower Upper
79 100
108 80.0 63.6 95.4
77 64.2 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.546 ng
RT: 8.304 min Scan# 904
Delta R.T. -0.006 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

Tgt Ion: 45 Resp: 926985
Ion Ratio Lower Upper
45 100
77 16.8 0.0 36.9
79 12.8 0.0 32.9

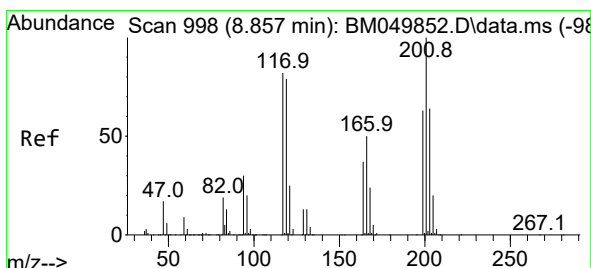
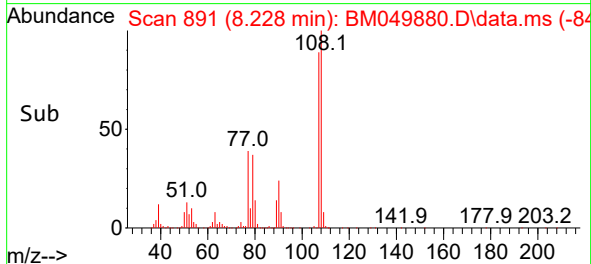
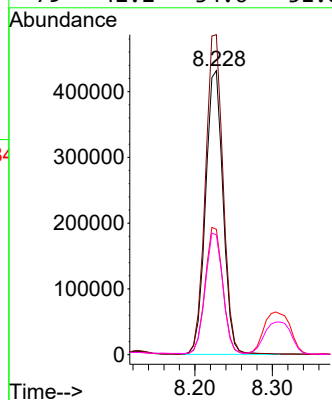
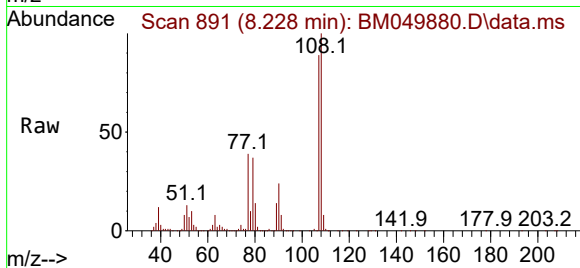




#17
2-Methylphenol
Concen: 53.252 ng
RT: 8.228 min Scan# 891
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

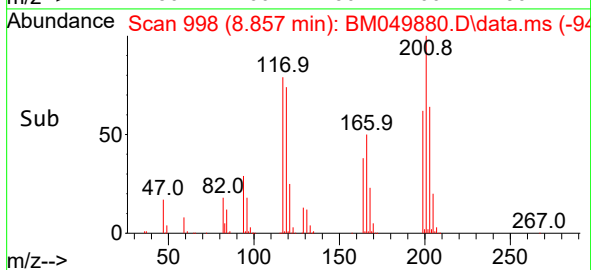
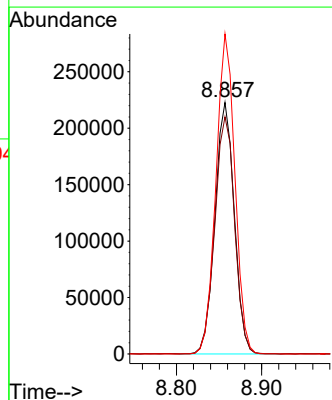
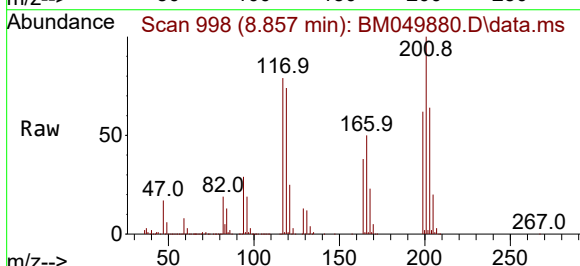
Instrument :
BNA_M
ClientSampleId :
WC-2MS

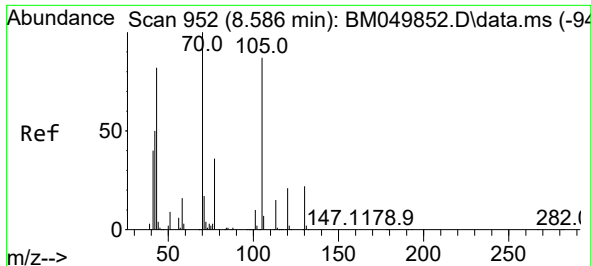
Tgt Ion:	107	Resp:	675197
Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.0	136.6
77	44.2	36.5	54.7
79	42.2	34.6	51.8



#18
Hexachloroethane
Concen: 48.979 ng
RT: 8.857 min Scan# 998
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

Tgt Ion:	117	Resp:	352040
Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.5	116.3
201	127.2	97.7	146.5





#19

n-Nitroso-di-n-propylamine

Concen: 50.254 ng

RT: 8.586 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM049880.D

Acq: 10 Apr 2025 12:13

Instrument :

BNA_M

ClientSampleId :

WC-2MS

Tgt Ion: 70 Resp: 586846

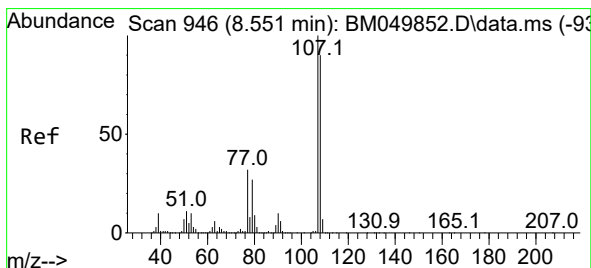
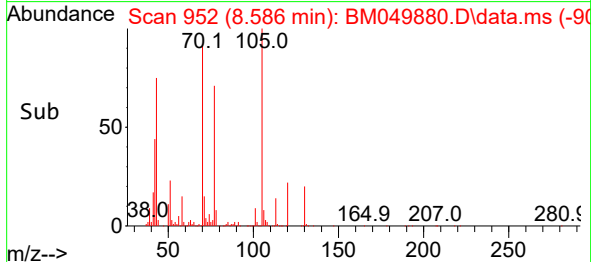
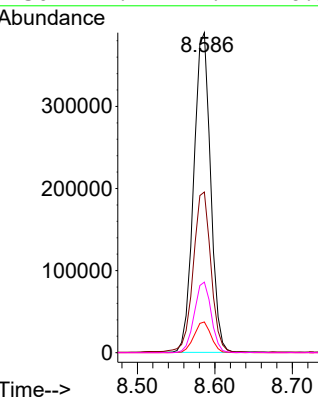
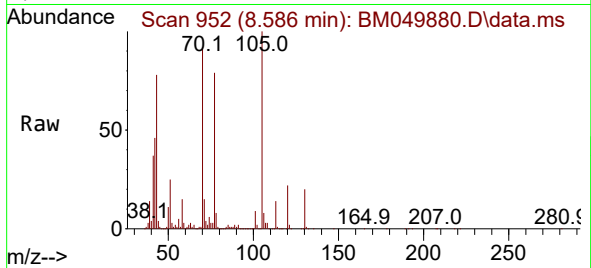
Ion Ratio Lower Upper

70 100

42 50.2 40.2 60.2

101 9.6 7.9 11.9

130 22.1 17.7 26.5



#20

3+4-Methylphenols

Concen: 52.757 ng

RT: 8.551 min Scan# 946

Delta R.T. -0.000 min

Lab File: BM049880.D

Acq: 10 Apr 2025 12:13

Tgt Ion: 107 Resp: 911960

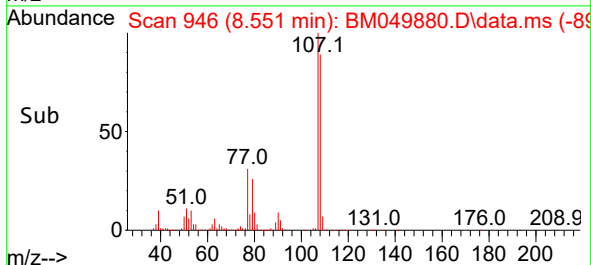
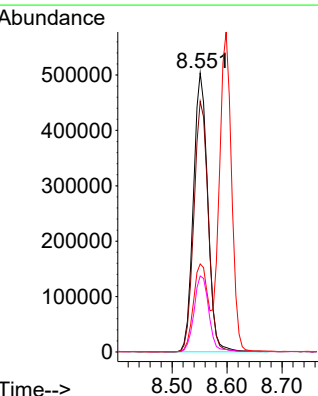
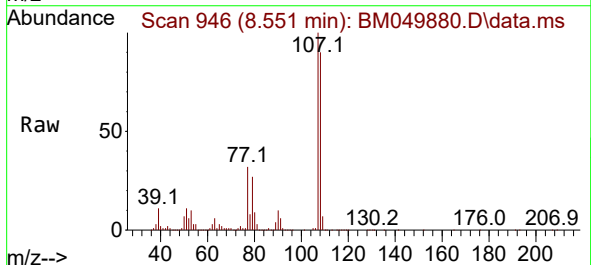
Ion Ratio Lower Upper

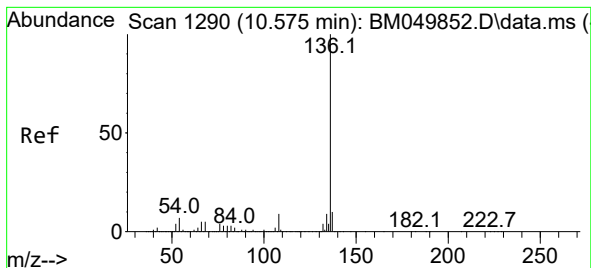
107 100

108 89.8 69.6 109.6

77 31.5 11.7 51.7

79 27.2 7.3 47.3

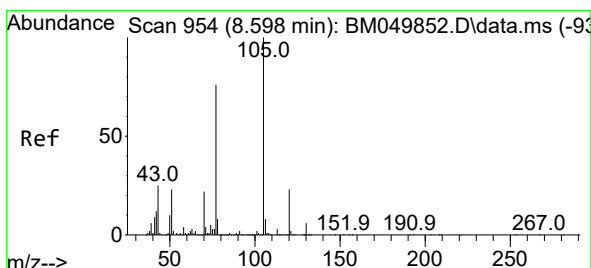
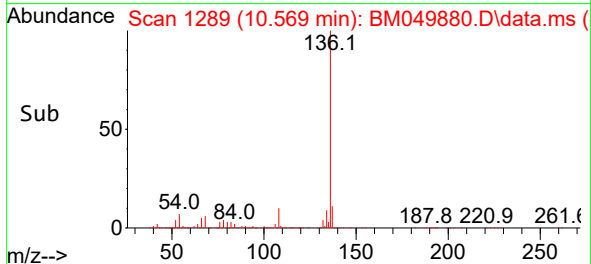
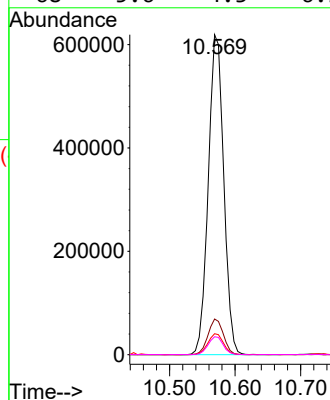
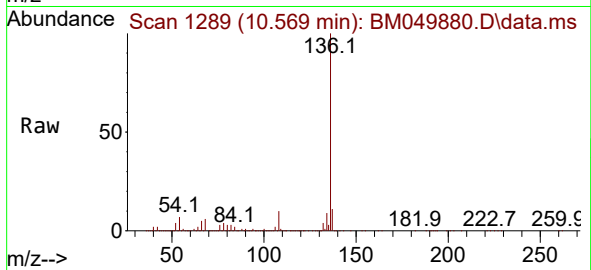




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

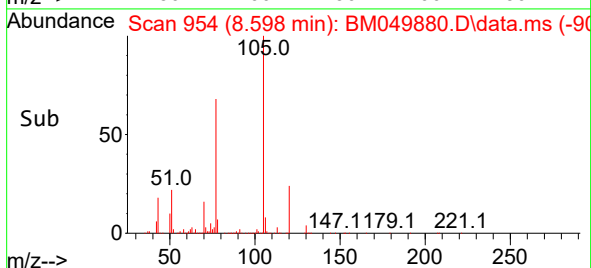
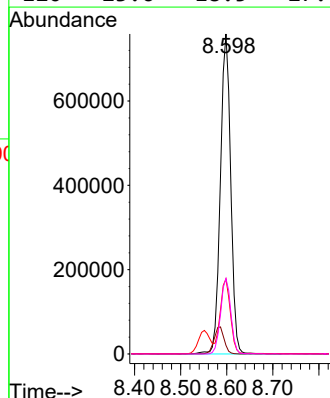
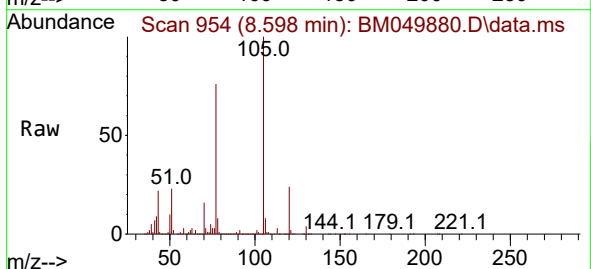
Instrument :
BNA_M
ClientSampleId :
WC-2MS

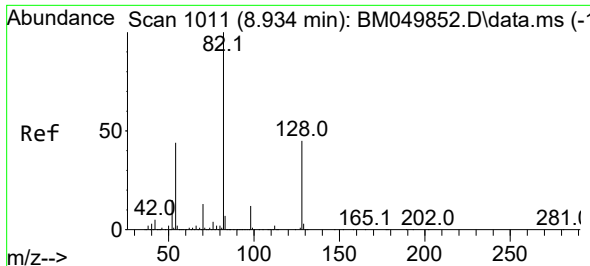
Tgt Ion:136 Resp: 1015890
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 6.6 5.3 7.9
68 5.6 4.3 6.5



#22
Acetophenone
Concen: 47.745 ng
RT: 8.598 min Scan# 954
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

Tgt Ion:105 Resp: 1178794
Ion Ratio Lower Upper
105 100
71 2.7 3.0 4.4#
51 23.5 18.6 27.8
120 23.6 18.5 27.7

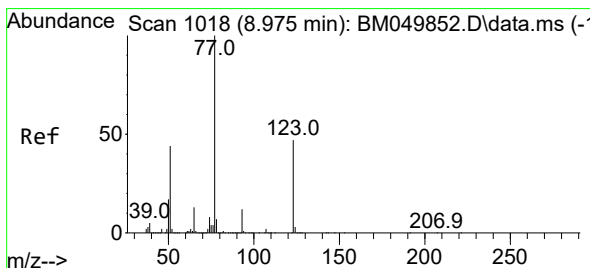
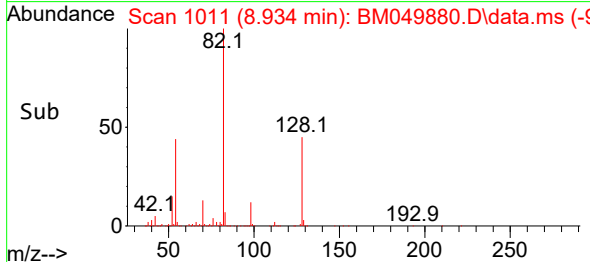
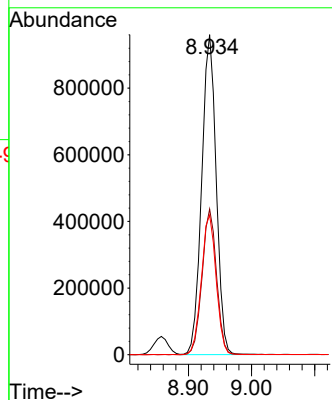
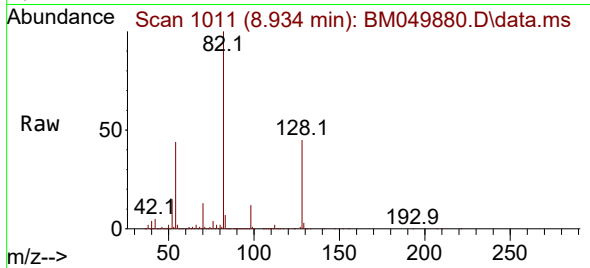




#23
Nitrobenzene-d5
Concen: 84.075 ng
RT: 8.934 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

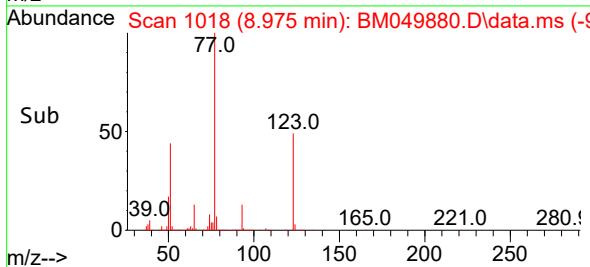
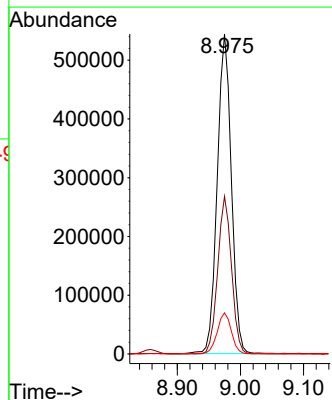
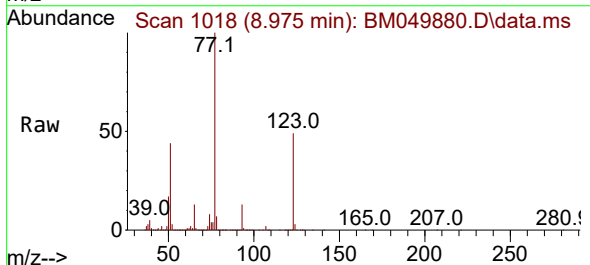
Instrument :
BNA_M
ClientSampleId :
WC-2MS

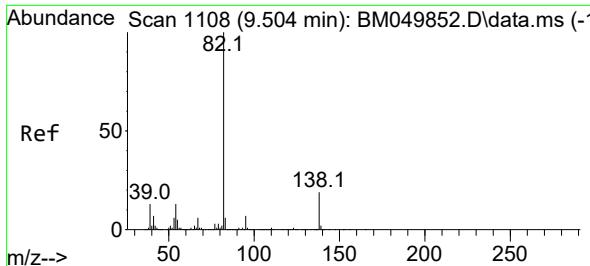
Tgt Ion: 82 Resp: 1533820
Ion Ratio Lower Upper
82 100
128 45.5 36.2 54.2
54 43.6 35.0 52.6



#24
Nitrobenzene
Concen: 48.026 ng
RT: 8.975 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

Tgt Ion: 77 Resp: 843655
Ion Ratio Lower Upper
77 100
123 49.3 37.4 56.2
65 12.8 10.1 15.1

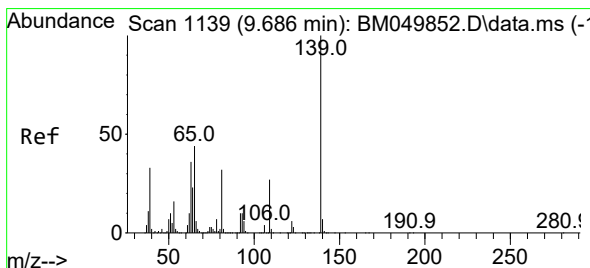
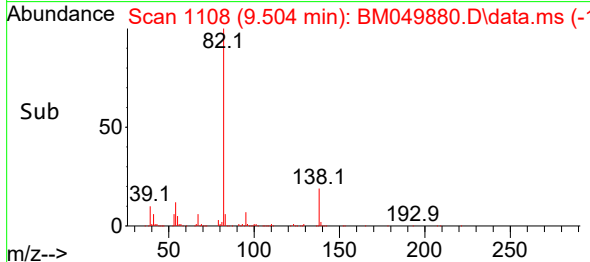
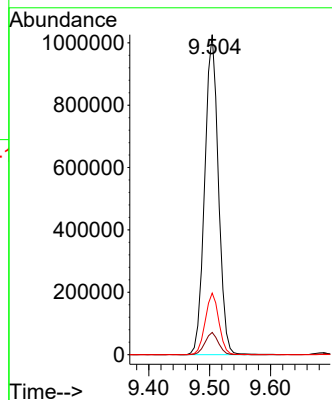
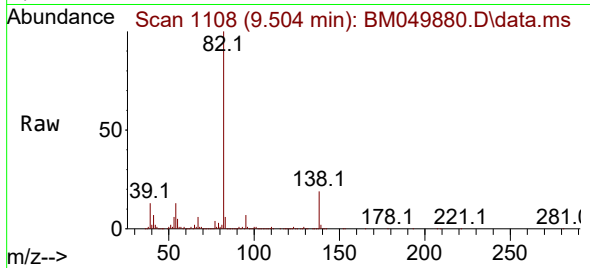




#25
Isophorone
Concen: 52.361 ng
RT: 9.504 min Scan# 1108
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

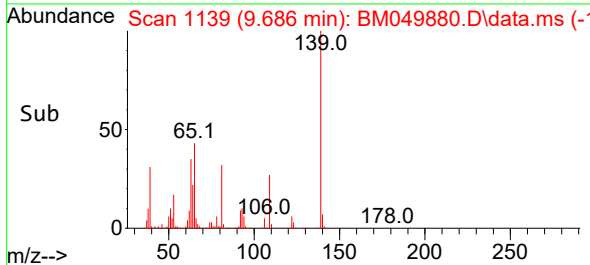
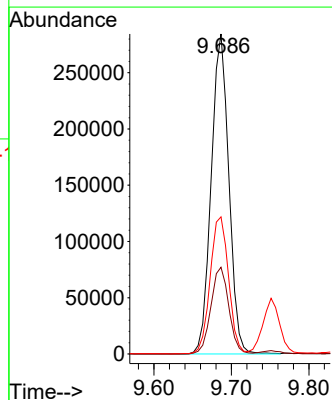
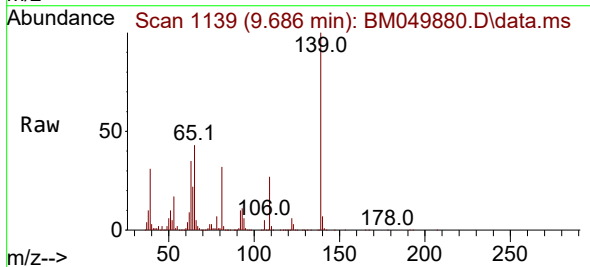
Instrument :
BNA_M
ClientSampleId :
WC-2MS

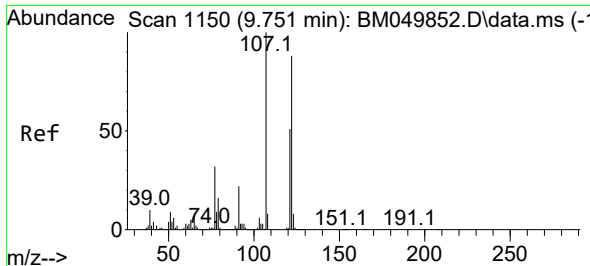
Tgt Ion: 82 Resp: 1600210
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 19.3 15.0 22.6



#26
2-Nitrophenol
Concen: 48.257 ng
RT: 9.686 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

Tgt Ion: 139 Resp: 449302
Ion Ratio Lower Upper
139 100
109 27.1 21.7 32.5
65 42.9 35.2 52.8

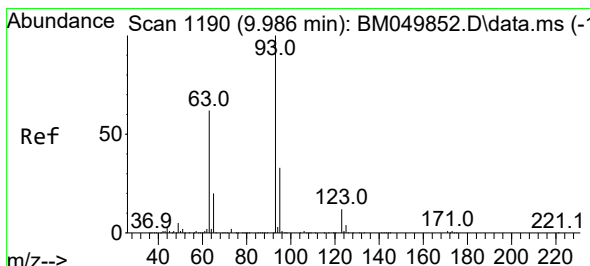
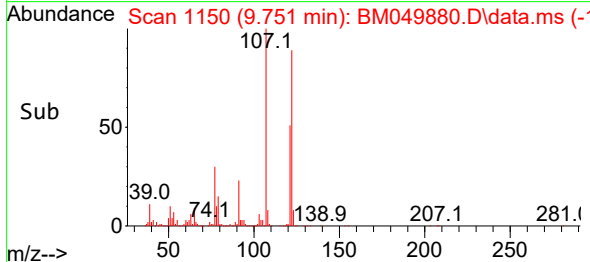
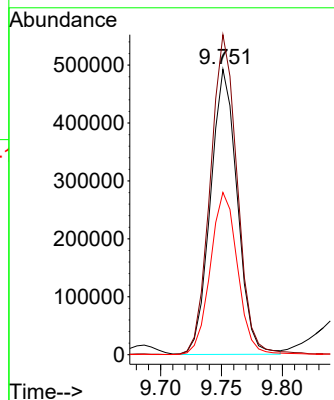
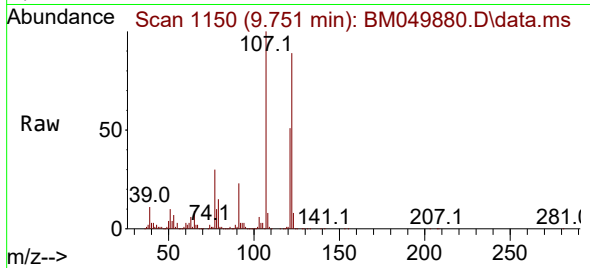




#27
2,4-Dimethylphenol
Concen: 71.433 ng
RT: 9.751 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

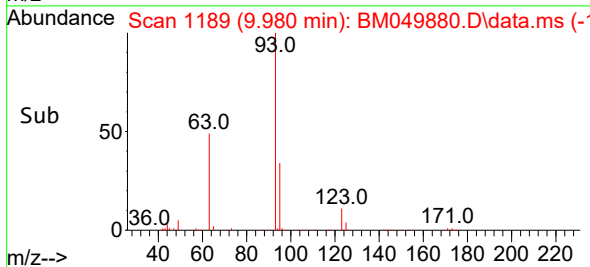
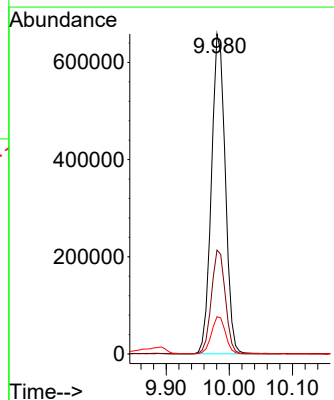
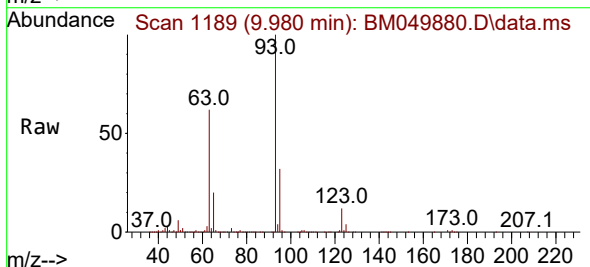
Instrument :
BNA_M
ClientSampleId :
WC-2MS

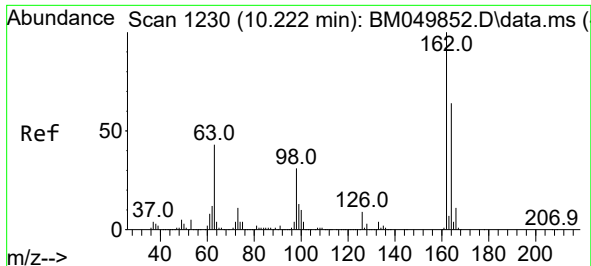
Tgt Ion:122 Resp: 753734
Ion Ratio Lower Upper
122 100
107 112.1 90.3 135.5
121 56.9 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 49.072 ng
RT: 9.980 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

Tgt Ion: 93 Resp: 1004027
Ion Ratio Lower Upper
93 100
95 32.4 26.6 40.0
123 11.7 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 49.611 ng

RT: 10.222 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM049880.D

Acq: 10 Apr 2025 12:13

Instrument :

BNA_M

ClientSampleId :

WC-2MS

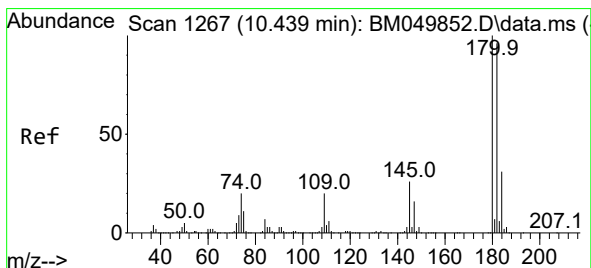
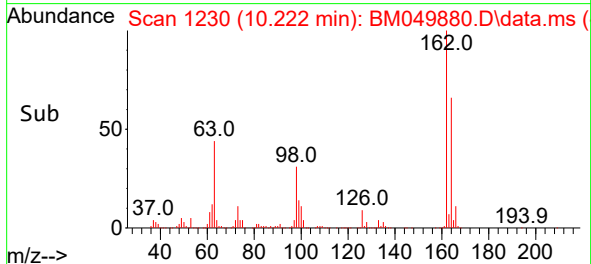
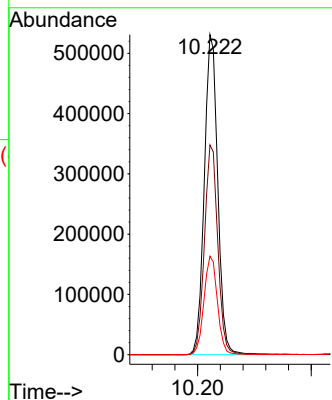
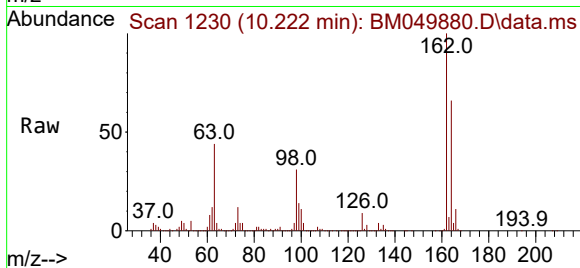
Tgt Ion:162 Resp: 870155

Ion Ratio Lower Upper

162 100

164 65.6 44.3 84.3

98 30.8 10.9 50.9



#30

1,2,4-Trichlorobenzene

Concen: 47.719 ng

RT: 10.433 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BM049880.D

Acq: 10 Apr 2025 12:13

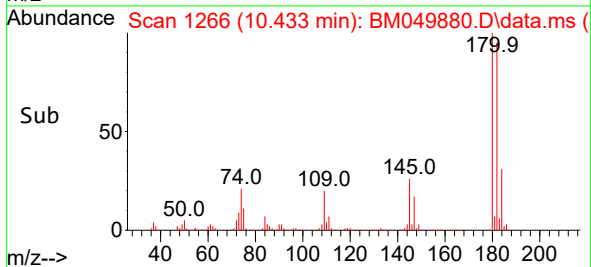
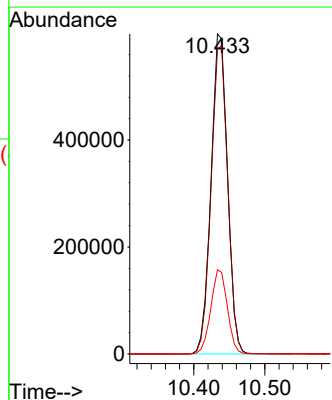
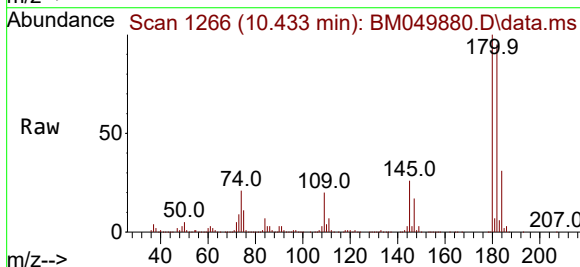
Tgt Ion:180 Resp: 968254

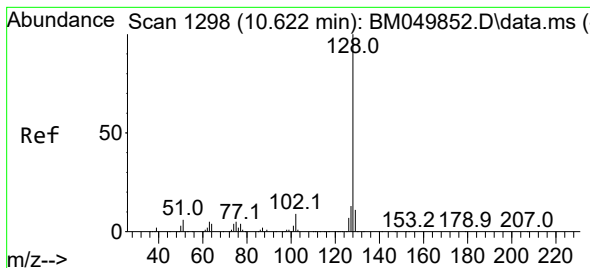
Ion Ratio Lower Upper

180 100

182 95.4 76.7 115.1

145 26.3 20.8 31.2

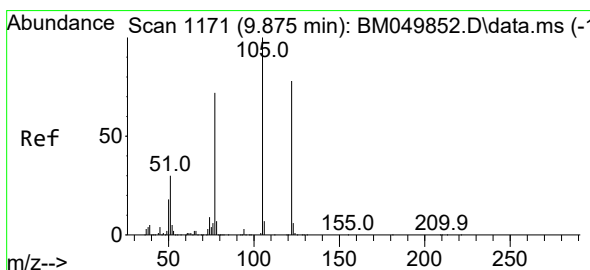
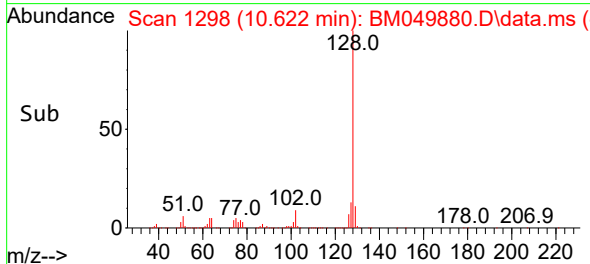
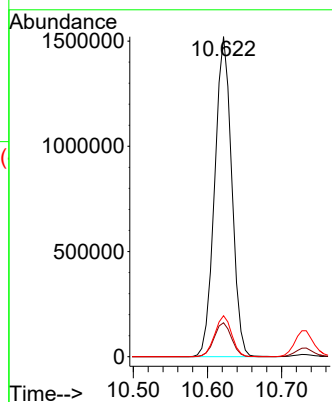
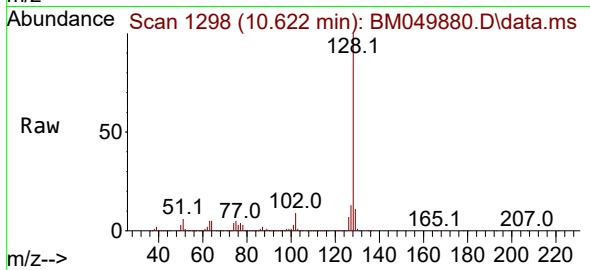




#31
Naphthalene
Concen: 46.425 ng
RT: 10.622 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

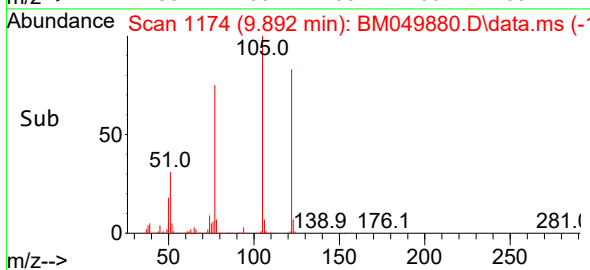
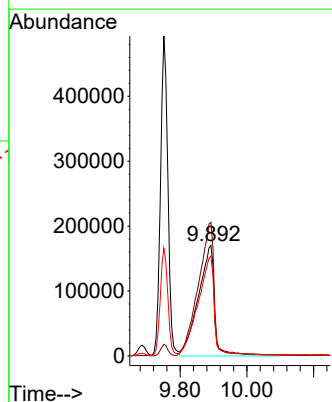
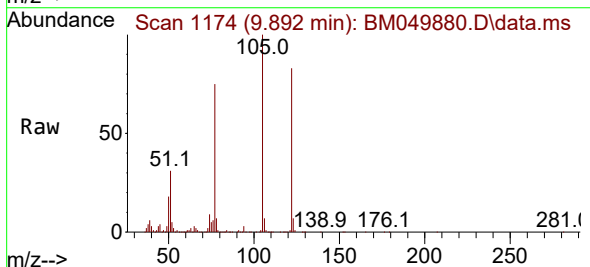
Instrument :
BNA_M
ClientSampleId :
WC-2MS

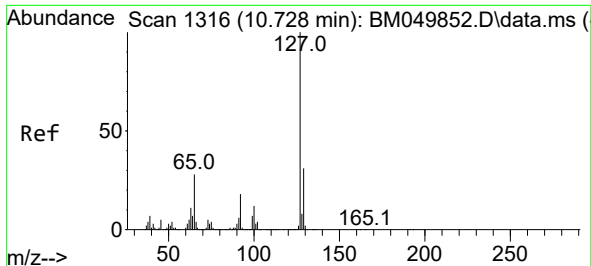
Tgt Ion:128 Resp: 2423412
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 12.8 10.6 15.8



#32
Benzoic acid
Concen: 45.087 ng m
RT: 9.892 min Scan# 1174
Delta R.T. 0.017 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

Tgt Ion:122 Resp: 581447
Ion Ratio Lower Upper
122 100
105 121.0 103.8 143.8
77 90.6 70.7 110.7

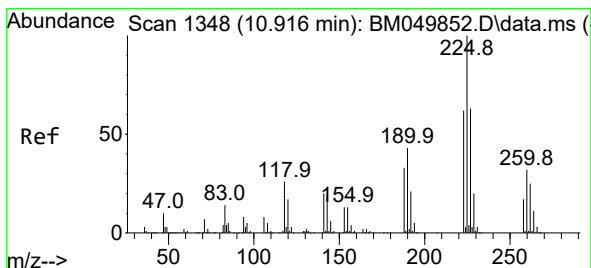
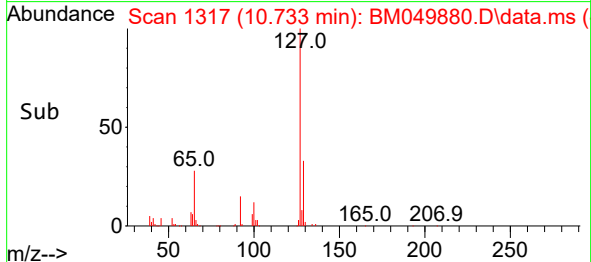
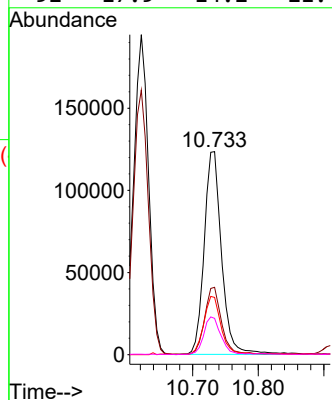
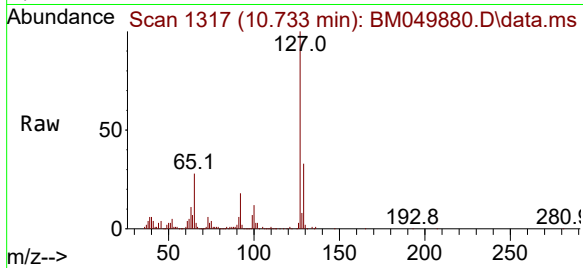




#33
4-Chloroaniline
Concen: 12.356 ng
RT: 10.733 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

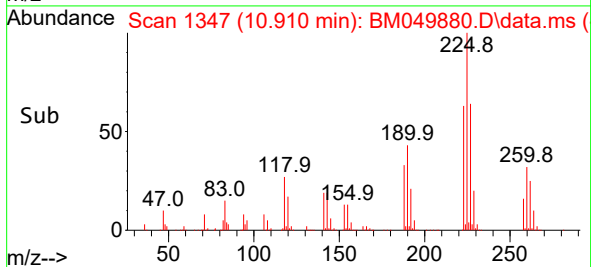
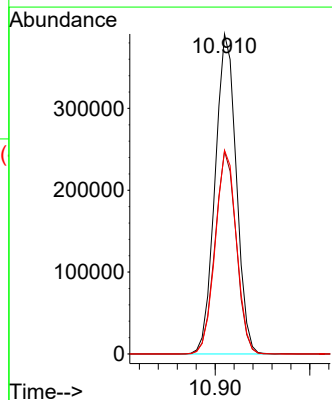
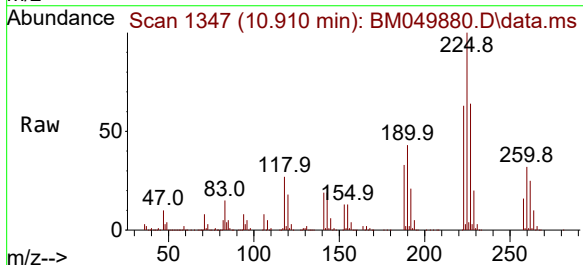
Instrument :
BNA_M
ClientSampleId :
WC-2MS

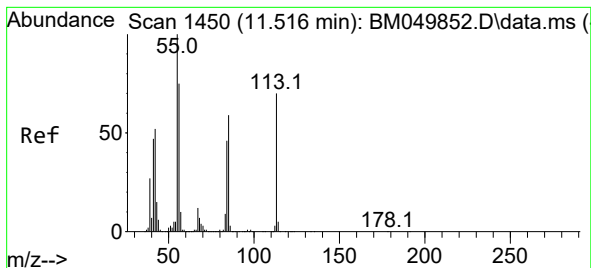
Tgt Ion:127	Resp: 227750
Ion Ratio	Lower Upper
127 100	
129 33.2	24.9 37.3
65 28.2	22.4 33.6
92 17.9	14.2 21.4



#34
Hexachlorobutadiene
Concen: 48.422 ng
RT: 10.910 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

Tgt Ion:225	Resp: 607753
Ion Ratio	Lower Upper
225 100	
223 63.4	49.4 74.2
227 63.7	50.1 75.1

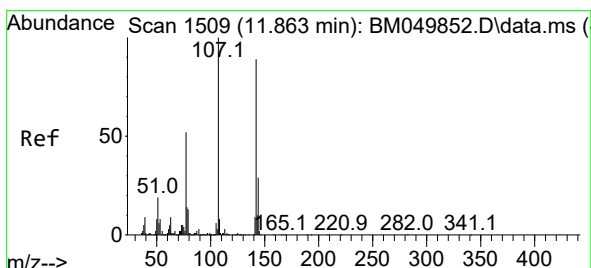
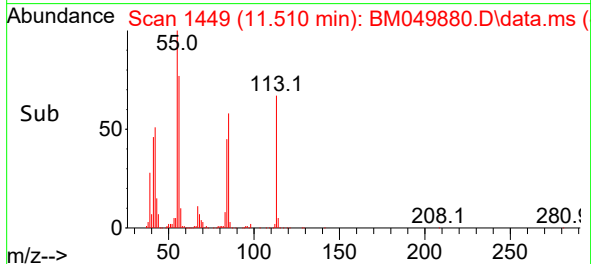
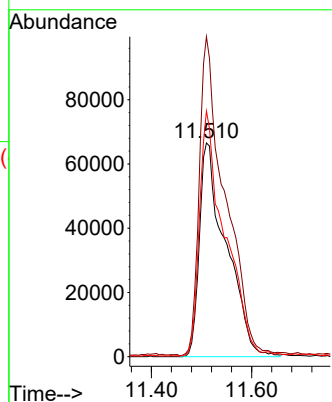
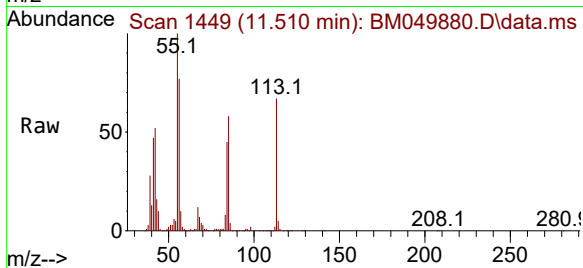




#35
 Caprolactam
 Concen: 48.573 ng
 RT: 11.510 min Scan# 1450
 Delta R.T. -0.006 min
 Lab File: BM049880.D
 Acq: 10 Apr 2025 12:13

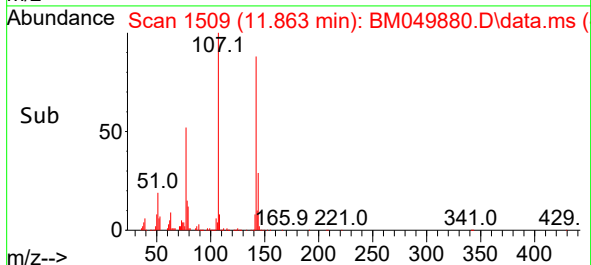
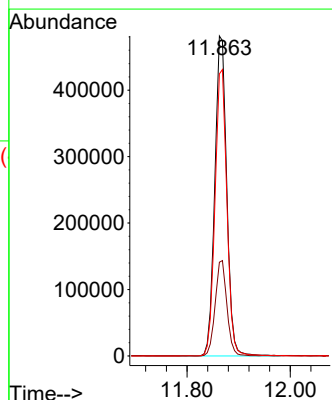
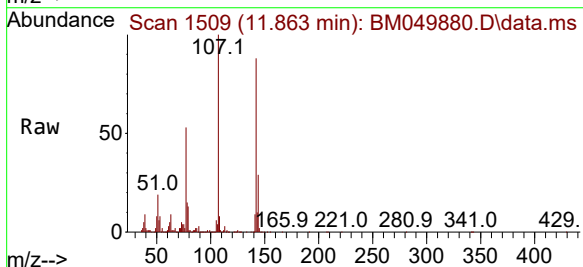
Instrument :
 BNA_M
 ClientSampleId :
 WC-2MS

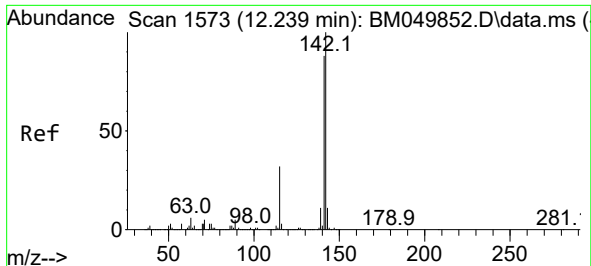
Tgt Ion:113 Resp: 244348
 Ion Ratio Lower Upper
 113 100
 55 149.7 124.3 164.3
 56 114.9 87.5 127.5



#36
 4-Chloro-3-methylphenol
 Concen: 50.282 ng
 RT: 11.863 min Scan# 1509
 Delta R.T. -0.000 min
 Lab File: BM049880.D
 Acq: 10 Apr 2025 12:13

Tgt Ion:107 Resp: 772524
 Ion Ratio Lower Upper
 107 100
 144 29.3 23.6 35.4
 142 88.1 71.4 107.0

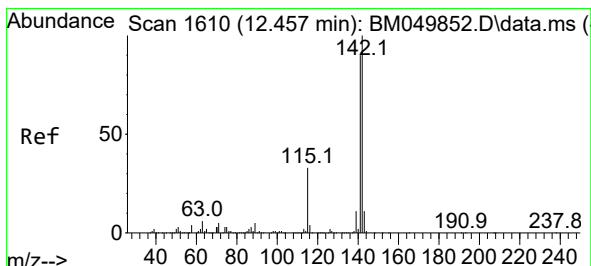
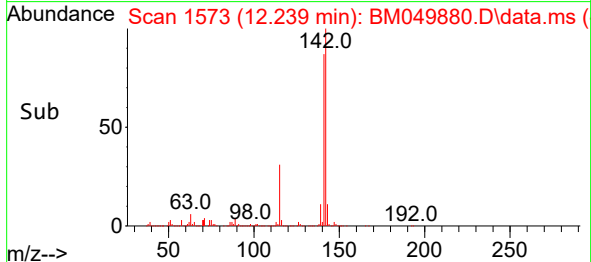
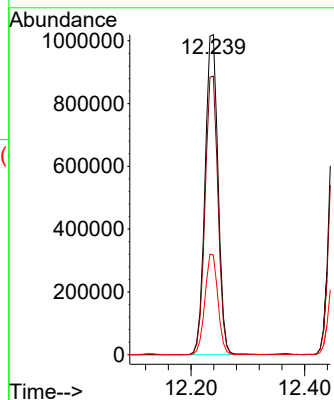
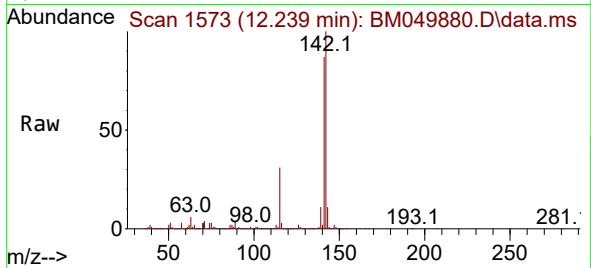




#37
2-Methylnaphthalene
Concen: 43.855 ng
RT: 12.239 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

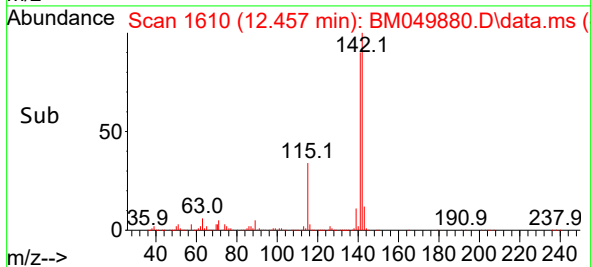
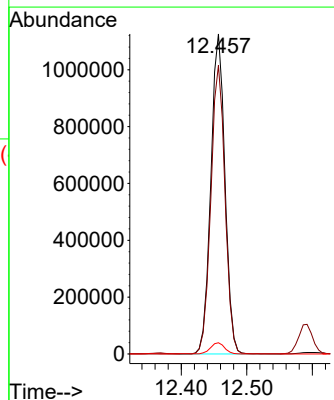
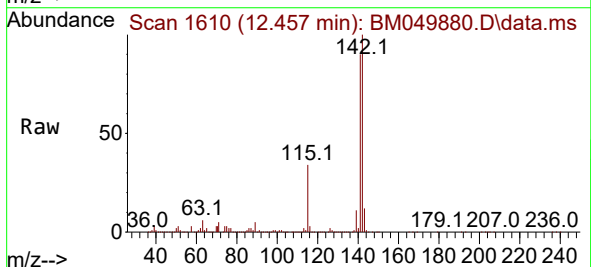
Instrument :
BNA_M
ClientSampleId :
WC-2MS

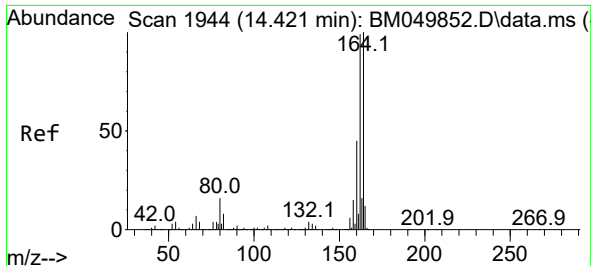
Tgt Ion:142 Resp: 1612921
Ion Ratio Lower Upper
142 100
141 87.1 70.2 105.2
115 31.2 25.4 38.2



#38
1-Methylnaphthalene
Concen: 46.957 ng
RT: 12.457 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

Tgt Ion:142 Resp: 1682497
Ion Ratio Lower Upper
142 100
141 90.2 72.2 108.2
116 3.5 2.9 4.3

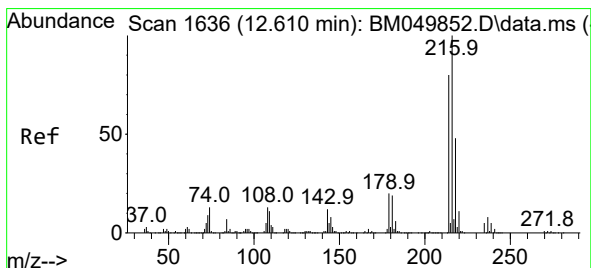
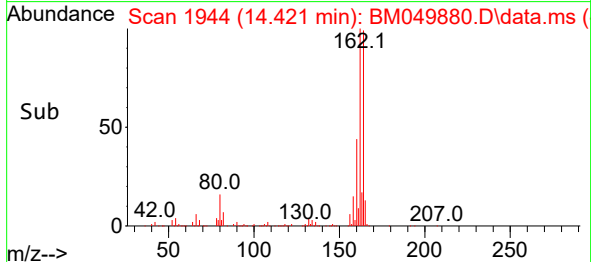
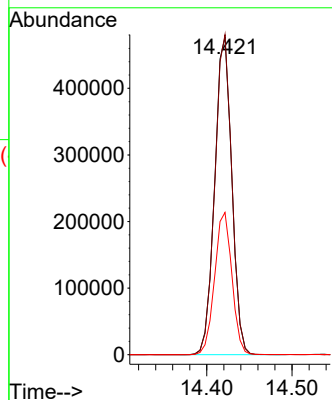
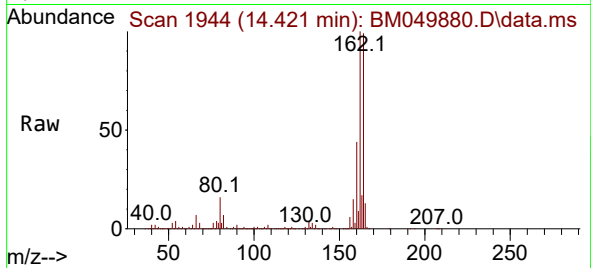




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.421 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

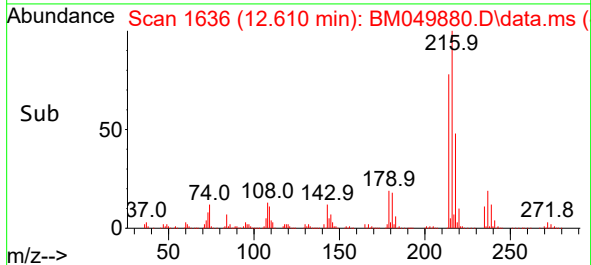
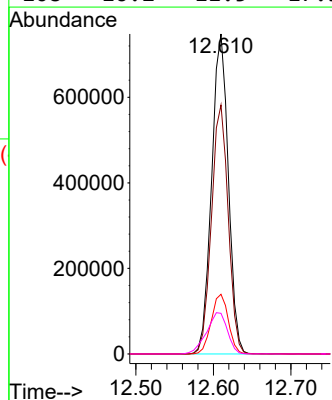
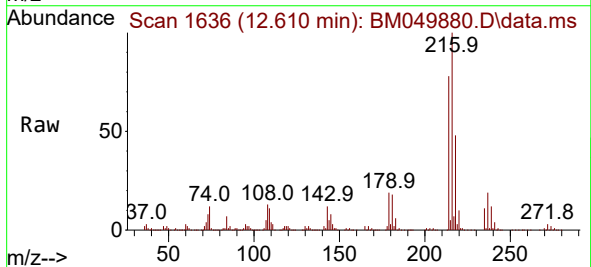
Instrument :
BNA_M
ClientSampleId :
WC-2MS

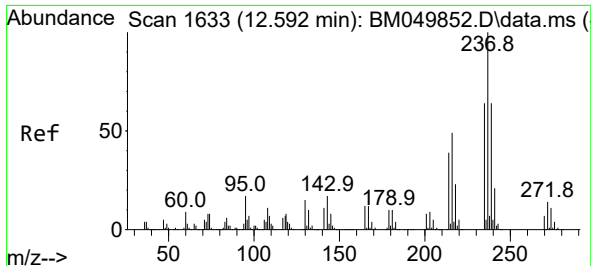
Tgt Ion:164 Resp: 665646
Ion Ratio Lower Upper
164 100
162 100.8 79.4 119.0
160 44.8 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.046 ng
RT: 12.610 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

Tgt Ion:216 Resp: 1118870
Ion Ratio Lower Upper
216 100
214 78.0 63.2 94.8
179 19.1 15.8 23.6
108 16.2 11.5 17.3

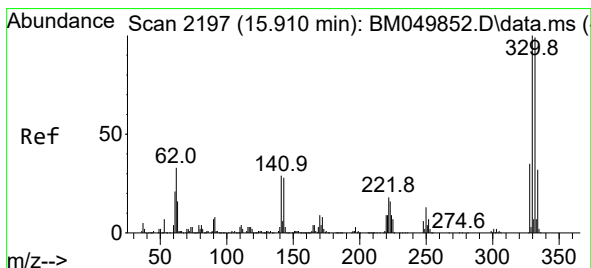
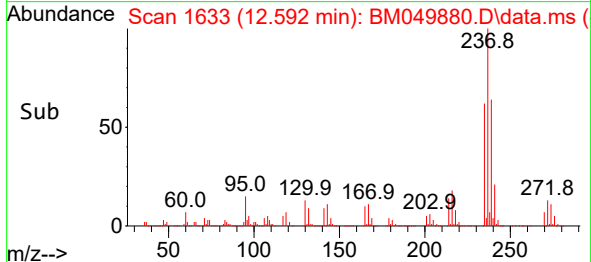
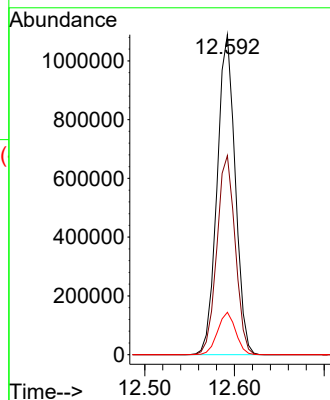
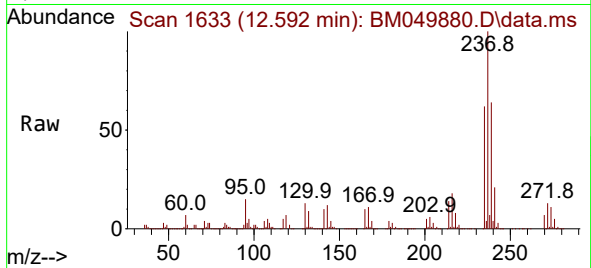




#41
Hexachlorocyclopentadiene
Concen: 187.065 ng
RT: 12.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

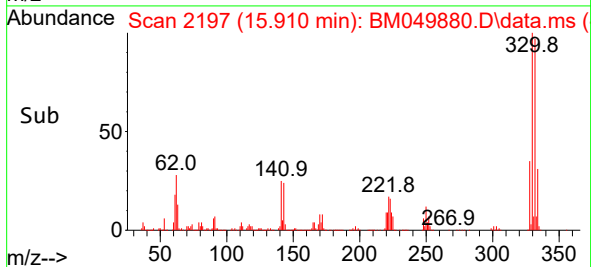
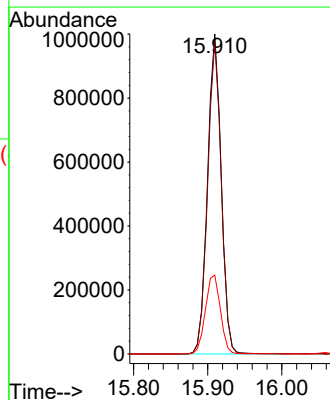
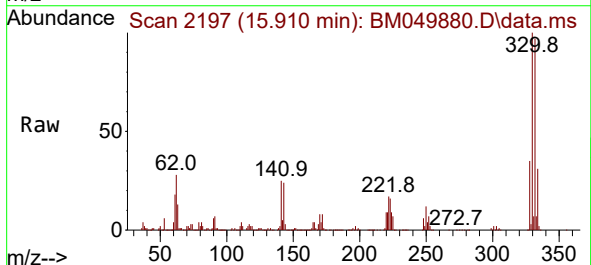
Instrument :
BNA_M
ClientSampleId :
WC-2MS

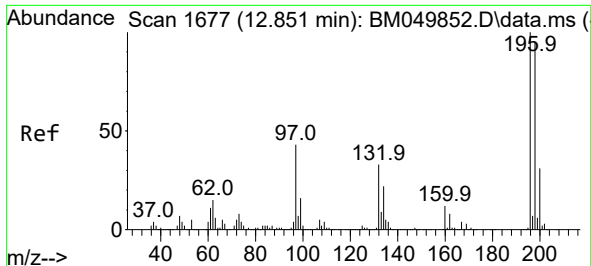
Tgt Ion:237 Resp: 1526461
Ion Ratio Lower Upper
237 100
235 62.2 43.7 83.7
272 13.2 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 132.892 ng
RT: 15.910 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

Tgt Ion:330 Resp: 1286672
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 27.1 23.5 35.3

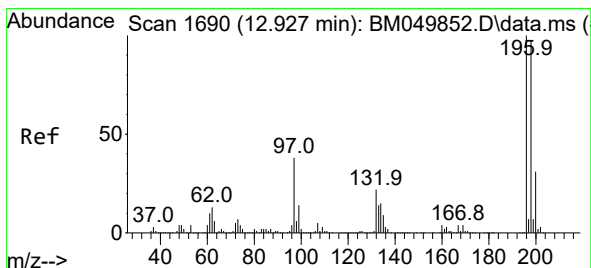
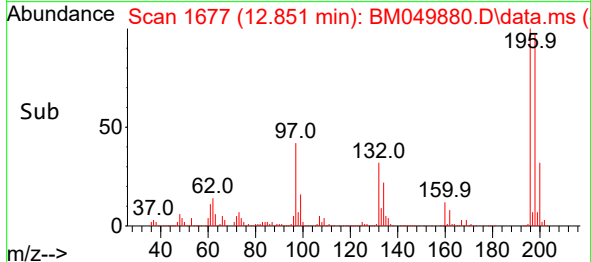
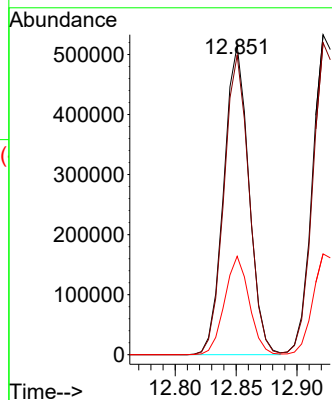
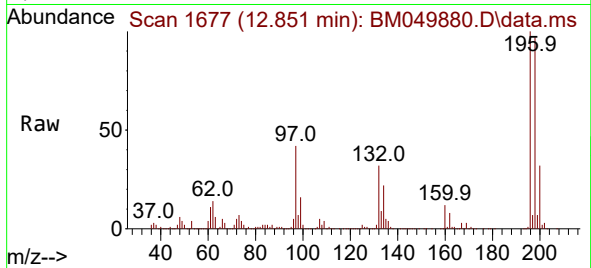




#43
2,4,6-Trichlorophenol
Concen: 49.879 ng
RT: 12.851 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

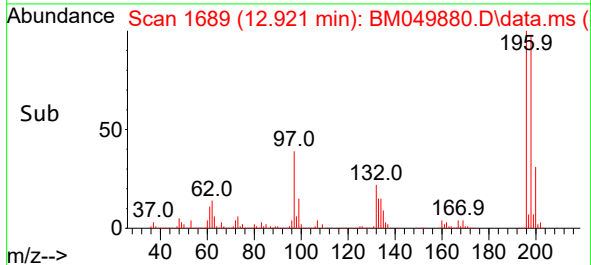
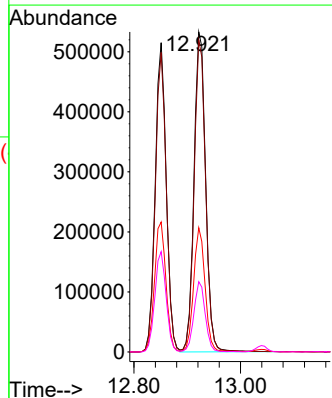
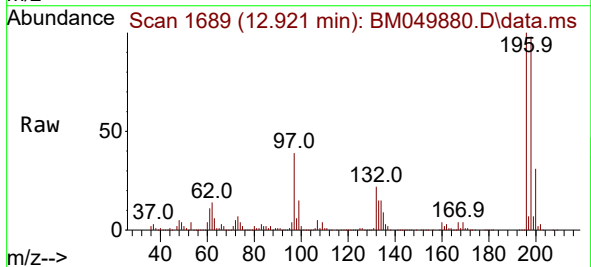
Instrument :
BNA_M
ClientSampleId :
WC-2MS

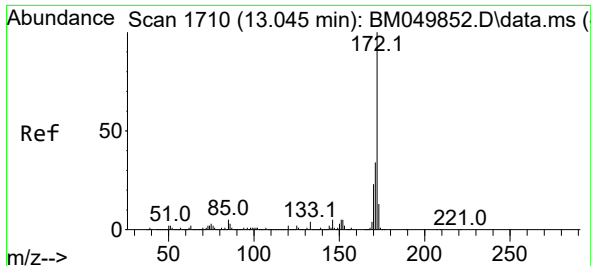
Tgt Ion:196 Resp: 739137
Ion Ratio Lower Upper
196 100
198 96.9 76.1 114.1
200 31.8 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 50.385 ng
RT: 12.921 min Scan# 1689
Delta R.T. -0.006 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

Tgt Ion:196 Resp: 811369
Ion Ratio Lower Upper
196 100
198 97.5 77.7 116.5
97 38.8 30.3 45.5
132 21.9 17.3 25.9

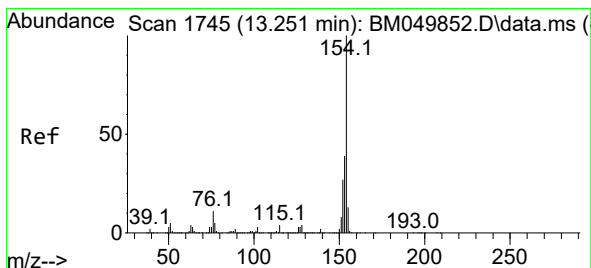
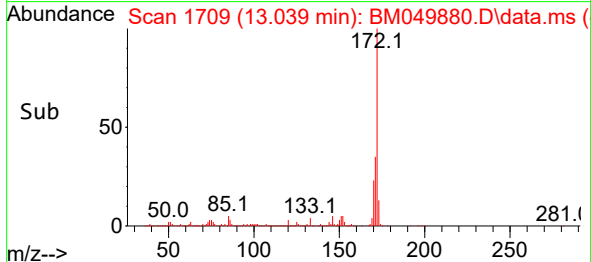
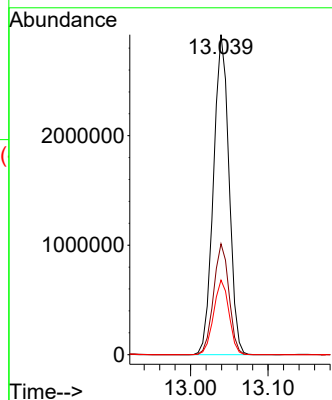
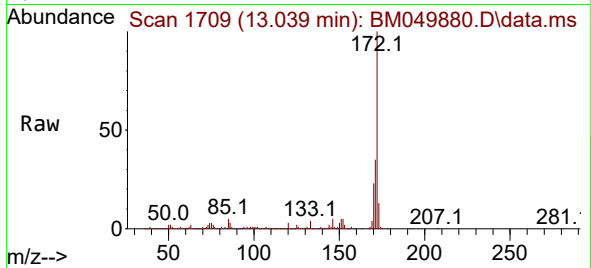




#45
2-Fluorobiphenyl
Concen: 82.826 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

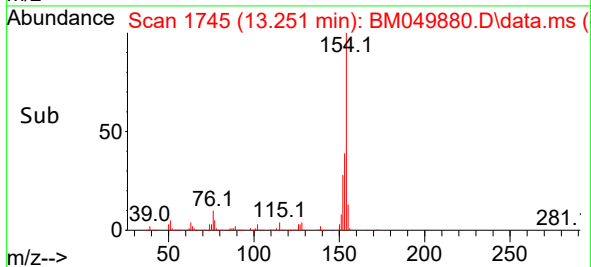
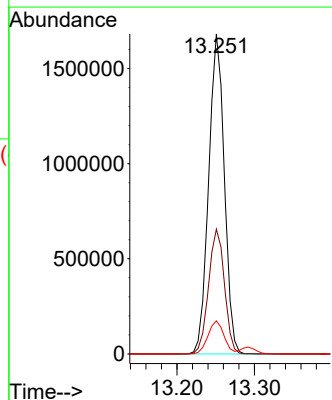
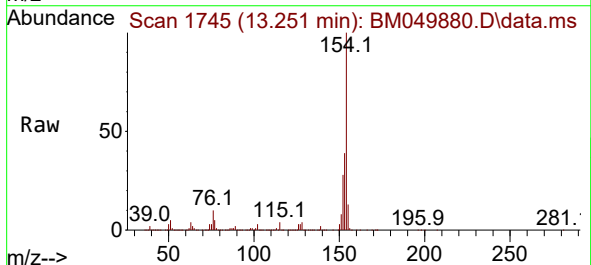
Instrument :
BNA_M
ClientSampleId :
WC-2MS

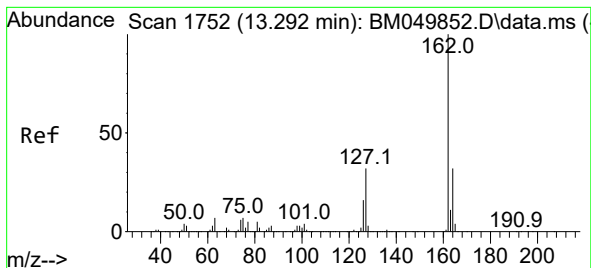
Tgt Ion:172 Resp: 4065787
Ion Ratio Lower Upper
172 100
171 34.6 27.4 41.2
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 47.596 ng
RT: 13.251 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

Tgt Ion:154 Resp: 2355126
Ion Ratio Lower Upper
154 100
153 39.0 19.3 59.3
76 10.3 0.0 30.7





#47

2-Chloronaphthalene

Concen: 47.898 ng

RT: 13.292 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM049880.D

Acq: 10 Apr 2025 12:13

Instrument :

BNA_M

ClientSampleId :

WC-2MS

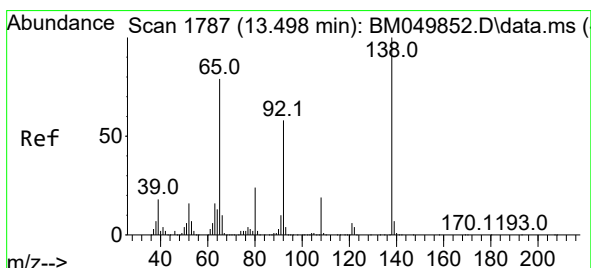
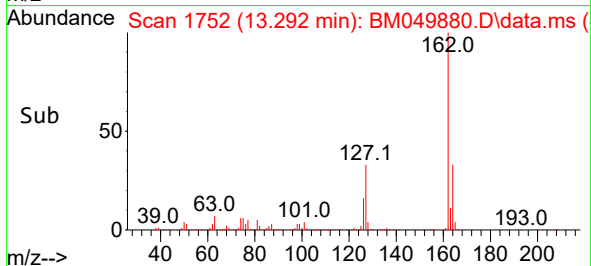
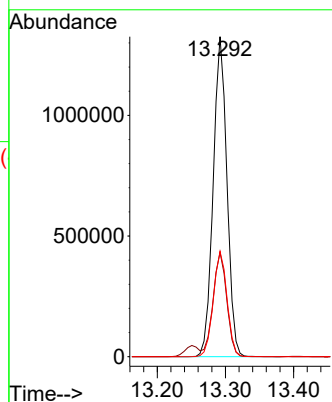
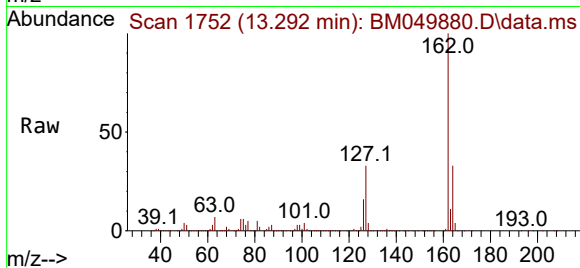
Tgt Ion:162 Resp: 1862857

Ion Ratio Lower Upper

162 100

127 32.6 26.0 39.0

164 32.9 25.9 38.9



#48

2-Nitroaniline

Concen: 49.972 ng

RT: 13.492 min Scan# 1786

Delta R.T. -0.006 min

Lab File: BM049880.D

Acq: 10 Apr 2025 12:13

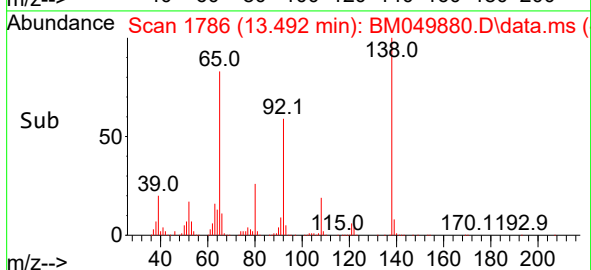
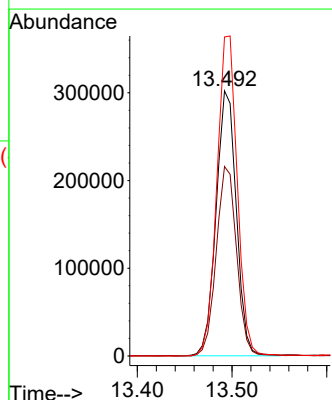
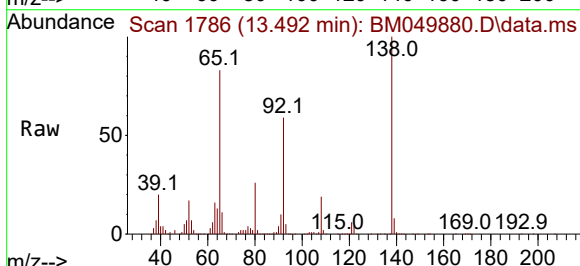
Tgt Ion: 65 Resp: 449619

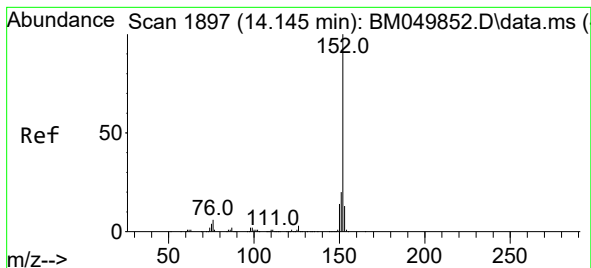
Ion Ratio Lower Upper

65 100

92 71.5 58.4 87.6

138 120.3 100.8 151.2





#49

Acenaphthylene

Concen: 52.259 ng

RT: 14.139 min Scan# 1896

Delta R.T. -0.006 min

Lab File: BM049880.D

Acq: 10 Apr 2025 12:13

Instrument :

BNA_M

ClientSampleId :

WC-2MS

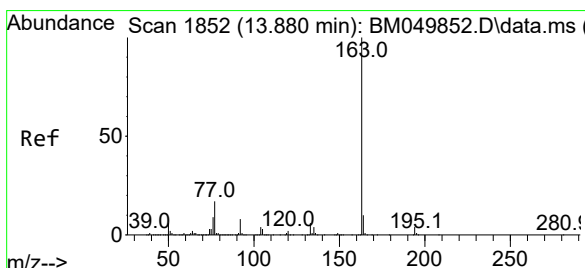
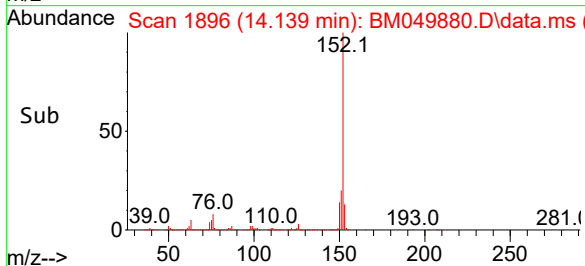
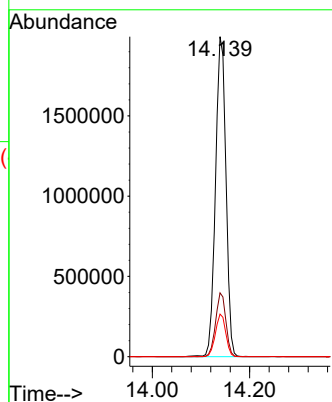
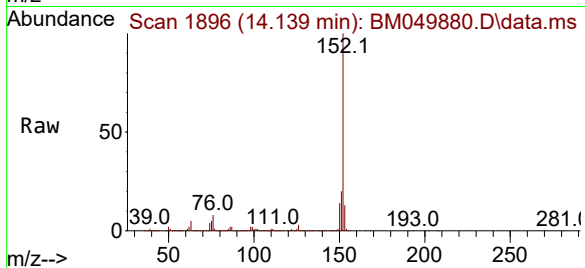
Tgt Ion:152 Resp: 2960595

Ion Ratio Lower Upper

152 100

151 19.9 15.7 23.5

153 13.3 10.4 15.6



#50

Dimethylphthalate

Concen: 48.400 ng

RT: 13.880 min Scan# 1852

Delta R.T. -0.000 min

Lab File: BM049880.D

Acq: 10 Apr 2025 12:13

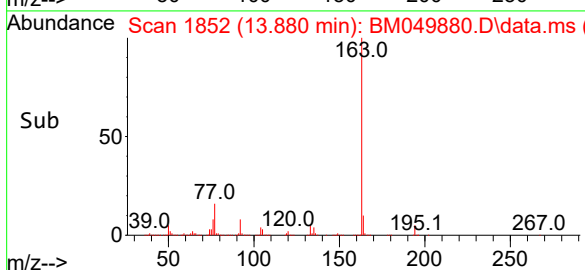
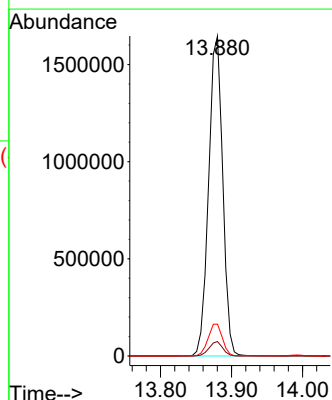
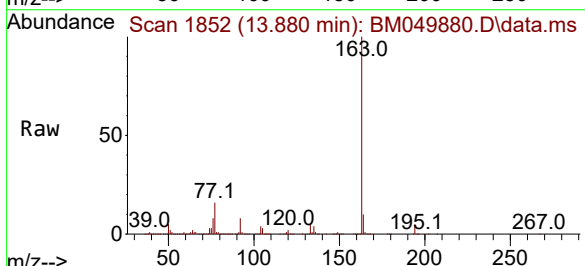
Tgt Ion:163 Resp: 2272889

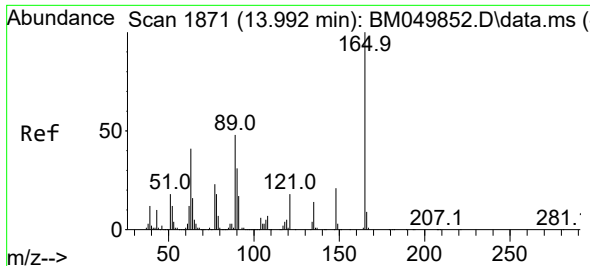
Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 9.9 7.9 11.9

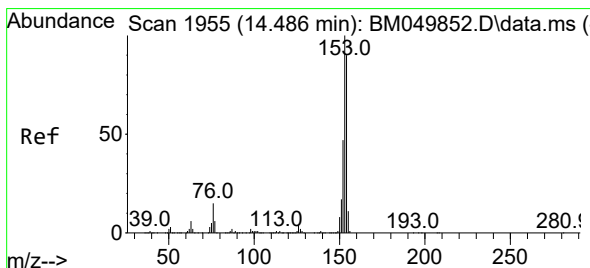
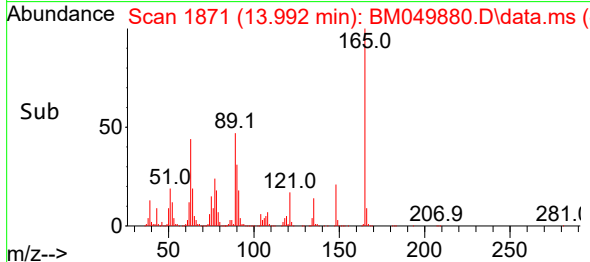
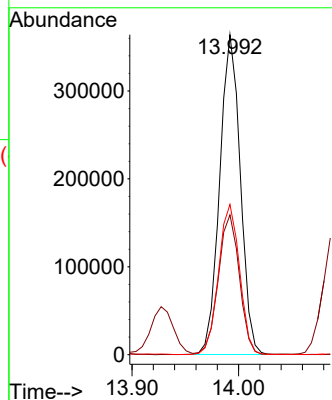
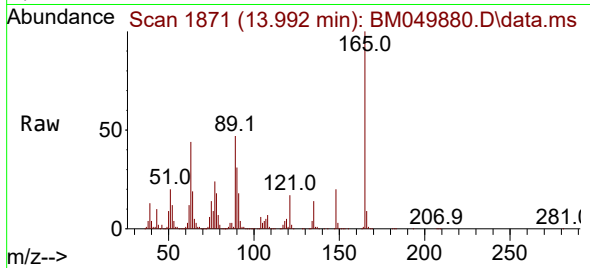




#51
2,6-Dinitrotoluene
Concen: 49.651 ng
RT: 13.992 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

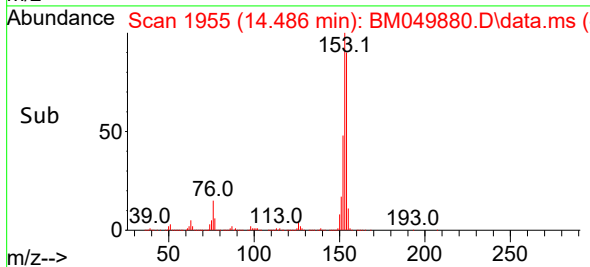
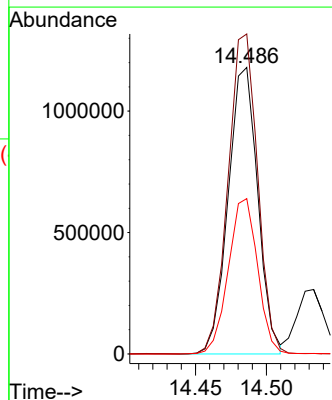
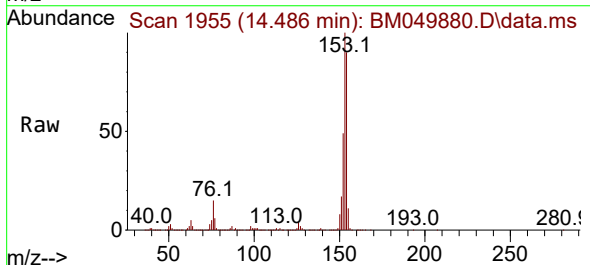
Instrument :
BNA_M
ClientSampleId :
WC-2MS

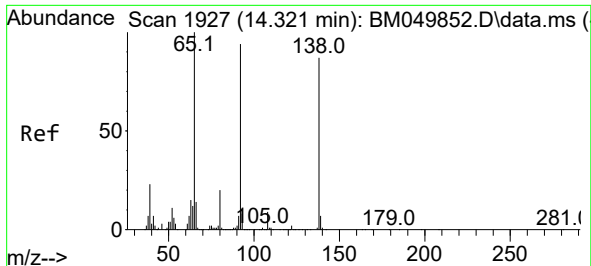
Tgt Ion:165 Resp: 488506
Ion Ratio Lower Upper
165 100
63 43.7 36.1 54.1
89 46.9 38.3 57.5



#52
Acenaphthene
Concen: 47.489 ng
RT: 14.486 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

Tgt Ion:154 Resp: 1711288
Ion Ratio Lower Upper
154 100
153 111.7 89.3 133.9
152 54.2 42.2 63.2

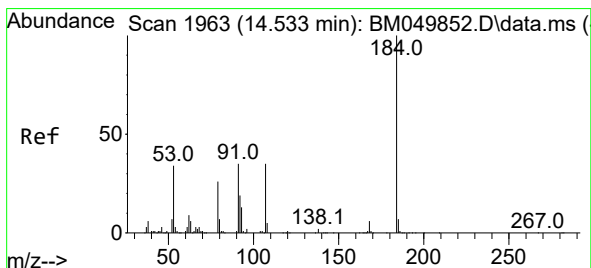
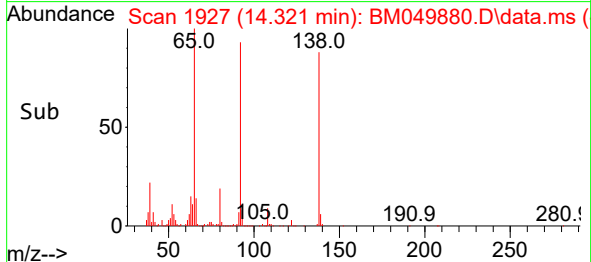
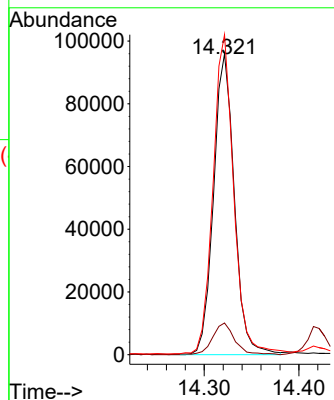
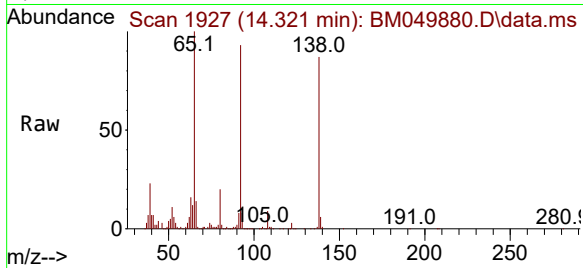




#53
3-Nitroaniline
Concen: 15.377 ng
RT: 14.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

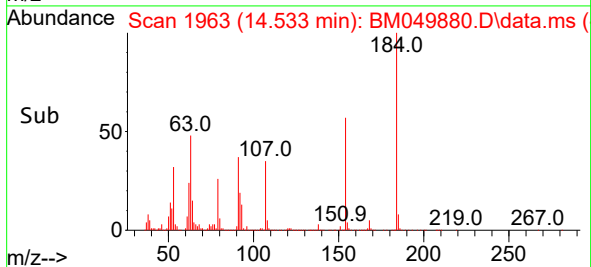
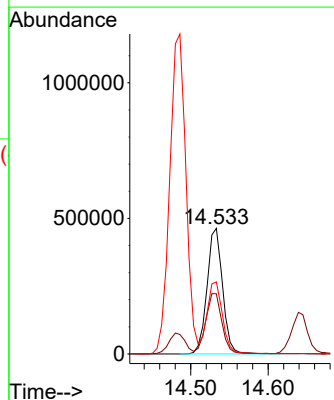
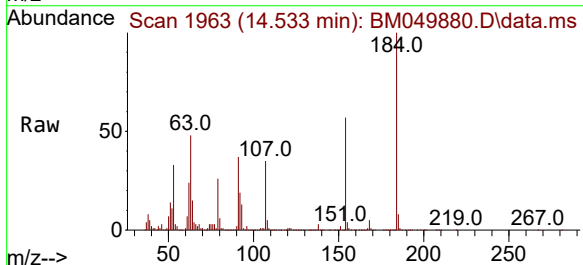
Instrument :
BNA_M
ClientSampleId :
WC-2MS

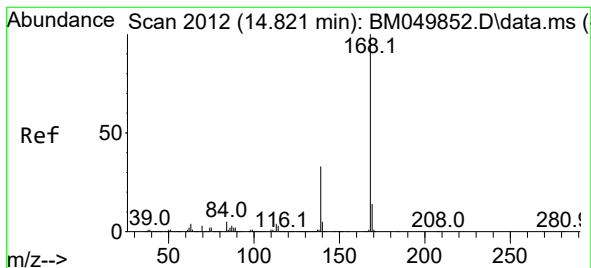
Tgt Ion:138 Resp: 146222
Ion Ratio Lower Upper
138 100
108 10.5 8.1 12.1
92 106.4 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 89.857 ng
RT: 14.533 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

Tgt Ion:184 Resp: 647212
Ion Ratio Lower Upper
184 100
63 47.9 38.4 57.6
154 57.3 48.1 72.1

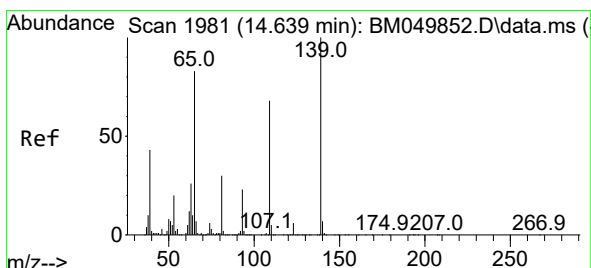
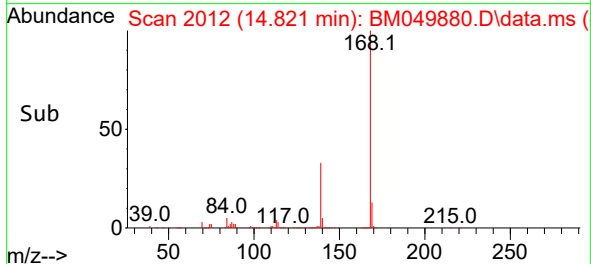
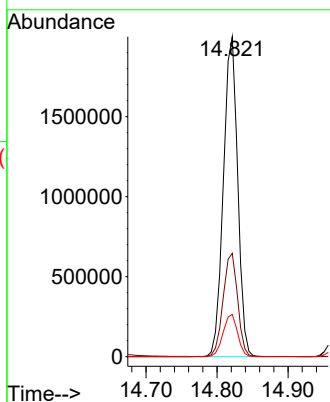
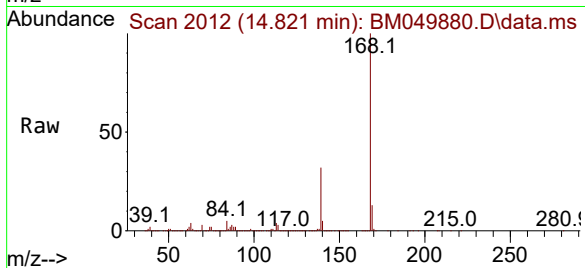




#55
Dibenzofuran
Concen: 46.192 ng
RT: 14.821 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

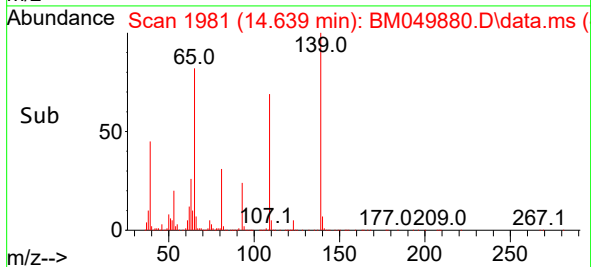
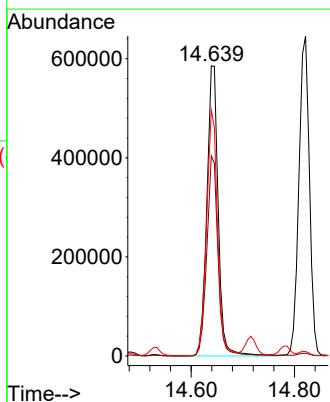
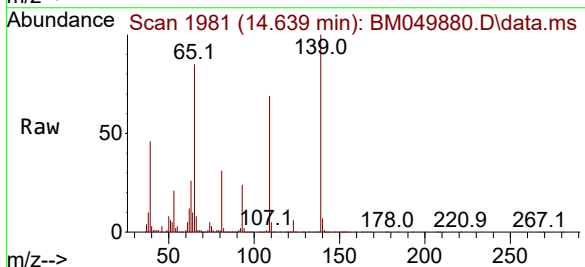
Instrument :
BNA_M
ClientSampleId :
WC-2MS

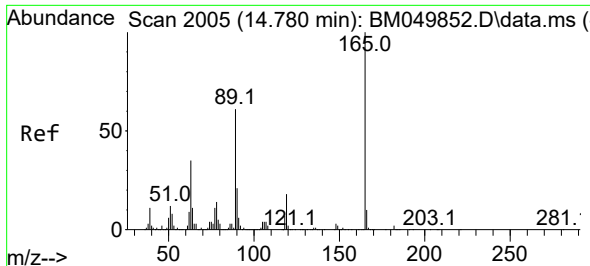
Tgt Ion:168 Resp: 2782620
Ion Ratio Lower Upper
168 100
139 32.3 26.6 39.8
169 13.2 11.0 16.4



#56
4-Nitrophenol
Concen: 105.552 ng
RT: 14.639 min Scan# 1981
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

Tgt Ion:139 Resp: 894451
Ion Ratio Lower Upper
139 100
109 69.0 47.9 87.9
65 84.8 62.7 102.7





#57

2,4-Dinitrotoluene

Concen: 52.551 ng

RT: 14.780 min Scan# 2005

Delta R.T. -0.000 min

Lab File: BM049880.D

Acq: 10 Apr 2025 12:13

Instrument :

BNA_M

ClientSampleId :

WC-2MS

Tgt Ion:165 Resp: 689779

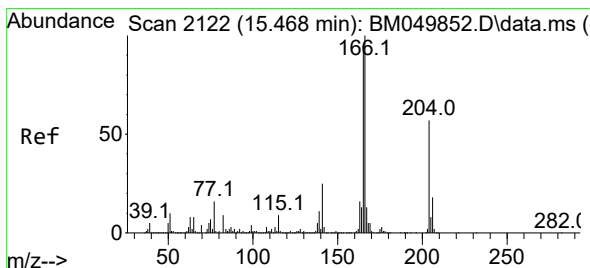
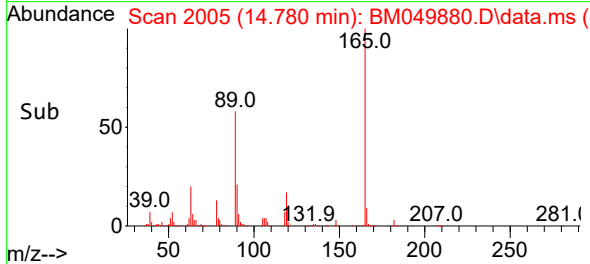
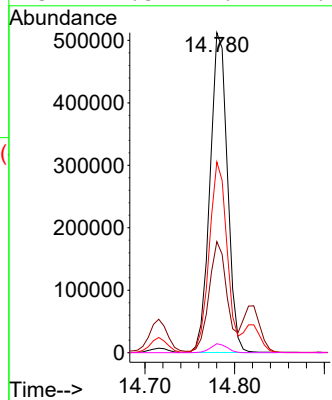
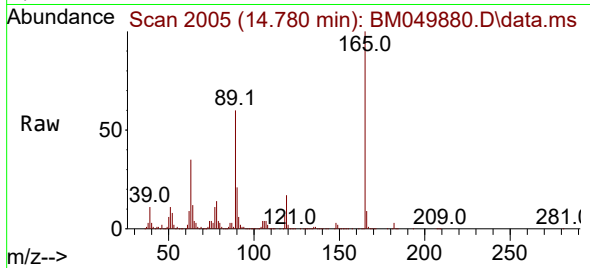
Ion Ratio Lower Upper

165 100

63 34.7 28.6 42.8

89 59.6 49.0 73.6

182 2.8 1.9 2.9



#58

Fluorene

Concen: 48.694 ng

RT: 15.468 min Scan# 2122

Delta R.T. -0.000 min

Lab File: BM049880.D

Acq: 10 Apr 2025 12:13

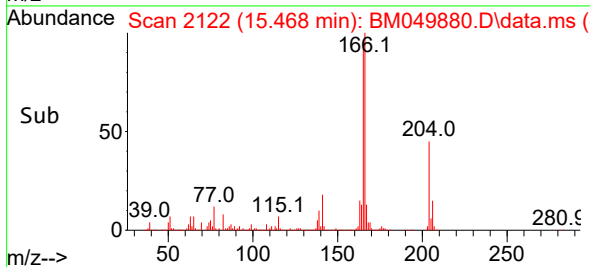
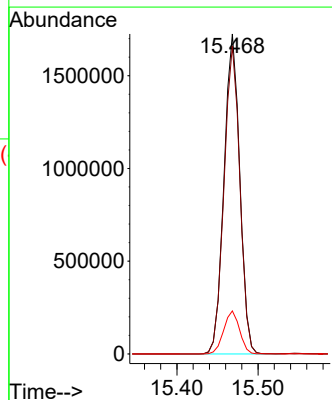
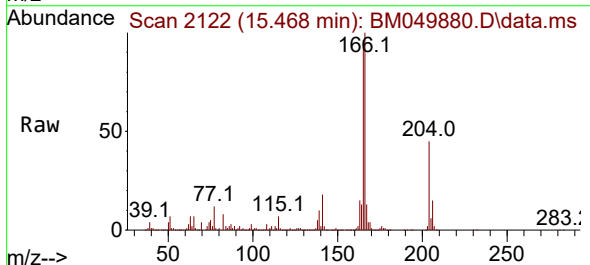
Tgt Ion:166 Resp: 2331663

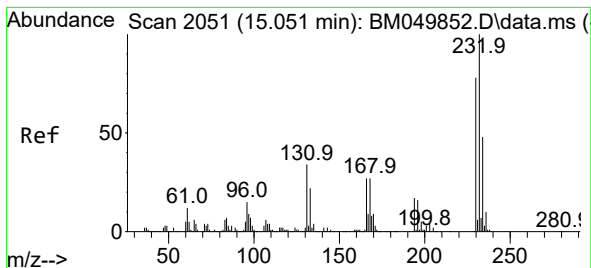
Ion Ratio Lower Upper

166 100

165 96.3 76.3 114.5

167 13.4 10.7 16.1

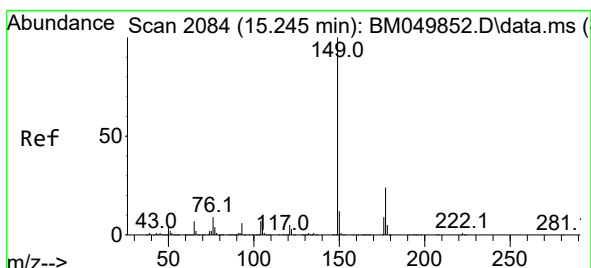
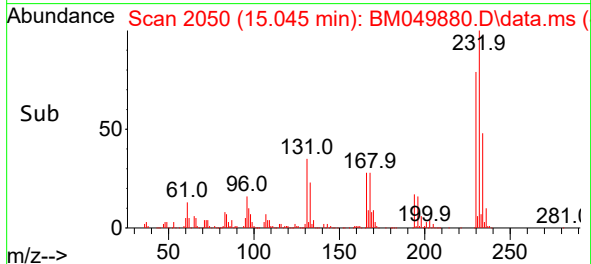
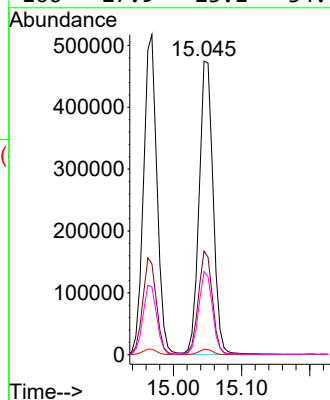
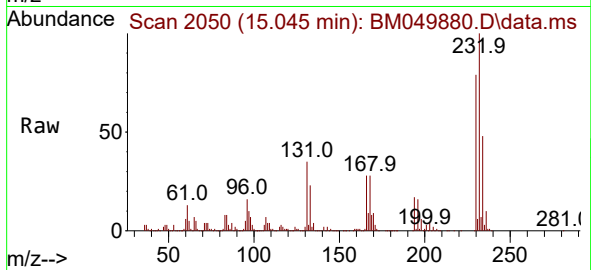




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.995 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

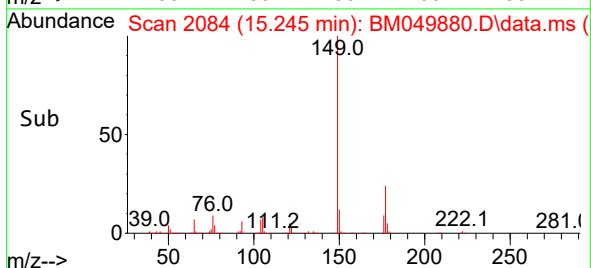
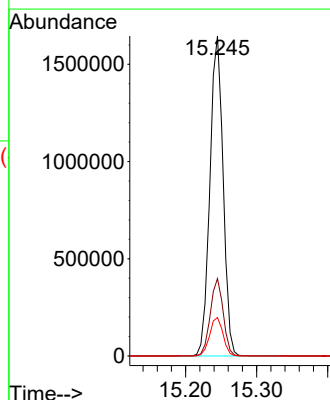
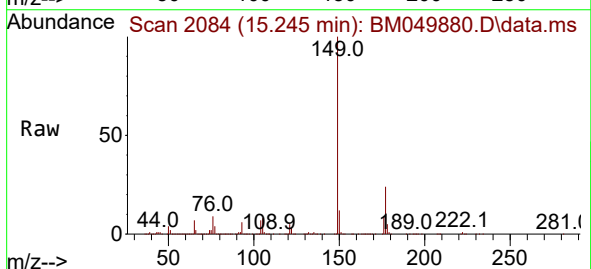
Instrument :
BNA_M
ClientSampleId :
WC-2MS

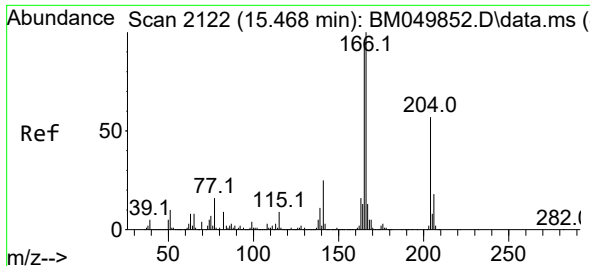
Tgt Ion:232 Resp: 677411
Ion Ratio Lower Upper
232 100
131 35.3 28.4 42.6
130 1.9 1.6 2.4
166 27.9 23.1 34.7



#60
Diethylphthalate
Concen: 47.243 ng
RT: 15.245 min Scan# 2084
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

Tgt Ion:149 Resp: 2127556
Ion Ratio Lower Upper
149 100
177 24.2 19.0 28.4
150 12.0 9.7 14.5

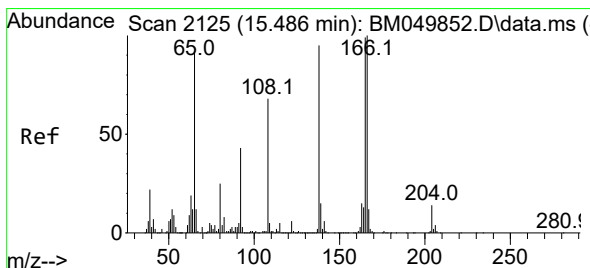
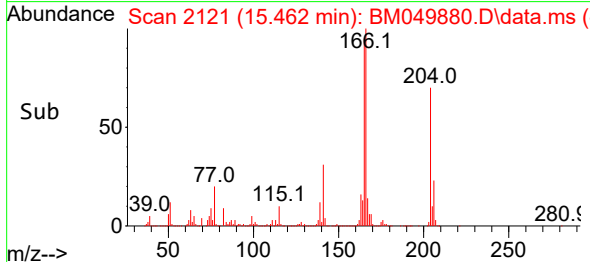
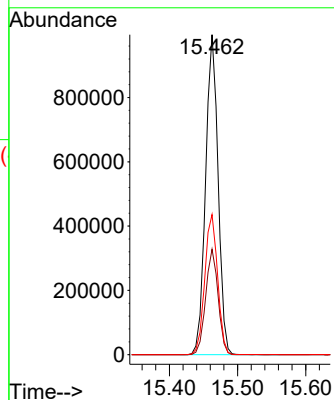
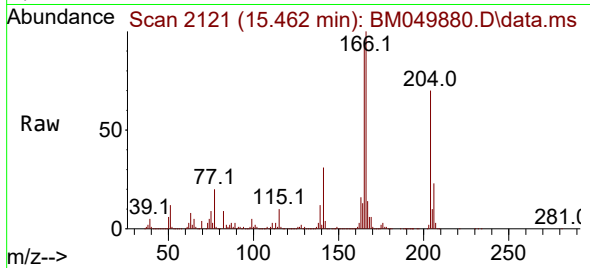




#61
4-Chlorophenyl-phenylether
Concen: 49.375 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

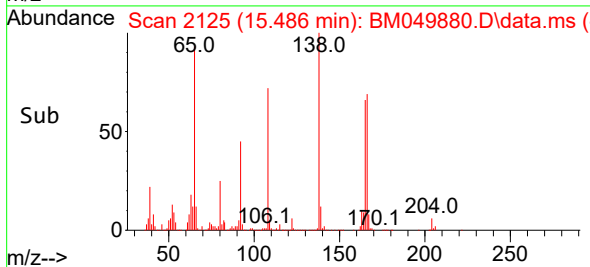
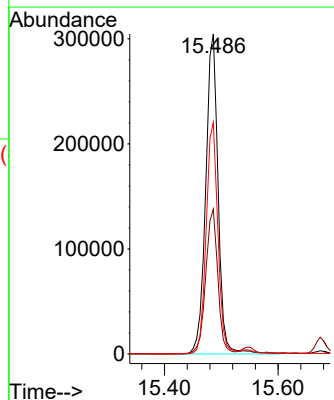
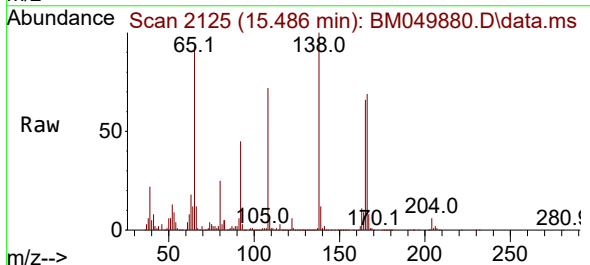
Instrument :
BNA_M
ClientSampleId :
WC-2MS

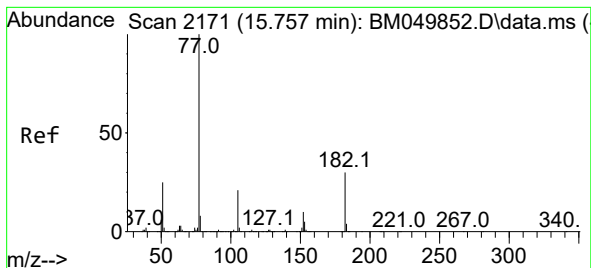
Tgt Ion:204 Resp: 1267578
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 43.8 35.0 52.6



#62
4-Nitroaniline
Concen: 46.854 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

Tgt Ion:138 Resp: 460760
Ion Ratio Lower Upper
138 100
92 45.2 24.9 64.9
108 72.3 51.7 91.7





#63

Azobenzene

Concen: 51.903 ng

RT: 15.757 min Scan# 2171

Delta R.T. -0.000 min

Lab File: BM049880.D

Acq: 10 Apr 2025 12:13

Instrument :

BNA_M

ClientSampleId :

WC-2MS

Tgt Ion: 77 Resp: 2001195

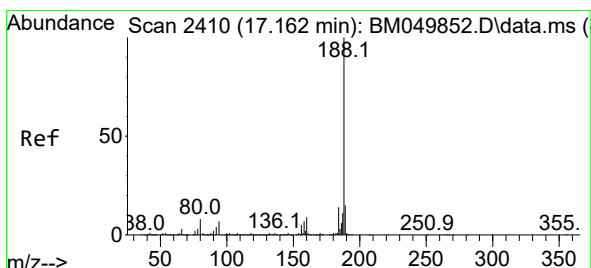
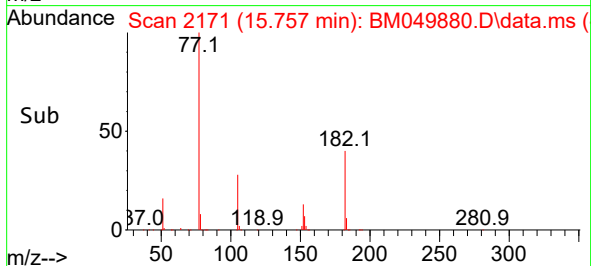
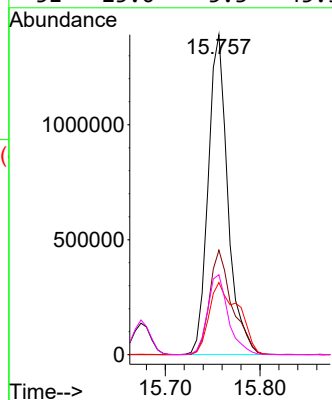
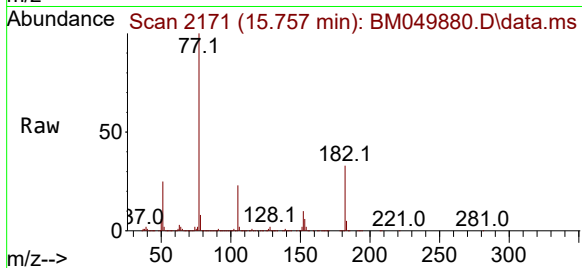
Ion Ratio Lower Upper

77 100

182 32.7 10.4 50.4

105 22.5 1.5 41.5

51 25.0 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: BM049880.D

Acq: 10 Apr 2025 12:13

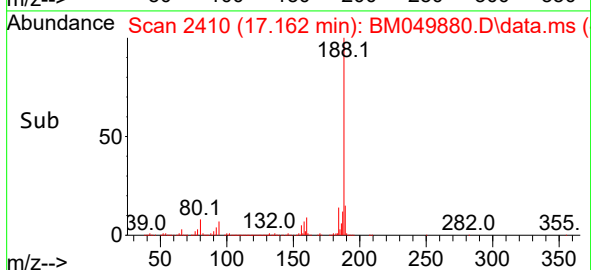
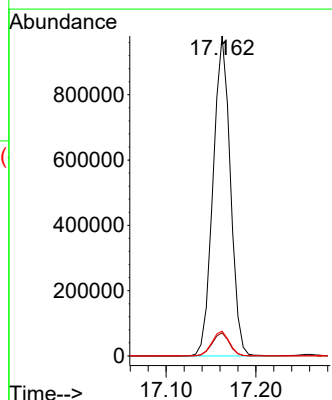
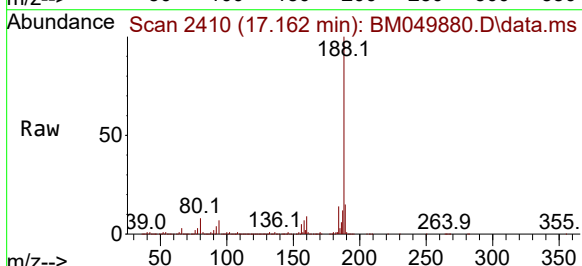
Tgt Ion:188 Resp: 1311952

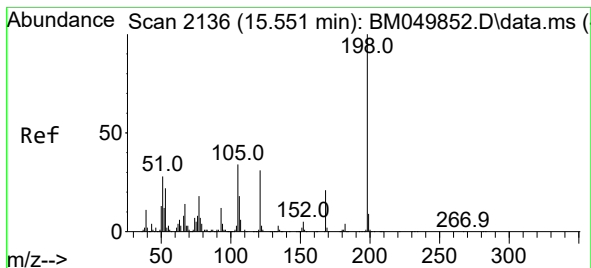
Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

80 7.8 6.4 9.6

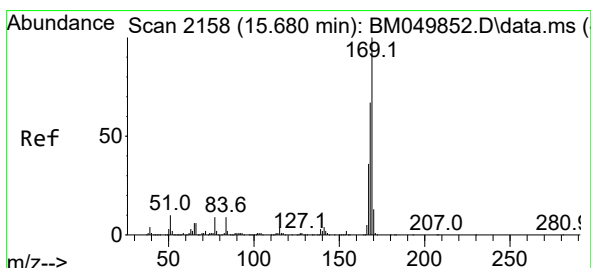
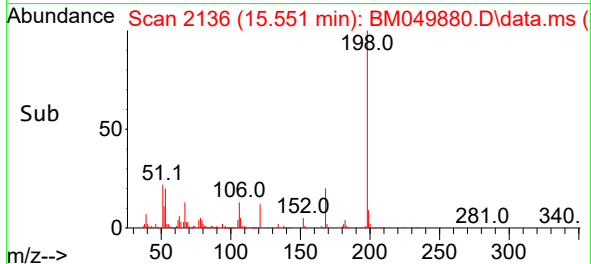
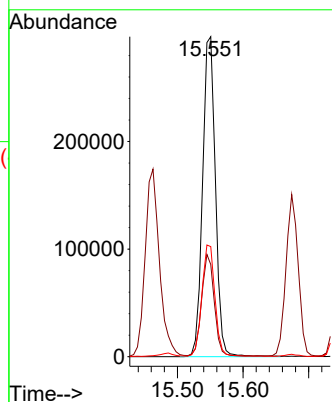
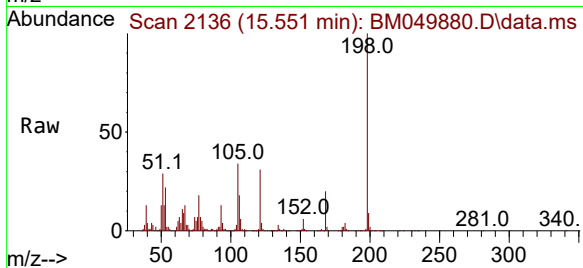




#65
4,6-Dinitro-2-methylphenol
Concen: 49.098 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

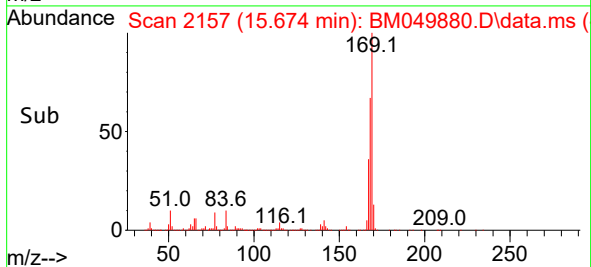
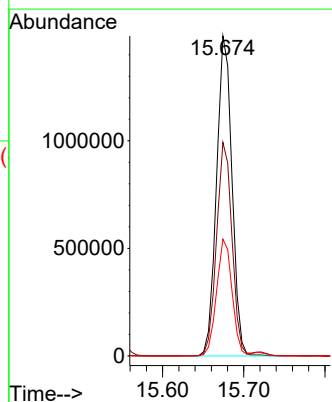
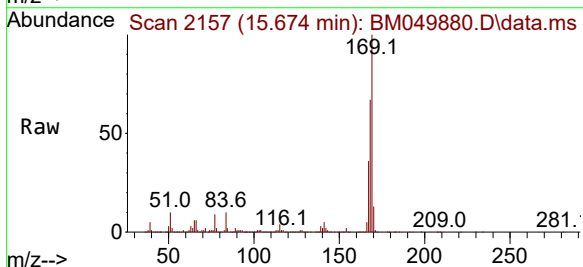
Instrument :
BNA_M
ClientSampleId :
WC-2MS

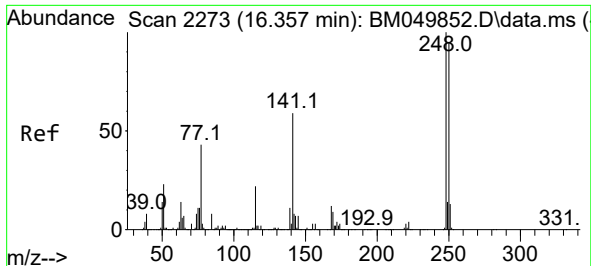
Tgt Ion:198 Resp: 405910
Ion Ratio Lower Upper
198 100
51 28.8 9.6 49.6
105 34.4 14.7 54.7



#66
n-Nitrosodiphenylamine
Concen: 50.145 ng
RT: 15.674 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

Tgt Ion:169 Resp: 1968783
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.2
167 36.5 29.0 43.6

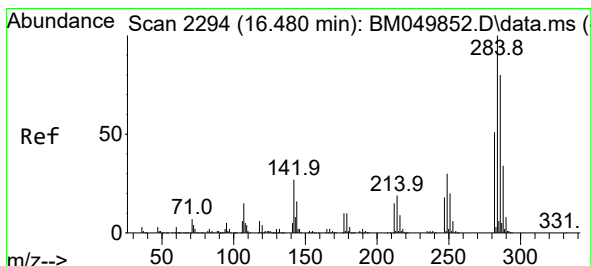
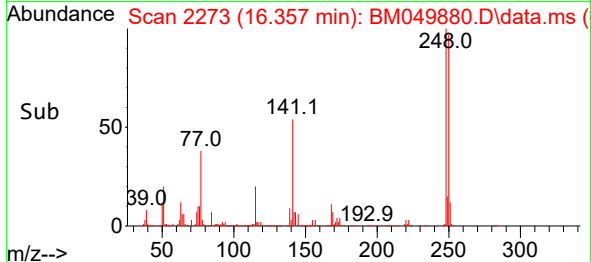
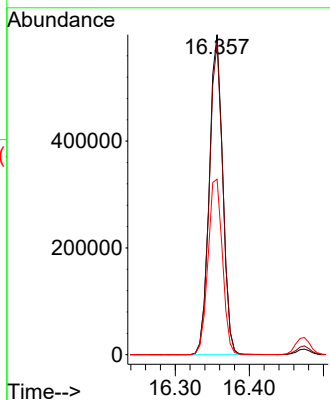
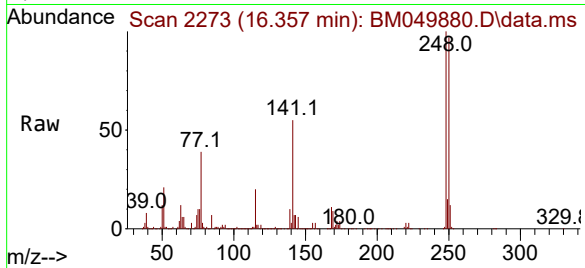




#67
4-Bromophenyl-phenylether
Concen: 49.578 ng
RT: 16.357 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

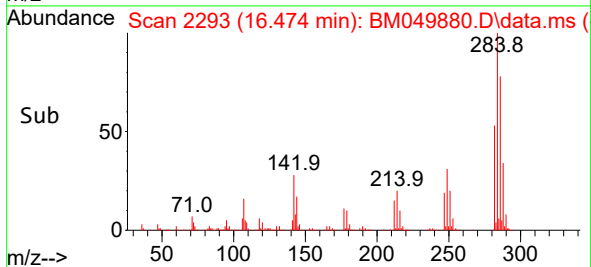
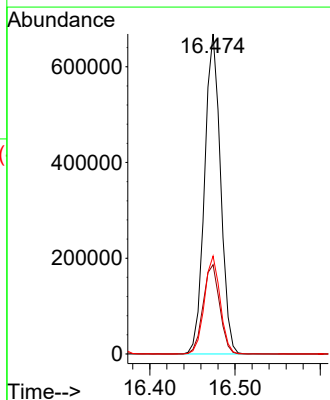
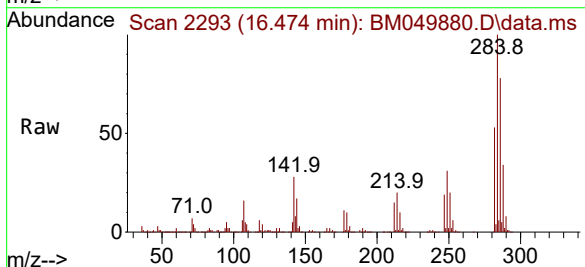
Instrument :
BNA_M
ClientSampleId :
WC-2MS

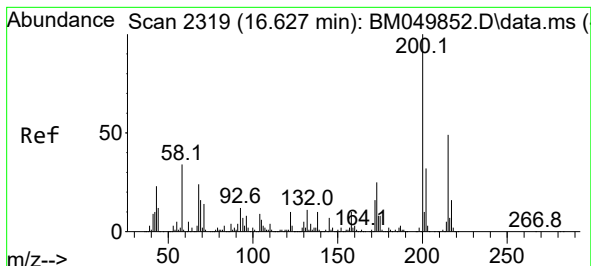
Tgt Ion:248 Resp: 755086
Ion Ratio Lower Upper
248 100
250 97.5 76.2 114.2
141 54.8 47.3 70.9



#68
Hexachlorobenzene
Concen: 49.813 ng
RT: 16.474 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

Tgt Ion:284 Resp: 870212
Ion Ratio Lower Upper
284 100
142 27.9 21.2 31.8
249 30.6 24.1 36.1





#69

Atrazine

Concen: 71.056 ng

RT: 16.627 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049880.D

Acq: 10 Apr 2025 12:13

Instrument :

BNA_M

ClientSampleId :

WC-2MS

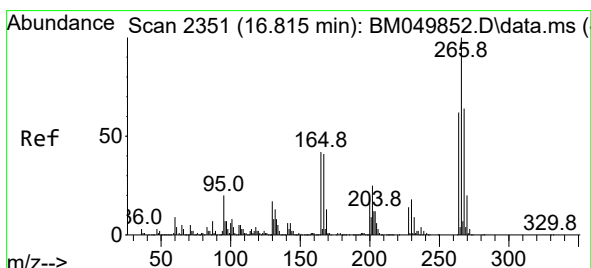
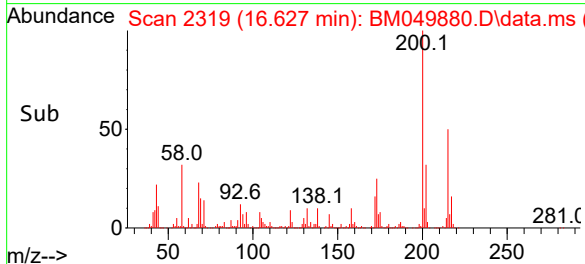
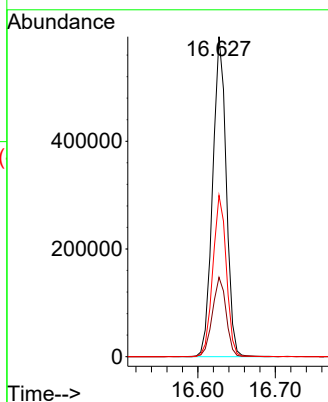
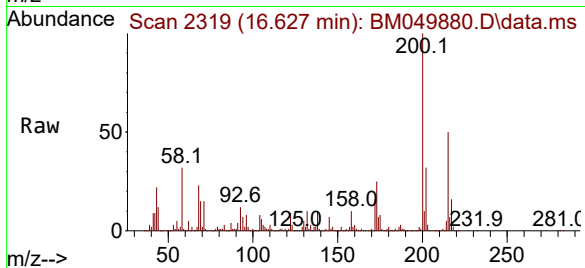
Tgt Ion:200 Resp: 723342

Ion Ratio Lower Upper

200 100

173 24.8 5.4 45.4

215 50.4 29.0 69.0



#70

Pentachlorophenol

Concen: 98.602 ng

RT: 16.815 min Scan# 2351

Delta R.T. -0.000 min

Lab File: BM049880.D

Acq: 10 Apr 2025 12:13

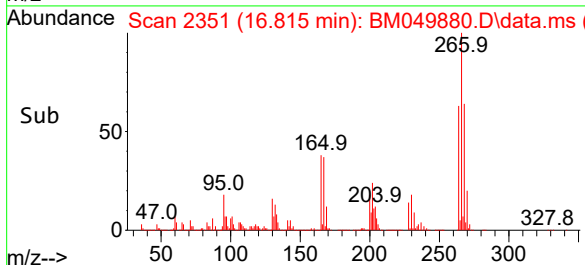
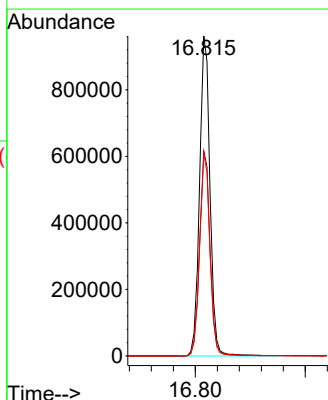
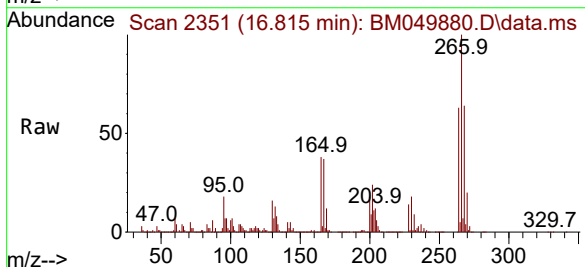
Tgt Ion:266 Resp: 1268149

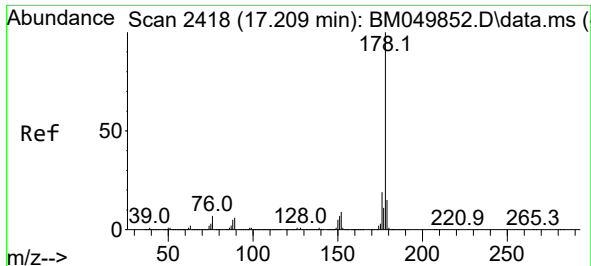
Ion Ratio Lower Upper

266 100

268 64.0 51.4 77.2

264 63.1 49.8 74.8

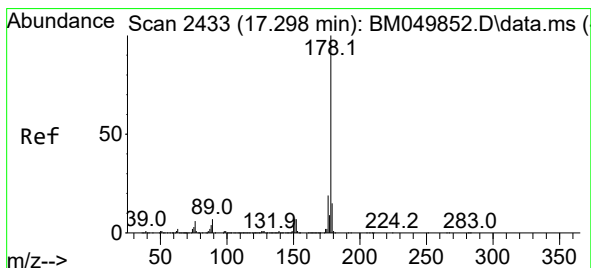
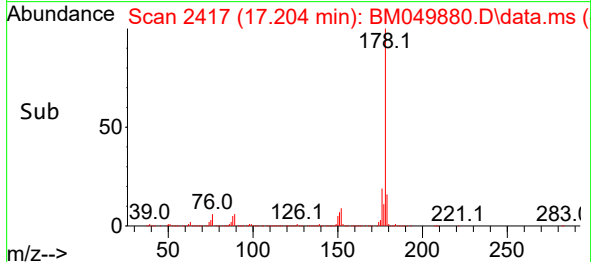
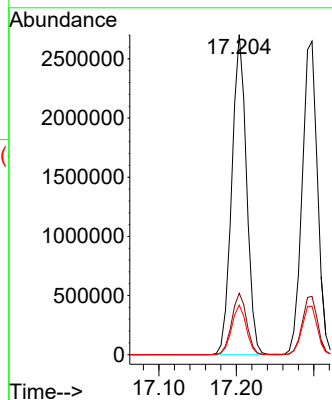
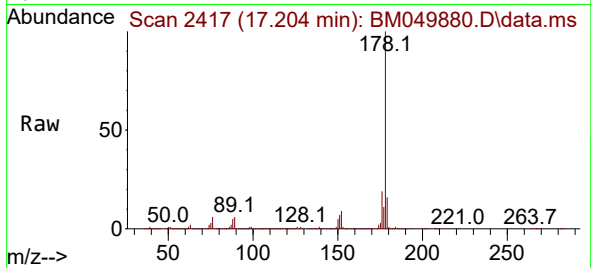




#71
Phenanthrene
Concen: 49.754 ng
RT: 17.204 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

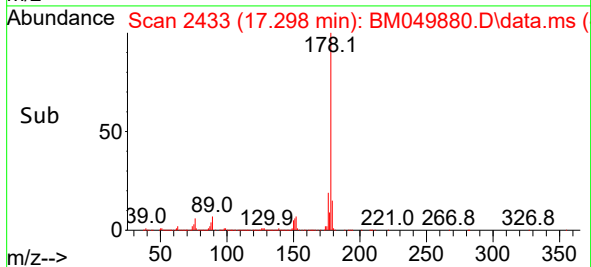
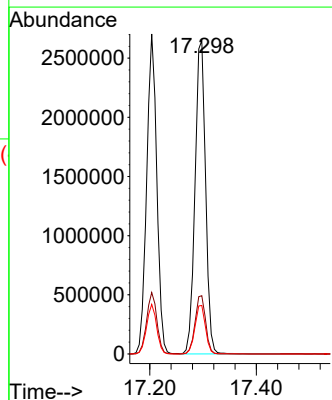
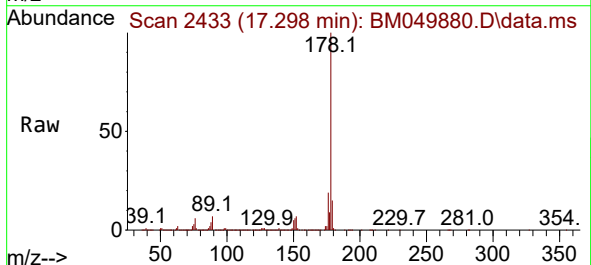
Instrument :
BNA_M
ClientSampleId :
WC-2MS

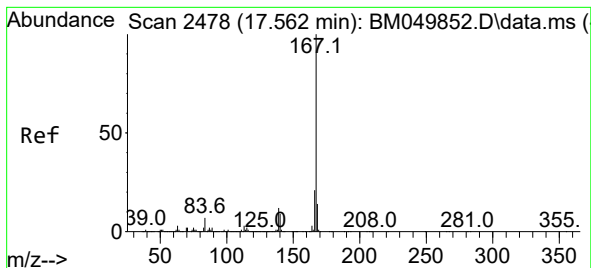
Tgt Ion:178 Resp: 3578598
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.5 12.3 18.5



#72
Anthracene
Concen: 51.429 ng
RT: 17.298 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

Tgt Ion:178 Resp: 3645371
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.5 12.4 18.6





#73

Carbazole

Concen: 49.650 ng

RT: 17.562 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM049880.D

Acq: 10 Apr 2025 12:13

Instrument :

BNA_M

ClientSampleId :

WC-2MS

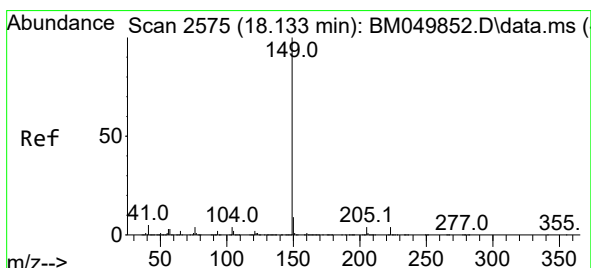
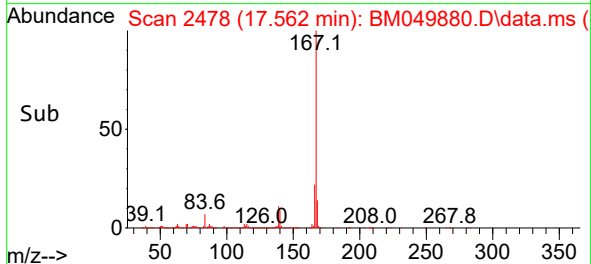
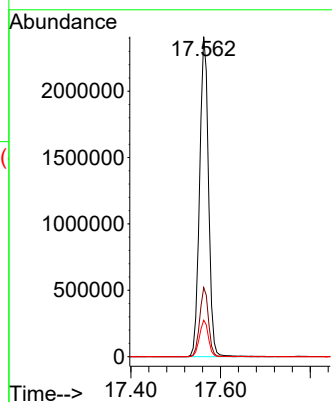
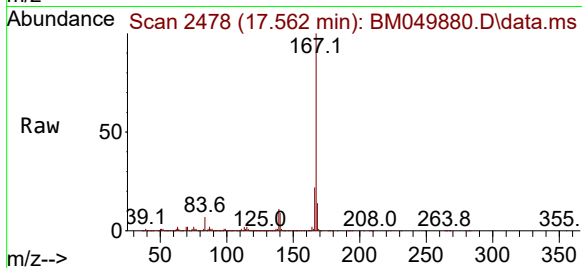
Tgt Ion:167 Resp: 3314732

Ion Ratio Lower Upper

167 100

166 21.6 16.9 25.3

139 11.4 9.3 13.9



#74

Di-n-butylphthalate

Concen: 48.375 ng

RT: 18.133 min Scan# 2575

Delta R.T. -0.000 min

Lab File: BM049880.D

Acq: 10 Apr 2025 12:13

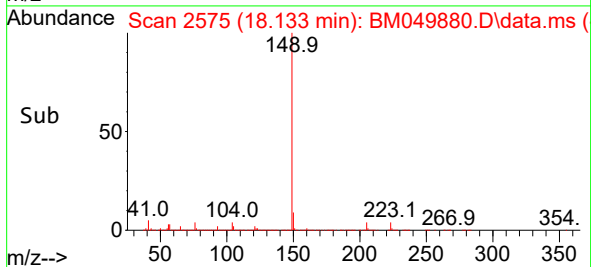
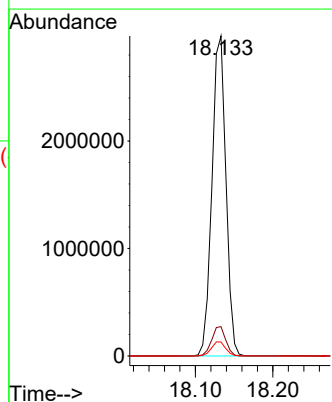
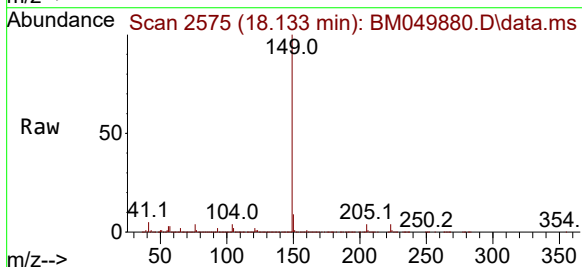
Tgt Ion:149 Resp: 3719908

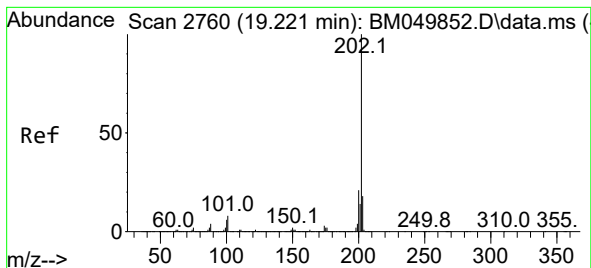
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 4.3 3.5 5.3





#75

Fluoranthene

Concen: 48.462 ng

RT: 19.221 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM049880.D

Acq: 10 Apr 2025 12:13

Instrument :

BNA_M

ClientSampleId :

WC-2MS

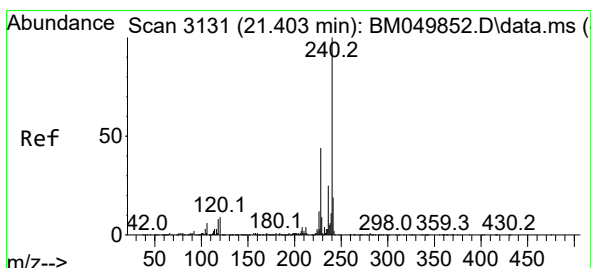
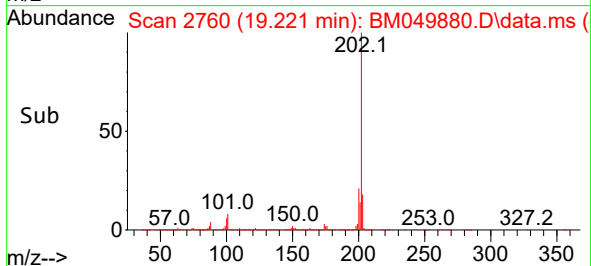
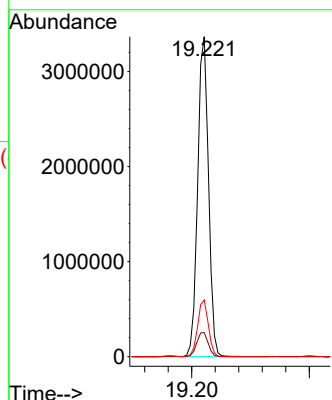
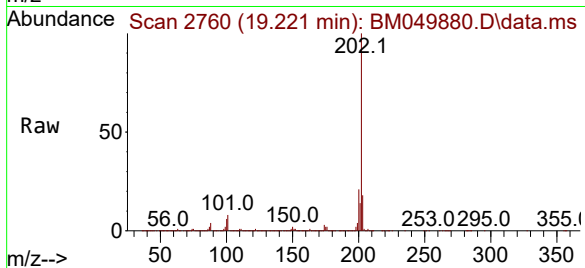
Tgt Ion:202 Resp: 4285777

Ion Ratio Lower Upper

202 100

101 7.6 0.0 28.4

203 17.7 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.397 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM049880.D

Acq: 10 Apr 2025 12:13

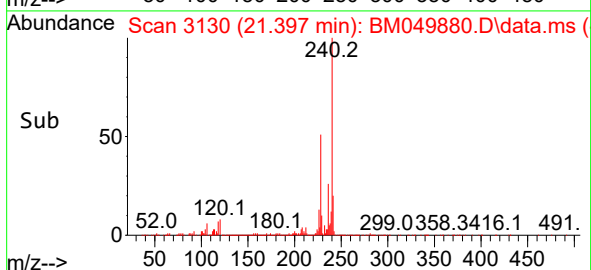
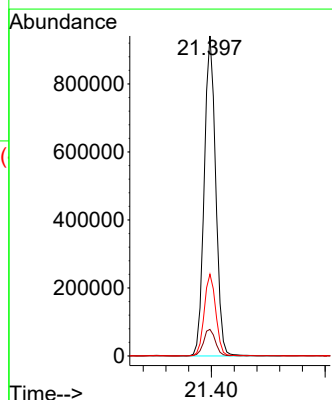
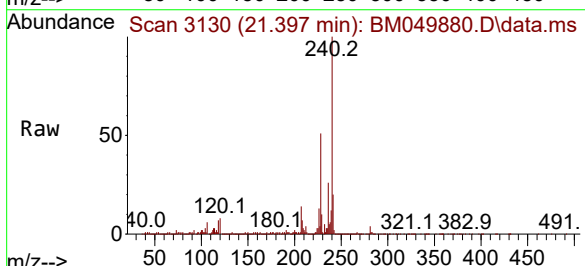
Tgt Ion:240 Resp: 1314907

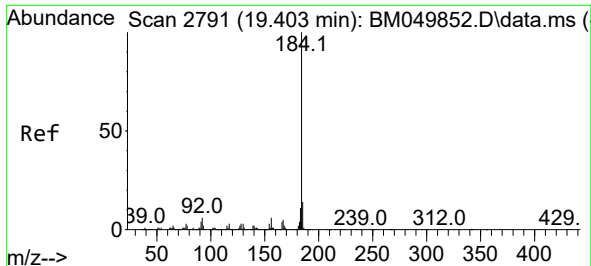
Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

236 25.5 20.4 30.6

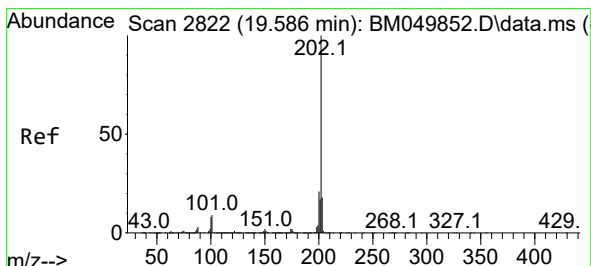
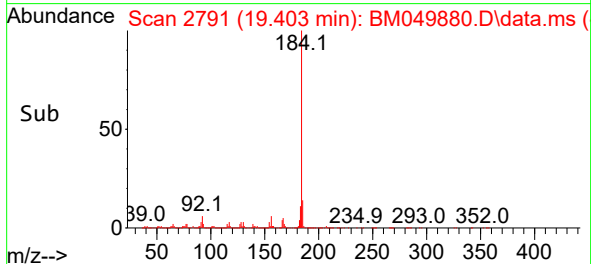
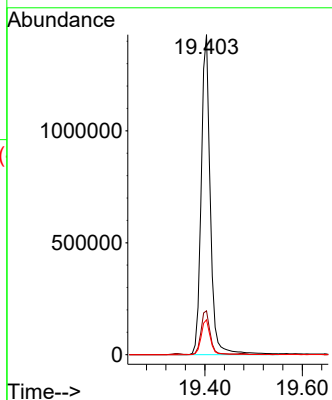
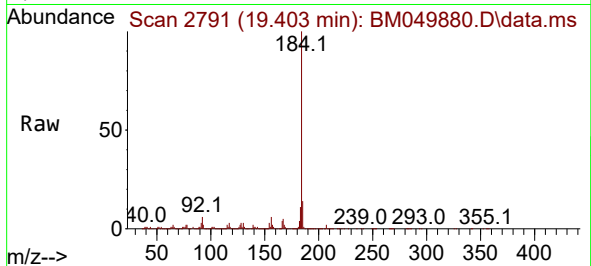




#77
Benzidine
Concen: 106.239 ng
RT: 19.403 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

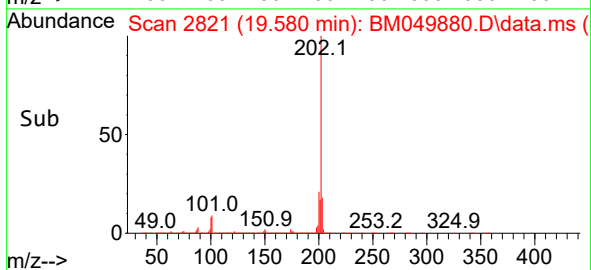
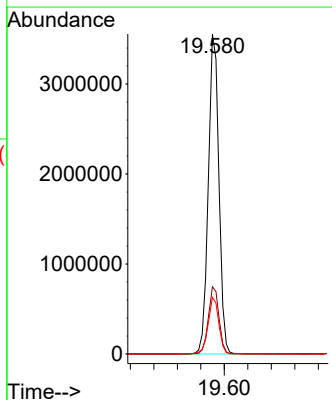
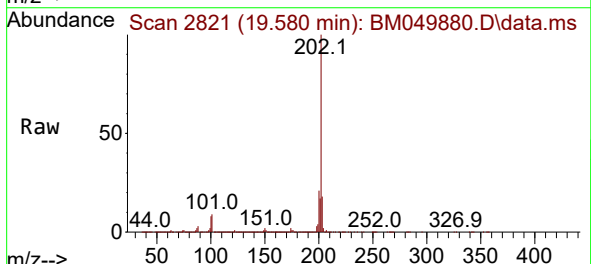
Instrument :
BNA_M
ClientSampleId :
WC-2MS

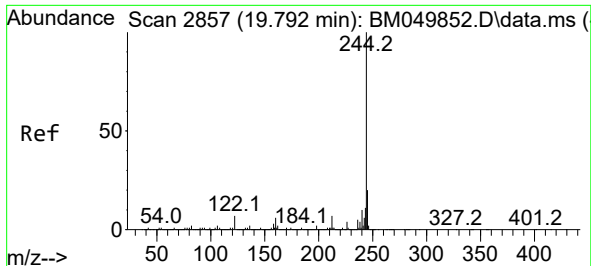
Tgt Ion:184 Resp: 1853237
Ion Ratio Lower Upper
184 100
185 13.7 11.4 17.2
183 10.9 8.8 13.2



#78
Pyrene
Concen: 48.946 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

Tgt Ion:202 Resp: 4435537
Ion Ratio Lower Upper
202 100
200 21.0 16.5 24.7
203 17.7 14.0 21.0

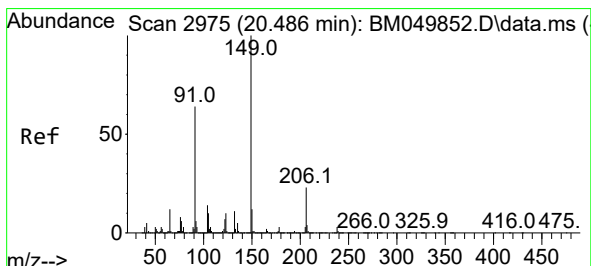
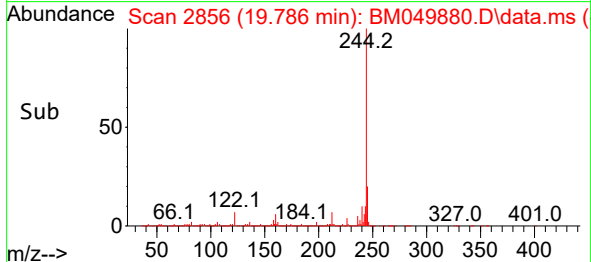
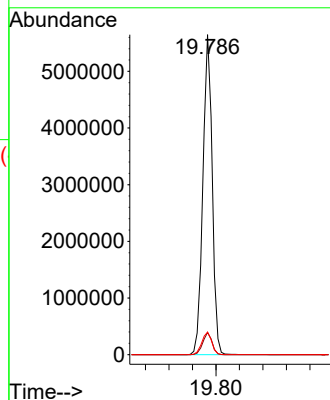
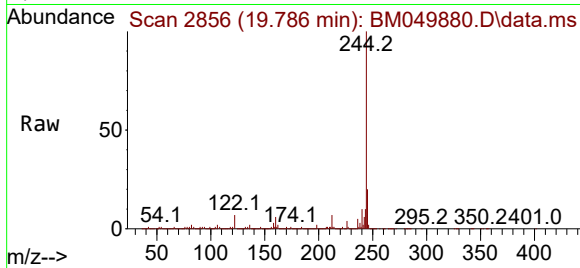




#79
 Terphenyl-d14
 Concen: 88.781 ng
 RT: 19.786 min Scan# 2856
 Delta R.T. -0.006 min
 Lab File: BM049880.D
 Acq: 10 Apr 2025 12:13

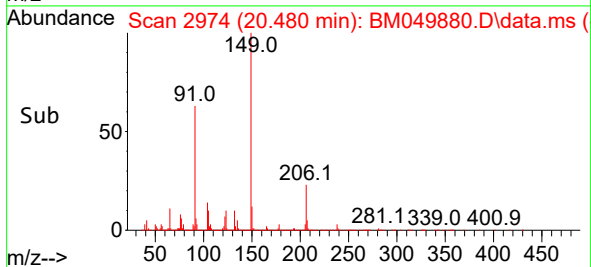
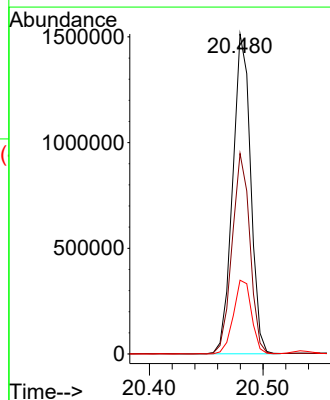
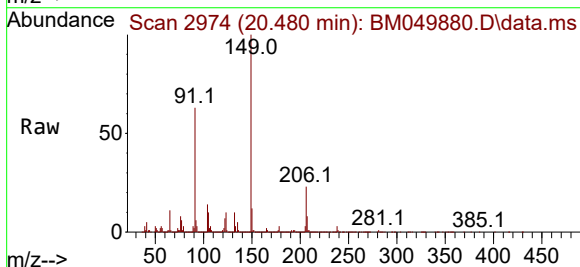
Instrument :
 BNA_M
 ClientSampleId :
 WC-2MS

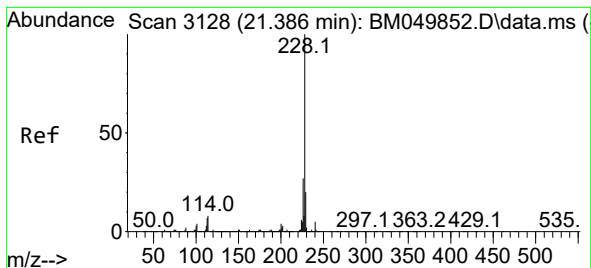
Tgt Ion:244 Resp: 6229257
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 7.1 5.4 8.0



#80
 Butylbenzylphthalate
 Concen: 48.595 ng
 RT: 20.480 min Scan# 2974
 Delta R.T. -0.006 min
 Lab File: BM049880.D
 Acq: 10 Apr 2025 12:13

Tgt Ion:149 Resp: 1654729
 Ion Ratio Lower Upper
 149 100
 91 62.6 50.9 76.3
 206 23.1 18.4 27.6





#81

Benzo(a)anthracene

Concen: 50.390 ng

RT: 21.380 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM049880.D

Acq: 10 Apr 2025 12:13

Instrument :

BNA_M

ClientSampleId :

WC-2MS

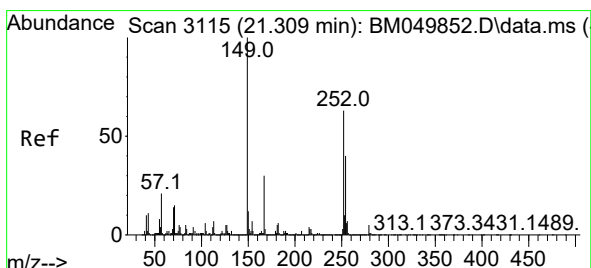
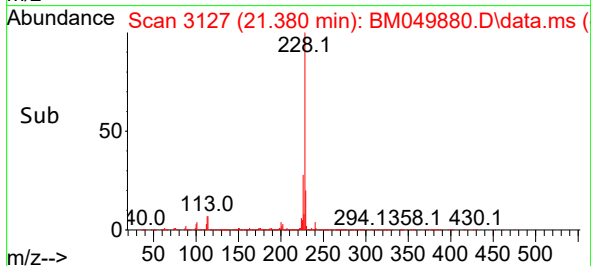
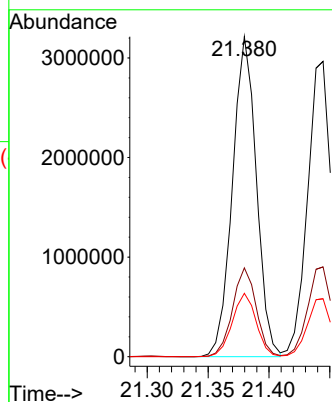
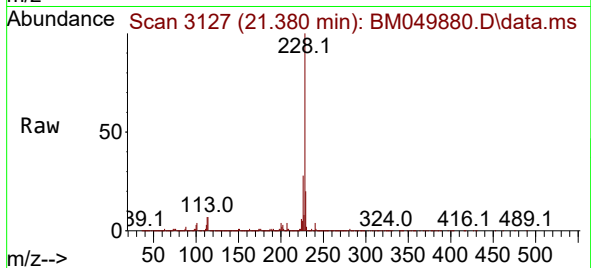
Tgt Ion:228 Resp: 4403499

Ion Ratio Lower Upper

228 100

226 27.8 21.8 32.8

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 18.336 ng

RT: 21.303 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM049880.D

Acq: 10 Apr 2025 12:13

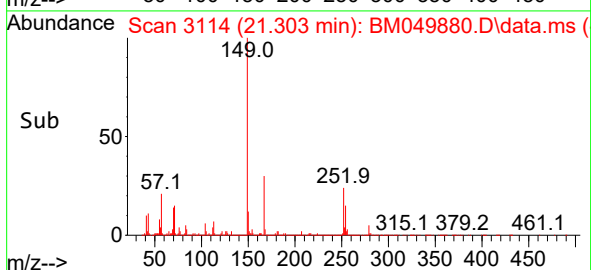
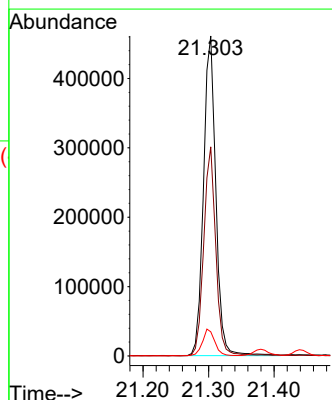
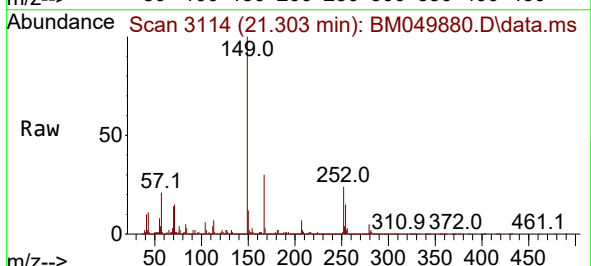
Tgt Ion:252 Resp: 605098

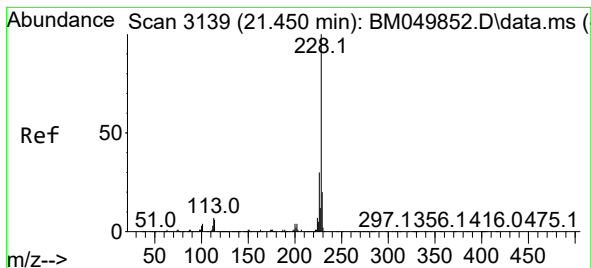
Ion Ratio Lower Upper

252 100

254 65.3 51.5 77.3

126 7.5 6.3 9.5





#83

Chrysene

Concen: 49.370 ng

RT: 21.444 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM049880.D

Acq: 10 Apr 2025 12:13

Instrument :

BNA_M

ClientSampleId :

WC-2MS

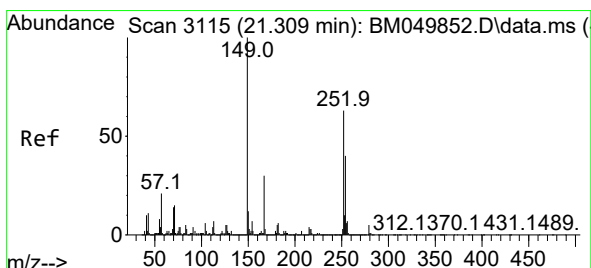
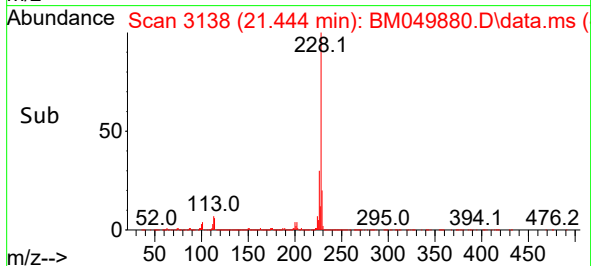
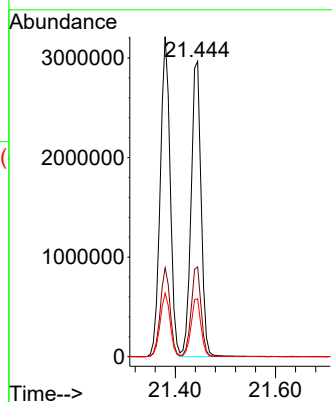
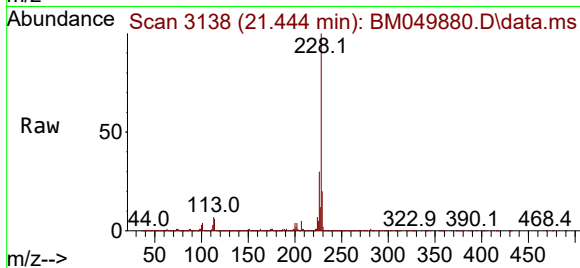
Tgt Ion:228 Resp: 4101684

Ion Ratio Lower Upper

228 100

226 30.4 24.1 36.1

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.285 ng

RT: 21.303 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM049880.D

Acq: 10 Apr 2025 12:13

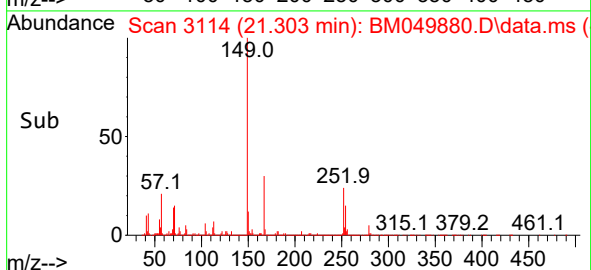
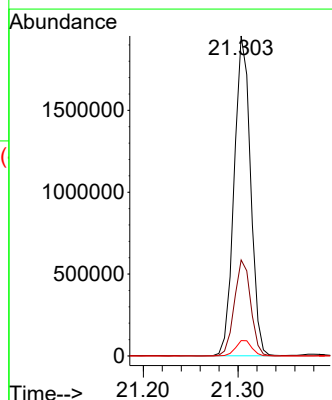
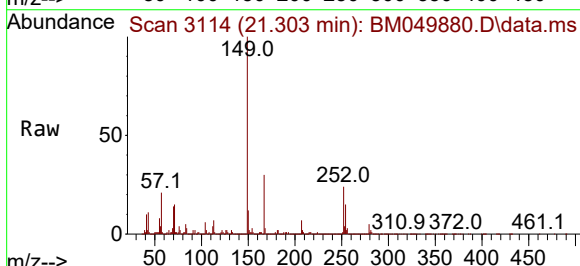
Tgt Ion:149 Resp: 2345865

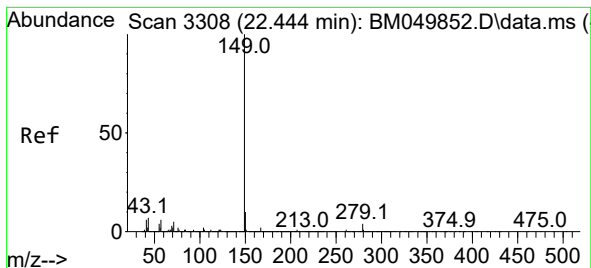
Ion Ratio Lower Upper

149 100

167 30.0 23.8 35.6

279 4.8 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 45.840 ng

RT: 22.439 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM049880.D

Acq: 10 Apr 2025 12:13

Instrument :

BNA_M

ClientSampleId :

WC-2MS

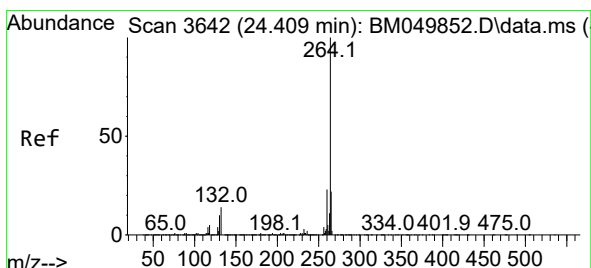
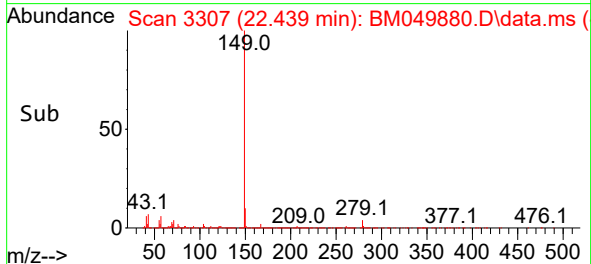
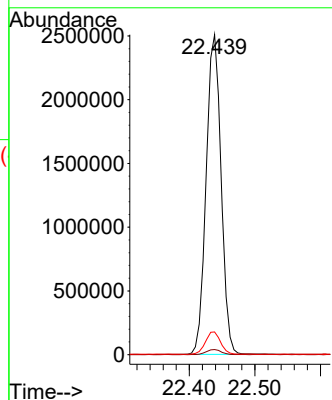
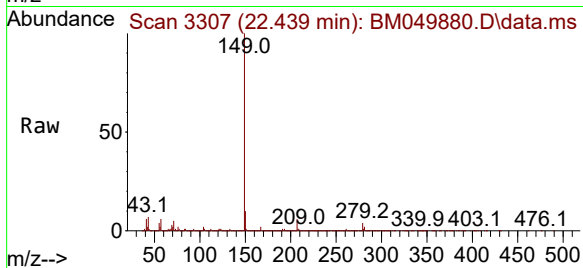
Tgt Ion:149 Resp: 3978522

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.1 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: BM049880.D

Acq: 10 Apr 2025 12:13

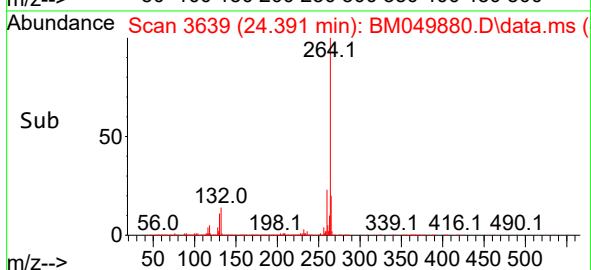
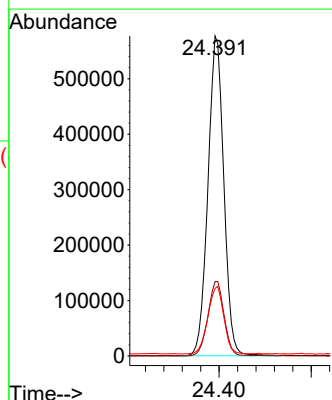
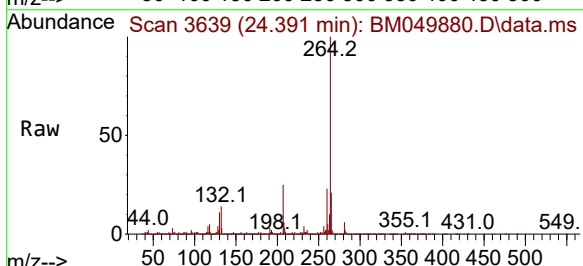
Tgt Ion:264 Resp: 1384646

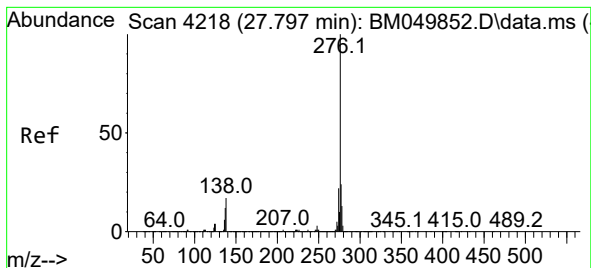
Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.2 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.358 ng

RT: 27.779 min Scan# 41

Delta R.T. -0.018 min

Lab File: BM049880.D

Acq: 10 Apr 2025 12:13

Instrument :

BNA_M

ClientSampleId :

WC-2MS

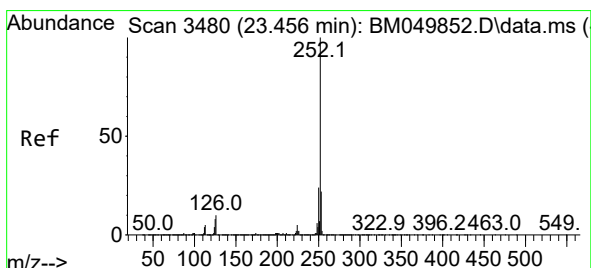
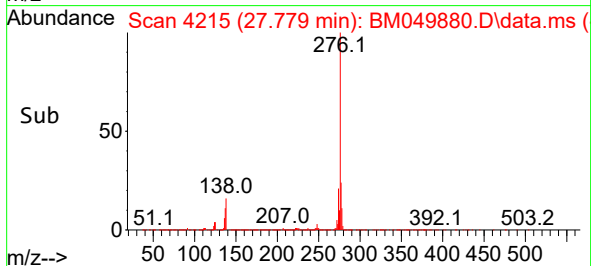
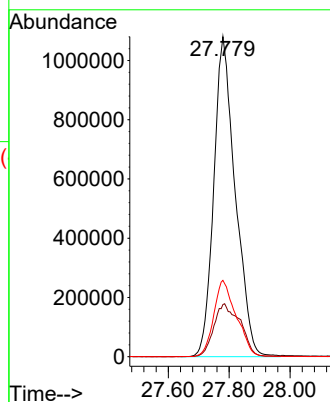
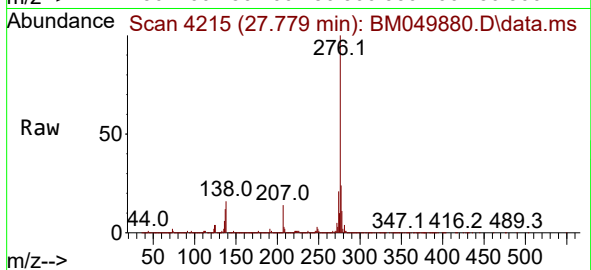
Tgt Ion:276 Resp: 5300822

Ion Ratio Lower Upper

276 100

138 20.3 16.8 25.2

277 25.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 48.252 ng

RT: 23.450 min Scan# 3479

Delta R.T. -0.006 min

Lab File: BM049880.D

Acq: 10 Apr 2025 12:13

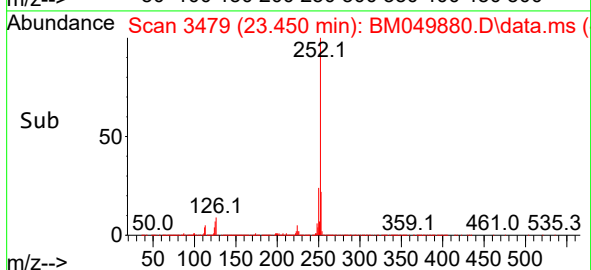
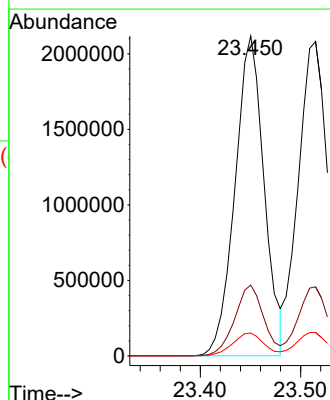
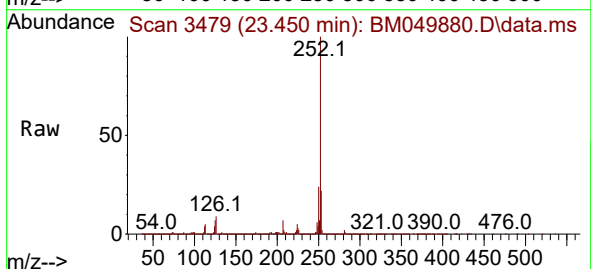
Tgt Ion:252 Resp: 4267044

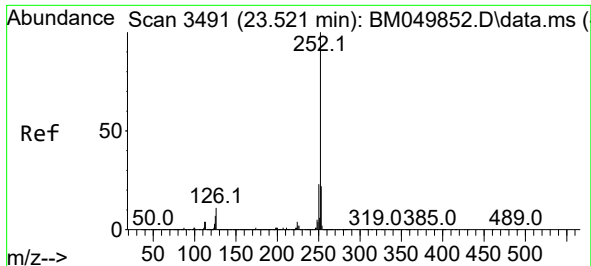
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 7.2 6.2 9.4

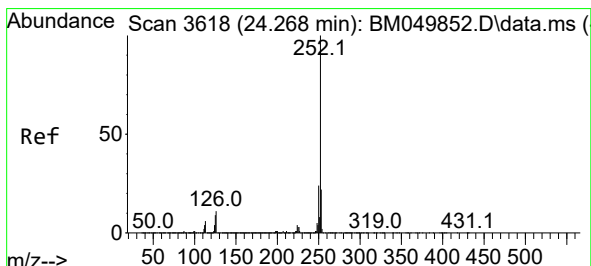
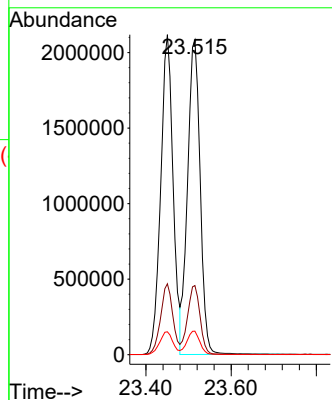
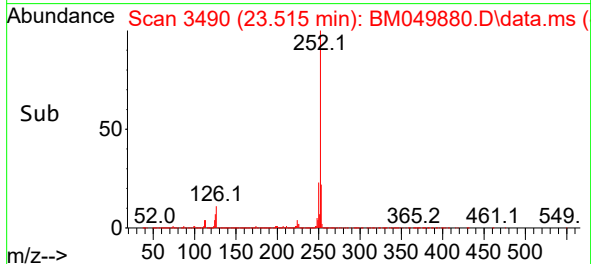
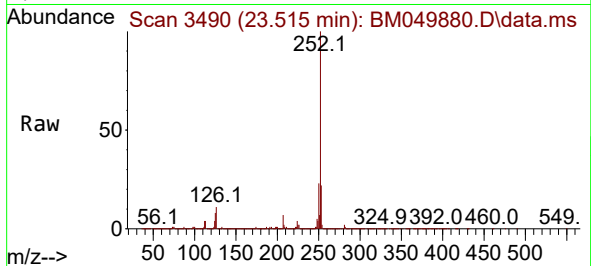




#89
Benzo(k)fluoranthene
Concen: 49.894 ng
RT: 23.515 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

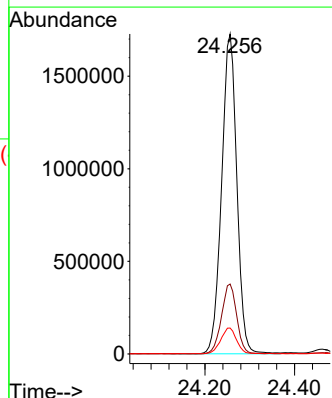
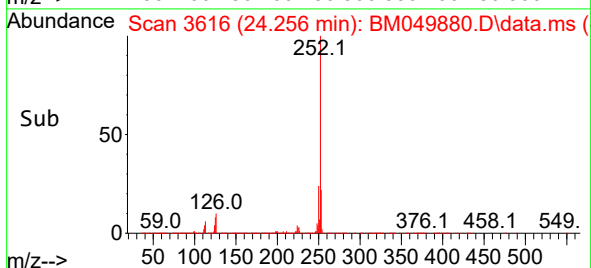
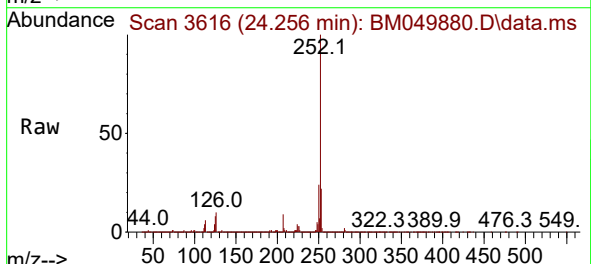
Instrument :
BNA_M
ClientSampleId :
WC-2MS

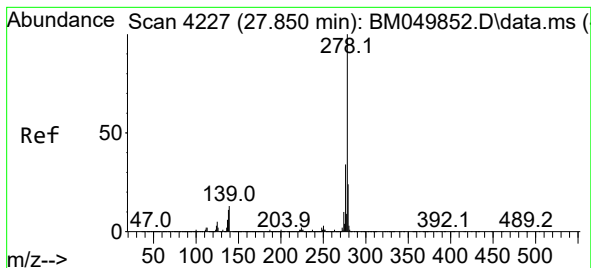
Tgt Ion:252 Resp: 4275768
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 7.5 5.8 8.8



#90
Benzo(a)pyrene
Concen: 52.365 ng
RT: 24.256 min Scan# 3616
Delta R.T. -0.012 min
Lab File: BM049880.D
Acq: 10 Apr 2025 12:13

Tgt Ion:252 Resp: 4069169
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 8.1 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 50.797 ng

RT: 27.838 min Scan# 4318

Delta R.T. -0.012 min

Lab File: BM049880.D

Acq: 10 Apr 2025 12:13

Instrument :

BNA_M

ClientSampleId :

WC-2MS

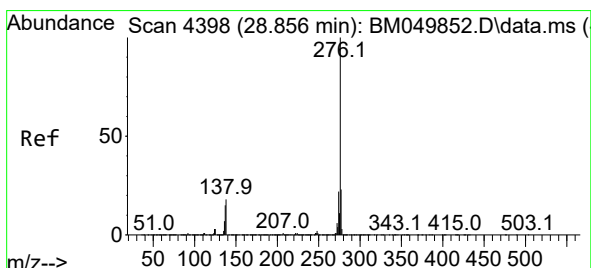
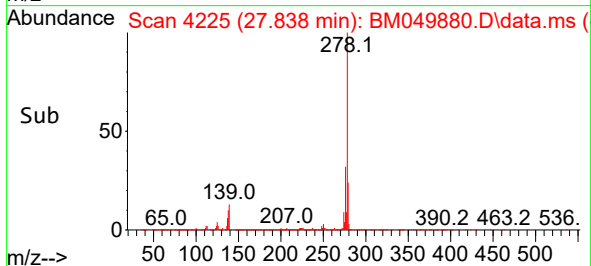
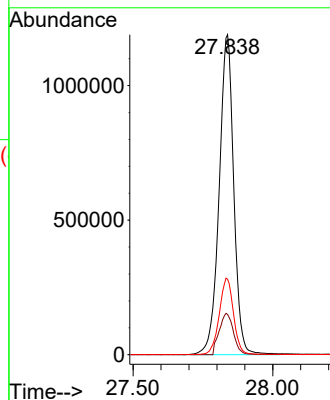
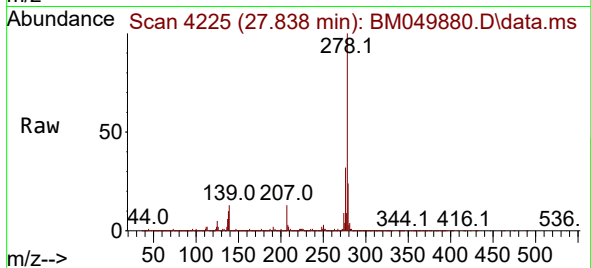
Tgt Ion:278 Resp: 4318521

Ion Ratio Lower Upper

278 100

139 12.6 10.6 15.8

279 23.6 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 48.696 ng

RT: 28.838 min Scan# 4395

Delta R.T. -0.018 min

Lab File: BM049880.D

Acq: 10 Apr 2025 12:13

Tgt Ion:276 Resp: 4230440

Ion Ratio Lower Upper

276 100

277 24.0 18.7 28.1

138 17.6 14.6 21.8

