

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041025\
 Data File : BM049881.D
 Acq On : 10 Apr 2025 12:52
 Operator : RC/JU
 Sample : Q1753-05MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-2MSD

Quant Time: Apr 10 13:34:42 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	267029	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	952171	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	626793	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	1264616	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1257038	20.000	ng	0.00
86) Perylene-d12	24.397	264	1319186	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2096436	133.315	ng	0.00
7) Phenol-d6	6.951	99	2612161	133.510	ng	0.00
23) Nitrobenzene-d5	8.934	82	1496066	87.494	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1310505	143.744	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	3998926	86.513	ng	0.00
79) Terphenyl-d14	19.786	244	6334722	94.441	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	301275	46.520	ng	99
3) Pyridine	3.657	79	814952	47.895	ng	98
4) n-Nitrosodimethylamine	3.563	42	320613	49.512	ng	98
6) Aniline	7.104	93	486622	29.026	ng	100
8) 2-Chlorophenol	7.345	128	853549	52.964	ng	98
9) Benzaldehyde	6.916	77	478189	47.627	ng	98
10) Phenol	6.981	94	1048887	54.936	ng	98
11) bis(2-Chloroethyl)ether	7.198	93	775715	51.809	ng	100
12) 1,3-Dichlorobenzene	7.663	146	967039	50.755	ng	98
13) 1,4-Dichlorobenzene	7.810	146	972414	50.723	ng	99
14) 1,2-Dichlorobenzene	8.128	146	934113	51.731	ng	99
15) Benzyl Alcohol	8.016	79	681483	55.314	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.298	45	892291	53.468	ng	98
17) 2-Methylphenol	8.228	107	665024	56.521	ng	99
18) Hexachloroethane	8.857	117	338292	50.720	ng	98
19) n-Nitroso-di-n-propyla...	8.581	70	576116	53.165	ng	99
20) 3+4-Methylphenols	8.551	107	904454	56.384	ng	99
22) Acetophenone	8.598	105	1156670	49.984	ng	# 99
24) Nitrobenzene	8.975	77	821816	49.913	ng	98
25) Isophorone	9.504	82	1562111	54.534	ng	99
26) 2-Nitrophenol	9.686	139	442361	50.691	ng	98
27) 2,4-Dimethylphenol	9.751	122	743103	75.138	ng	99
28) bis(2-Chloroethoxy)met...	9.981	93	989430	51.595	ng	98
29) 2,4-Dichlorophenol	10.222	162	865337	52.638	ng	100
30) 1,2,4-Trichlorobenzene	10.433	180	938746	49.361	ng	99
31) Naphthalene	10.622	128	2375324	48.549	ng	99
32) Benzoic acid	9.892	122	558792	46.013	ng	97
33) 4-Chloroaniline	10.728	127	222462	12.877	ng	100
34) Hexachlorobutadiene	10.910	225	587633	49.952	ng	99
35) Caprolactam	11.510	113	241928	51.310	ng	99
36) 4-Chloro-3-methylphenol	11.863	107	771329	53.564	ng	99
37) 2-Methylnaphthalene	12.233	142	1573594	45.649	ng	100
38) 1-Methylnaphthalene	12.457	142	1658641	49.389	ng	99
40) 1,2,4,5-Tetrachloroben...	12.610	216	1093535	49.869	ng	99
41) Hexachlorocyclopentadiene	12.592	237	1470881	191.427	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	733632	52.576	ng	97

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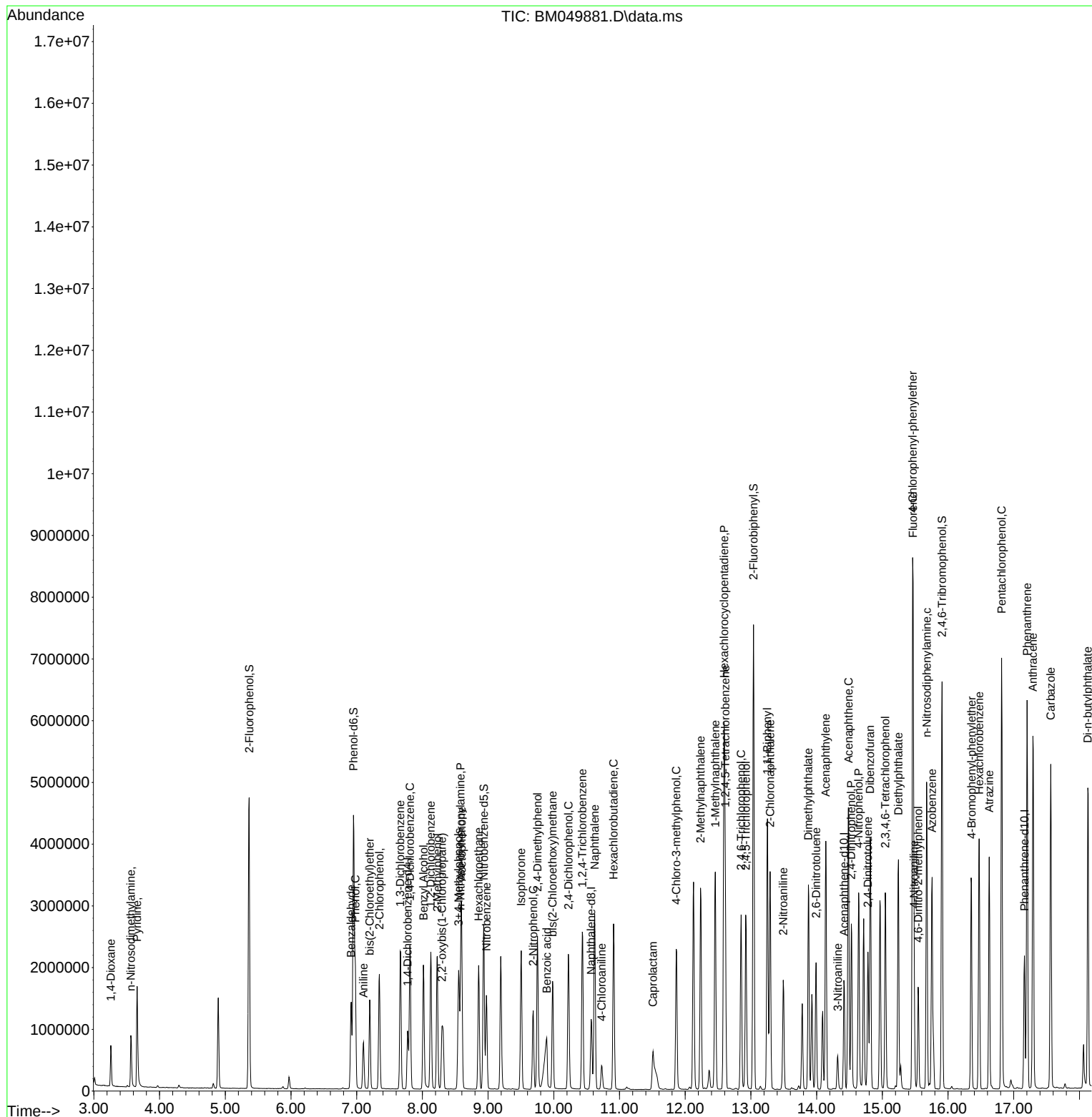
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	810406	53.444	ng	98
46) 1,1'-Biphenyl	13.251	154	2327089	49.944	ng	99
47) 2-Chloronaphthalene	13.292	162	1825109	49.836	ng	99
48) 2-Nitroaniline	13.492	65	457504	54.000	ng	97
49) Acenaphthylene	14.139	152	2943996	55.187	ng	100
50) Dimethylphthalate	13.874	163	2273524	51.415	ng	99
51) 2,6-Dinitrotoluene	13.992	165	491471	53.049	ng	98
52) Acenaphthene	14.486	154	1702466	50.173	ng	99
53) 3-Nitroaniline	14.321	138	150752	16.836	ng	95
54) 2,4-Dinitrophenol	14.527	184	665164	97.413	ng	97
55) Dibenzofuran	14.816	168	2785150	49.099	ng	100
56) 4-Nitrophenol	14.639	139	916444	114.851	ng	99
57) 2,4-Dinitrotoluene	14.780	165	695784	56.295	ng	99
58) Fluorene	15.468	166	2355785	52.247	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	684074	51.471	ng	99
60) Diethylphthalate	15.245	149	2130022	50.230	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	1273384	52.676	ng	99
62) 4-Nitroaniline	15.486	138	465213	50.239	ng	99
63) Azobenzene	15.757	77	2001502	55.129	ng	97
65) 4,6-Dinitro-2-methylph...	15.545	198	416735	52.294	ng	98
66) n-Nitrosodiphenylamine	15.674	169	1971029	52.081	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	756218	51.511	ng	96
68) Hexachlorobenzene	16.474	284	869759	51.651	ng	98
69) Atrazine	16.627	200	734468	74.850	ng	99
70) Pentachlorophenol	16.815	266	1280050	103.252	ng	99
71) Phenanthrene	17.204	178	3617708	52.180	ng	100
72) Anthracene	17.292	178	3692888	54.049	ng	100
73) Carbazole	17.562	167	3374874	52.443	ng	100
74) Di-n-butylphthalate	18.127	149	3739209	50.446	ng	100
75) Fluoranthene	19.221	202	4371639	51.283	ng	99
77) Benzidine	19.403	184	1795060	107.641	ng	100
78) Pyrene	19.580	202	4525763	52.241	ng	99
80) Butylbenzylphthalate	20.480	149	1660532	51.011	ng	99
81) Benzo(a)anthracene	21.380	228	4455812	53.336	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	596539	18.908	ng	99
83) Chrysene	21.444	228	4098823	51.607	ng	99
84) Bis(2-ethylhexyl)phtha...	21.303	149	2346018	49.465	ng	100
85) Di-n-octyl phthalate	22.439	149	3935512	47.432	ng	100
87) Indeno(1,2,3-cd)pyrene	27.779	276	5323495	54.137	ng	99
88) Benzo(b)fluoranthene	23.450	252	4272300	50.709	ng	99
89) Benzo(k)fluoranthene	23.515	252	4289681	52.540	ng	99
90) Benzo(a)pyrene	24.256	252	4045693	54.646	ng	100
91) Dibenzo(a,h)anthracene	27.832	278	4331580	53.479	ng	100
92) Benzo(g,h,i)perylene	28.838	276	4240662	51.236	ng	99

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

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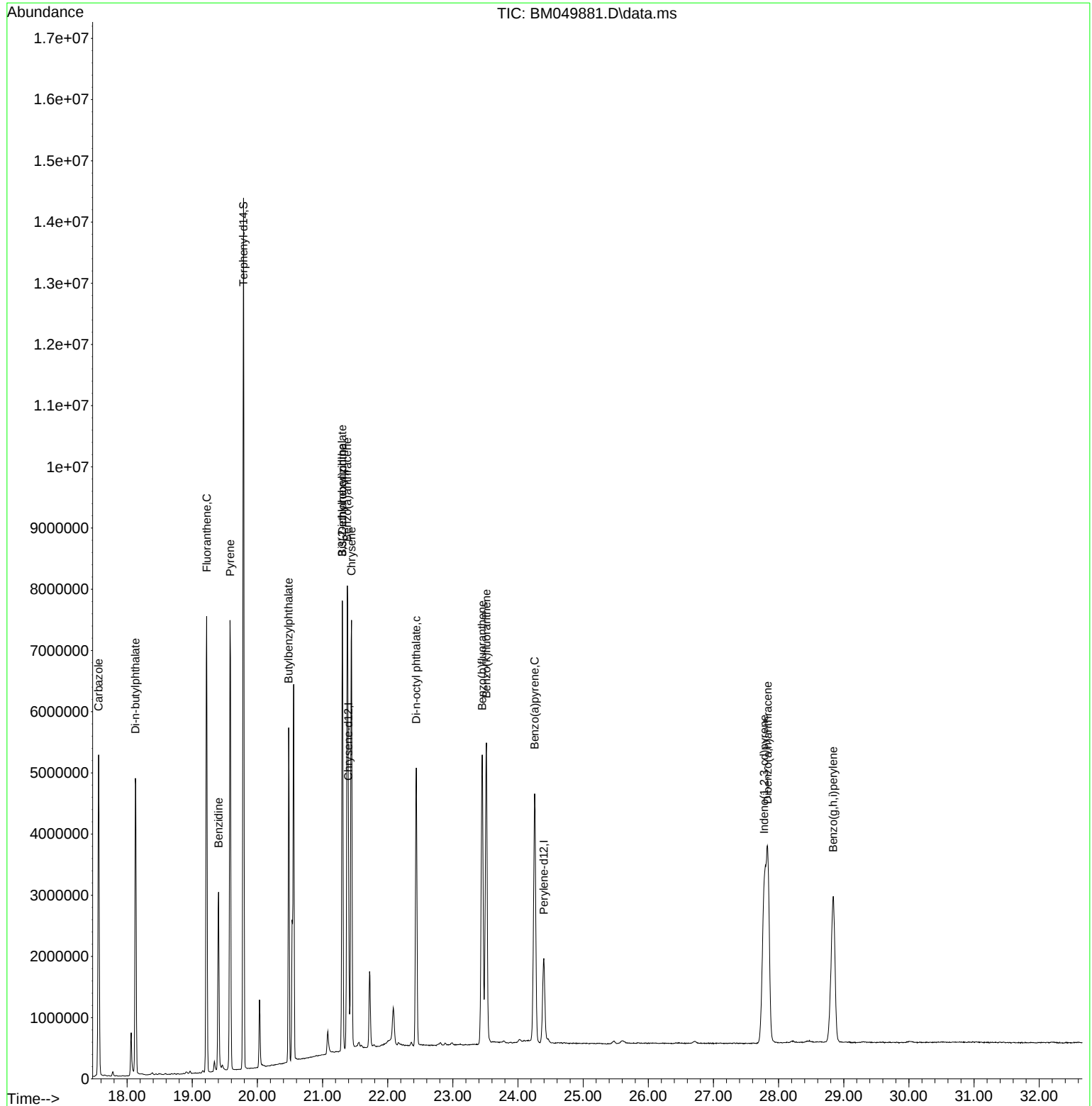
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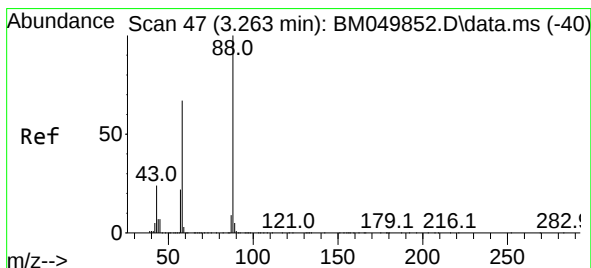
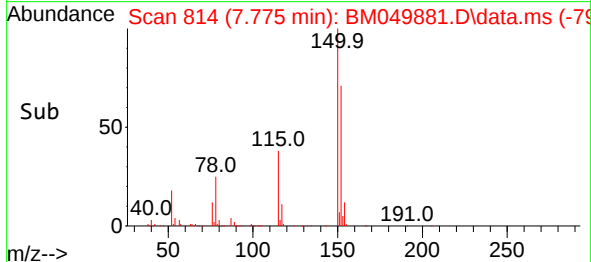
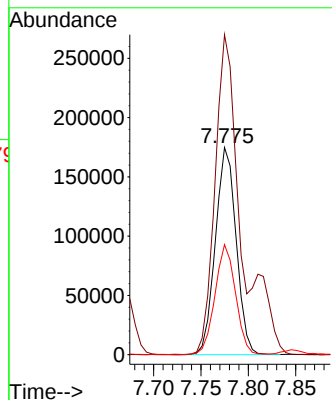
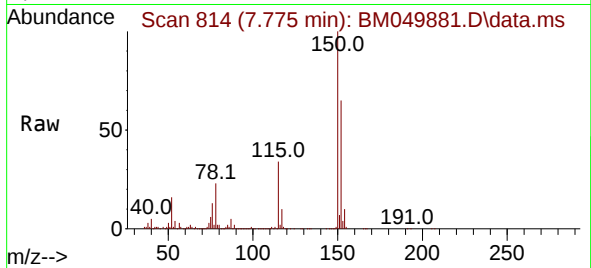




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.775 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM049881.D
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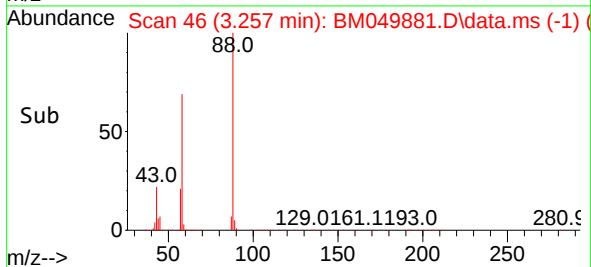
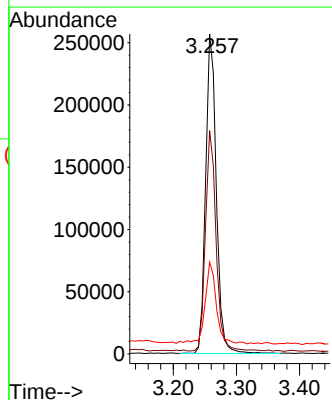
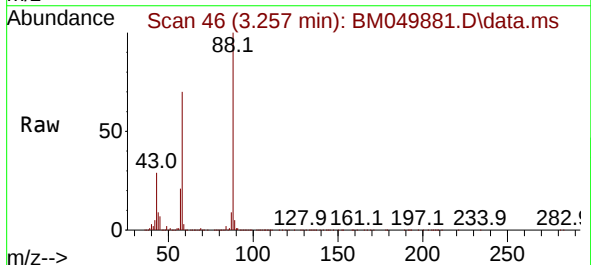
Instrument :
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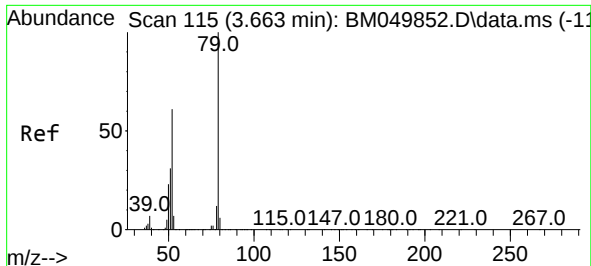
Tgt Ion:152 Resp: 267029
 Ion Ratio Lower Upper
 152 100
 150 154.4 124.3 186.5
 115 53.2 41.1 61.7



#2
 1,4-Dioxane
 Concen: 46.520 ng
 RT: 3.257 min Scan# 46
 Delta R.T. -0.006 min
 Lab File: BM049881.D
 Acq: 10 Apr 2025 12:52

Tgt Ion: 88 Resp: 301275
 Ion Ratio Lower Upper
 88 100
 58 68.2 54.1 81.1
 43 26.8 20.2 30.4





#3

Pyridine

Concen: 47.895 ng

RT: 3.657 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM049881.D

Acq: 10 Apr 2025 12:52

Instrument :

BNA_M

ClientSampleId :

WC-2MSD

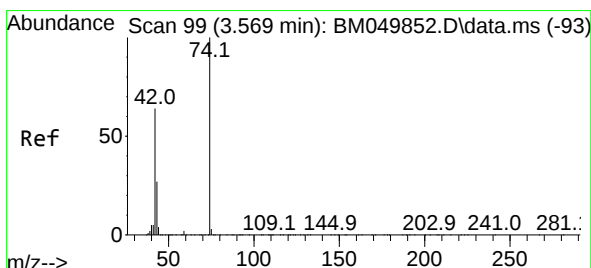
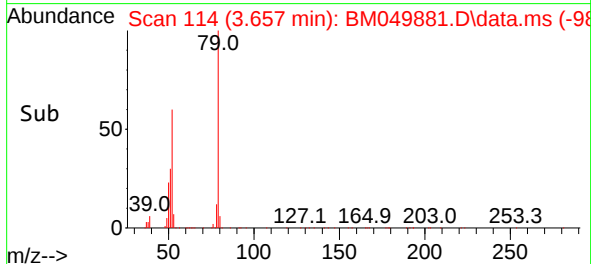
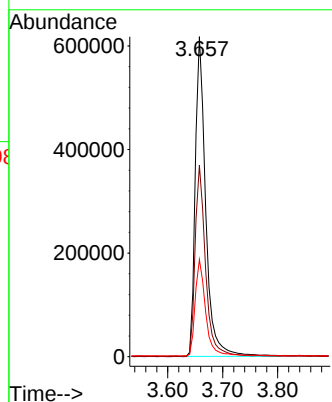
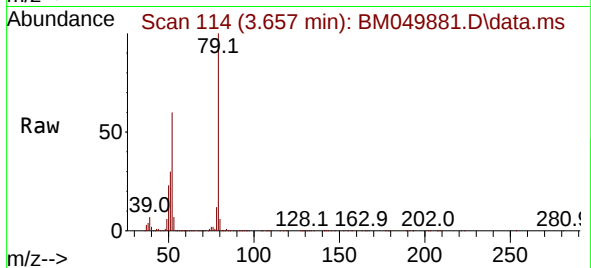
Tgt Ion: 79 Resp: 814952

Ion Ratio Lower Upper

79 100

52 59.8 48.9 73.3

51 30.3 25.0 37.6



#4

n-Nitrosodimethylamine

Concen: 49.512 ng

RT: 3.563 min Scan# 98

Delta R.T. -0.006 min

Lab File: BM049881.D

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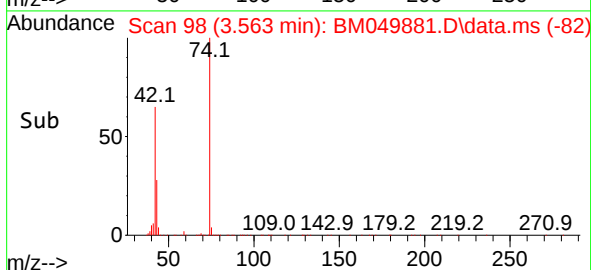
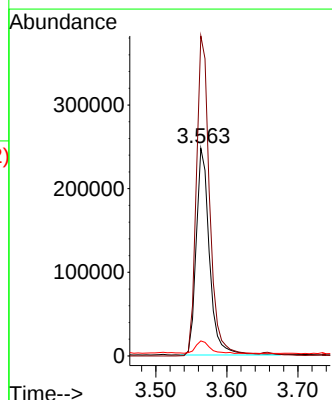
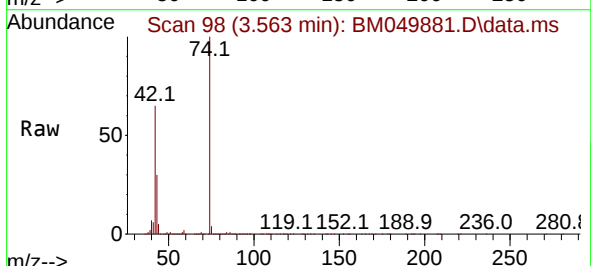
Tgt Ion: 42 Resp: 320613

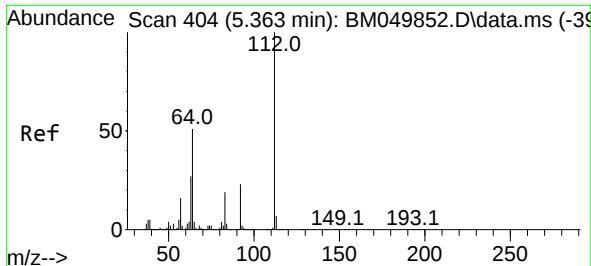
Ion Ratio Lower Upper

42 100

74 154.0 125.4 188.2

44 7.2 5.9 8.9

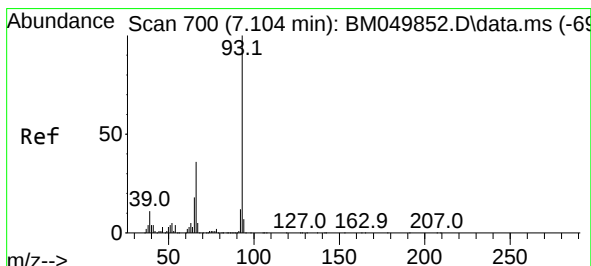
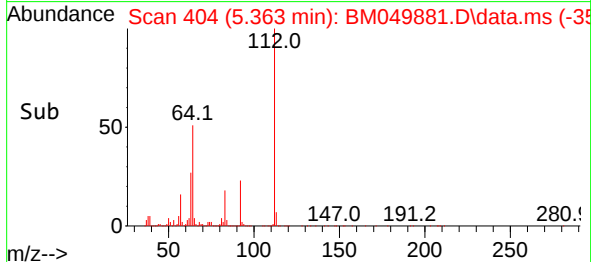
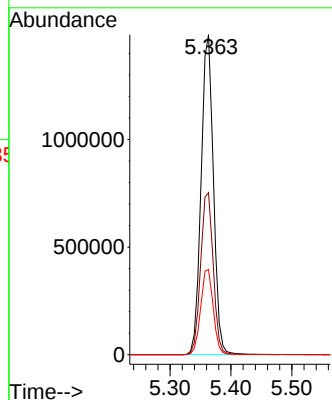
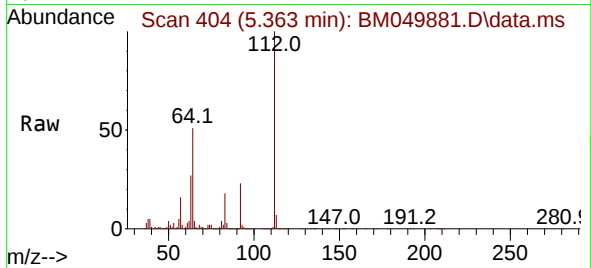




#5
2-Fluorophenol
Concen: 133.315 ng
RT: 5.363 min Scan# 404
Delta R.T. -0.000 min
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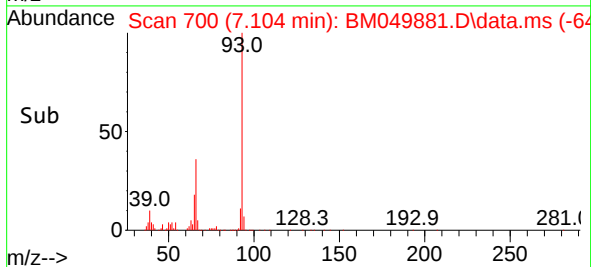
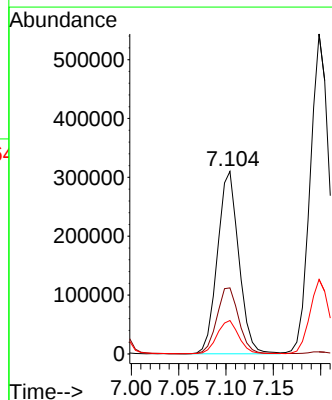
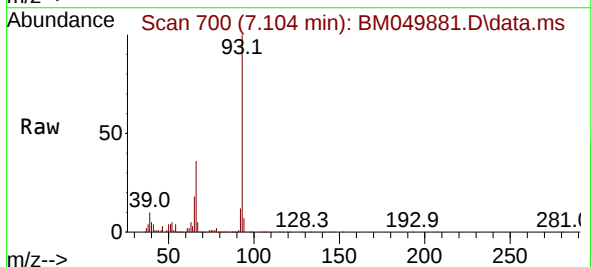
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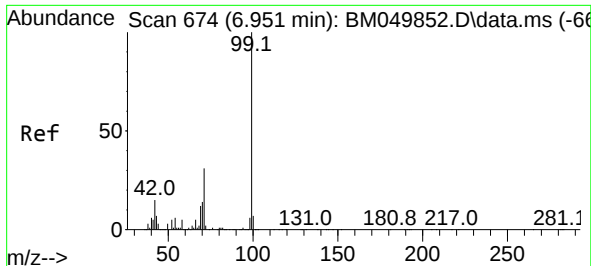
Tgt Ion:112 Resp: 2096436
Ion Ratio Lower Upper
112 100
64 50.6 41.0 61.6
63 26.6 21.5 32.3



#6
Aniline
Concen: 29.026 ng
RT: 7.104 min Scan# 700
Delta R.T. -0.000 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

Tgt Ion: 93 Resp: 486622
Ion Ratio Lower Upper
93 100
66 36.2 29.1 43.7
65 18.3 14.9 22.3

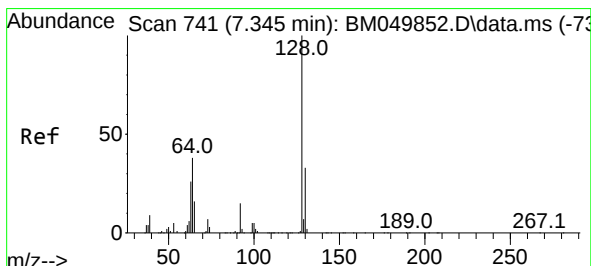
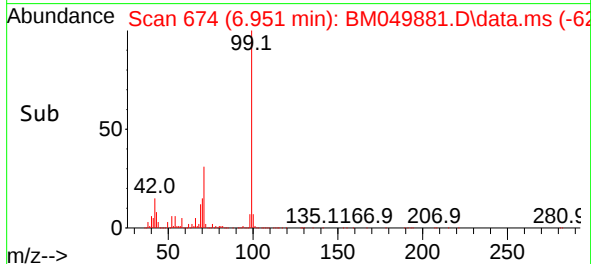
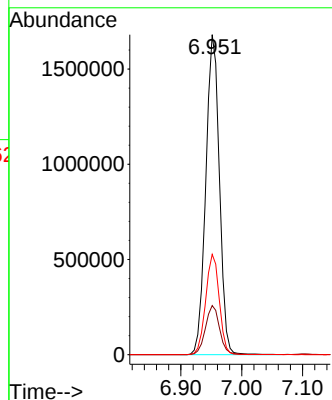
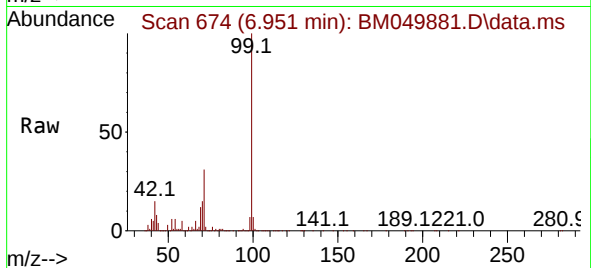




#7
Phenol-d6
Concen: 133.510 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

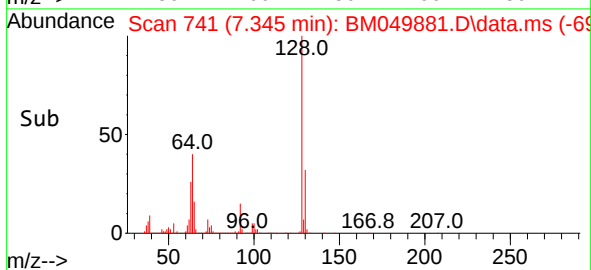
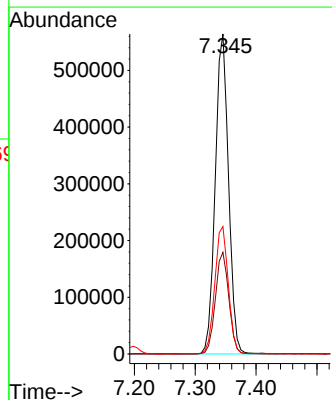
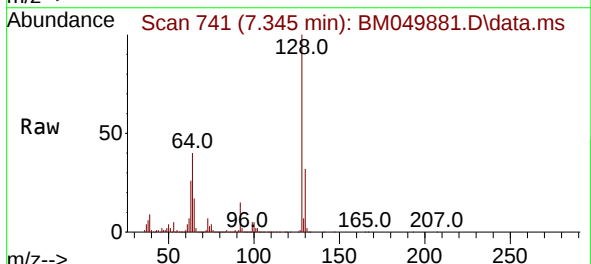
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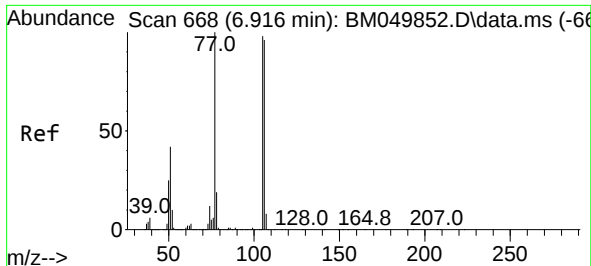
Tgt Ion: 99 Resp: 2612161
Ion Ratio Lower Upper
99 100
42 15.4 12.1 18.1
71 31.4 24.9 37.3



#8
2-Chlorophenol
Concen: 52.964 ng
RT: 7.345 min Scan# 741
Delta R.T. 0.000 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

Tgt Ion: 128 Resp: 853549
Ion Ratio Lower Upper
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130 31.8 12.6 52.6
64 39.8 21.1 61.1

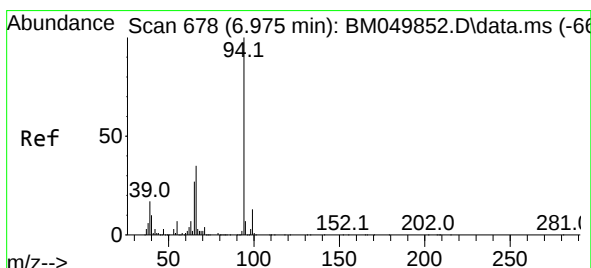
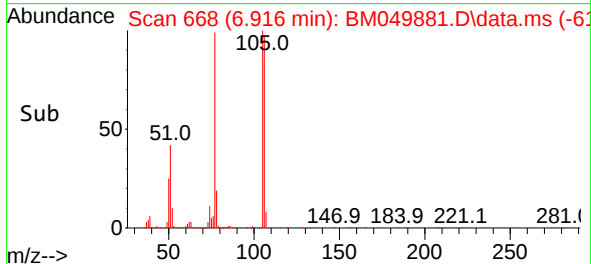
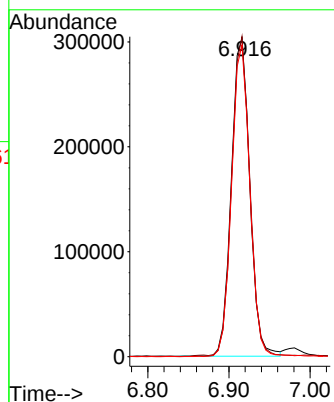
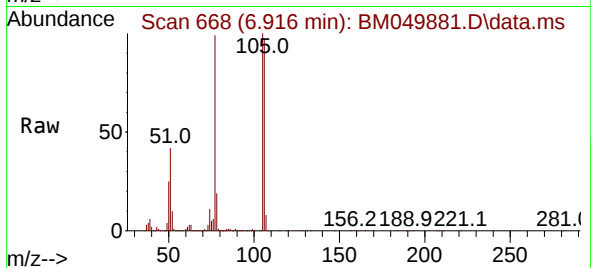




#9
Benzaldehyde
Concen: 47.627 ng
RT: 6.916 min Scan# 668
Delta R.T. 0.000 min
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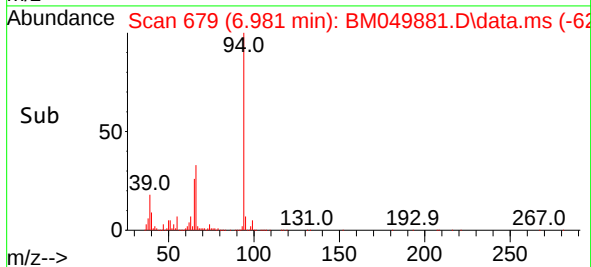
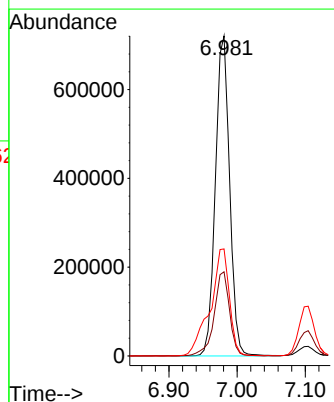
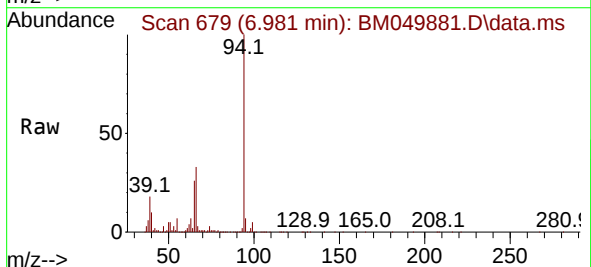
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BNA_M
ClientSampleId :
WC-2MSD

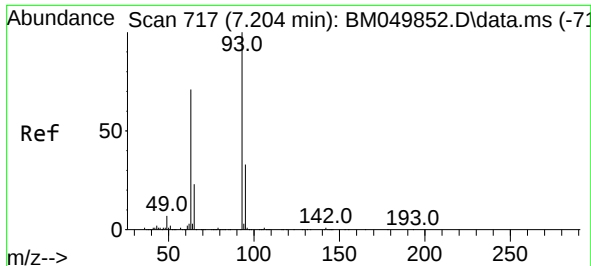
Tgt Ion: 77 Resp: 478189
Ion Ratio Lower Upper
77 100
105 100.5 78.3 118.3
106 97.9 76.0 116.0



#10
Phenol
Concen: 54.936 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.006 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

Tgt Ion: 94 Resp: 1048887
Ion Ratio Lower Upper
94 100
65 26.3 7.3 47.3
66 33.4 14.8 54.8

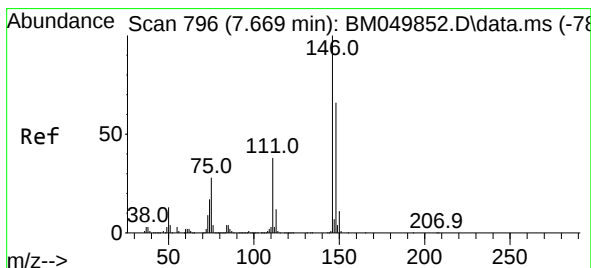
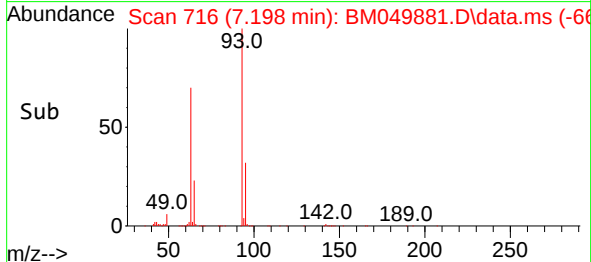
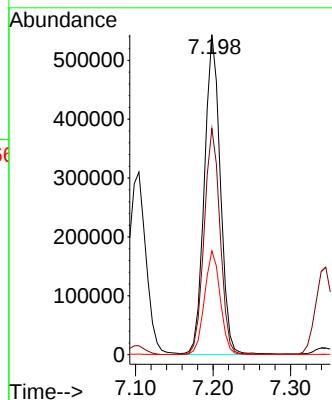
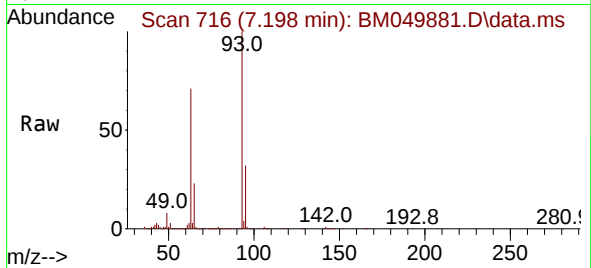




#11
bis(2-Chloroethyl)ether
Concen: 51.809 ng
RT: 7.198 min Scan# 716
Delta R.T. -0.006 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

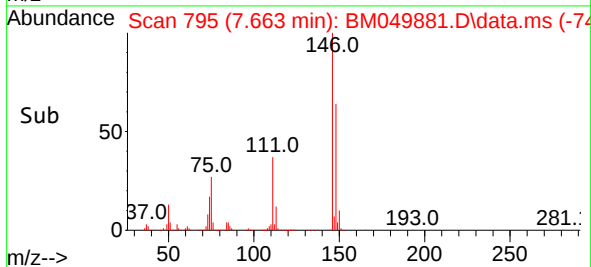
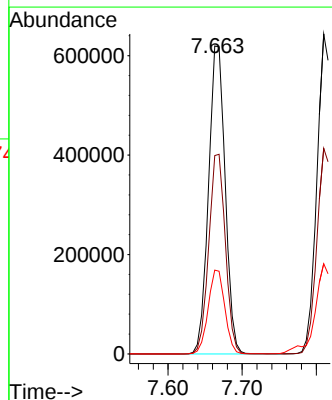
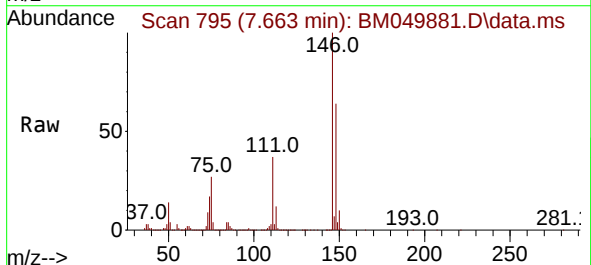
Instrument :
BNA_M
ClientSampleId :
WC-2MSD

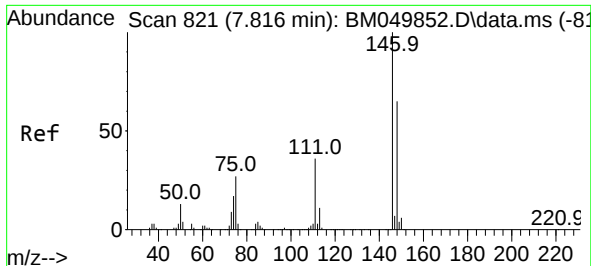
Tgt Ion: 93 Resp: 775715
Ion Ratio Lower Upper
93 100
63 70.7 50.9 90.9
95 32.5 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 50.755 ng
RT: 7.663 min Scan# 795
Delta R.T. -0.006 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

Tgt Ion: 146 Resp: 967039
Ion Ratio Lower Upper
146 100
148 64.4 52.5 78.7
75 27.2 22.5 33.7

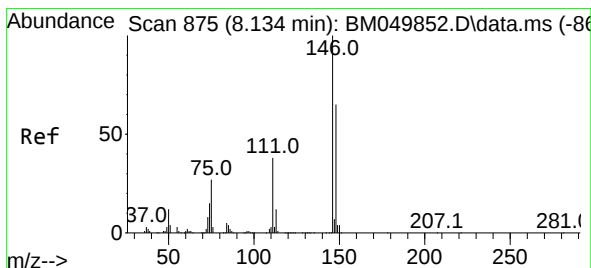
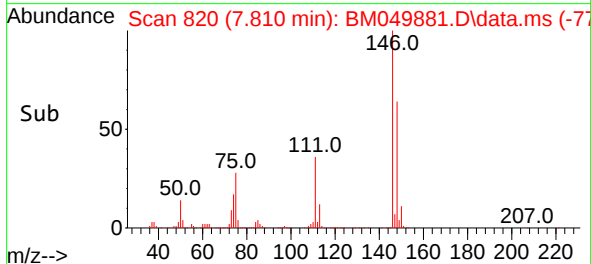
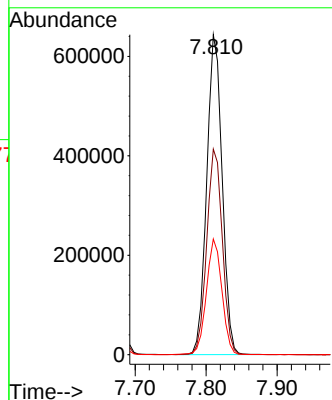
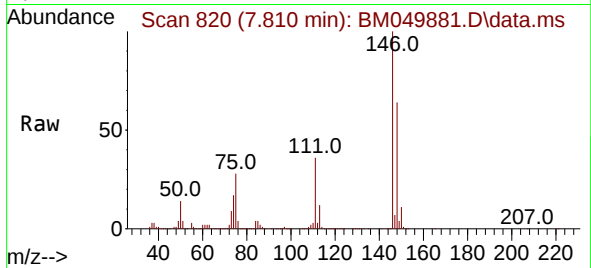




#13
1,4-Dichlorobenzene
Concen: 50.723 ng
RT: 7.810 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

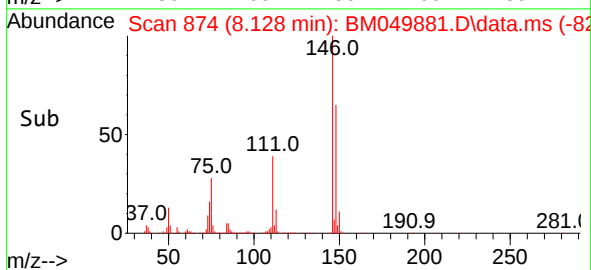
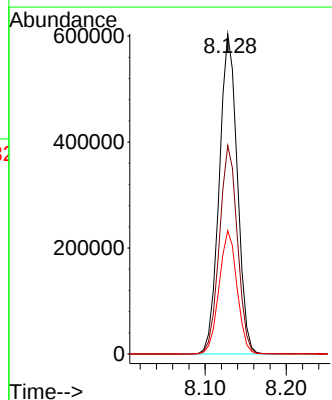
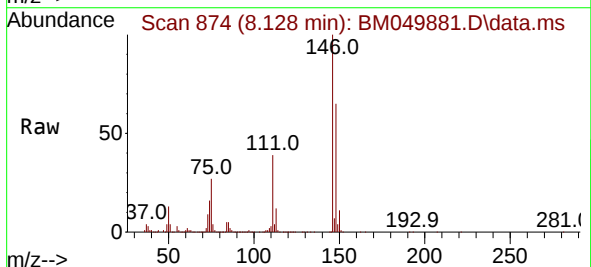
Instrument :
BNA_M
ClientSampleId :
WC-2MSD

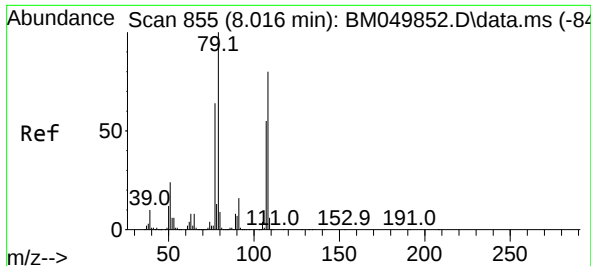
Tgt Ion:146 Resp: 972414
Ion Ratio Lower Upper
146 100
148 64.3 52.4 78.6
111 36.1 28.5 42.7



#14
1,2-Dichlorobenzene
Concen: 51.731 ng
RT: 8.128 min Scan# 874
Delta R.T. -0.006 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

Tgt Ion:146 Resp: 934113
Ion Ratio Lower Upper
146 100
148 65.2 51.8 77.8
111 38.5 30.2 45.4

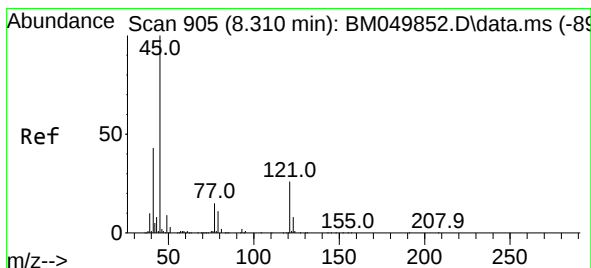
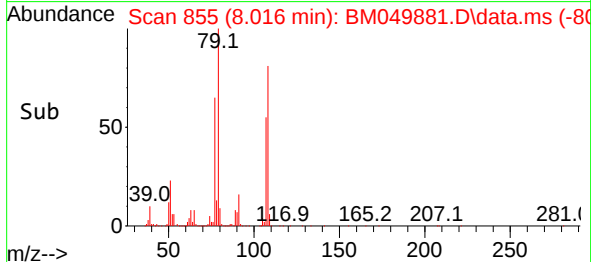
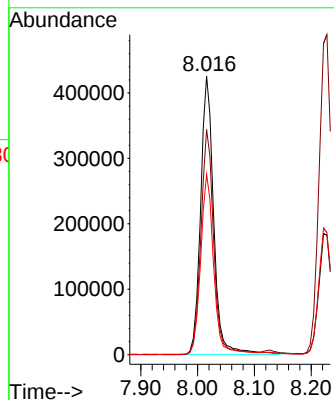
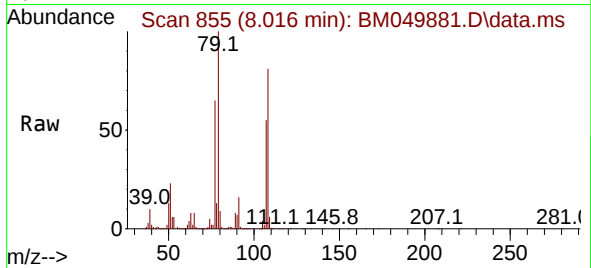




#15
Benzyl Alcohol
Concen: 55.314 ng
RT: 8.016 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

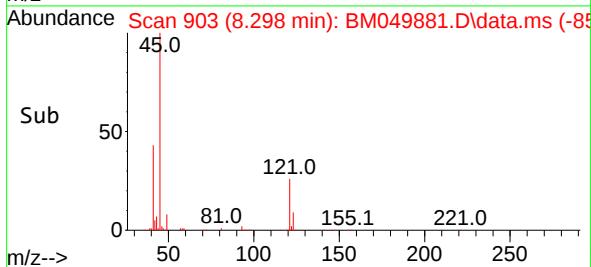
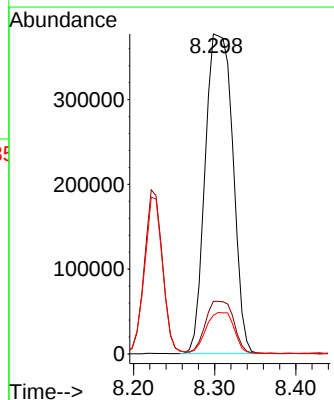
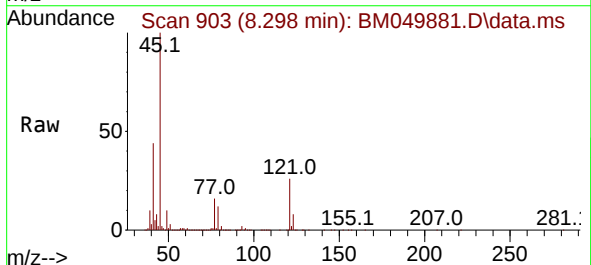
Instrument :
BNA_M
ClientSampleId :
WC-2MSD

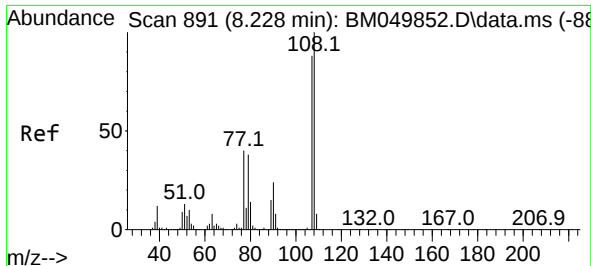
Tgt Ion: 79 Resp: 681483
Ion Ratio Lower Upper
79 100
108 80.8 63.6 95.4
77 64.8 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.468 ng
RT: 8.298 min Scan# 903
Delta R.T. -0.012 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

Tgt Ion: 45 Resp: 892291
Ion Ratio Lower Upper
45 100
77 16.4 0.0 36.9
79 12.0 0.0 32.9



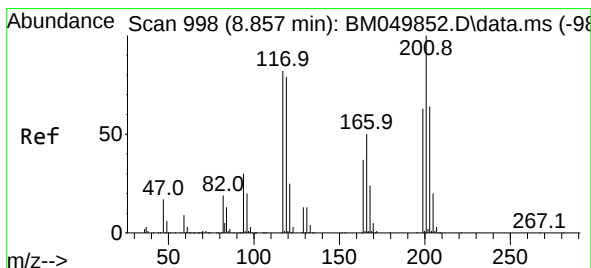
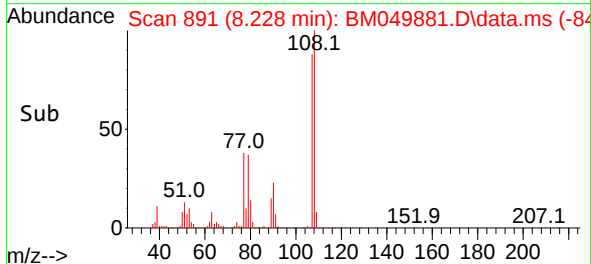
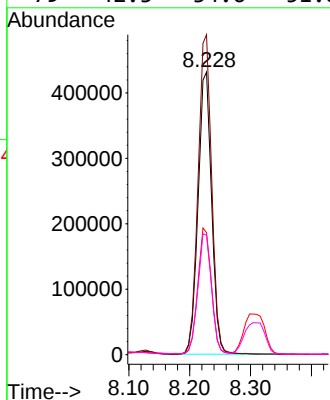
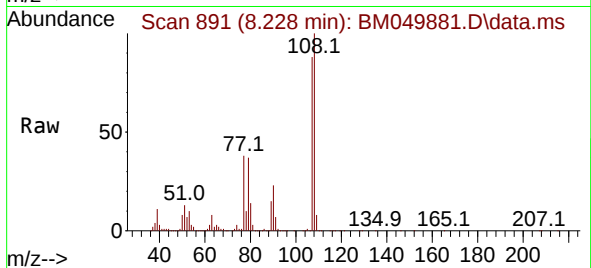


#17
2-Methylphenol
Concen: 56.521 ng
RT: 8.228 min Scan# 891
Delta R.T. 0.000 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

Instrument :
BNA_M
ClientSampleId :
WC-2MSD

Tgt Ion:107 Resp: 665024

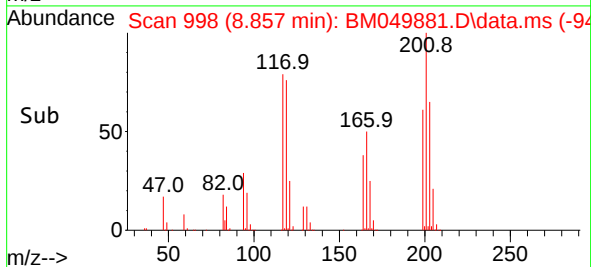
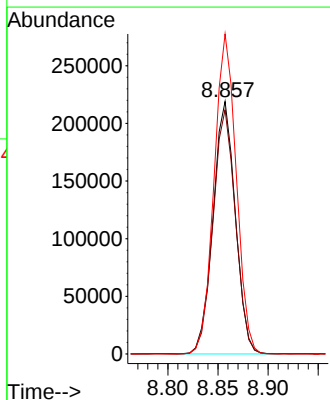
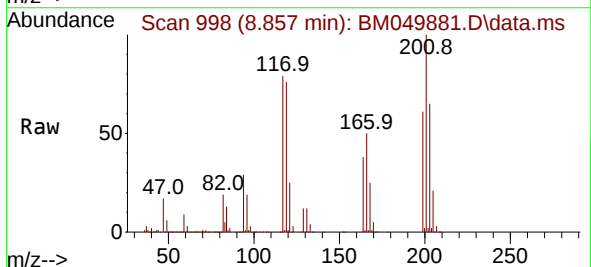
Ion	Ratio	Lower	Upper
107	100		
108	113.3	91.0	136.6
77	43.2	36.5	54.7
79	42.3	34.6	51.8

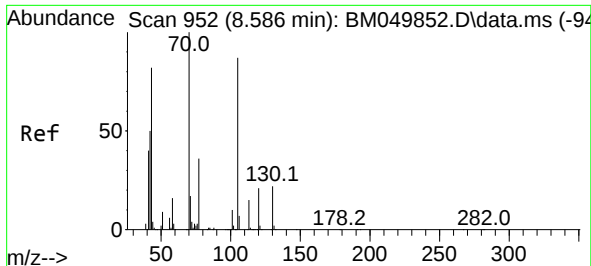


#18
Hexachloroethane
Concen: 50.720 ng
RT: 8.857 min Scan# 998
Delta R.T. 0.000 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

Tgt Ion:117 Resp: 338292

Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.5	116.3
201	126.8	97.7	146.5

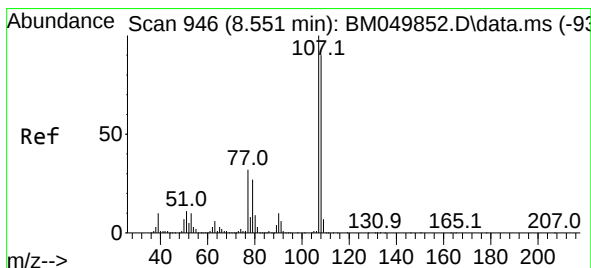
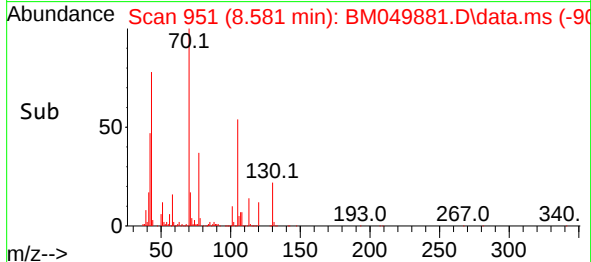
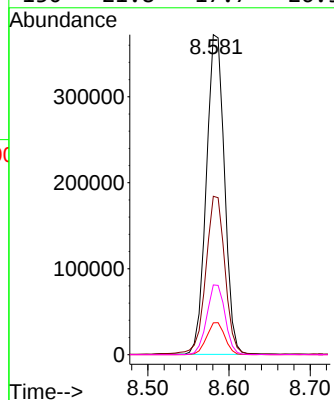
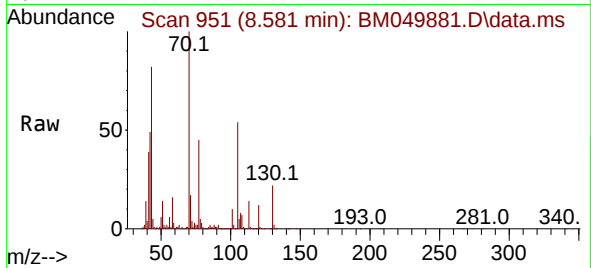




#19
n-Nitroso-di-n-propylamine
Concen: 53.165 ng
RT: 8.581 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

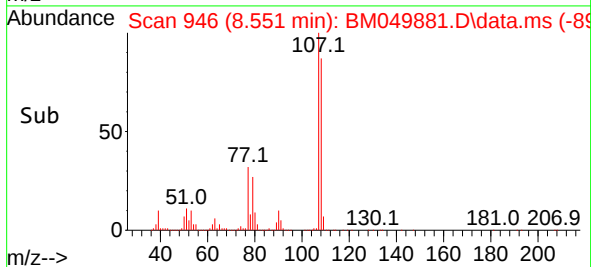
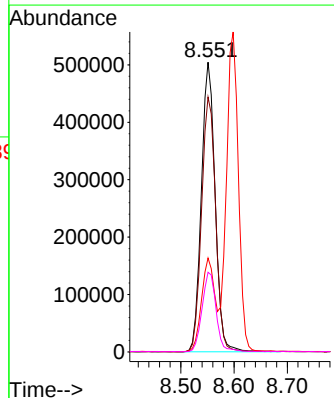
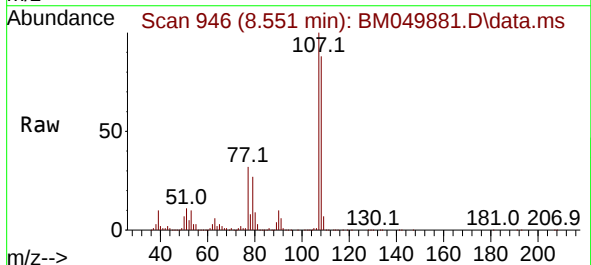
Instrument :
BNA_M
ClientSampleId :
WC-2MSD

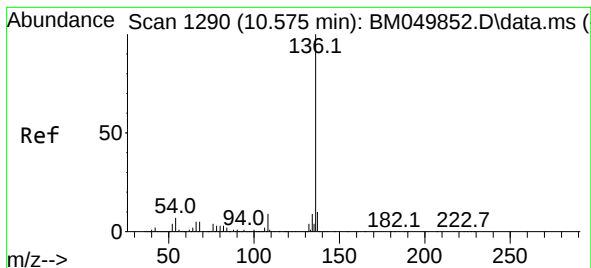
Tgt Ion: 70 Resp: 576116
Ion Ratio Lower Upper
70 100
42 49.5 40.2 60.2
101 9.9 7.9 11.9
130 21.8 17.7 26.5



#20
3+4-Methylphenols
Concen: 56.384 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.000 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

Tgt Ion: 107 Resp: 904454
Ion Ratio Lower Upper
107 100
108 88.0 69.6 109.6
77 32.4 11.7 51.7
79 27.5 7.3 47.3

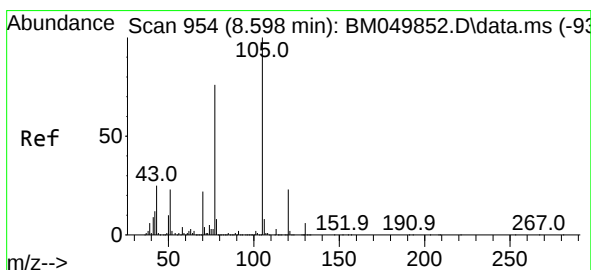
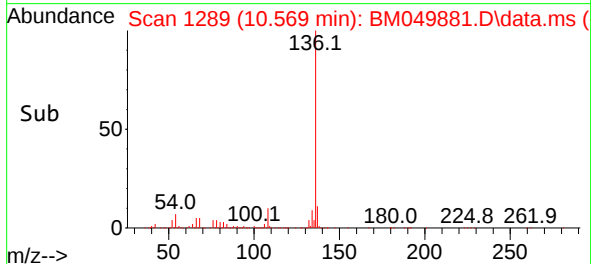
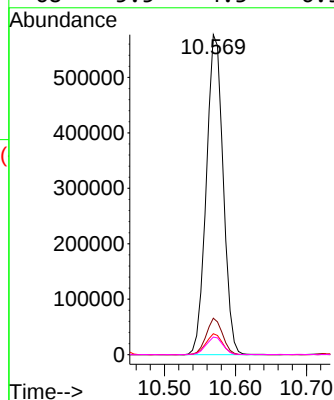
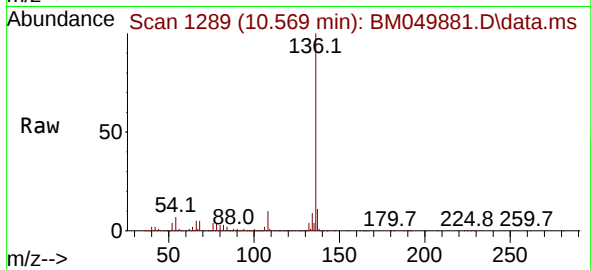




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

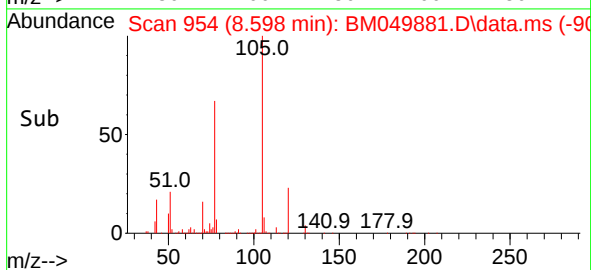
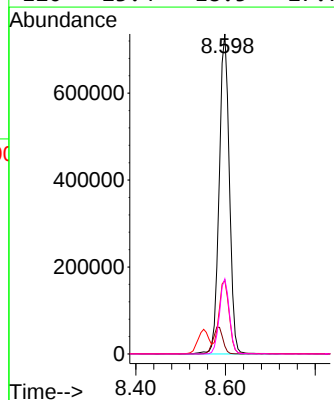
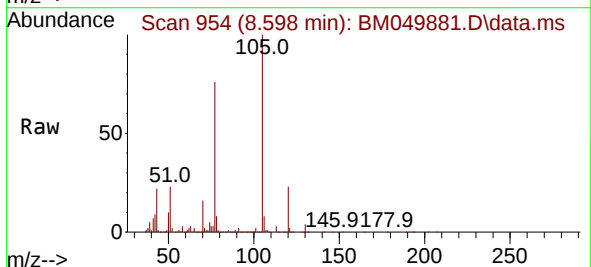
Instrument :
BNA_M
ClientSampleId :
WC-2MSD

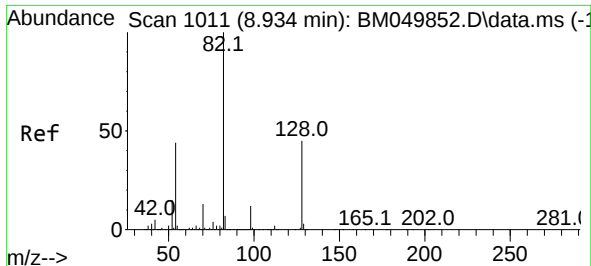
Tgt Ion:136 Resp: 952171
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 6.5 5.3 7.9
68 5.5 4.3 6.5



#22
Acetophenone
Concen: 49.984 ng
RT: 8.598 min Scan# 954
Delta R.T. 0.000 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

Tgt Ion:105 Resp: 1156670
Ion Ratio Lower Upper
105 100
71 2.5 3.0 4.4#
51 23.0 18.6 27.8
120 23.4 18.5 27.7

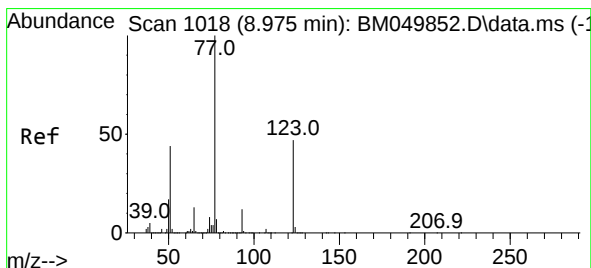
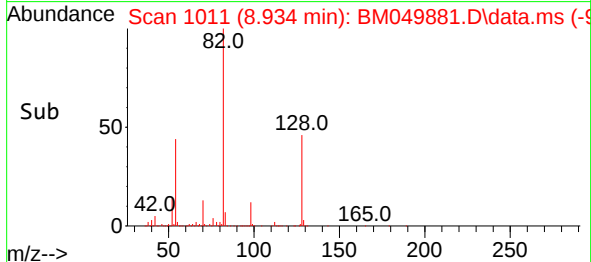
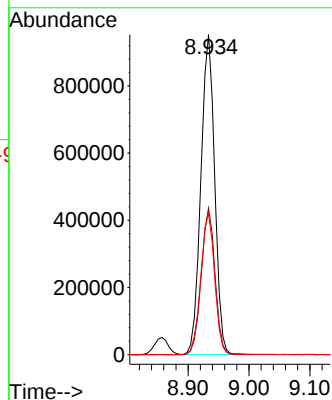
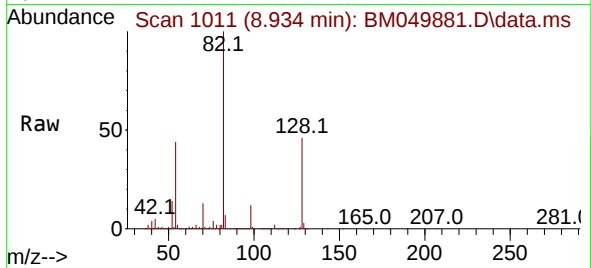




#23
Nitrobenzene-d5
Concen: 87.494 ng
RT: 8.934 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

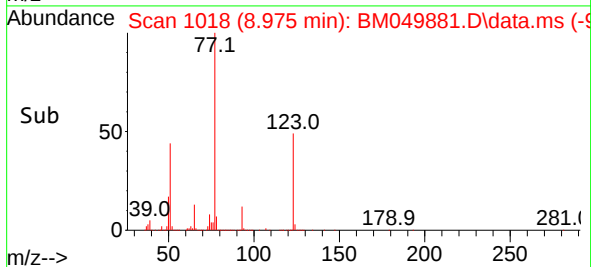
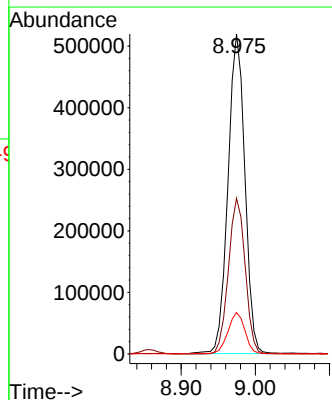
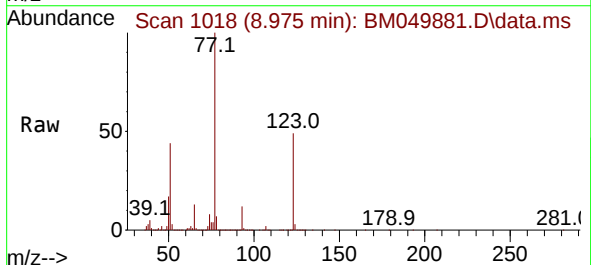
Instrument :
BNA_M
ClientSampleId :
WC-2MSD

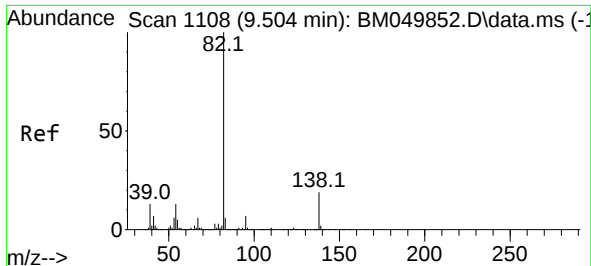
Tgt Ion: 82 Resp: 1496066
Ion Ratio Lower Upper
82 100
128 45.8 36.2 54.2
54 44.2 35.0 52.6



#24
Nitrobenzene
Concen: 49.913 ng
RT: 8.975 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

Tgt Ion: 77 Resp: 821816
Ion Ratio Lower Upper
77 100
123 48.6 37.4 56.2
65 13.0 10.1 15.1

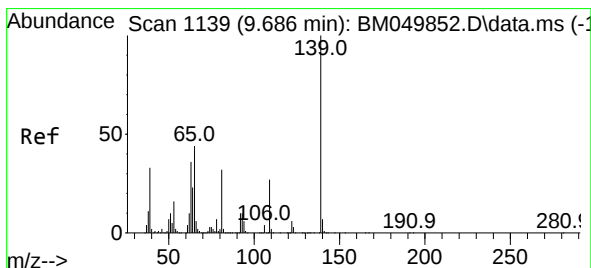
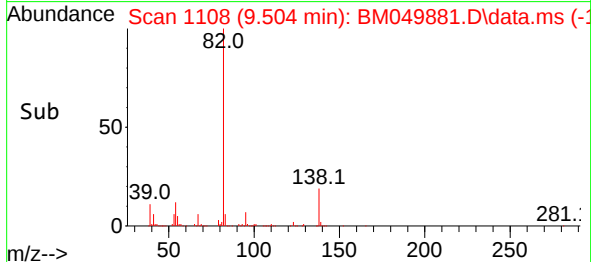
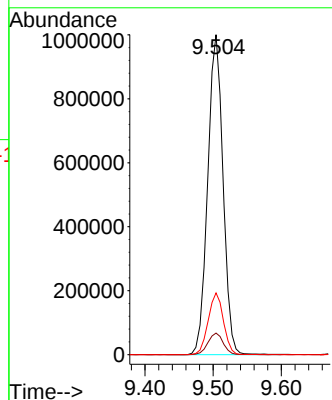
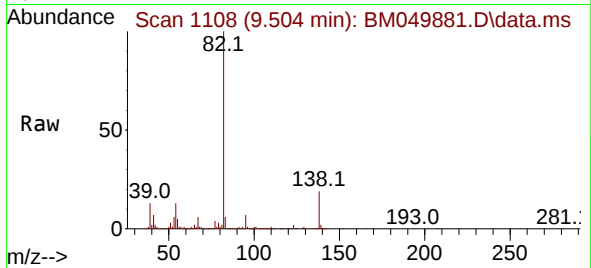




#25
Isophorone
Concen: 54.534 ng
RT: 9.504 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

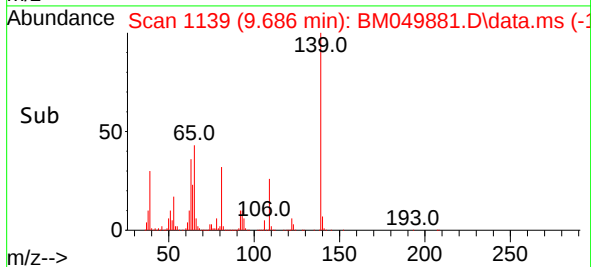
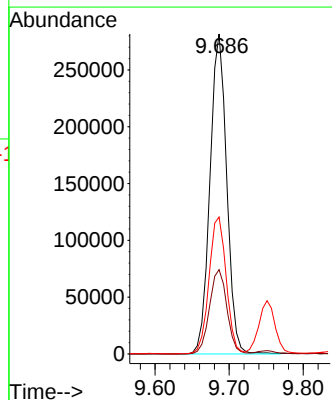
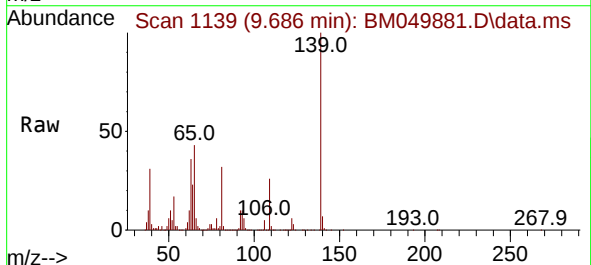
Instrument :
BNA_M
ClientSampleId :
WC-2MSD

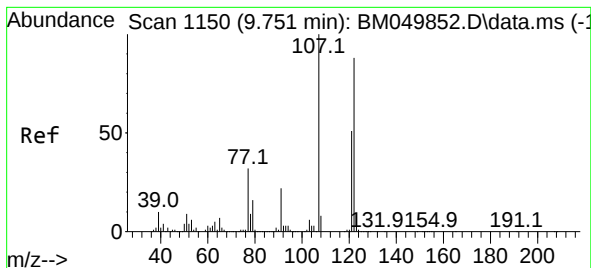
Tgt Ion: 82 Resp: 1562111
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 19.3 15.0 22.6



#26
2-Nitrophenol
Concen: 50.691 ng
RT: 9.686 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

Tgt Ion:139 Resp: 442361
Ion Ratio Lower Upper
139 100
109 26.4 21.7 32.5
65 42.8 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 75.138 ng

RT: 9.751 min Scan# 1150

Delta R.T. -0.000 min

Lab File: BM049881.D

Acq: 10 Apr 2025 12:52

Instrument :

BNA_M

ClientSampleId :

WC-2MSD

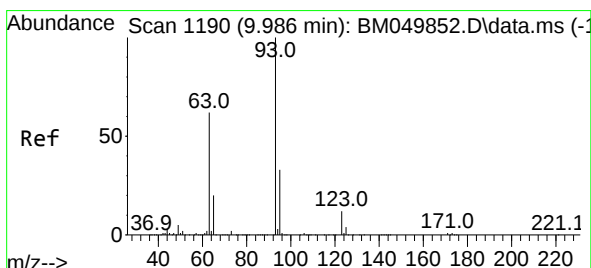
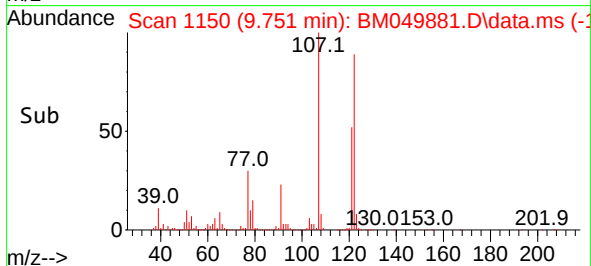
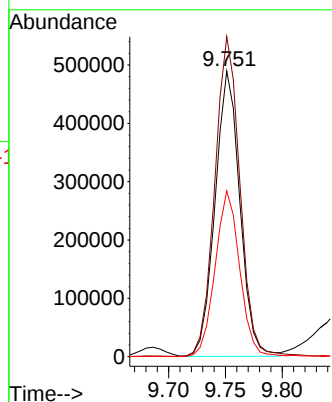
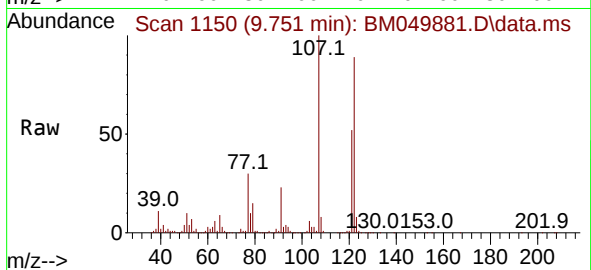
Tgt Ion:122 Resp: 743103

Ion Ratio Lower Upper

122 100

107 112.1 90.3 135.5

121 58.1 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 51.595 ng

RT: 9.981 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BM049881.D

Acq: 10 Apr 2025 12:52

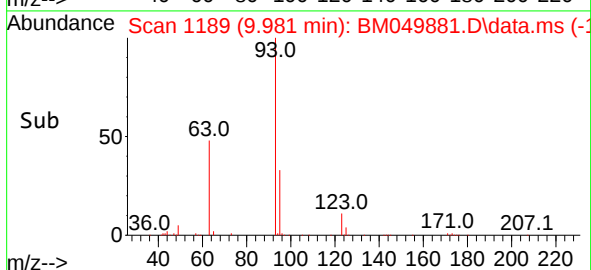
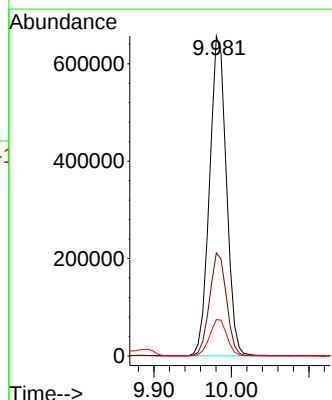
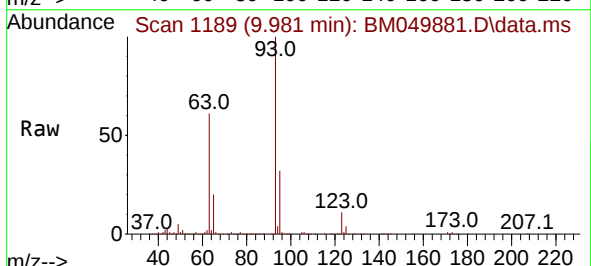
Tgt Ion: 93 Resp: 989430

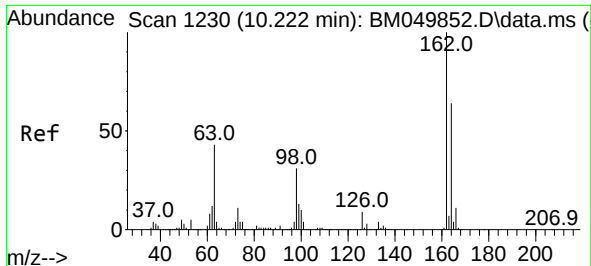
Ion Ratio Lower Upper

93 100

95 32.2 26.6 40.0

123 11.4 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 52.638 ng

RT: 10.222 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049881.D

Acq: 10 Apr 2025 12:52

Instrument :

BNA_M

ClientSampleId :

WC-2MSD

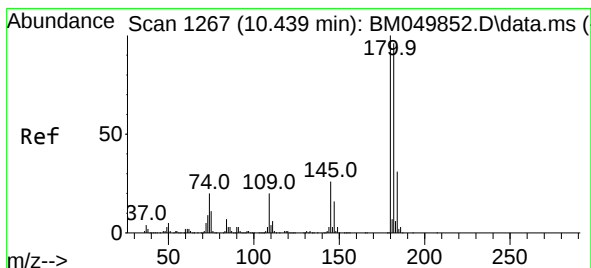
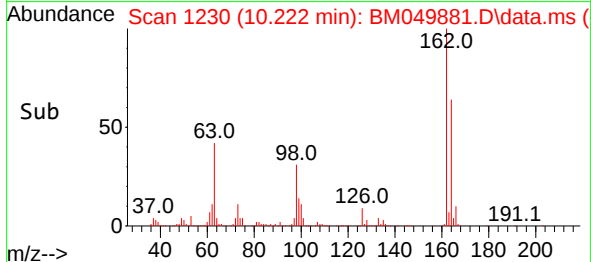
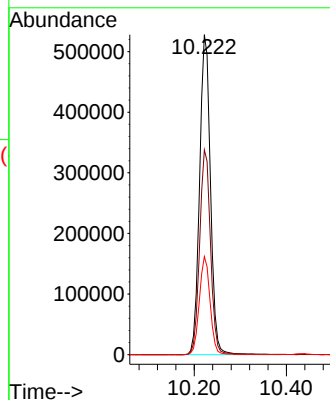
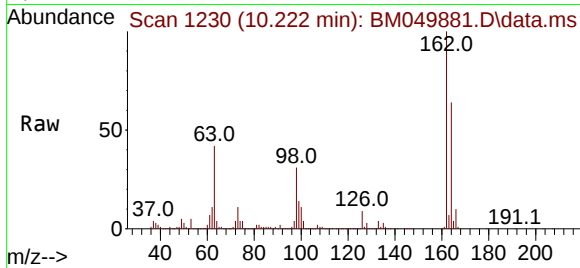
Tgt Ion:162 Resp: 865337

Ion Ratio Lower Upper

162 100

164 64.0 44.3 84.3

98 30.6 10.9 50.9



#30

1,2,4-Trichlorobenzene

Concen: 49.361 ng

RT: 10.433 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BM049881.D

Acq: 10 Apr 2025 12:52

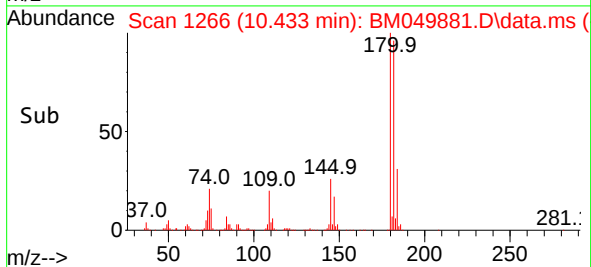
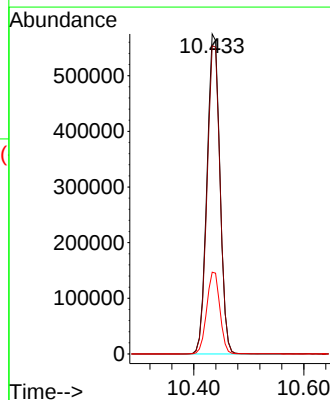
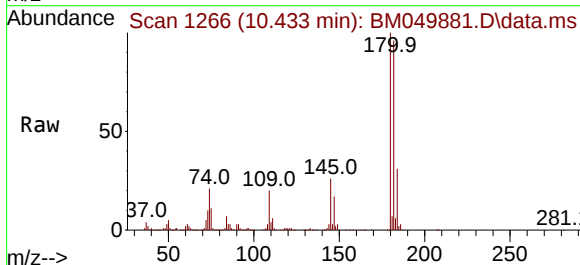
Tgt Ion:180 Resp: 938746

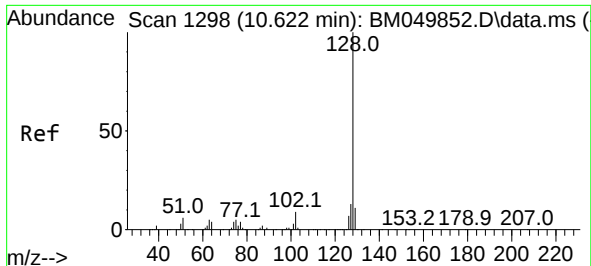
Ion Ratio Lower Upper

180 100

182 96.3 76.7 115.1

145 25.6 20.8 31.2

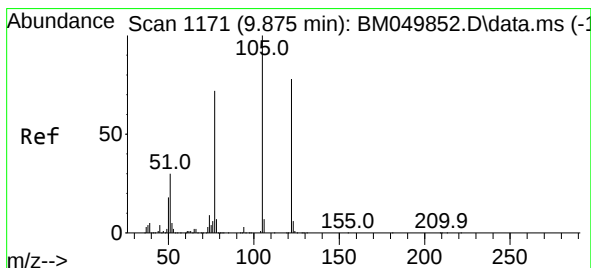
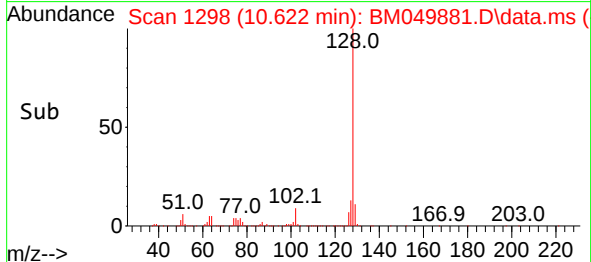
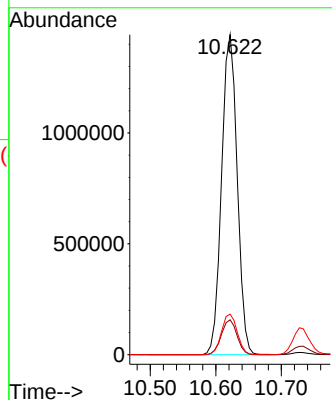
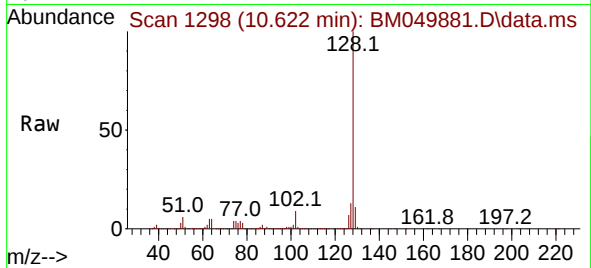




#31
Naphthalene
Concen: 48.549 ng
RT: 10.622 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

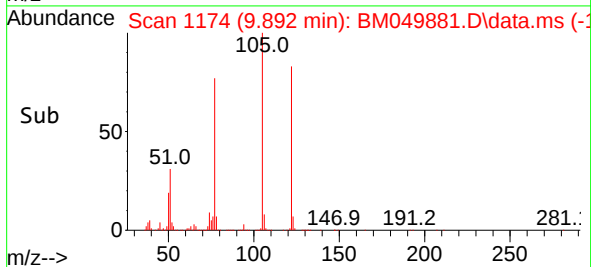
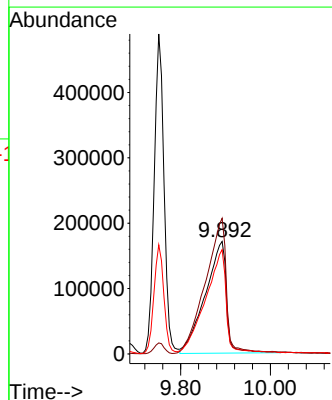
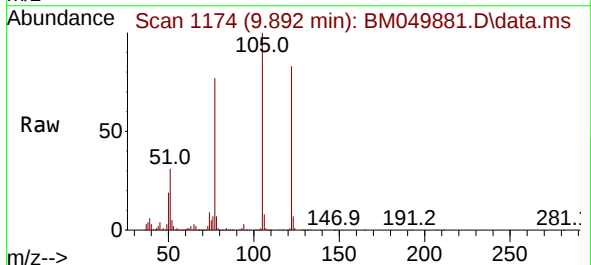
Instrument :
BNA_M
ClientSampleId :
WC-2MSD

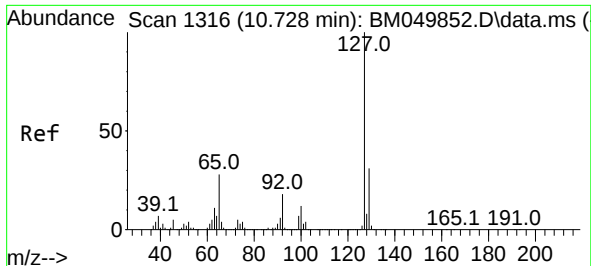
Tgt Ion:128 Resp: 2375324
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.6 10.6 15.8



#32
Benzoic acid
Concen: 46.013 ng
RT: 9.892 min Scan# 1174
Delta R.T. 0.017 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

Tgt Ion:122 Resp: 558792
Ion Ratio Lower Upper
122 100
105 120.6 103.8 143.8
77 92.7 70.7 110.7

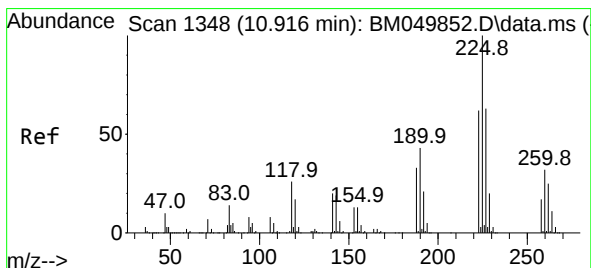
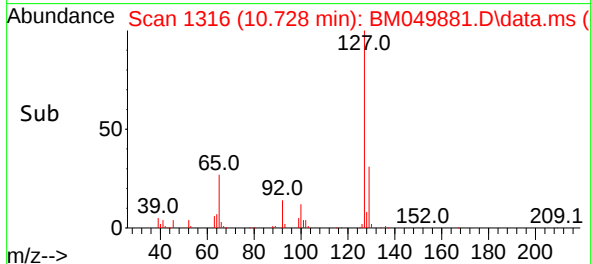
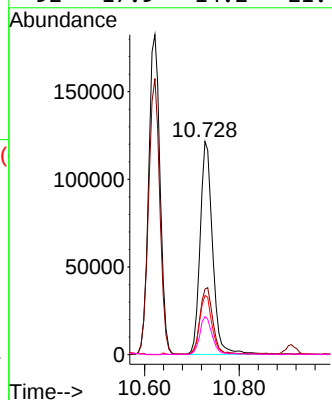
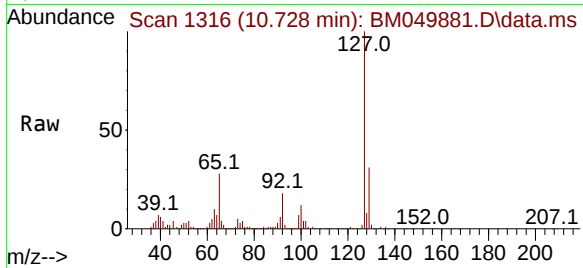




#33
4-Chloroaniline
Concen: 12.877 ng
RT: 10.728 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

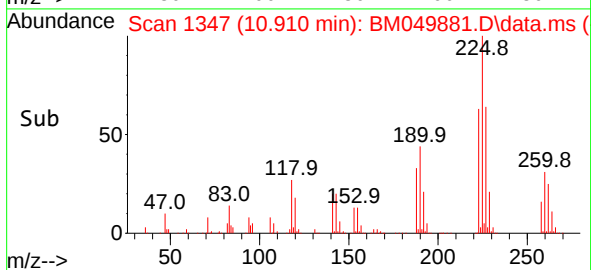
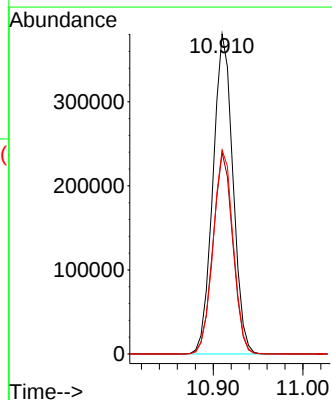
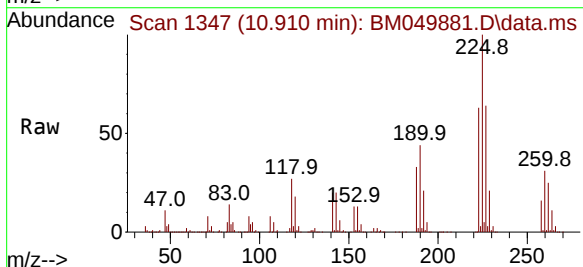
Instrument :
BNA_M
ClientSampleId :
WC-2MSD

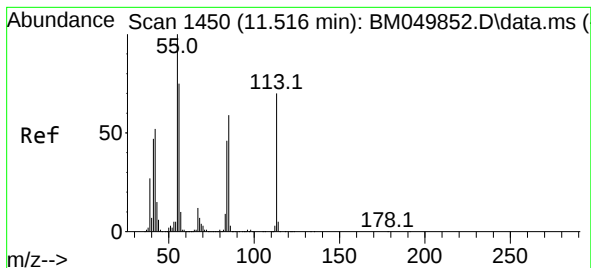
Tgt Ion:	127	Resp:	222462
Ion	Ratio	Lower	Upper
127	100		
129	30.8	24.9	37.3
65	27.8	22.4	33.6
92	17.9	14.2	21.4



#34
Hexachlorobutadiene
Concen: 49.952 ng
RT: 10.910 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

Tgt Ion:	225	Resp:	587633
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.4	74.2
227	63.7	50.1	75.1

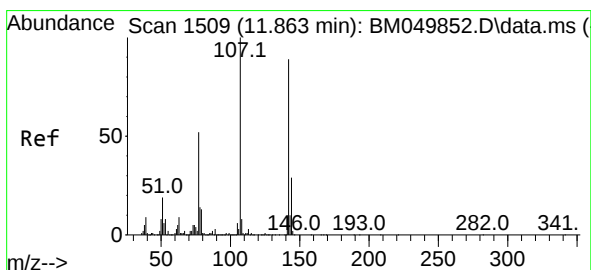
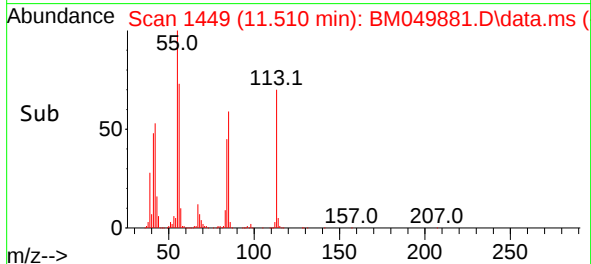
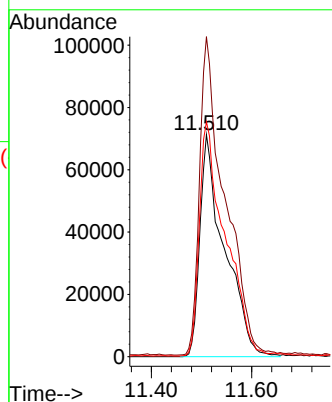
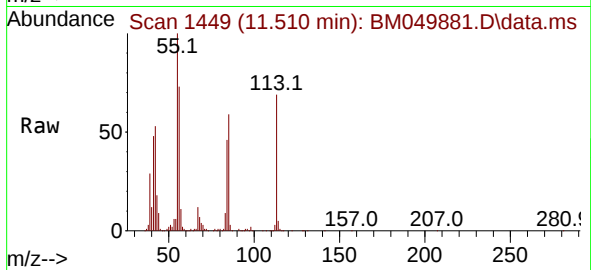




#35
Caprolactam
Concen: 51.310 ng
RT: 11.510 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

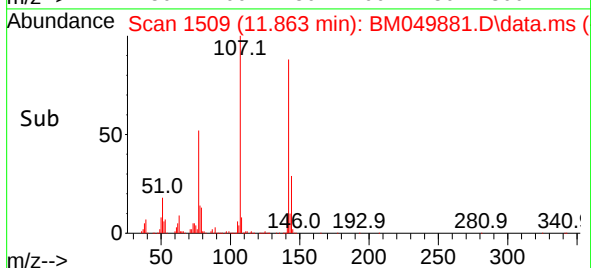
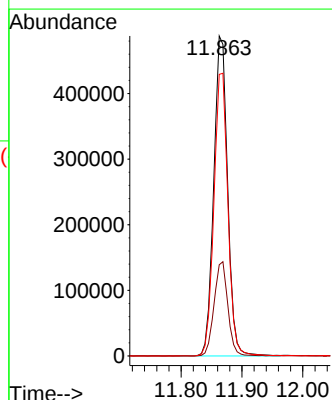
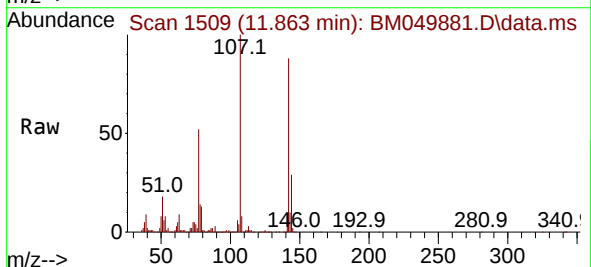
Instrument :
BNA_M
ClientSampleId :
WC-2MSD

Tgt Ion:113 Resp: 241928
Ion Ratio Lower Upper
113 100
55 144.1 124.3 164.3
56 105.8 87.5 127.5



#36
4-Chloro-3-methylphenol
Concen: 53.564 ng
RT: 11.863 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

Tgt Ion:107 Resp: 771329
Ion Ratio Lower Upper
107 100
144 28.5 23.6 35.4
142 88.0 71.4 107.0

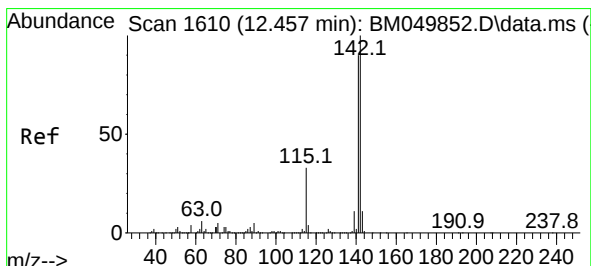
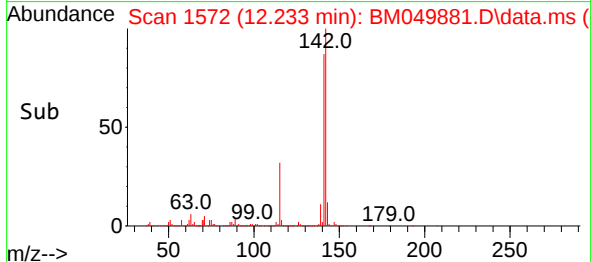
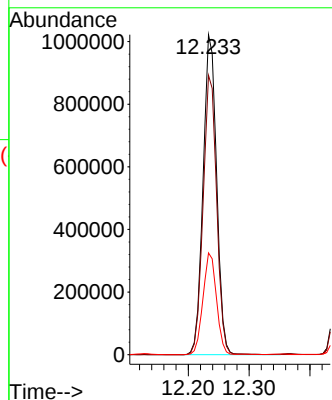
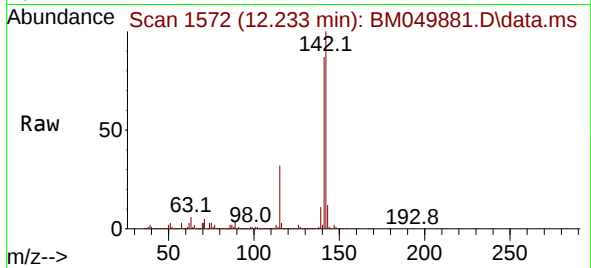




#37
2-Methylnaphthalene
Concen: 45.649 ng
RT: 12.233 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

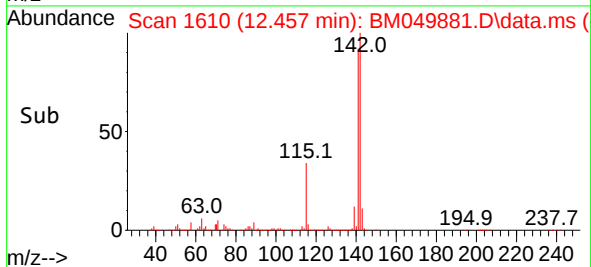
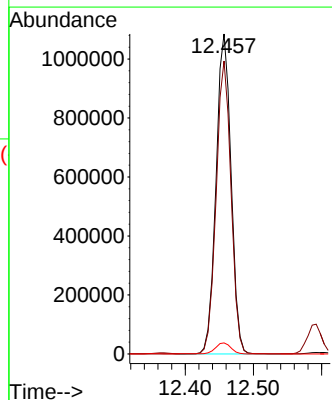
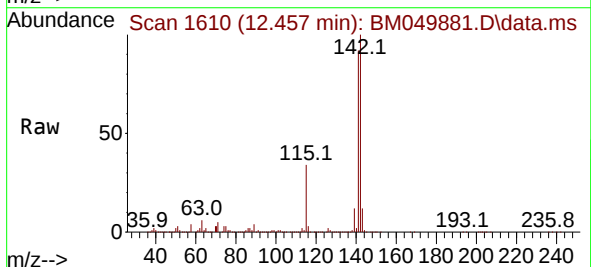
Instrument :
BNA_M
ClientSampleId :
WC-2MSD

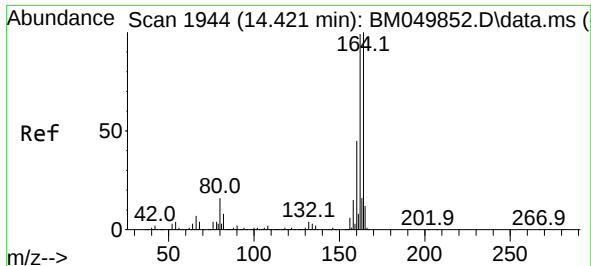
Tgt Ion:142 Resp: 1573594
Ion Ratio Lower Upper
142 100
141 87.3 70.2 105.2
115 31.8 25.4 38.2



#38
1-Methylnaphthalene
Concen: 49.389 ng
RT: 12.457 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

Tgt Ion:142 Resp: 1658641
Ion Ratio Lower Upper
142 100
141 91.5 72.2 108.2
116 3.5 2.9 4.3

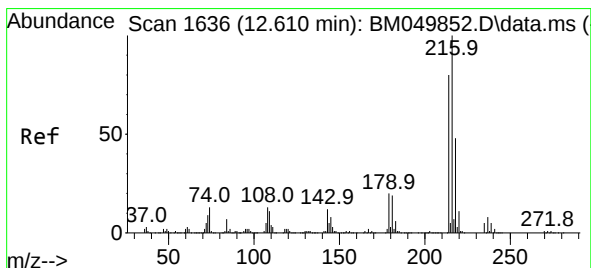
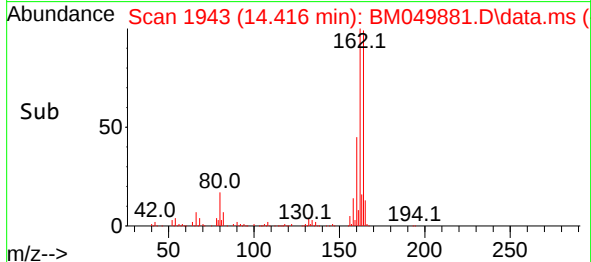
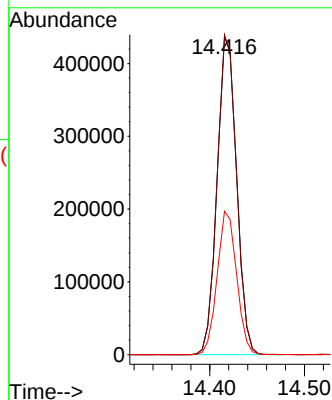
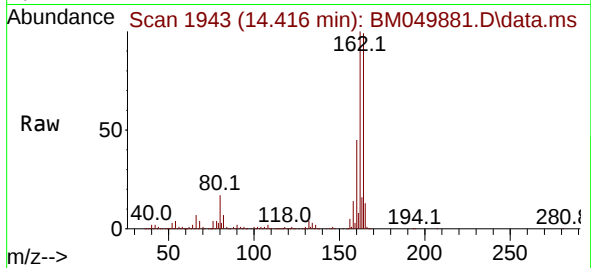




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

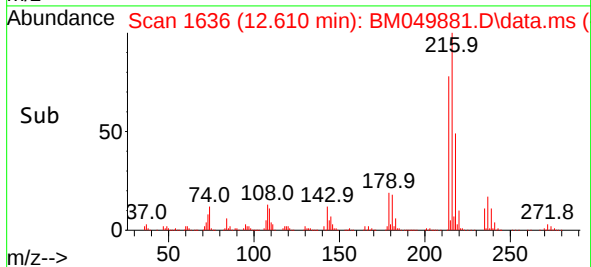
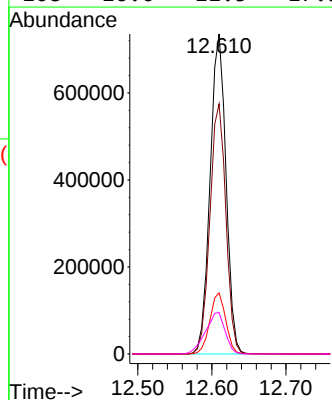
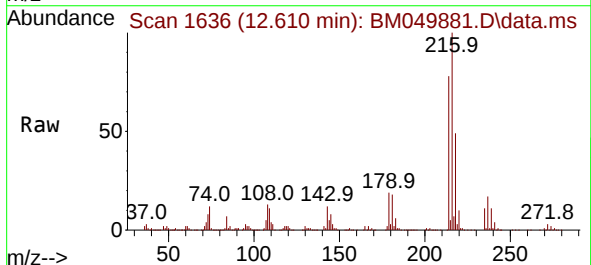
Instrument :
BNA_M
ClientSampleId :
WC-2MSD

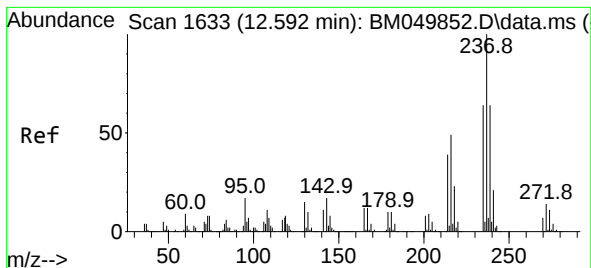
Tgt Ion:164 Resp: 626793
Ion Ratio Lower Upper
164 100
162 100.7 79.4 119.0
160 45.2 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.869 ng
RT: 12.610 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

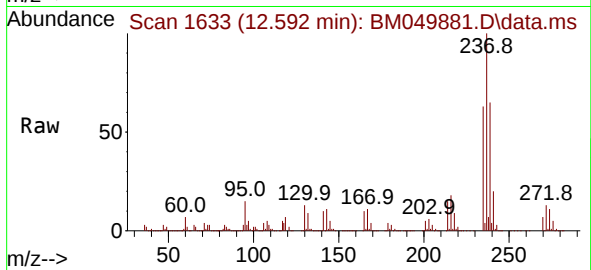
Tgt Ion:216 Resp: 1093535
Ion Ratio Lower Upper
216 100
214 78.7 63.2 94.8
179 19.1 15.8 23.6
108 16.0 11.5 17.3



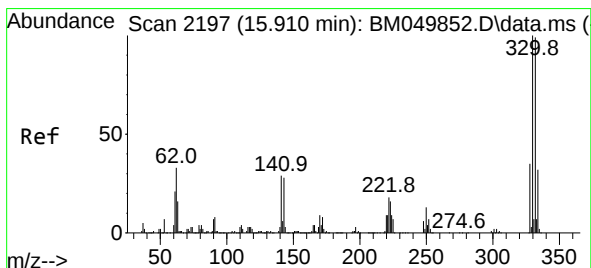
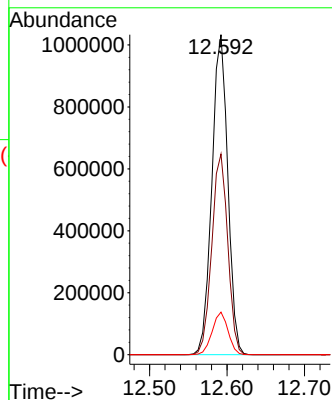
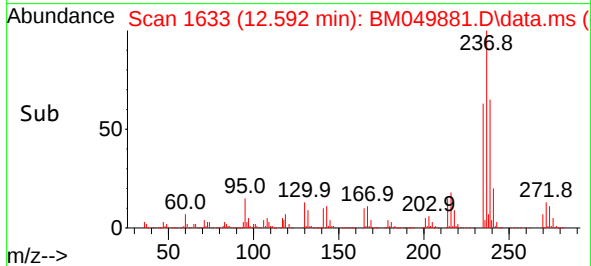


#41
Hexachlorocyclopentadiene
Concen: 191.427 ng
RT: 12.592 min Scan# 1633
Delta R.T. 0.000 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

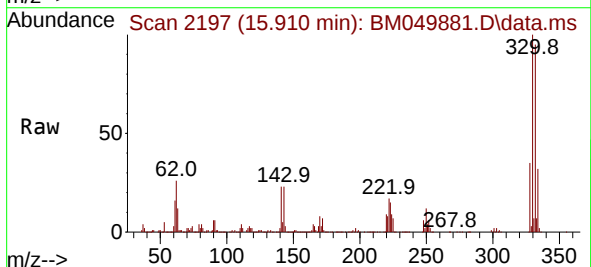
Instrument :
BNA_M
ClientSampleId :
WC-2MSD



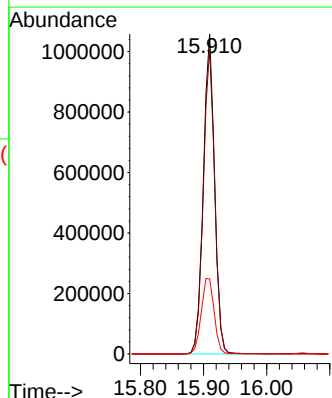
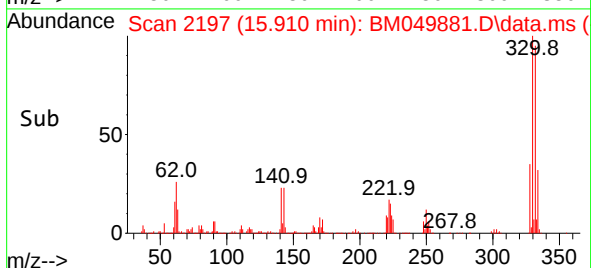
Tgt Ion:237 Resp: 1470881
Ion Ratio Lower Upper
237 100
235 62.7 43.7 83.7
272 13.3 0.0 33.5

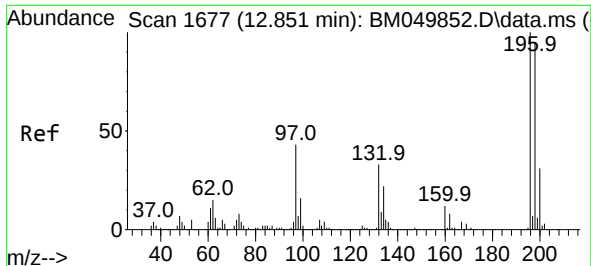


#42
2,4,6-Tribromophenol
Concen: 143.744 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52



Tgt Ion:330 Resp: 1310505
Ion Ratio Lower Upper
330 100
332 95.9 78.0 117.0
141 27.0 23.5 35.3

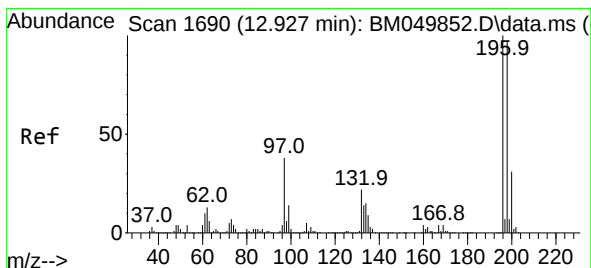
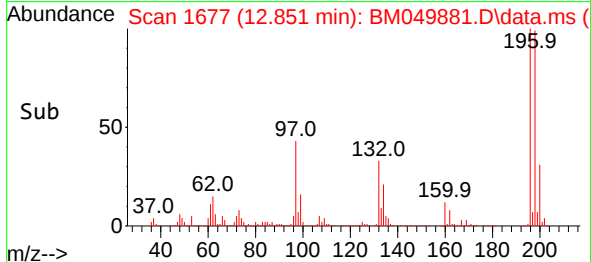
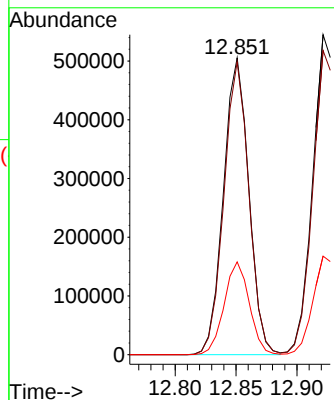
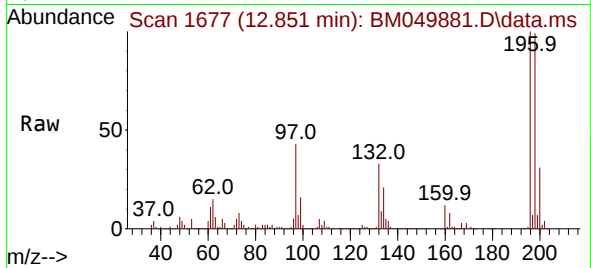




#43
2,4,6-Trichlorophenol
Concen: 52.576 ng
RT: 12.851 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

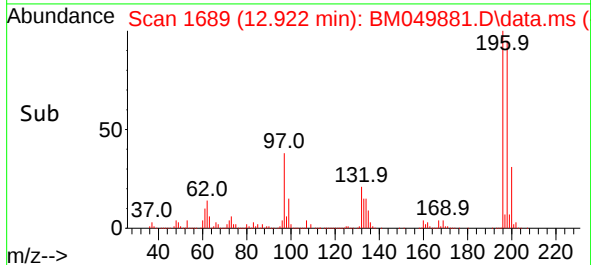
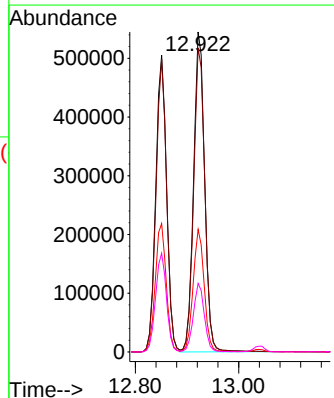
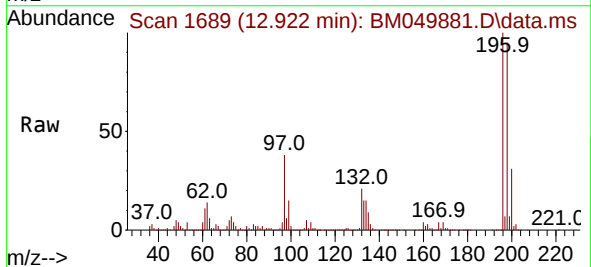
Instrument :
BNA_M
ClientSampleId :
WC-2MSD

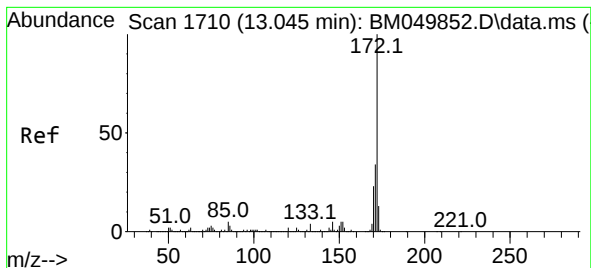
Tgt Ion:196 Resp: 733632
Ion Ratio Lower Upper
196 100
198 98.6 76.1 114.1
200 31.3 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 53.444 ng
RT: 12.922 min Scan# 1689
Delta R.T. -0.006 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

Tgt Ion:196 Resp: 810406
Ion Ratio Lower Upper
196 100
198 95.0 77.7 116.5
97 38.3 30.3 45.5
132 21.4 17.3 25.9





#45

2-Fluorobiphenyl

Concen: 86.513 ng

RT: 13.039 min Scan# 1709

Delta R.T. -0.006 min

Lab File: BM049881.D

Acq: 10 Apr 2025 12:52

Instrument :

BNA_M

ClientSampleId :

WC-2MSD

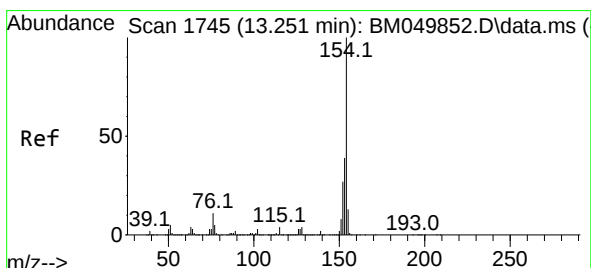
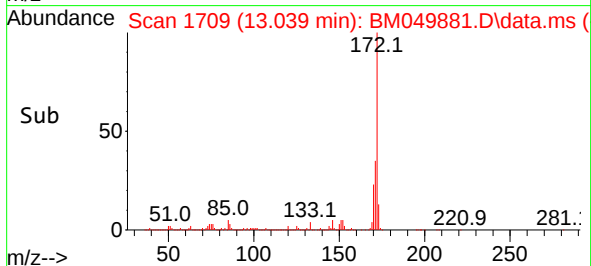
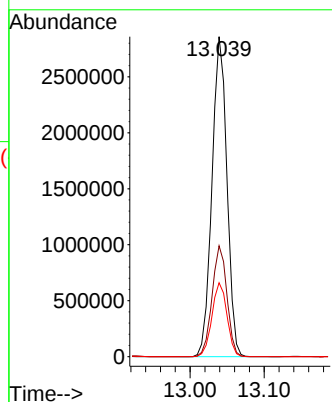
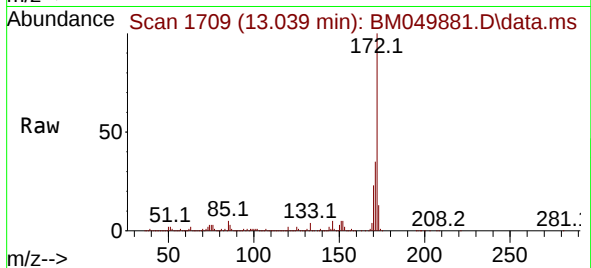
Tgt Ion:172 Resp: 3998926

Ion Ratio Lower Upper

172 100

171 34.7 27.4 41.2

170 23.1 18.6 28.0



#46

1,1'-Biphenyl

Concen: 49.944 ng

RT: 13.251 min Scan# 1745

Delta R.T. 0.000 min

Lab File: BM049881.D

Acq: 10 Apr 2025 12:52

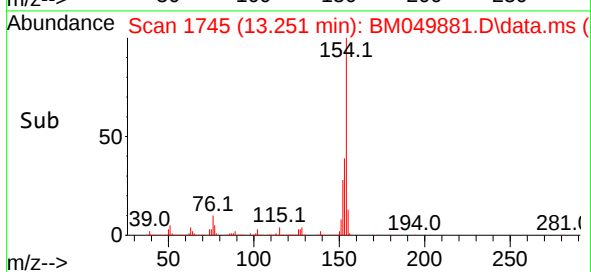
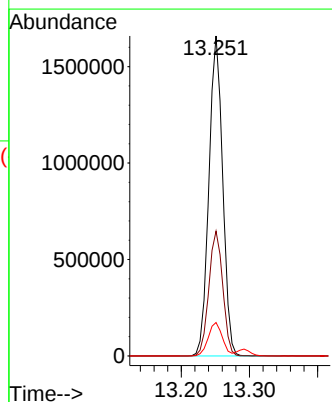
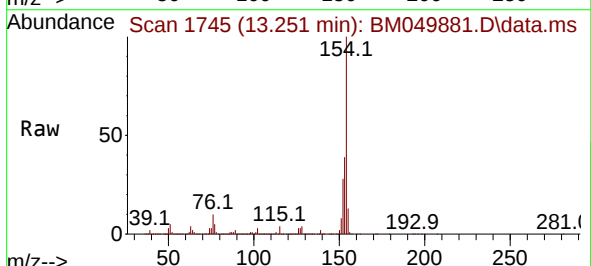
Tgt Ion:154 Resp: 2327089

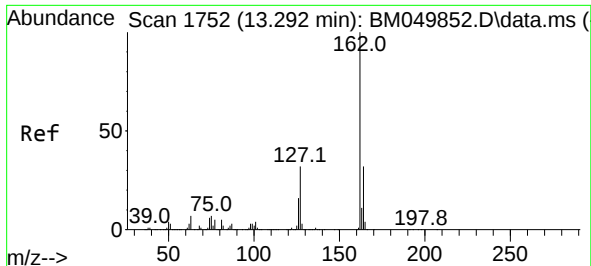
Ion Ratio Lower Upper

154 100

153 39.0 19.3 59.3

76 10.4 0.0 30.7

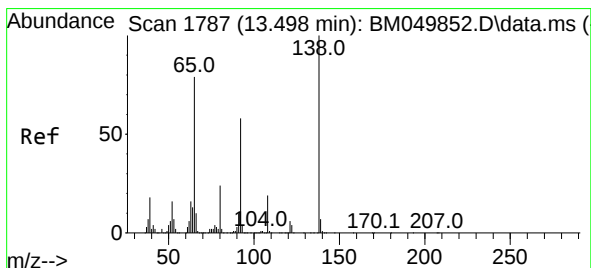
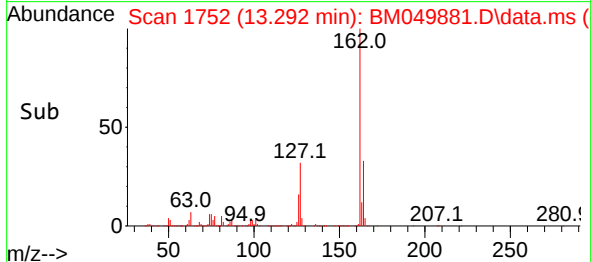
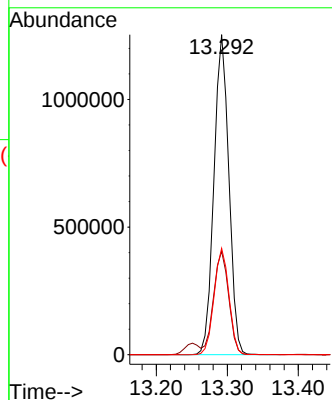
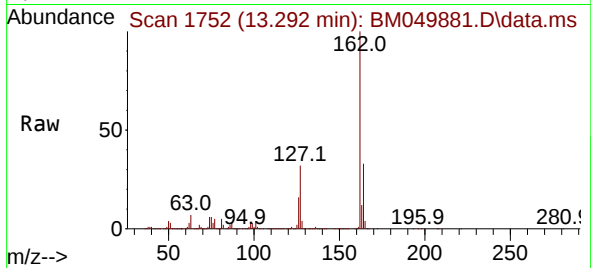




#47
2-Chloronaphthalene
Concen: 49.836 ng
RT: 13.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

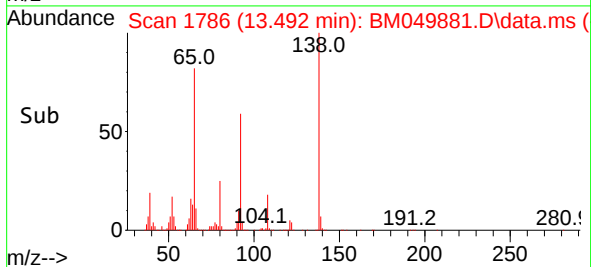
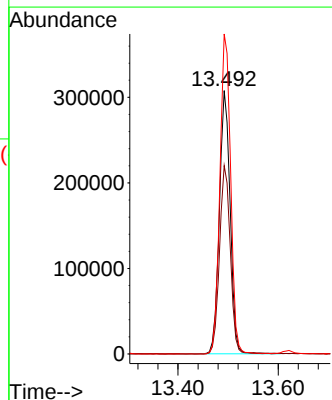
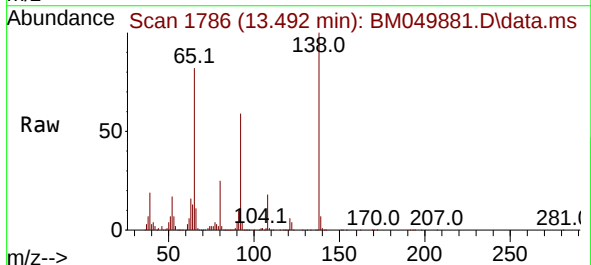
Instrument :
BNA_M
ClientSampleId :
WC-2MSD

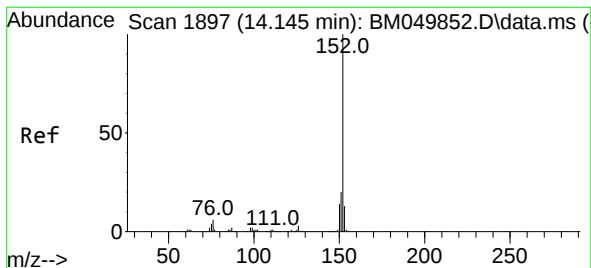
Tgt Ion:162 Resp: 1825109
Ion Ratio Lower Upper
162 100
127 32.3 26.0 39.0
164 33.3 25.9 38.9



#48
2-Nitroaniline
Concen: 54.000 ng
RT: 13.492 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

Tgt Ion: 65 Resp: 457504
Ion Ratio Lower Upper
65 100
92 71.5 58.4 87.6
138 121.5 100.8 151.2





#49

Acenaphthylene

Concen: 55.187 ng

RT: 14.139 min Scan# 1896

Delta R.T. -0.006 min

Lab File: BM049881.D

Acq: 10 Apr 2025 12:52

Instrument :

BNA_M

ClientSampleId :

WC-2MSD

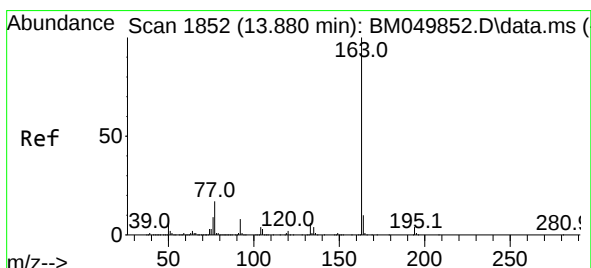
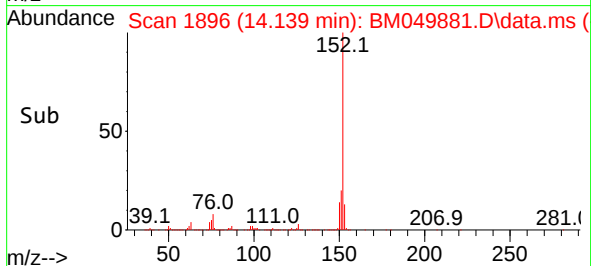
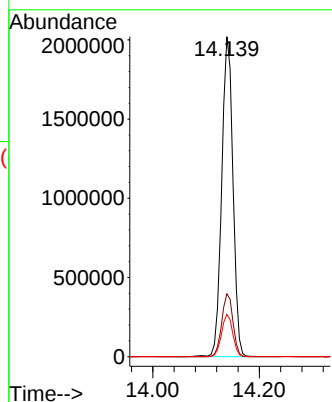
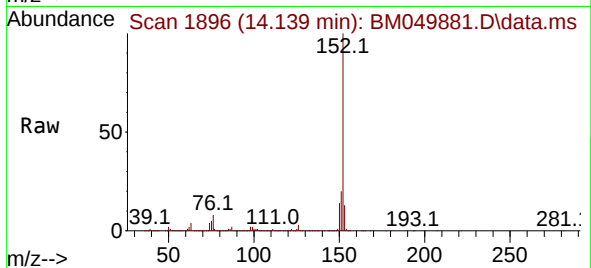
Tgt Ion:152 Resp: 2943996

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 51.415 ng

RT: 13.874 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BM049881.D

Acq: 10 Apr 2025 12:52

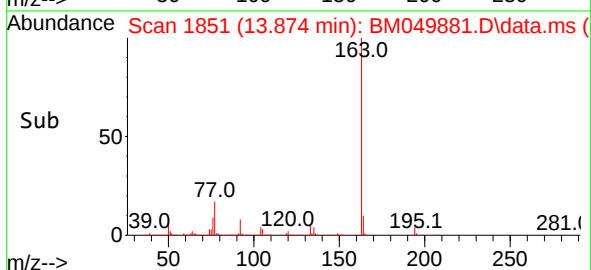
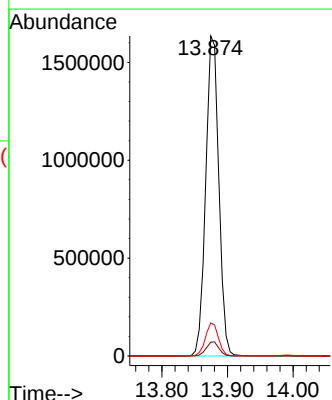
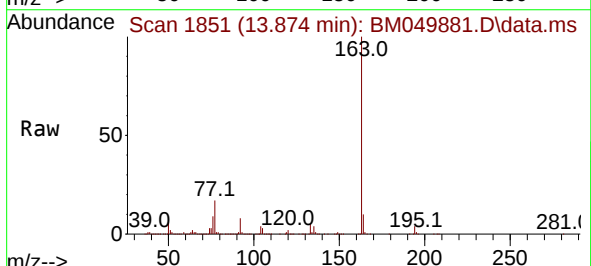
Tgt Ion:163 Resp: 2273524

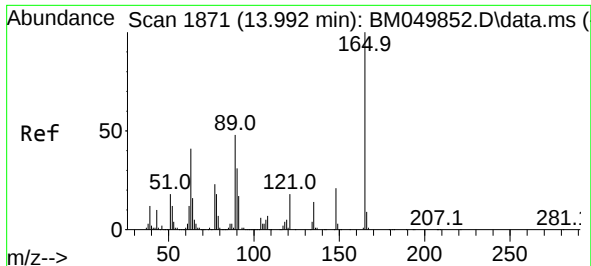
Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 10.3 7.9 11.9

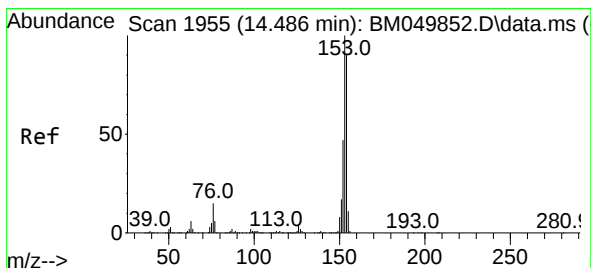
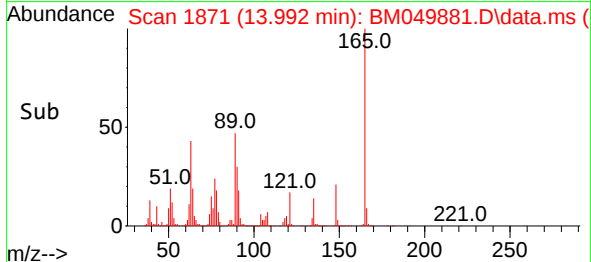
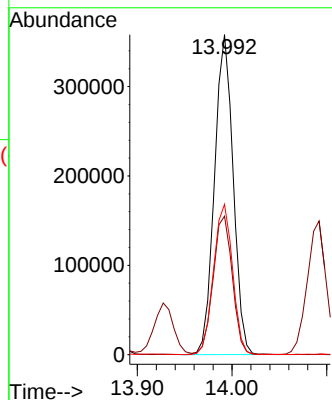
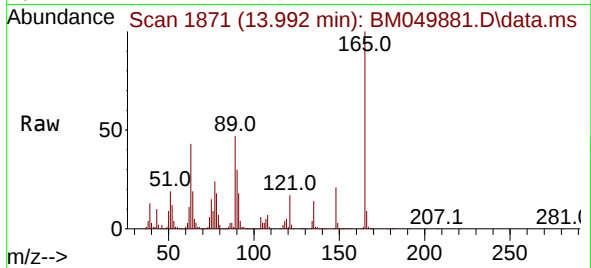




#51
2,6-Dinitrotoluene
Concen: 53.049 ng
RT: 13.992 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

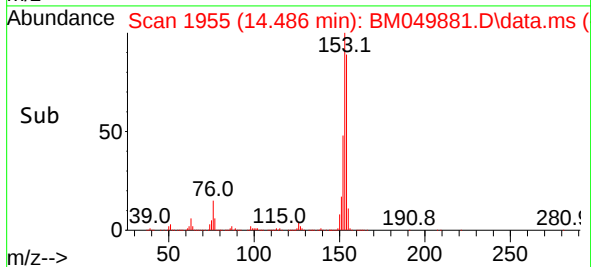
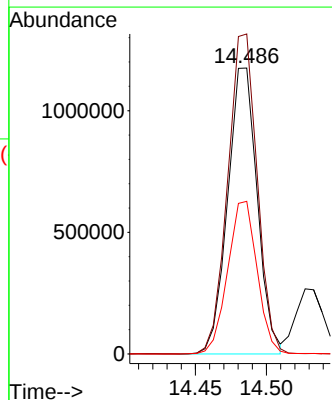
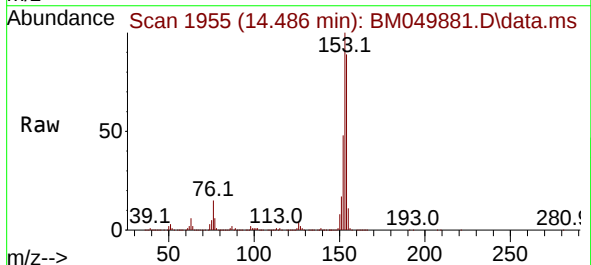
Instrument :
BNA_M
ClientSampleId :
WC-2MSD

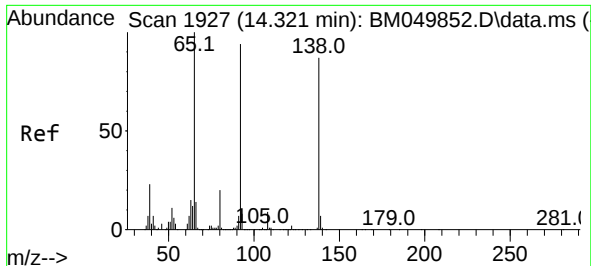
Tgt Ion:165 Resp: 491471
Ion Ratio Lower Upper
165 100
63 43.3 36.1 54.1
89 47.0 38.3 57.5



#52
Acenaphthene
Concen: 50.173 ng
RT: 14.486 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

Tgt Ion:154 Resp: 1702466
Ion Ratio Lower Upper
154 100
153 111.9 89.3 133.9
152 53.4 42.2 63.2

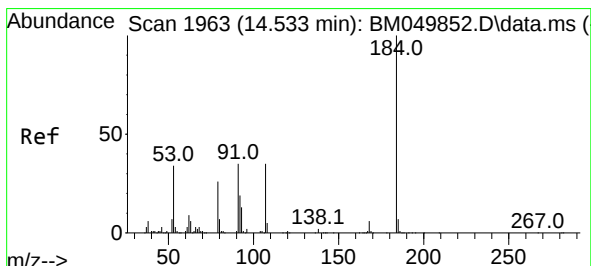
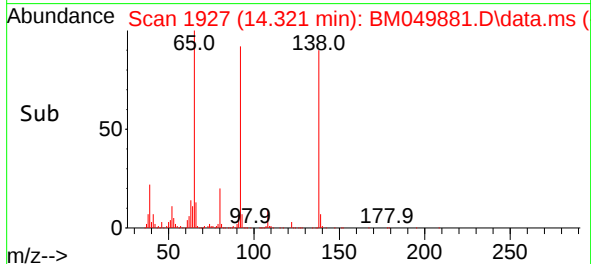
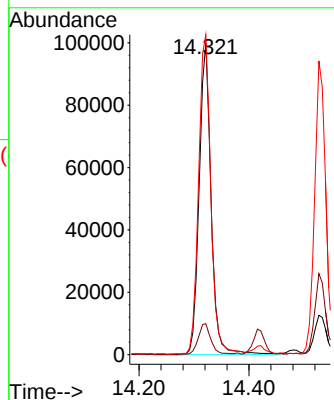
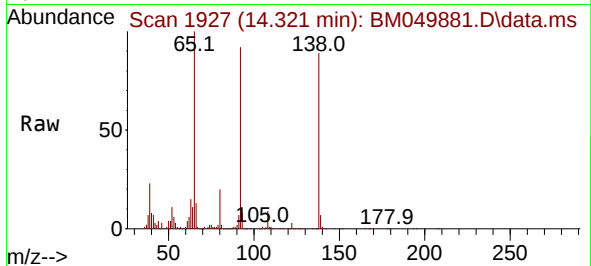




#53
3-Nitroaniline
Concen: 16.836 ng
RT: 14.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

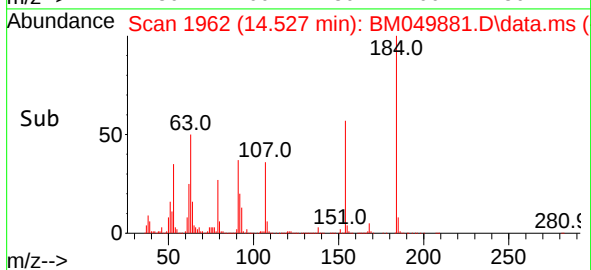
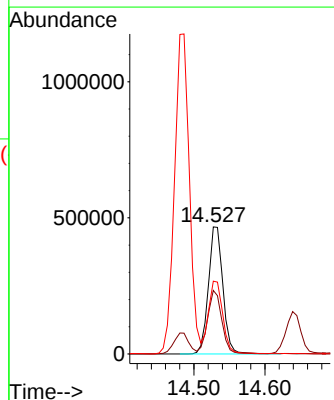
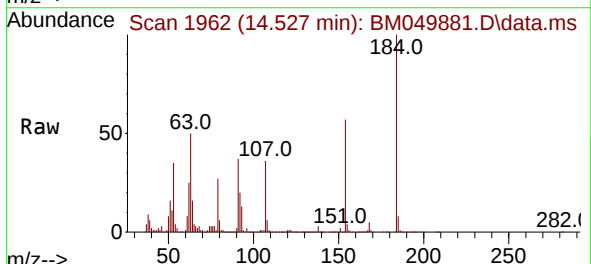
Instrument :
BNA_M
ClientSampleId :
WC-2MSD

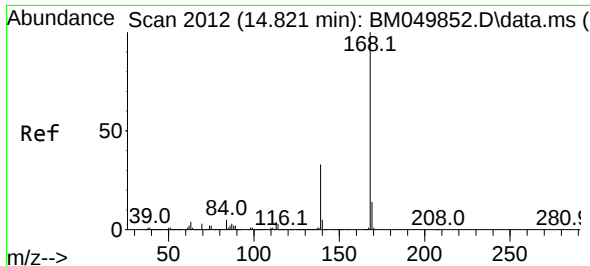
Tgt Ion:138 Resp: 150752
Ion Ratio Lower Upper
138 100
108 9.9 8.1 12.1
92 102.7 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 97.413 ng
RT: 14.527 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

Tgt Ion:184 Resp: 665164
Ion Ratio Lower Upper
184 100
63 50.0 38.4 57.6
154 57.4 48.1 72.1

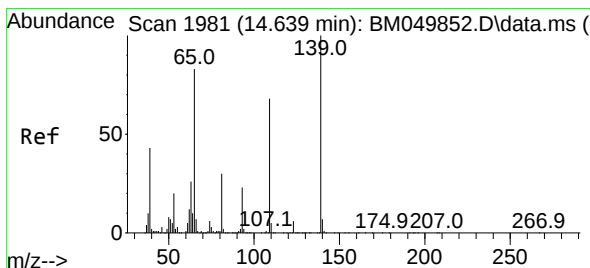
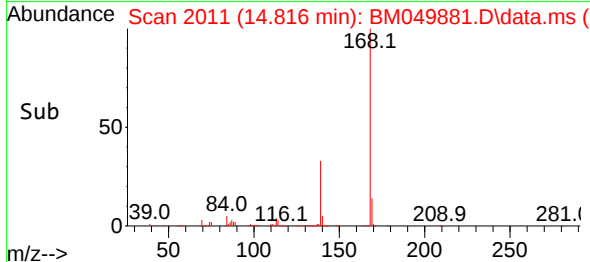
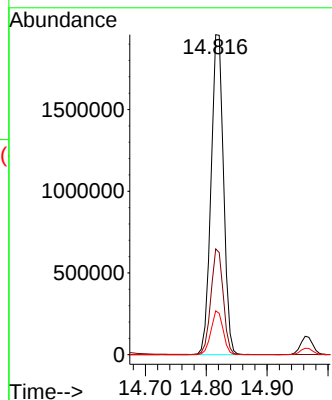
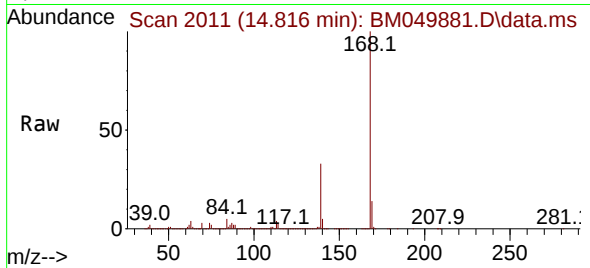




#55
Dibenzenofuran
Concen: 49.099 ng
RT: 14.816 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

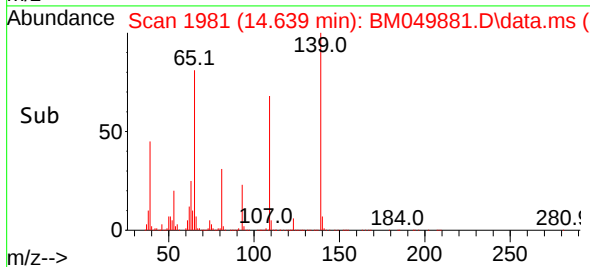
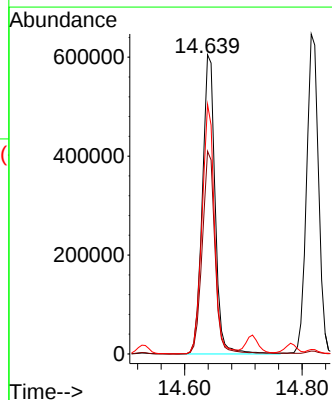
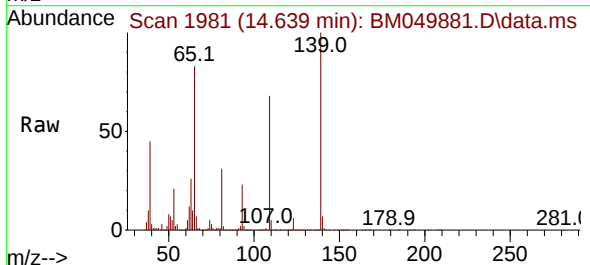
Instrument :
BNA_M
ClientSampleId :
WC-2MSD

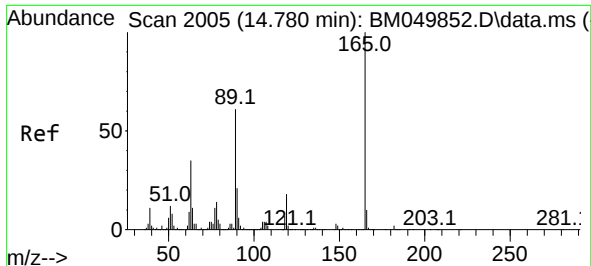
Tgt Ion:168 Resp: 2785150
Ion Ratio Lower Upper
168 100
139 33.0 26.6 39.8
169 13.7 11.0 16.4



#56
4-Nitrophenol
Concen: 114.851 ng
RT: 14.639 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

Tgt Ion:139 Resp: 916444
Ion Ratio Lower Upper
139 100
109 67.8 47.9 87.9
65 83.4 62.7 102.7

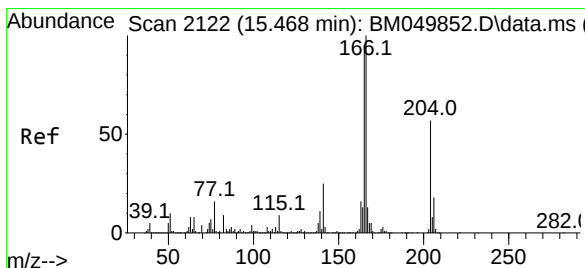
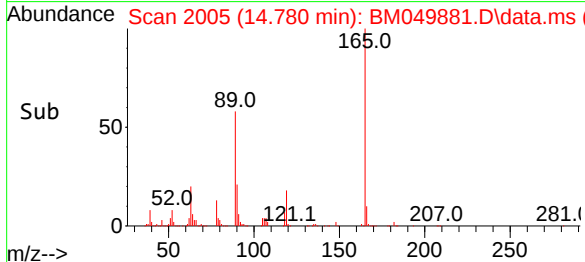
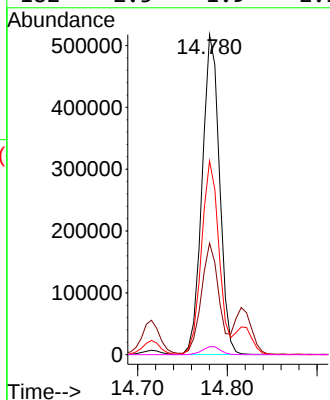
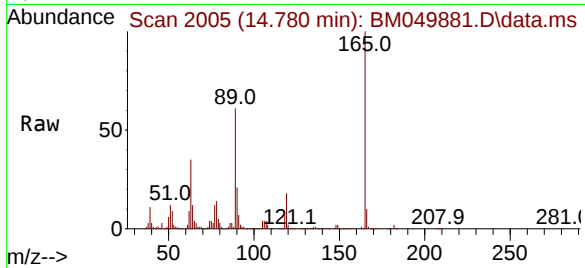




#57
2,4-Dinitrotoluene
Concen: 56.295 ng
RT: 14.780 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

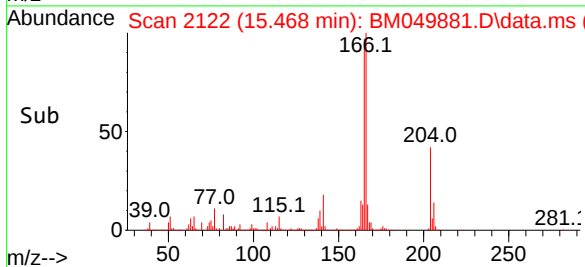
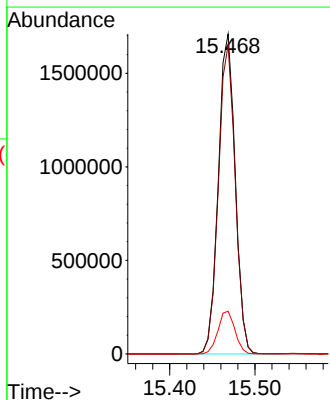
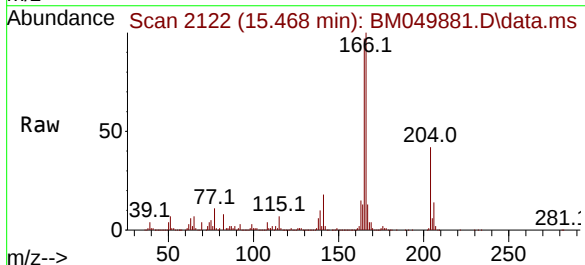
Instrument :
BNA_M
ClientSampleId :
WC-2MSD

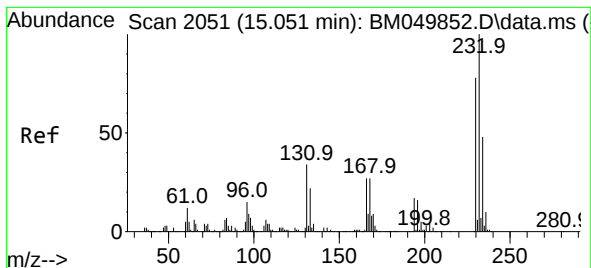
Tgt Ion:165 Resp: 695784
Ion Ratio Lower Upper
165 100
63 34.8 28.6 42.8
89 60.6 49.0 73.6
182 2.5 1.9 2.9



#58
Fluorene
Concen: 52.247 ng
RT: 15.468 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

Tgt Ion:166 Resp: 2355785
Ion Ratio Lower Upper
166 100
165 96.6 76.3 114.5
167 13.3 10.7 16.1

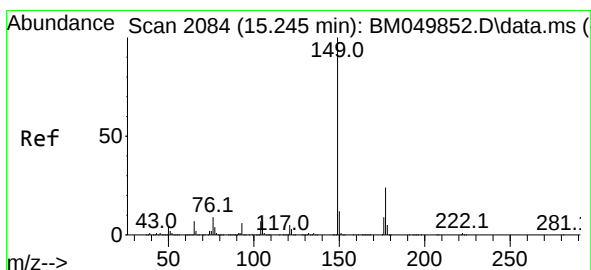
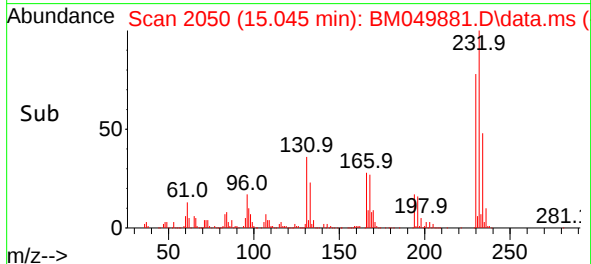
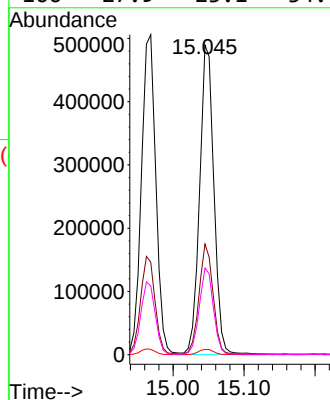
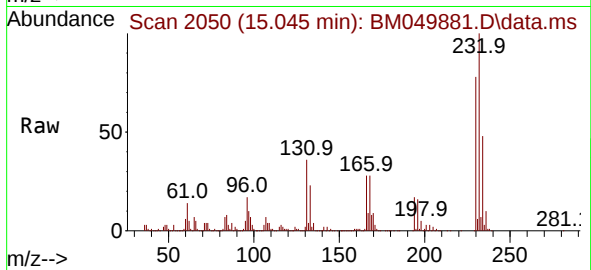




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.471 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

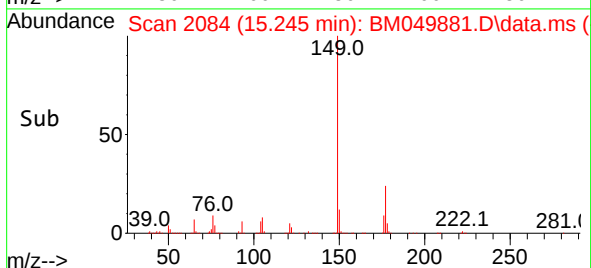
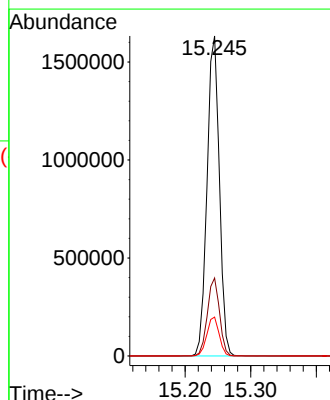
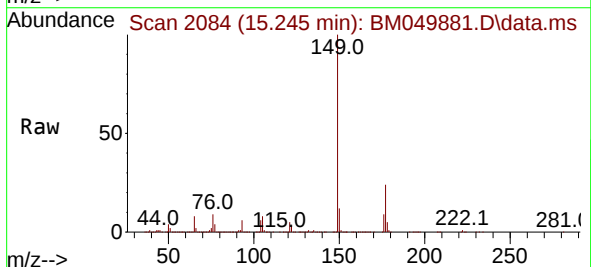
Instrument :
BNA_M
ClientSampleId :
WC-2MSD

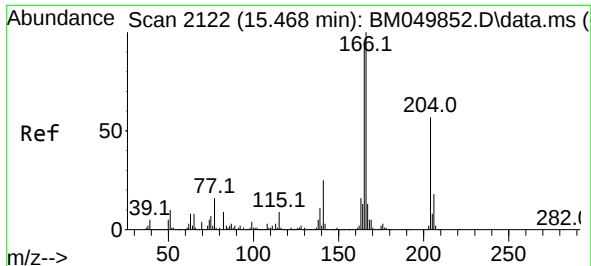
Tgt Ion:232 Resp: 684074
Ion Ratio Lower Upper
232 100
131 35.1 28.4 42.6
130 1.9 1.6 2.4
166 27.9 23.1 34.7



#60
Diethylphthalate
Concen: 50.230 ng
RT: 15.245 min Scan# 2084
Delta R.T. 0.000 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

Tgt Ion:149 Resp: 2130022
Ion Ratio Lower Upper
149 100
177 24.4 19.0 28.4
150 12.2 9.7 14.5

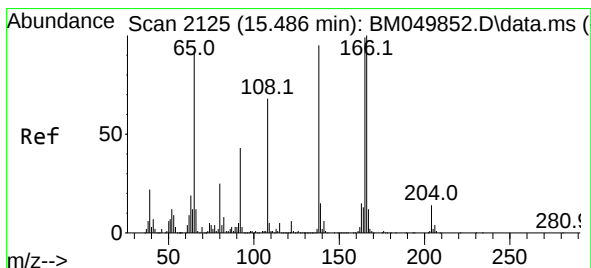
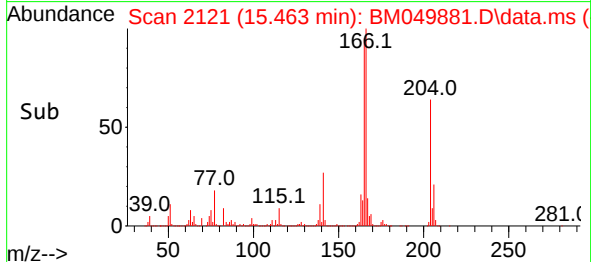
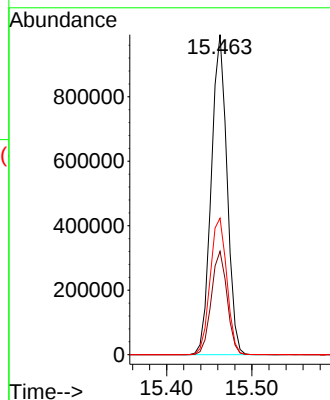
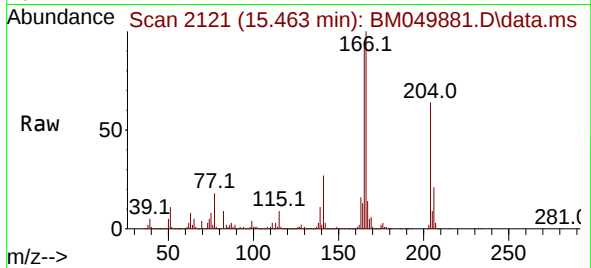




#61
4-Chlorophenyl-phenylether
Concen: 52.676 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

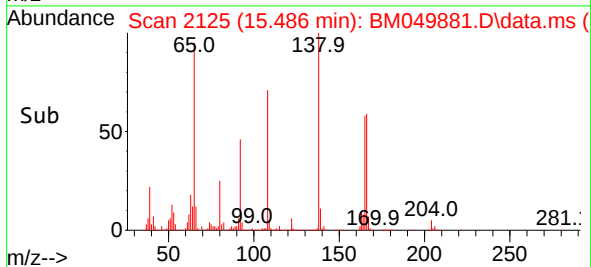
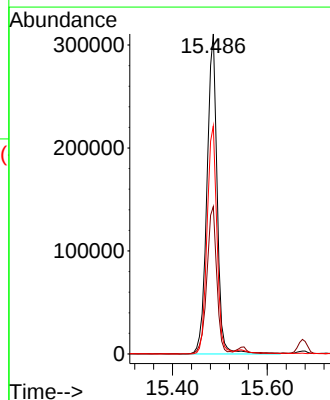
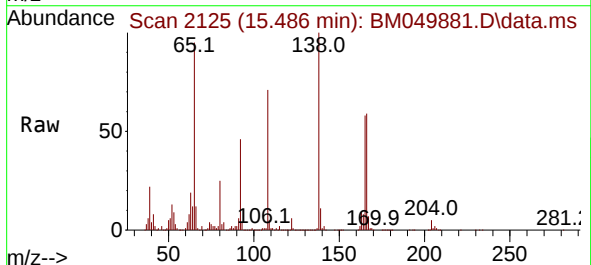
Instrument :
BNA_M
ClientSampleId :
WC-2MSD

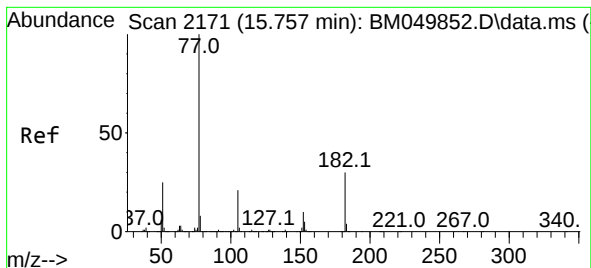
Tgt Ion:204 Resp: 1273384
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 42.6 35.0 52.6



#62
4-Nitroaniline
Concen: 50.239 ng
RT: 15.486 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

Tgt Ion:138 Resp: 465213
Ion Ratio Lower Upper
138 100
92 46.1 24.9 64.9
108 71.3 51.7 91.7





#63

Azobenzene

Concen: 55.129 ng

RT: 15.757 min Scan# 2171

Delta R.T. 0.000 min

Lab File: BM049881.D

Acq: 10 Apr 2025 12:52

Instrument :

BNA_M

ClientSampleId :

WC-2MSD

Tgt Ion: 77 Resp: 2001502

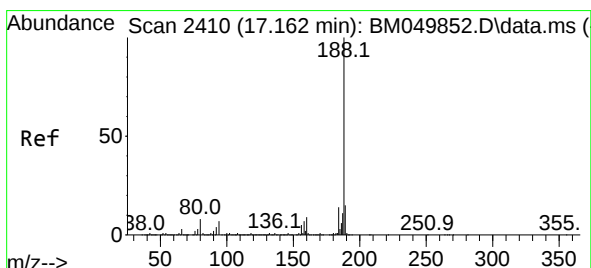
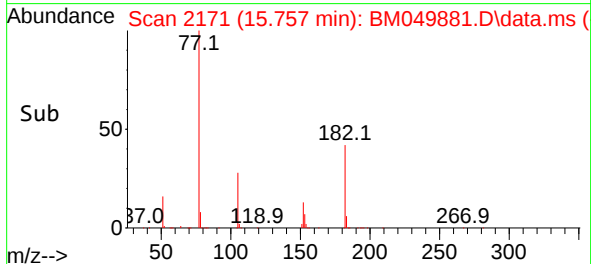
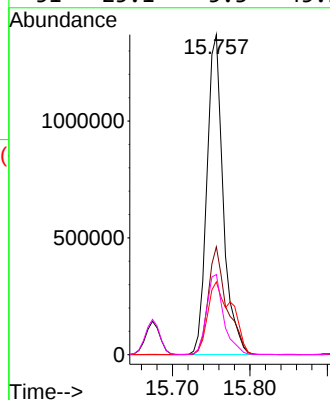
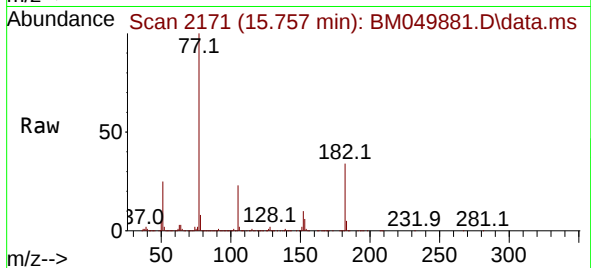
Ion Ratio Lower Upper

77 100

182 33.7 10.4 50.4

105 22.8 1.5 41.5

51 25.1 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: BM049881.D

Acq: 10 Apr 2025 12:52

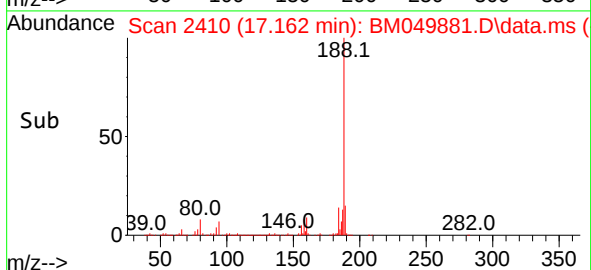
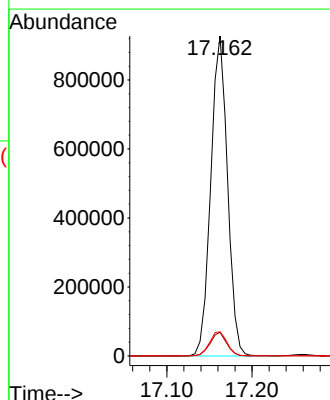
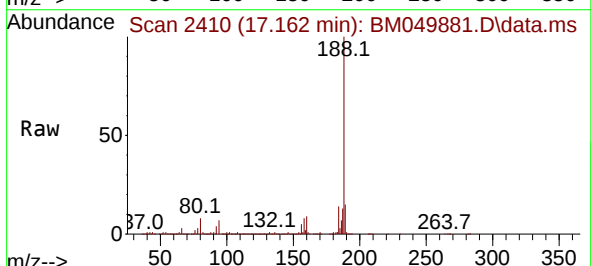
Tgt Ion:188 Resp: 1264616

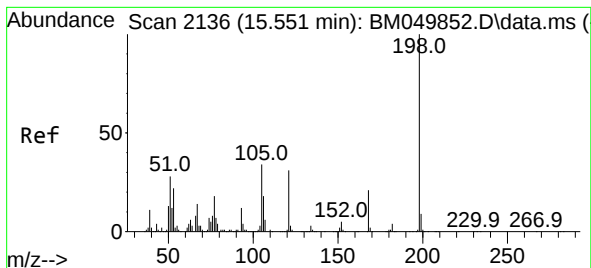
Ion Ratio Lower Upper

188 100

94 7.4 5.8 8.6

80 7.6 6.4 9.6

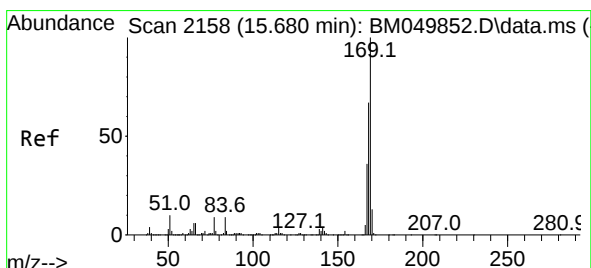
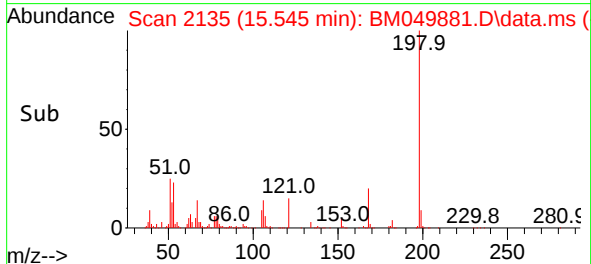
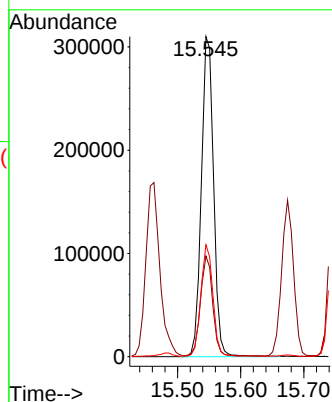
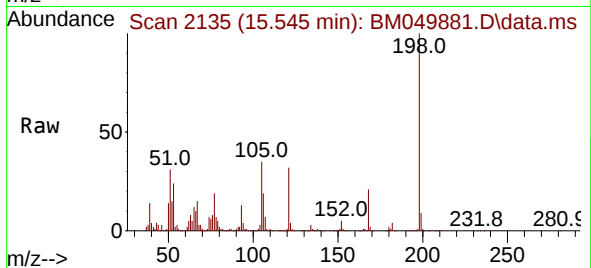




#65
4,6-Dinitro-2-methylphenol
Concen: 52.294 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

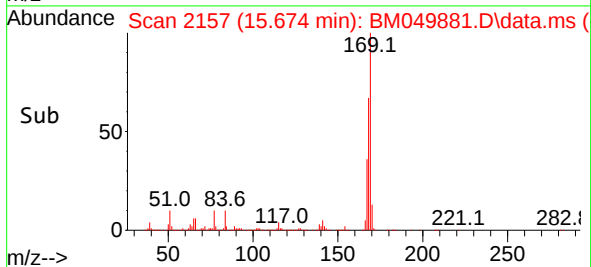
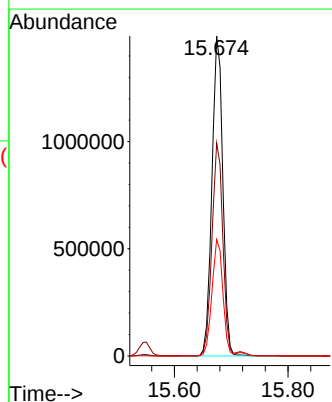
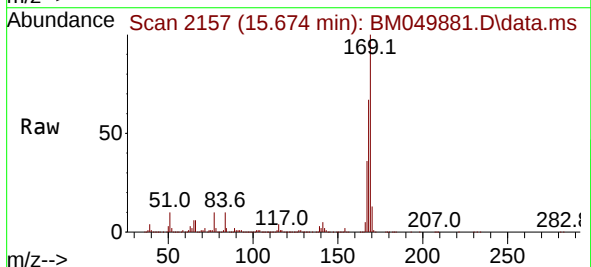
Instrument :
BNA_M
ClientSampleId :
WC-2MSD

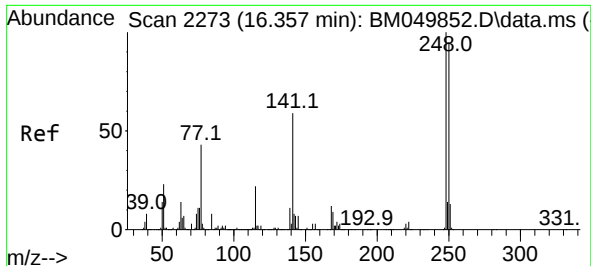
Tgt Ion:198 Resp: 416735
Ion Ratio Lower Upper
198 100
51 31.4 9.6 49.6
105 35.0 14.7 54.7



#66
n-Nitrosodiphenylamine
Concen: 52.081 ng
RT: 15.674 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

Tgt Ion:169 Resp: 1971029
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.2
167 36.4 29.0 43.6

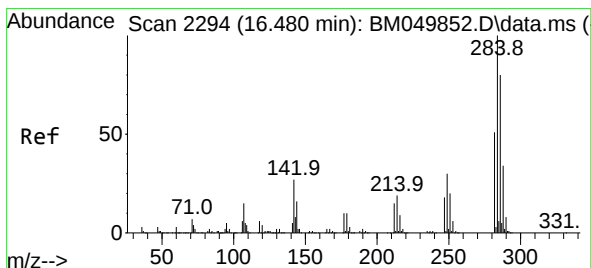
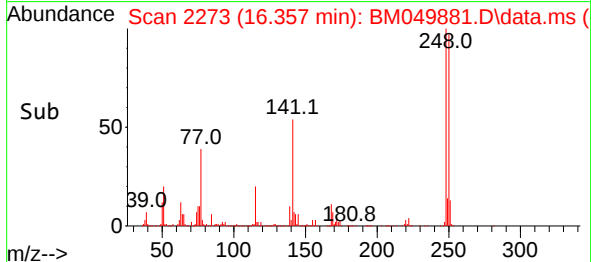
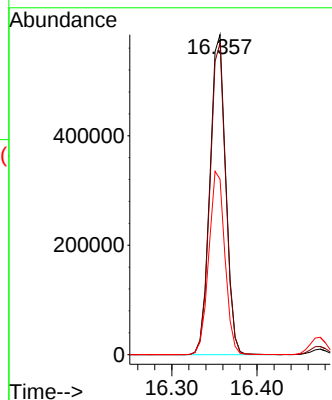
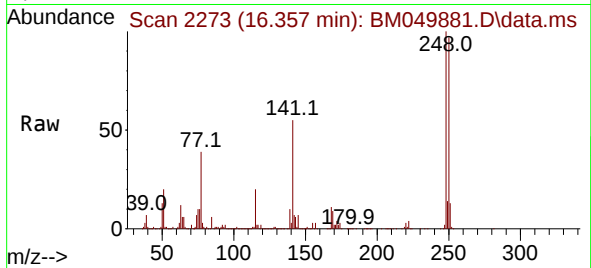




#67
4-Bromophenyl-phenylether
Concen: 51.511 ng
RT: 16.357 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

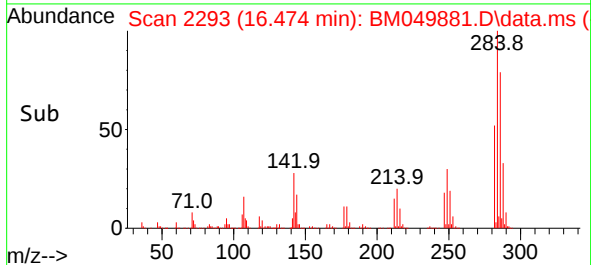
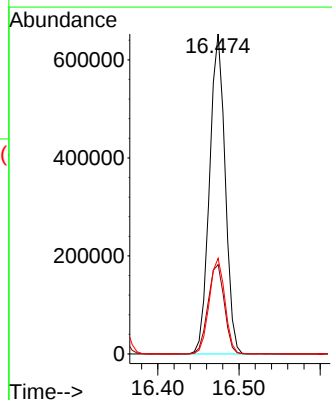
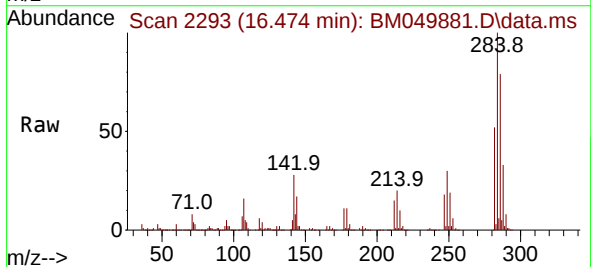
Instrument :
BNA_M
ClientSampleId :
WC-2MSD

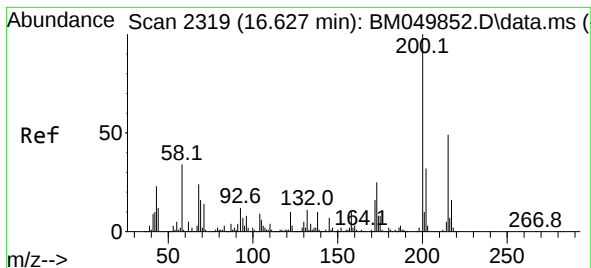
Tgt Ion:248 Resp: 756218
Ion Ratio Lower Upper
248 100
250 97.4 76.2 114.2
141 54.9 47.3 70.9



#68
Hexachlorobenzene
Concen: 51.651 ng
RT: 16.474 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

Tgt Ion:284 Resp: 869759
Ion Ratio Lower Upper
284 100
142 28.0 21.2 31.8
249 29.9 24.1 36.1





#69

Atrazine

Concen: 74.850 ng

RT: 16.627 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049881.D

Acq: 10 Apr 2025 12:52

Instrument :

BNA_M

ClientSampleId :

WC-2MSD

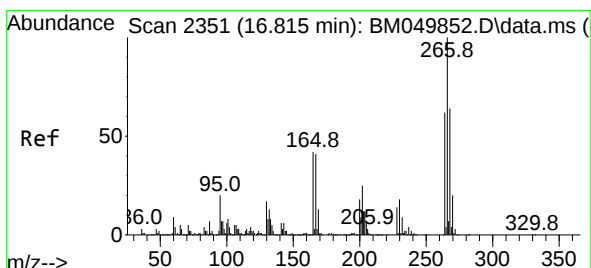
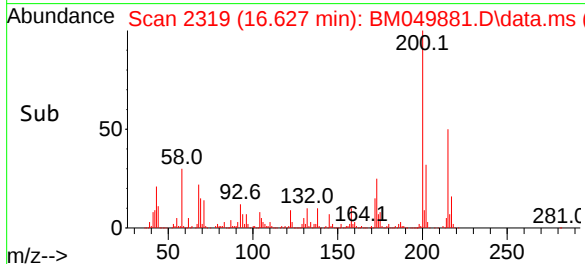
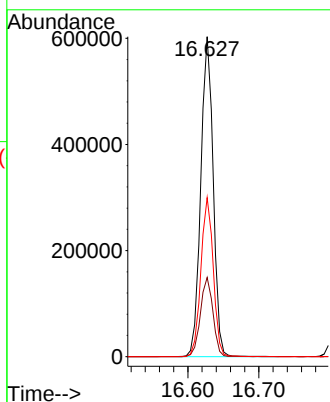
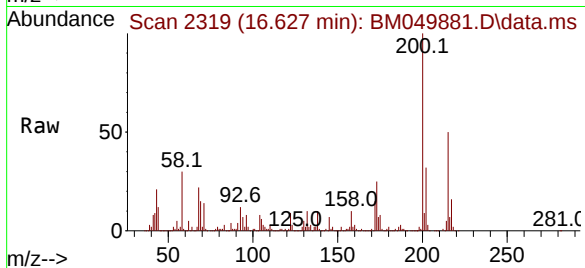
Tgt Ion:200 Resp: 734468

Ion Ratio Lower Upper

200 100

173 24.7 5.4 45.4

215 49.7 29.0 69.0



#70

Pentachlorophenol

Concen: 103.252 ng

RT: 16.815 min Scan# 2351

Delta R.T. -0.000 min

Lab File: BM049881.D

Acq: 10 Apr 2025 12:52

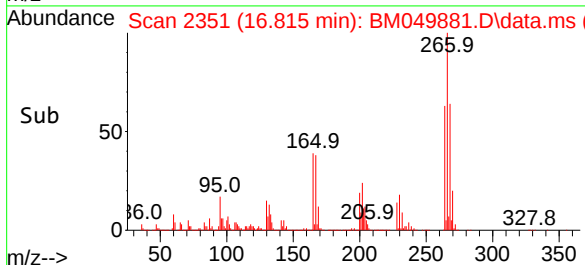
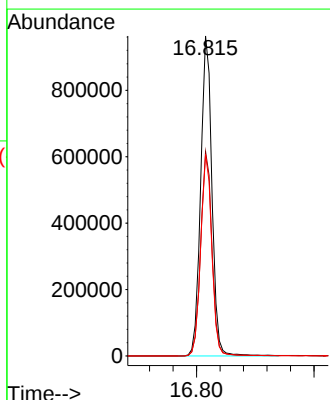
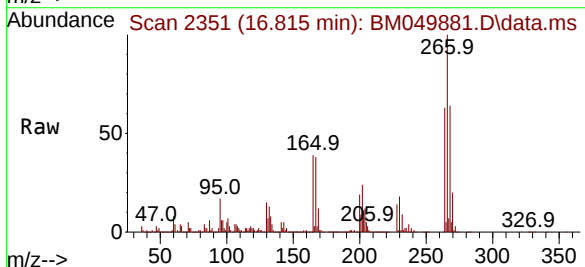
Tgt Ion:266 Resp: 1280050

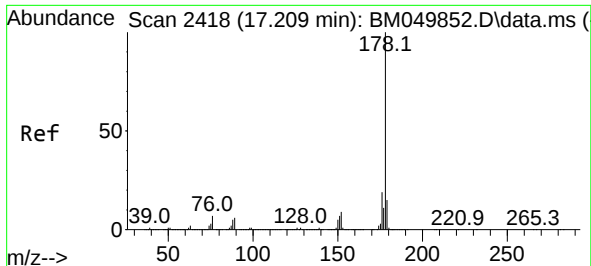
Ion Ratio Lower Upper

266 100

268 63.9 51.4 77.2

264 63.0 49.8 74.8

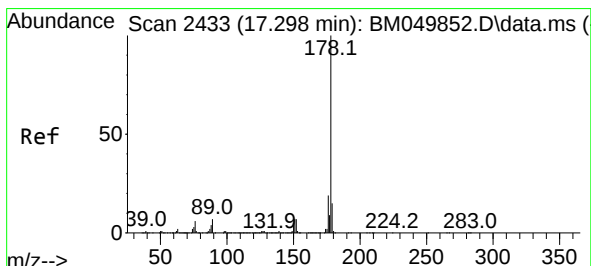
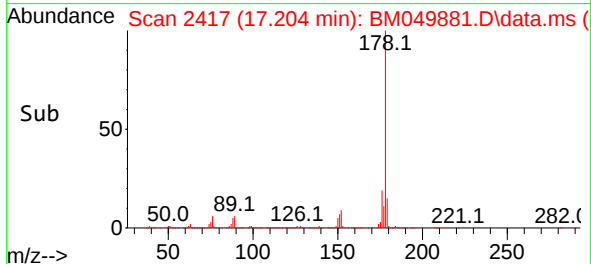
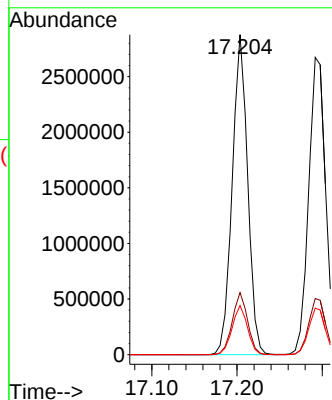
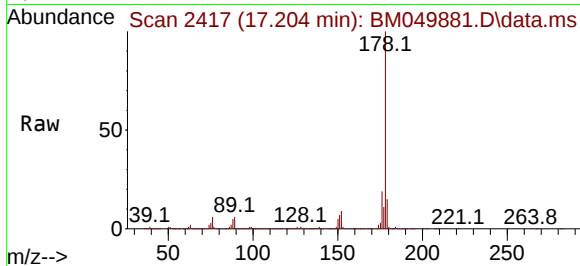




#71
Phenanthrene
Concen: 52.180 ng
RT: 17.204 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

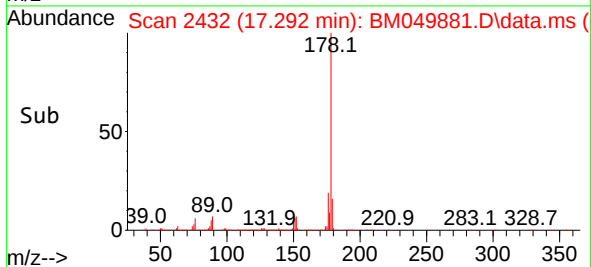
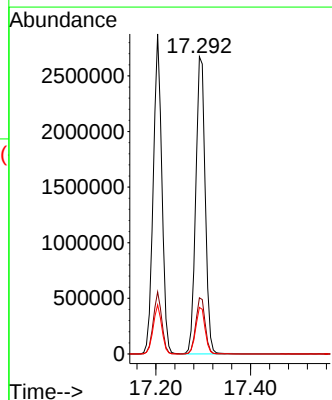
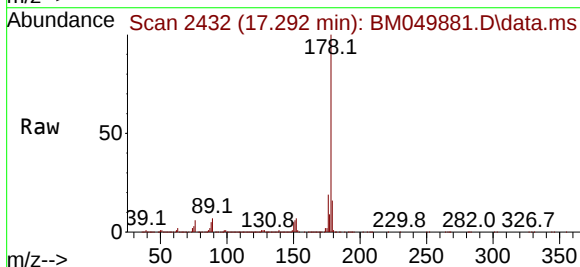
Instrument :
BNA_M
ClientSampleId :
WC-2MSD

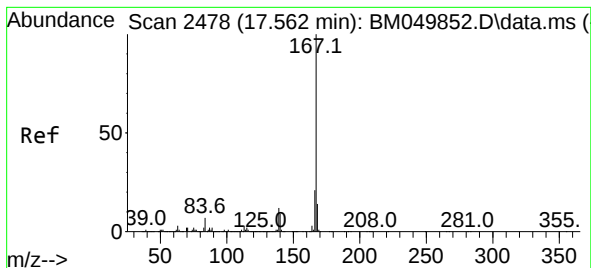
Tgt Ion:178 Resp: 3617708
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.4 12.3 18.5



#72
Anthracene
Concen: 54.049 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

Tgt Ion:178 Resp: 3692888
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.7 12.4 18.6





#73

Carbazole

Concen: 52.443 ng

RT: 17.562 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM049881.D

Acq: 10 Apr 2025 12:52

Instrument :

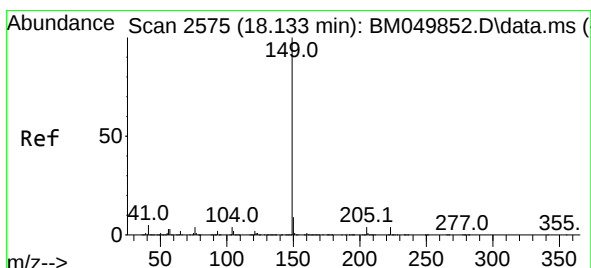
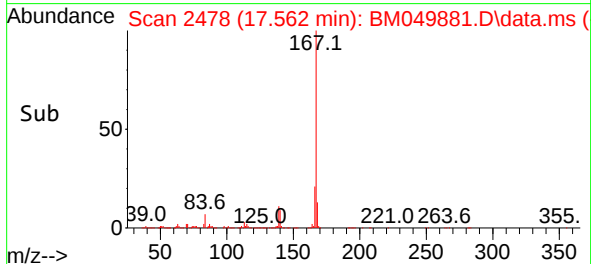
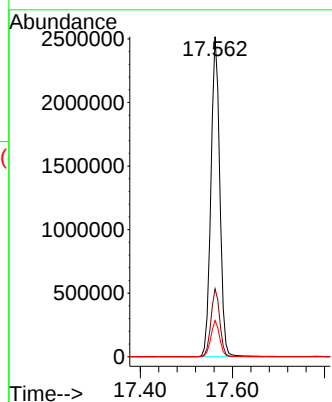
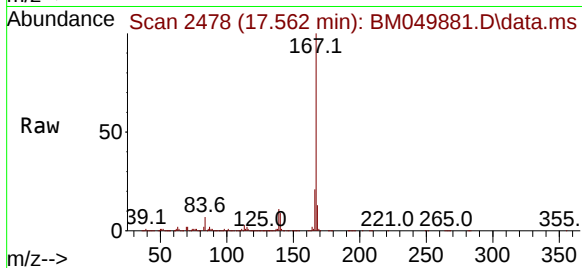
BNA_M

ClientSampleId :

WC-2MSD

Tgt Ion:167 Resp: 3374874

Ion	Ratio	Lower	Upper
167	100		
166	21.2	16.9	25.3
139	11.3	9.3	13.9



#74

Di-n-butylphthalate

Concen: 50.446 ng

RT: 18.127 min Scan# 2574

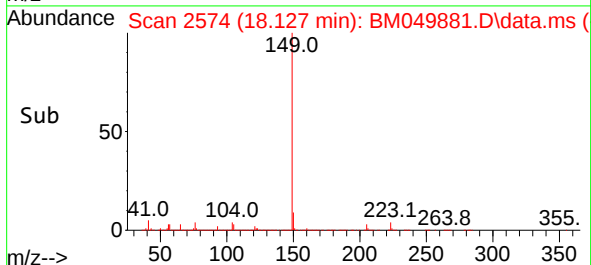
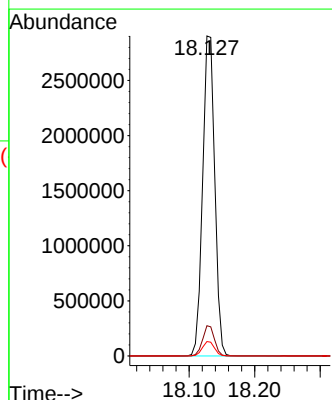
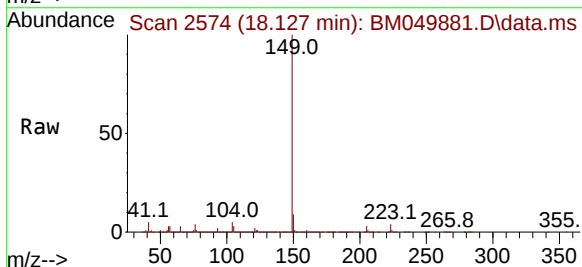
Delta R.T. -0.006 min

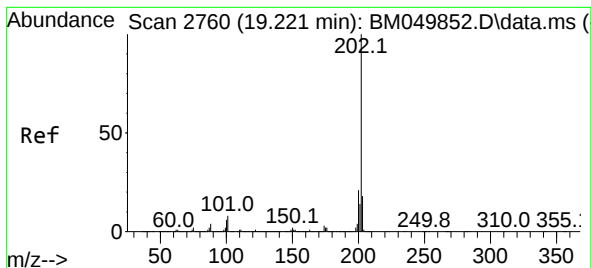
Lab File: BM049881.D

Acq: 10 Apr 2025 12:52

Tgt Ion:149 Resp: 3739209

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	4.5	3.5	5.3





#75

Fluoranthene

Concen: 51.283 ng

RT: 19.221 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049881.D

Acq: 10 Apr 2025 12:52

Instrument :

BNA_M

ClientSampleId :

WC-2MSD

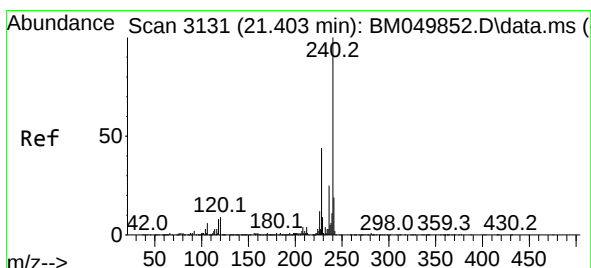
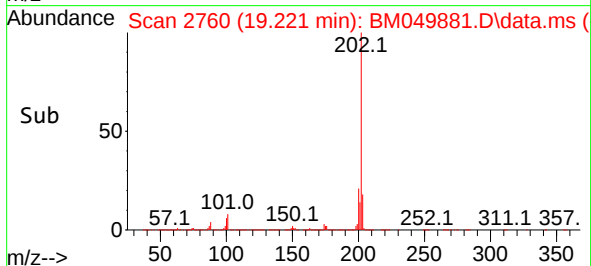
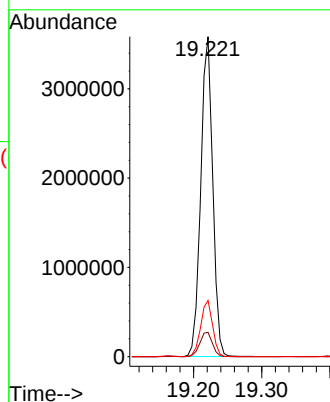
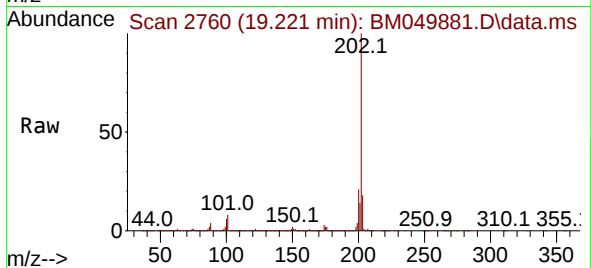
Tgt Ion:202 Resp: 4371639

Ion Ratio Lower Upper

202 100

101 7.6 0.0 28.4

203 17.6 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: BM049881.D

Acq: 10 Apr 2025 12:52

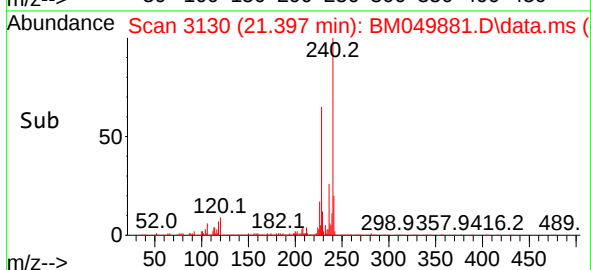
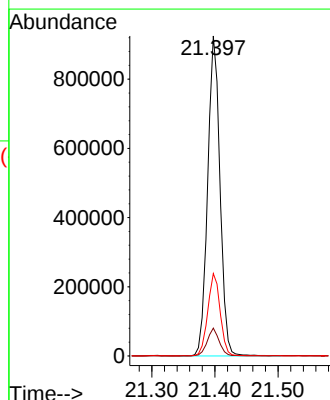
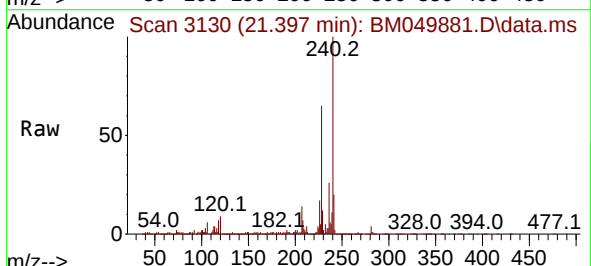
Tgt Ion:240 Resp: 1257038

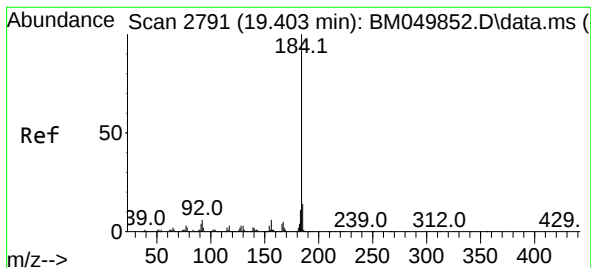
Ion Ratio Lower Upper

240 100

120 8.7 6.9 10.3

236 25.8 20.4 30.6





#77

Benzidine

Concen: 107.641 ng

RT: 19.403 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM049881.D

Acq: 10 Apr 2025 12:52

Instrument :

BNA_M

ClientSampleId :

WC-2MSD

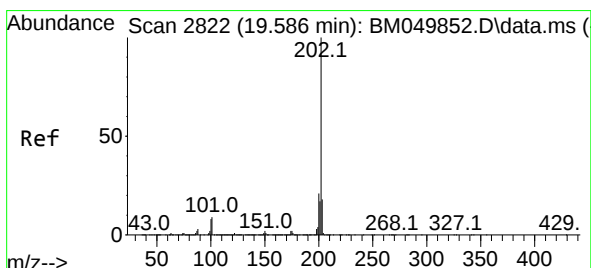
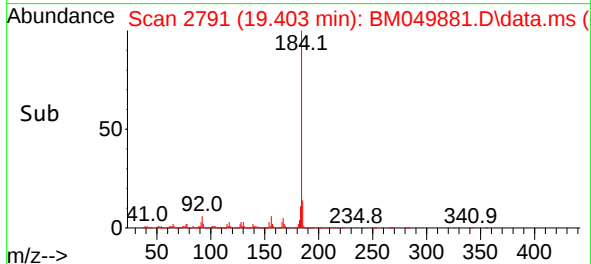
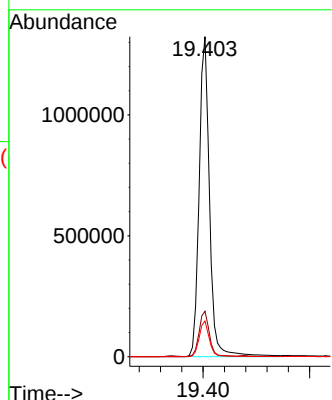
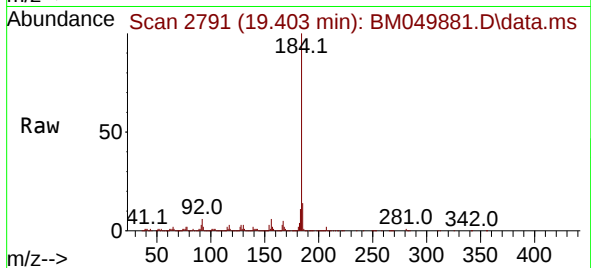
Tgt Ion:184 Resp: 1795060

Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.2

183 11.2 8.8 13.2



#78

Pyrene

Concen: 52.241 ng

RT: 19.580 min Scan# 2821

Delta R.T. -0.006 min

Lab File: BM049881.D

Acq: 10 Apr 2025 12:52

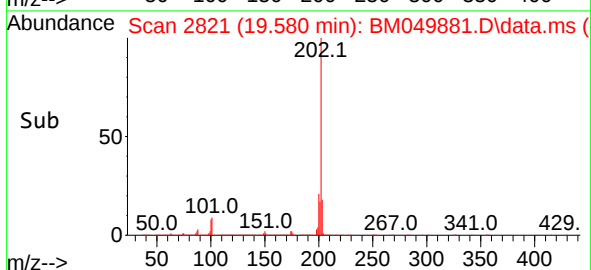
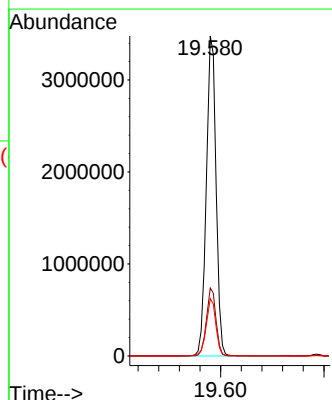
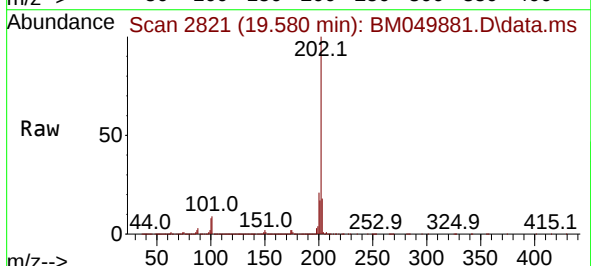
Tgt Ion:202 Resp: 4525763

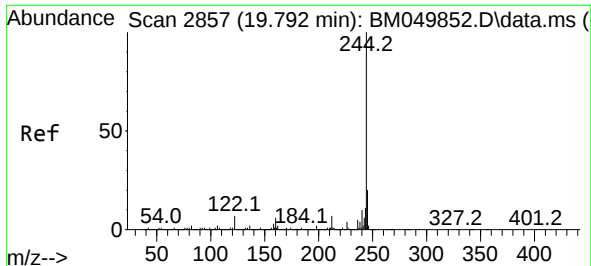
Ion Ratio Lower Upper

202 100

200 21.2 16.5 24.7

203 17.9 14.0 21.0

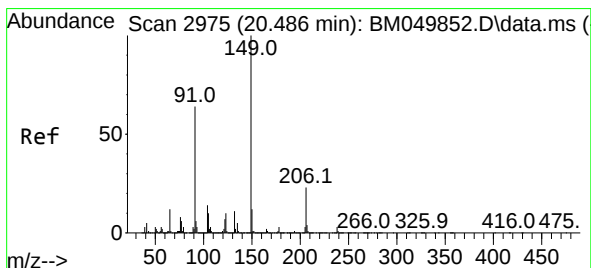
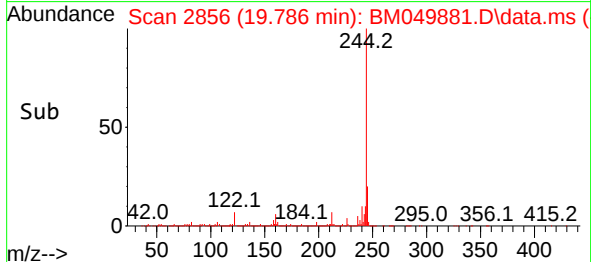
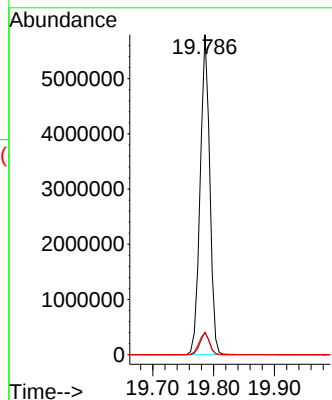
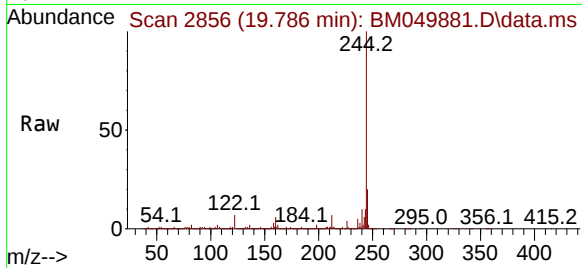




#79
 Terphenyl-d14
 Concen: 94.441 ng
 RT: 19.786 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM049881.D
 Acq: 10 Apr 2025 12:52

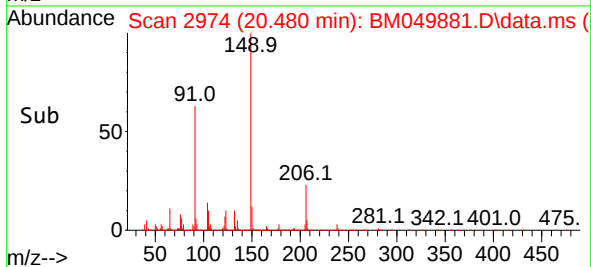
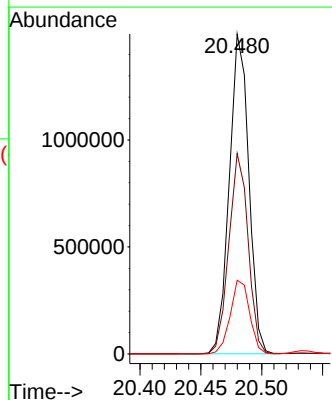
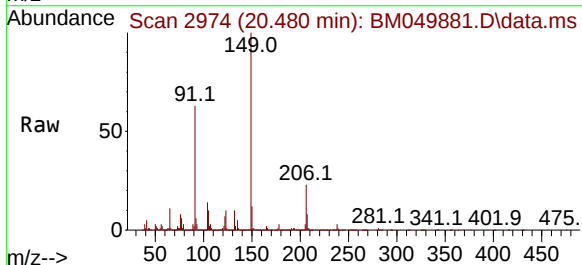
Instrument :
 BNA_M
 ClientSampleId :
 WC-2MSD

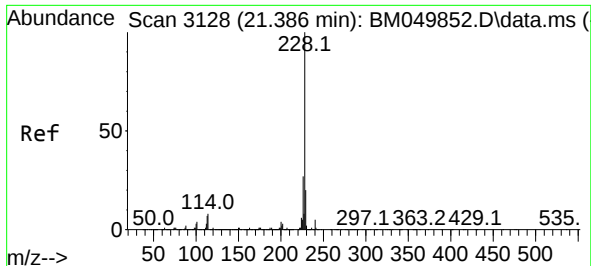
Tgt Ion:244 Resp: 6334722
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 6.9 5.4 8.0



#80
 Butylbenzylphthalate
 Concen: 51.011 ng
 RT: 20.480 min Scan# 2974
 Delta R.T. -0.006 min
 Lab File: BM049881.D
 Acq: 10 Apr 2025 12:52

Tgt Ion:149 Resp: 1660532
 Ion Ratio Lower Upper
 149 100
 91 62.6 50.9 76.3
 206 23.0 18.4 27.6

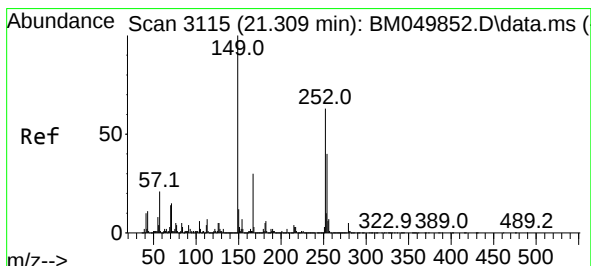
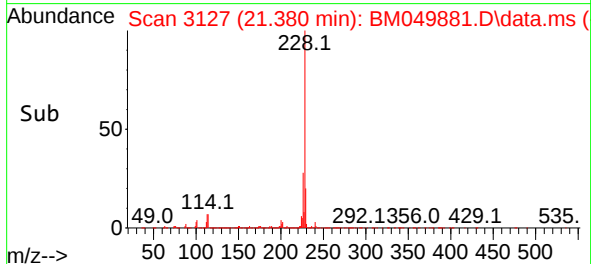
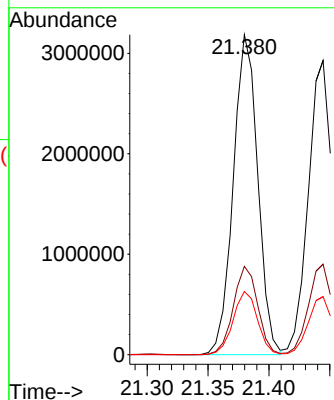
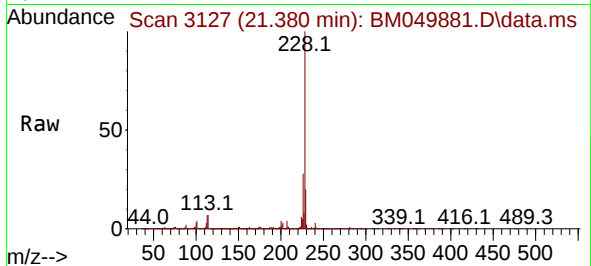




#81
Benzo(a)anthracene
Concen: 53.336 ng
RT: 21.380 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

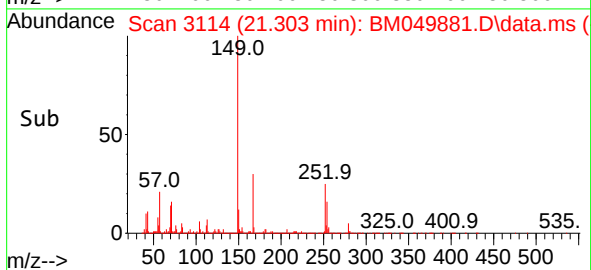
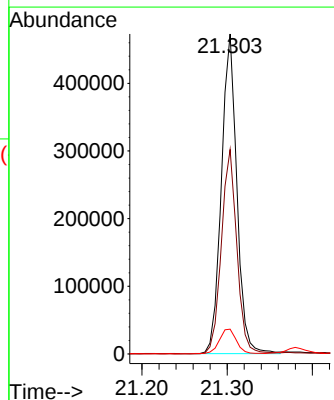
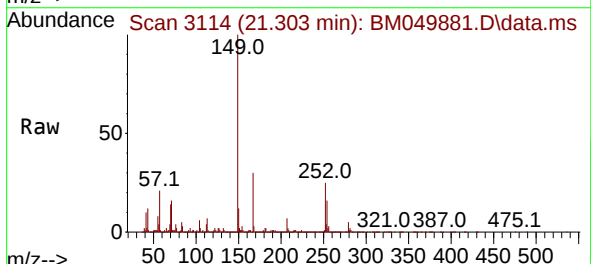
Instrument :
BNA_M
ClientSampleId :
WC-2MSD

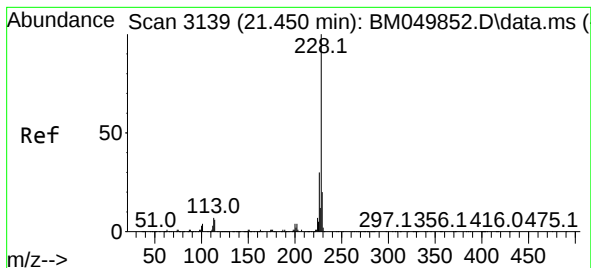
Tgt Ion:228 Resp: 4455812
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.8
229 19.8 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 18.908 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

Tgt Ion:252 Resp: 596539
Ion Ratio Lower Upper
252 100
254 63.9 51.5 77.3
126 7.7 6.3 9.5





#83

Chrysene

Concen: 51.607 ng

RT: 21.444 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM049881.D

Acq: 10 Apr 2025 12:52

Instrument :

BNA_M

ClientSampleId :

WC-2MSD

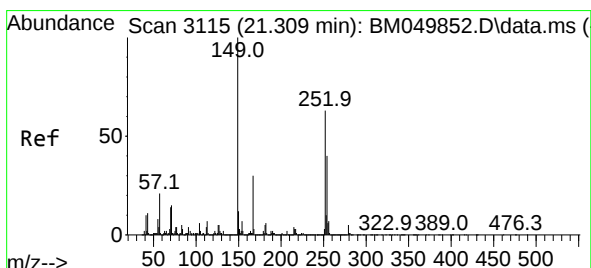
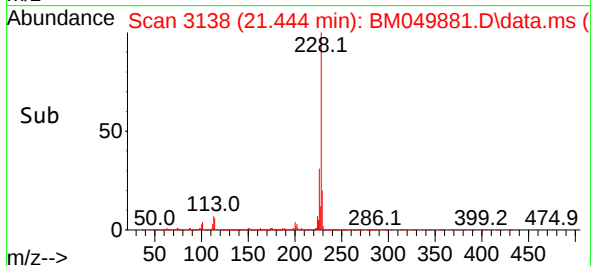
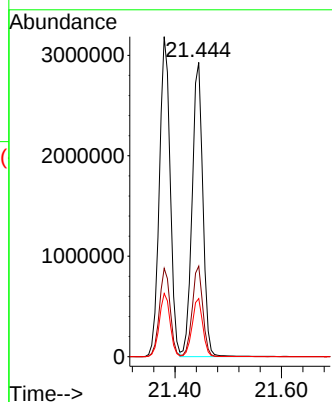
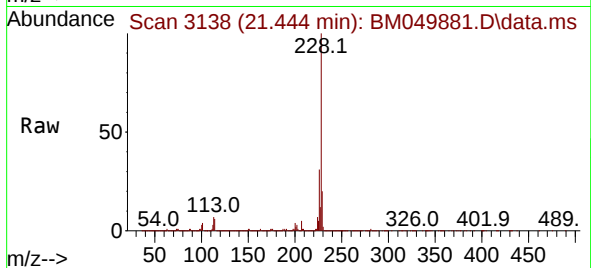
Tgt Ion:228 Resp: 4098823

Ion Ratio Lower Upper

228 100

226 30.7 24.1 36.1

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.465 ng

RT: 21.303 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM049881.D

Acq: 10 Apr 2025 12:52

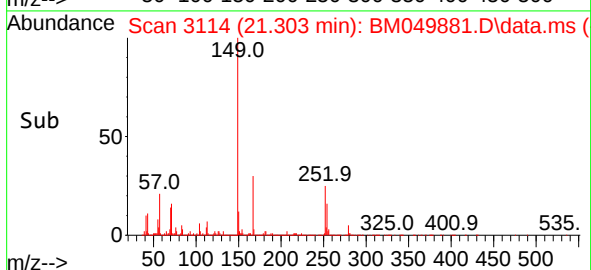
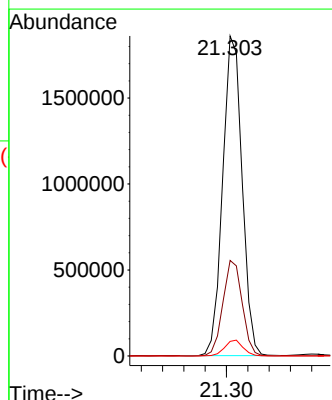
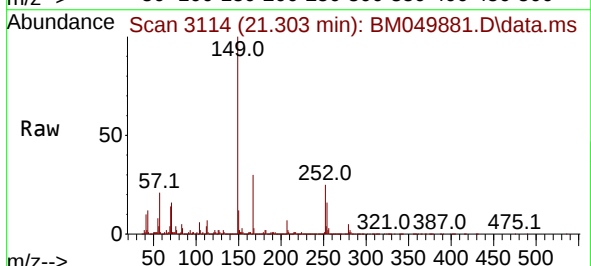
Tgt Ion:149 Resp: 2346018

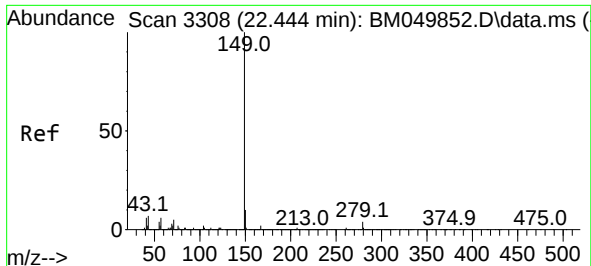
Ion Ratio Lower Upper

149 100

167 29.8 23.8 35.6

279 4.6 3.8 5.8

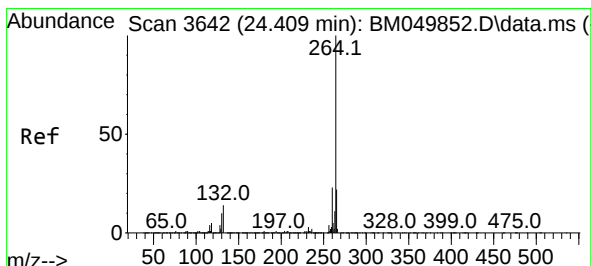
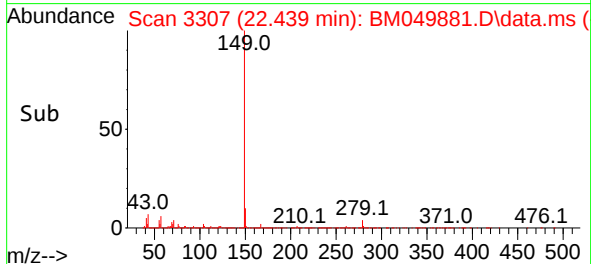
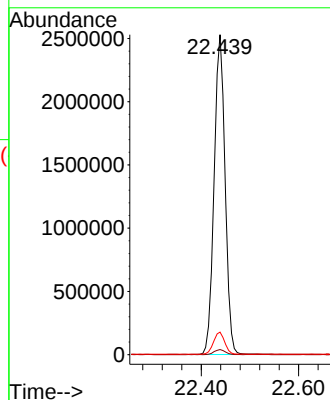
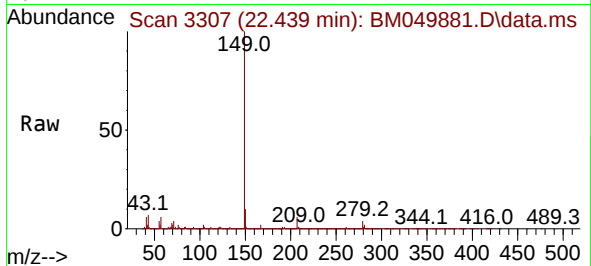




#85
Di-n-octyl phthalate
Concen: 47.432 ng
RT: 22.439 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

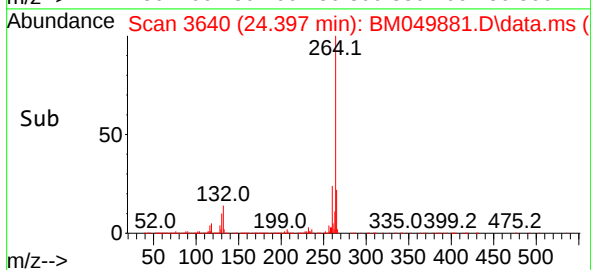
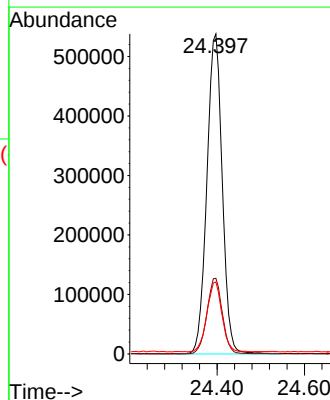
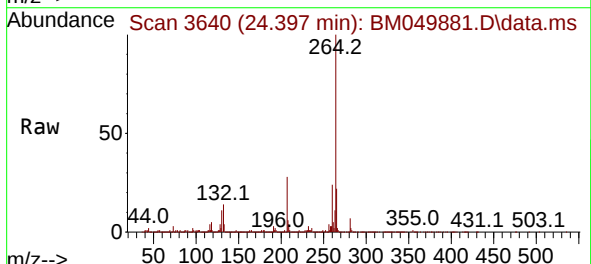
Instrument :
BNA_M
ClientSampleId :
WC-2MSD

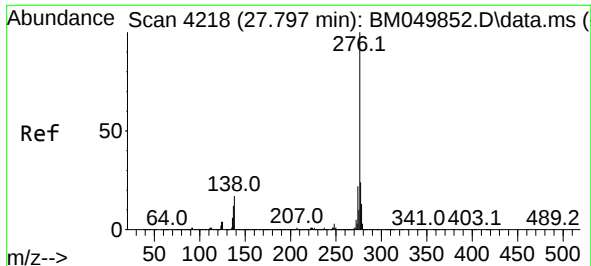
Tgt Ion:149 Resp: 3935512
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.0 5.8 8.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.012 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

Tgt Ion:264 Resp: 1319186
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 22.5 17.8 26.8

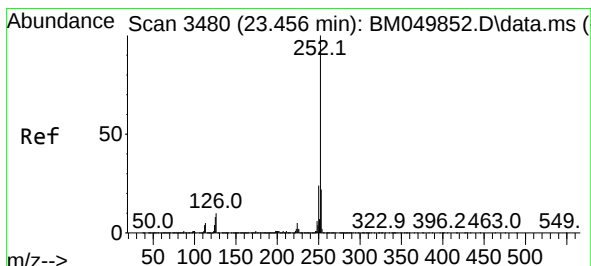
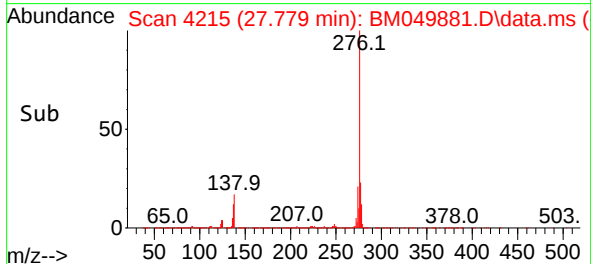
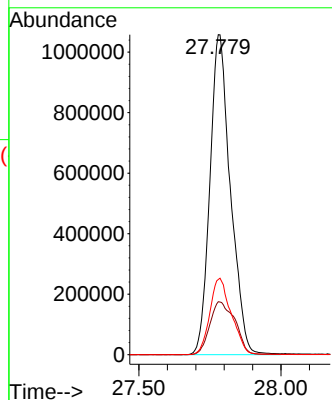
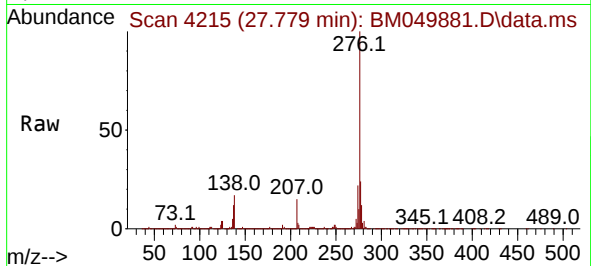




#87
Indeno(1,2,3-cd)pyrene
Concen: 54.137 ng
RT: 27.779 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

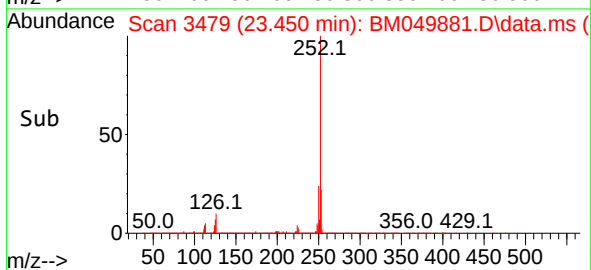
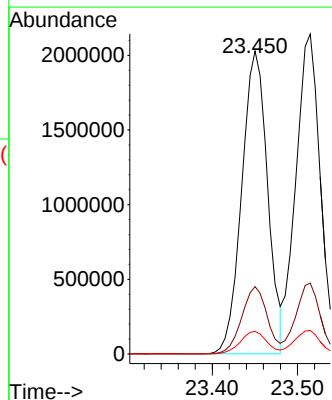
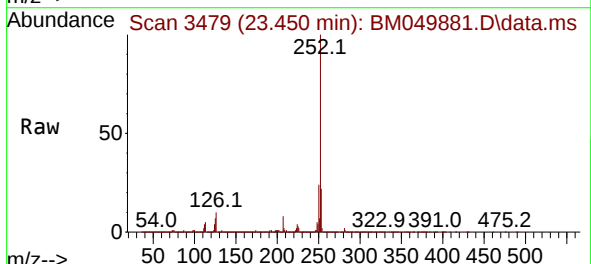
Instrument :
BNA_M
ClientSampleId :
WC-2MSD

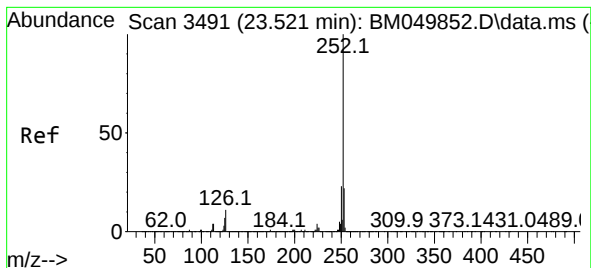
Tgt Ion:276 Resp: 5323495
Ion Ratio Lower Upper
276 100
138 20.2 16.8 25.2
277 25.1 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 50.709 ng
RT: 23.450 min Scan# 3479
Delta R.T. -0.006 min
Lab File: BM049881.D
Acq: 10 Apr 2025 12:52

Tgt Ion:252 Resp: 4272300
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 7.4 6.2 9.4





#89

Benzo(k)fluoranthene

Concen: 52.540 ng

RT: 23.515 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM049881.D

Acq: 10 Apr 2025 12:52

Instrument :

BNA_M

ClientSampleId :

WC-2MSD

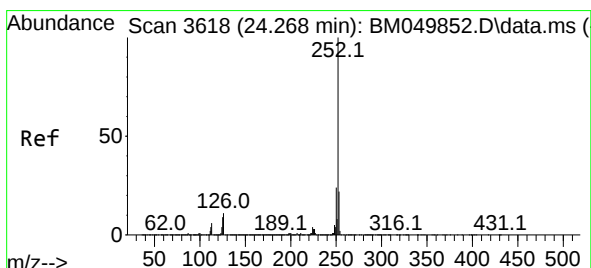
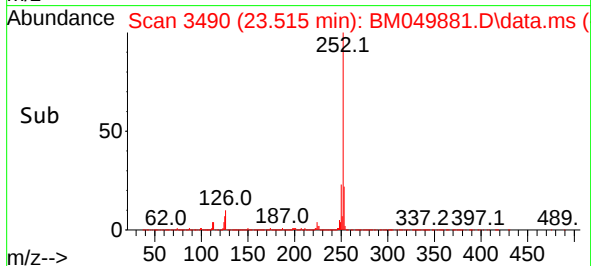
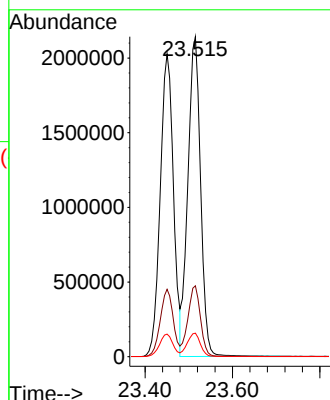
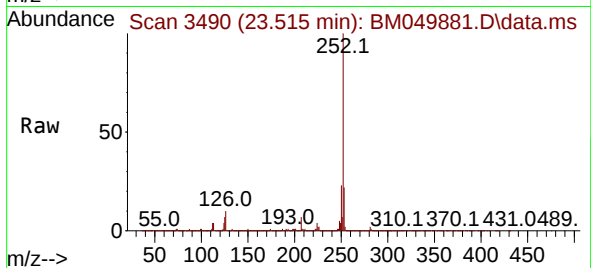
Tgt Ion:252 Resp: 4289681

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 7.3 5.8 8.8



#90

Benzo(a)pyrene

Concen: 54.646 ng

RT: 24.256 min Scan# 3616

Delta R.T. -0.012 min

Lab File: BM049881.D

Acq: 10 Apr 2025 12:52

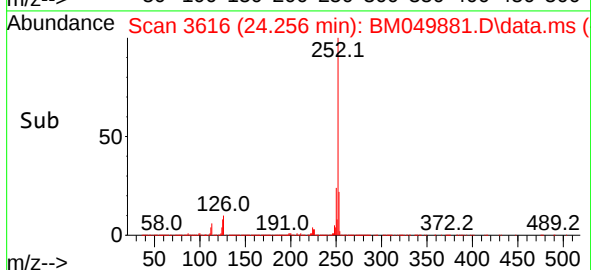
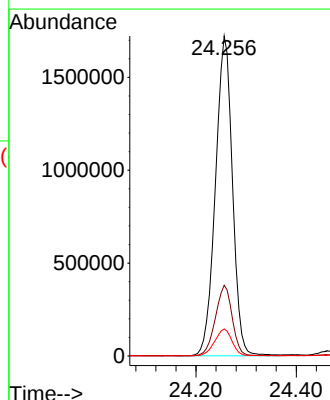
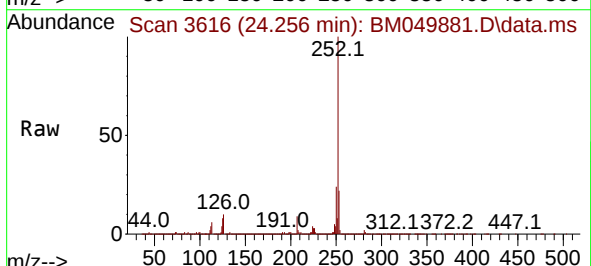
Tgt Ion:252 Resp: 4045693

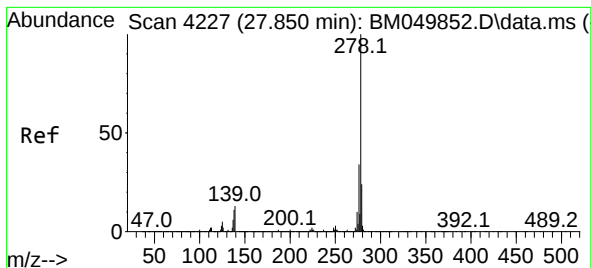
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 8.5 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 53.479 ng

RT: 27.832 min Scan# 431

Delta R.T. -0.018 min

Lab File: BM049881.D

Acq: 10 Apr 2025 12:52

Instrument :

BNA_M

ClientSampleId :

WC-2MSD

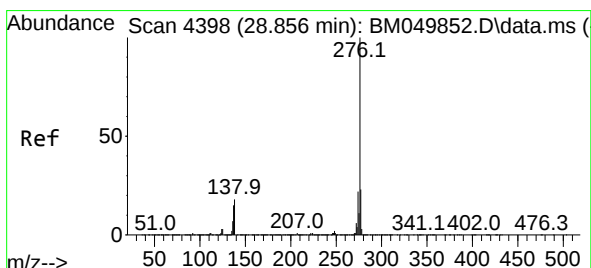
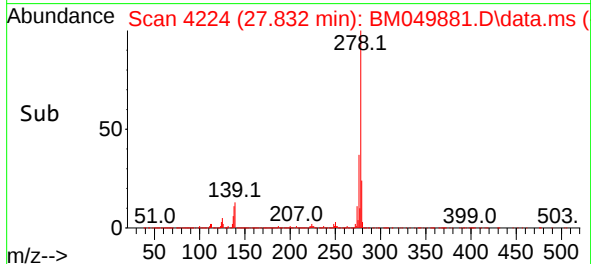
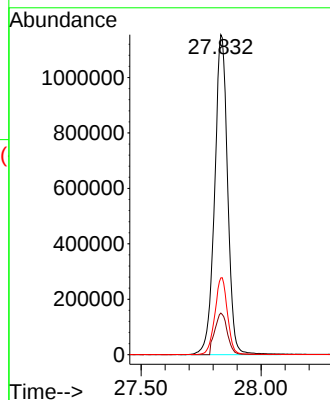
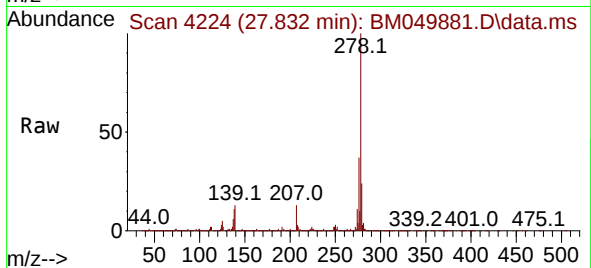
Tgt Ion:278 Resp: 4331580

Ion Ratio Lower Upper

278 100

139 13.0 10.6 15.8

279 24.0 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 51.236 ng

RT: 28.838 min Scan# 4395

Delta R.T. -0.018 min

Lab File: BM049881.D

Acq: 10 Apr 2025 12:52

Tgt Ion:276 Resp: 4240662

Ion Ratio Lower Upper

276 100

277 24.1 18.7 28.1

138 17.9 14.6 21.8

