

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
 Data File : BM050147.D
 Acq On : 08 May 2025 15:21
 Operator : RC/JU
 Sample : Q1964-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MH-LLMSD

Quant Time: May 08 15:55:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 08 12:03:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	253439	20.000	ng	0.00
21) Naphthalene-d8	10.533	136	884473	20.000	ng	0.00
39) Acenaphthene-d10	14.386	164	556753	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	1069463	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1112266	20.000	ng	0.00
86) Perylene-d12	24.380	264	1161580	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1484585	102.574	ng	0.00
7) Phenol-d6	6.934	99	1847635	101.568	ng	0.00
23) Nitrobenzene-d5	8.904	82	1086064	60.508	ng	0.00
42) 2,4,6-Tribromophenol	15.886	330	821030	99.732	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	2514924	53.437	ng	0.00
79) Terphenyl-d14	19.768	244	3600484	47.900	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.228	88	230959	37.217	ng	97
3) Pyridine	3.634	79	631083	39.580	ng	99
4) n-Nitrosodimethylamine	3.540	42	258544	41.343	ng	99
6) Aniline	7.069	93	484984	21.113	ng	99
8) 2-Chlorophenol	7.316	128	666662	42.601	ng	99
9) Benzaldehyde	6.887	77	281630	23.135	ng	98
10) Phenol	6.957	94	797888	43.327	ng	98
11) bis(2-Chloroethyl)ether	7.163	93	625782	40.695	ng	99
12) 1,3-Dichlorobenzene	7.628	146	768371	40.647	ng	99
13) 1,4-Dichlorobenzene	7.775	146	773451	40.728	ng	99
14) 1,2-Dichlorobenzene	8.092	146	747198	40.732	ng	98
15) Benzyl Alcohol	7.992	79	532761	42.231	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.263	45	752772	40.272	ng	99
17) 2-Methylphenol	8.204	107	511655	42.175	ng	99
18) Hexachloroethane	8.810	117	273774	40.554	ng	98
19) n-Nitroso-di-n-propyla...	8.551	70	460973	39.511	ng	100
20) 3+4-Methylphenols	8.534	107	682817	41.678	ng	97
22) Acetophenone	8.569	105	912791	41.510	ng	# 98
24) Nitrobenzene	8.945	77	654098	42.146	ng	98
25) Isophorone	9.469	82	1220307	39.884	ng	99
26) 2-Nitrophenol	9.657	139	347403	43.816	ng	99
27) 2,4-Dimethylphenol	9.728	122	560067	42.595	ng	99
28) bis(2-Chloroethoxy)met...	9.945	93	774120	40.935	ng	100
29) 2,4-Dichlorophenol	10.210	162	640382	43.473	ng	99
30) 1,2,4-Trichlorobenzene	10.398	180	750507	41.818	ng	100
31) Naphthalene	10.581	128	1846618	41.226	ng	99
32) Benzoic acid	9.904	122	369115	43.893	ng	98
33) 4-Chloroaniline	10.710	127	286757	15.619	ng	99
34) Hexachlorobutadiene	10.863	225	477099	41.880	ng	99
35) Caprolactam	11.504	113	169493	39.463	ng	100
36) 4-Chloro-3-methylphenol	11.857	107	560083	41.154	ng	99
37) 2-Methylnaphthalene	12.198	142	1213064	40.394	ng	100
38) 1-Methylnaphthalene	12.422	142	1269611	39.949	ng	100
40) 1,2,4,5-Tetrachloroben...	12.575	216	833595	43.251	ng	99
41) Hexachlorocyclopentadiene	12.551	237	810639	68.825	ng	100
43) 2,4,6-Trichlorophenol	12.827	196	544147	44.513	ng	96

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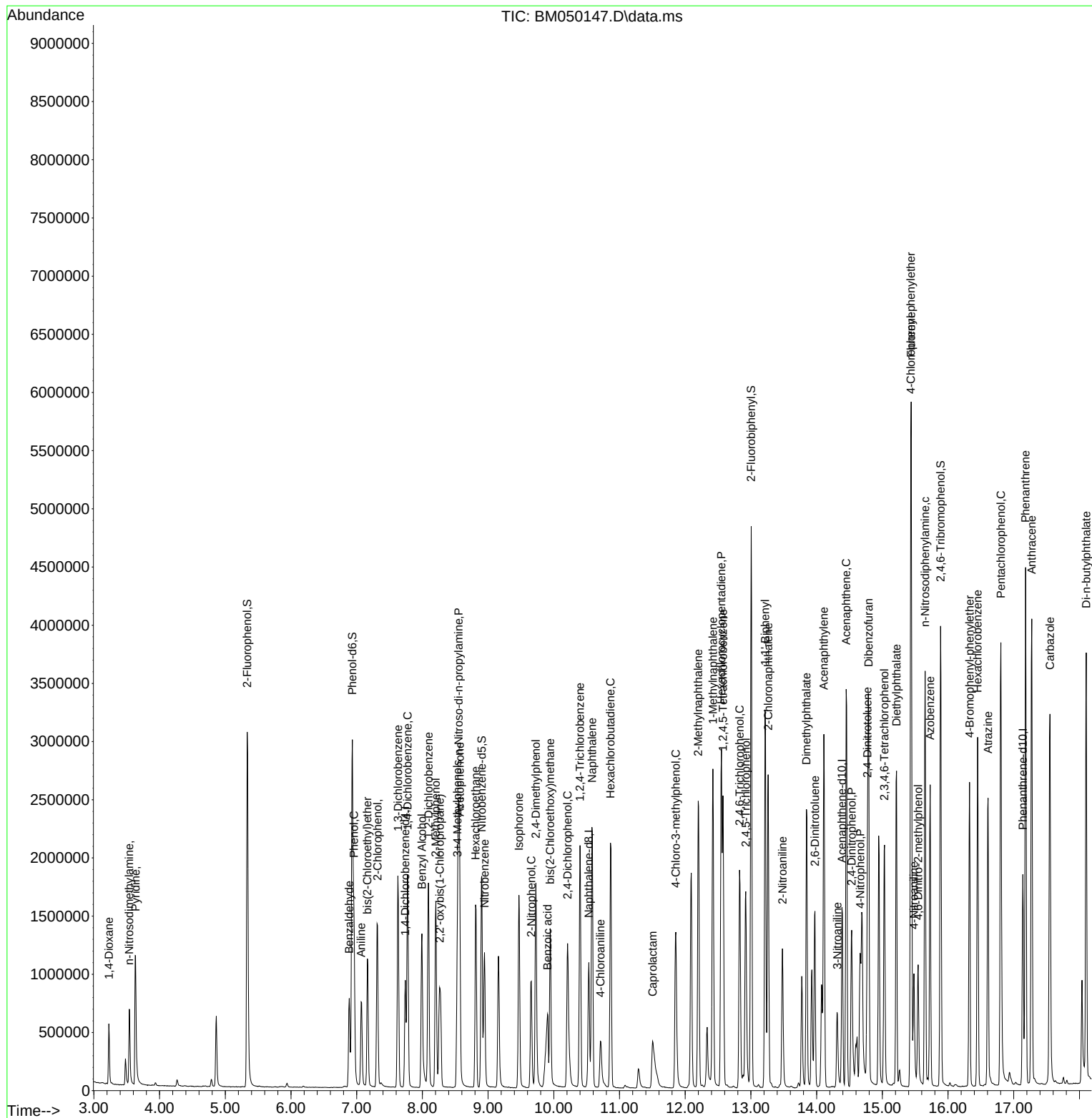
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	585065	44.383	ng	99
46) 1,1'-Biphenyl	13.216	154	1748393	42.246	ng	99
47) 2-Chloronaphthalene	13.263	162	1394532	42.545	ng	100
48) 2-Nitroaniline	13.480	65	340250	44.229	ng	100
49) Acenaphthylene	14.110	152	2162339	41.840	ng	100
50) Dimethylphthalate	13.845	163	1655423	40.686	ng	100
51) 2,6-Dinitrotoluene	13.974	165	359914	42.724	ng	99
52) Acenaphthene	14.451	154	1253654	41.908	ng	99
53) 3-Nitroaniline	14.316	138	206422	25.665	ng	99
54) 2,4-Dinitrophenol	14.533	184	435912	80.794	ng	99
55) Dibenzofuran	14.792	168	2043574	41.059	ng	99
56) 4-Nitrophenol	14.663	139	548863	83.663	ng	98
57) 2,4-Dinitrotoluene	14.774	165	506950	43.550	ng	97
58) Fluorene	15.439	166	1699192	41.709	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.033	232	481053	42.159	ng	99
60) Diethylphthalate	15.216	149	1540274	40.175	ng	100
61) 4-Chlorophenyl-phenyle...	15.433	204	925658	41.368	ng	99
62) 4-Nitroaniline	15.480	138	299512	38.598	ng	97
63) Azobenzene	15.727	77	1340591	41.722	ng	99
65) 4,6-Dinitro-2-methylph...	15.545	198	279835	41.801	ng	98
66) n-Nitrosodiphenylamine	15.651	169	1403891	42.749	ng	99
67) 4-Bromophenyl-phenylether	16.327	248	548181	42.387	ng	97
68) Hexachlorobenzene	16.451	284	635267	42.614	ng	98
69) Atrazine	16.610	200	506484	42.756	ng	99
70) Pentachlorophenol	16.804	266	814874	97.109	ng	99
71) Phenanthrene	17.180	178	2579206	42.759	ng	99
72) Anthracene	17.274	178	2589878	42.428	ng	100
73) Carbazole	17.551	167	2301037	43.441	ng	100
74) Di-n-butylphthalate	18.104	149	2665191	42.251	ng	99
75) Fluoranthene	19.203	202	3053515	43.118	ng	100
77) Benzidine	19.392	184	1267141	32.073	ng	100
78) Pyrene	19.568	202	3204476	41.027	ng	100
80) Butylbenzylphthalate	20.462	149	1193455	40.796	ng	98
81) Benzo(a)anthracene	21.368	228	3314921	43.279	ng	100
82) 3,3'-Dichlorobenzidine	21.292	252	775949	26.464	ng	100
83) Chrysene	21.427	228	3006106	42.406	ng	100
84) Bis(2-ethylhexyl)phtha...	21.280	149	1748323	40.011	ng	99
85) Di-n-octyl phthalate	22.403	149	2992138	41.523	ng	100
87) Indeno(1,2,3-cd)pyrene	27.774	276	3912545	45.204	ng	99
88) Benzo(b)fluoranthene	23.433	252	3221230	42.642	ng	100
89) Benzo(k)fluoranthene	23.491	252	3194428	41.805	ng	99
90) Benzo(a)pyrene	24.238	252	3046262	43.055	ng	100
91) Dibenzo(a,h)anthracene	27.815	278	3203191	45.400	ng	99
92) Benzo(g,h,i)perylene	28.820	276	3027834	44.826	ng	100

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

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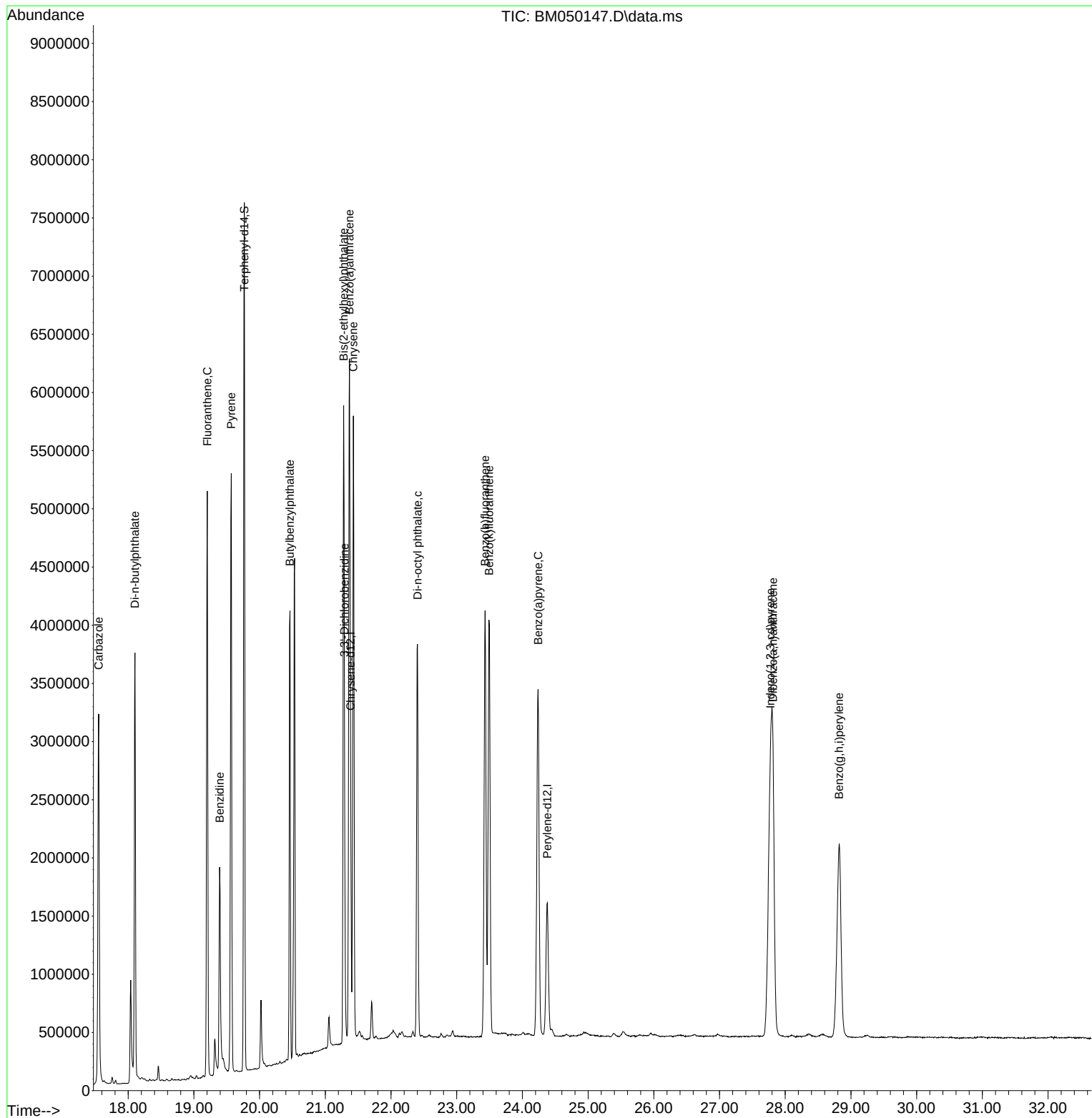
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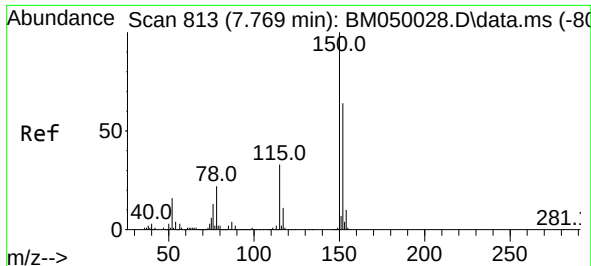


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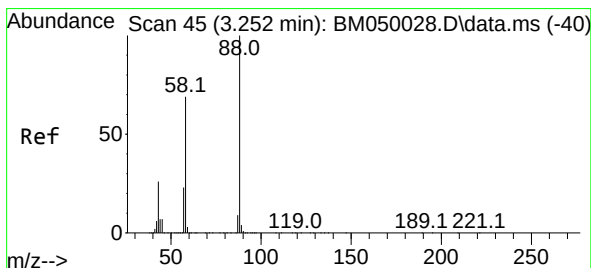
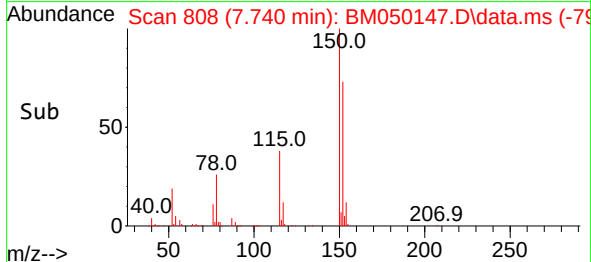
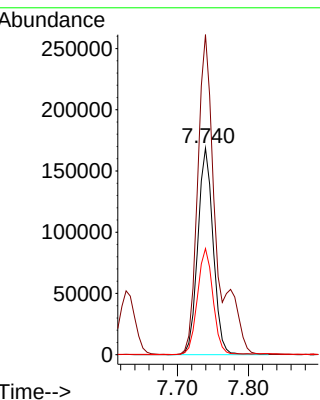
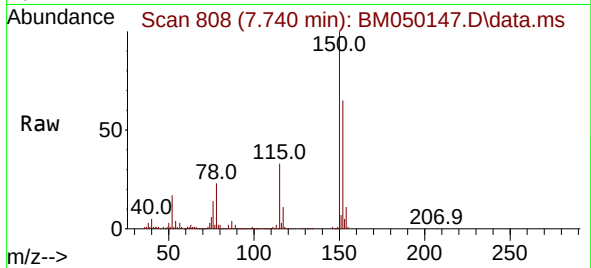




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM050147.D
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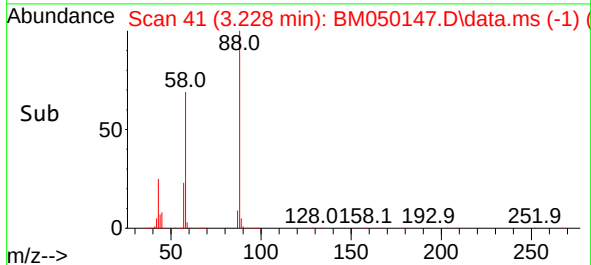
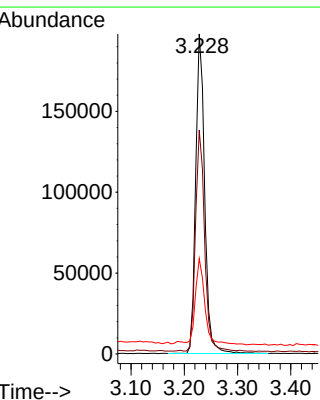
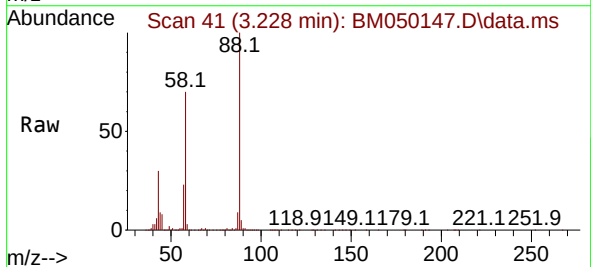
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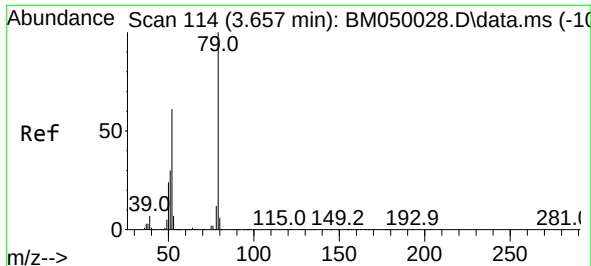
Tgt Ion:152 Resp: 253439
Ion Ratio Lower Upper
152 100
150 155.0 124.1 186.1
115 51.4 41.2 61.8



#2
1,4-Dioxane
Concen: 37.217 ng
RT: 3.228 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Tgt Ion: 88 Resp: 230959
Ion Ratio Lower Upper
88 100
58 70.5 55.1 82.7
43 28.7 20.9 31.3

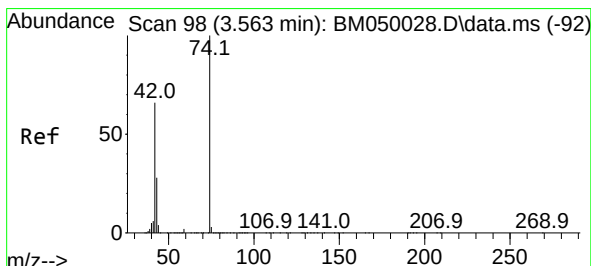
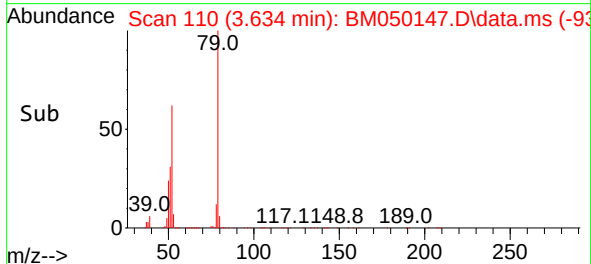
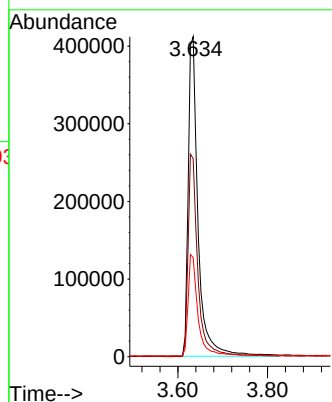
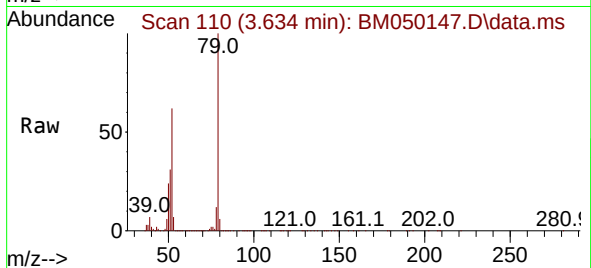




#3
Pyridine
Concen: 39.580 ng
RT: 3.634 min Scan# 114
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

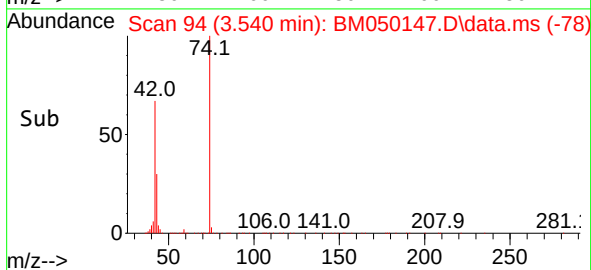
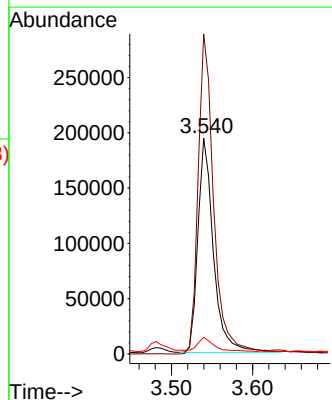
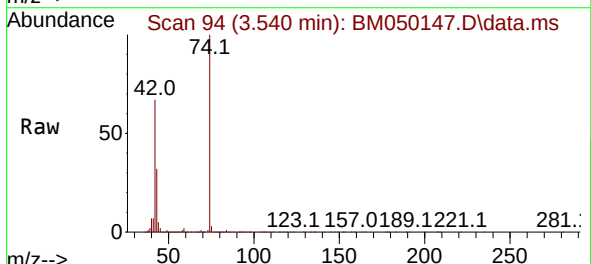
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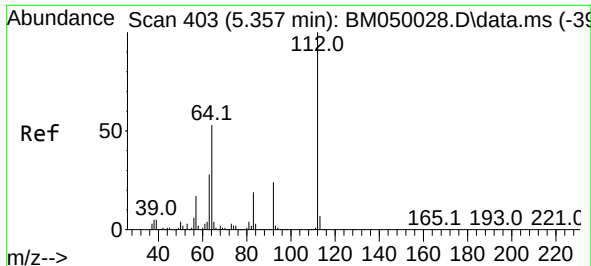
Tgt Ion: 79 Resp: 631083
Ion Ratio Lower Upper
79 100
52 61.9 48.6 72.8
51 31.0 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 41.343 ng
RT: 3.540 min Scan# 94
Delta R.T. -0.006 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Tgt Ion: 42 Resp: 258544
Ion Ratio Lower Upper
42 100
74 148.4 120.2 180.2
44 7.7 6.2 9.2

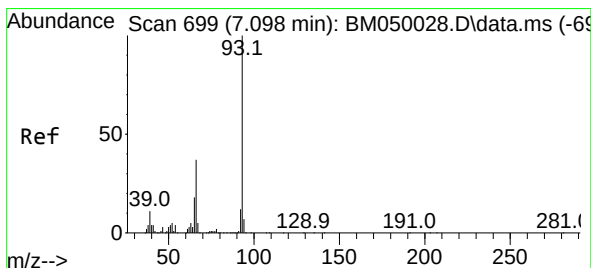
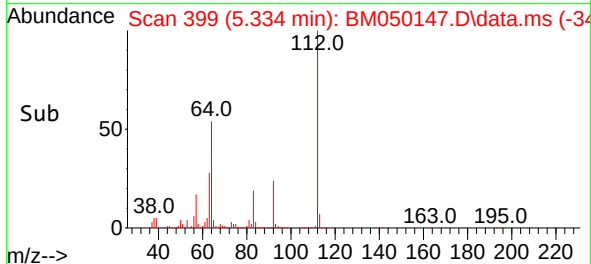
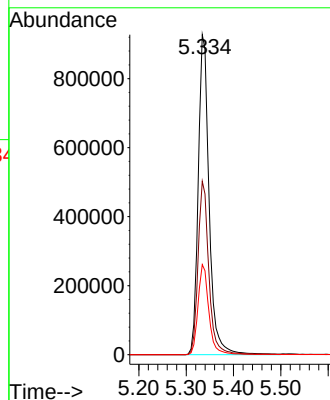
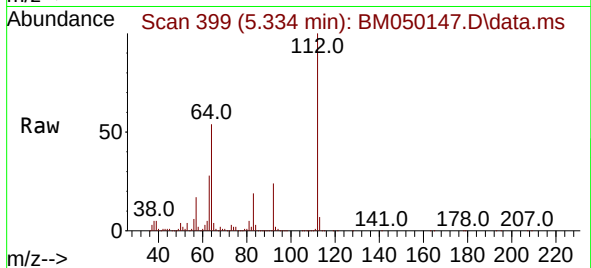




#5
2-Fluorophenol
Concen: 102.574 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.006 min
Lab File: BM050147.D
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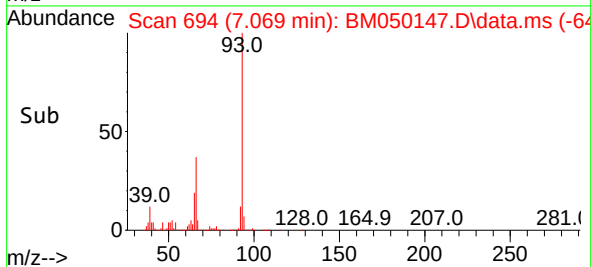
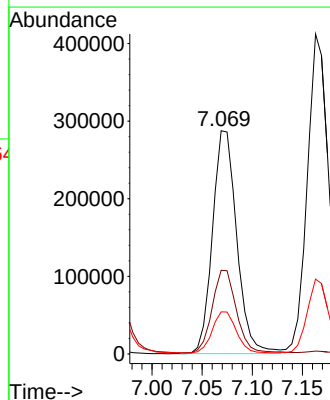
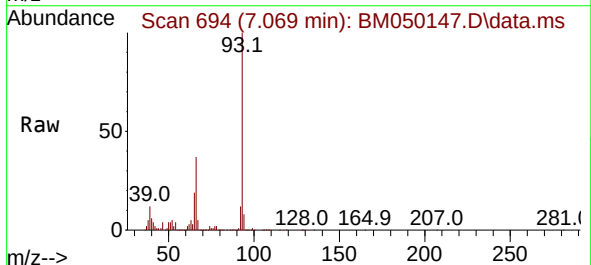
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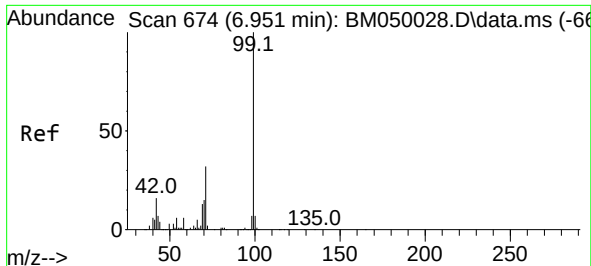
Tgt Ion:112 Resp: 1484585
Ion Ratio Lower Upper
112 100
64 54.2 42.6 64.0
63 28.1 22.2 33.4



#6
Aniline
Concen: 21.113 ng
RT: 7.069 min Scan# 694
Delta R.T. -0.006 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Tgt Ion: 93 Resp: 484984
Ion Ratio Lower Upper
93 100
66 37.5 29.9 44.9
65 18.9 14.5 21.7

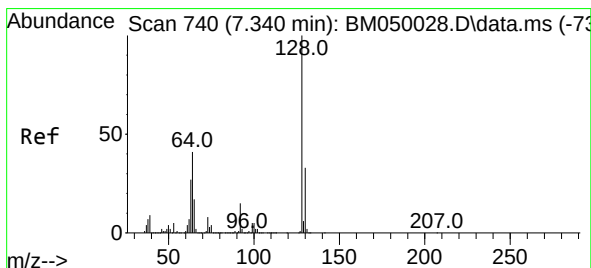
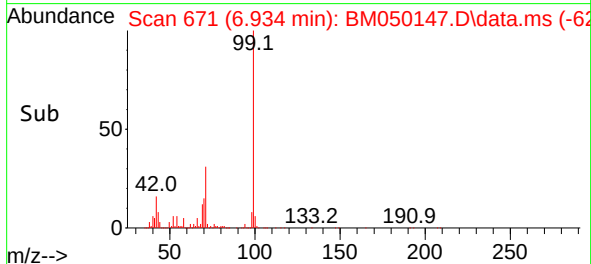
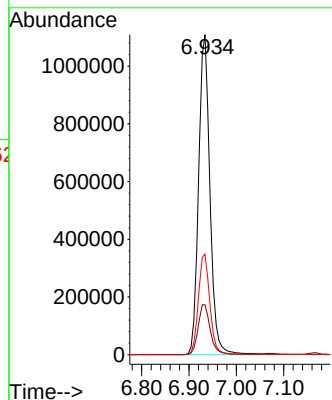
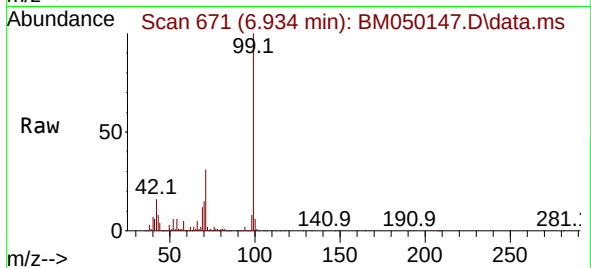




#7
Phenol-d6
Concen: 101.568 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
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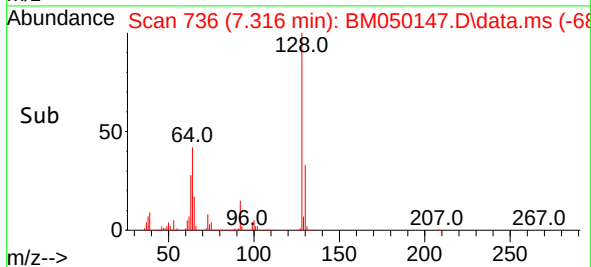
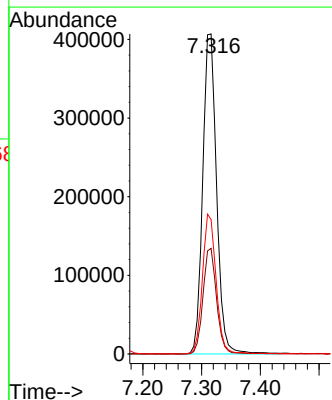
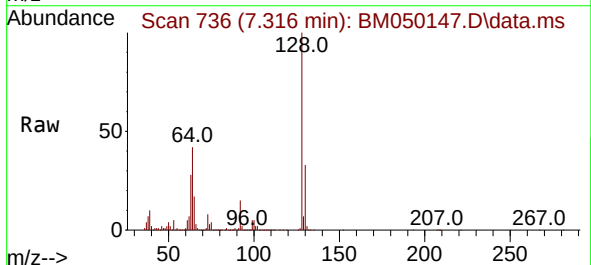
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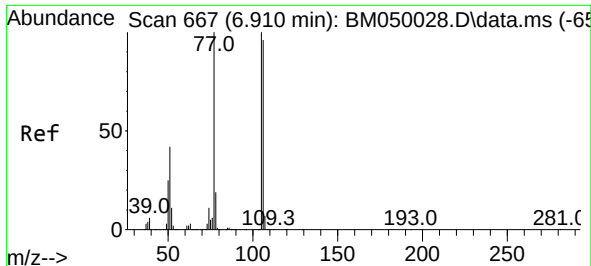
Tgt Ion: 99 Resp: 1847635
Ion Ratio Lower Upper
99 100
42 15.6 13.0 19.4
71 31.4 25.6 38.4



#8
2-Chlorophenol
Concen: 42.601 ng
RT: 7.316 min Scan# 736
Delta R.T. -0.000 min
Lab File: BM050147.D
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Tgt Ion: 128 Resp: 666662
Ion Ratio Lower Upper
128 100
130 33.0 12.8 52.8
64 42.0 21.2 61.2

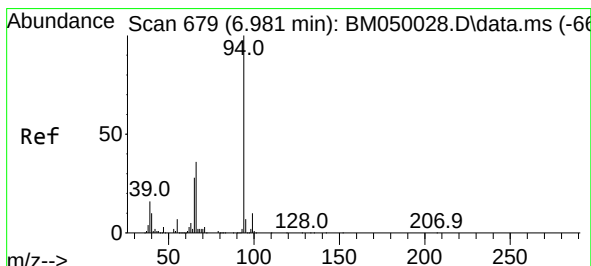
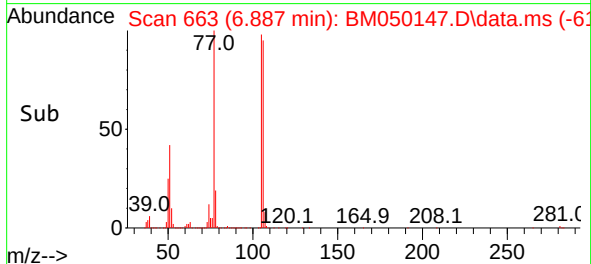
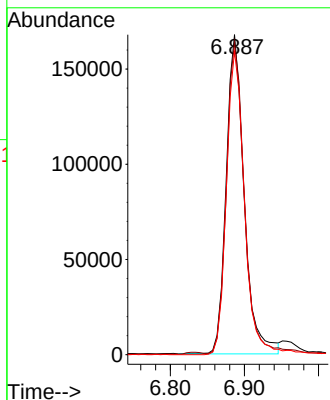
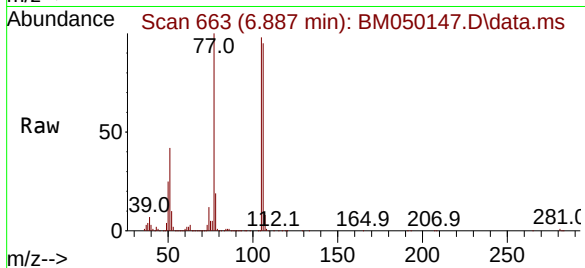




#9
Benzaldehyde
Concen: 23.135 ng
RT: 6.887 min Scan# 663
Delta R.T. -0.000 min
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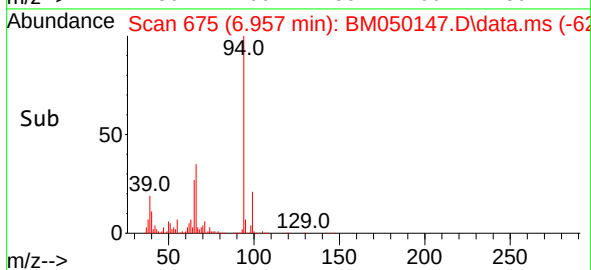
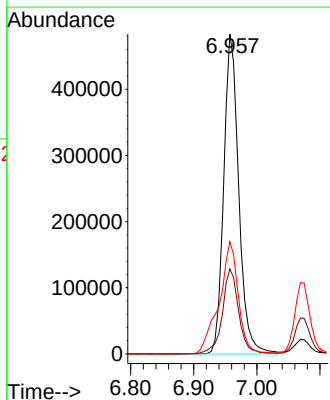
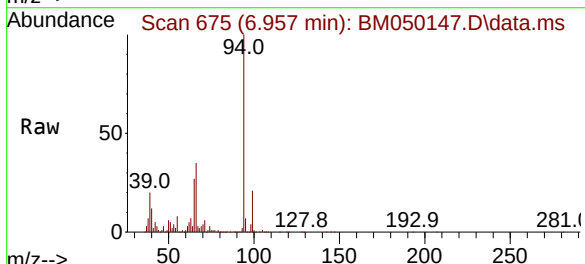
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ClientSampleId :
MH-LLMSD

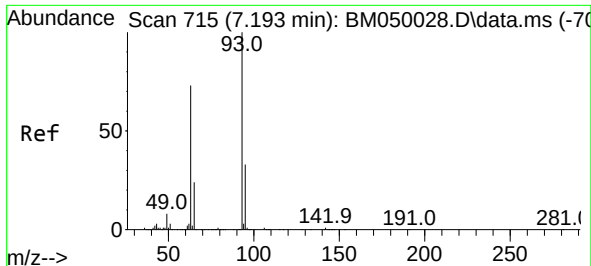
Tgt Ion: 77 Resp: 281630
Ion Ratio Lower Upper
77 100
105 97.7 80.5 120.5
106 94.8 76.1 116.1



#10
Phenol
Concen: 43.327 ng
RT: 6.957 min Scan# 675
Delta R.T. -0.006 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Tgt Ion: 94 Resp: 797888
Ion Ratio Lower Upper
94 100
65 26.6 7.6 47.6
66 35.1 15.8 55.8

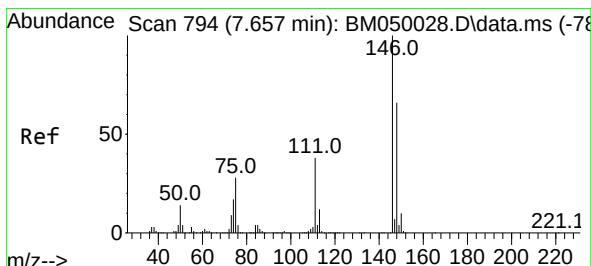
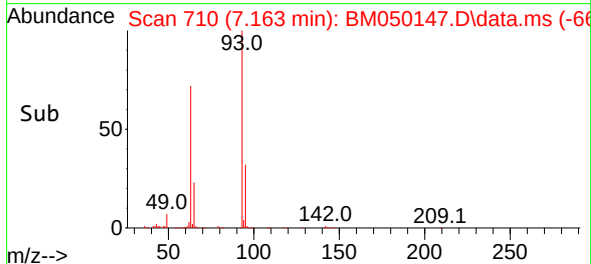
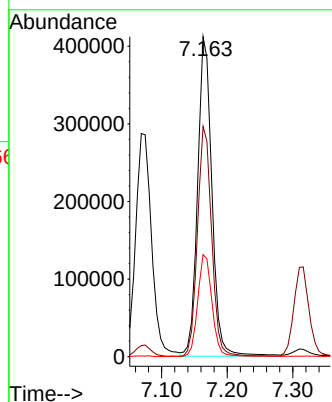
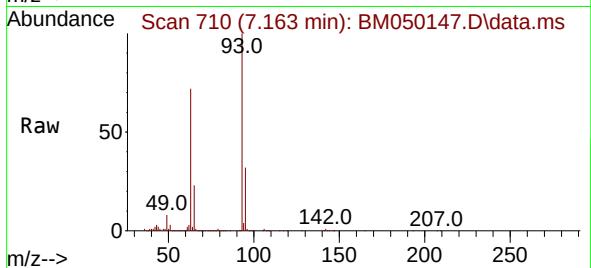




#11
bis(2-Chloroethyl)ether
Concen: 40.695 ng
RT: 7.163 min Scan# 710
Delta R.T. -0.006 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

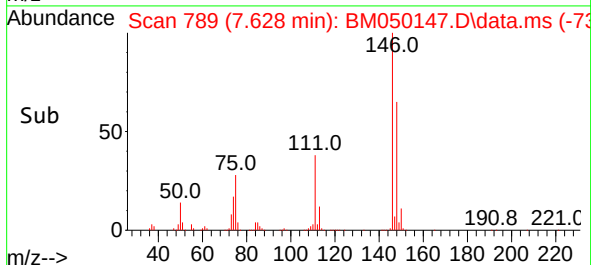
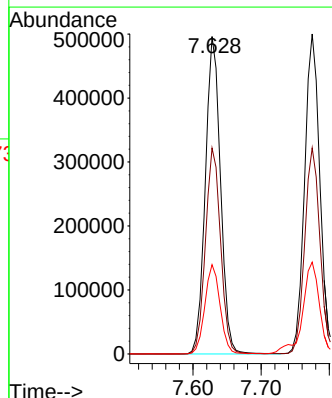
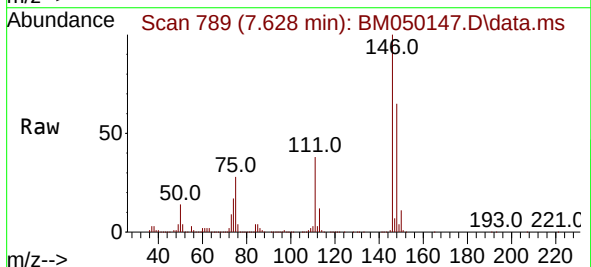
Instrument :
BNA_M
ClientSampleId :
MH-LLMSD

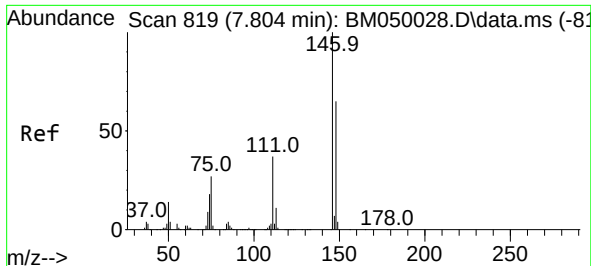
Tgt Ion: 93 Resp: 625782
Ion Ratio Lower Upper
93 100
63 71.9 52.3 92.3
95 31.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.647 ng
RT: 7.628 min Scan# 789
Delta R.T. -0.006 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Tgt Ion:146 Resp: 768371
Ion Ratio Lower Upper
146 100
148 64.8 52.5 78.7
75 28.1 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 40.728 ng

RT: 7.775 min Scan# 81

Delta R.T. -0.000 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

Instrument :

BNA_M

ClientSampleId :

MH-LLMSD

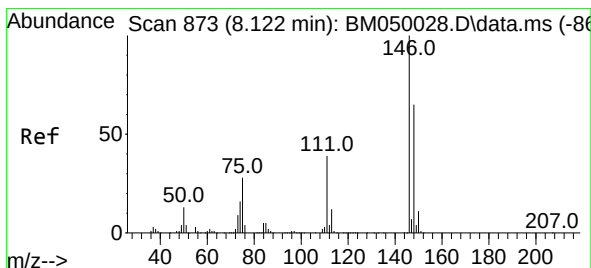
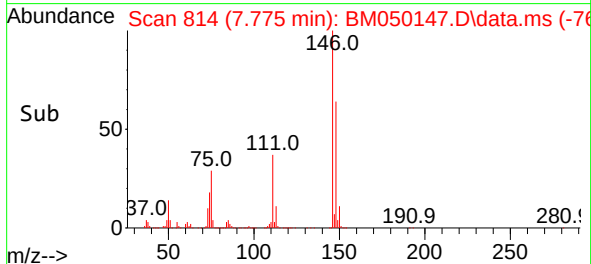
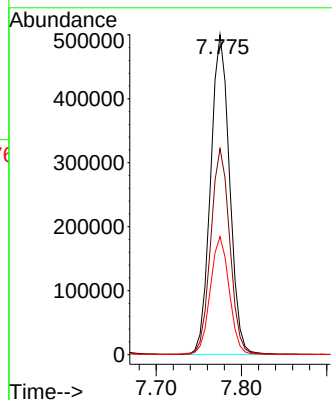
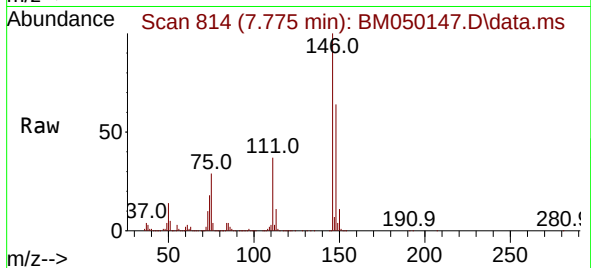
Tgt Ion:146 Resp: 773451

Ion Ratio Lower Upper

146 100

148 64.4 52.2 78.2

111 36.9 29.3 43.9



#14

1,2-Dichlorobenzene

Concen: 40.732 ng

RT: 8.092 min Scan# 868

Delta R.T. -0.000 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

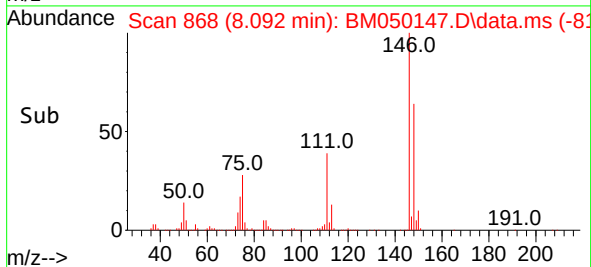
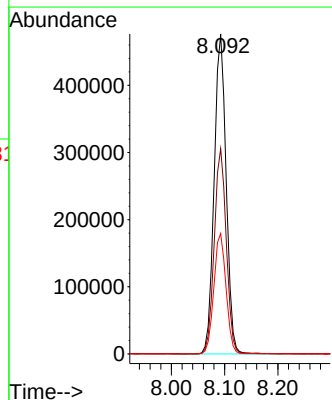
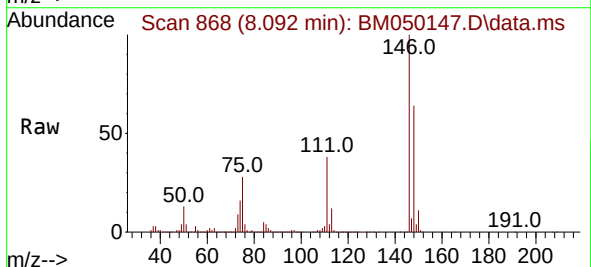
Tgt Ion:146 Resp: 747198

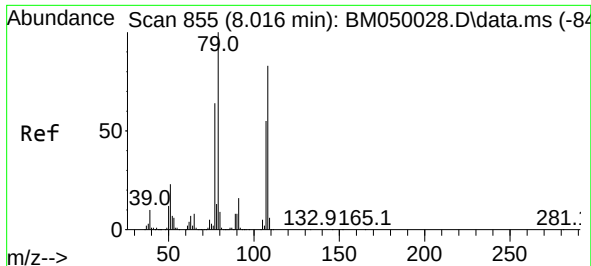
Ion Ratio Lower Upper

146 100

148 64.1 52.4 78.6

111 37.6 31.0 46.6

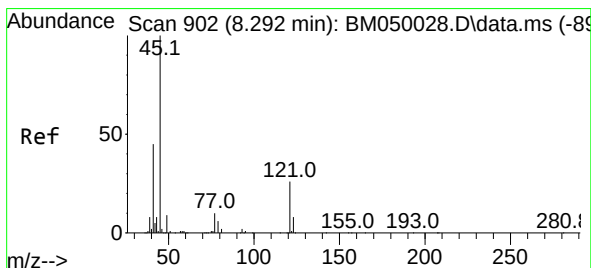
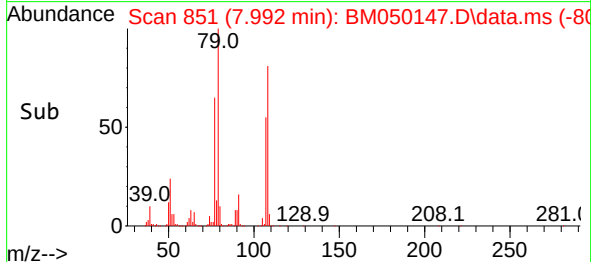
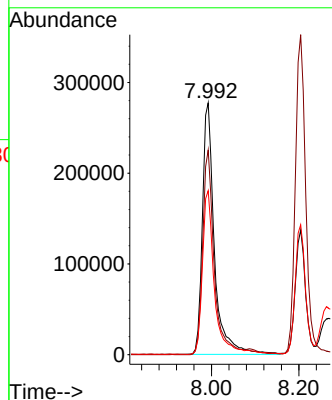
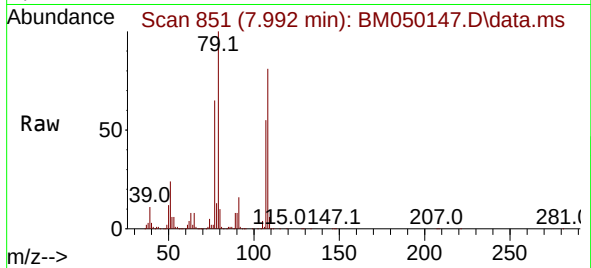




#15
Benzyl Alcohol
Concen: 42.231 ng
RT: 7.992 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

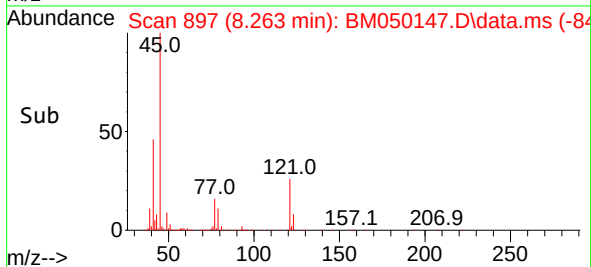
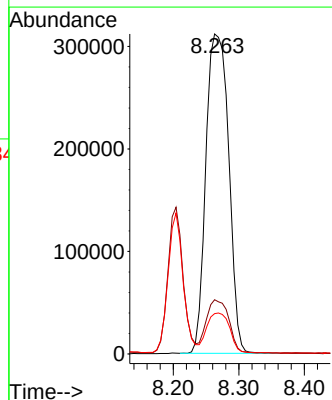
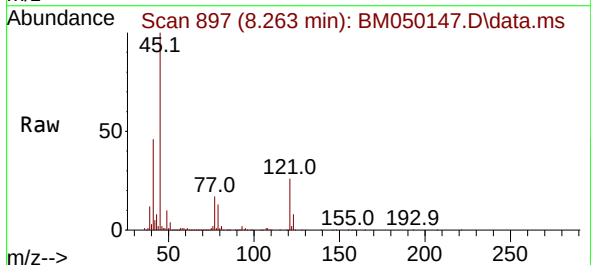
Instrument :
BNA_M
ClientSampleId :
MH-LLMSD

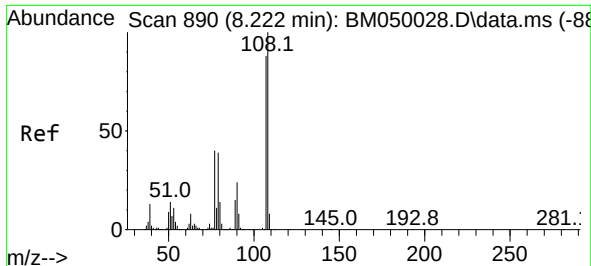
Tgt Ion: 79 Resp: 532761
Ion Ratio Lower Upper
79 100
108 81.3 66.0 99.0
77 65.1 51.6 77.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.272 ng
RT: 8.263 min Scan# 897
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Tgt Ion: 45 Resp: 752772
Ion Ratio Lower Upper
45 100
77 16.9 0.0 36.4
79 12.6 0.0 32.7

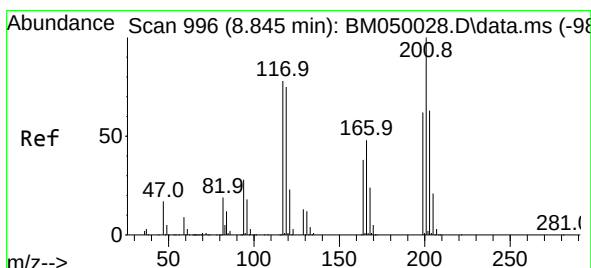
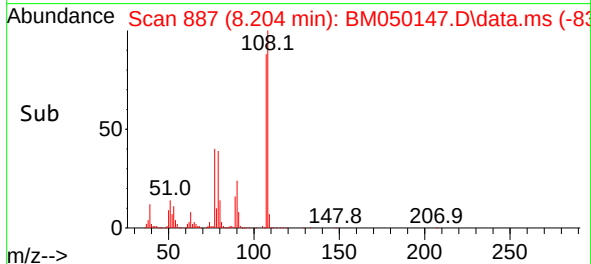
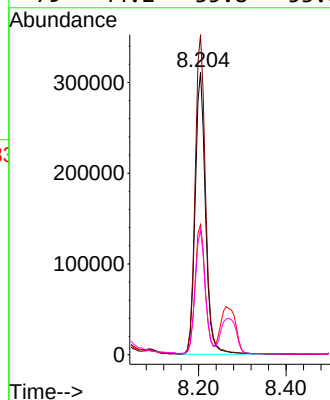
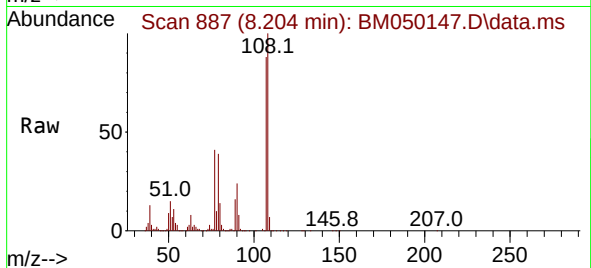




#17
2-Methylphenol
Concen: 42.175 ng
RT: 8.204 min Scan# 887
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

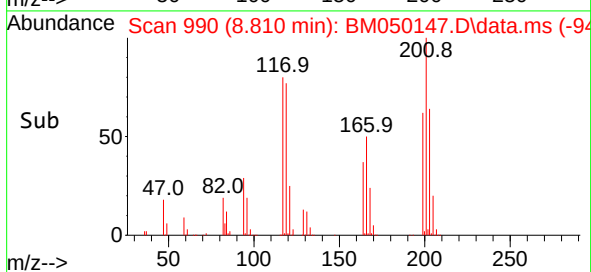
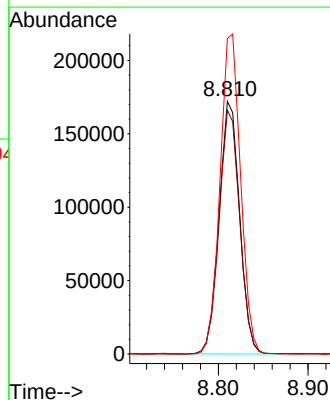
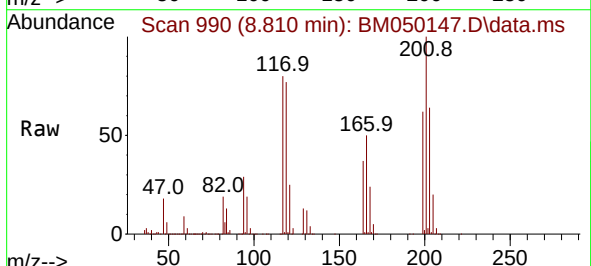
Instrument :
BNA_M
ClientSampleId :
MH-LLMSD

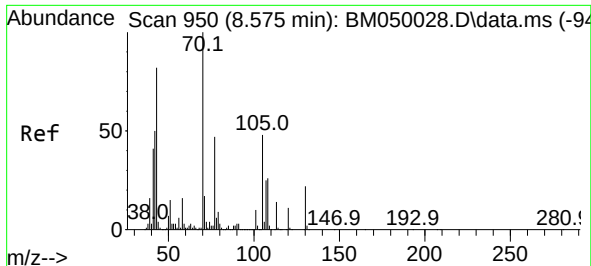
Tgt Ion:	107	Resp:	511655
Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.1	136.7
77	46.0	36.2	54.4
79	44.2	35.8	53.8



#18
Hexachloroethane
Concen: 40.554 ng
RT: 8.810 min Scan# 990
Delta R.T. -0.006 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Tgt Ion:	117	Resp:	273774
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.3	115.9
201	124.9	102.8	154.2

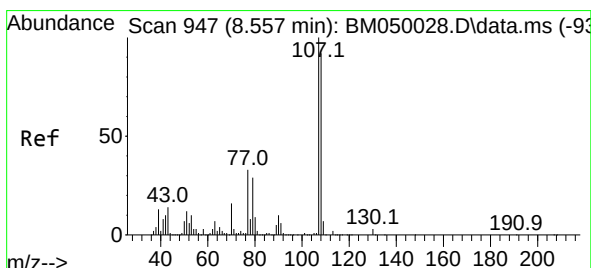
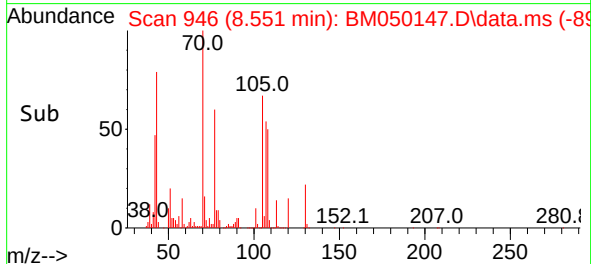
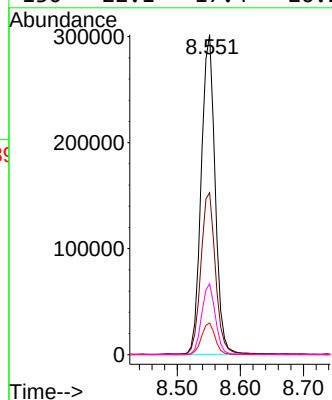
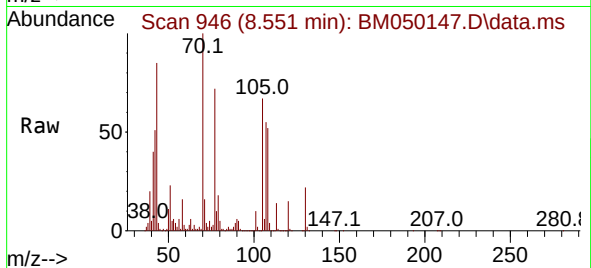




#19
n-Nitroso-di-n-propylamine
Concen: 39.511 ng
RT: 8.551 min Scan# 94
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

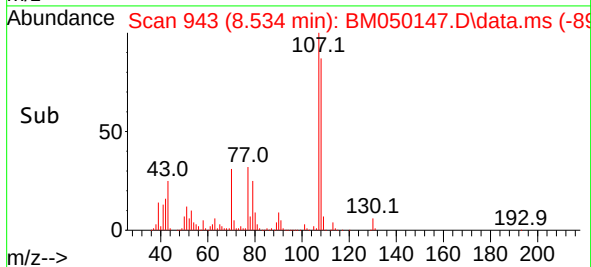
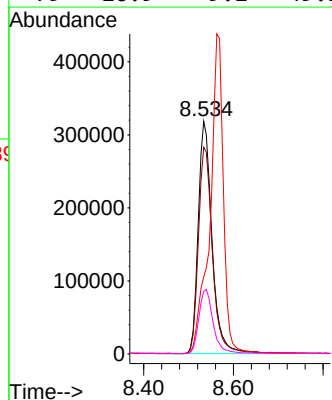
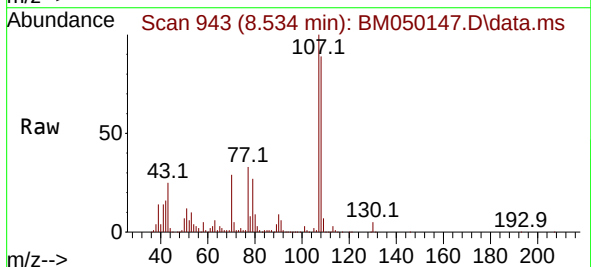
Instrument :
BNA_M
ClientSampleId :
MH-LLMSD

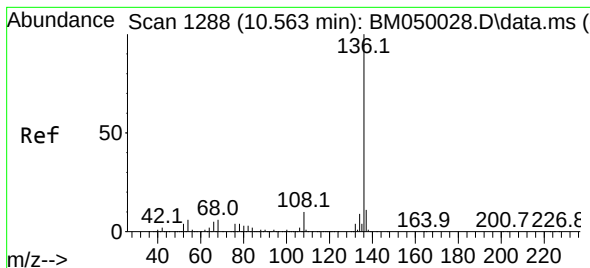
Tgt Ion: 70 Resp: 460973
Ion Ratio Lower Upper
70 100
42 50.6 40.5 60.7
101 9.9 7.8 11.6
130 22.1 17.4 26.2



#20
3+4-Methylphenols
Concen: 41.678 ng
RT: 8.534 min Scan# 943
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Tgt Ion: 107 Resp: 682817
Ion Ratio Lower Upper
107 100
108 88.8 72.4 112.4
77 33.1 13.6 53.6
79 26.9 9.2 49.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.533 min Scan# 1283

Delta R.T. -0.000 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

Instrument :

BNA_M

ClientSampleId :

MH-LLMSD

Tgt Ion:136 Resp: 884473

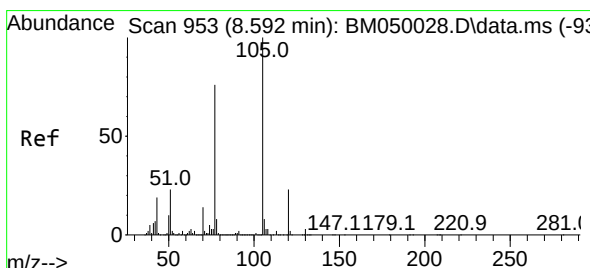
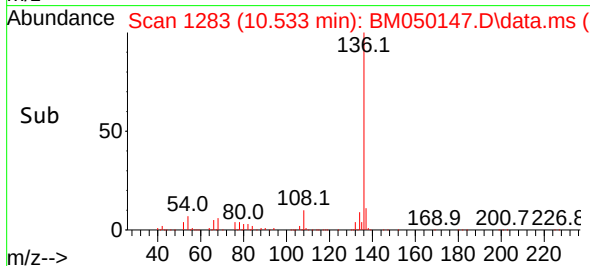
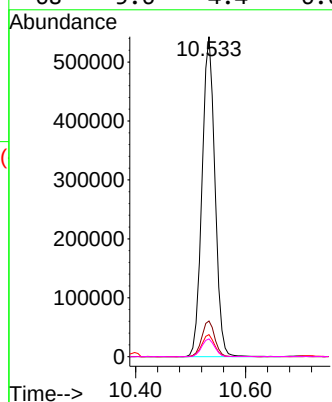
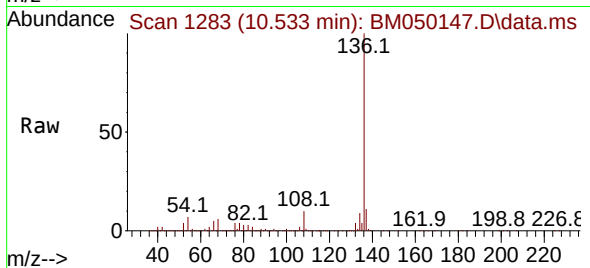
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.9 5.1 7.7

68 5.6 4.4 6.6



#22

Acetophenone

Concen: 41.510 ng

RT: 8.569 min Scan# 949

Delta R.T. -0.000 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

Tgt Ion:105 Resp: 912791

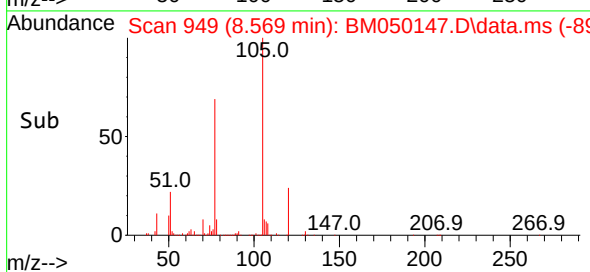
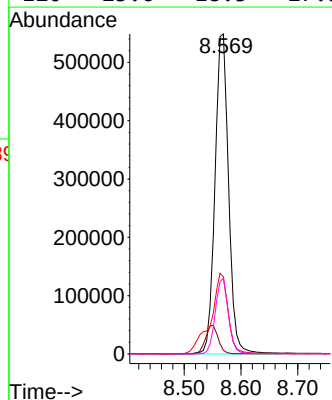
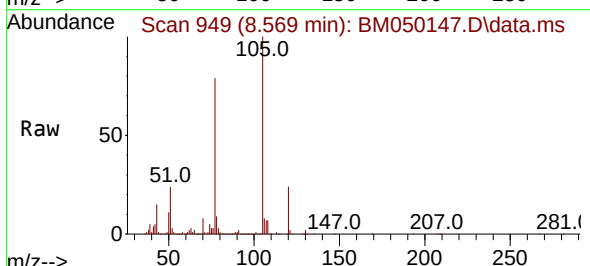
Ion Ratio Lower Upper

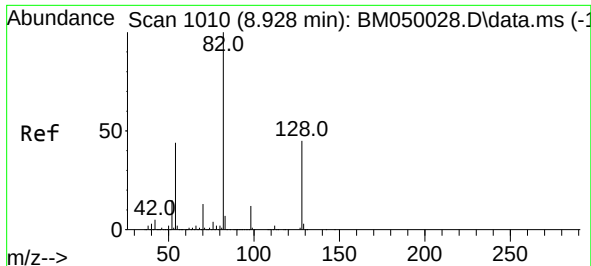
105 100

71 1.2 1.7 2.5

51 24.1 18.6 27.8

120 23.6 18.3 27.5

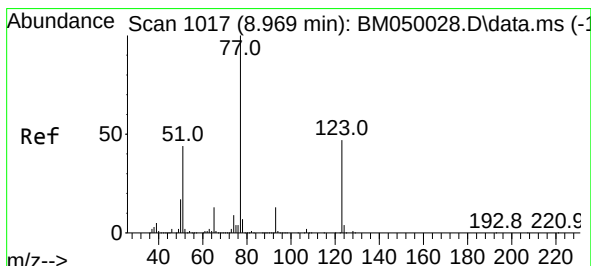
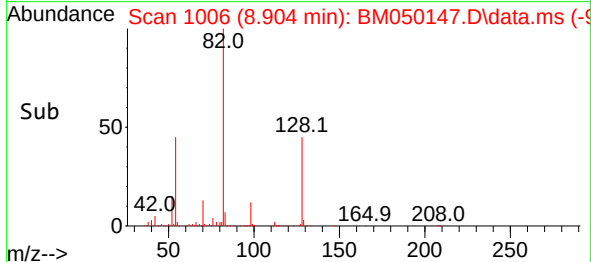
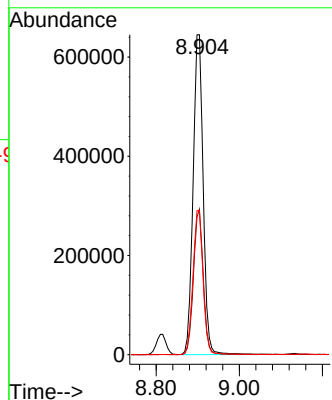
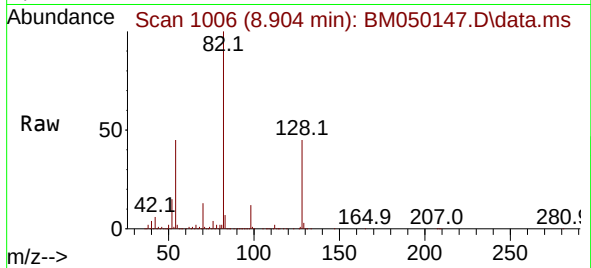




#23
Nitrobenzene-d5
Concen: 60.508 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

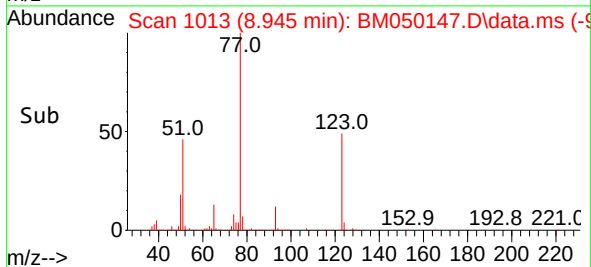
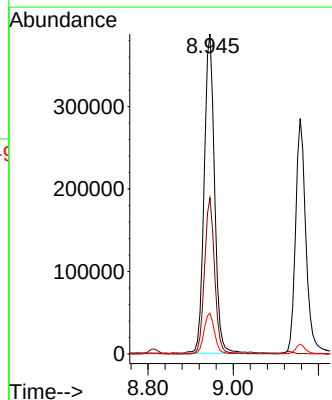
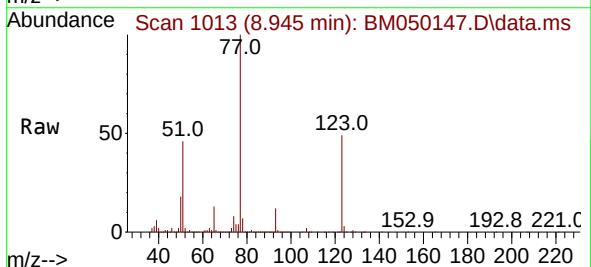
Instrument :
BNA_M
ClientSampleId :
MH-LLMSD

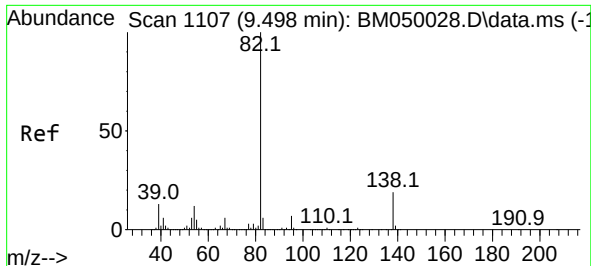
Tgt Ion: 82 Resp: 1086064
Ion Ratio Lower Upper
82 100
128 45.4 35.7 53.5
54 45.0 35.4 53.2



#24
Nitrobenzene
Concen: 42.146 ng
RT: 8.945 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Tgt Ion: 77 Resp: 654098
Ion Ratio Lower Upper
77 100
123 48.8 37.9 56.9
65 12.7 10.1 15.1





#25

Isophorone

Concen: 39.884 ng

RT: 9.469 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

Instrument :

BNA_M

ClientSampleId :

MH-LLMSD

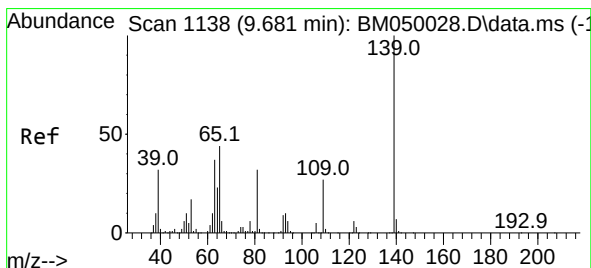
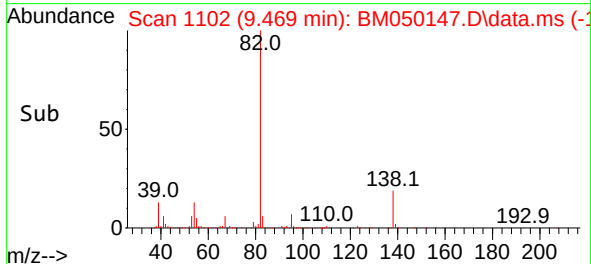
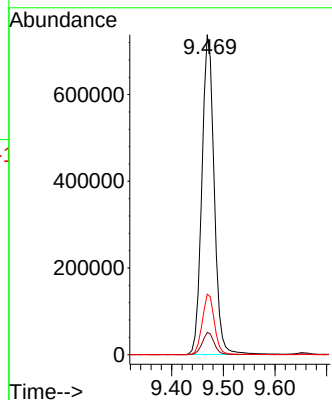
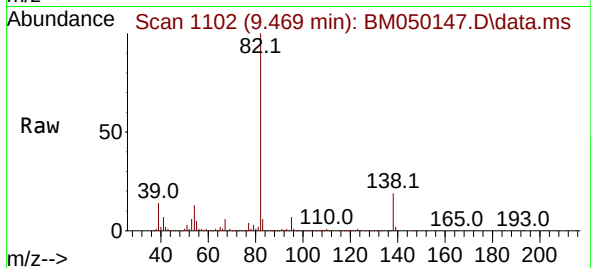
Tgt Ion: 82 Resp: 1220307

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

138 18.9 15.5 23.3



#26

2-Nitrophenol

Concen: 43.816 ng

RT: 9.657 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

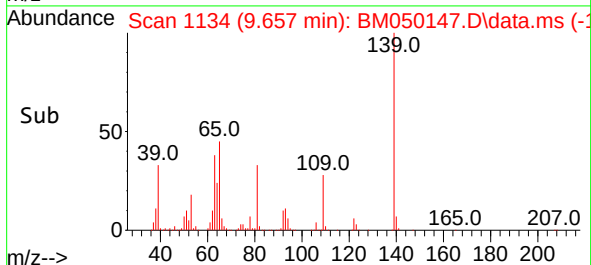
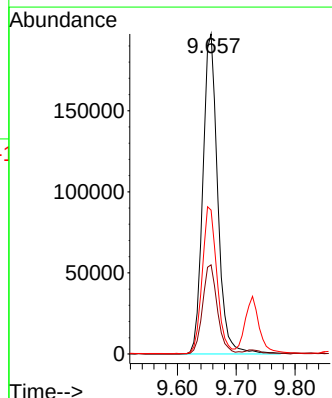
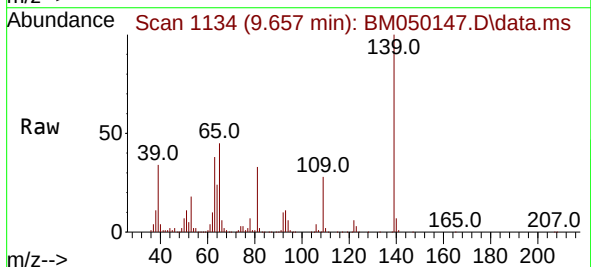
Tgt Ion:139 Resp: 347403

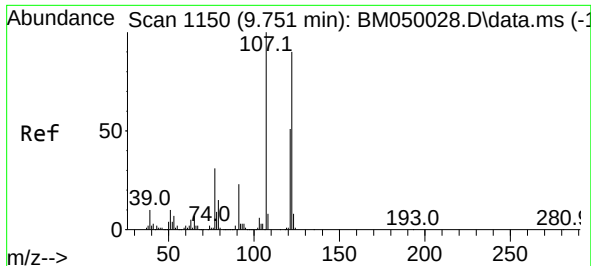
Ion Ratio Lower Upper

139 100

109 27.9 21.9 32.9

65 44.9 35.4 53.2





#27

2,4-Dimethylphenol

Concen: 42.595 ng

RT: 9.728 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

Instrument :

BNA_M

ClientSampleId :

MH-LLMSD

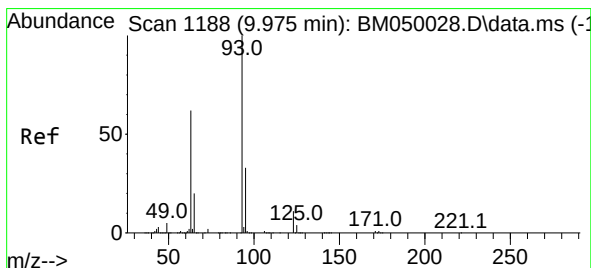
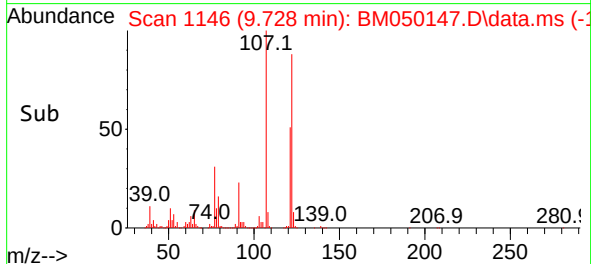
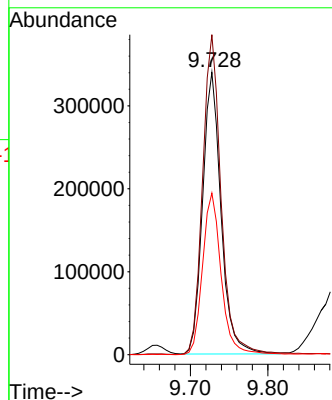
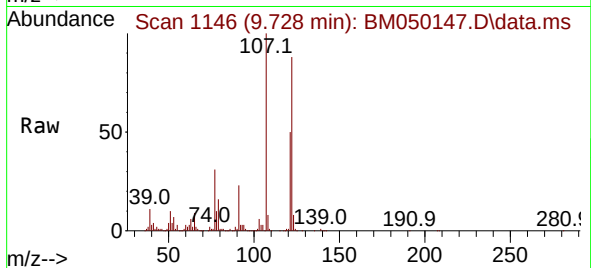
Tgt Ion:122 Resp: 560067

Ion Ratio Lower Upper

122 100

107 113.3 89.0 133.6

121 57.2 45.6 68.4



#28

bis(2-Chloroethoxy)methane

Concen: 40.935 ng

RT: 9.945 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

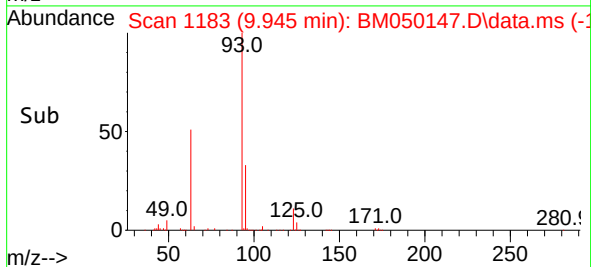
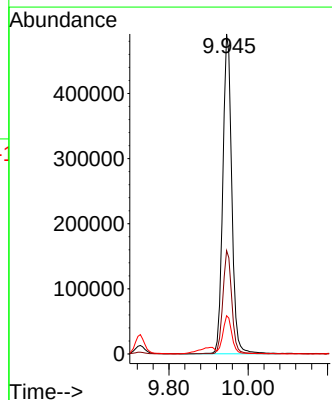
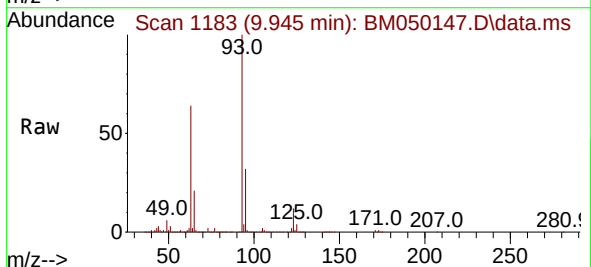
Tgt Ion: 93 Resp: 774120

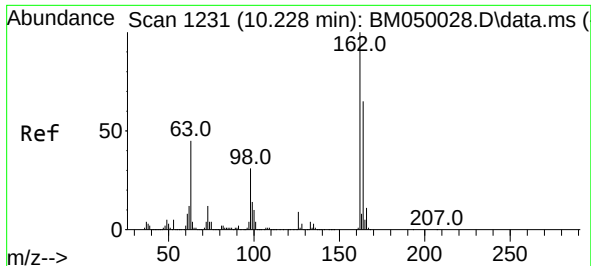
Ion Ratio Lower Upper

93 100

95 32.3 26.1 39.1

123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 43.473 ng

RT: 10.210 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

Instrument :

BNA_M

ClientSampleId :

MH-LLMSD

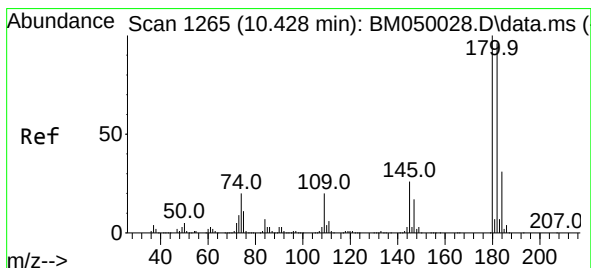
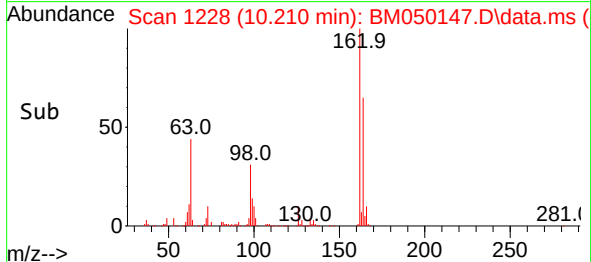
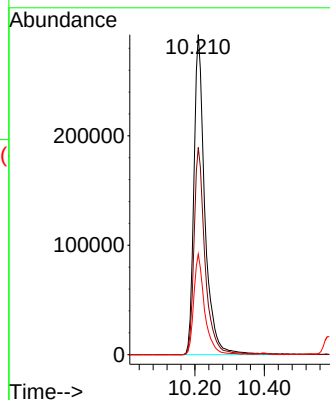
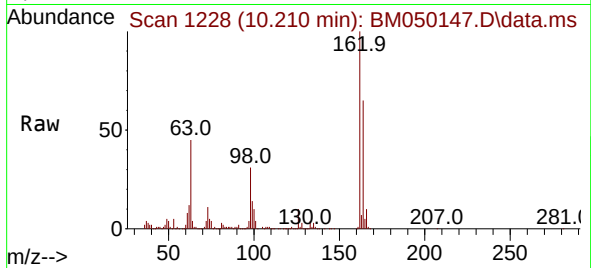
Tgt Ion:162 Resp: 640382

Ion Ratio Lower Upper

162 100

164 64.7 45.4 85.4

98 31.5 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 41.818 ng

RT: 10.398 min Scan# 1260

Delta R.T. -0.006 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

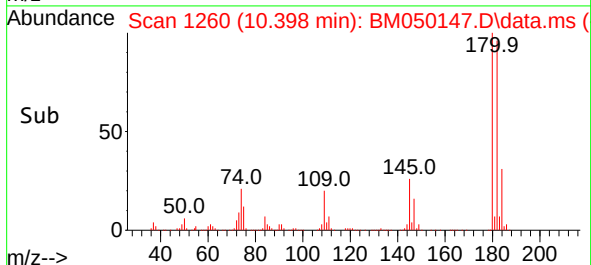
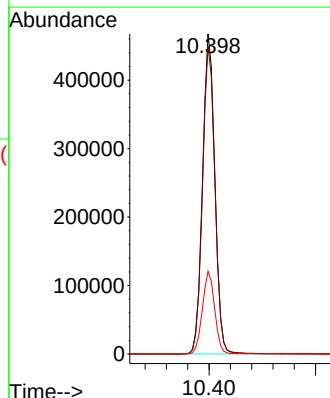
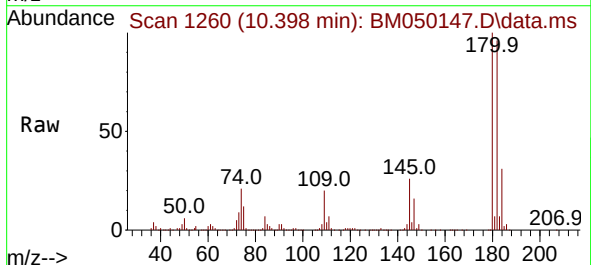
Tgt Ion:180 Resp: 750507

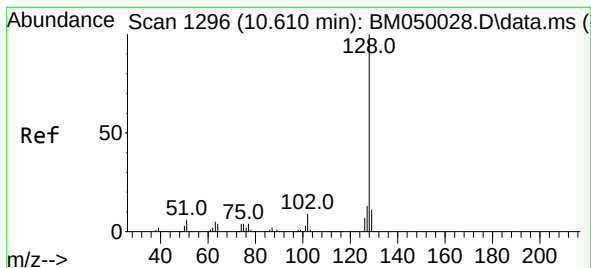
Ion Ratio Lower Upper

180 100

182 96.1 77.0 115.4

145 25.8 20.6 30.8





#31

Naphthalene

Concen: 41.226 ng

RT: 10.581 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

Instrument :

BNA_M

ClientSampleId :

MH-LLMSD

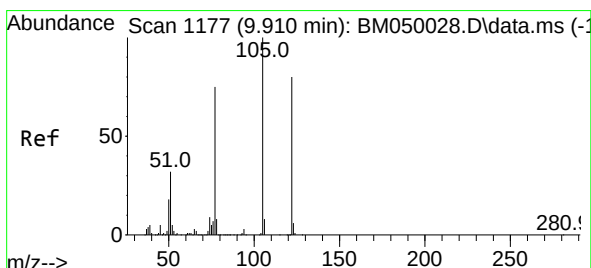
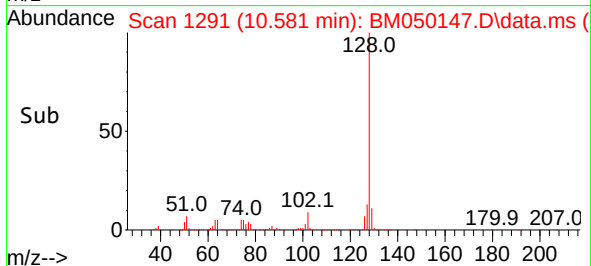
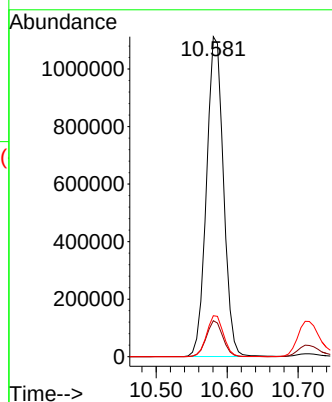
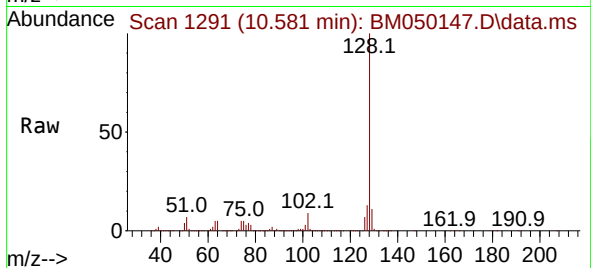
Tgt Ion:128 Resp: 1846618

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 12.8 10.4 15.6



#32

Benzoic acid

Concen: 43.893 ng

RT: 9.904 min Scan# 1176

Delta R.T. -0.012 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

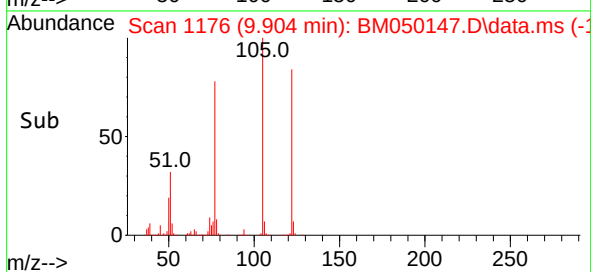
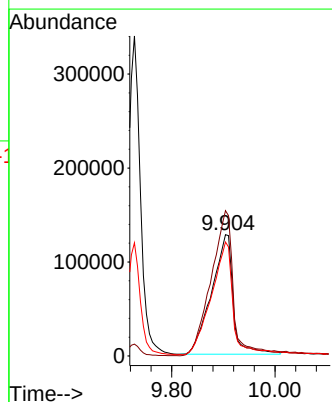
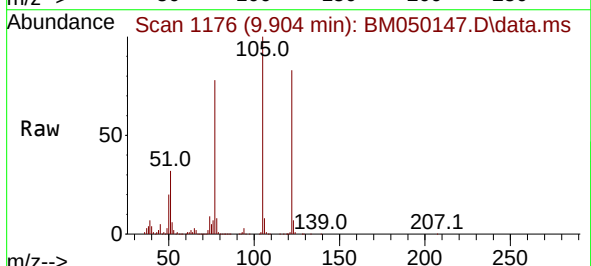
Tgt Ion:122 Resp: 369115

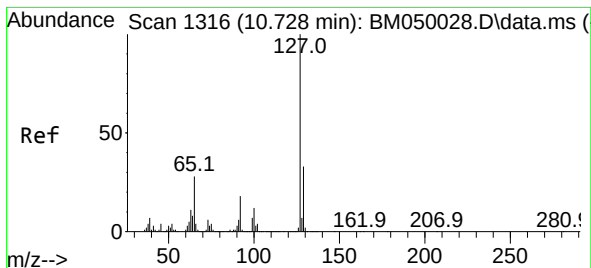
Ion Ratio Lower Upper

122 100

105 119.8 103.6 143.6

77 94.0 73.7 113.7





#33

4-Chloroaniline

Concen: 15.619 ng

RT: 10.710 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

Instrument :

BNA_M

ClientSampleId :

MH-LLMSD

Tgt Ion:127 Resp: 286757

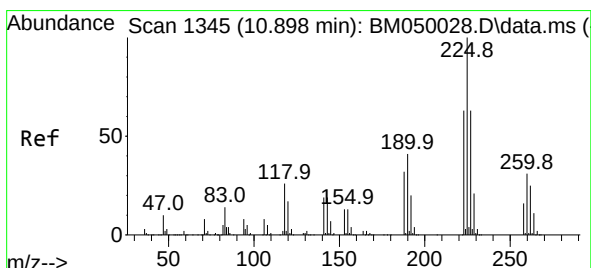
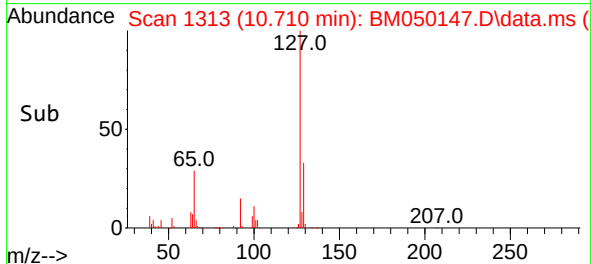
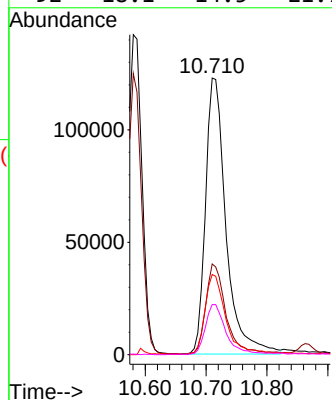
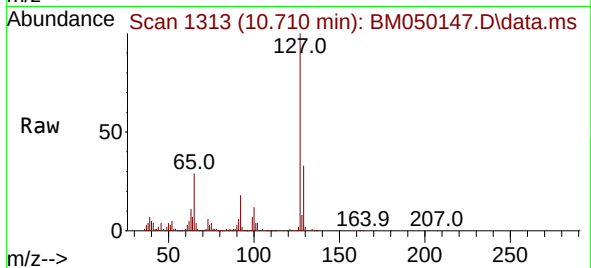
Ion Ratio Lower Upper

127 100

129 32.8 26.3 39.5

65 29.0 22.5 33.7

92 18.1 14.5 21.7



#34

Hexachlorobutadiene

Concen: 41.880 ng

RT: 10.863 min Scan# 1339

Delta R.T. -0.006 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

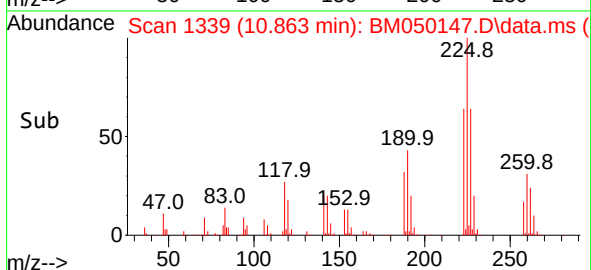
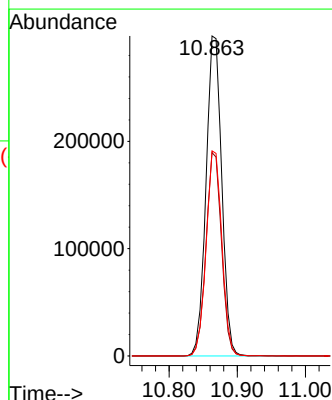
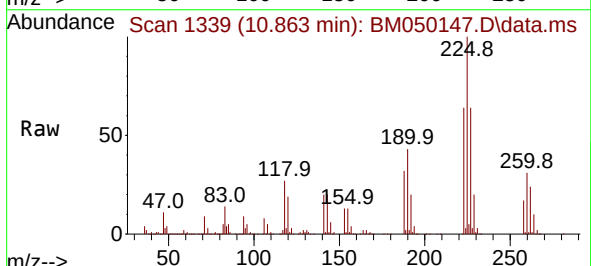
Tgt Ion:225 Resp: 477099

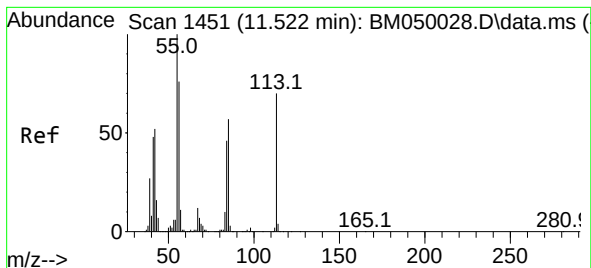
Ion Ratio Lower Upper

225 100

223 63.5 50.2 75.2

227 64.1 50.6 76.0





#35

Caprolactam

Concen: 39.463 ng

RT: 11.504 min Scan# 14

Delta R.T. -0.012 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

Instrument :

BNA_M

ClientSampleId :

MH-LLMSD

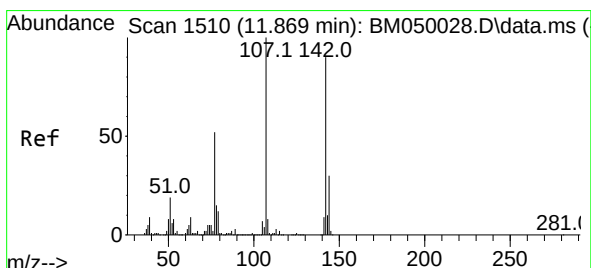
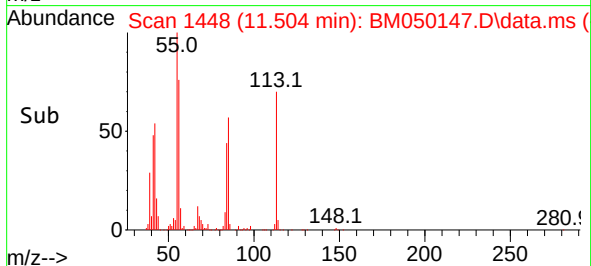
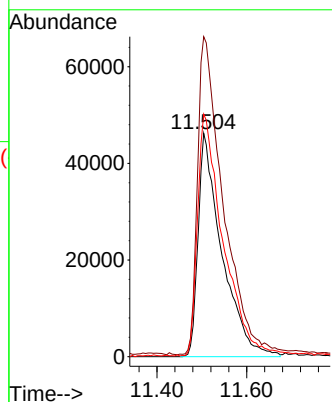
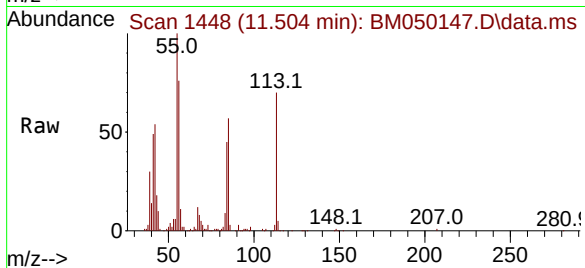
Tgt Ion:113 Resp: 169493

Ion Ratio Lower Upper

113 100

55 143.3 122.9 162.9

56 108.6 88.1 128.1



#36

4-Chloro-3-methylphenol

Concen: 41.154 ng

RT: 11.857 min Scan# 1508

Delta R.T. -0.000 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

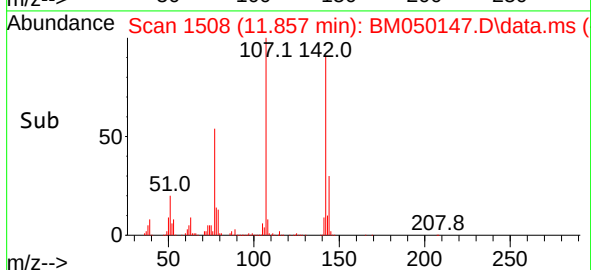
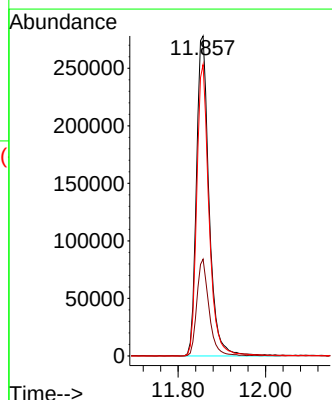
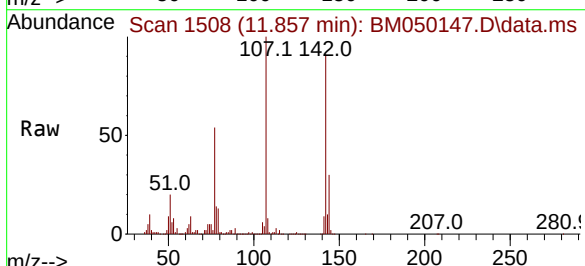
Tgt Ion:107 Resp: 560083

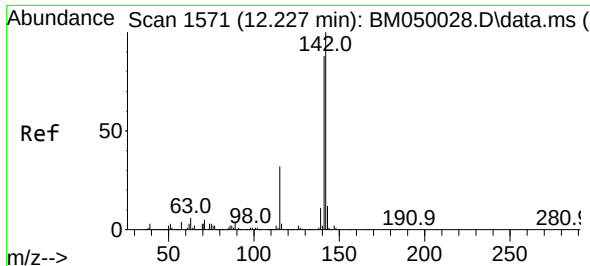
Ion Ratio Lower Upper

107 100

144 30.3 23.8 35.6

142 91.1 71.9 107.9





#37

2-Methylnaphthalene

Concen: 40.394 ng

RT: 12.198 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

Instrument :

BNA_M

ClientSampleId :

MH-LLMSD

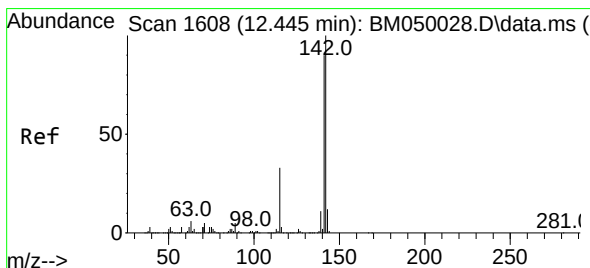
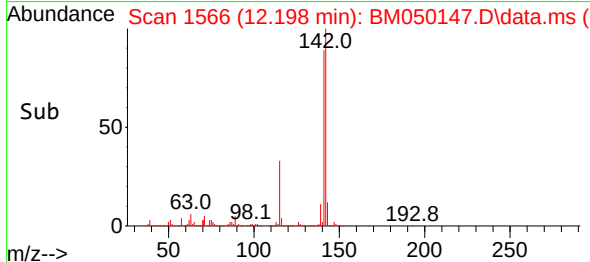
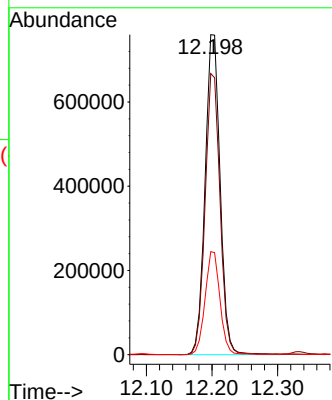
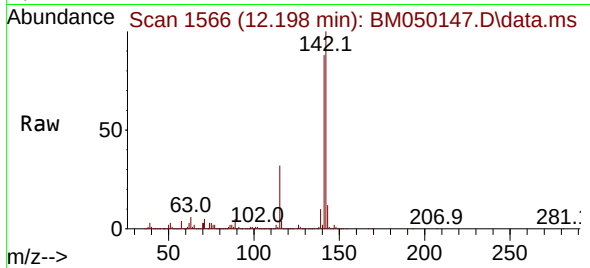
Tgt Ion:142 Resp: 1213064

Ion Ratio Lower Upper

142 100

141 87.8 70.4 105.6

115 32.2 25.4 38.2



#38

1-Methylnaphthalene

Concen: 39.949 ng

RT: 12.422 min Scan# 1604

Delta R.T. -0.000 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

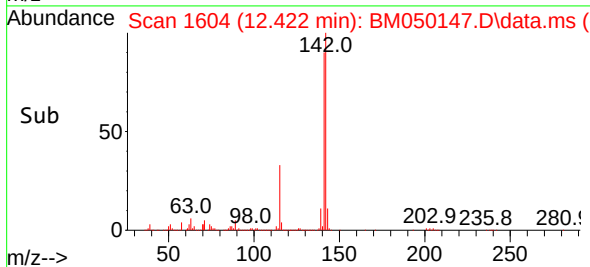
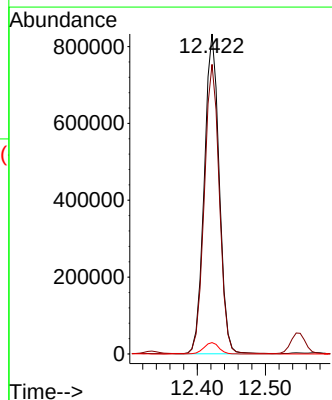
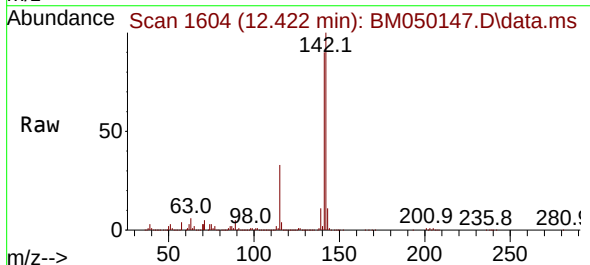
Tgt Ion:142 Resp: 1269611

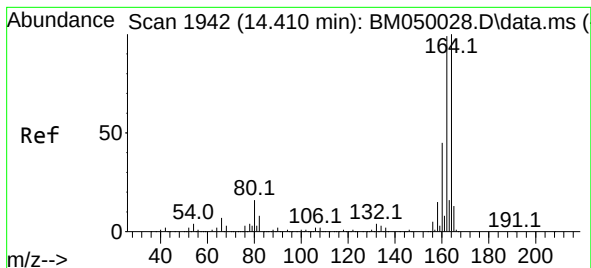
Ion Ratio Lower Upper

142 100

141 90.5 72.1 108.1

116 3.6 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.386 min Scan# 1942

Delta R.T. -0.006 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

Instrument :

BNA_M

ClientSampleId :

MH-LLMSD

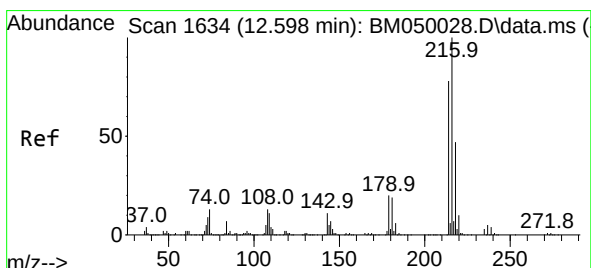
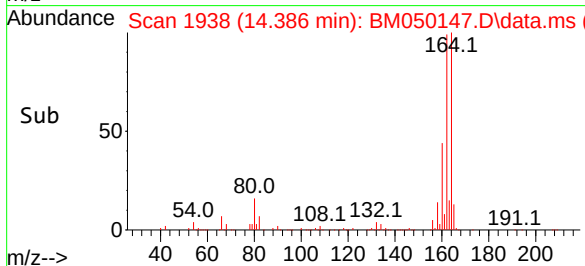
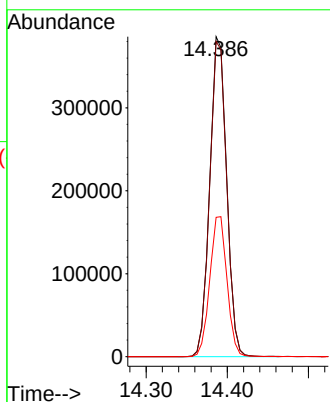
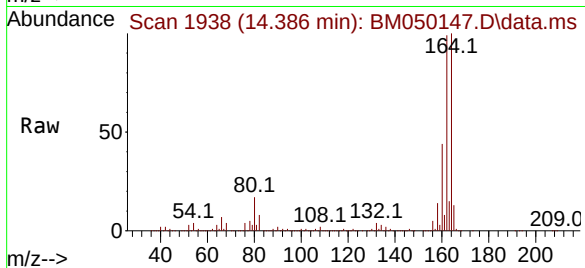
Tgt Ion:164 Resp: 556753

Ion Ratio Lower Upper

164 100

162 98.5 79.4 119.0

160 43.6 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.251 ng

RT: 12.575 min Scan# 1630

Delta R.T. -0.006 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

Tgt Ion:216 Resp: 833595

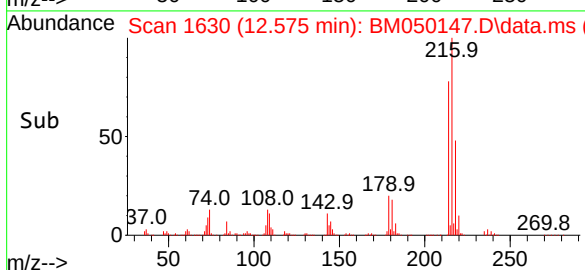
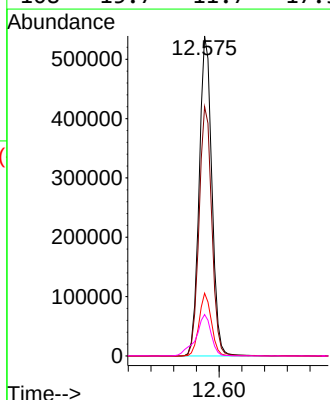
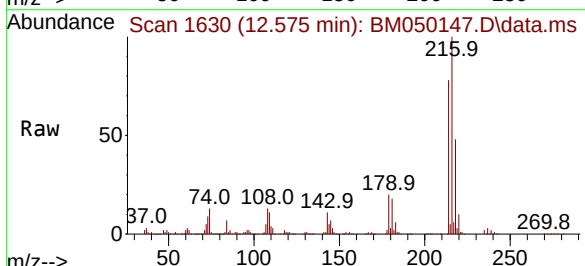
Ion Ratio Lower Upper

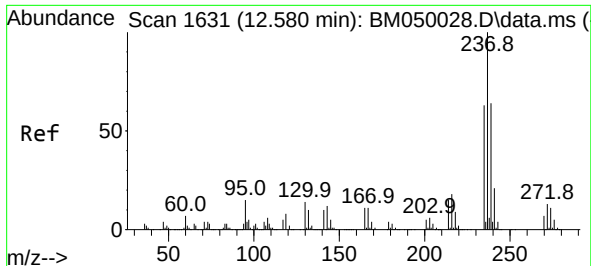
216 100

214 78.5 62.3 93.5

179 19.2 15.4 23.0

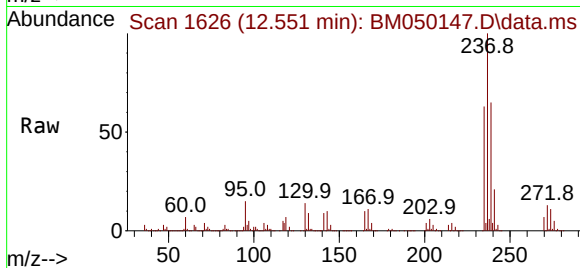
108 15.7 11.7 17.5



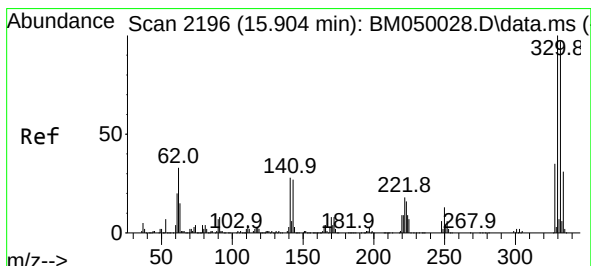
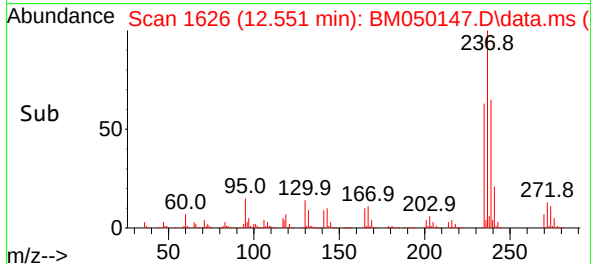
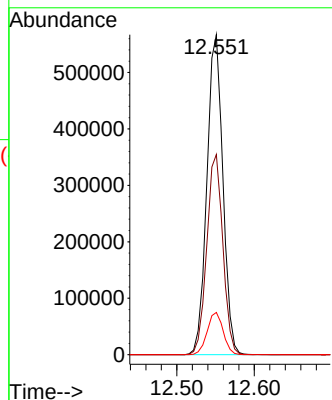


#41
Hexachlorocyclopentadiene
Concen: 68.825 ng
RT: 12.551 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Instrument :
BNA_M
ClientSampleId :
MH-LLMSD

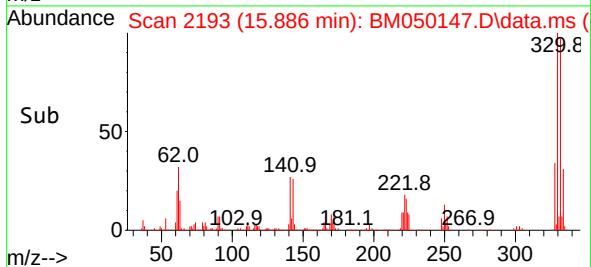
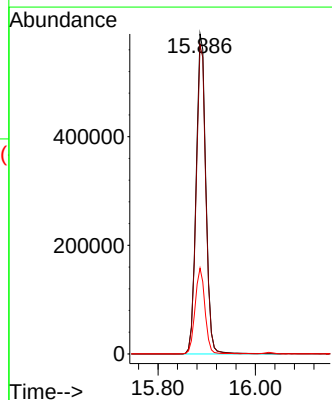
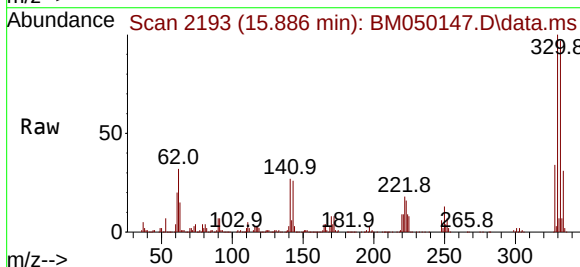


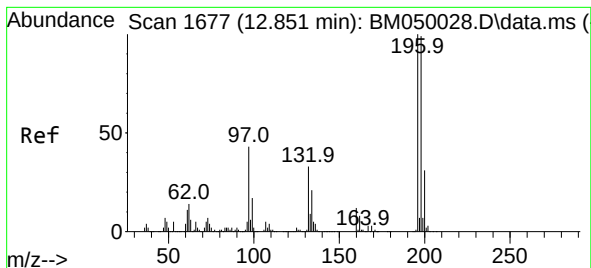
Tgt Ion:237 Resp: 810639
Ion Ratio Lower Upper
237 100
235 62.6 42.9 82.9
272 13.2 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 99.732 ng
RT: 15.886 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Tgt Ion:330 Resp: 821030
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 27.4 22.5 33.7





#43

2,4,6-Trichlorophenol

Concen: 44.513 ng

RT: 12.827 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

Instrument :

BNA_M

ClientSampleId :

MH-LLMSD

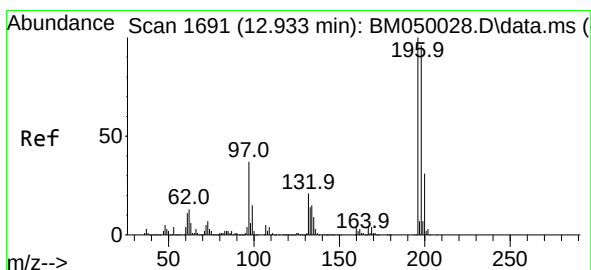
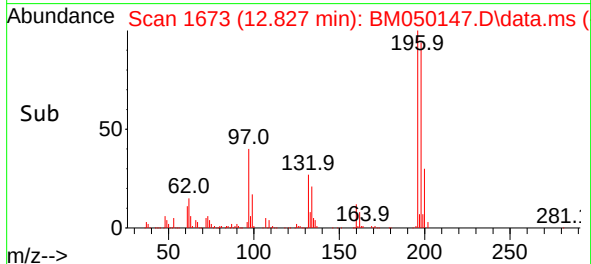
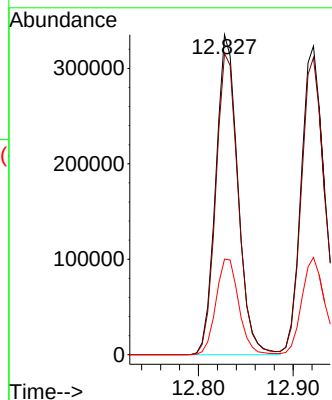
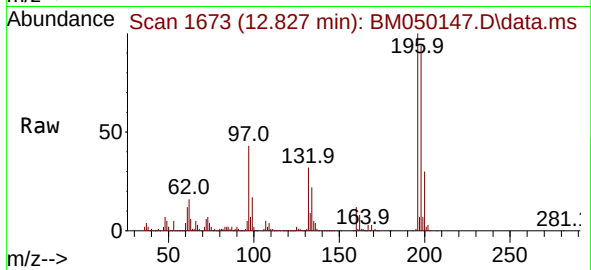
Tgt Ion:196 Resp: 544147

Ion Ratio Lower Upper

196 100

198 94.1 79.0 118.6

200 29.9 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 44.383 ng

RT: 12.922 min Scan# 1689

Delta R.T. -0.000 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

Tgt Ion:196 Resp: 585065

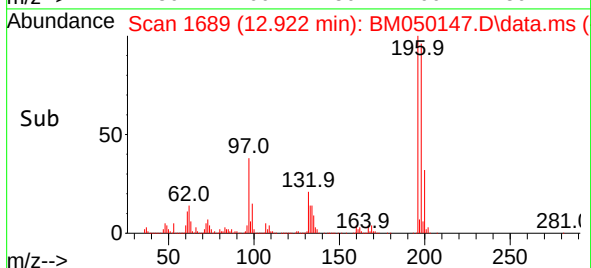
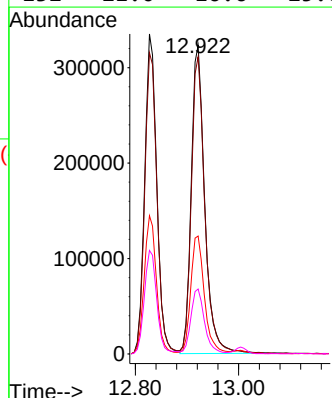
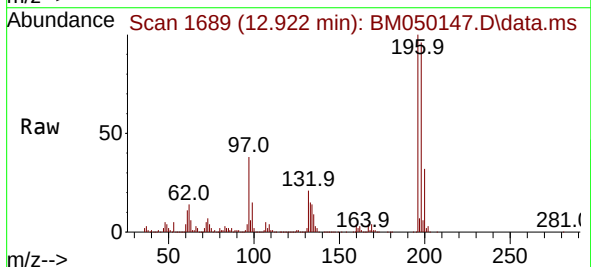
Ion Ratio Lower Upper

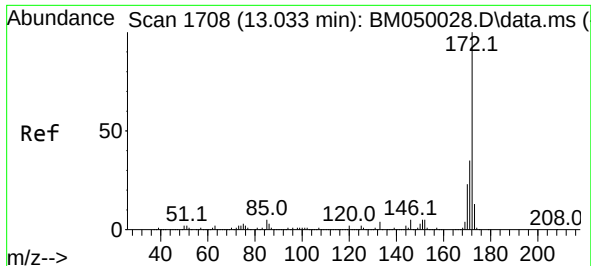
196 100

198 96.3 76.7 115.1

97 38.2 30.1 45.1

132 21.0 16.6 25.0

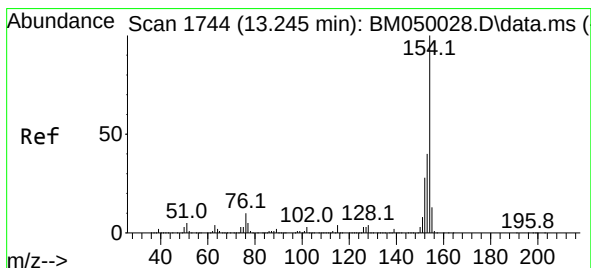
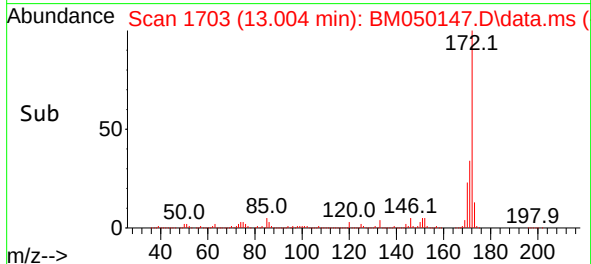
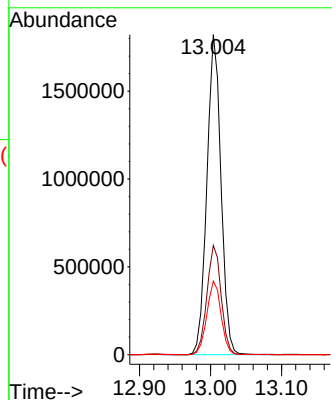
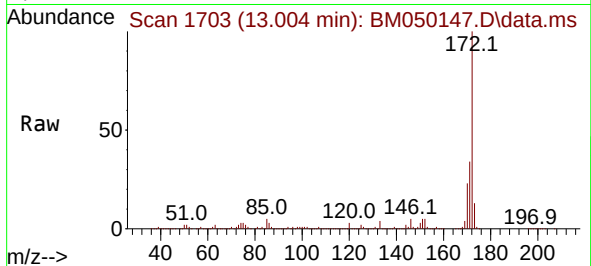




#45
2-Fluorobiphenyl
Concen: 53.437 ng
RT: 13.004 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

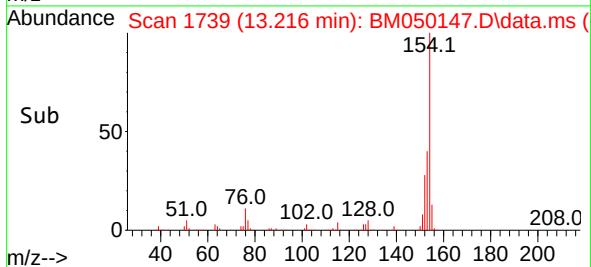
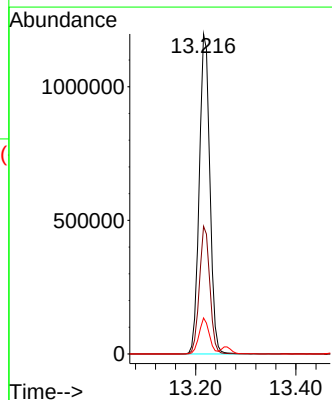
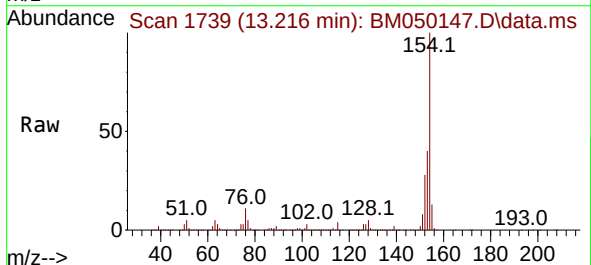
Instrument :
BNA_M
ClientSampleId :
MH-LLMSD

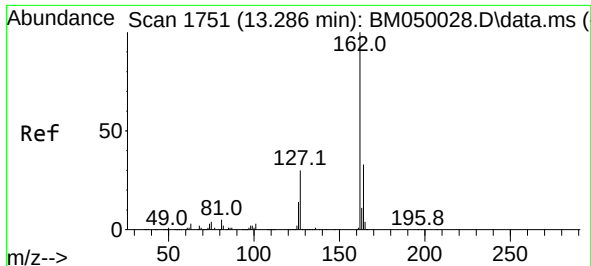
Tgt Ion:172 Resp: 2514924
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.6
170 23.0 18.6 28.0



#46
1,1'-Biphenyl
Concen: 42.246 ng
RT: 13.216 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Tgt Ion:154 Resp: 1748393
Ion Ratio Lower Upper
154 100
153 39.9 20.0 60.0
76 11.3 0.0 30.3

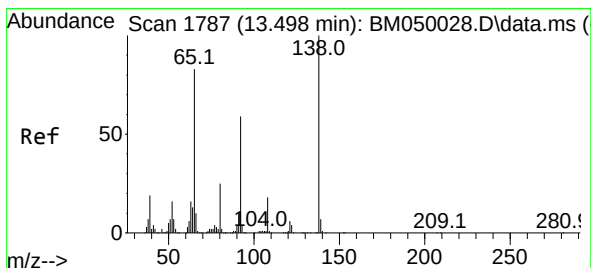
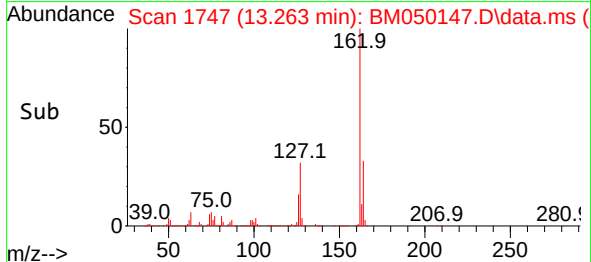
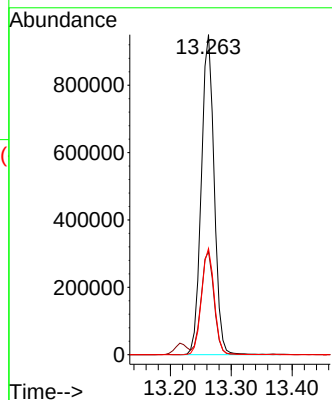
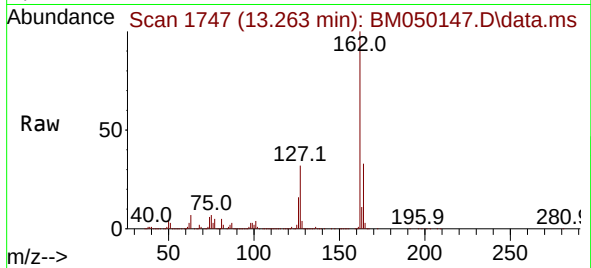




#47
2-Chloronaphthalene
Concen: 42.545 ng
RT: 13.263 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

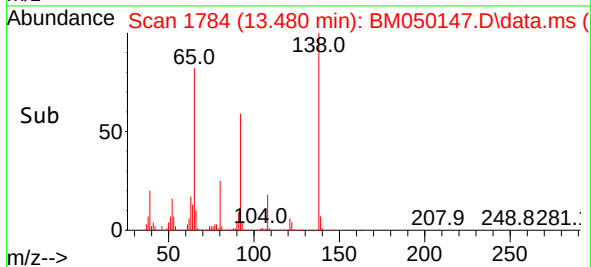
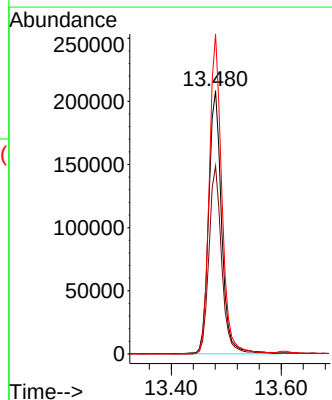
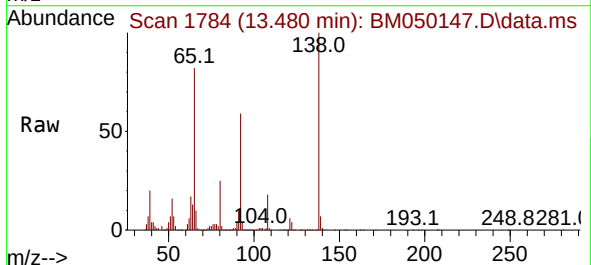
Instrument :
BNA_M
ClientSampleId :
MH-LLMSD

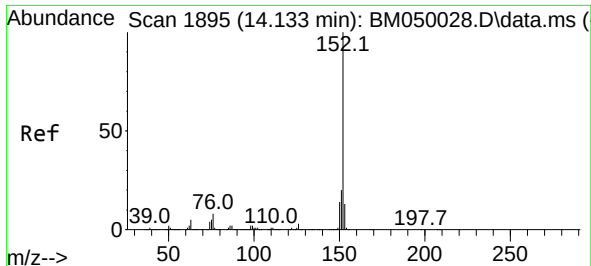
Tgt Ion:162 Resp: 1394532
Ion Ratio Lower Upper
162 100
127 32.2 25.9 38.9
164 33.2 26.6 40.0



#48
2-Nitroaniline
Concen: 44.229 ng
RT: 13.480 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Tgt Ion: 65 Resp: 340250
Ion Ratio Lower Upper
65 100
92 71.4 57.1 85.7
138 121.6 97.0 145.4

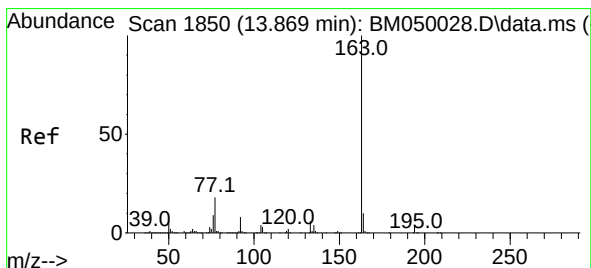
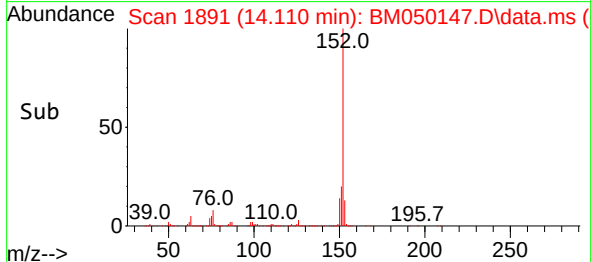
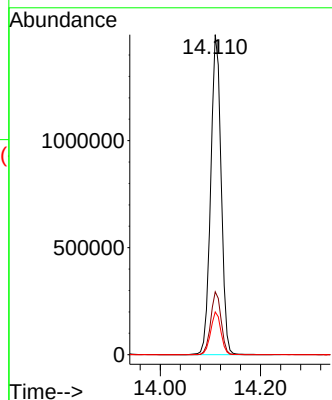
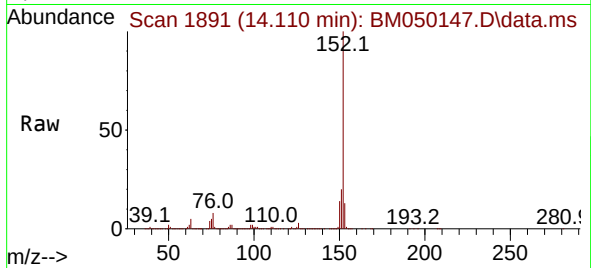




#49
Acenaphthylene
Concen: 41.840 ng
RT: 14.110 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

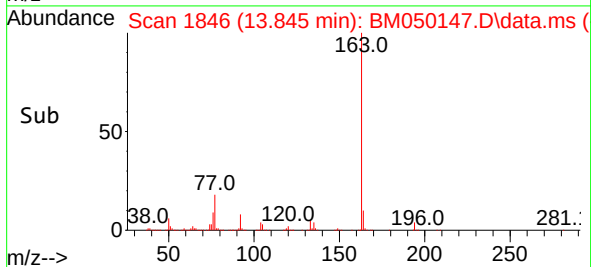
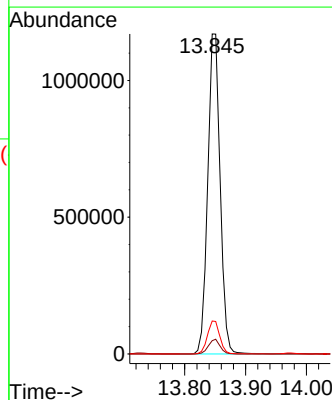
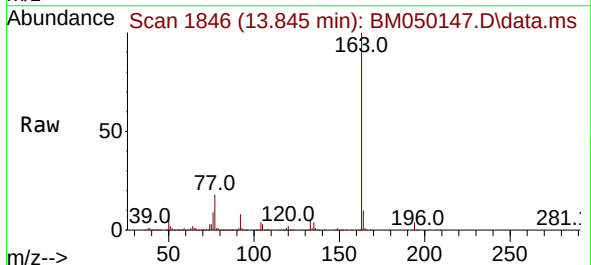
Instrument :
BNA_M
ClientSampleId :
MH-LLMSD

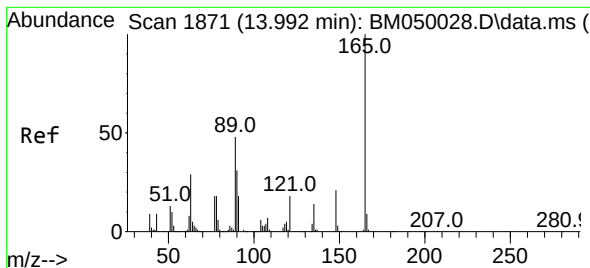
Tgt Ion:152 Resp: 2162339
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.4 10.6 15.8



#50
Dimethylphthalate
Concen: 40.686 ng
RT: 13.845 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Tgt Ion:163 Resp: 1655423
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.3 8.2 12.2

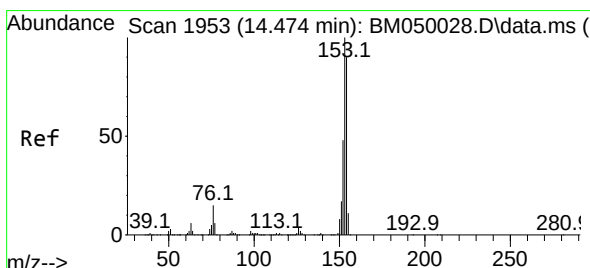
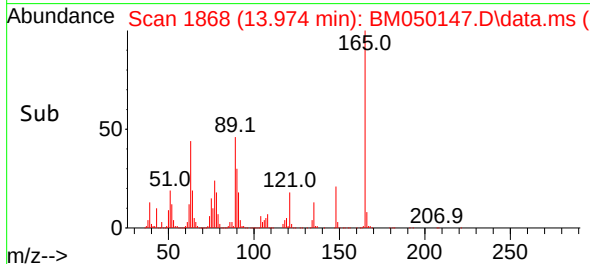
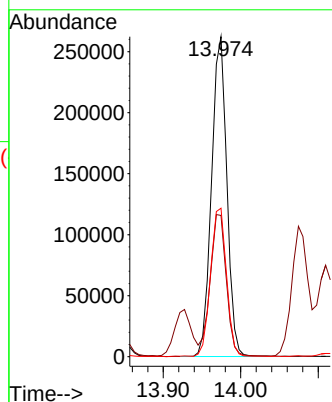
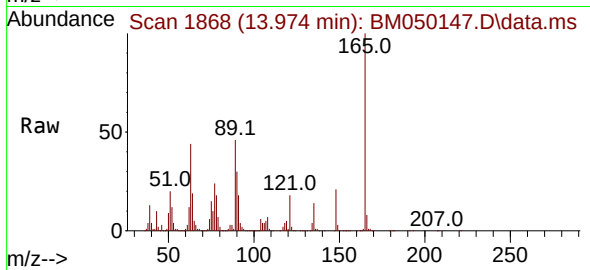




#51
2,6-Dinitrotoluene
Concen: 42.724 ng
RT: 13.974 min Scan# 1868
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

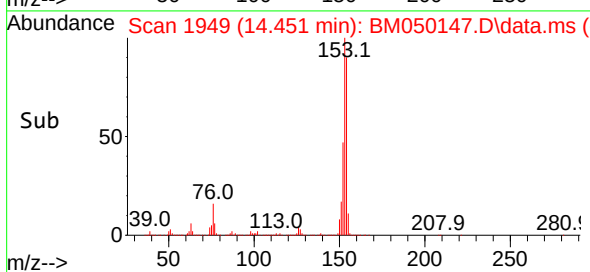
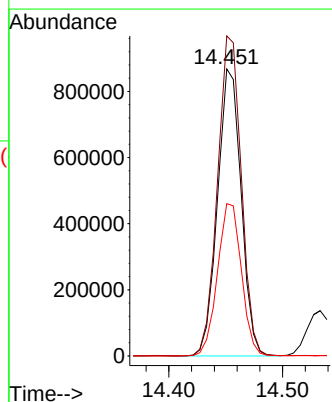
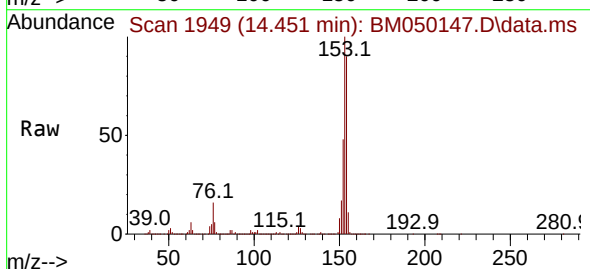
Instrument :
BNA_M
ClientSampleId :
MH-LLMSD

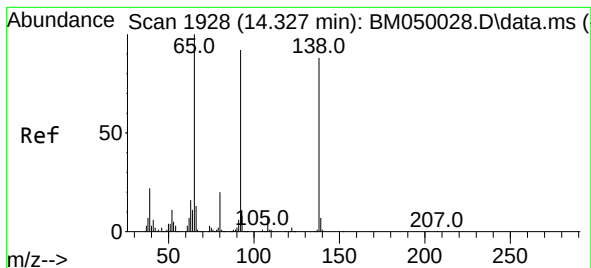
Tgt Ion:165 Resp: 359914
Ion Ratio Lower Upper
165 100
63 44.2 35.1 52.7
89 46.4 38.4 57.6



#52
Acenaphthene
Concen: 41.908 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Tgt Ion:154 Resp: 1253654
Ion Ratio Lower Upper
154 100
153 111.5 89.0 133.4
152 53.1 43.0 64.6

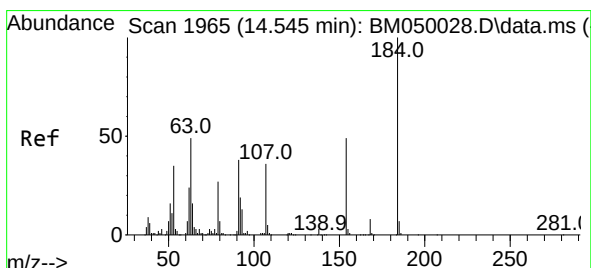
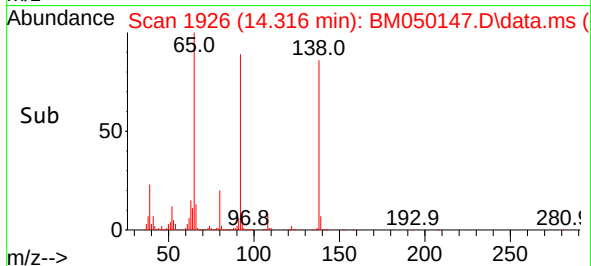
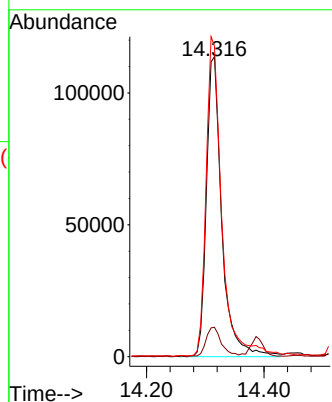
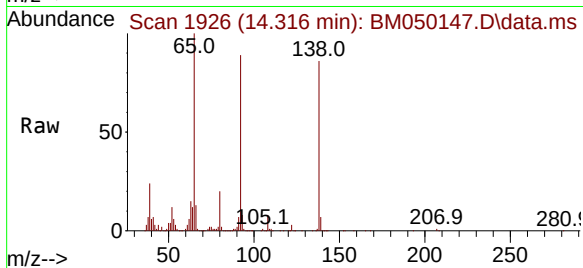




#53
3-Nitroaniline
Concen: 25.665 ng
RT: 14.316 min Scan# 1926
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

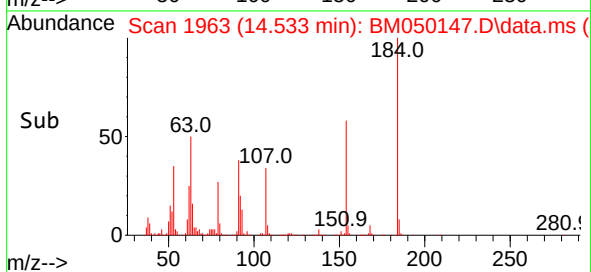
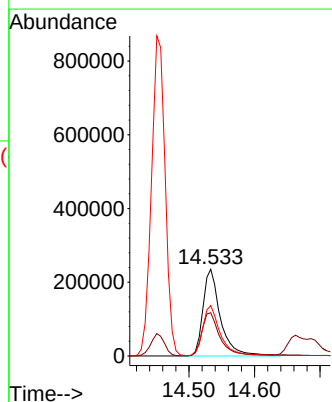
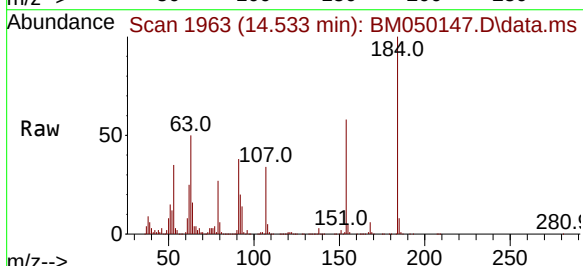
Instrument :
BNA_M
ClientSampleId :
MH-LLMSD

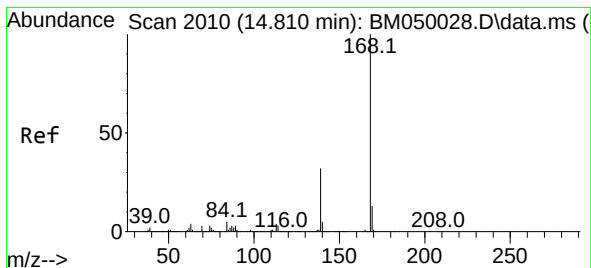
Tgt Ion:138 Resp: 206422
Ion Ratio Lower Upper
138 100
108 9.8 7.4 11.2
92 103.6 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 80.794 ng
RT: 14.533 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Tgt Ion:184 Resp: 435912
Ion Ratio Lower Upper
184 100
63 49.9 39.8 59.6
154 58.2 46.1 69.1





#55

Dibenzenofuran

Concen: 41.059 ng

RT: 14.792 min Scan# 2010

Delta R.T. -0.000 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

Instrument :

BNA_M

ClientSampleId :

MH-LLMSD

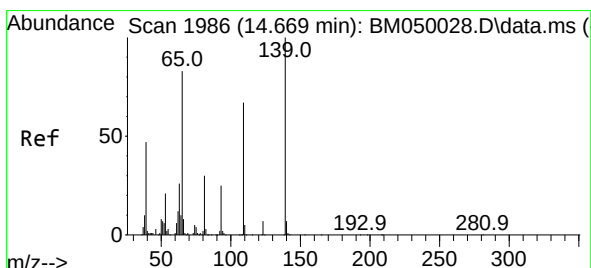
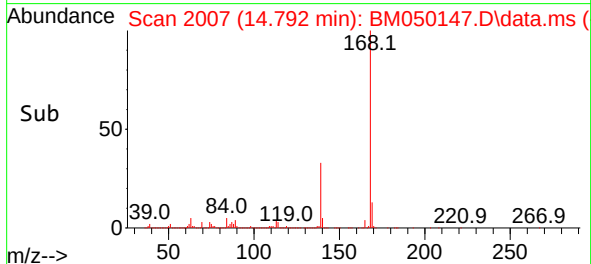
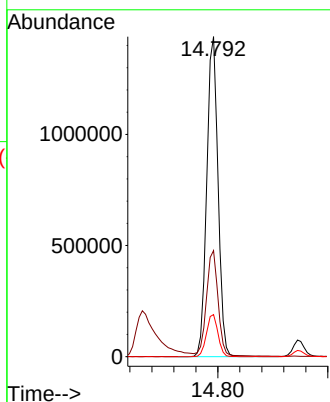
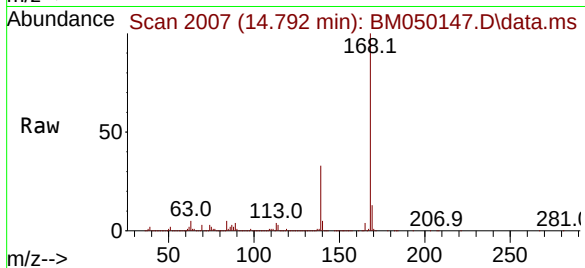
Tgt Ion:168 Resp: 2043574

Ion Ratio Lower Upper

168 100

139 33.2 26.1 39.1

169 13.2 10.8 16.2



#56

4-Nitrophenol

Concen: 83.663 ng

RT: 14.663 min Scan# 1985

Delta R.T. -0.006 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

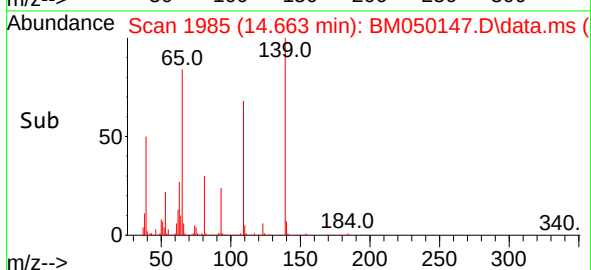
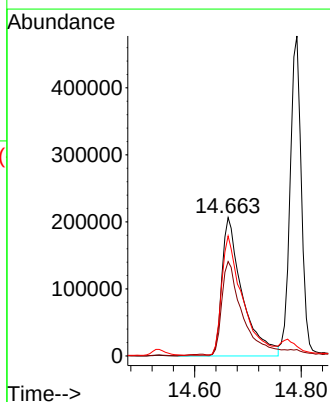
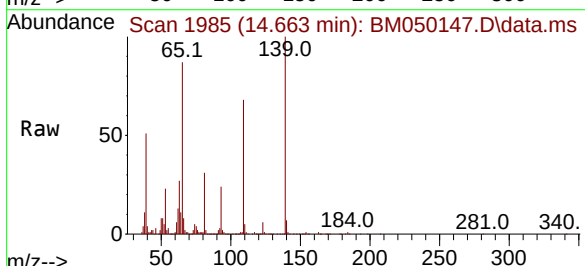
Tgt Ion:139 Resp: 548863

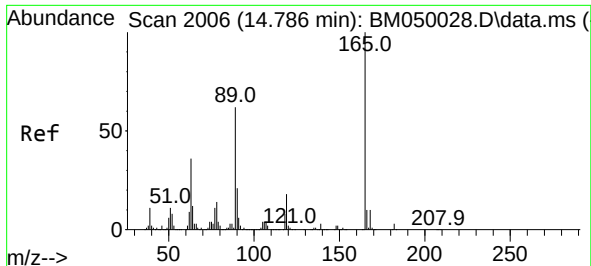
Ion Ratio Lower Upper

139 100

109 68.2 47.0 87.0

65 86.6 64.3 104.3

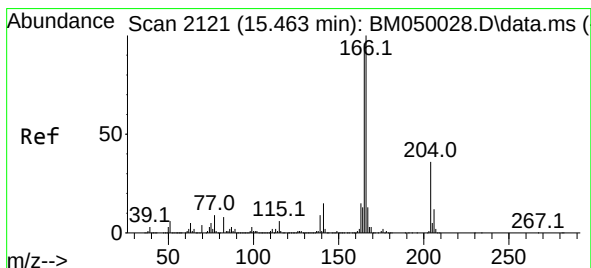
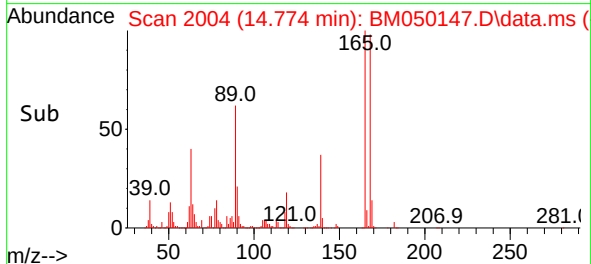
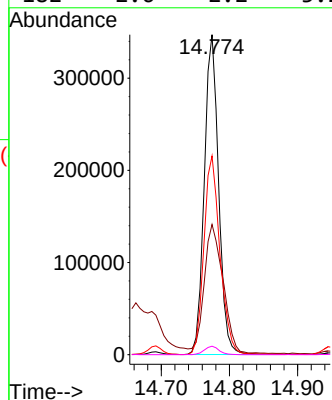
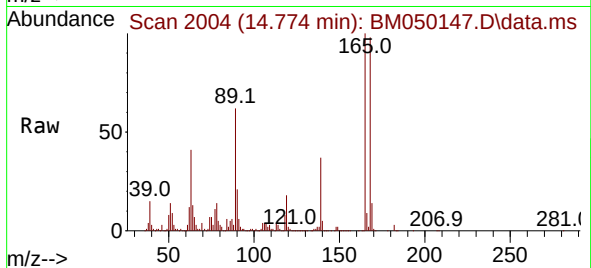




#57
2,4-Dinitrotoluene
Concen: 43.550 ng
RT: 14.774 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

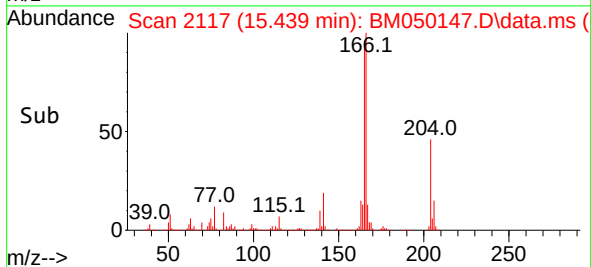
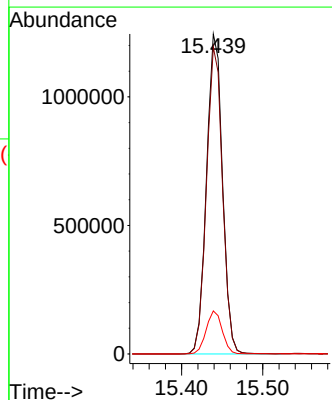
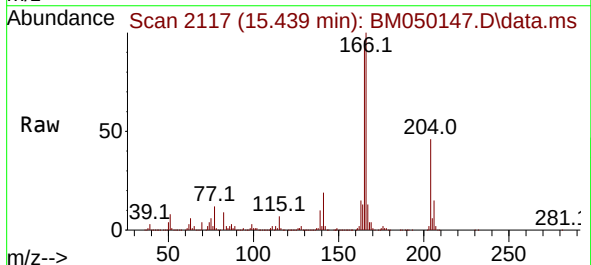
Instrument :
BNA_M
ClientSampleId :
MH-LLMSD

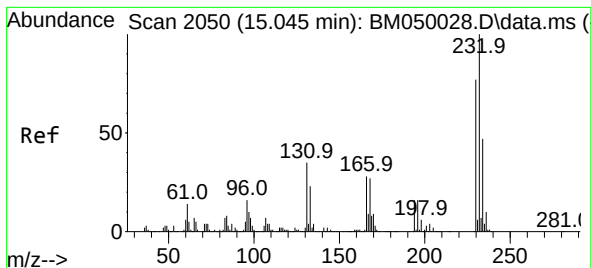
Tgt Ion:165 Resp: 506950
Ion Ratio Lower Upper
165 100
63 40.7 29.0 43.6
89 62.1 49.4 74.2
182 2.6 2.2 3.2



#58
Fluorene
Concen: 41.709 ng
RT: 15.439 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Tgt Ion:166 Resp: 1699192
Ion Ratio Lower Upper
166 100
165 95.9 76.6 115.0
167 13.5 10.6 16.0

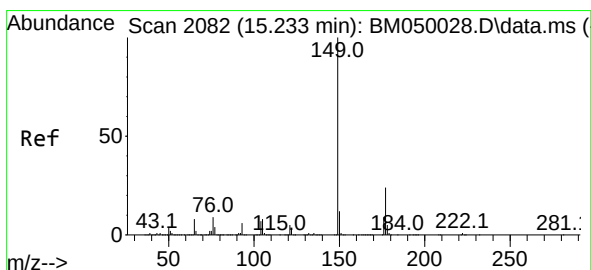
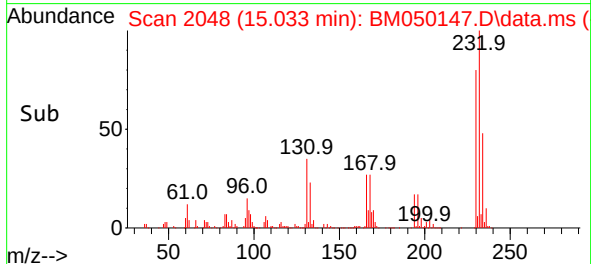
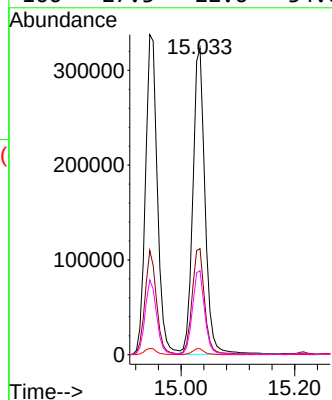
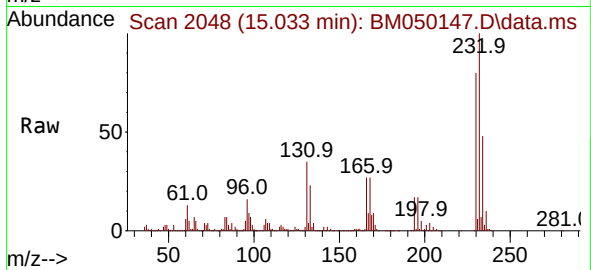




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.159 ng
RT: 15.033 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

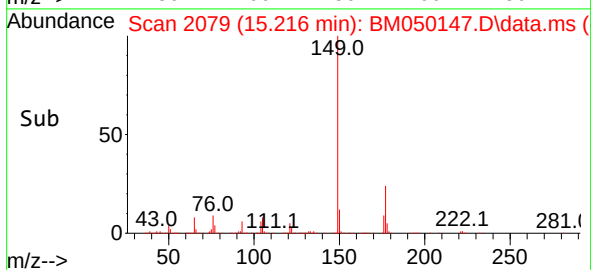
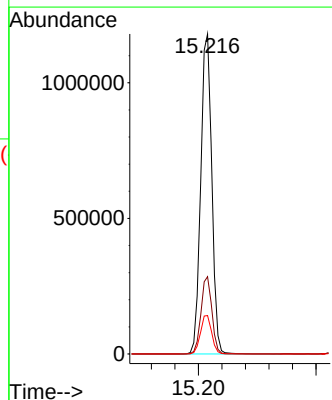
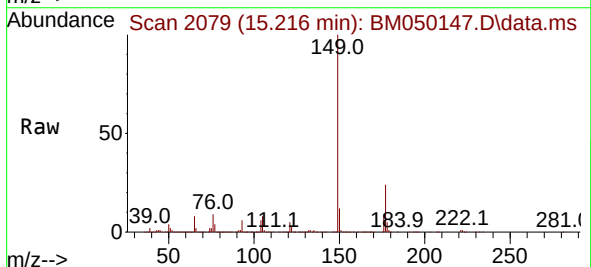
Instrument :
BNA_M
ClientSampleId :
MH-LLMSD

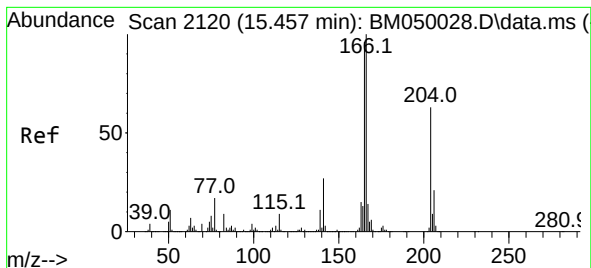
Tgt Ion:232 Resp: 481053
Ion Ratio Lower Upper
232 100
131 35.3 28.2 42.4
130 2.0 1.5 2.3
166 27.3 22.6 34.0



#60
Diethylphthalate
Concen: 40.175 ng
RT: 15.216 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Tgt Ion:149 Resp: 1540274
Ion Ratio Lower Upper
149 100
177 24.1 19.1 28.7
150 12.0 9.6 14.4

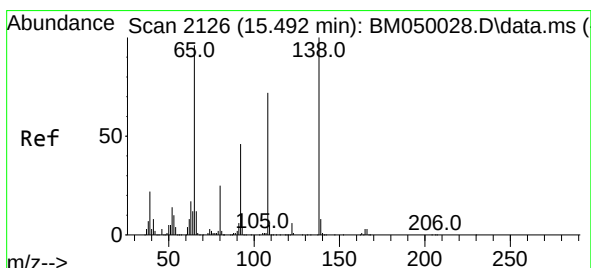
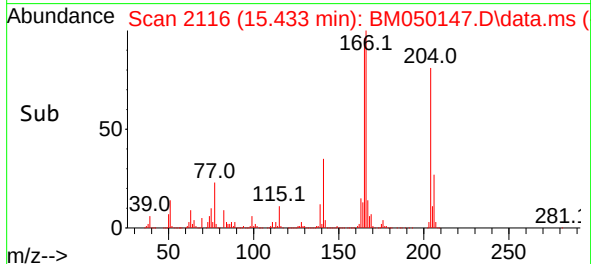
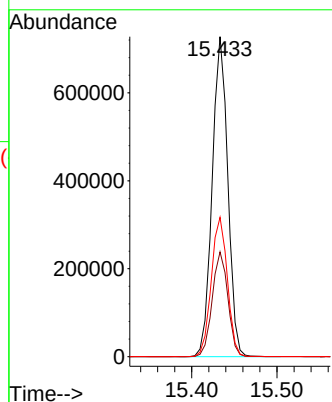
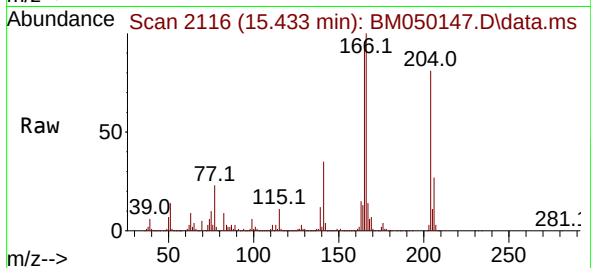




#61
4-Chlorophenyl-phenylether
Concen: 41.368 ng
RT: 15.433 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

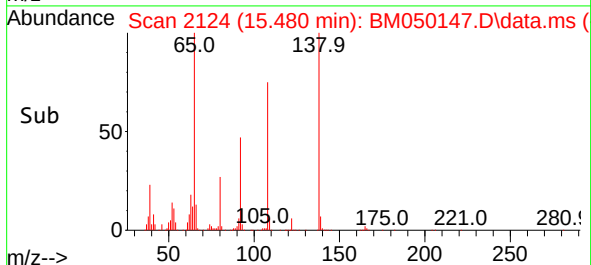
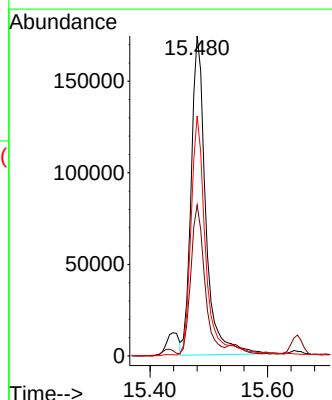
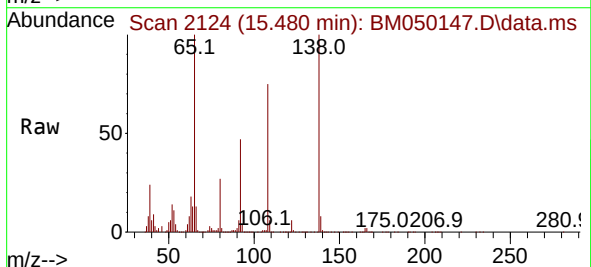
Instrument :
BNA_M
ClientSampleId :
MH-LLMSD

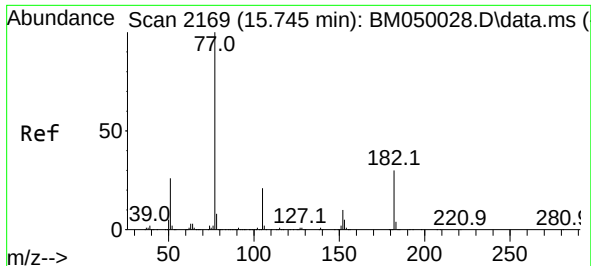
Tgt Ion:204 Resp: 925658
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 43.5 34.0 51.0



#62
4-Nitroaniline
Concen: 38.598 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Tgt Ion:138 Resp: 299512
Ion Ratio Lower Upper
138 100
92 47.2 25.9 65.9
108 75.0 52.4 92.4



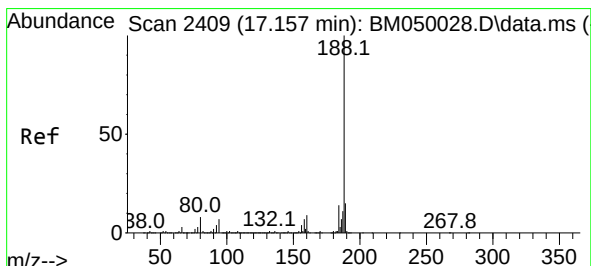
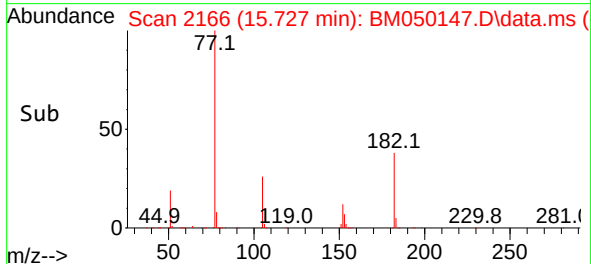
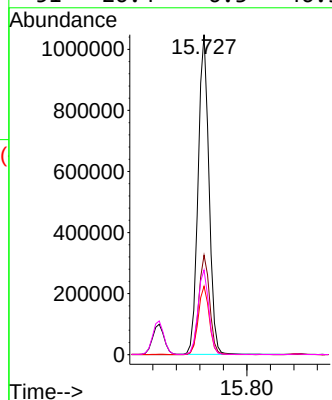
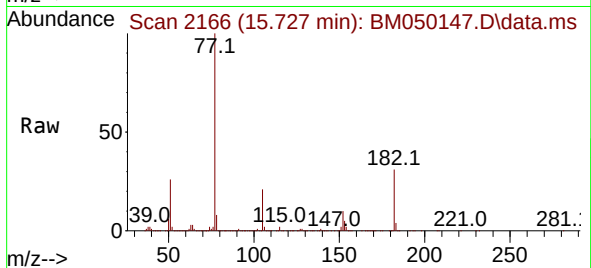


#63
Azobenzene
Concen: 41.722 ng
RT: 15.727 min Scan# 2166
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Instrument :
BNA_M
ClientSampleId :
MH-LLMSD

Tgt Ion: 77 Resp: 1340591

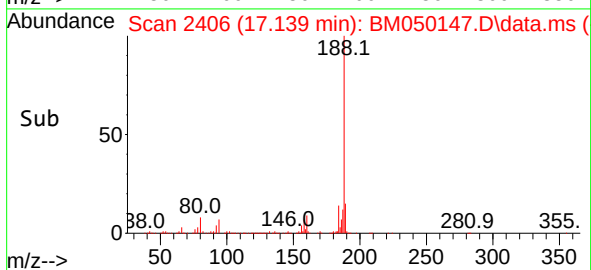
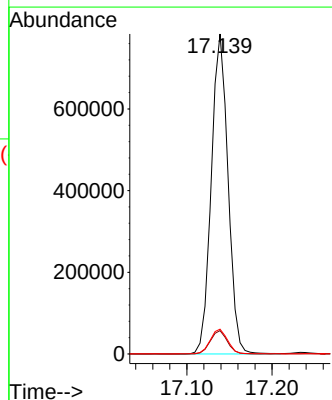
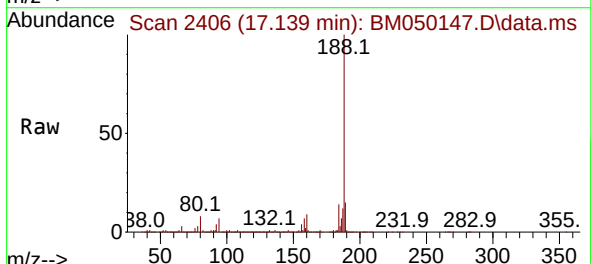
Ion	Ratio	Lower	Upper
77	100		
182	31.1	10.5	50.5
105	21.4	1.1	41.1
51	26.4	6.3	46.3

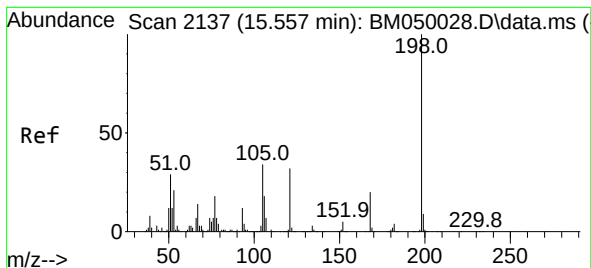


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Tgt Ion:188 Resp: 1069463

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.7	8.5
80	7.8	6.2	9.4

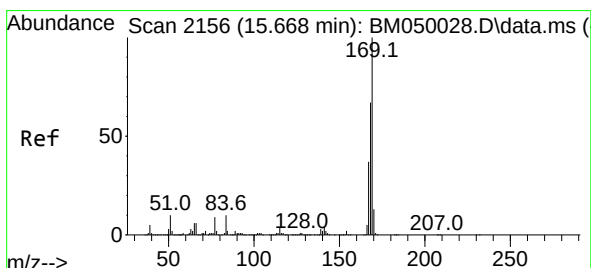
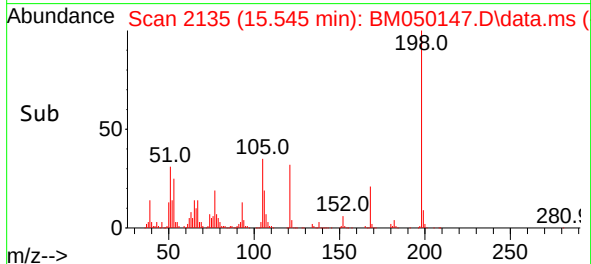
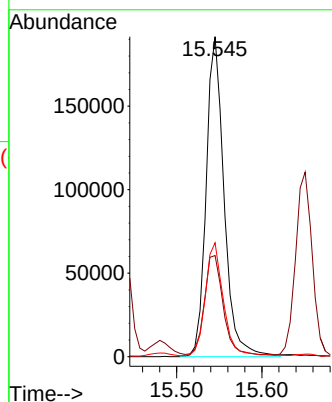
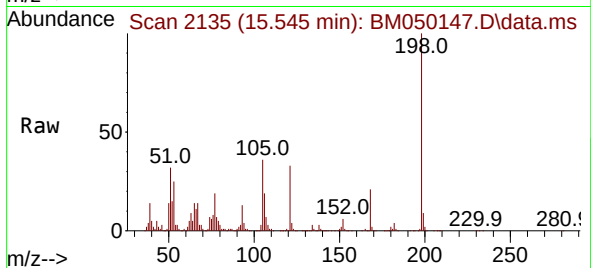




#65
4,6-Dinitro-2-methylphenol
Concen: 41.801 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

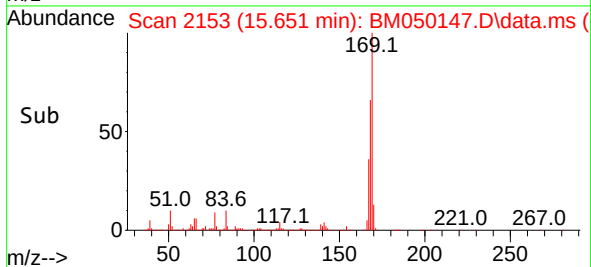
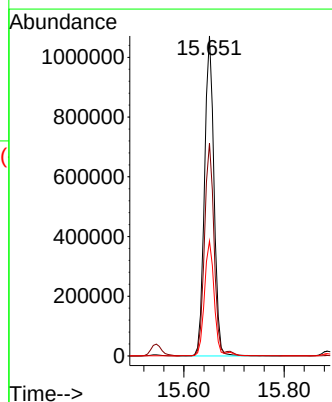
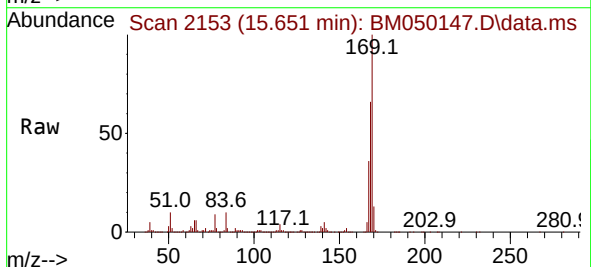
Instrument :
BNA_M
ClientSampleId :
MH-LLMSD

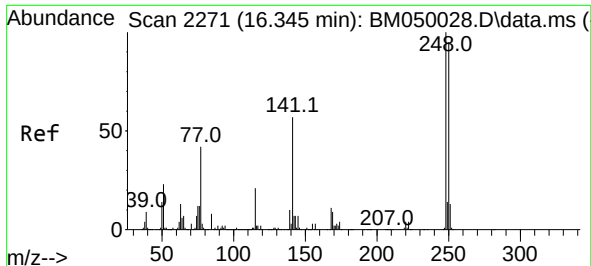
Tgt Ion:198 Resp: 279835
Ion Ratio Lower Upper
198 100
51 31.6 10.4 50.4
105 35.6 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 42.749 ng
RT: 15.651 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Tgt Ion:169 Resp: 1403891
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.2
167 35.9 29.4 44.0

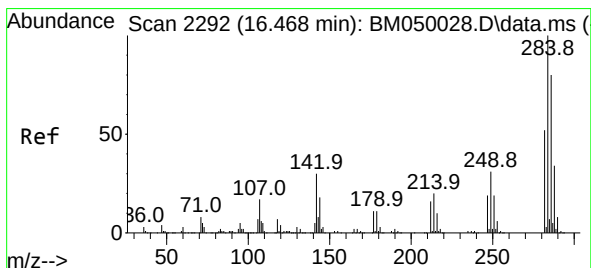
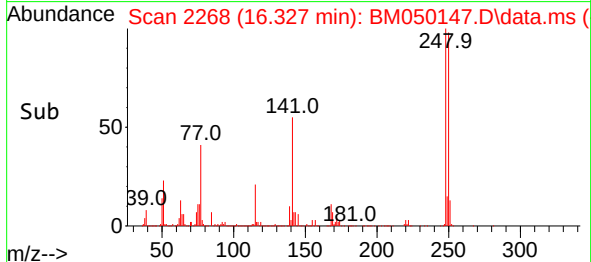
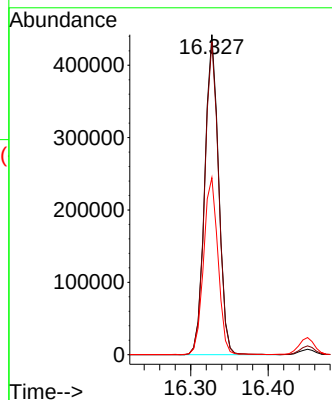
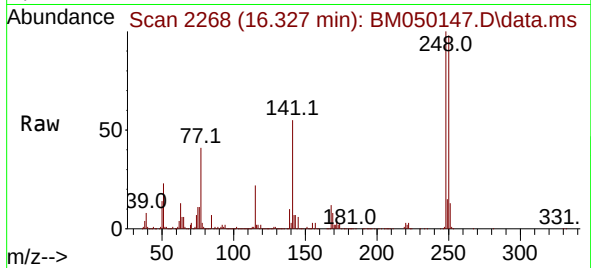




#67
4-Bromophenyl-phenylether
Concen: 42.387 ng
RT: 16.327 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

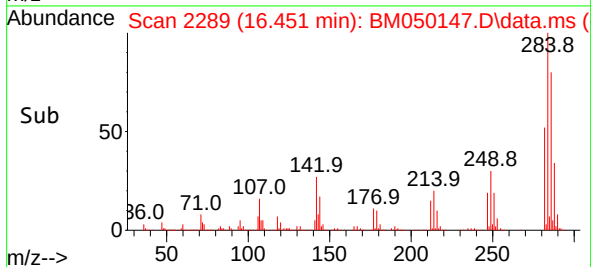
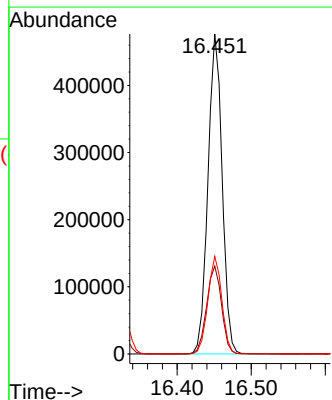
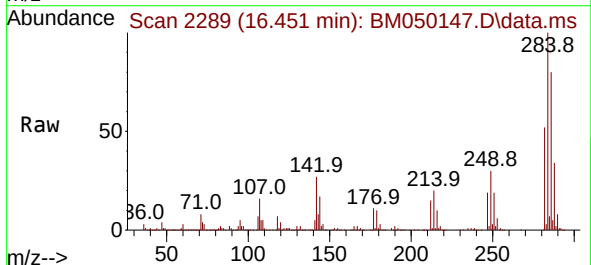
Instrument :
BNA_M
ClientSampleId :
MH-LLMSD

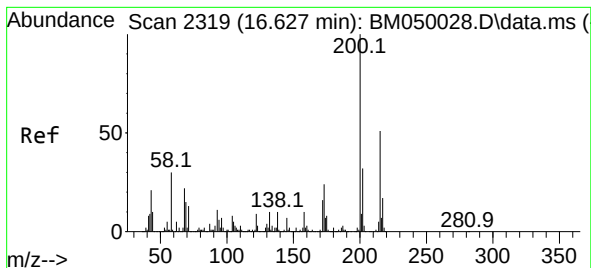
Tgt Ion:248 Resp: 548181
Ion Ratio Lower Upper
248 100
250 97.8 76.2 114.2
141 55.3 45.9 68.9



#68
Hexachlorobenzene
Concen: 42.614 ng
RT: 16.451 min Scan# 2289
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Tgt Ion:284 Resp: 635267
Ion Ratio Lower Upper
284 100
142 27.5 23.9 35.9
249 30.5 24.5 36.7





#69

Atrazine

Concen: 42.756 ng

RT: 16.610 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

Instrument :

BNA_M

ClientSampleId :

MH-LLMSD

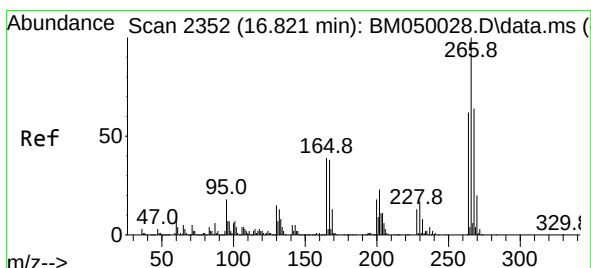
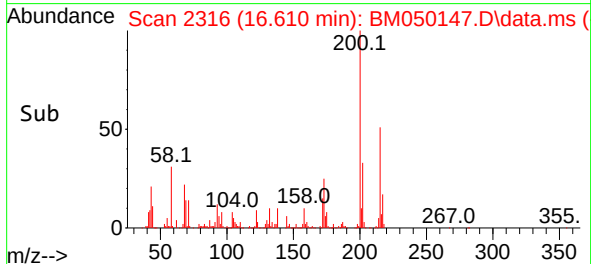
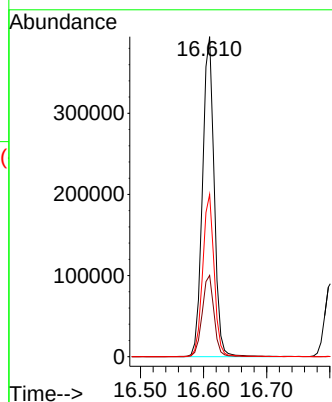
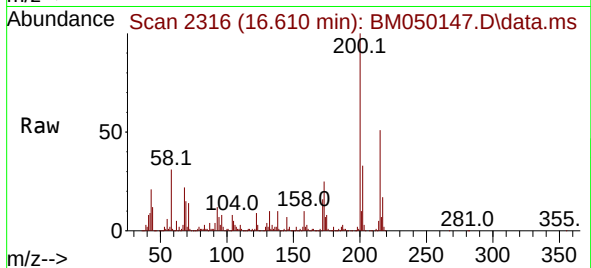
Tgt Ion:200 Resp: 506484

Ion Ratio Lower Upper

200 100

173 25.4 4.3 44.3

215 50.7 30.6 70.6



#70

Pentachlorophenol

Concen: 97.109 ng

RT: 16.804 min Scan# 2349

Delta R.T. -0.006 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

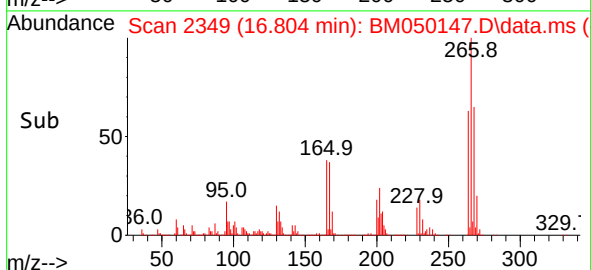
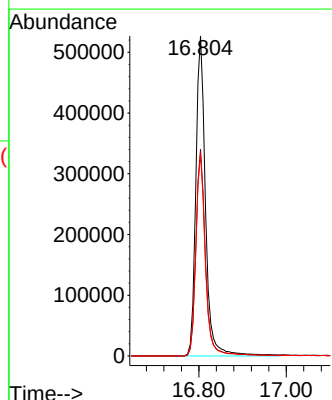
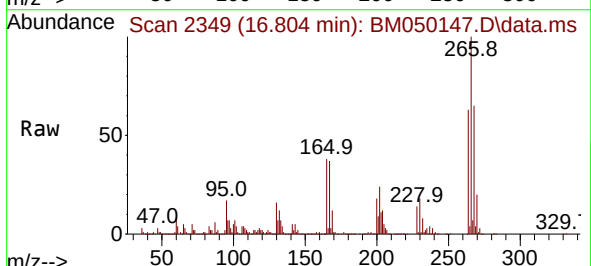
Tgt Ion:266 Resp: 814874

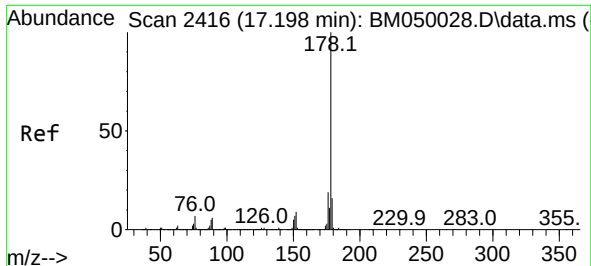
Ion Ratio Lower Upper

266 100

268 64.6 51.2 76.8

264 63.4 49.6 74.4

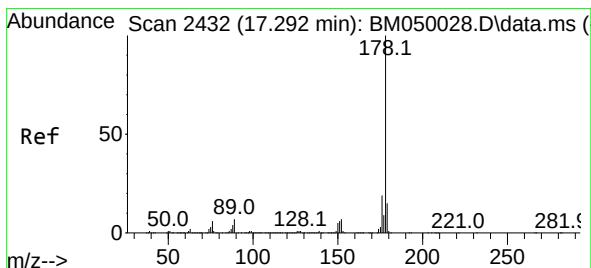
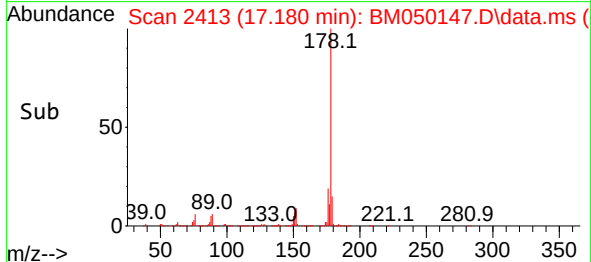
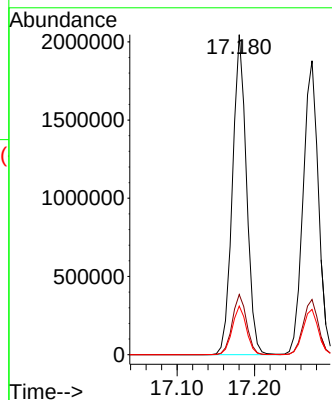
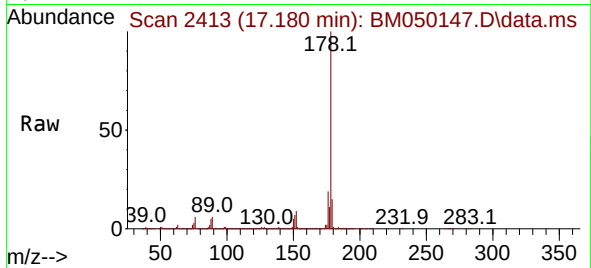




#71
Phenanthrene
Concen: 42.759 ng
RT: 17.180 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

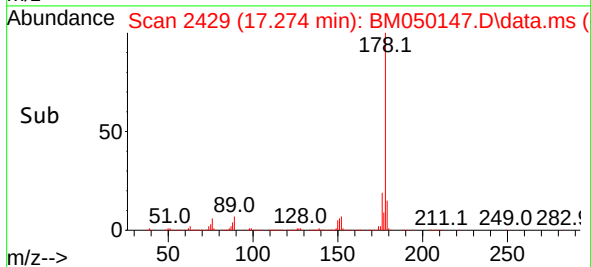
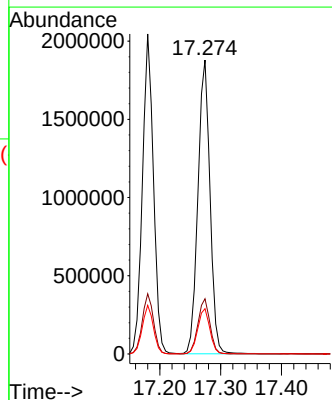
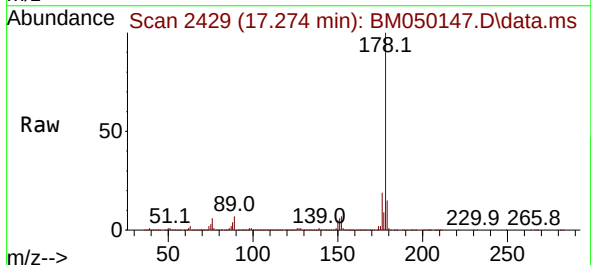
Instrument :
BNA_M
ClientSampleId :
MH-LLMSD

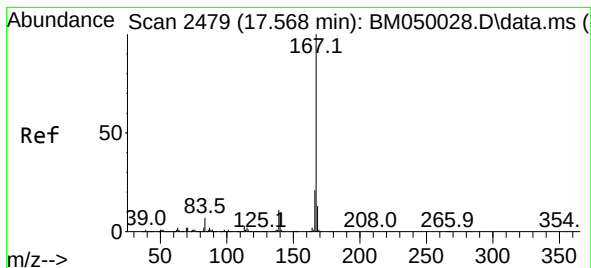
Tgt Ion:178 Resp: 2579206
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.2 12.4 18.6



#72
Anthracene
Concen: 42.428 ng
RT: 17.274 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Tgt Ion:178 Resp: 2589878
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.4 12.2 18.4





#73

Carbazole

Concen: 43.441 ng

RT: 17.551 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

Instrument :

BNA_M

ClientSampleId :

MH-LLMSD

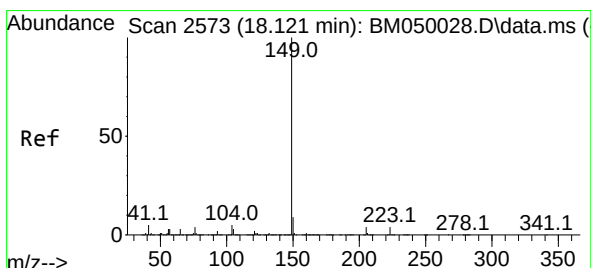
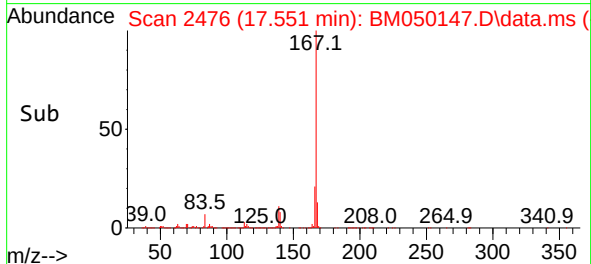
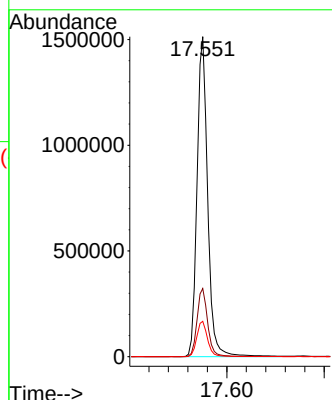
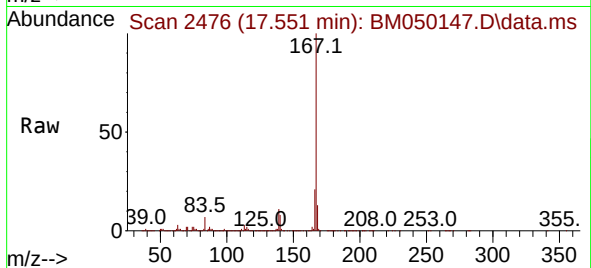
Tgt Ion:167 Resp: 2301037

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 11.1 9.0 13.6



#74

Di-n-butylphthalate

Concen: 42.251 ng

RT: 18.104 min Scan# 2570

Delta R.T. -0.000 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

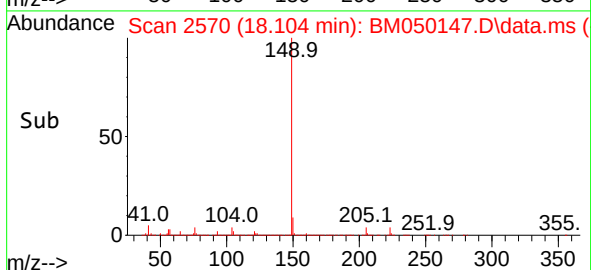
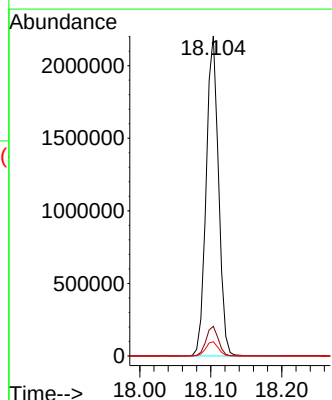
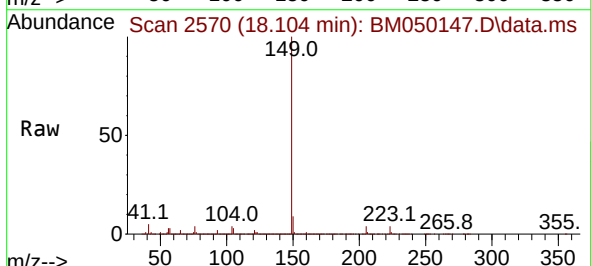
Tgt Ion:149 Resp: 2665191

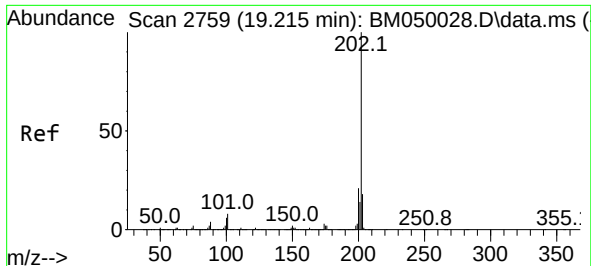
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 4.4 3.8 5.6

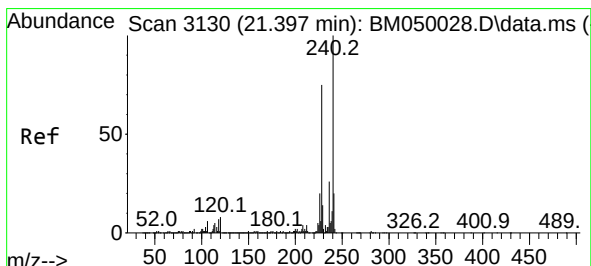
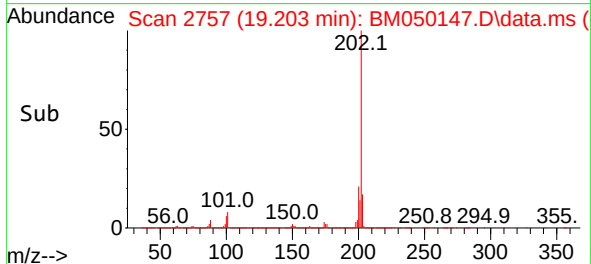
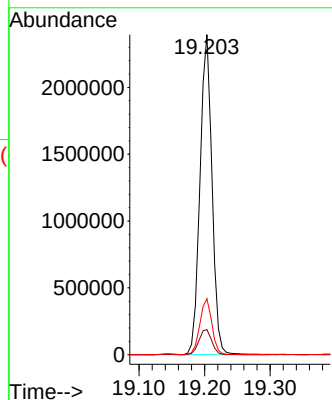
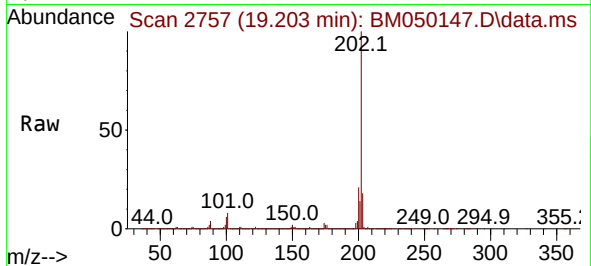




#75
Fluoranthene
Concen: 43.118 ng
RT: 19.203 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

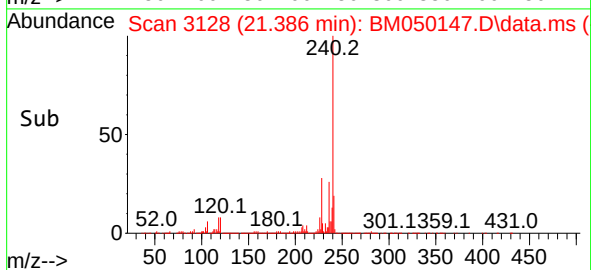
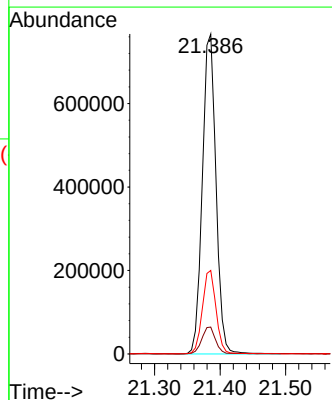
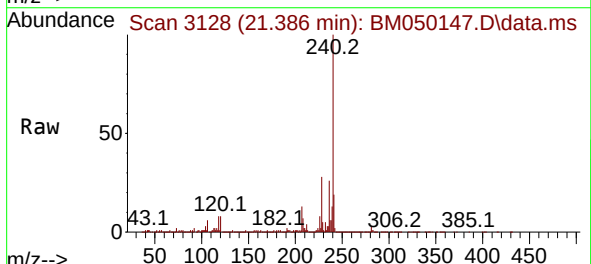
Instrument :
BNA_M
ClientSampleId :
MH-LLMSD

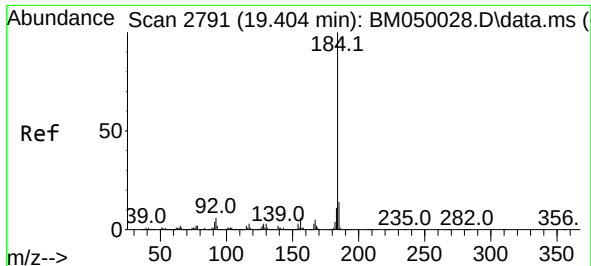
Tgt Ion:202 Resp: 3053515
Ion Ratio Lower Upper
202 100
101 7.9 0.0 28.0
203 17.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Tgt Ion:240 Resp: 1112266
Ion Ratio Lower Upper
240 100
120 8.4 6.5 9.7
236 26.1 20.9 31.3

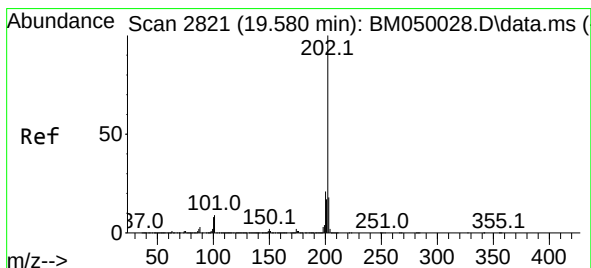
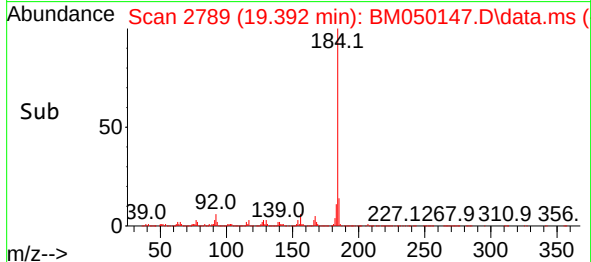
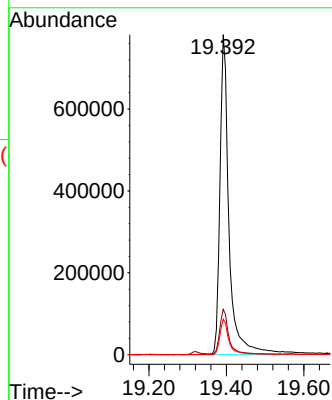
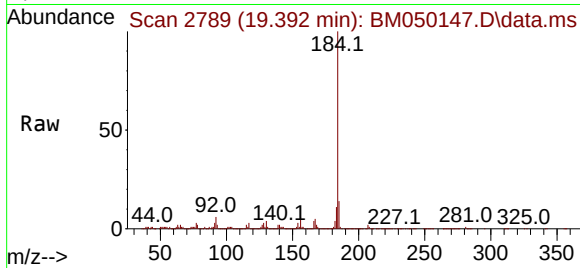




#77
Benzidine
Concen: 32.073 ng
RT: 19.392 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

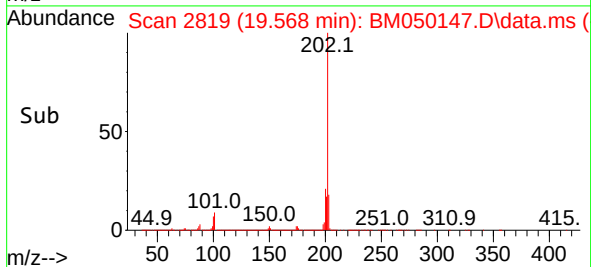
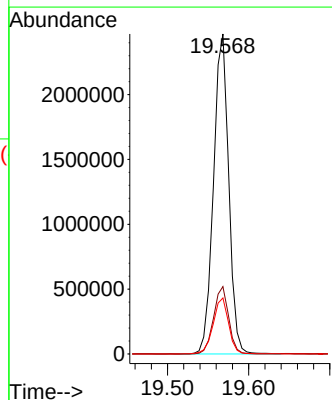
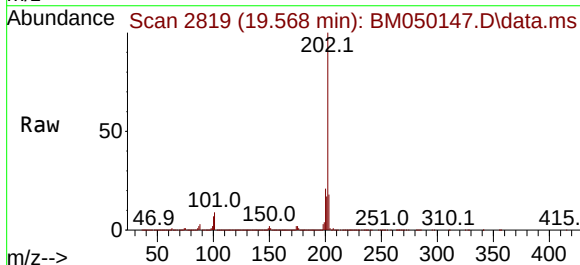
Instrument :
BNA_M
ClientSampleId :
MH-LLMSD

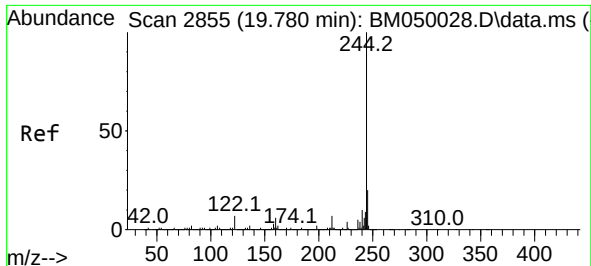
Tgt Ion:184 Resp: 1267141
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.1 8.9 13.3



#78
Pyrene
Concen: 41.027 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

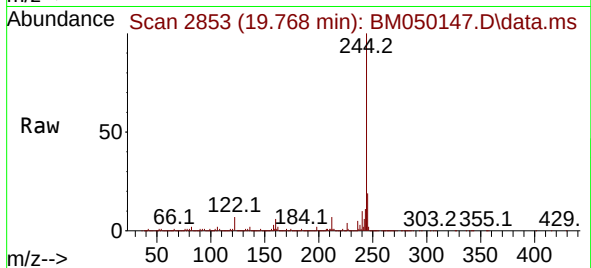
Tgt Ion:202 Resp: 3204476
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 17.5 14.1 21.1



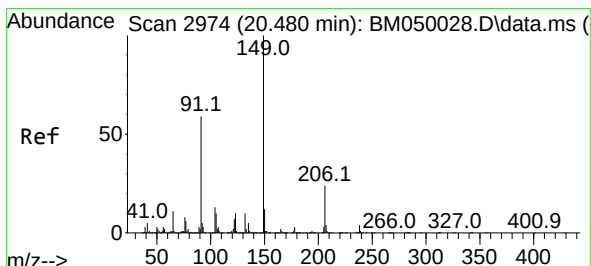
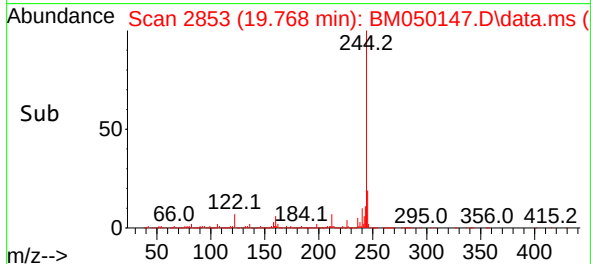
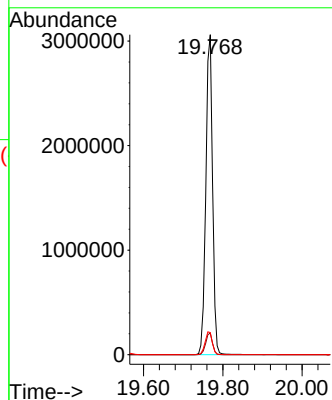


#79
Terphenyl-d14
Concen: 47.900 ng
RT: 19.768 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Instrument :
BNA_M
ClientSampleId :
MH-LLMSD

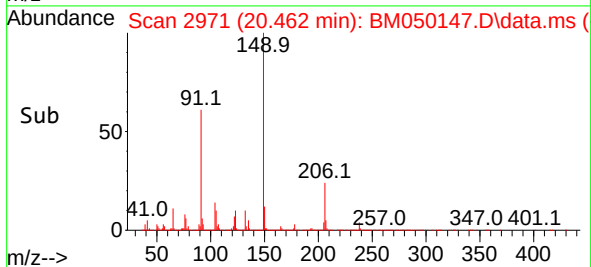
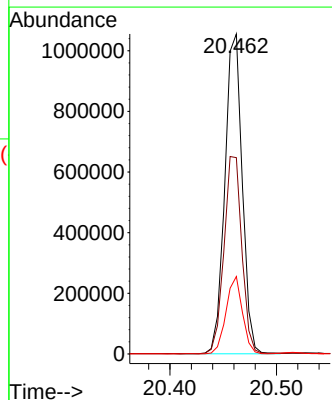
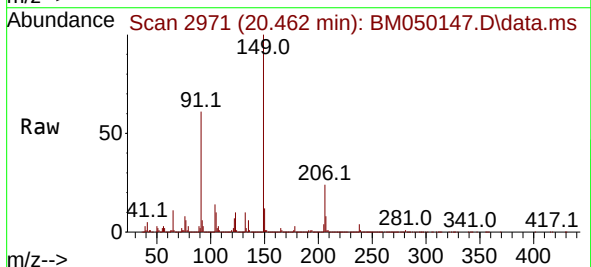


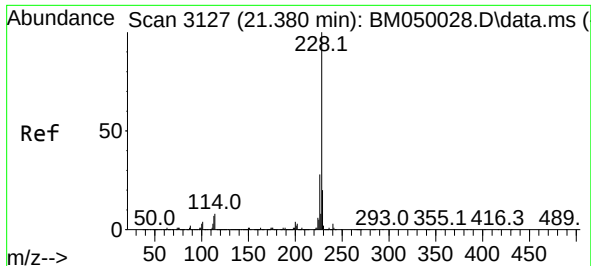
Tgt Ion:244 Resp: 3600484
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 6.9 5.6 8.4



#80
Butylbenzylphthalate
Concen: 40.796 ng
RT: 20.462 min Scan# 2971
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Tgt Ion:149 Resp: 1193455
Ion Ratio Lower Upper
149 100
91 61.4 47.4 71.2
206 24.2 19.4 29.0

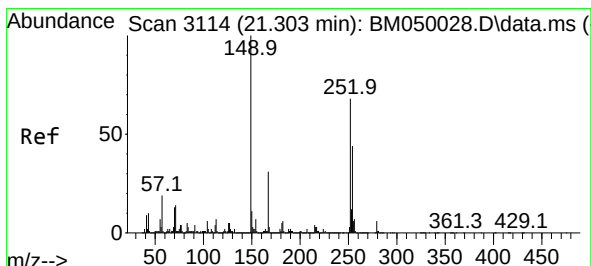
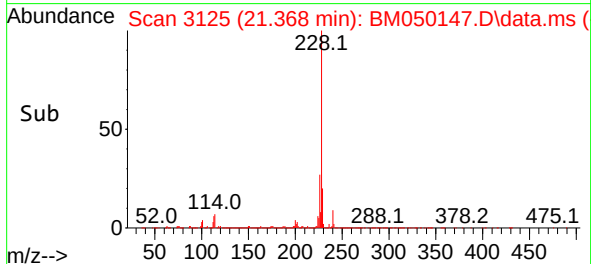
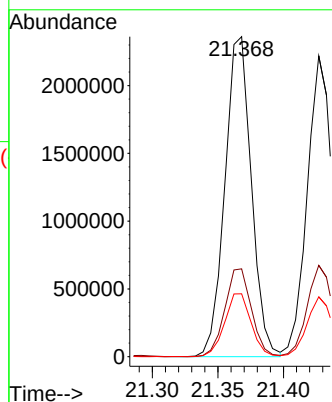
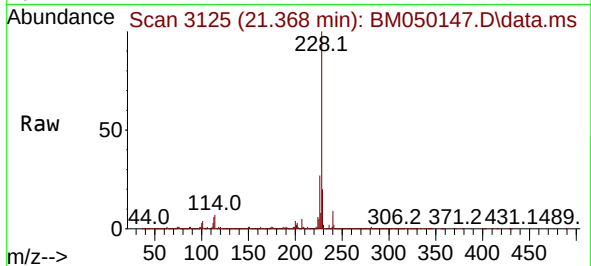




#81
Benzo(a)anthracene
Concen: 43.279 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

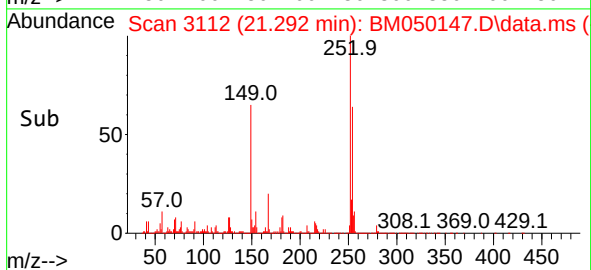
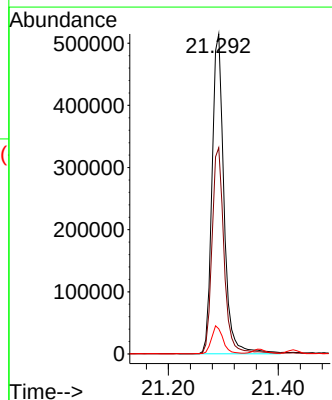
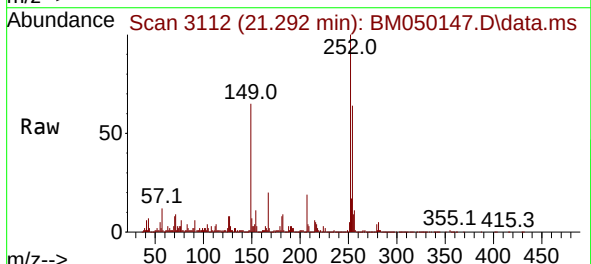
Instrument :
BNA_M
ClientSampleId :
MH-LLMSD

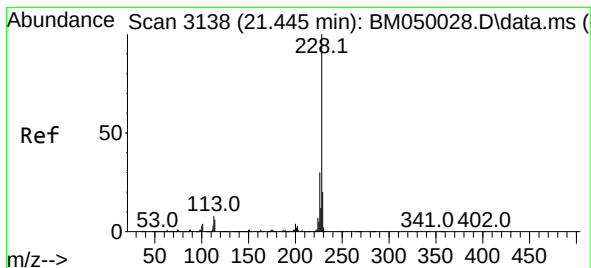
Tgt Ion:228 Resp: 3314921
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.7 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 26.464 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Tgt Ion:252 Resp: 775949
Ion Ratio Lower Upper
252 100
254 64.5 51.8 77.6
126 7.8 6.0 9.0





#83

Chrysene

Concen: 42.406 ng

RT: 21.427 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

Instrument :

BNA_M

ClientSampleId :

MH-LLMSD

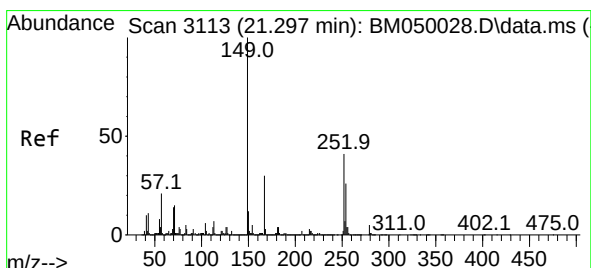
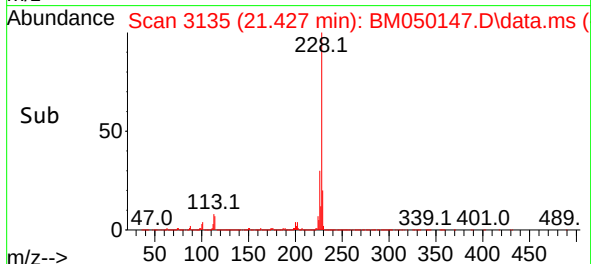
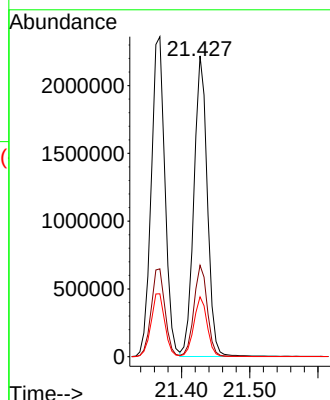
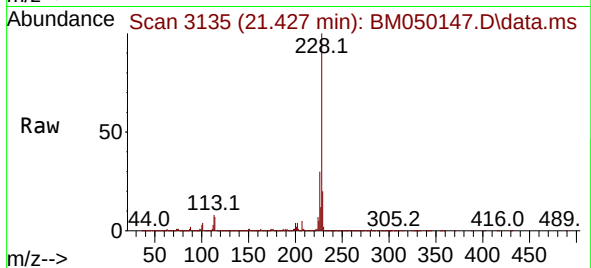
Tgt Ion:228 Resp: 3006106

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.2

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.011 ng

RT: 21.280 min Scan# 3110

Delta R.T. -0.000 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

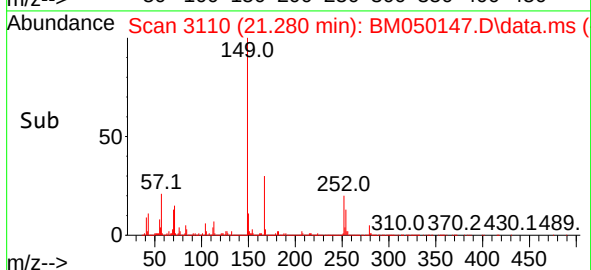
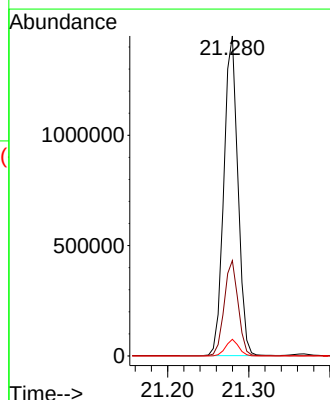
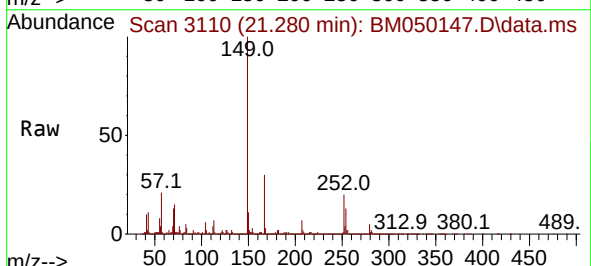
Tgt Ion:149 Resp: 1748323

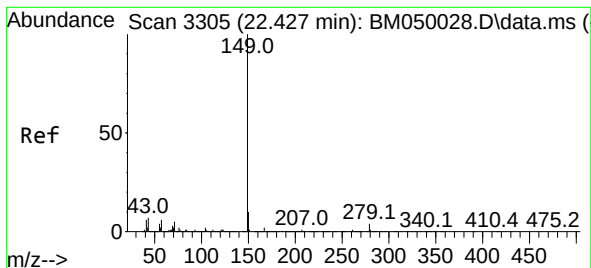
Ion Ratio Lower Upper

149 100

167 29.8 24.1 36.1

279 5.2 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 41.523 ng

RT: 22.403 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

Instrument :

BNA_M

ClientSampleId :

MH-LLMSD

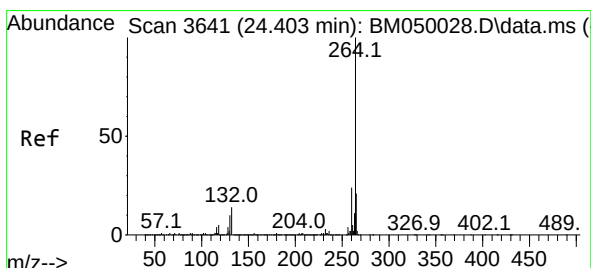
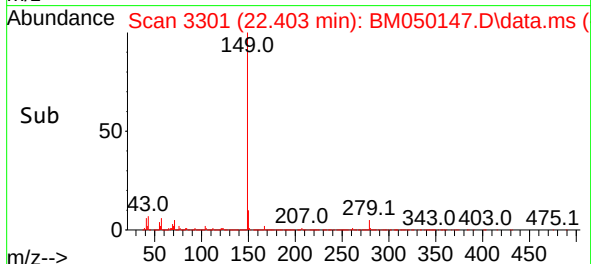
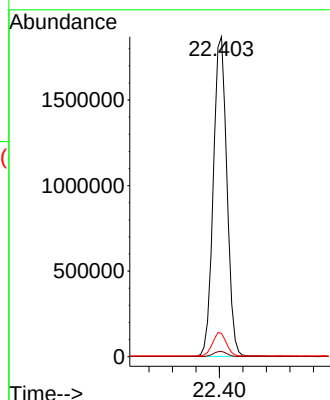
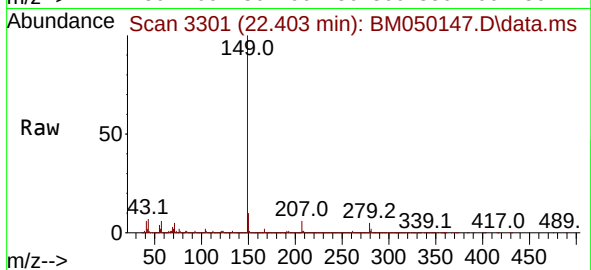
Tgt Ion:149 Resp: 2992138

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.4 5.8 8.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.380 min Scan# 3637

Delta R.T. -0.000 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

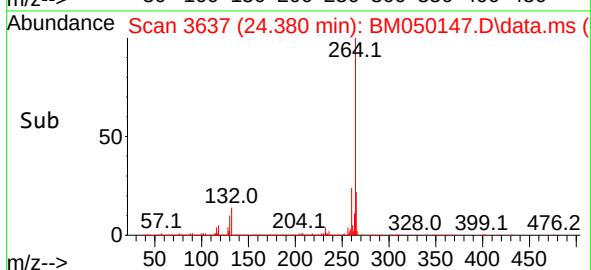
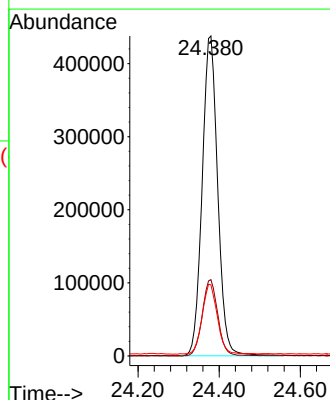
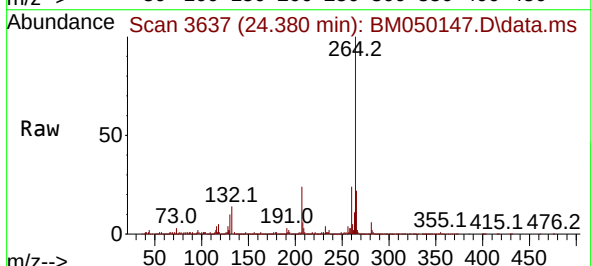
Tgt Ion:264 Resp: 1161580

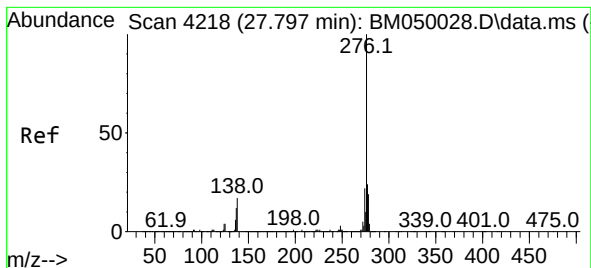
Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 22.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.204 ng

RT: 27.774 min Scan# 41

Delta R.T. 0.012 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

Instrument :

BNA_M

ClientSampleId :

MH-LLMSD

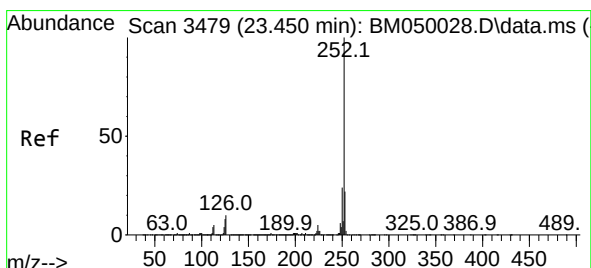
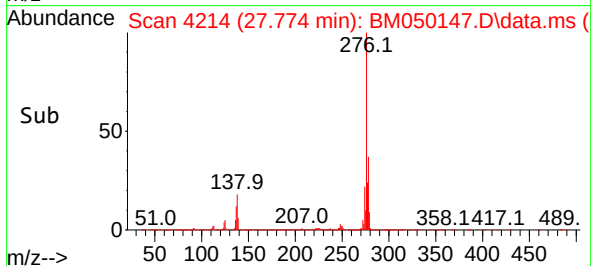
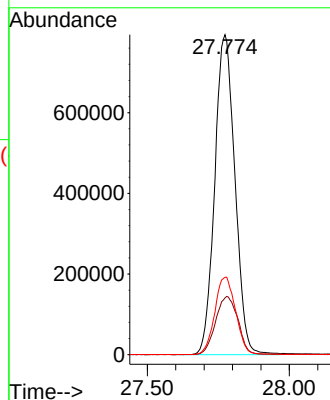
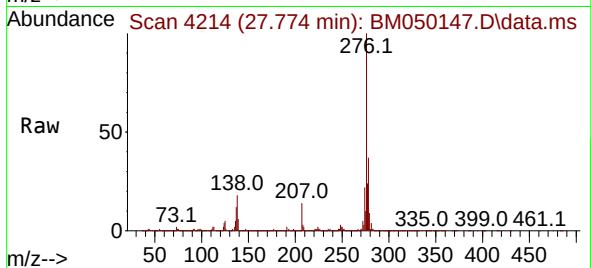
Tgt Ion:276 Resp: 3912545

Ion Ratio Lower Upper

276 100

138 20.1 16.4 24.6

277 25.1 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 42.642 ng

RT: 23.433 min Scan# 3476

Delta R.T. -0.000 min

Lab File: BM050147.D

Acq: 08 May 2025 15:21

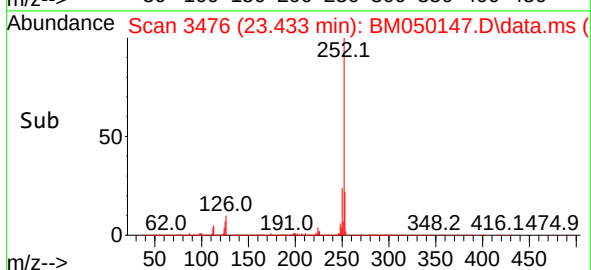
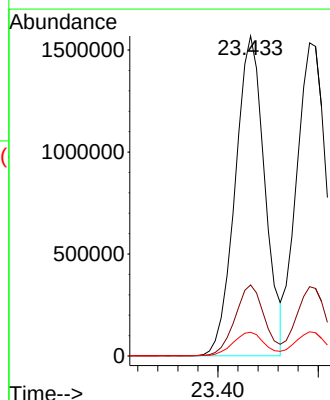
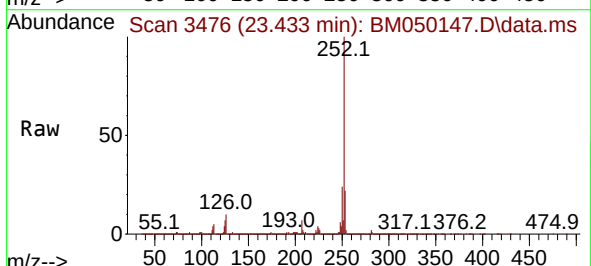
Tgt Ion:252 Resp: 3221230

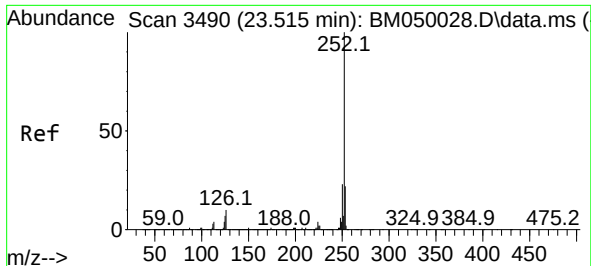
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 7.4 6.1 9.1

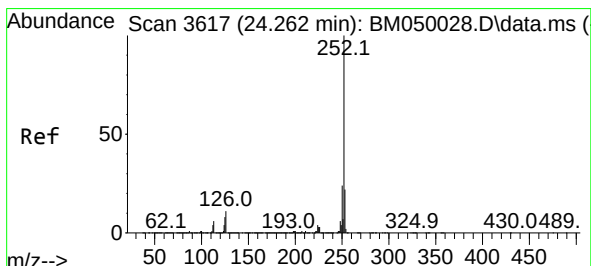
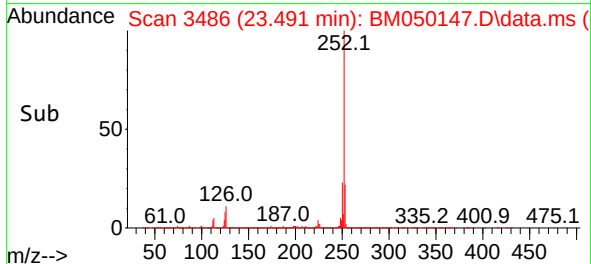
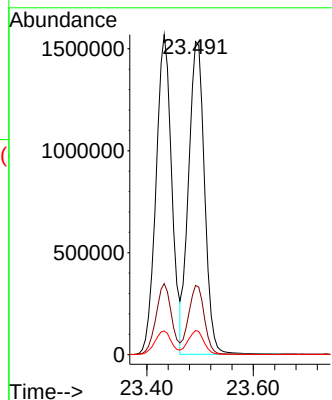
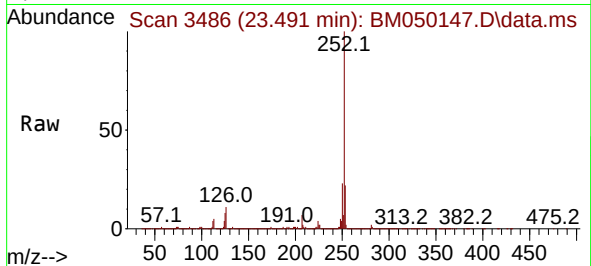




#89
Benzo(k)fluoranthene
Concen: 41.805 ng
RT: 23.491 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

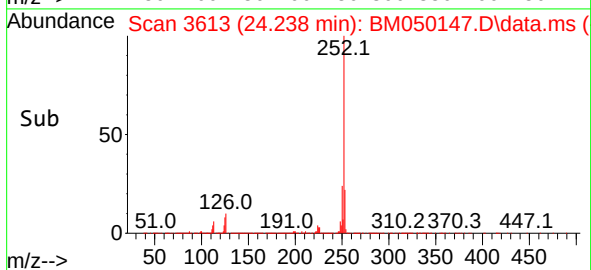
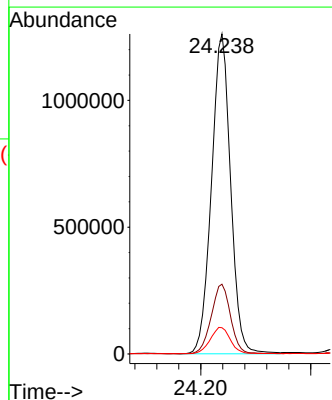
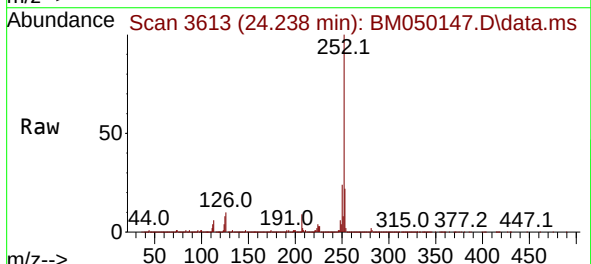
Instrument :
BNA_M
ClientSampleId :
MH-LLMSD

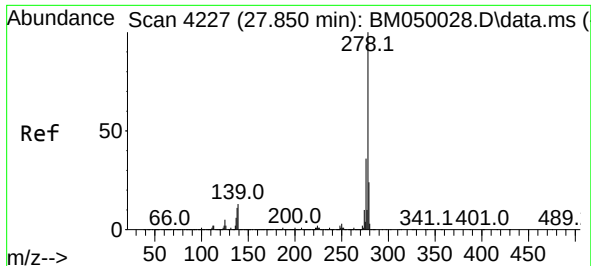
Tgt Ion:252 Resp: 3194428
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 7.7 5.8 8.8



#90
Benzo(a)pyrene
Concen: 43.055 ng
RT: 24.238 min Scan# 3613
Delta R.T. -0.000 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Tgt Ion:252 Resp: 3046262
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 8.2 6.6 9.8

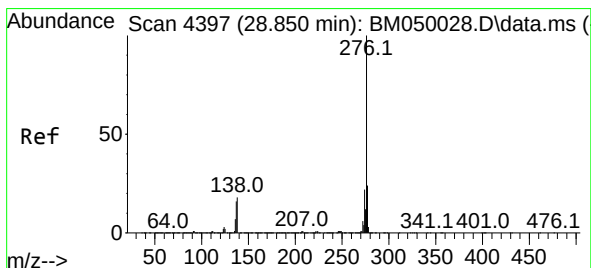
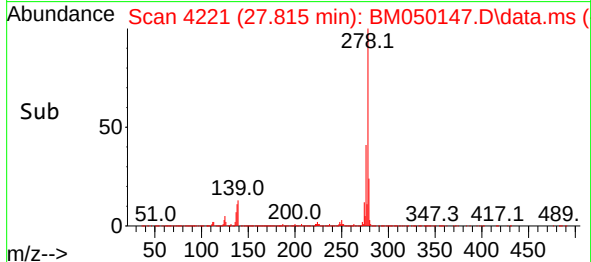
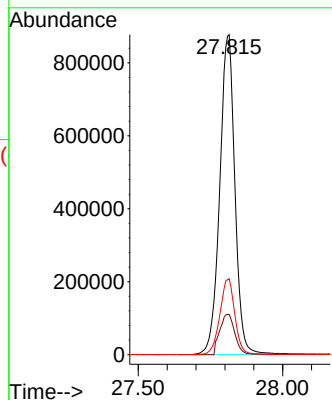
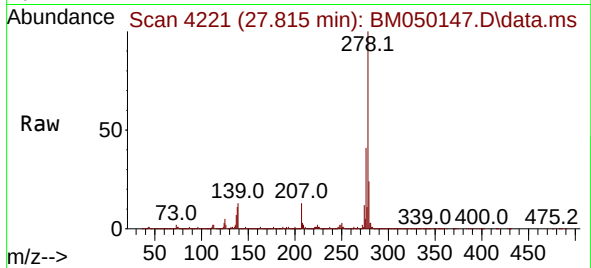




#91
Dibenzo(a,h)anthracene
Concen: 45.400 ng
RT: 27.815 min Scan# 41
Delta R.T. 0.006 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Instrument :
BNA_M
ClientSampleId :
MH-LLMSD

Tgt Ion:278 Resp: 3203191
Ion Ratio Lower Upper
278 100
139 12.6 10.5 15.7
279 23.7 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 44.826 ng
RT: 28.820 min Scan# 4392
Delta R.T. -0.006 min
Lab File: BM050147.D
Acq: 08 May 2025 15:21

Tgt Ion:276 Resp: 3027834
Ion Ratio Lower Upper
276 100
277 23.8 19.1 28.7
138 17.5 14.3 21.5

