

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
 Data File : BM050146.D
 Acq On : 08 May 2025 14:42
 Operator : RC/JU
 Sample : Q1964-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MH-LLMS

Quant Time: May 08 15:42:02 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	264341	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	906955	20.000	ng	0.00
39) Acenaphthene-d10	14.386	164	562871	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	1043026	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1002002	20.000	ng	0.00
86) Perylene-d12	24.380	264	1081327	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1593314	105.546	ng	0.00
7) Phenol-d6	6.934	99	1968415	103.745	ng	0.00
23) Nitrobenzene-d5	8.898	82	1153669	62.681	ng	0.00
42) 2,4,6-Tribromophenol	15.886	330	838438	100.740	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	2660755	55.921	ng	0.00
79) Terphenyl-d14	19.762	244	3471536	51.267	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.228	88	246843	38.136	ng 98
3) Pyridine	3.634	79	669714	40.270	ng 98
4) n-Nitrosodimethylamine	3.540	42	276875	42.449	ng 97
6) Aniline	7.075	93	527166	22.003	ng 98
8) 2-Chlorophenol	7.316	128	716311	43.886	ng 99
9) Benzaldehyde	6.887	77	299377	23.578	ng 99
10) Phenol	6.957	94	847839	44.140	ng 99
11) bis(2-Chloroethyl)ether	7.163	93	667998	41.649	ng 99
12) 1,3-Dichlorobenzene	7.628	146	821925	41.687	ng 99
13) 1,4-Dichlorobenzene	7.775	146	828063	41.805	ng 99
14) 1,2-Dichlorobenzene	8.092	146	796060	41.606	ng 99
15) Benzyl Alcohol	7.992	79	566884	43.082	ng 99
16) 2,2'-oxybis(1-Chloropr...	8.263	45	812019	41.650	ng 99
17) 2-Methylphenol	8.204	107	540586	42.722	ng 99
18) Hexachloroethane	8.810	117	294157	41.777	ng 97
19) n-Nitroso-di-n-propyla...	8.551	70	490922	40.342	ng 99
20) 3+4-Methylphenols	8.534	107	729232	42.675	ng 96
22) Acetophenone	8.563	105	967046	42.888	ng # 98
24) Nitrobenzene	8.945	77	699191	43.934	ng 97
25) Isophorone	9.469	82	1301869	41.495	ng 99
26) 2-Nitrophenol	9.657	139	373396	45.926	ng 98
27) 2,4-Dimethylphenol	9.728	122	603294	44.745	ng 99
28) bis(2-Chloroethoxy)met...	9.945	93	825737	42.582	ng 100
29) 2,4-Dichlorophenol	10.210	162	681099	45.091	ng 98
30) 1,2,4-Trichlorobenzene	10.398	180	795869	43.246	ng 100
31) Naphthalene	10.581	128	1966145	42.807	ng 100
32) Benzoic acid	9.910	122	407313	47.234	ng 99
33) 4-Chloroaniline	10.716	127	276078	14.665	ng 99
34) Hexachlorobutadiene	10.863	225	507937	43.481	ng 100
35) Caprolactam	11.510	113	175814	39.920	ng 95
36) 4-Chloro-3-methylphenol	11.857	107	588875	42.198	ng 99
37) 2-Methylnaphthalene	12.198	142	1278304	41.511	ng 99
38) 1-Methylnaphthalene	12.422	142	1344615	41.260	ng 100
40) 1,2,4,5-Tetrachloroben...	12.575	216	885191	45.429	ng 99
41) Hexachlorocyclopentadiene	12.551	237	930801	78.168	ng 99
43) 2,4,6-Trichlorophenol	12.827	196	567896	45.951	ng 98

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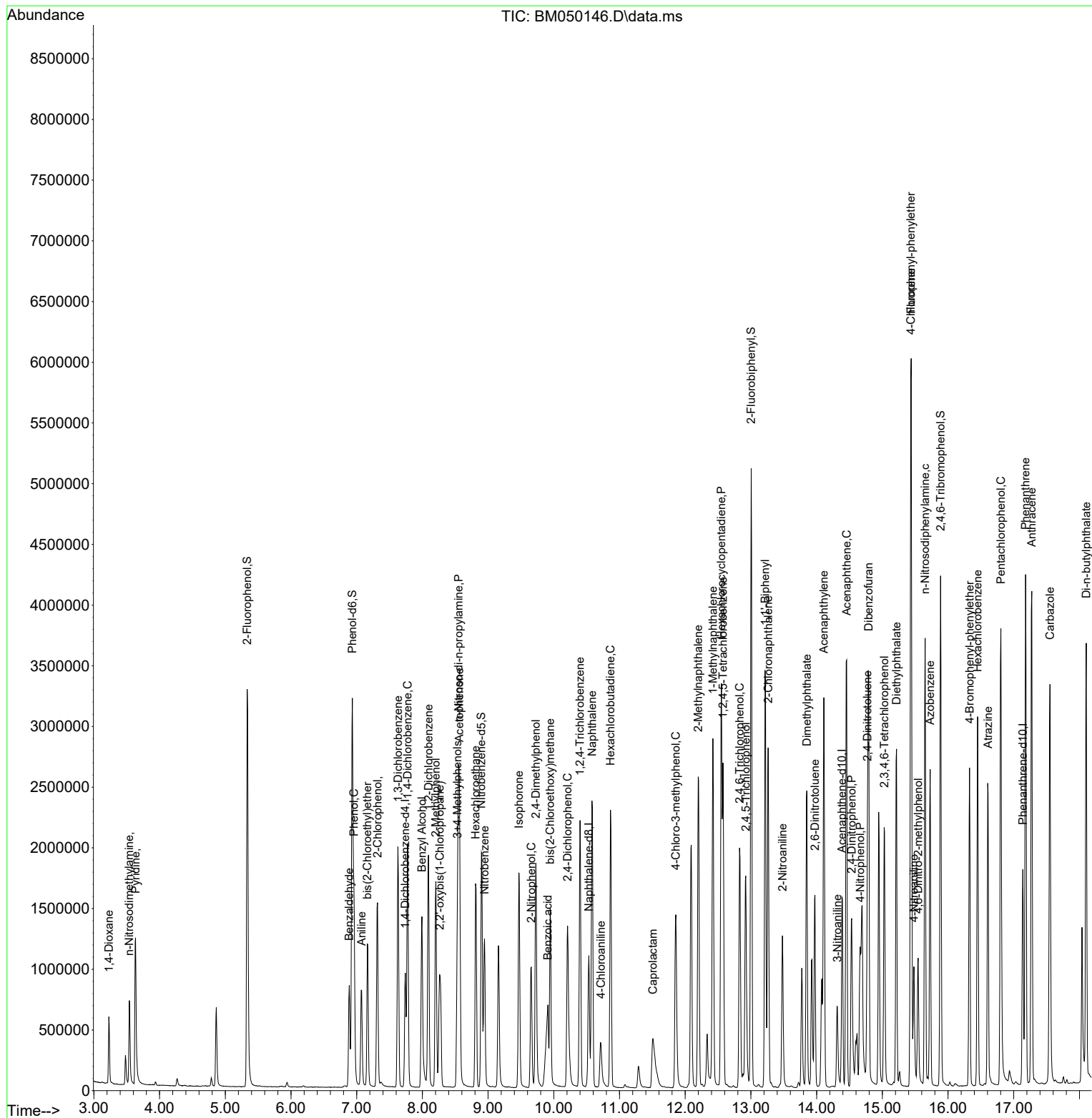
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	612924	45.991	ng	99
46) 1,1'-Biphenyl	13.216	154	1847009	44.144	ng	99
47) 2-Chloronaphthalene	13.263	162	1461752	44.111	ng	100
48) 2-Nitroaniline	13.480	65	352501	45.323	ng	100
49) Acenaphthylene	14.110	152	2248257	43.030	ng	100
50) Dimethylphthalate	13.851	163	1731408	42.091	ng	100
51) 2,6-Dinitrotoluene	13.974	165	373814	43.891	ng	98
52) Acenaphthene	14.457	154	1304787	43.143	ng	99
53) 3-Nitroaniline	14.316	138	209802	25.802	ng	98
54) 2,4-Dinitrophenol	14.533	184	460854	84.226	ng	98
55) Dibenzofuran	14.792	168	2124279	42.217	ng	100
56) 4-Nitrophenol	14.663	139	549471	82.890	ng	98
57) 2,4-Dinitrotoluene	14.774	165	515870	43.835	ng	97
58) Fluorene	15.439	166	1747395	42.426	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	486575	42.179	ng	100
60) Diethylphthalate	15.216	149	1573625	40.599	ng	99
61) 4-Chlorophenyl-phenyle...	15.433	204	955055	42.217	ng	99
62) 4-Nitroaniline	15.480	138	299821	38.218	ng	97
63) Azobenzene	15.727	77	1379896	42.479	ng	99
65) 4,6-Dinitro-2-methylph...	15.545	198	289940	44.408	ng	99
66) n-Nitrosodiphenylamine	15.651	169	1432677	44.731	ng	100
67) 4-Bromophenyl-phenylether	16.327	248	560826	44.464	ng	98
68) Hexachlorobenzene	16.451	284	636602	43.785	ng	97
69) Atrazine	16.610	200	512133	44.329	ng	99
70) Pentachlorophenol	16.804	266	806258	98.517	ng	98
71) Phenanthrene	17.180	178	2580538	43.866	ng	100
72) Anthracene	17.274	178	2607919	43.806	ng	100
73) Carbazole	17.551	167	2283295	44.199	ng	100
74) Di-n-butylphthalate	18.104	149	2646232	43.014	ng	100
75) Fluoranthene	19.204	202	2966465	42.950	ng	100
77) Benzidine	19.392	184	1135378	31.900	ng	99
78) Pyrene	19.568	202	3052252	43.378	ng	100
80) Butylbenzylphthalate	20.456	149	1127542	42.785	ng	94
81) Benzo(a)anthracene	21.368	228	3058099	44.320	ng	100
82) 3,3'-Dichlorobenzidine	21.292	252	682545	25.840	ng	99
83) Chrysene	21.427	228	2786599	43.635	ng	99
84) Bis(2-ethylhexyl)phtha...	21.280	149	1626197	41.312	ng	100
85) Di-n-octyl phthalate	22.403	149	2786511	42.924	ng	100
87) Indeno(1,2,3-cd)pyrene	27.768	276	3829687	47.531	ng	100
88) Benzo(b)fluoranthene	23.433	252	3038089	43.203	ng	100
89) Benzo(k)fluoranthene	23.491	252	3044885	42.806	ng	100
90) Benzo(a)pyrene	24.238	252	2922477	44.371	ng	99
91) Dibenzo(a,h)anthracene	27.809	278	3123024	47.549	ng	99
92) Benzo(g,h,i)perylene	28.821	276	2974655	47.307	ng	99

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

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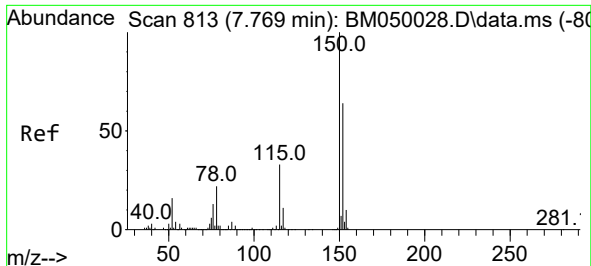
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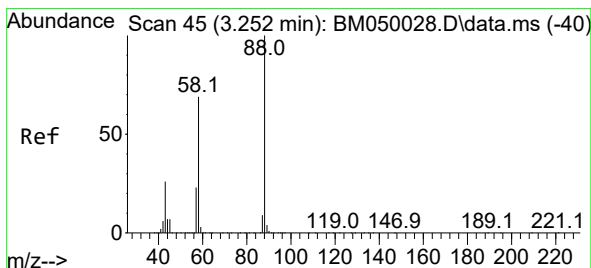
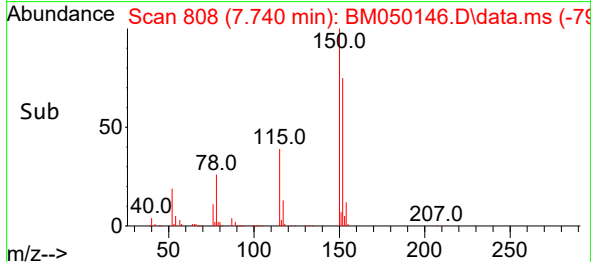
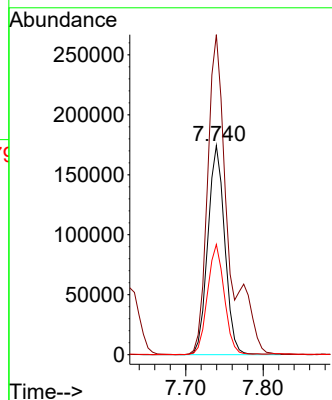
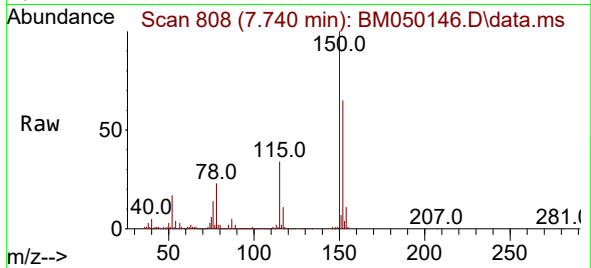




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.740 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BM050146.D
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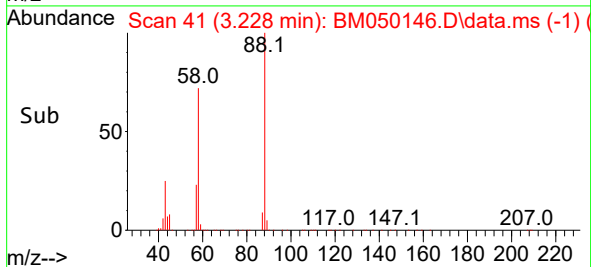
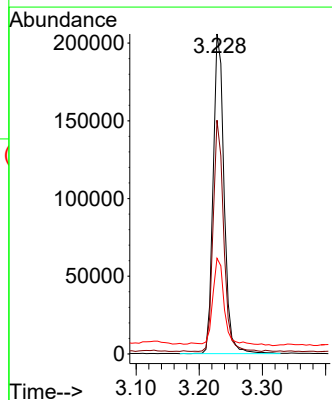
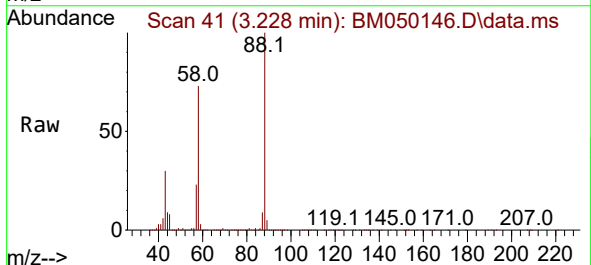
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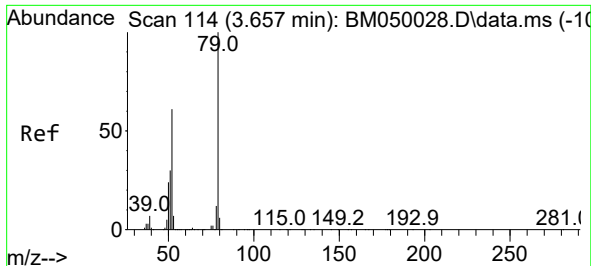
Tgt Ion:152 Resp: 264341
 Ion Ratio Lower Upper
 152 100
 150 153.0 124.1 186.1
 115 52.7 41.2 61.8



#2
 1,4-Dioxane
 Concen: 38.136 ng
 RT: 3.228 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BM050146.D
 Acq: 08 May 2025 14:42

Tgt Ion: 88 Resp: 246843
 Ion Ratio Lower Upper
 88 100
 58 69.6 55.1 82.7
 43 29.2 20.9 31.3

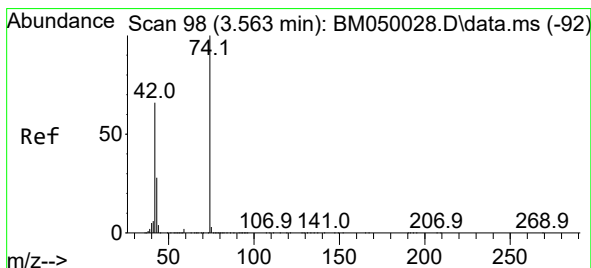
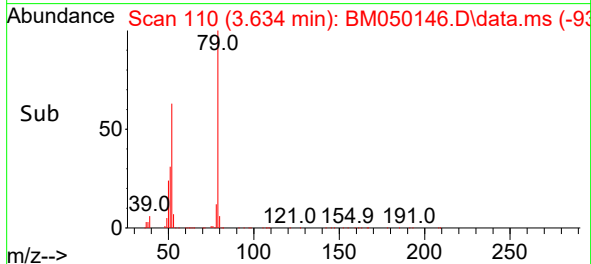
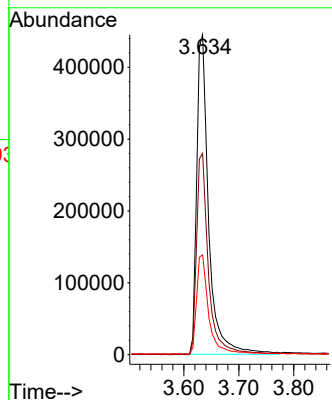
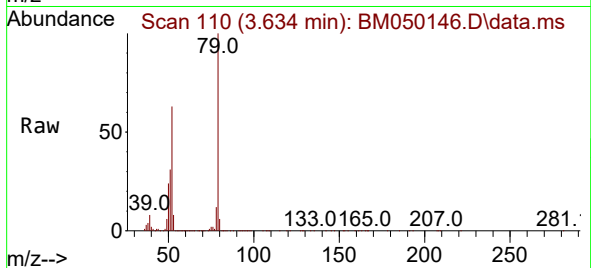




#3
Pyridine
Concen: 40.270 ng
RT: 3.634 min Scan# 114
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

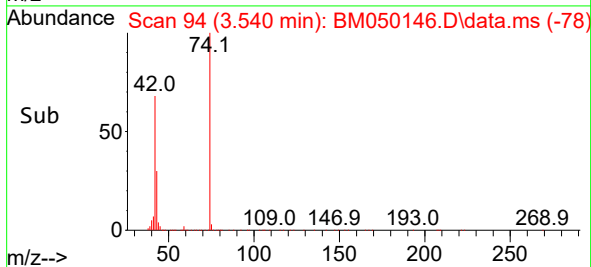
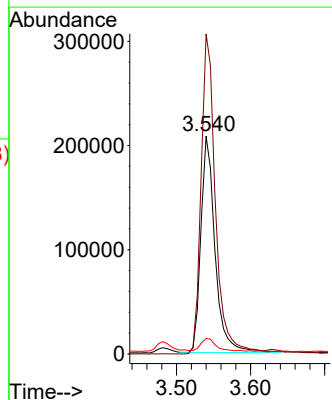
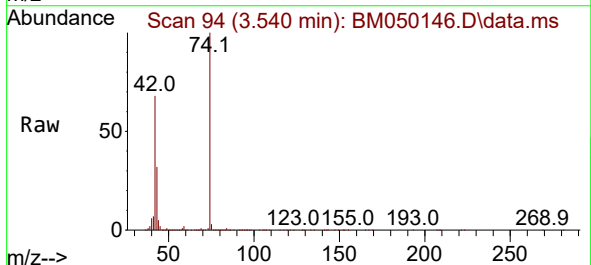
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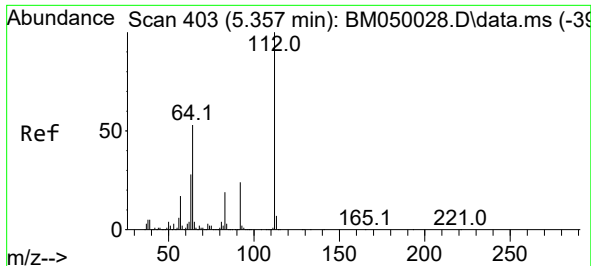
Tgt Ion: 79 Resp: 669714
Ion Ratio Lower Upper
79 100
52 62.9 48.6 72.8
51 31.2 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 42.449 ng
RT: 3.540 min Scan# 94
Delta R.T. -0.006 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Tgt Ion: 42 Resp: 276875
Ion Ratio Lower Upper
42 100
74 147.0 120.2 180.2
44 7.1 6.2 9.2

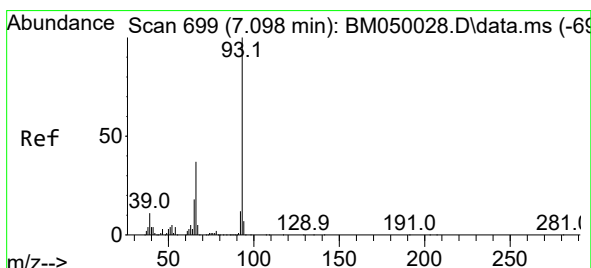
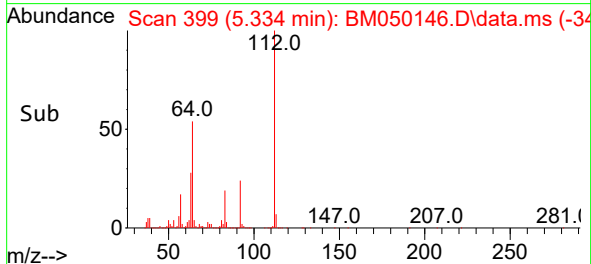
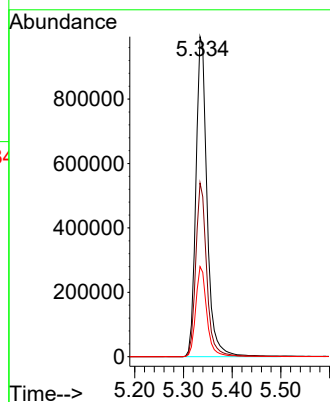
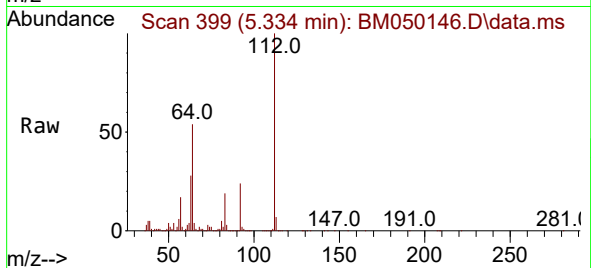




#5
2-Fluorophenol
Concen: 105.546 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.006 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

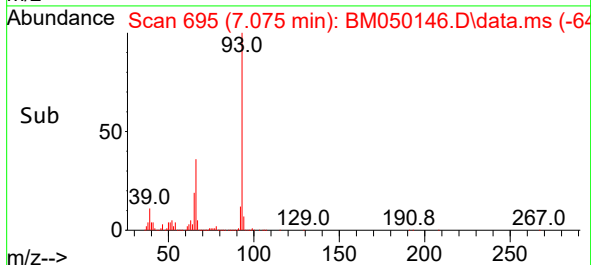
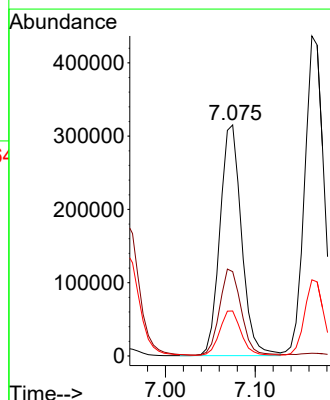
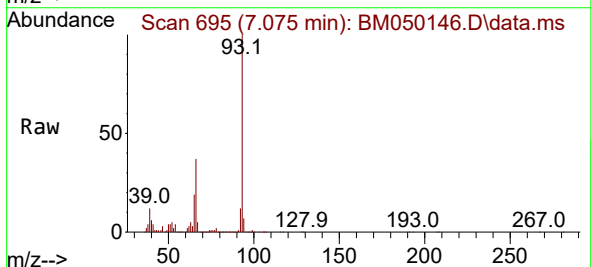
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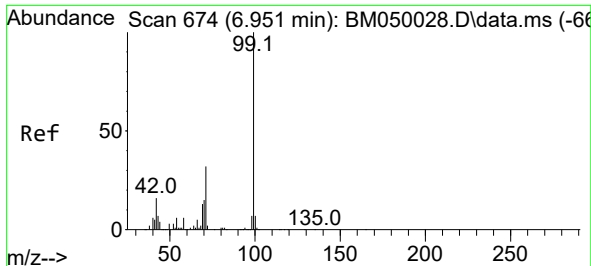
Tgt Ion:112 Resp: 1593314
Ion Ratio Lower Upper
112 100
64 54.3 42.6 64.0
63 28.2 22.2 33.4



#6
Aniline
Concen: 22.003 ng
RT: 7.075 min Scan# 695
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Tgt Ion: 93 Resp: 527166
Ion Ratio Lower Upper
93 100
66 36.5 29.9 44.9
65 19.4 14.5 21.7

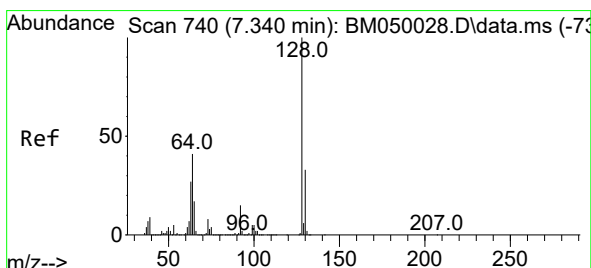
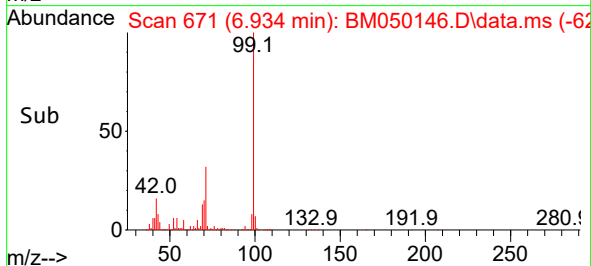
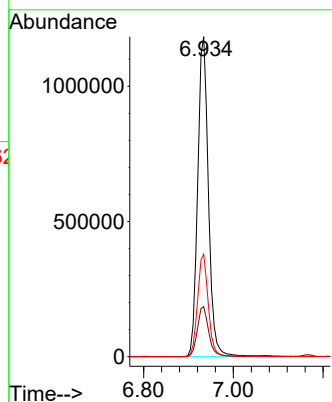
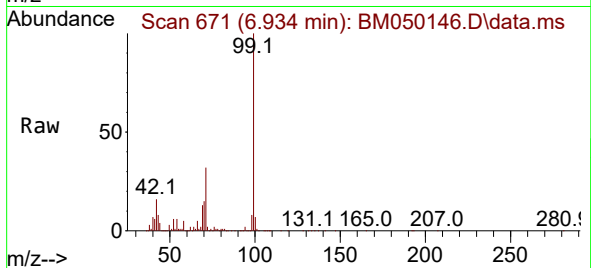




#7
Phenol-d6
Concen: 103.745 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050146.D
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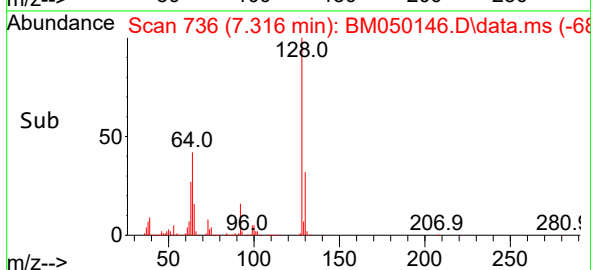
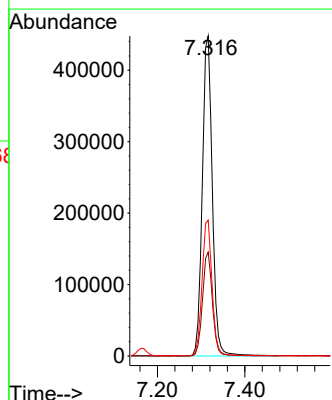
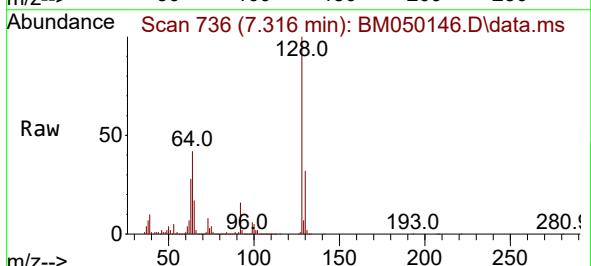
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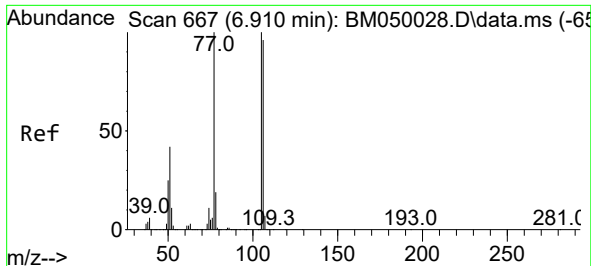
Tgt Ion: 99 Resp: 1968415
Ion Ratio Lower Upper
99 100
42 15.6 13.0 19.4
71 32.1 25.6 38.4



#8
2-Chlorophenol
Concen: 43.886 ng
RT: 7.316 min Scan# 736
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Tgt Ion:128 Resp: 716311
Ion Ratio Lower Upper
128 100
130 32.4 12.8 52.8
64 42.5 21.2 61.2

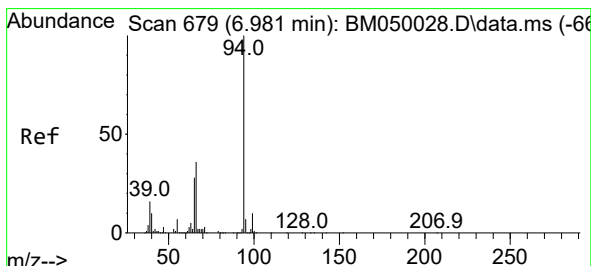
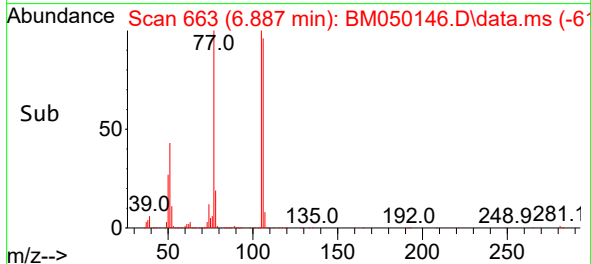
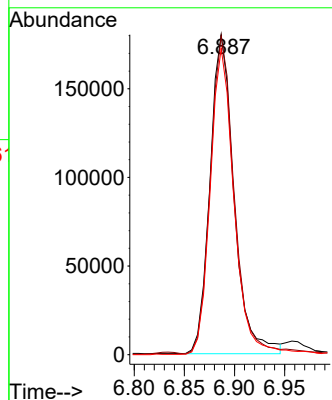
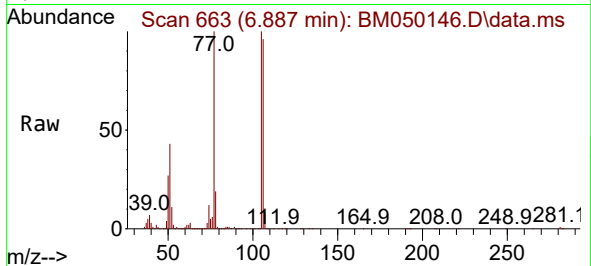




#9
Benzaldehyde
Concen: 23.578 ng
RT: 6.887 min Scan# 663
Delta R.T. -0.000 min
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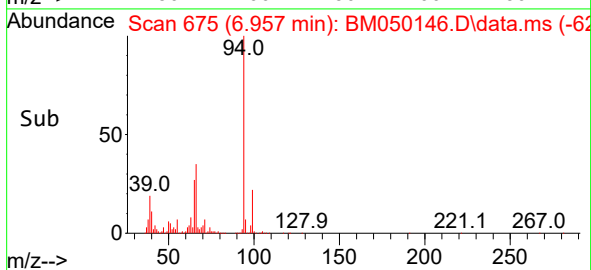
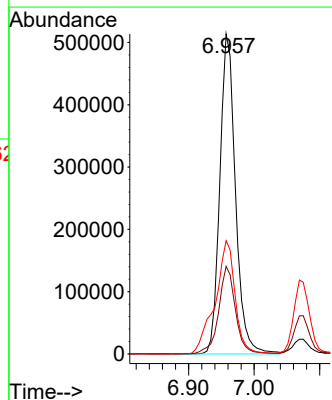
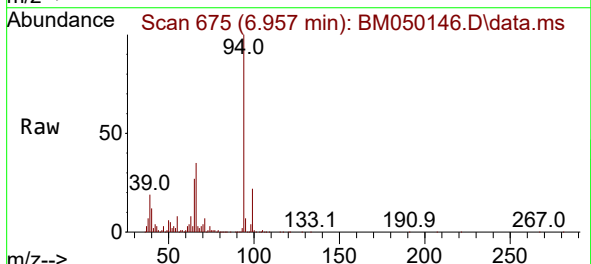
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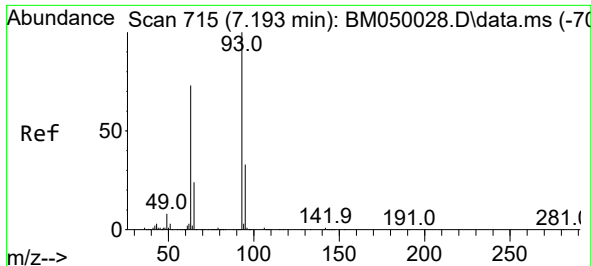
Tgt Ion: 77 Resp: 299377
Ion Ratio Lower Upper
77 100
105 99.6 80.5 120.5
106 95.7 76.1 116.1



#10
Phenol
Concen: 44.140 ng
RT: 6.957 min Scan# 675
Delta R.T. -0.006 min
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Tgt Ion: 94 Resp: 847839
Ion Ratio Lower Upper
94 100
65 27.4 7.6 47.6
66 35.4 15.8 55.8

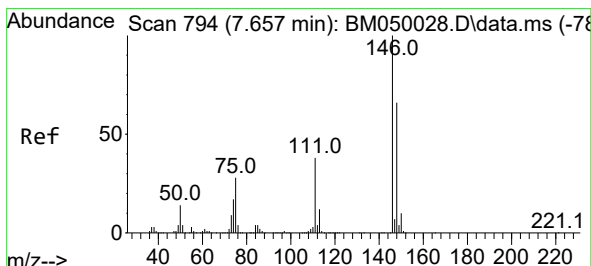
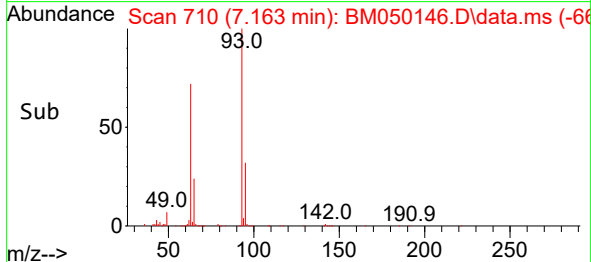
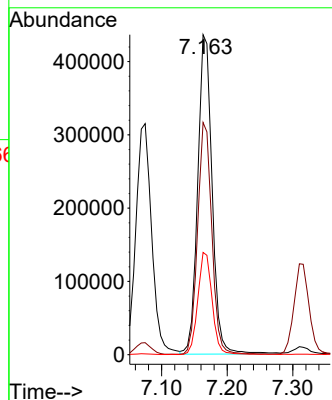
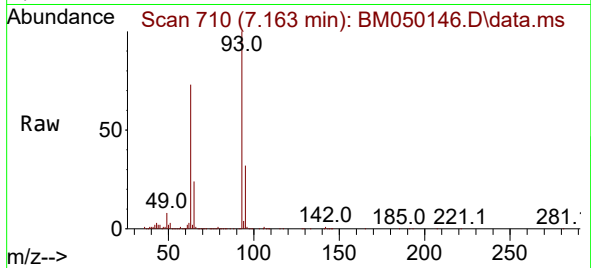




#11
bis(2-Chloroethyl)ether
Concen: 41.649 ng
RT: 7.163 min Scan# 715
Delta R.T. -0.006 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

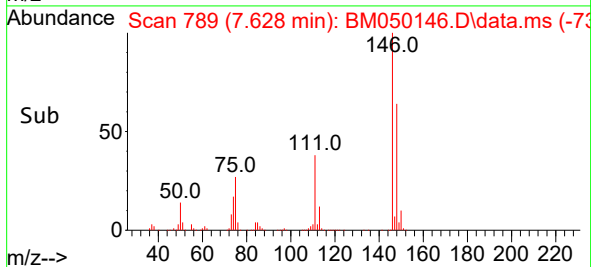
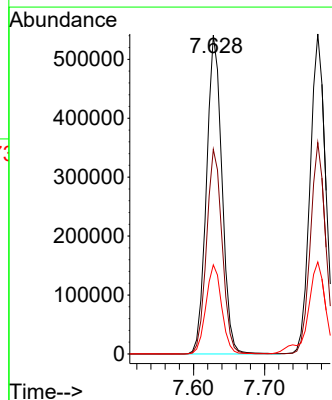
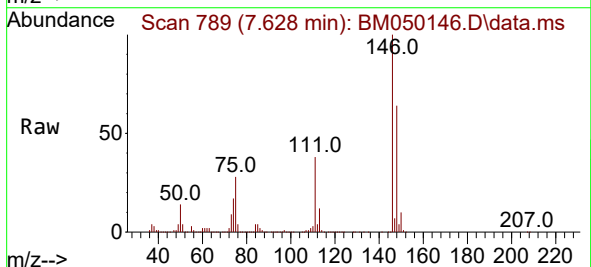
Instrument :
BNA_M
ClientSampleId :
MH-LLMS

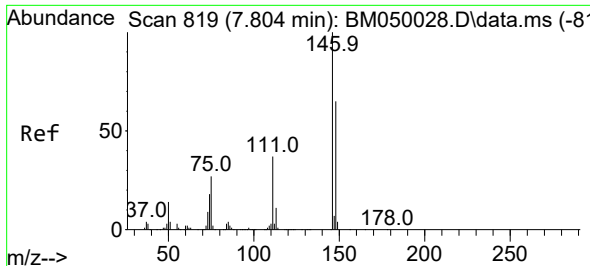
Tgt Ion: 93 Resp: 667998
Ion Ratio Lower Upper
93 100
63 72.6 52.3 92.3
95 32.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.687 ng
RT: 7.628 min Scan# 789
Delta R.T. -0.006 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Tgt Ion: 146 Resp: 821925
Ion Ratio Lower Upper
146 100
148 64.2 52.5 78.7
75 28.0 22.6 34.0

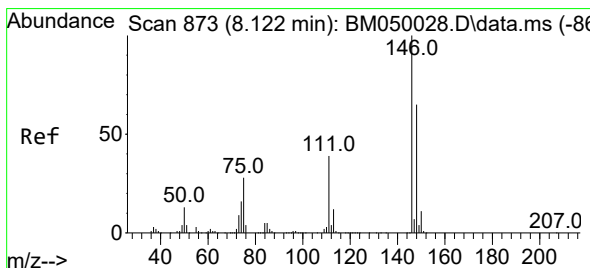
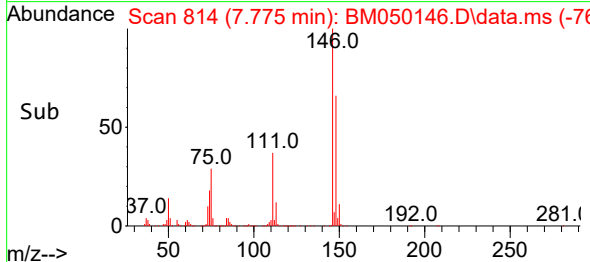
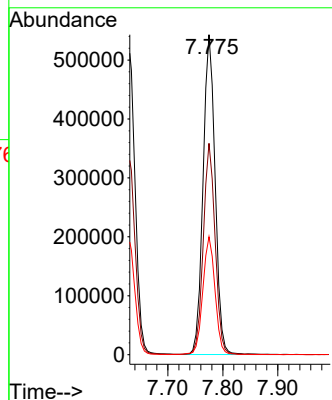
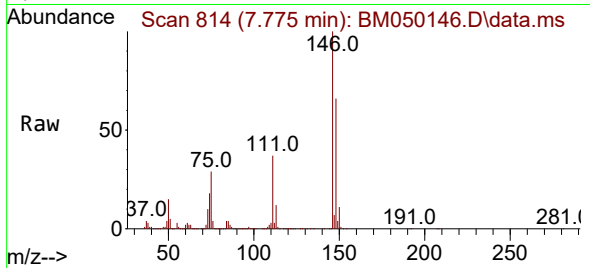




#13
1,4-Dichlorobenzene
Concen: 41.805 ng
RT: 7.775 min Scan# 819
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

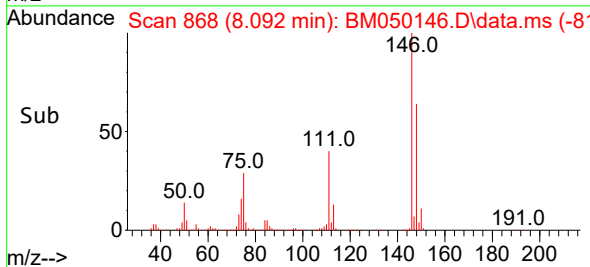
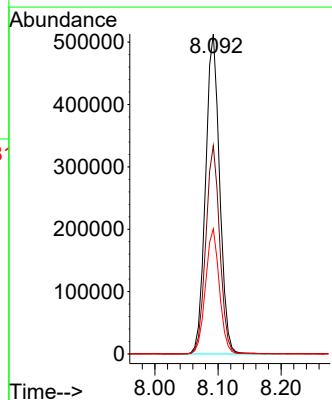
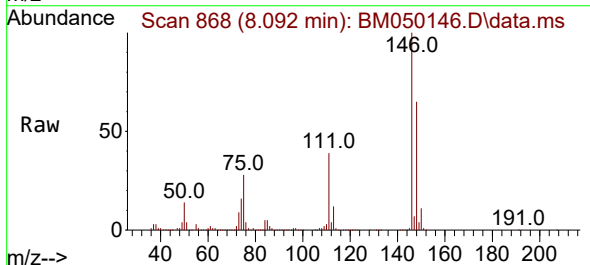
Instrument :
BNA_M
ClientSampleId :
MH-LLMS

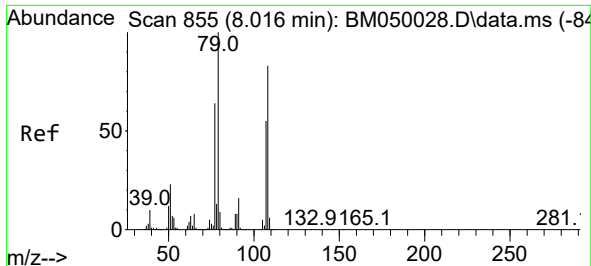
Tgt Ion:146 Resp: 828063
Ion Ratio Lower Upper
146 100
148 66.1 52.2 78.2
111 36.8 29.3 43.9



#14
1,2-Dichlorobenzene
Concen: 41.606 ng
RT: 8.092 min Scan# 868
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Tgt Ion:146 Resp: 796060
Ion Ratio Lower Upper
146 100
148 65.1 52.4 78.6
111 39.1 31.0 46.6

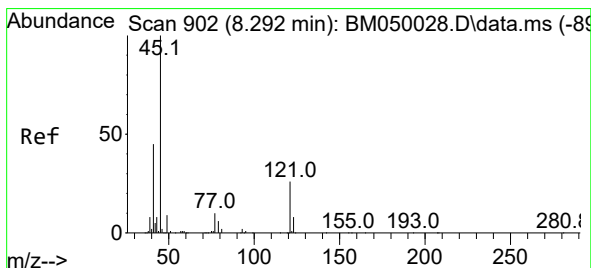
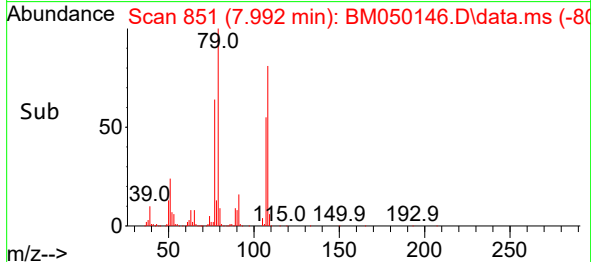
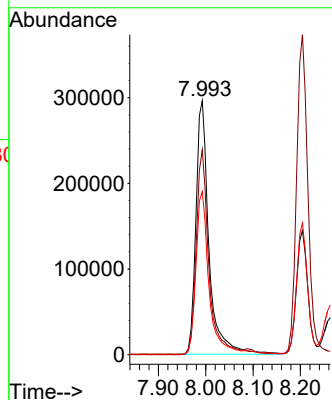
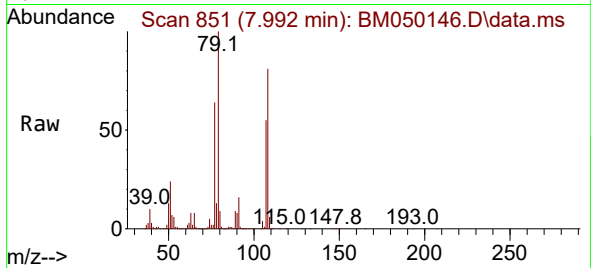




#15
Benzyl Alcohol
Concen: 43.082 ng
RT: 7.992 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

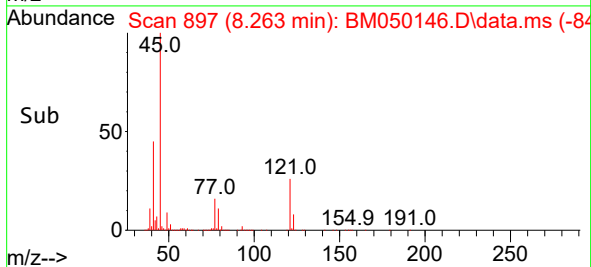
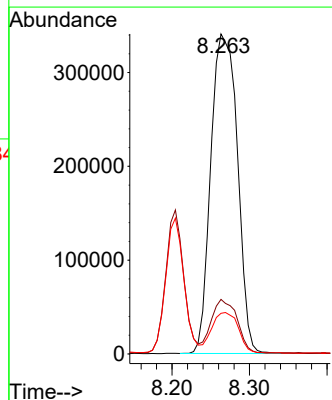
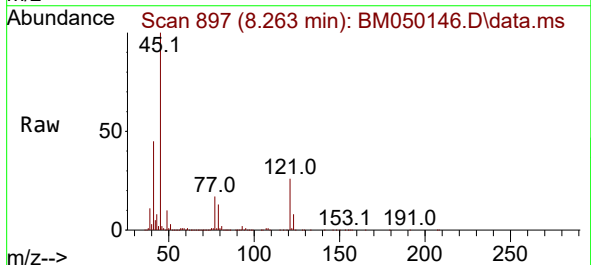
Instrument :
BNA_M
ClientSampleId :
MH-LLMS

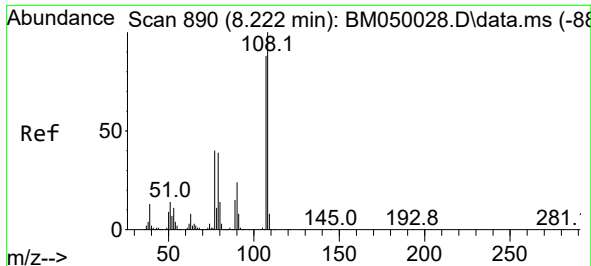
Tgt Ion: 79 Resp: 566884
Ion Ratio Lower Upper
79 100
108 80.8 66.0 99.0
77 64.3 51.6 77.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.650 ng
RT: 8.263 min Scan# 897
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Tgt Ion: 45 Resp: 812019
Ion Ratio Lower Upper
45 100
77 17.0 0.0 36.4
79 12.7 0.0 32.7

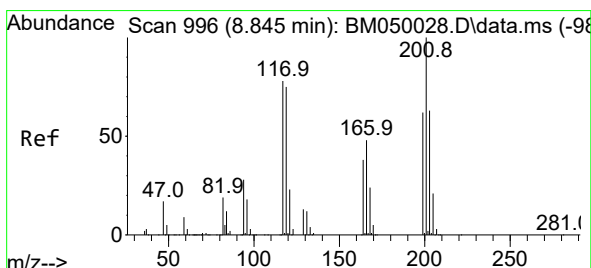
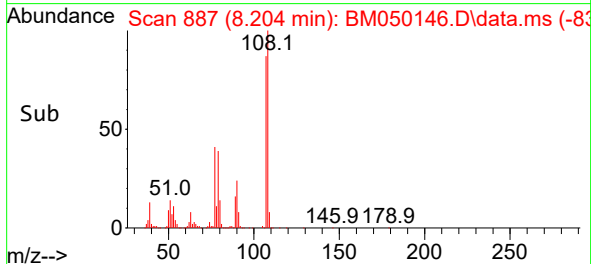
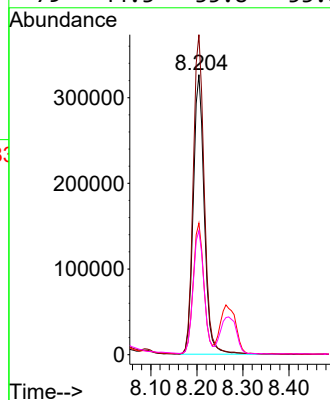
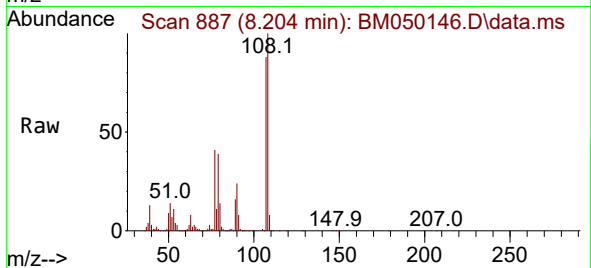




#17
2-Methylphenol
Concen: 42.722 ng
RT: 8.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

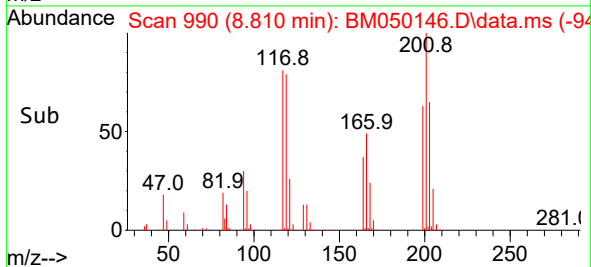
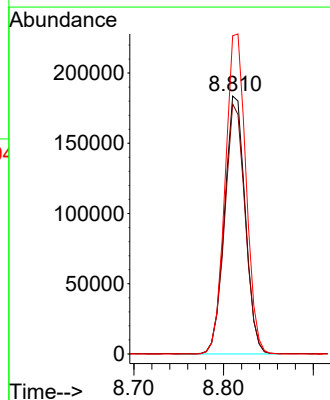
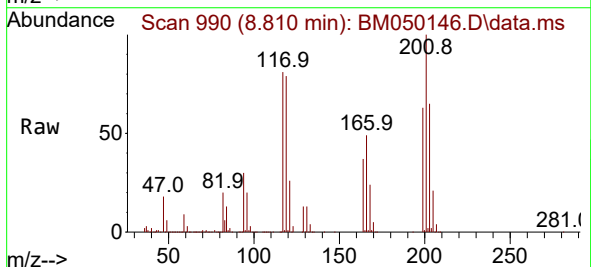
Instrument :
BNA_M
ClientSampleId :
MH-LLMS

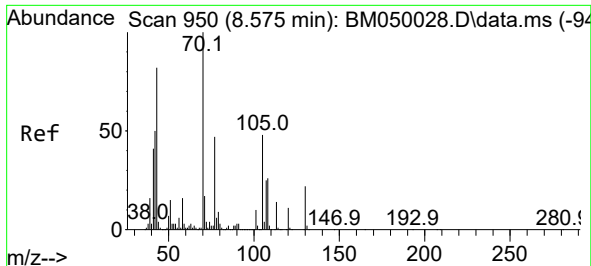
Tgt Ion:107 Resp: 540586
Ion Ratio Lower Upper
107 100
108 114.3 91.1 136.7
77 47.0 36.2 54.4
79 44.3 35.8 53.8



#18
Hexachloroethane
Concen: 41.777 ng
RT: 8.810 min Scan# 990
Delta R.T. -0.006 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Tgt Ion:117 Resp: 294157
Ion Ratio Lower Upper
117 100
119 96.9 77.3 115.9
201 123.4 102.8 154.2

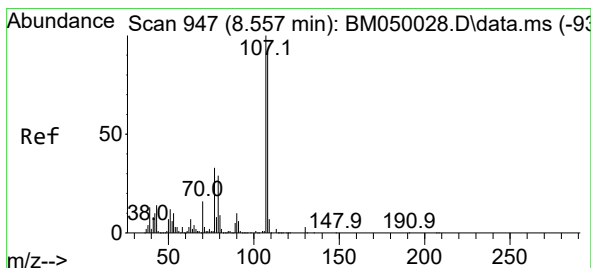
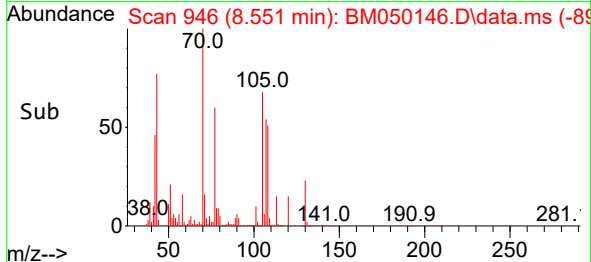
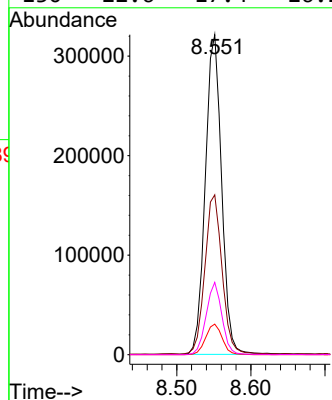
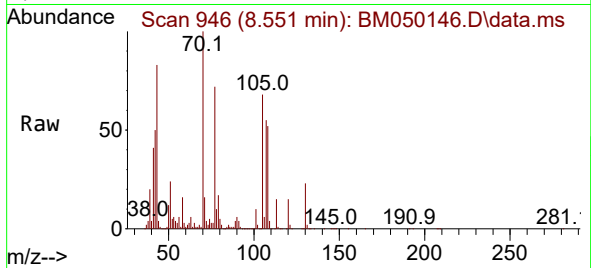




#19
n-Nitroso-di-n-propylamine
Concen: 40.342 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

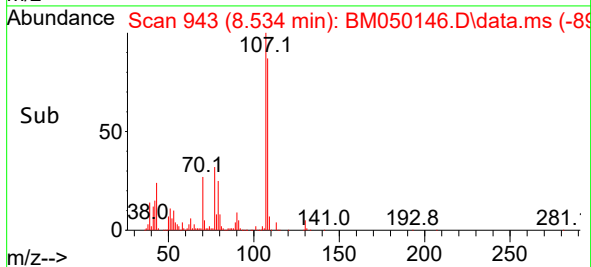
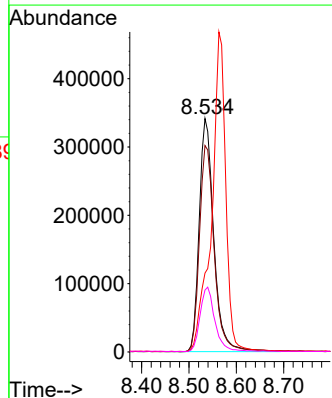
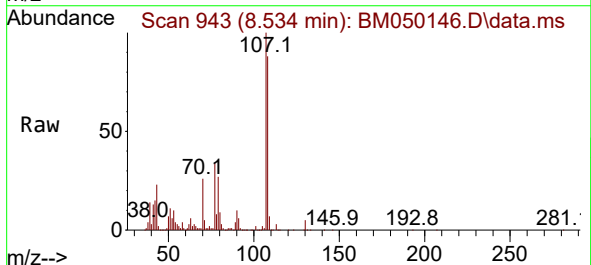
Instrument :
BNA_M
ClientSampleId :
MH-LLMS

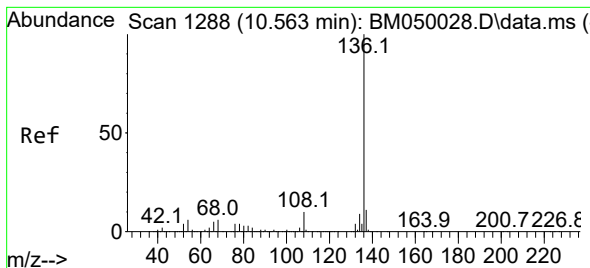
Tgt Ion: 70 Resp: 490922
Ion Ratio Lower Upper
70 100
42 49.9 40.5 60.7
101 9.5 7.8 11.6
130 22.6 17.4 26.2



#20
3+4-Methylphenols
Concen: 42.675 ng
RT: 8.534 min Scan# 943
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Tgt Ion: 107 Resp: 729232
Ion Ratio Lower Upper
107 100
108 88.4 72.4 112.4
77 33.8 13.6 53.6
79 26.5 9.2 49.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.534 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM050146.D

Acq: 08 May 2025 14:42

Instrument :

BNA_M

ClientSampleId :

MH-LLMS

Tgt Ion:136 Resp: 906955

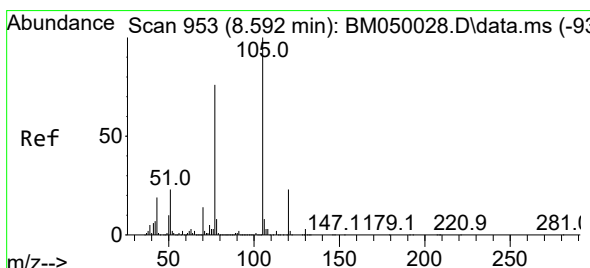
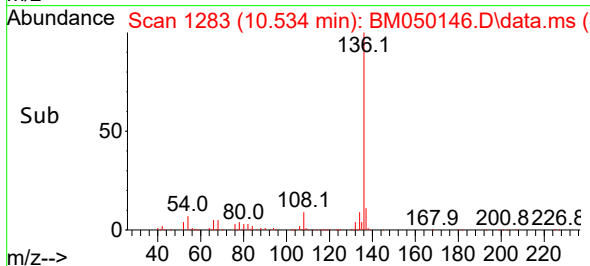
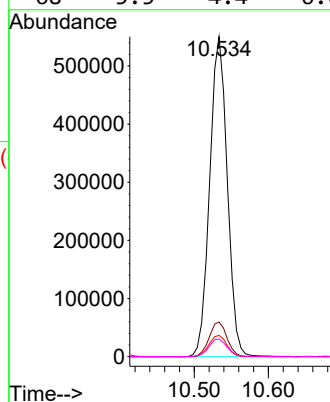
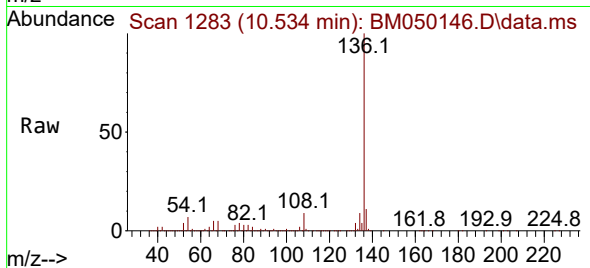
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.6 5.1 7.7

68 5.5 4.4 6.6



#22

Acetophenone

Concen: 42.888 ng

RT: 8.563 min Scan# 948

Delta R.T. -0.006 min

Lab File: BM050146.D

Acq: 08 May 2025 14:42

Tgt Ion:105 Resp: 967046

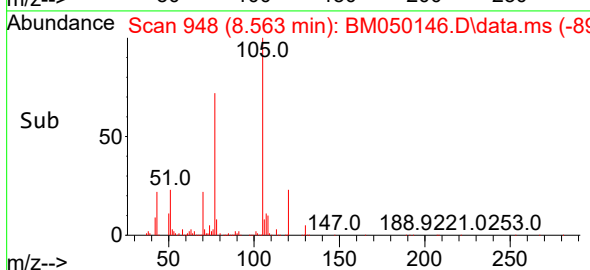
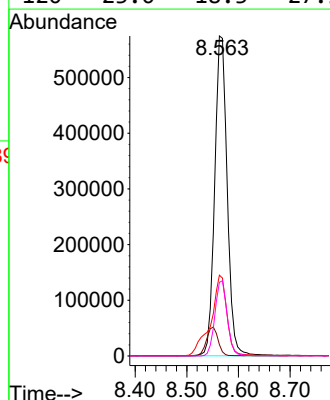
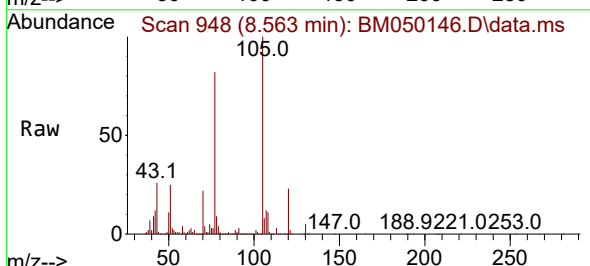
Ion Ratio Lower Upper

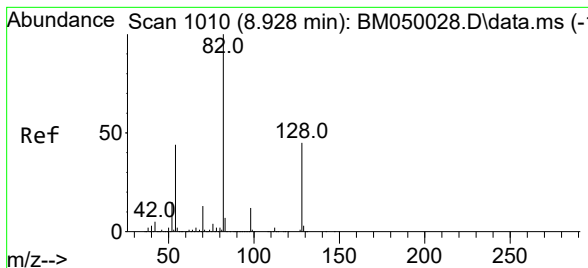
105 100

71 3.5 1.7 2.5

51 25.3 18.6 27.8

120 23.0 18.3 27.5

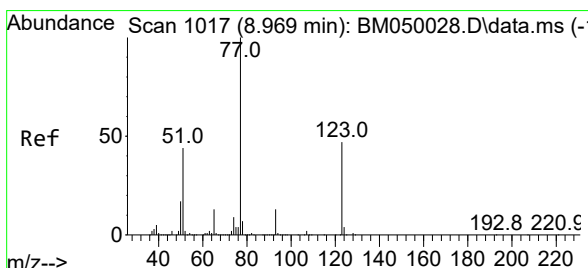
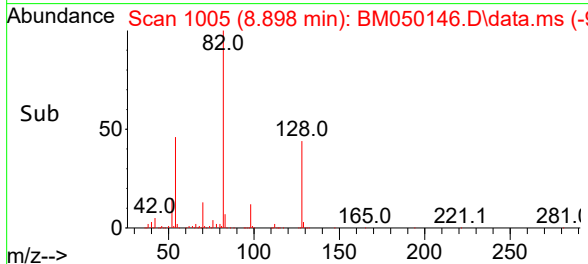
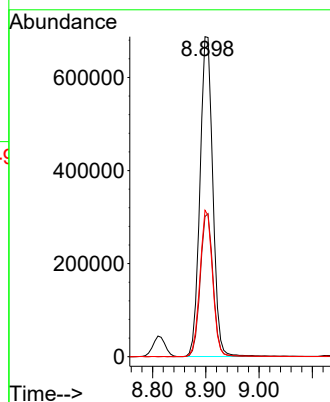
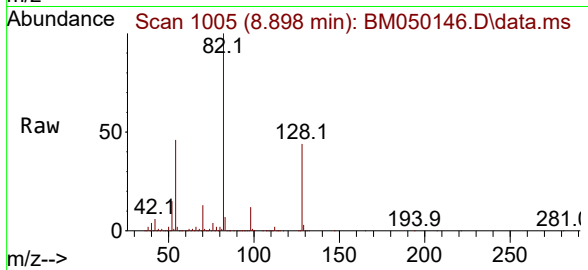




#23
Nitrobenzene-d5
Concen: 62.681 ng
RT: 8.898 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

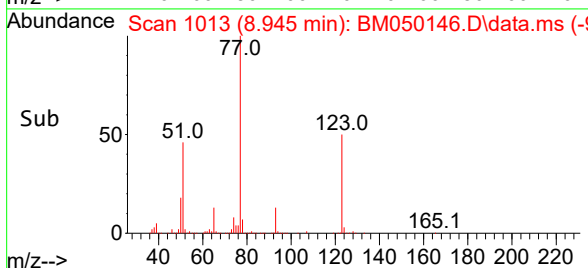
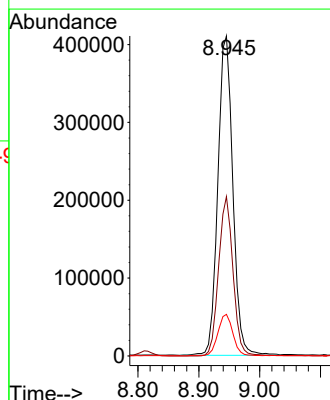
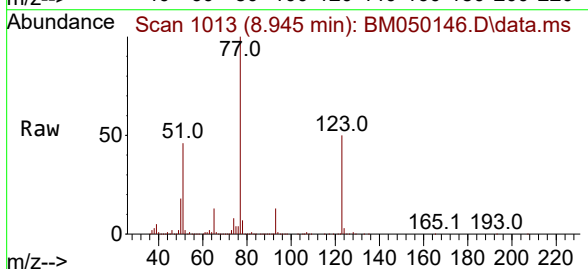
Instrument :
BNA_M
ClientSampleId :
MH-LLMS

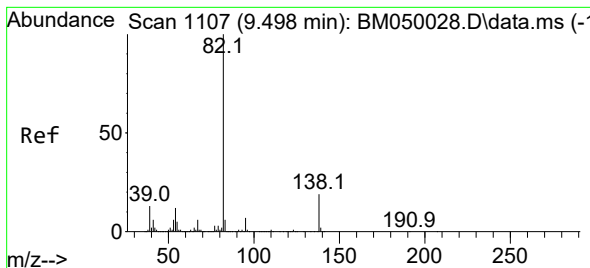
Tgt Ion: 82 Resp: 1153669
Ion Ratio Lower Upper
82 100
128 43.8 35.7 53.5
54 45.8 35.4 53.2



#24
Nitrobenzene
Concen: 43.934 ng
RT: 8.945 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Tgt Ion: 77 Resp: 699191
Ion Ratio Lower Upper
77 100
123 49.8 37.9 56.9
65 13.0 10.1 15.1





#25

Isophorone

Concen: 41.495 ng

RT: 9.469 min Scan# 1102

Delta R.T. -0.006 min

Lab File: BM050146.D

Acq: 08 May 2025 14:42

Instrument :

BNA_M

ClientSampleId :

MH-LLMS

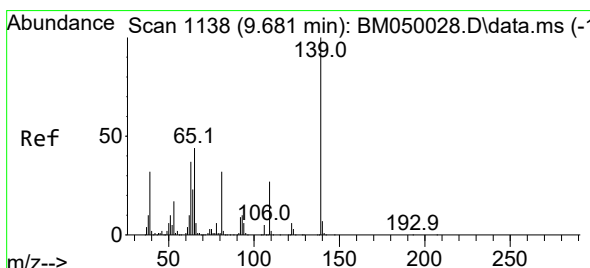
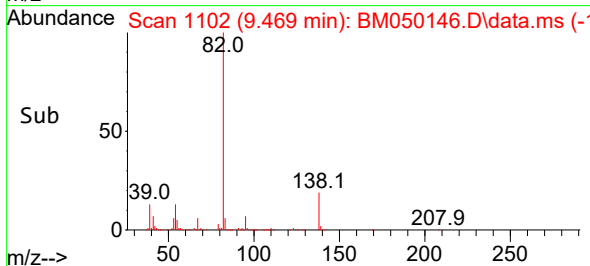
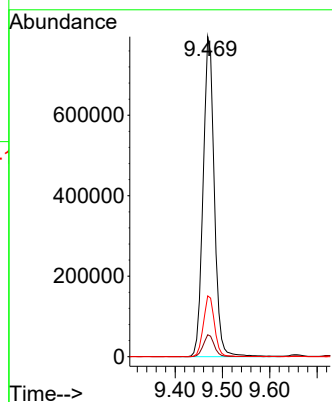
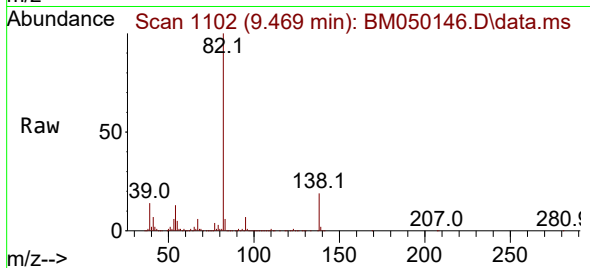
Tgt Ion: 82 Resp: 1301869

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

138 19.0 15.5 23.3



#26

2-Nitrophenol

Concen: 45.926 ng

RT: 9.657 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BM050146.D

Acq: 08 May 2025 14:42

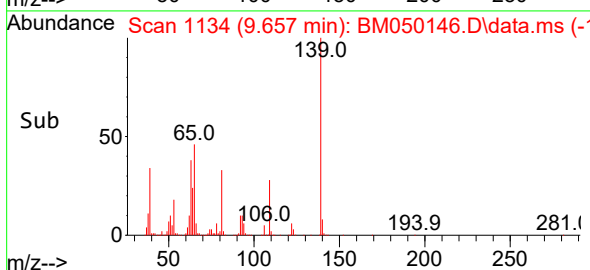
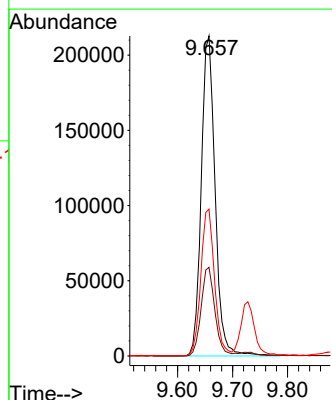
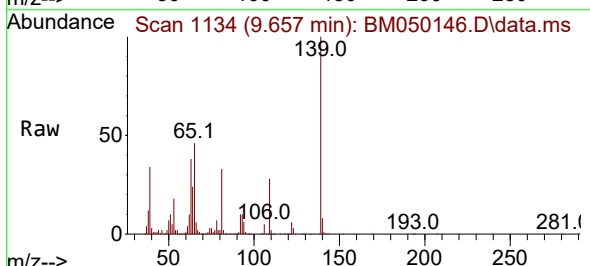
Tgt Ion:139 Resp: 373396

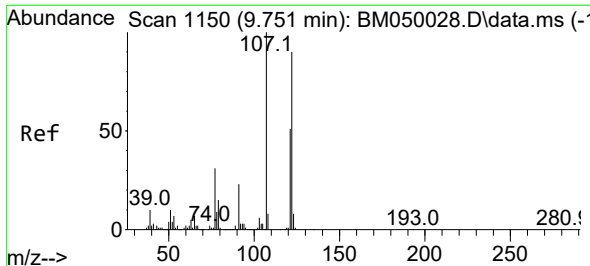
Ion Ratio Lower Upper

139 100

109 27.7 21.9 32.9

65 45.9 35.4 53.2

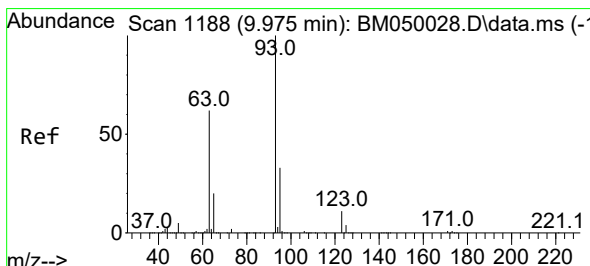
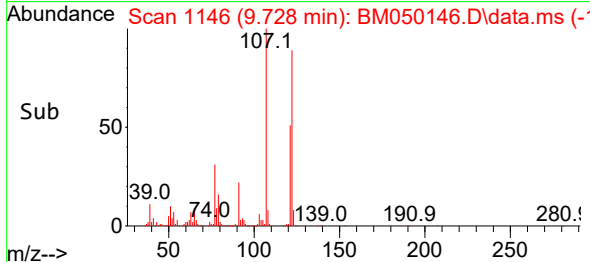
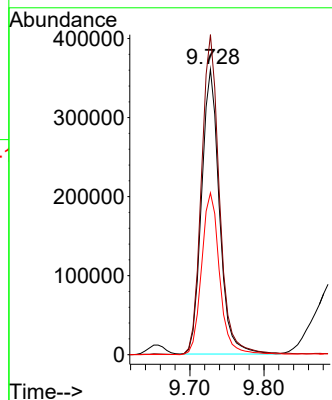
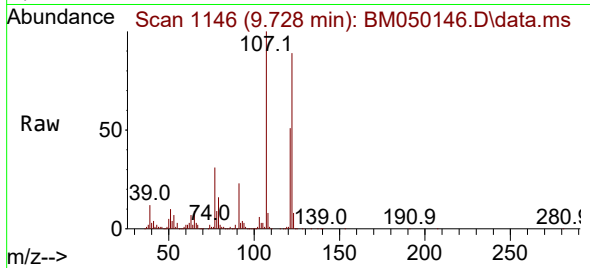




#27
2,4-Dimethylphenol
Concen: 44.745 ng
RT: 9.728 min Scan# 1146
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

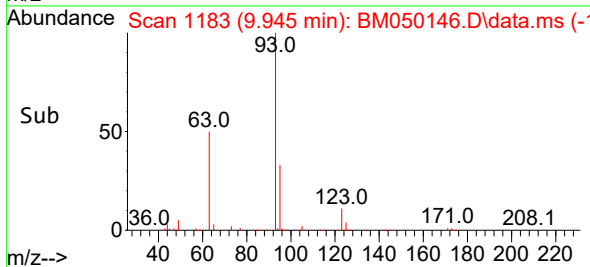
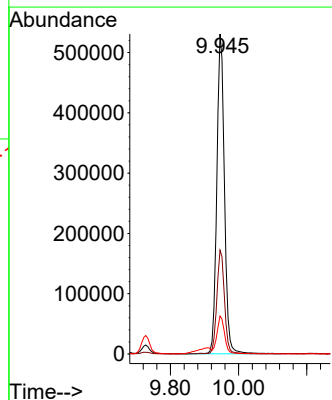
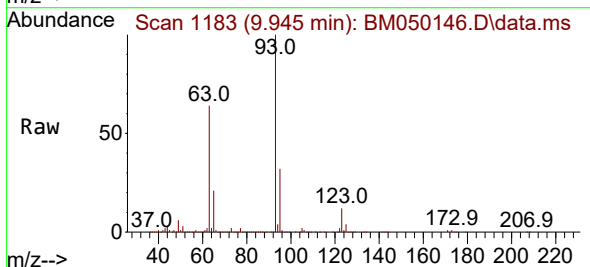
Instrument :
BNA_M
ClientSampleId :
MH-LLMS

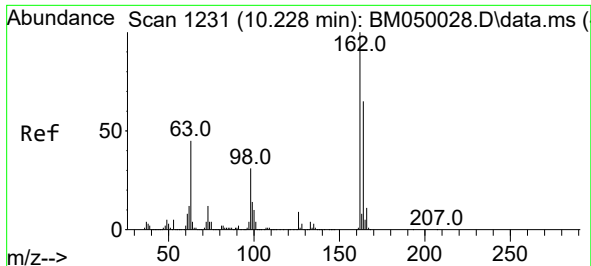
Tgt Ion:122 Resp: 603294
Ion Ratio Lower Upper
122 100
107 112.1 89.0 133.6
121 56.7 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 42.582 ng
RT: 9.945 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Tgt Ion: 93 Resp: 825737
Ion Ratio Lower Upper
93 100
95 32.4 26.1 39.1
123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 45.091 ng

RT: 10.210 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050146.D

Acq: 08 May 2025 14:42

Instrument :

BNA_M

ClientSampleId :

MH-LLMS

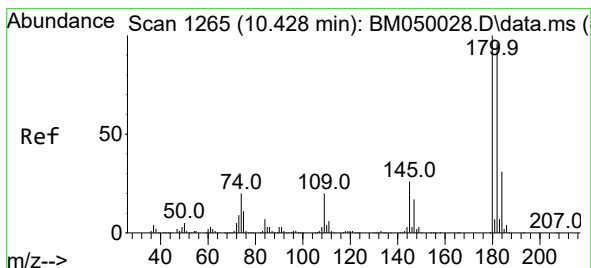
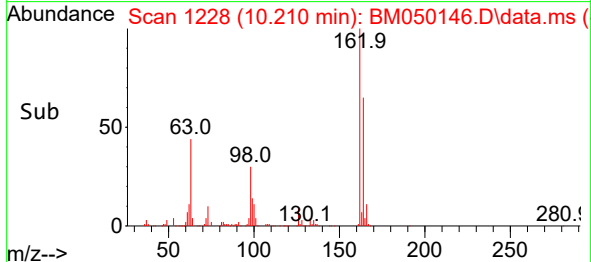
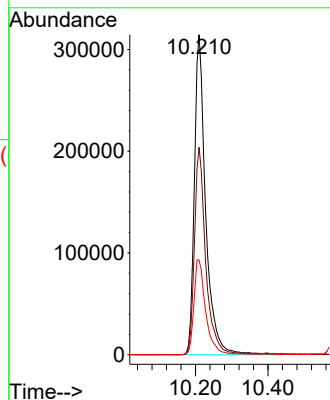
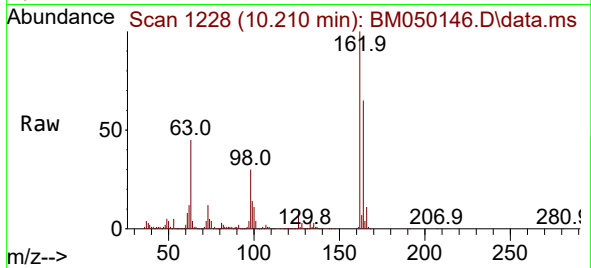
Tgt Ion:162 Resp: 681099

Ion Ratio Lower Upper

162 100

164 64.8 45.4 85.4

98 29.6 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 43.246 ng

RT: 10.398 min Scan# 1260

Delta R.T. -0.006 min

Lab File: BM050146.D

Acq: 08 May 2025 14:42

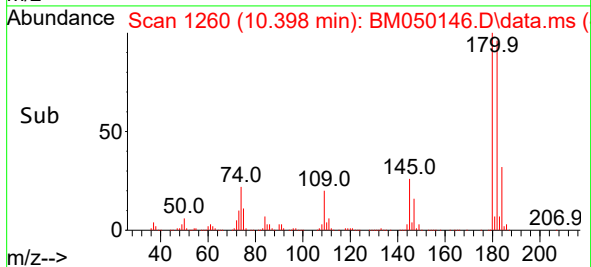
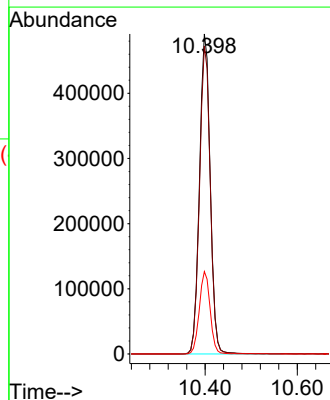
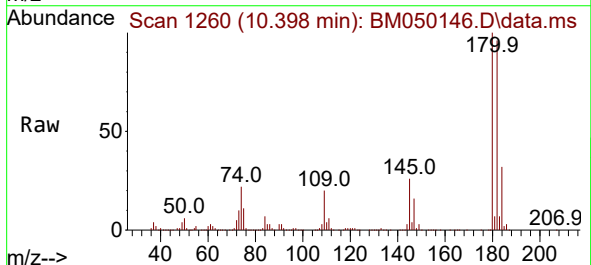
Tgt Ion:180 Resp: 795869

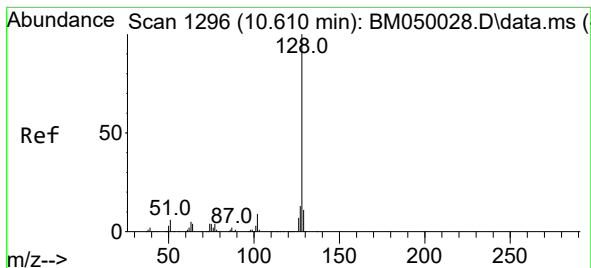
Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.4

145 25.8 20.6 30.8





#31

Naphthalene

Concen: 42.807 ng

RT: 10.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050146.D

Acq: 08 May 2025 14:42

Instrument :

BNA_M

ClientSampleId :

MH-LLMS

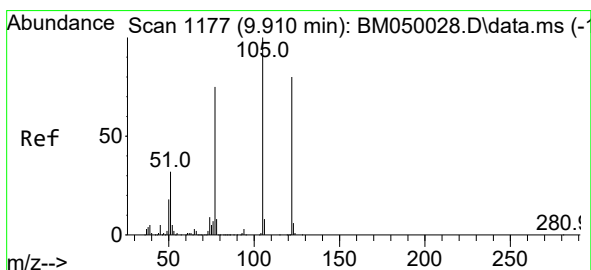
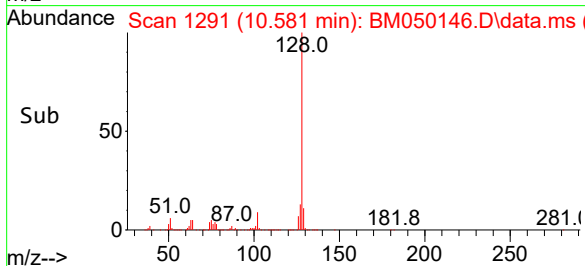
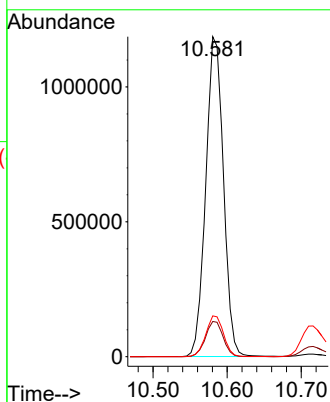
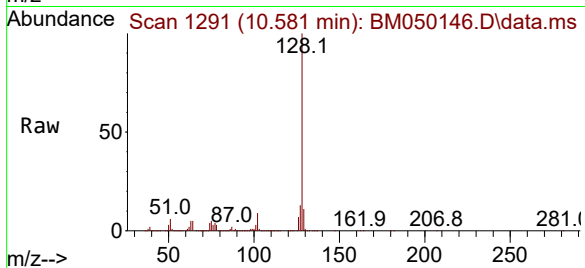
Tgt Ion:128 Resp: 1966145

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 12.7 10.4 15.6



#32

Benzoic acid

Concen: 47.234 ng

RT: 9.910 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BM050146.D

Acq: 08 May 2025 14:42

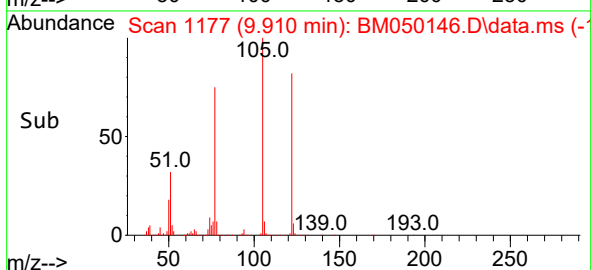
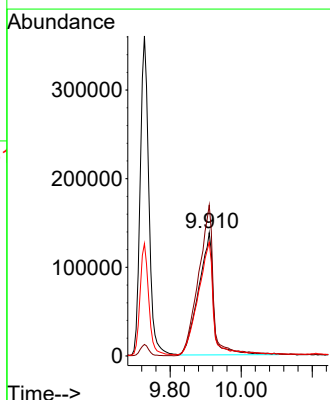
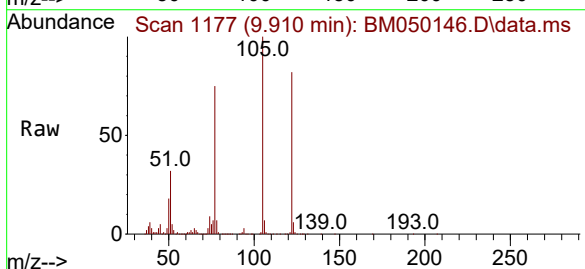
Tgt Ion:122 Resp: 407313

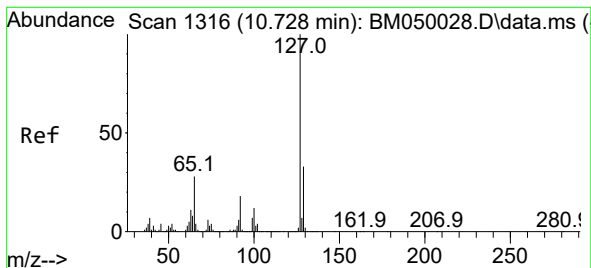
Ion Ratio Lower Upper

122 100

105 122.5 103.6 143.6

77 92.3 73.7 113.7





#33

4-Chloroaniline

Concen: 14.665 ng

RT: 10.716 min Scan# 1

Delta R.T. 0.012 min

Lab File: BM050146.D

Acq: 08 May 2025 14:42

Instrument :

BNA_M

ClientSampleId :

MH-LLMS

Tgt Ion:127 Resp: 276078

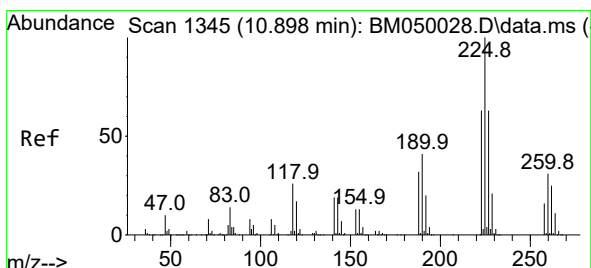
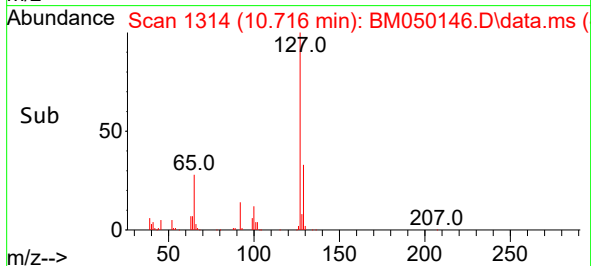
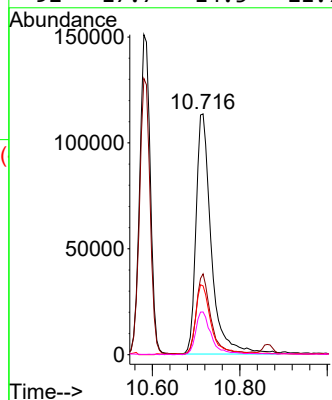
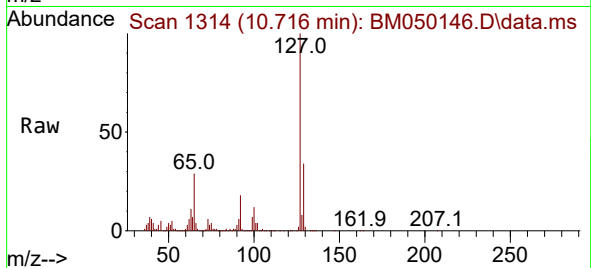
Ion Ratio Lower Upper

127 100

129 33.6 26.3 39.5

65 28.6 22.5 33.7

92 17.7 14.5 21.7



#34

Hexachlorobutadiene

Concen: 43.481 ng

RT: 10.863 min Scan# 1339

Delta R.T. -0.006 min

Lab File: BM050146.D

Acq: 08 May 2025 14:42

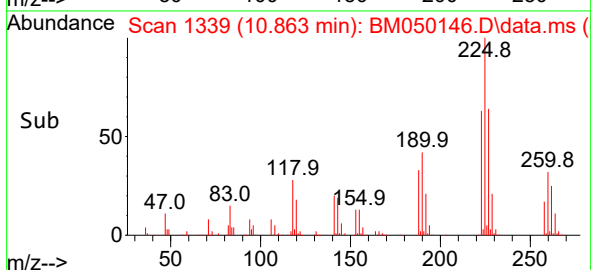
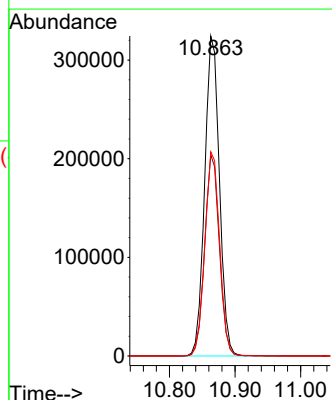
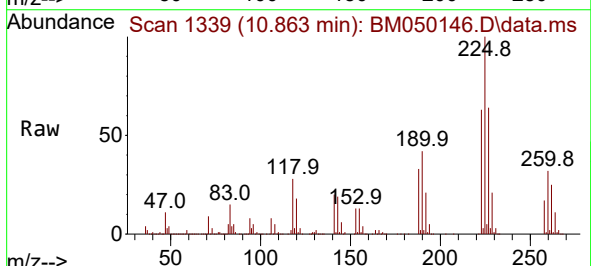
Tgt Ion:225 Resp: 507937

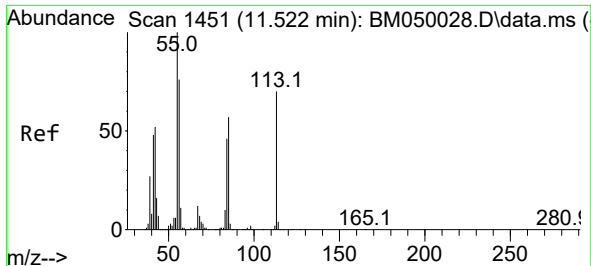
Ion Ratio Lower Upper

225 100

223 62.9 50.2 75.2

227 63.8 50.6 76.0

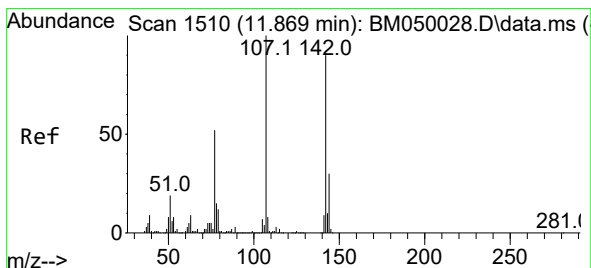
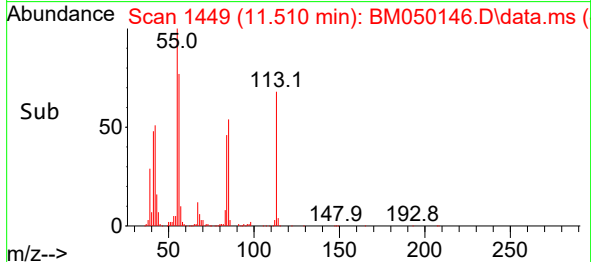
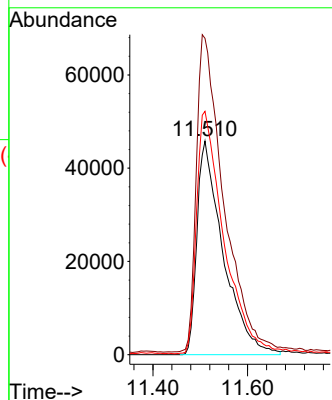
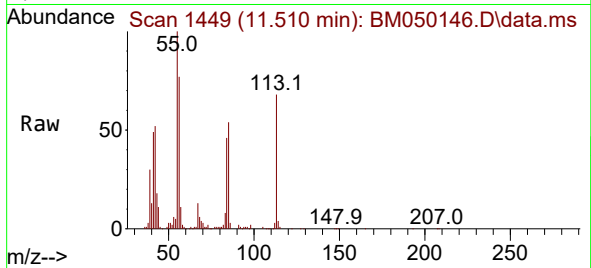




#35
Caprolactam
Concen: 39.920 ng
RT: 11.510 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

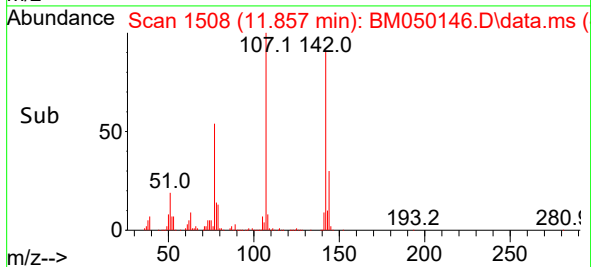
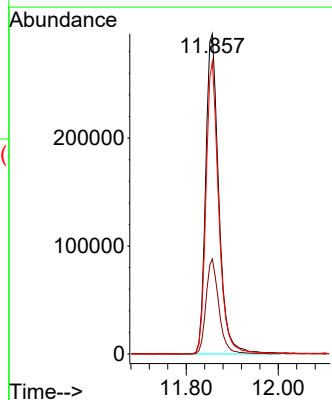
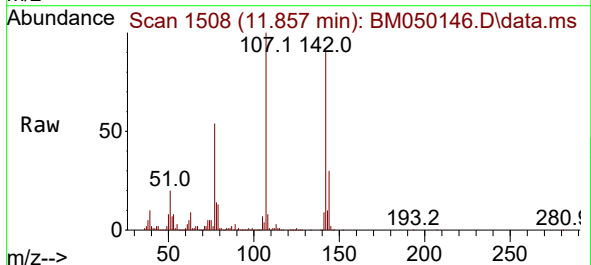
Instrument :
BNA_M
ClientSampleId :
MH-LLMS

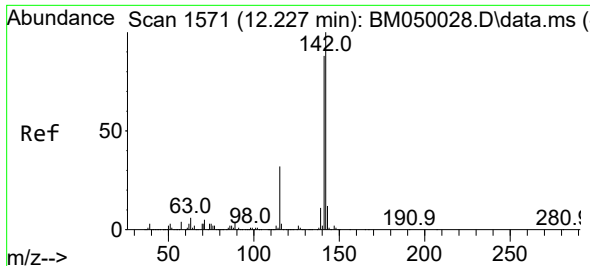
Tgt Ion:113 Resp: 175814
Ion Ratio Lower Upper
113 100
55 148.1 122.9 162.9
56 113.9 88.1 128.1



#36
4-Chloro-3-methylphenol
Concen: 42.198 ng
RT: 11.857 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Tgt Ion:107 Resp: 588875
Ion Ratio Lower Upper
107 100
144 29.7 23.8 35.6
142 91.4 71.9 107.9

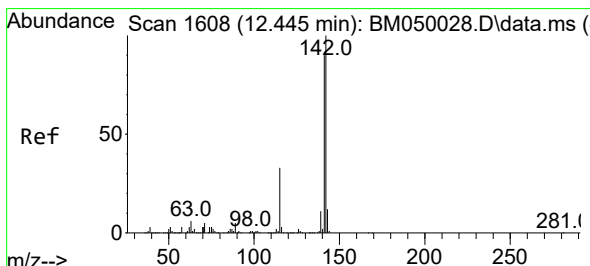
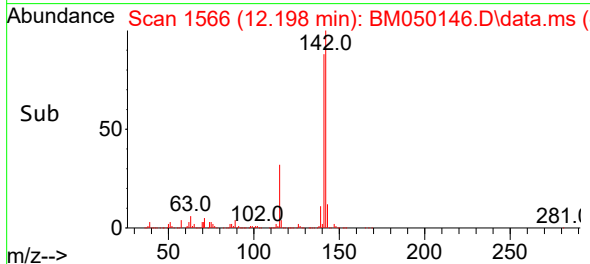
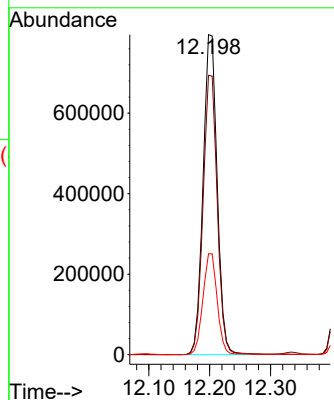
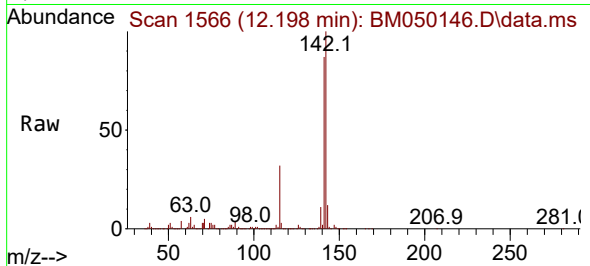




#37
2-Methylnaphthalene
Concen: 41.511 ng
RT: 12.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

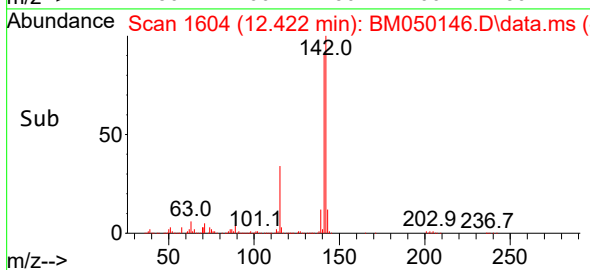
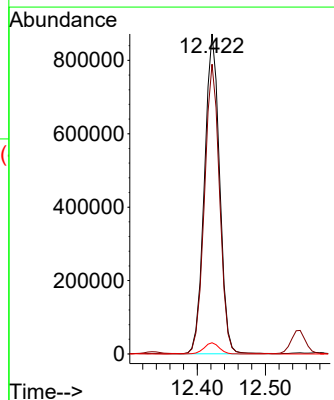
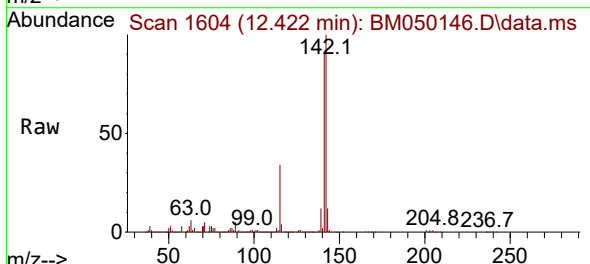
Instrument :
BNA_M
ClientSampleId :
MH-LLMS

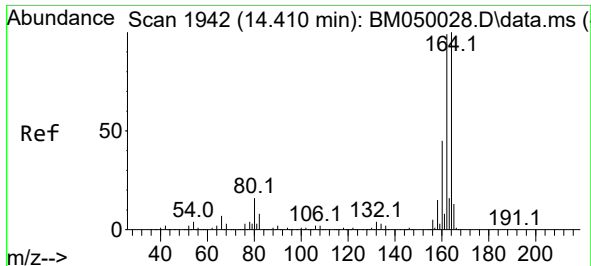
Tgt Ion:142 Resp: 1278304
Ion Ratio Lower Upper
142 100
141 87.3 70.4 105.6
115 31.6 25.4 38.2



#38
1-Methylnaphthalene
Concen: 41.260 ng
RT: 12.422 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Tgt Ion:142 Resp: 1344615
Ion Ratio Lower Upper
142 100
141 90.6 72.1 108.1
116 3.5 2.7 4.1

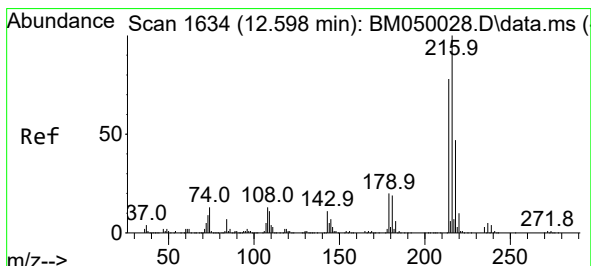
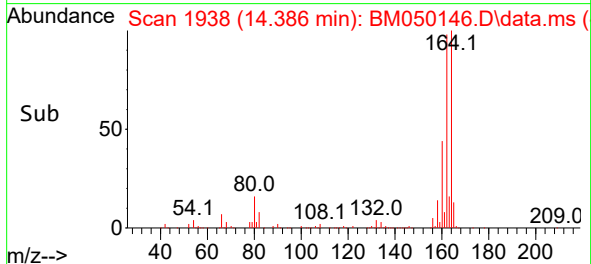
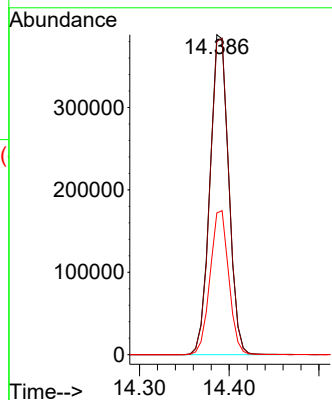
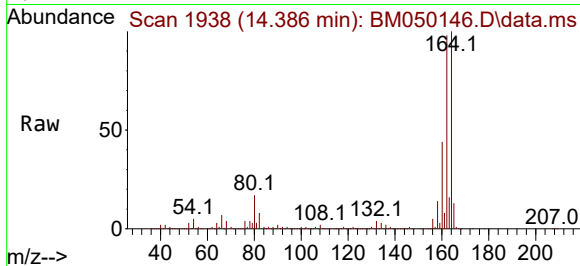




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.386 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

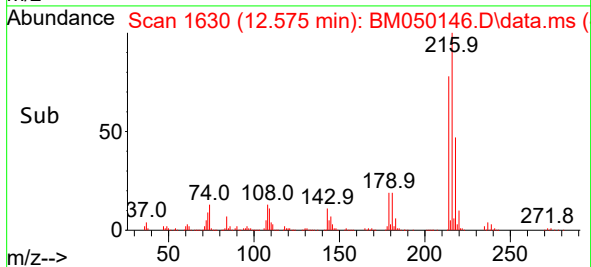
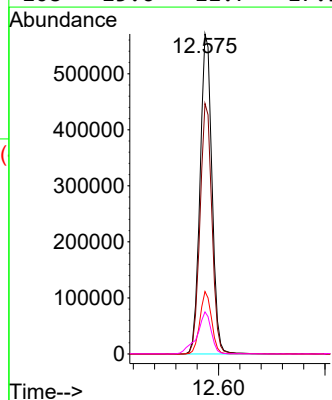
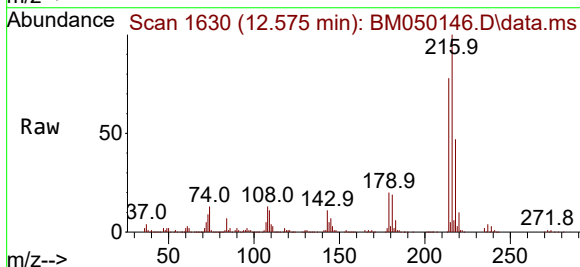
Instrument :
BNA_M
ClientSampleId :
MH-LLMS

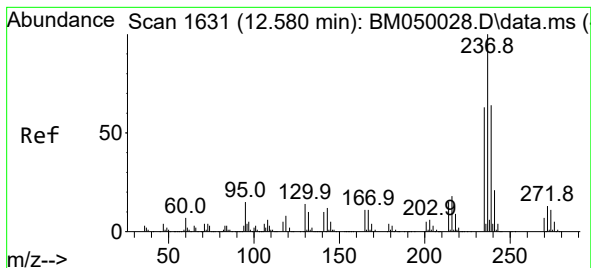
Tgt Ion:164 Resp: 562871
Ion Ratio Lower Upper
164 100
162 97.8 79.4 119.0
160 44.3 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.429 ng
RT: 12.575 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Tgt Ion:216 Resp: 885191
Ion Ratio Lower Upper
216 100
214 78.4 62.3 93.5
179 19.2 15.4 23.0
108 15.6 11.7 17.5

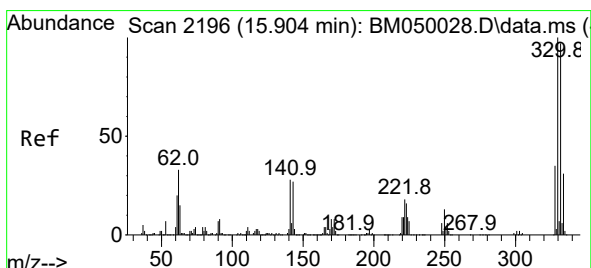
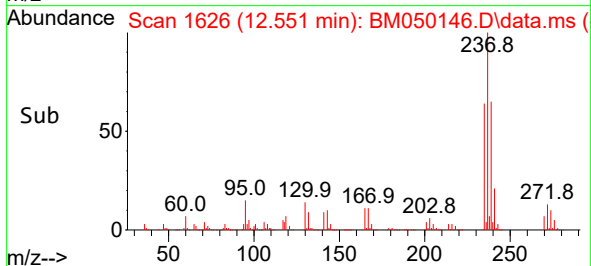
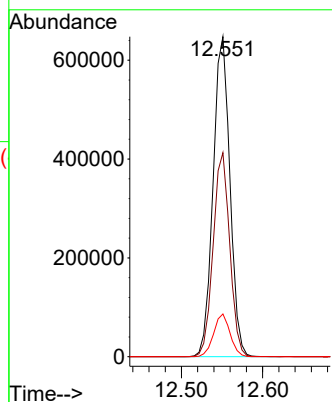
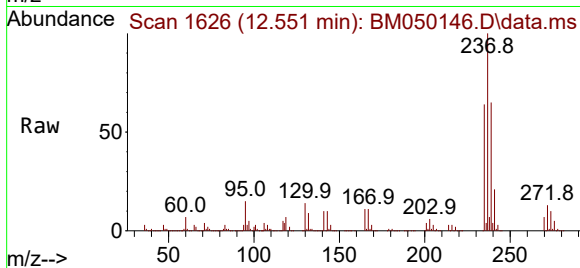




#41
Hexachlorocyclopentadiene
Concen: 78.168 ng
RT: 12.551 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

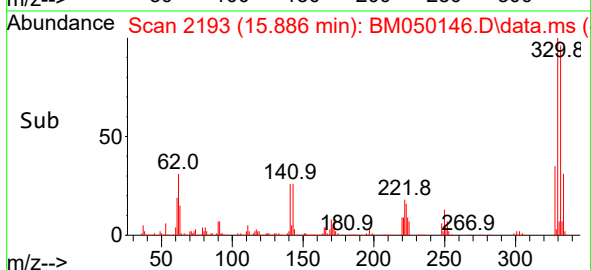
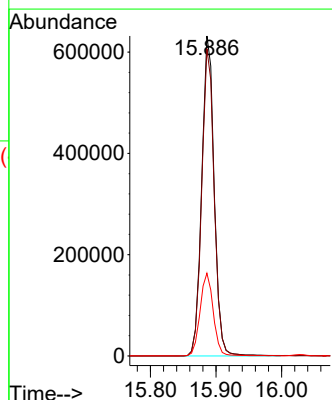
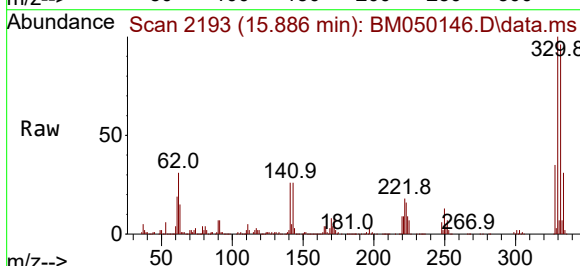
Instrument :
BNA_M
ClientSampleId :
MH-LLMS

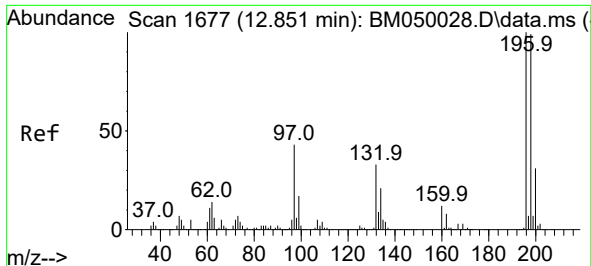
Tgt Ion:237 Resp: 930801
Ion Ratio Lower Upper
237 100
235 63.8 42.9 82.9
272 13.3 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 100.740 ng
RT: 15.886 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Tgt Ion:330 Resp: 838438
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 27.3 22.5 33.7

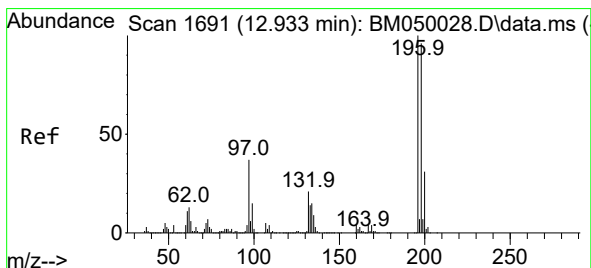
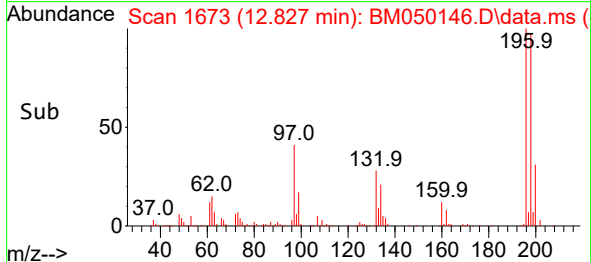
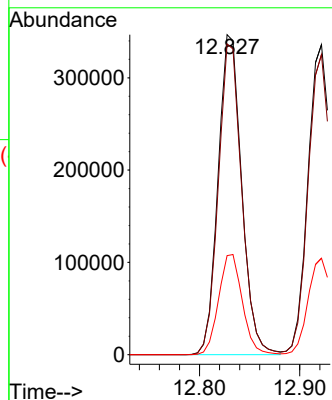
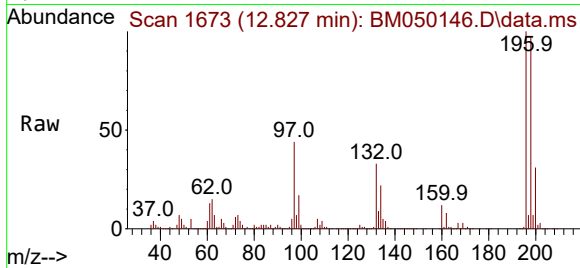




#43
2,4,6-Trichlorophenol
Concen: 45.951 ng
RT: 12.827 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

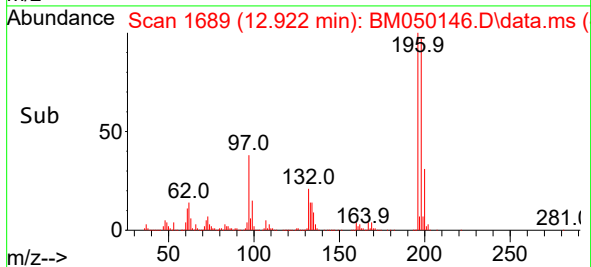
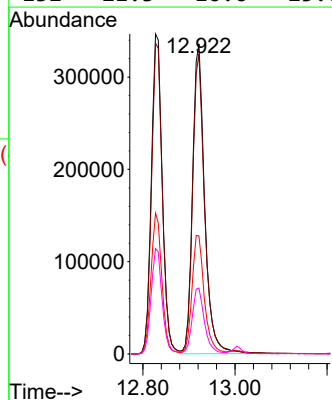
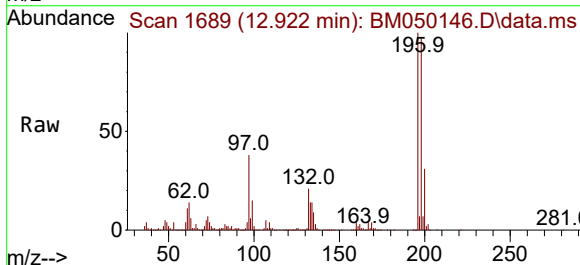
Instrument :
BNA_M
ClientSampleId :
MH-LLMS

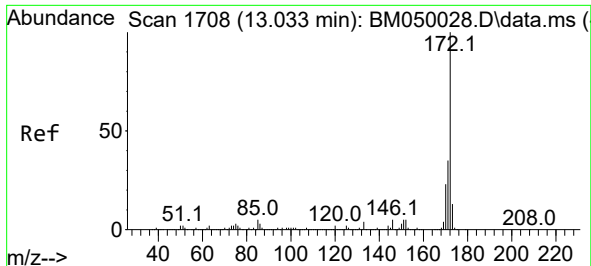
Tgt Ion:196 Resp: 567896
Ion Ratio Lower Upper
196 100
198 97.1 79.0 118.6
200 30.9 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 45.991 ng
RT: 12.922 min Scan# 1689
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Tgt Ion:196 Resp: 612924
Ion Ratio Lower Upper
196 100
198 96.8 76.7 115.1
97 38.1 30.1 45.1
132 21.3 16.6 25.0

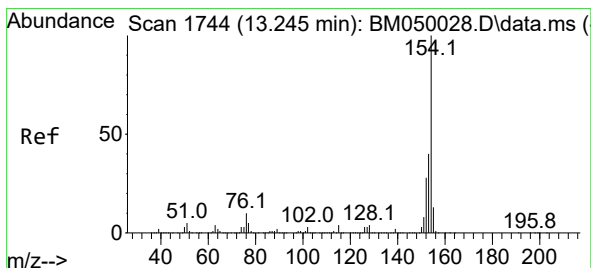
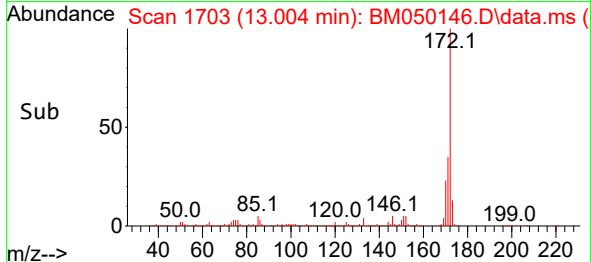
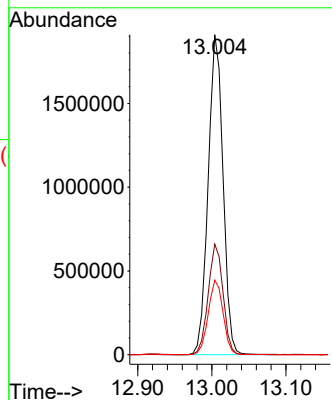
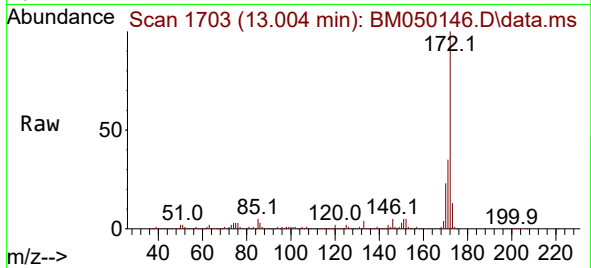




#45
2-Fluorobiphenyl
Concen: 55.921 ng
RT: 13.004 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

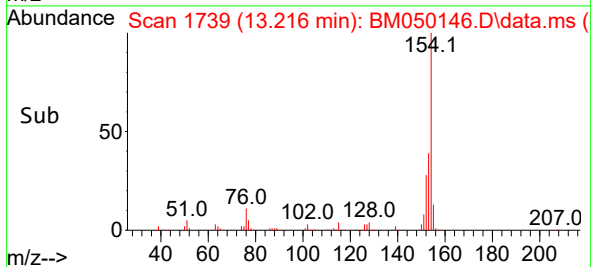
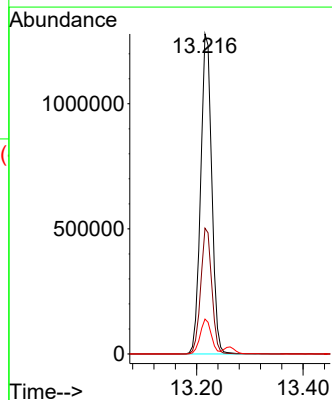
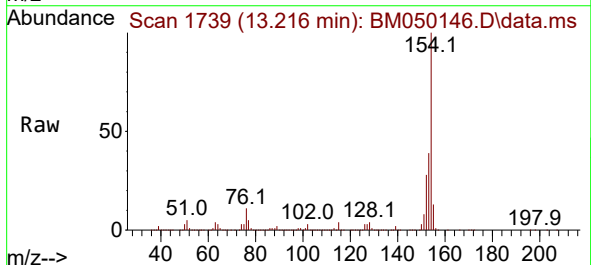
Instrument :
BNA_M
ClientSampleId :
MH-LLMS

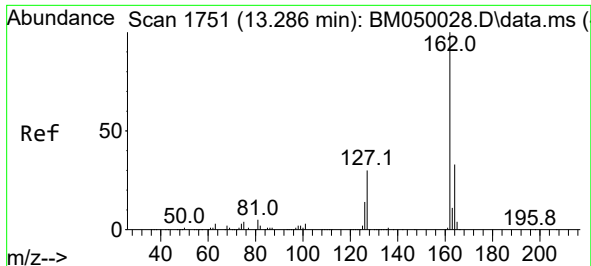
Tgt Ion:172 Resp: 2660755
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 44.144 ng
RT: 13.216 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Tgt Ion:154 Resp: 1847009
Ion Ratio Lower Upper
154 100
153 39.3 20.0 60.0
76 10.9 0.0 30.3

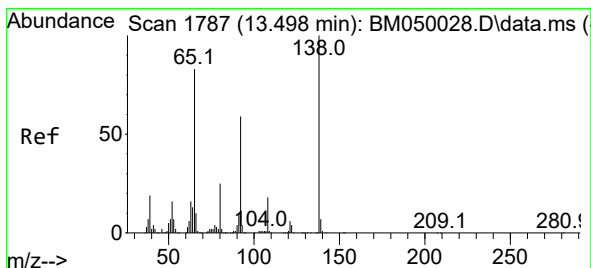
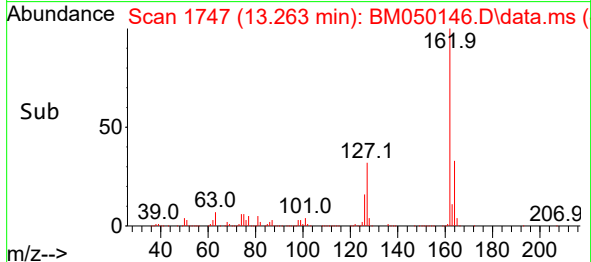
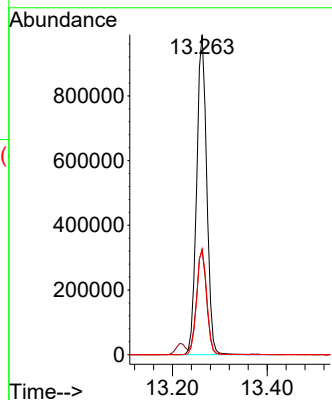
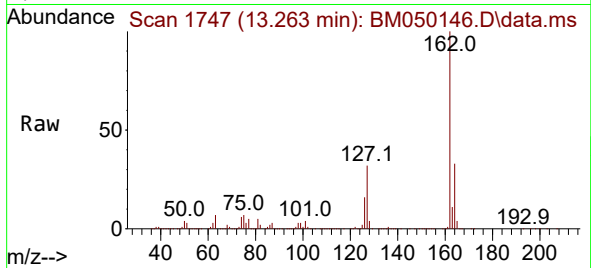




#47
2-Chloronaphthalene
Concen: 44.111 ng
RT: 13.263 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

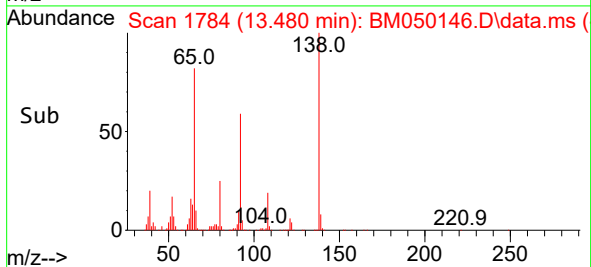
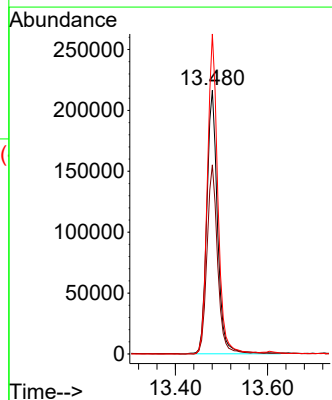
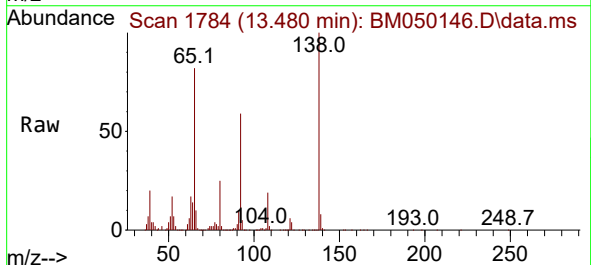
Instrument :
BNA_M
ClientSampleId :
MH-LLMS

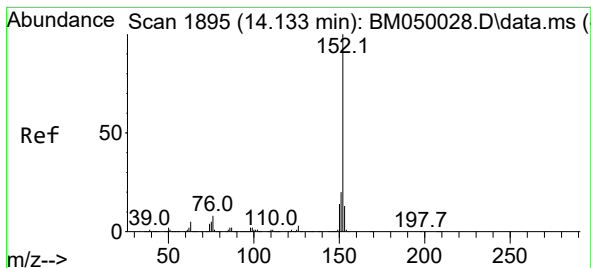
Tgt Ion:162 Resp: 1461752
Ion Ratio Lower Upper
162 100
127 32.5 25.9 38.9
164 33.1 26.6 40.0



#48
2-Nitroaniline
Concen: 45.323 ng
RT: 13.480 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Tgt Ion: 65 Resp: 352501
Ion Ratio Lower Upper
65 100
92 71.7 57.1 85.7
138 121.3 97.0 145.4





#49

Acenaphthylene

Concen: 43.030 ng

RT: 14.110 min Scan# 1891

Delta R.T. -0.006 min

Lab File: BM050146.D

Acq: 08 May 2025 14:42

Instrument :

BNA_M

ClientSampleId :

MH-LLMS

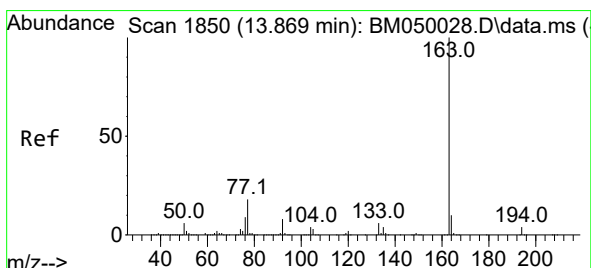
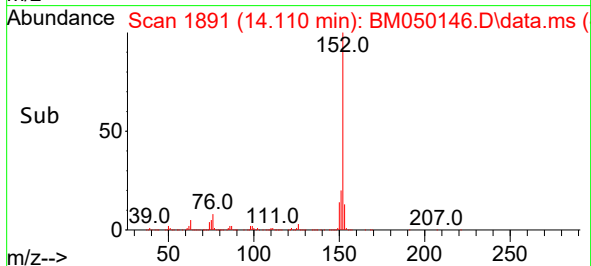
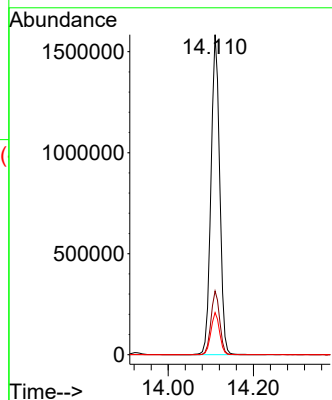
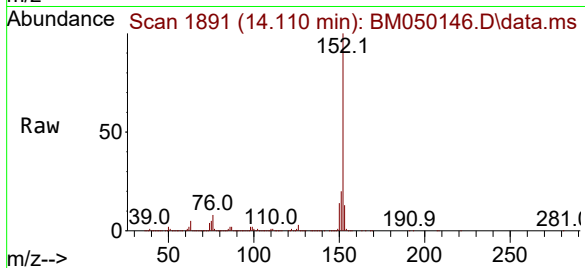
Tgt Ion:152 Resp: 2248257

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 42.091 ng

RT: 13.851 min Scan# 1847

Delta R.T. -0.000 min

Lab File: BM050146.D

Acq: 08 May 2025 14:42

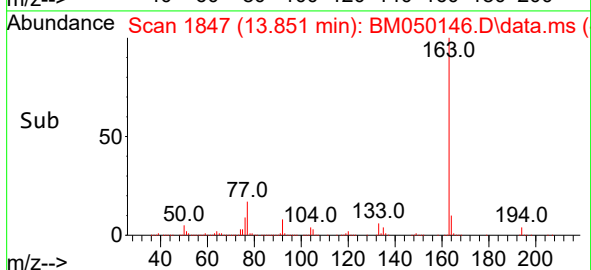
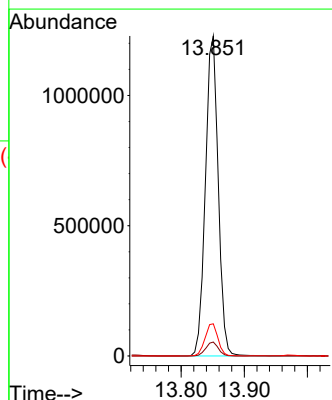
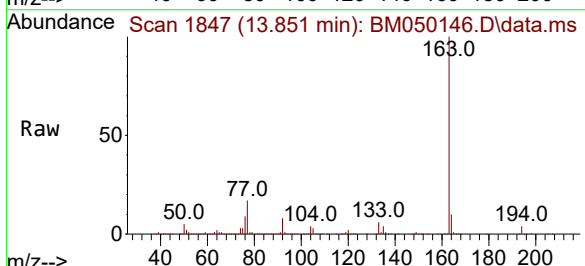
Tgt Ion:163 Resp: 1731408

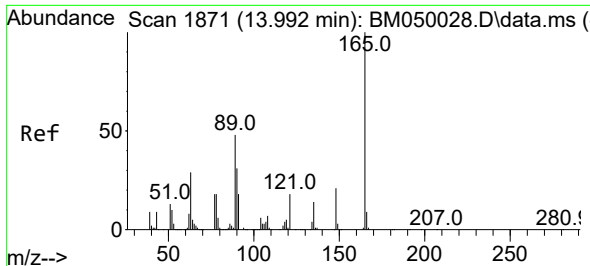
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 10.1 8.2 12.2

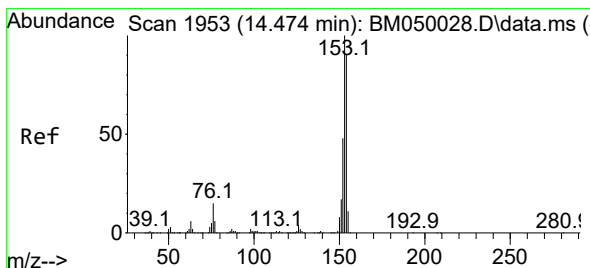
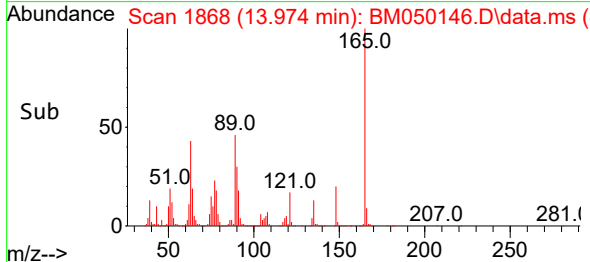
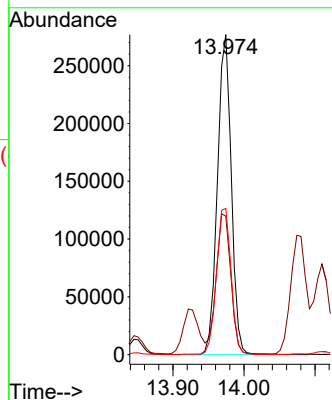
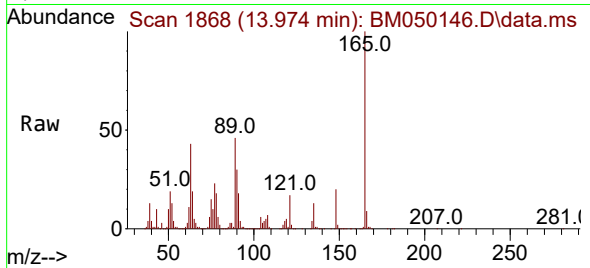




#51
2,6-Dinitrotoluene
Concen: 43.891 ng
RT: 13.974 min Scan# 1868
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

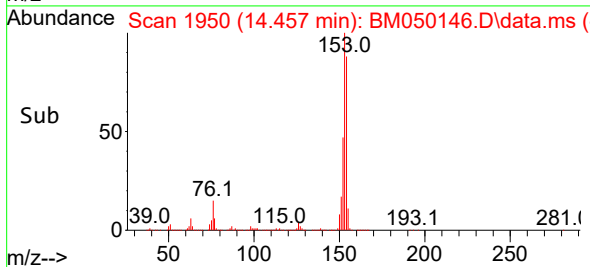
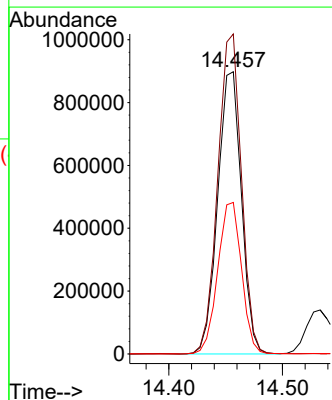
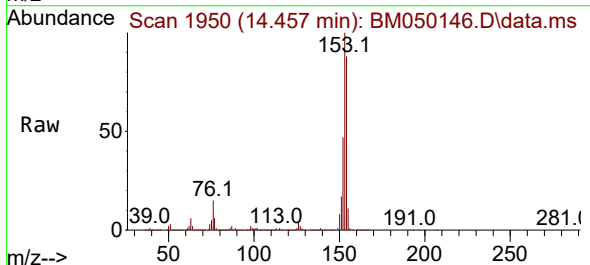
Instrument :
BNA_M
ClientSampleId :
MH-LLMS

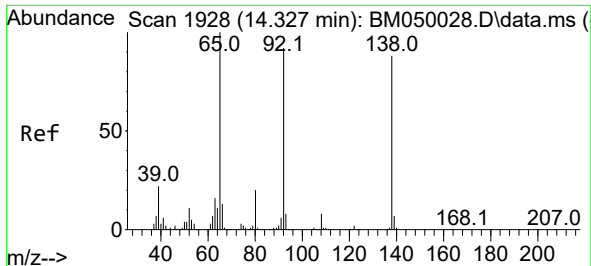
Tgt Ion:165 Resp: 373814
Ion Ratio Lower Upper
165 100
63 43.3 35.1 52.7
89 45.7 38.4 57.6



#52
Acenaphthene
Concen: 43.143 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Tgt Ion:154 Resp: 1304787
Ion Ratio Lower Upper
154 100
153 113.4 89.0 133.4
152 53.7 43.0 64.6

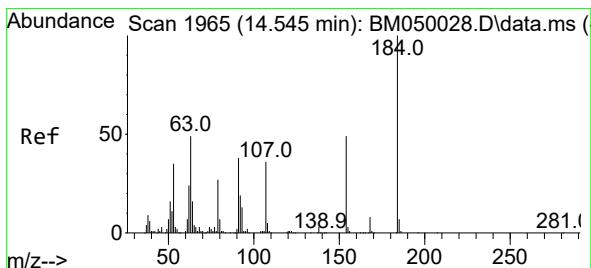
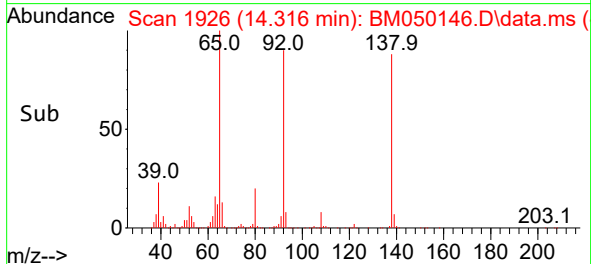
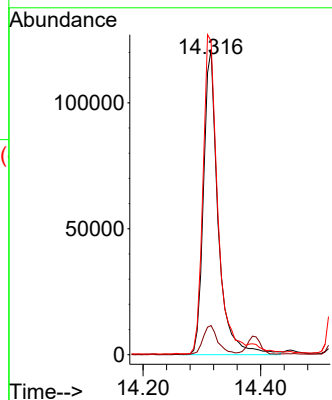
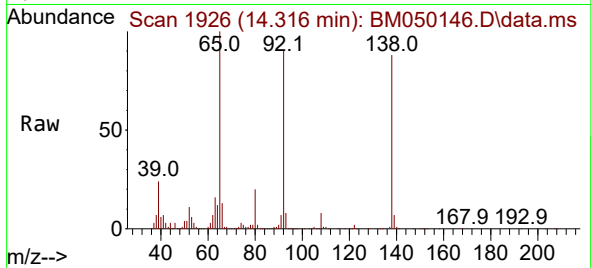




#53
3-Nitroaniline
Concen: 25.802 ng
RT: 14.316 min Scan# 1926
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

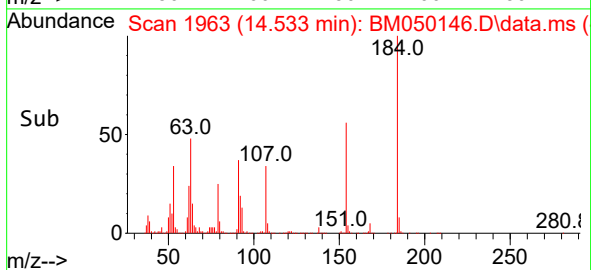
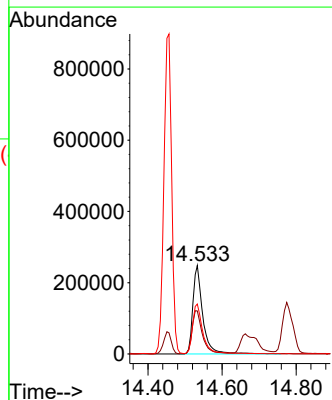
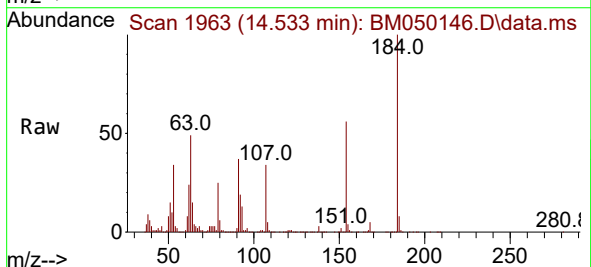
Instrument :
BNA_M
ClientSampleId :
MH-LLMS

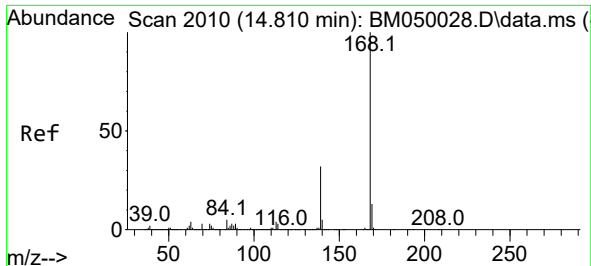
Tgt Ion:138 Resp: 209802
Ion Ratio Lower Upper
138 100
108 9.5 7.4 11.2
92 102.8 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 84.226 ng
RT: 14.533 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Tgt Ion:184 Resp: 460854
Ion Ratio Lower Upper
184 100
63 48.6 39.8 59.6
154 56.4 46.1 69.1

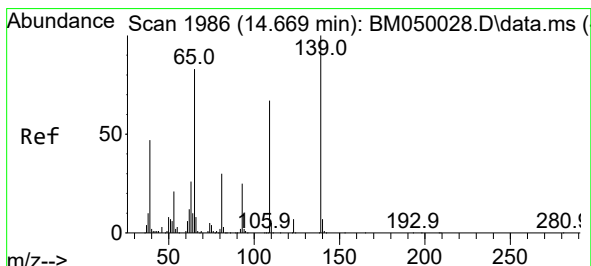
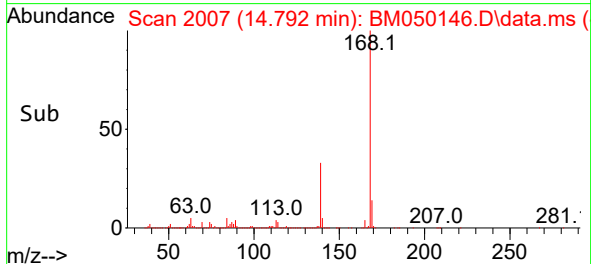
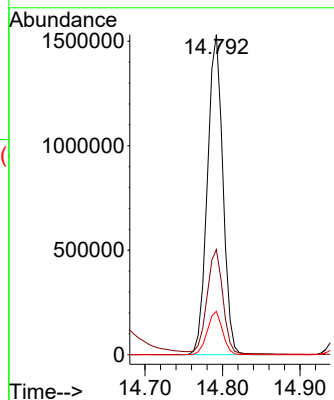
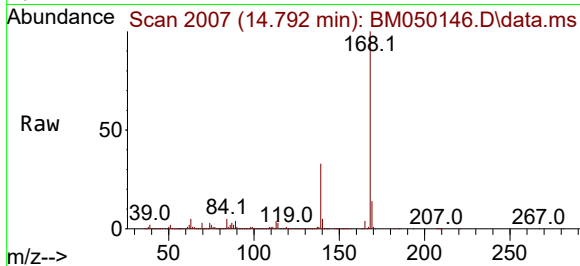




#55
Dibenzenofuran
Concen: 42.217 ng
RT: 14.792 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

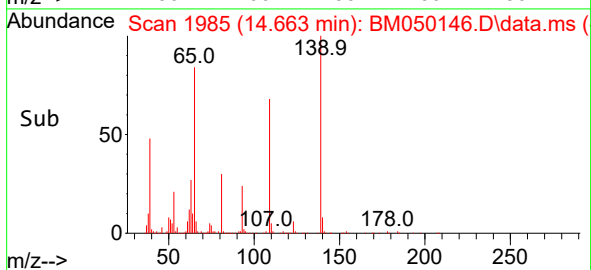
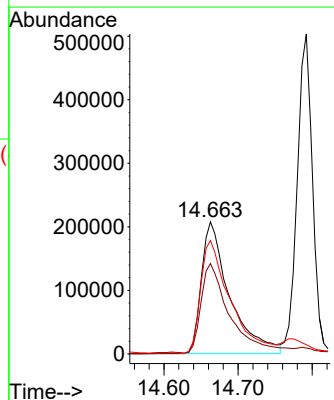
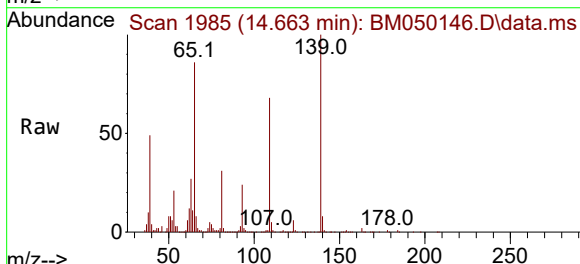
Instrument :
BNA_M
ClientSampleId :
MH-LLMS

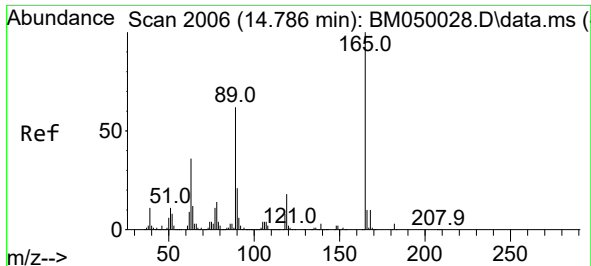
Tgt Ion:168 Resp: 2124279
Ion Ratio Lower Upper
168 100
139 32.9 26.1 39.1
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 82.890 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Tgt Ion:139 Resp: 549471
Ion Ratio Lower Upper
139 100
109 68.4 47.0 87.0
65 85.9 64.3 104.3





#57

2,4-Dinitrotoluene

Concen: 43.835 ng

RT: 14.774 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BM050146.D

Acq: 08 May 2025 14:42

Instrument :

BNA_M

ClientSampleId :

MH-LLMS

Tgt Ion:165 Resp: 515870

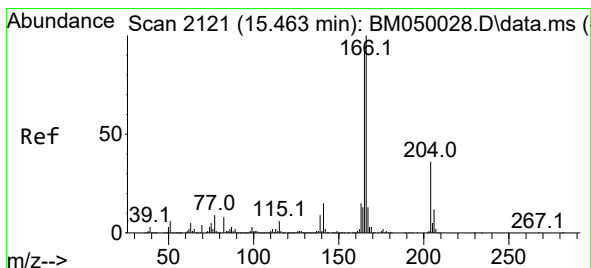
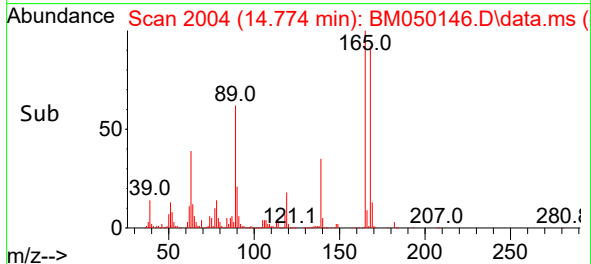
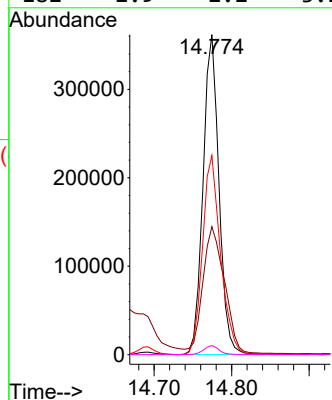
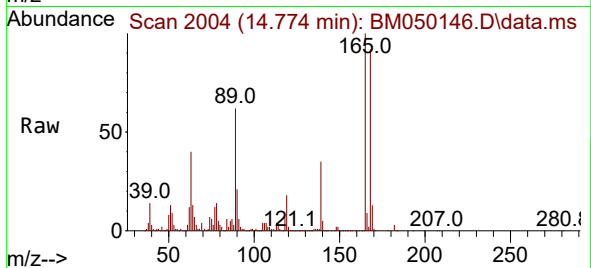
Ion Ratio Lower Upper

165 100

63 40.0 29.0 43.6

89 62.2 49.4 74.2

182 2.9 2.2 3.2



#58

Fluorene

Concen: 42.426 ng

RT: 15.439 min Scan# 2117

Delta R.T. -0.006 min

Lab File: BM050146.D

Acq: 08 May 2025 14:42

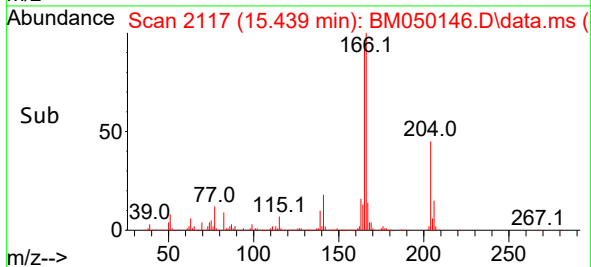
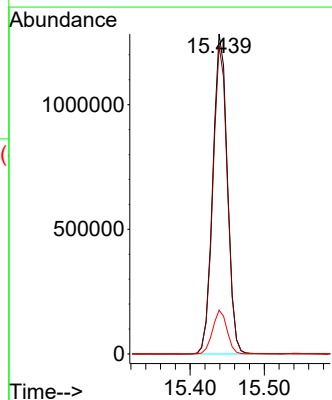
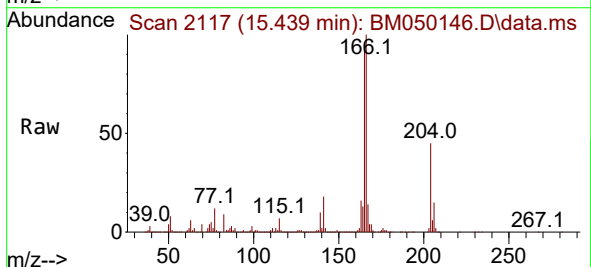
Tgt Ion:166 Resp: 1747395

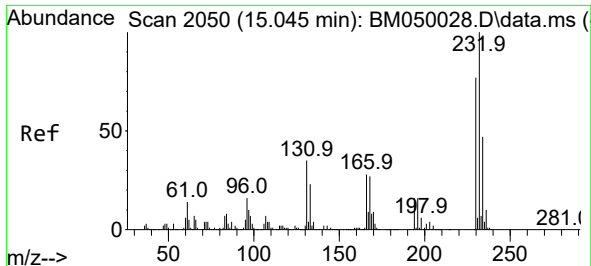
Ion Ratio Lower Upper

166 100

165 96.4 76.6 115.0

167 13.7 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.179 ng

RT: 15.033 min Scan# 2048

Delta R.T. -0.000 min

Lab File: BM050146.D

Acq: 08 May 2025 14:42

Instrument :

BNA_M

ClientSampleId :

MH-LLMS

Tgt Ion:232 Resp: 486575

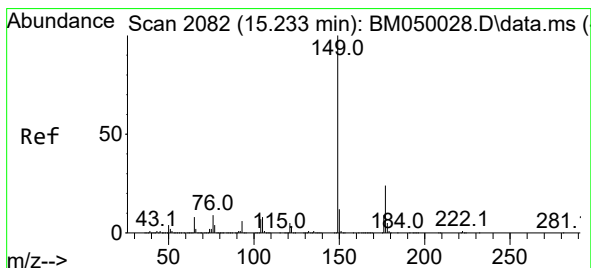
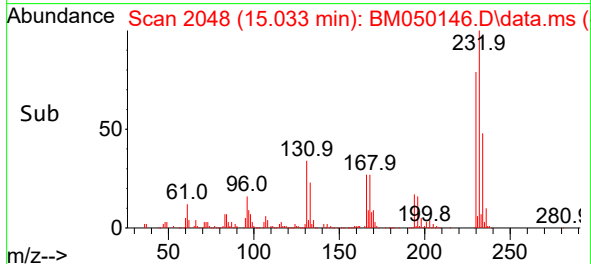
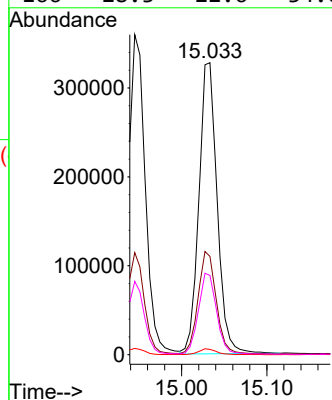
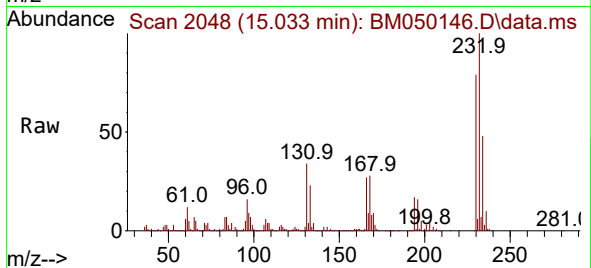
Ion Ratio Lower Upper

232 100

131 35.5 28.2 42.4

130 2.1 1.5 2.3

166 28.3 22.6 34.0



#60

Diethylphthalate

Concen: 40.599 ng

RT: 15.216 min Scan# 2079

Delta R.T. -0.000 min

Lab File: BM050146.D

Acq: 08 May 2025 14:42

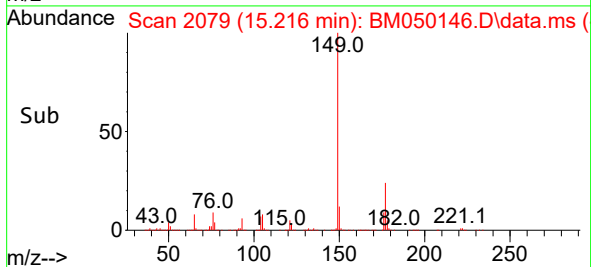
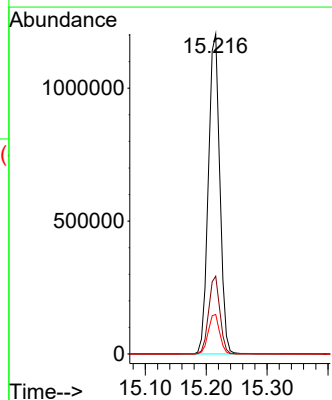
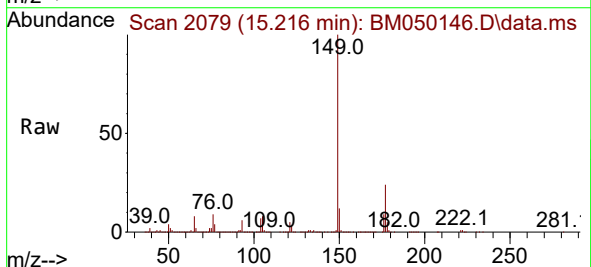
Tgt Ion:149 Resp: 1573625

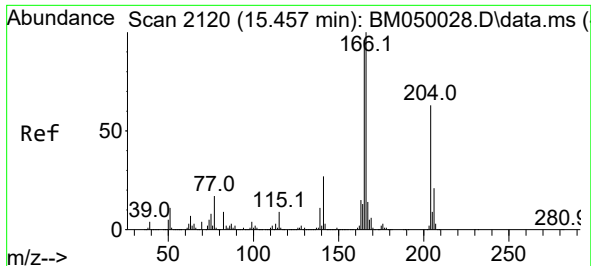
Ion Ratio Lower Upper

149 100

177 24.3 19.1 28.7

150 12.4 9.6 14.4

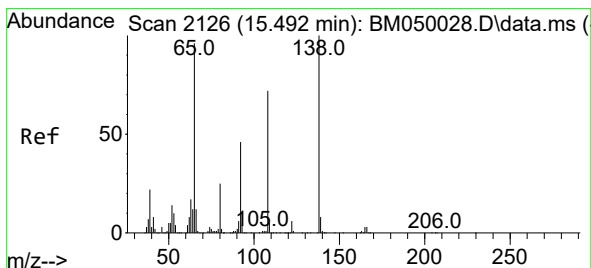
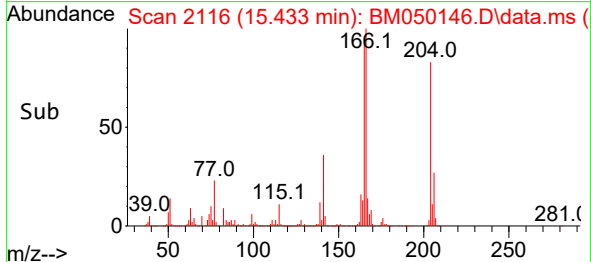
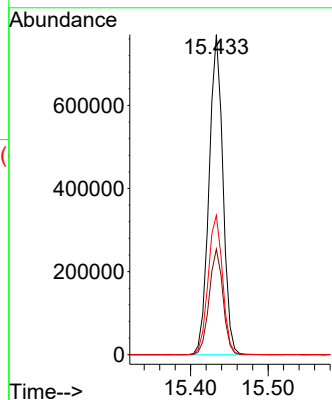
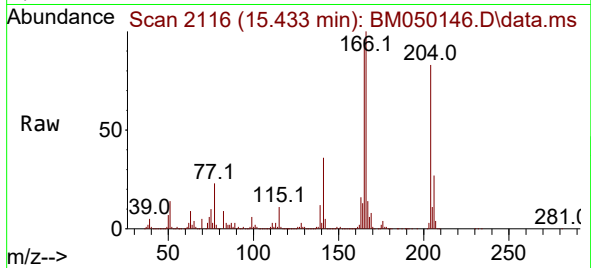




#61
4-Chlorophenyl-phenylether
Concen: 42.217 ng
RT: 15.433 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

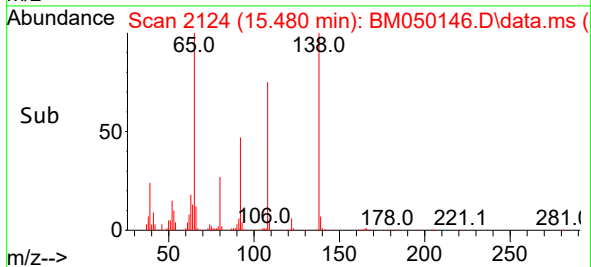
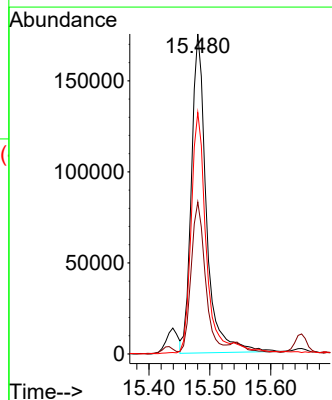
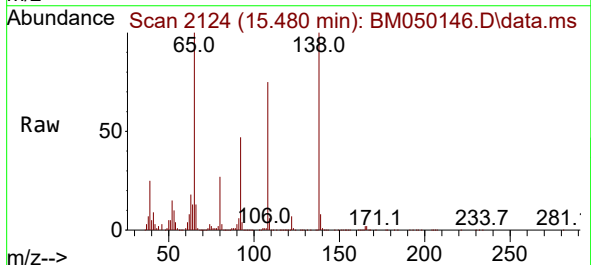
Instrument :
BNA_M
ClientSampleId :
MH-LLMS

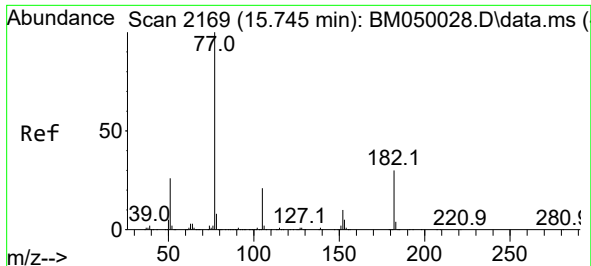
Tgt Ion:204 Resp: 955055
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 43.5 34.0 51.0



#62
4-Nitroaniline
Concen: 38.218 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Tgt Ion:138 Resp: 299821
Ion Ratio Lower Upper
138 100
92 47.5 25.9 65.9
108 75.5 52.4 92.4

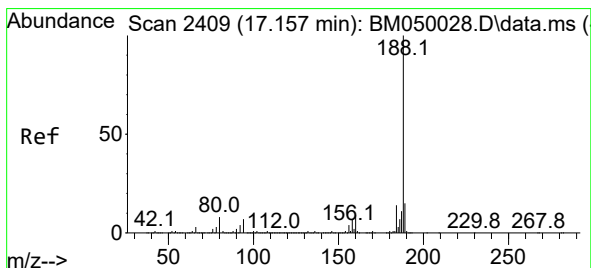
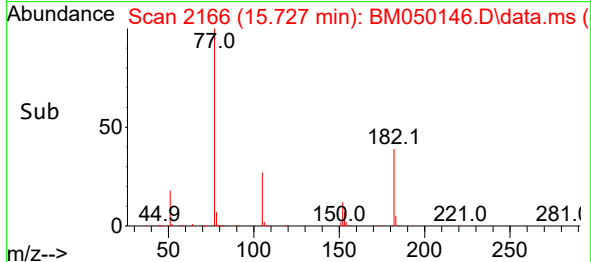
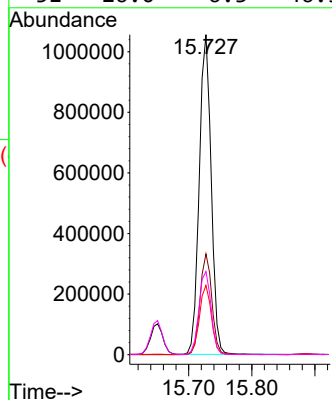
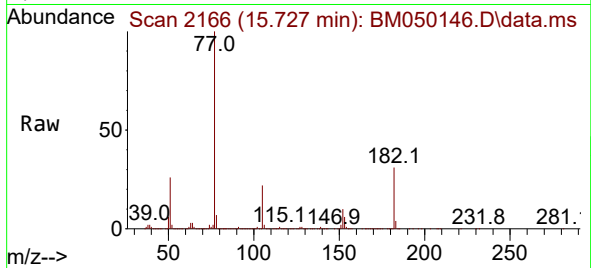




#63
Azobenzene
Concen: 42.479 ng
RT: 15.727 min Scan# 2166
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

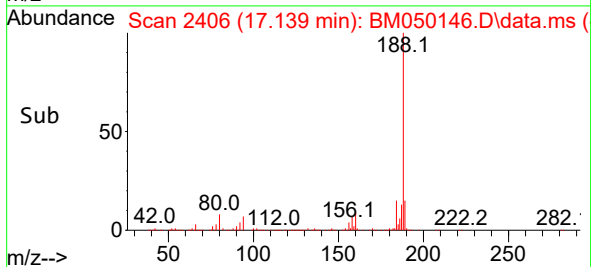
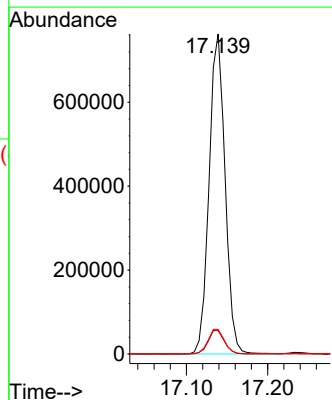
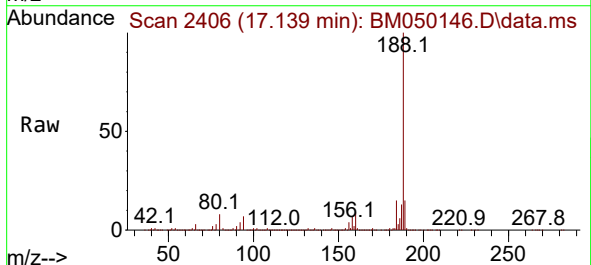
Instrument :
BNA_M
ClientSampleId :
MH-LLMS

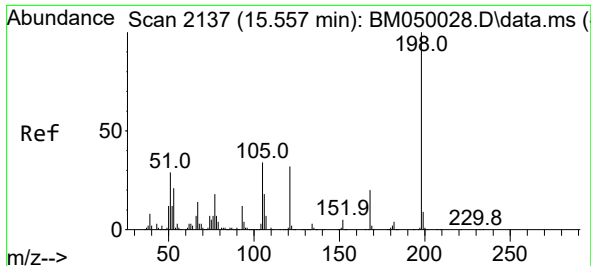
Tgt Ion: 77 Resp: 1379896
Ion Ratio Lower Upper
77 100
182 31.5 10.5 50.5
105 21.6 1.1 41.1
51 26.0 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Tgt Ion:188 Resp: 1043026
Ion Ratio Lower Upper
188 100
94 7.3 5.7 8.5
80 7.7 6.2 9.4

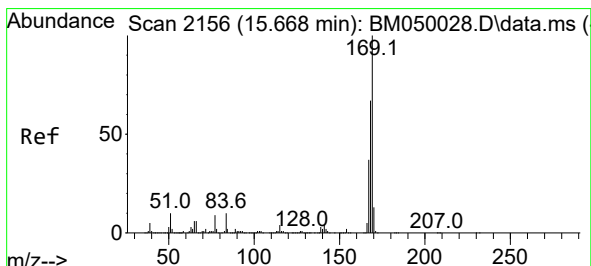
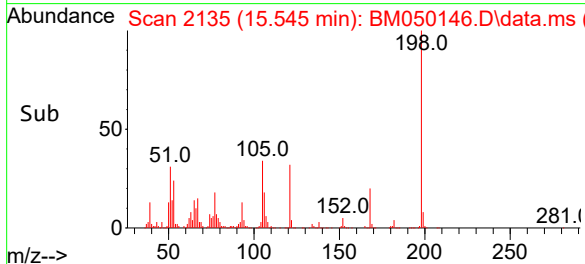
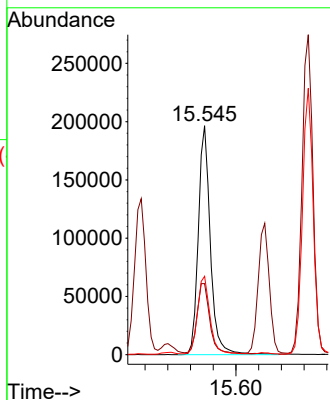
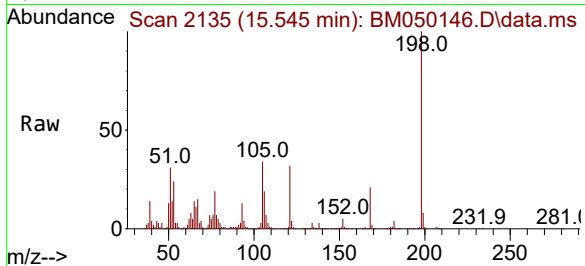




#65
4,6-Dinitro-2-methylphenol
Concen: 44.408 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

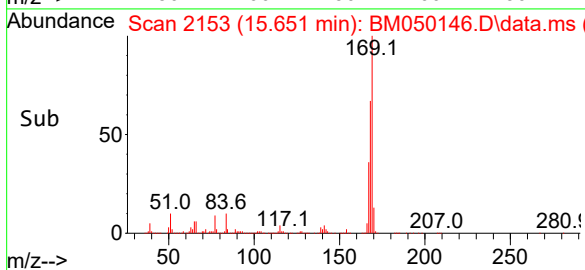
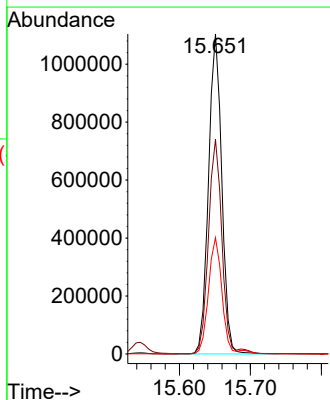
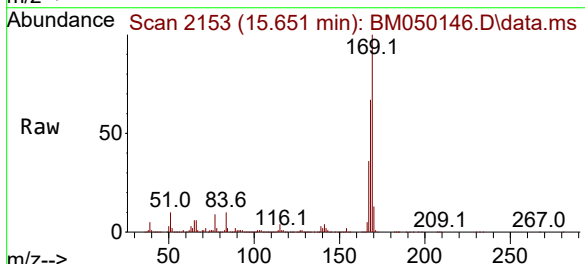
Instrument :
BNA_M
ClientSampleId :
MH-LLMS

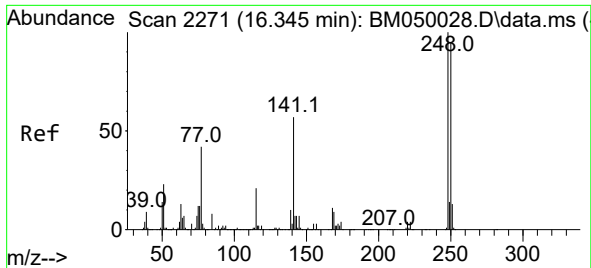
Tgt Ion:198 Resp: 289940
Ion Ratio Lower Upper
198 100
51 31.1 10.4 50.4
105 34.2 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 44.731 ng
RT: 15.651 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Tgt Ion:169 Resp: 1432677
Ion Ratio Lower Upper
169 100
168 67.1 53.4 80.2
167 36.3 29.4 44.0

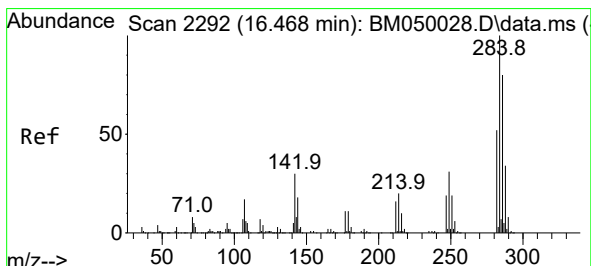
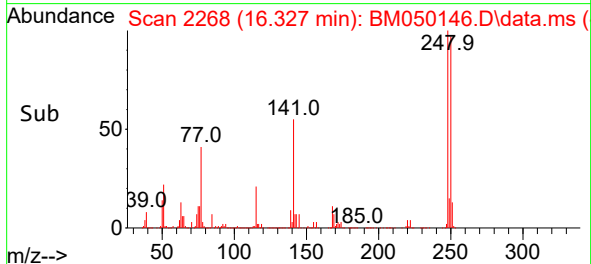
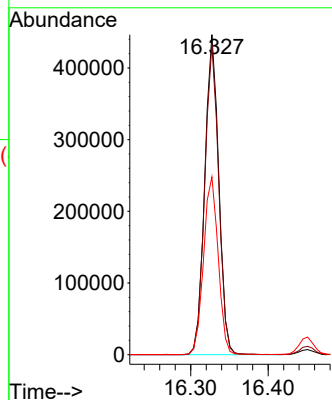
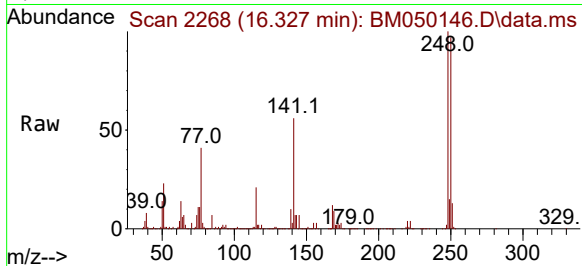




#67
4-Bromophenyl-phenylether
Concen: 44.464 ng
RT: 16.327 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

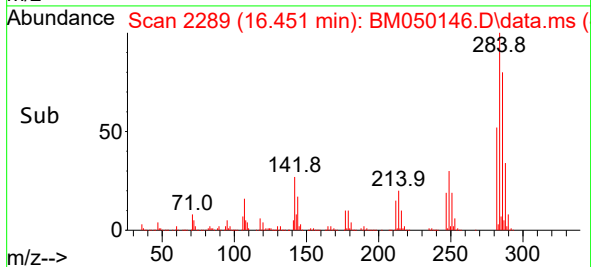
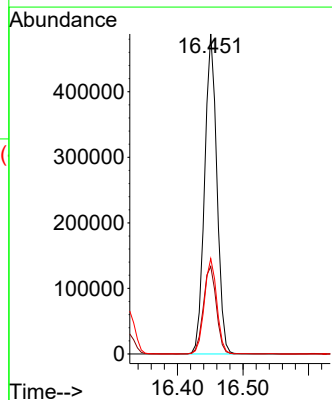
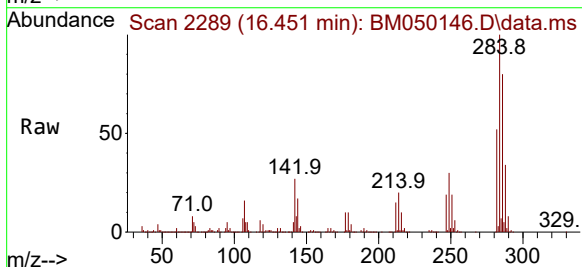
Instrument :
BNA_M
ClientSampleId :
MH-LLMS

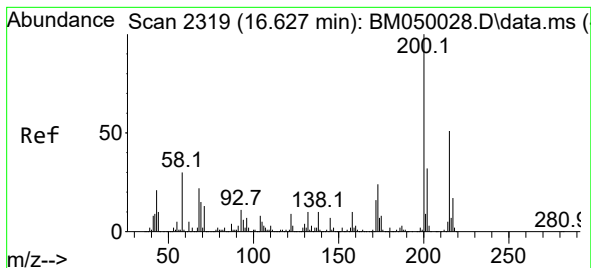
Tgt Ion:248 Resp: 560826
Ion Ratio Lower Upper
248 100
250 96.8 76.2 114.2
141 55.5 45.9 68.9



#68
Hexachlorobenzene
Concen: 43.785 ng
RT: 16.451 min Scan# 2289
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Tgt Ion:284 Resp: 636602
Ion Ratio Lower Upper
284 100
142 27.4 23.9 35.9
249 29.8 24.5 36.7





#69

Atrazine

Concen: 44.329 ng

RT: 16.610 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM050146.D

Acq: 08 May 2025 14:42

Instrument :

BNA_M

ClientSampleId :

MH-LLMS

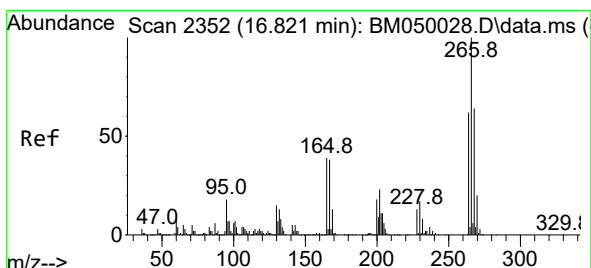
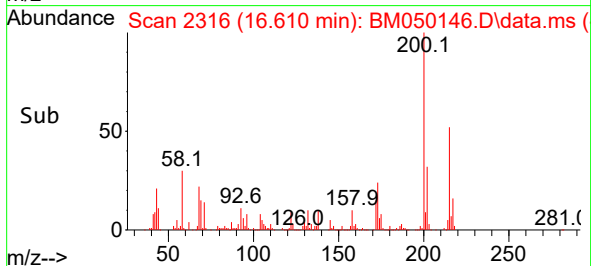
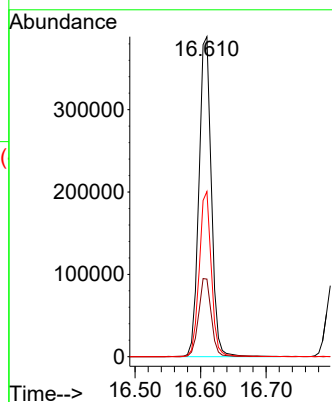
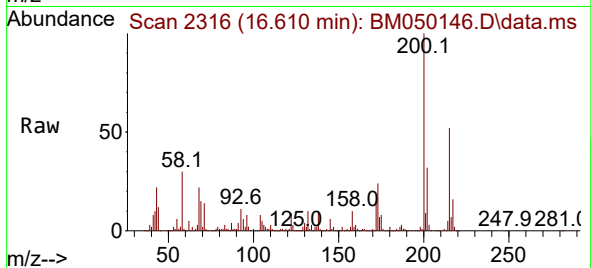
Tgt Ion:200 Resp: 512133

Ion Ratio Lower Upper

200 100

173 24.2 4.3 44.3

215 51.6 30.6 70.6



#70

Pentachlorophenol

Concen: 98.517 ng

RT: 16.804 min Scan# 2349

Delta R.T. -0.006 min

Lab File: BM050146.D

Acq: 08 May 2025 14:42

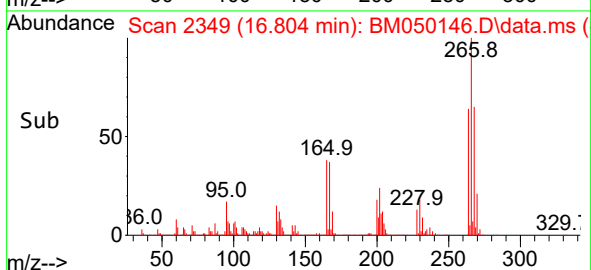
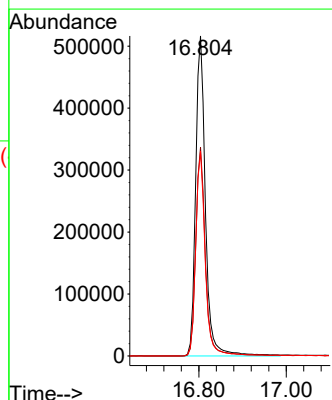
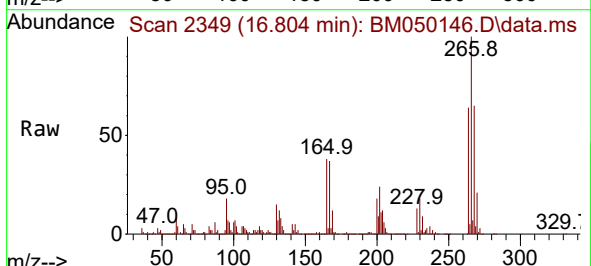
Tgt Ion:266 Resp: 806258

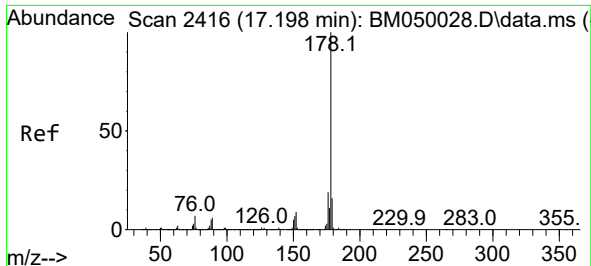
Ion Ratio Lower Upper

266 100

268 65.2 51.2 76.8

264 63.9 49.6 74.4

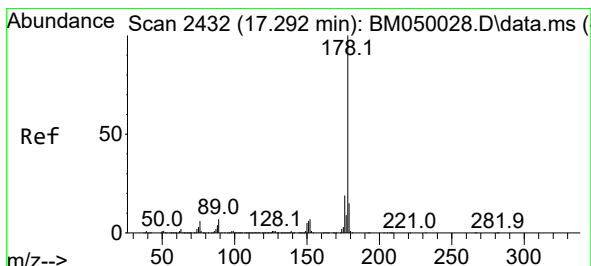
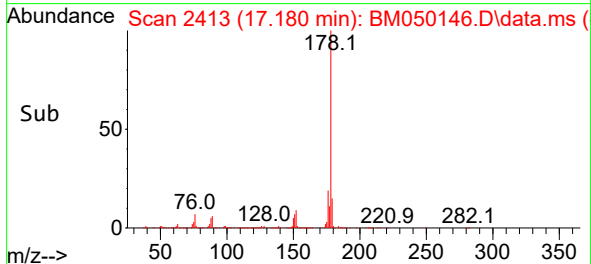
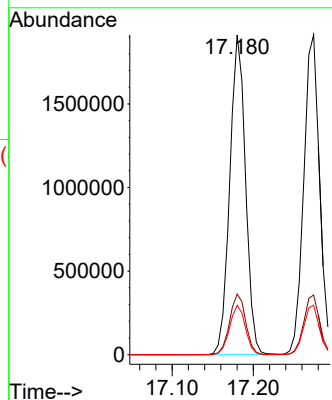
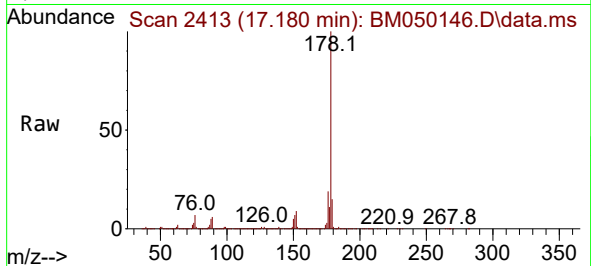




#71
Phenanthrene
Concen: 43.866 ng
RT: 17.180 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

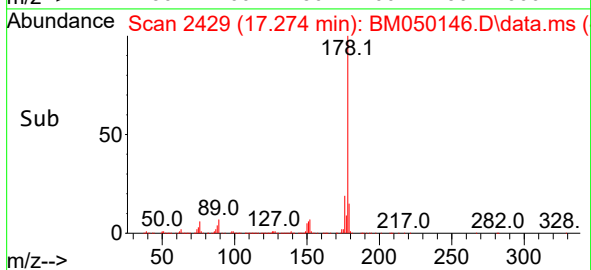
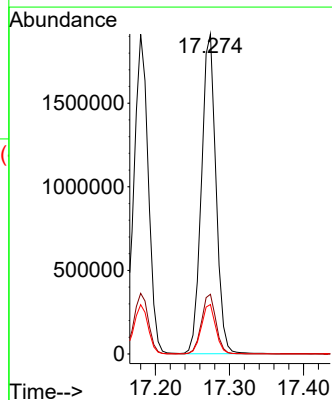
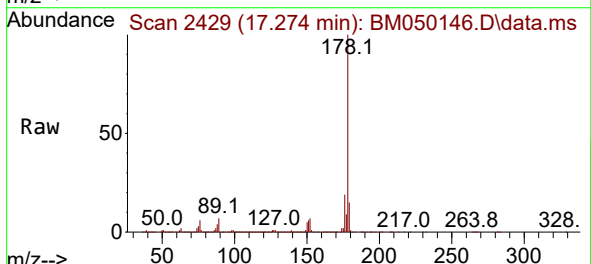
Instrument :
BNA_M
ClientSampleId :
MH-LLMS

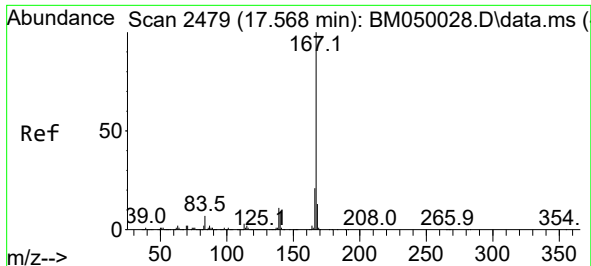
Tgt Ion:178 Resp: 2580538
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.4 12.4 18.6



#72
Anthracene
Concen: 43.806 ng
RT: 17.274 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Tgt Ion:178 Resp: 2607919
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.4 12.2 18.4

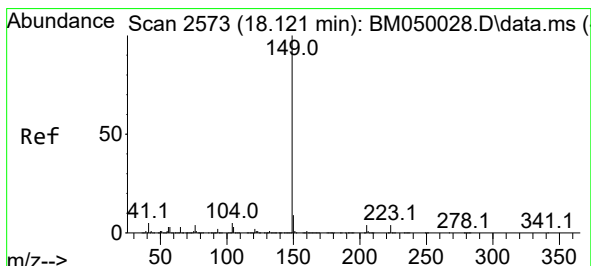
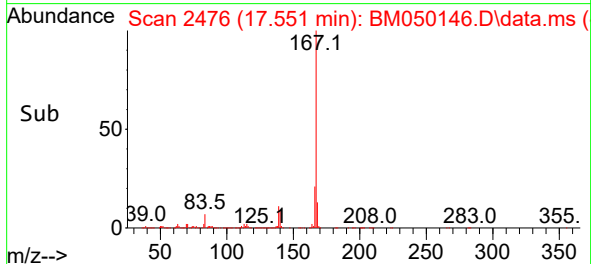
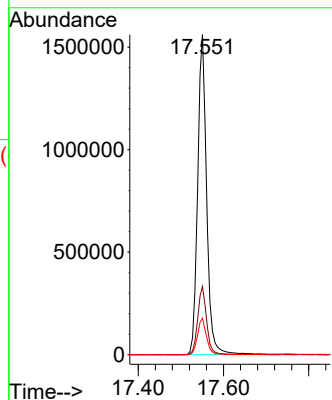
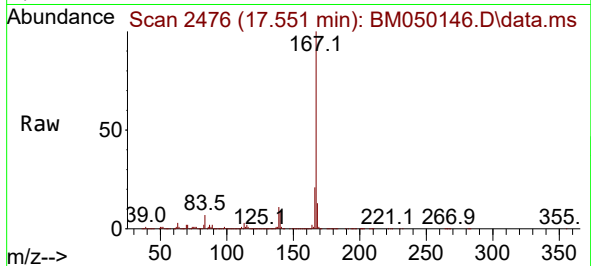




#73
 Carbazole
 Concen: 44.199 ng
 RT: 17.551 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BM050146.D
 Acq: 08 May 2025 14:42

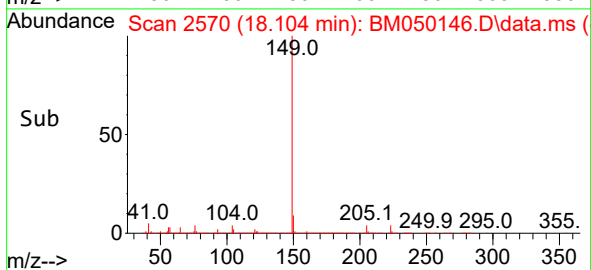
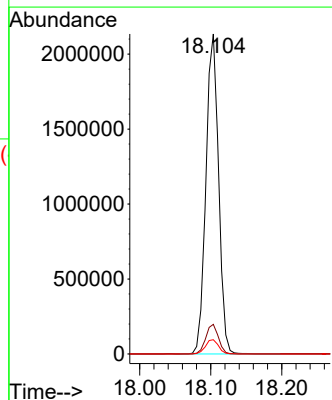
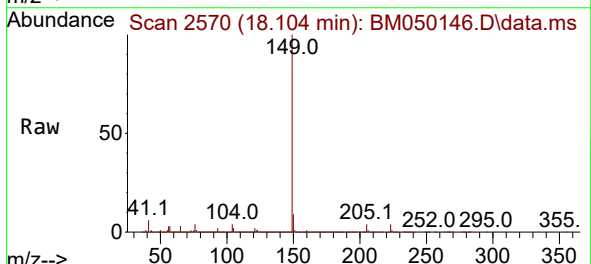
Instrument :
 BNA_M
 ClientSampleId :
 MH-LLMS

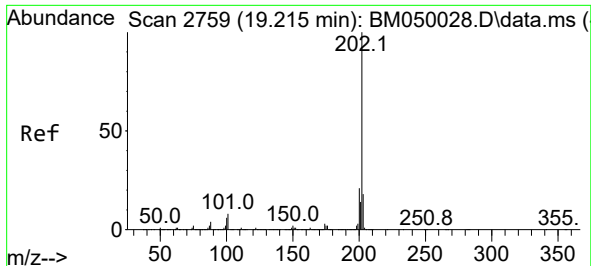
Tgt Ion:167 Resp: 2283295
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 11.4 9.0 13.6



#74
 Di-n-butylphthalate
 Concen: 43.014 ng
 RT: 18.104 min Scan# 2570
 Delta R.T. -0.000 min
 Lab File: BM050146.D
 Acq: 08 May 2025 14:42

Tgt Ion:149 Resp: 2646232
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.5 3.8 5.6

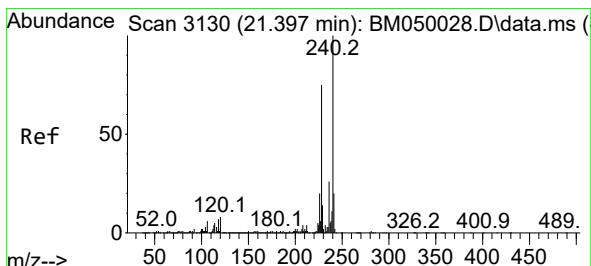
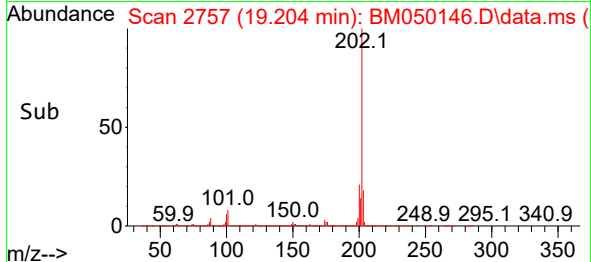
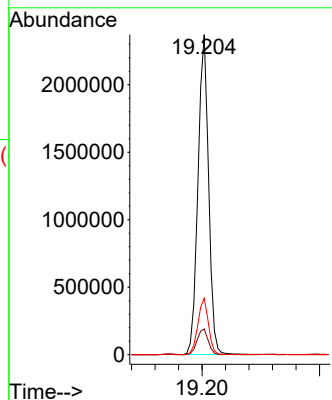
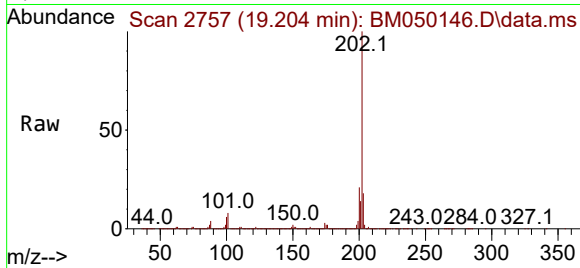




#75
Fluoranthene
Concen: 42.950 ng
RT: 19.204 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

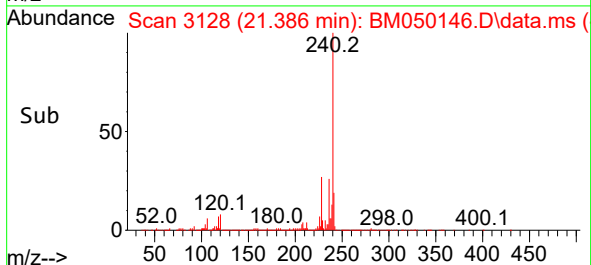
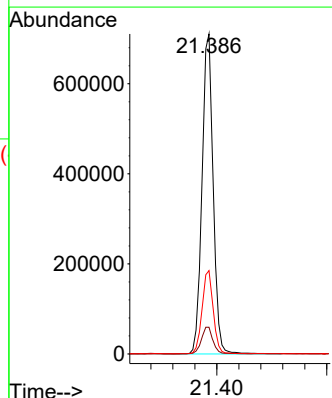
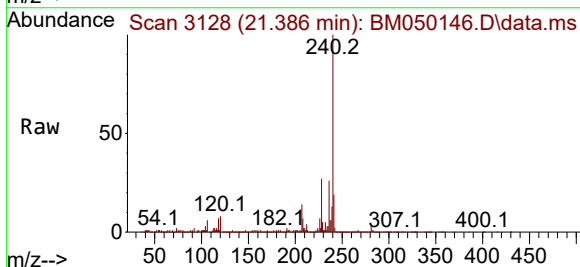
Instrument :
BNA_M
ClientSampleId :
MH-LLMS

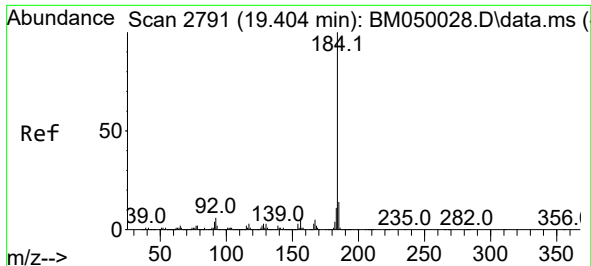
Tgt Ion:202 Resp: 2966465
Ion Ratio Lower Upper
202 100
101 8.1 0.0 28.0
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Tgt Ion:240 Resp: 1002002
Ion Ratio Lower Upper
240 100
120 8.3 6.5 9.7
236 26.0 20.9 31.3

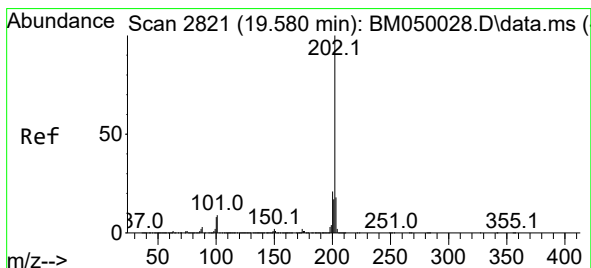
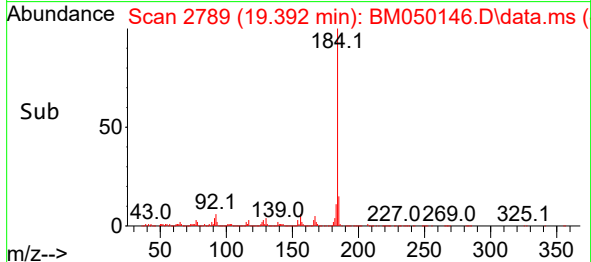
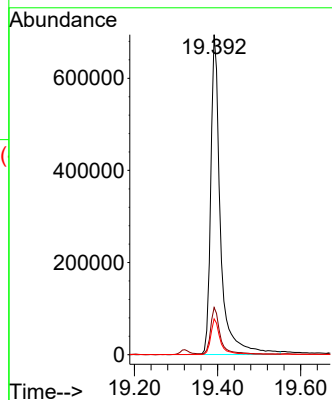
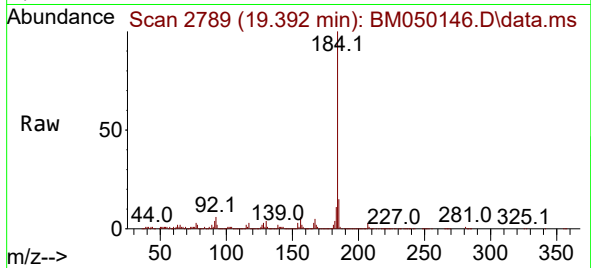




#77
Benzidine
Concen: 31.900 ng
RT: 19.392 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

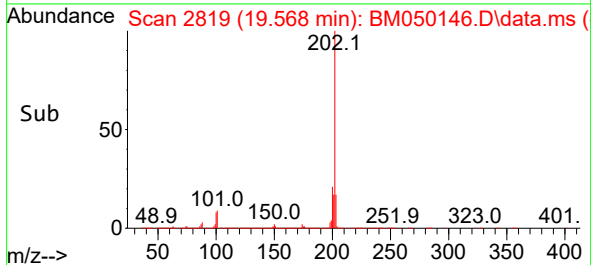
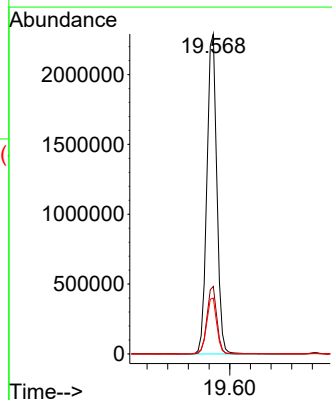
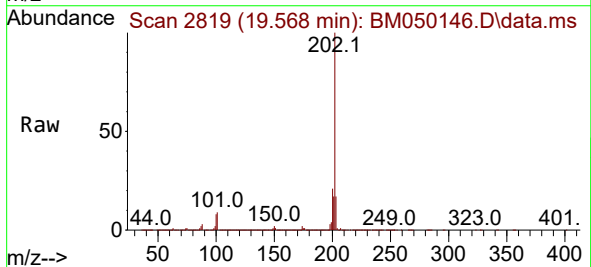
Instrument :
BNA_M
ClientSampleId :
MH-LLMS

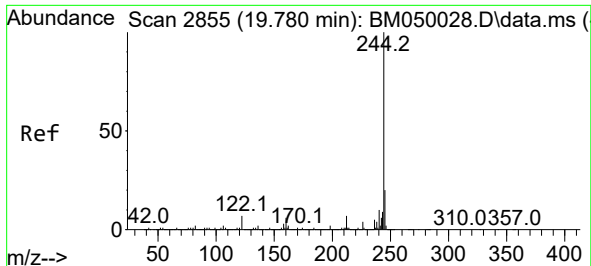
Tgt Ion:184 Resp: 1135378
Ion Ratio Lower Upper
184 100
185 14.8 11.5 17.3
183 11.2 8.9 13.3



#78
Pyrene
Concen: 43.378 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Tgt Ion:202 Resp: 3052252
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 17.5 14.1 21.1

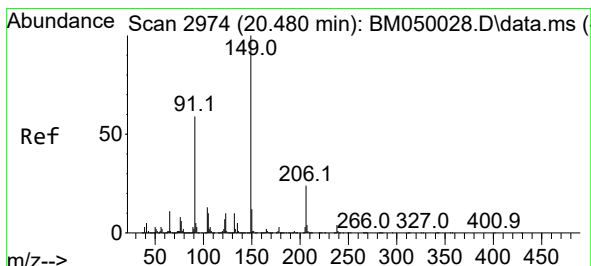
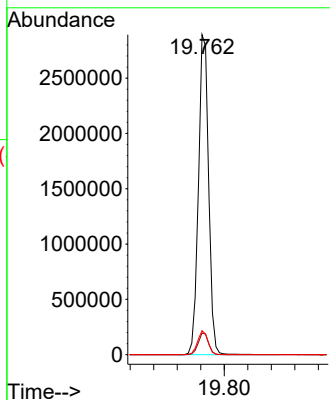
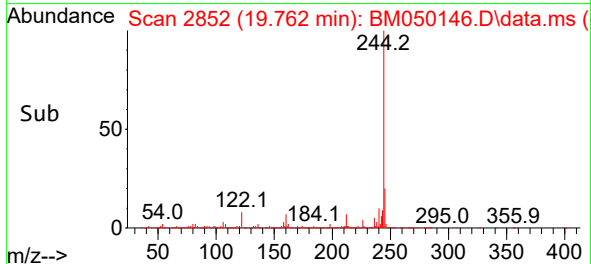
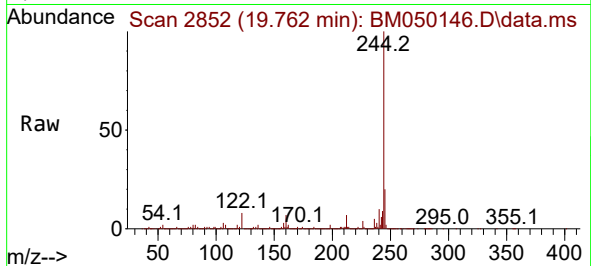




#79
 Terphenyl-d14
 Concen: 51.267 ng
 RT: 19.762 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM050146.D
 Acq: 08 May 2025 14:42

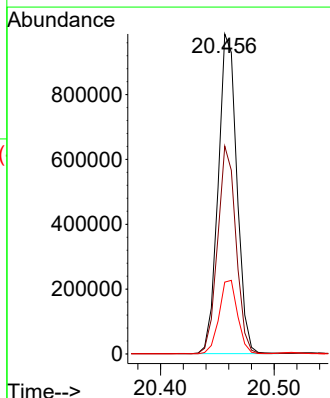
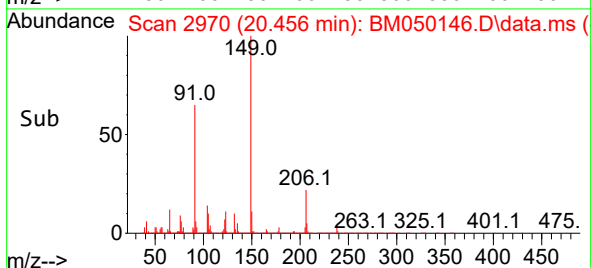
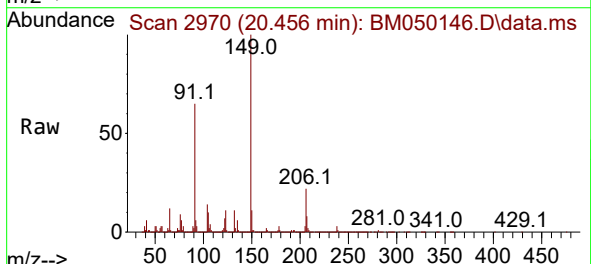
Instrument :
 BNA_M
 ClientSampleId :
 MH-LLMS

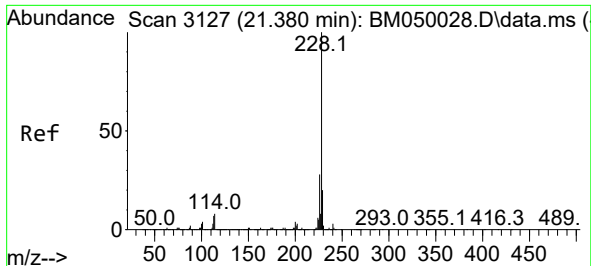
Tgt Ion:244 Resp: 3471536
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 7.5 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 42.785 ng
 RT: 20.456 min Scan# 2970
 Delta R.T. -0.006 min
 Lab File: BM050146.D
 Acq: 08 May 2025 14:42

Tgt Ion:149 Resp: 1127542
 Ion Ratio Lower Upper
 149 100
 91 65.0 47.4 71.2
 206 22.5 19.4 29.0

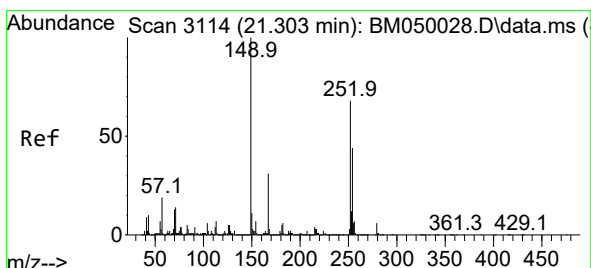
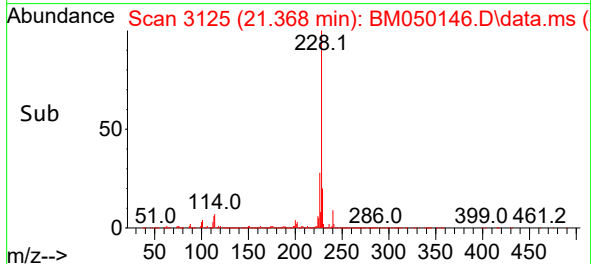
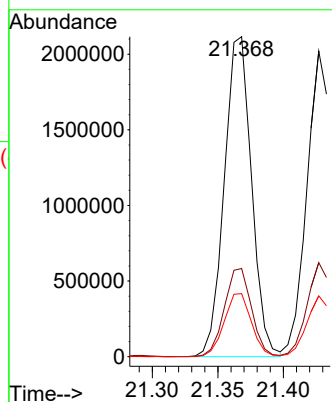
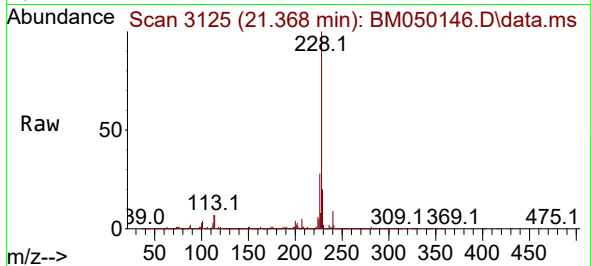




#81
Benzo(a)anthracene
Concen: 44.320 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

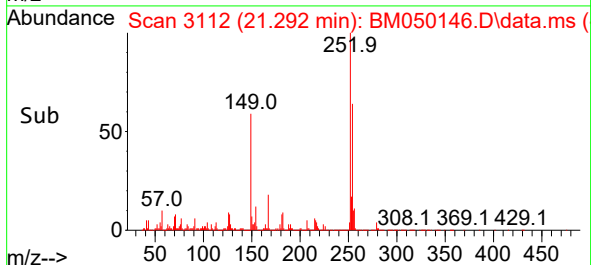
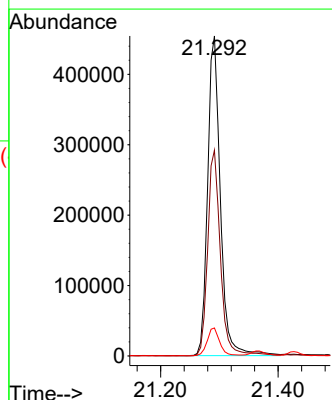
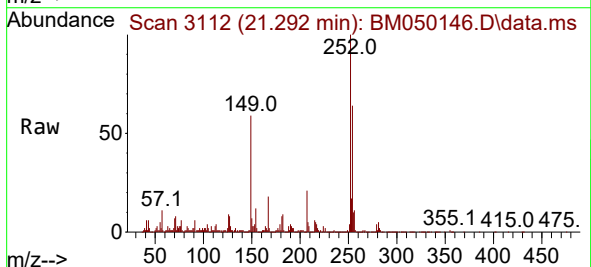
Instrument :
BNA_M
ClientSampleId :
MH-LLMS

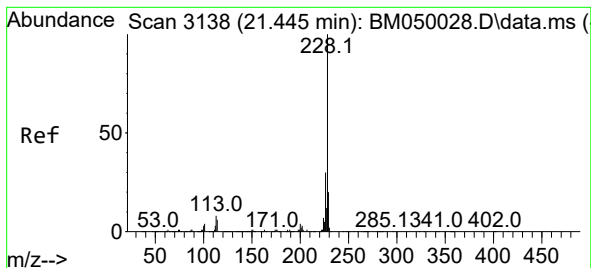
Tgt Ion:228 Resp: 3058099
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 19.7 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 25.840 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Tgt Ion:252 Resp: 682545
Ion Ratio Lower Upper
252 100
254 64.3 51.8 77.6
126 8.7 6.0 9.0





#83

Chrysene

Concen: 43.635 ng

RT: 21.427 min Scan# 3110

Delta R.T. -0.000 min

Lab File: BM050146.D

Acq: 08 May 2025 14:42

Instrument :

BNA_M

ClientSampleId :

MH-LLMS

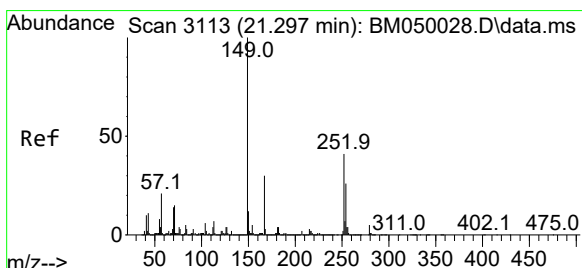
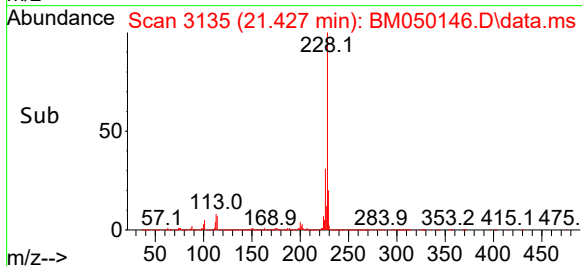
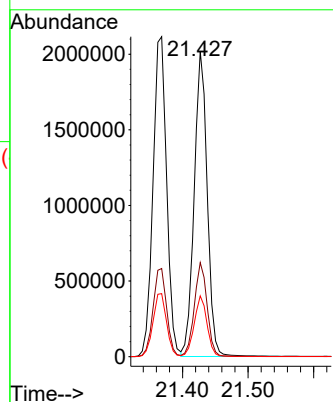
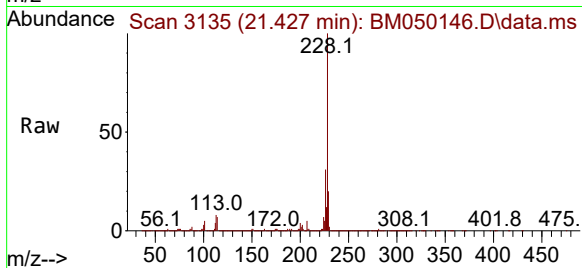
Tgt Ion:228 Resp: 2786599

Ion Ratio Lower Upper

228 100

226 30.8 24.2 36.2

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.312 ng

RT: 21.280 min Scan# 3110

Delta R.T. -0.000 min

Lab File: BM050146.D

Acq: 08 May 2025 14:42

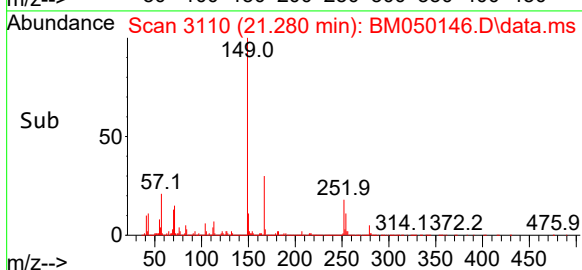
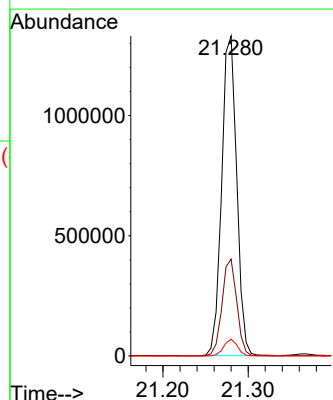
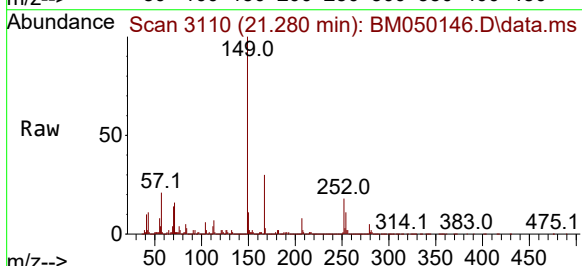
Tgt Ion:149 Resp: 1626197

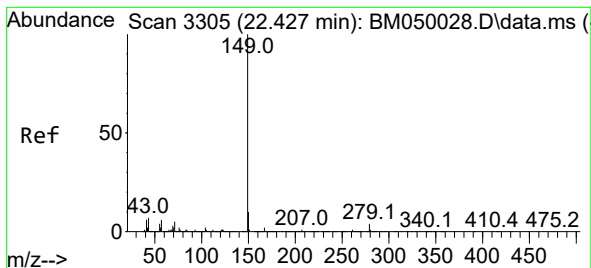
Ion Ratio Lower Upper

149 100

167 30.3 24.1 36.1

279 5.2 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 42.924 ng

RT: 22.403 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM050146.D

Acq: 08 May 2025 14:42

Instrument :

BNA_M

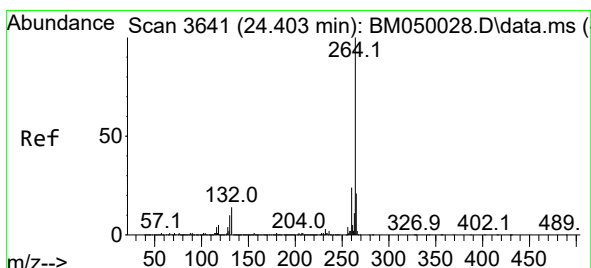
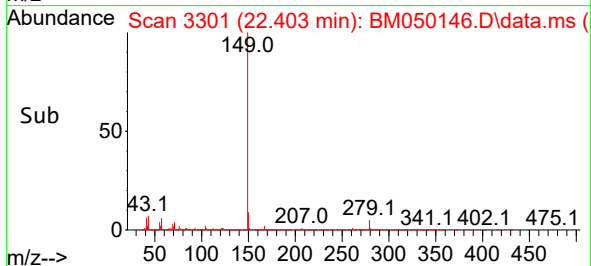
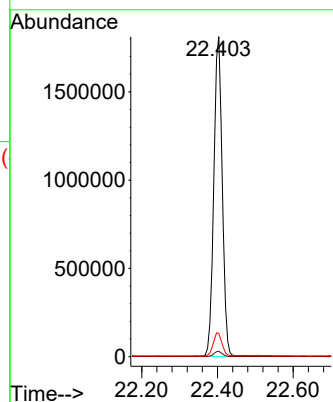
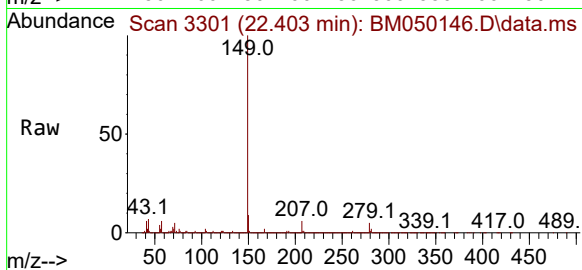
ClientSampleId :

MH-LLMS

Tgt Ion:149 Resp: 2786511

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

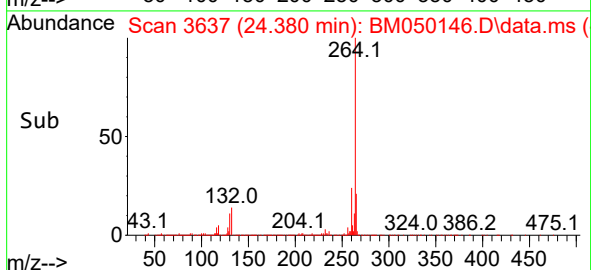
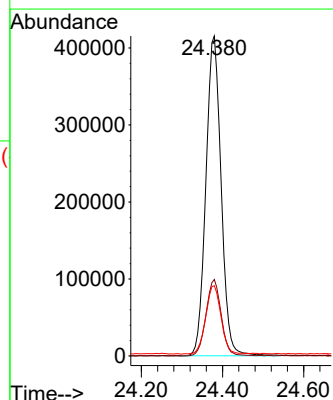
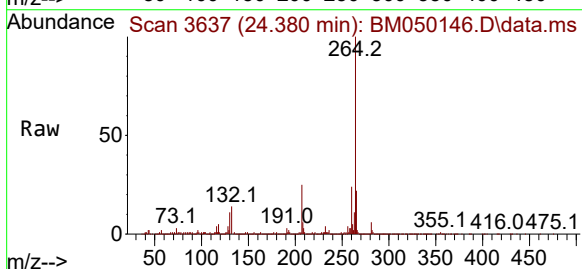
Lab File: BM050146.D

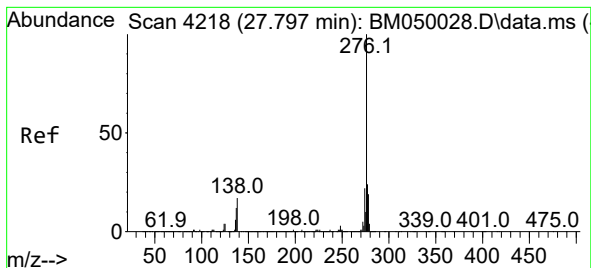
Acq: 08 May 2025 14:42

Tgt Ion:264 Resp: 1081327

Ion Ratio Lower Upper

264	100		
260	23.9	18.8	28.2
265	22.0	17.0	25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.531 ng

RT: 27.768 min Scan# 41

Delta R.T. 0.006 min

Lab File: BM050146.D

Acq: 08 May 2025 14:42

Instrument :

BNA_M

ClientSampleId :

MH-LLMS

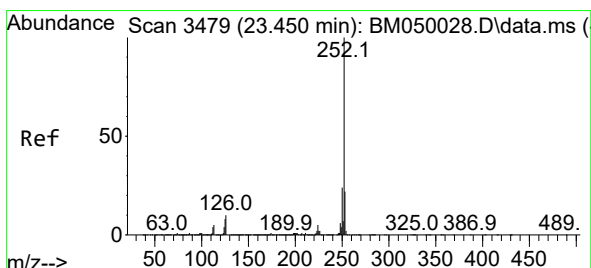
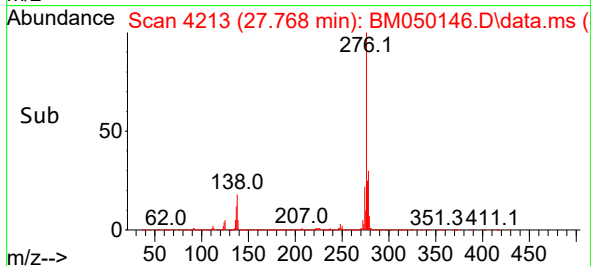
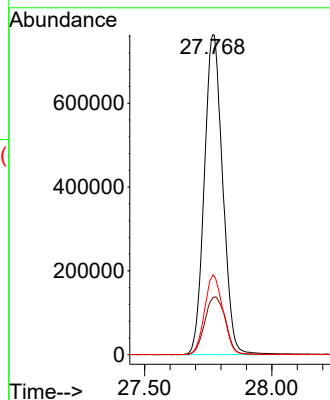
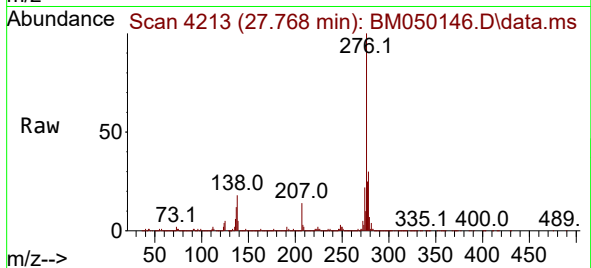
Tgt Ion:276 Resp: 3829687

Ion Ratio Lower Upper

276 100

138 20.4 16.4 24.6

277 25.1 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 43.203 ng

RT: 23.433 min Scan# 3476

Delta R.T. -0.000 min

Lab File: BM050146.D

Acq: 08 May 2025 14:42

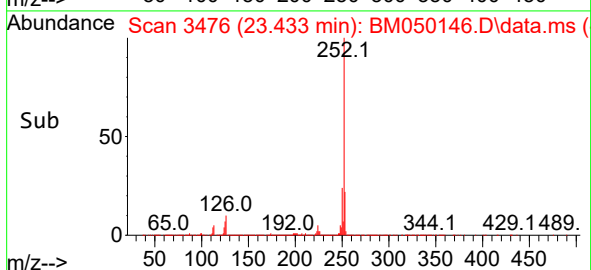
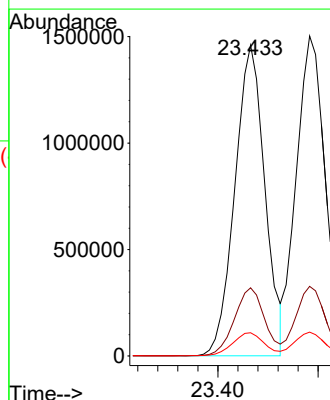
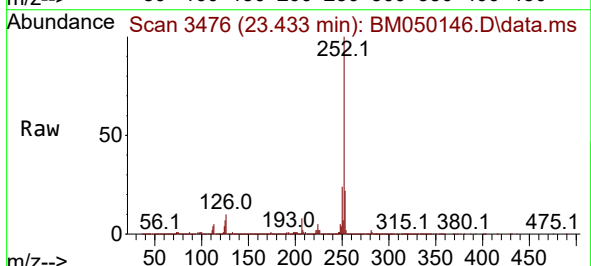
Tgt Ion:252 Resp: 3038089

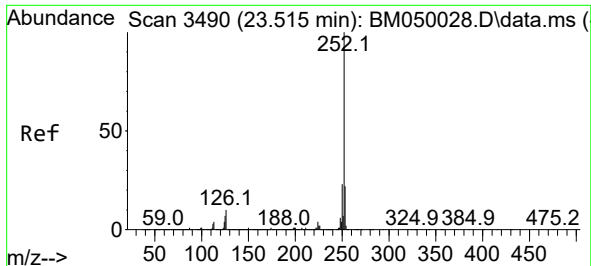
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 7.4 6.1 9.1

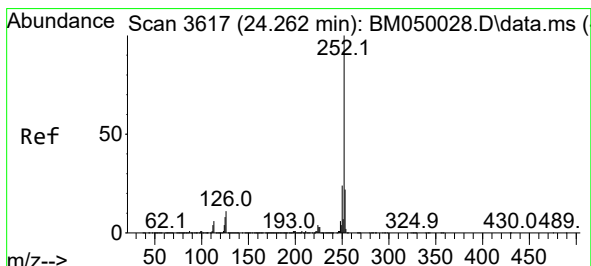
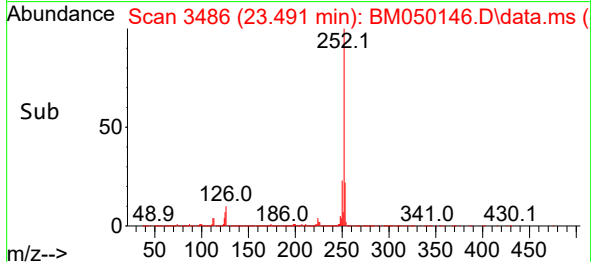
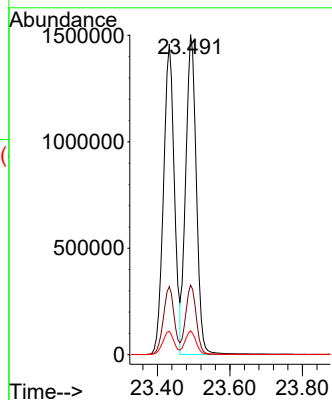
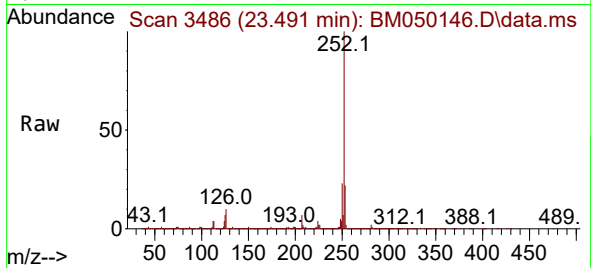




#89
Benzo(k)fluoranthene
Concen: 42.806 ng
RT: 23.491 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

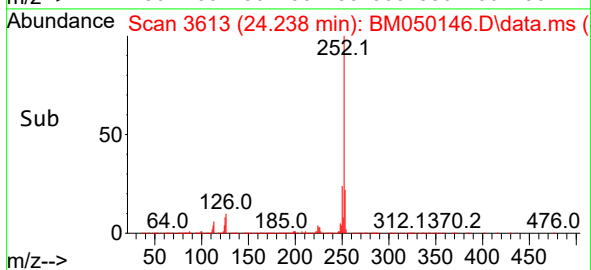
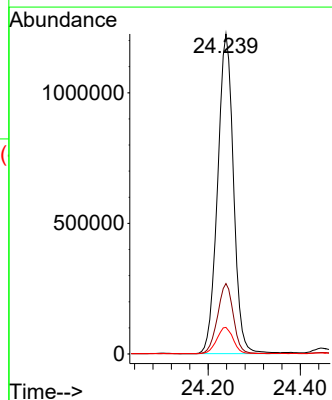
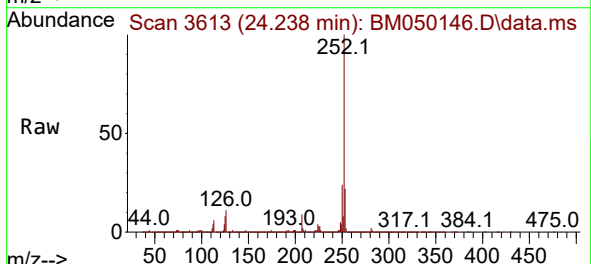
Instrument :
BNA_M
ClientSampleId :
MH-LLMS

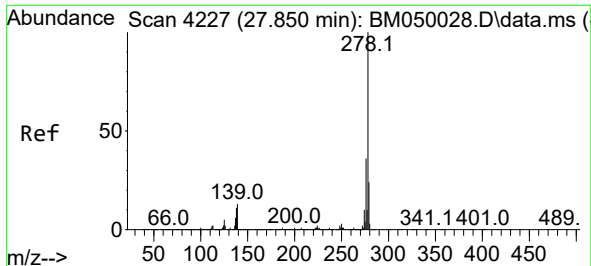
Tgt Ion:252 Resp: 3044885
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 7.4 5.8 8.8



#90
Benzo(a)pyrene
Concen: 44.371 ng
RT: 24.238 min Scan# 3613
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Tgt Ion:252 Resp: 2922477
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 8.3 6.6 9.8

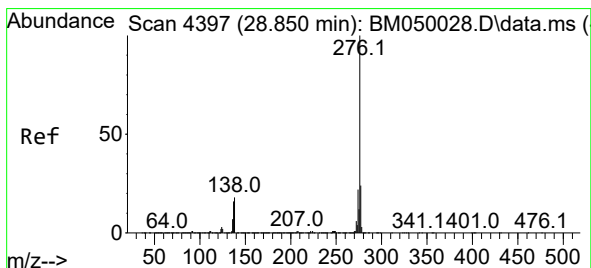
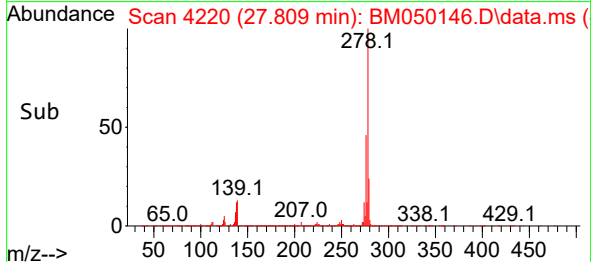
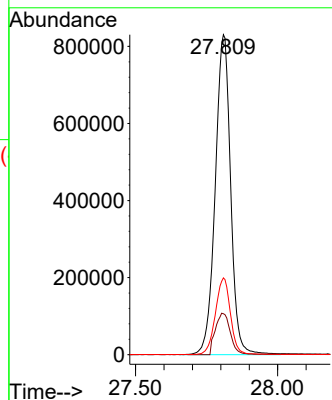
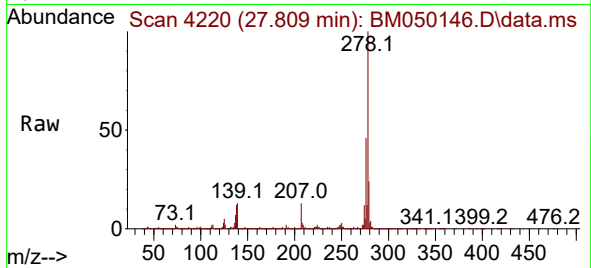




#91
Dibenzo(a,h)anthracene
Concen: 47.549 ng
RT: 27.809 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Instrument :
BNA_M
ClientSampleId :
MH-LLMS

Tgt Ion:278 Resp: 3123024
Ion Ratio Lower Upper
278 100
139 12.8 10.5 15.7
279 24.0 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 47.307 ng
RT: 28.821 min Scan# 4392
Delta R.T. -0.006 min
Lab File: BM050146.D
Acq: 08 May 2025 14:42

Tgt Ion:276 Resp: 2974655
Ion Ratio Lower Upper
276 100
277 24.5 19.1 28.7
138 17.8 14.3 21.5

