

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
 Data File : BM050114.D
 Acq On : 06 May 2025 11:21
 Operator : RC/JU
 Sample : PB167857BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167857BS

Quant Time: May 06 13:04:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	251916	20.000	ng	-0.02
21) Naphthalene-d8	10.533	136	880758	20.000	ng	-0.03
39) Acenaphthene-d10	14.392	164	559090	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1068022	20.000	ng	-0.02
76) Chrysene-d12	21.386	240	1067615	20.000	ng	-0.01
86) Perylene-d12	24.374	264	1110219	20.000	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1808154	125.685	ng	-0.02
7) Phenol-d6	6.934	99	2194221	121.350	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1309925	73.287	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1083363	131.048	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	3444742	72.888	ng	-0.02
79) Terphenyl-d14	19.768	244	5509327	76.361	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.234	88	199047	32.269	ng 99
3) Pyridine	3.634	79	565333	35.670	ng 96
4) n-Nitrosodimethylamine	3.546	42	244948	39.406	ng 99
6) Aniline	7.075	93	801388	35.098	ng 98
8) 2-Chlorophenol	7.316	128	637424	40.979	ng 98
9) Benzaldehyde	6.892	77	270823	22.381	ng 100
10) Phenol	6.963	94	747544	40.838	ng 97
11) bis(2-Chloroethyl)ether	7.169	93	597431	39.086	ng 100
12) 1,3-Dichlorobenzene	7.634	146	735168	39.126	ng 99
13) 1,4-Dichlorobenzene	7.781	146	745620	39.500	ng 100
14) 1,2-Dichlorobenzene	8.092	146	715845	39.259	ng 98
15) Benzyl Alcohol	7.992	79	498872	39.784	ng 97
16) 2,2'-oxybis(1-Chloropr...	8.269	45	722306	38.876	ng 99
17) 2-Methylphenol	8.204	107	476788	39.539	ng 98
18) Hexachloroethane	8.816	117	264449	39.410	ng 99
19) n-Nitroso-di-n-propyla...	8.551	70	436482	37.638	ng 99
20) 3+4-Methylphenols	8.533	107	643262	39.501	ng 97
22) Acetophenone	8.569	105	862792	39.402	ng 98
24) Nitrobenzene	8.945	77	624497	40.408	ng 99
25) Isophorone	9.475	82	1171263	38.443	ng 99
26) 2-Nitrophenol	9.657	139	331231	41.952	ng 99
27) 2,4-Dimethylphenol	9.727	122	538682	41.141	ng 100
28) bis(2-Chloroethoxy)met...	9.951	93	729831	38.756	ng 99
29) 2,4-Dichlorophenol	10.210	162	604437	41.206	ng 99
30) 1,2,4-Trichlorobenzene	10.404	180	715468	40.034	ng 100
31) Naphthalene	10.586	128	1766653	39.607	ng 100
32) Benzoic acid	9.898	122	347950	41.550	ng 97
33) 4-Chloroaniline	10.710	127	620975	33.966	ng 99
34) Hexachlorobutadiene	10.869	225	456694	40.257	ng 100
35) Caprolactam	11.510	113	169402	39.608	ng 90
36) 4-Chloro-3-methylphenol	11.851	107	545727	40.269	ng 97
37) 2-Methylnaphthalene	12.204	142	1149787	38.449	ng 100
38) 1-Methylnaphthalene	12.427	142	1215114	38.395	ng 99
40) 1,2,4,5-Tetrachloroben...	12.580	216	791499	40.895	ng 99
41) Hexachlorocyclopentadiene	12.557	237	1025596	86.711	ng 98
43) 2,4,6-Trichlorophenol	12.833	196	517394	42.148	ng 98

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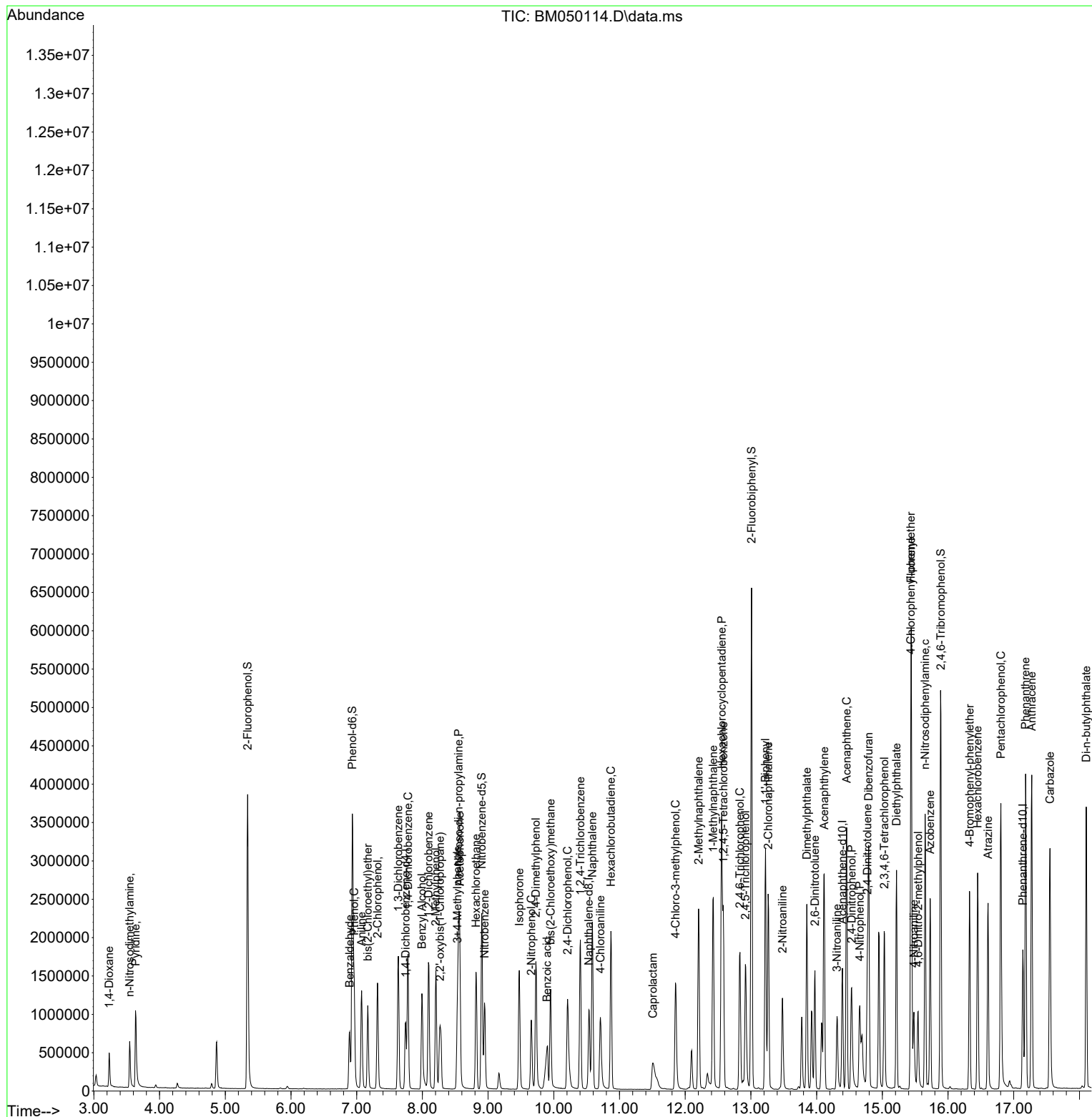
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	561291	42.402	ng	100
46) 1,1'-Biphenyl	13.221	154	1669025	40.159	ng	99
47) 2-Chloronaphthalene	13.263	162	1327323	40.325	ng	100
48) 2-Nitroaniline	13.480	65	336871	43.606	ng	99
49) Acenaphthylene	14.115	152	2099404	40.453	ng	100
50) Dimethylphthalate	13.851	163	1651210	40.412	ng	100
51) 2,6-Dinitrotoluene	13.974	165	355694	42.046	ng	99
52) Acenaphthene	14.457	154	1203147	40.051	ng	100
53) 3-Nitroaniline	14.310	138	295920	36.639	ng	100
54) 2,4-Dinitrophenol	14.533	184	432668	79.924	ng	99
55) Dibenzofuran	14.792	168	2002230	40.060	ng	99
56) 4-Nitrophenol	14.657	139	522878	79.602	ng	99
57) 2,4-Dinitrotoluene	14.774	165	504155	43.129	ng	98
58) Fluorene	15.439	166	1650055	40.334	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.033	232	466353	40.700	ng	100
60) Diethylphthalate	15.215	149	1540645	40.017	ng	99
61) 4-Chlorophenyl-phenyle...	15.433	204	904684	40.261	ng	98
62) 4-Nitroaniline	15.480	138	341411	43.814	ng	99
63) Azobenzene	15.727	77	1311714	40.653	ng	99
65) 4,6-Dinitro-2-methylph...	15.545	198	284522	42.559	ng	98
66) n-Nitrosodiphenylamine	15.651	169	1389906	42.380	ng	100
67) 4-Bromophenyl-phenylether	16.327	248	536414	41.533	ng	98
68) Hexachlorobenzene	16.451	284	617494	41.477	ng	98
69) Atrazine	16.609	200	497468	42.052	ng	99
70) Pentachlorophenol	16.804	266	779975	93.075	ng	100
71) Phenanthrene	17.180	178	2501885	41.533	ng	100
72) Anthracene	17.274	178	2551141	41.849	ng	99
73) Carbazole	17.551	167	2255638	42.641	ng	99
74) Di-n-butylphthalate	18.103	149	2617615	41.553	ng	100
75) Fluoranthene	19.203	202	2990675	42.287	ng	99
77) Benzidine	19.392	184	1843260	48.606	ng	99
78) Pyrene	19.568	202	3087294	41.180	ng	100
80) Butylbenzylphthalate	20.462	149	1166761	41.552	ng	98
81) Benzo(a)anthracene	21.362	228	3096912	42.124	ng	100
82) 3,3'-Dichlorobenzidine	21.291	252	939990	33.400	ng	99
83) Chrysene	21.427	228	2823801	41.500	ng	99
84) Bis(2-ethylhexyl)phtha...	21.280	149	1719849	41.006	ng	100
85) Di-n-octyl phthalate	22.403	149	2905066	42.000	ng	100
87) Indeno(1,2,3-cd)pyrene	27.762	276	3671518	44.382	ng	100
88) Benzo(b)fluoranthene	23.427	252	3028371	41.944	ng	100
89) Benzo(k)fluoranthene	23.491	252	2949343	40.383	ng	100
90) Benzo(a)pyrene	24.232	252	2856618	42.243	ng	99
91) Dibenzo(a,h)anthracene	27.803	278	2992922	44.383	ng	99
92) Benzo(g,h,i)perylene	28.820	276	2848159	44.117	ng	99

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

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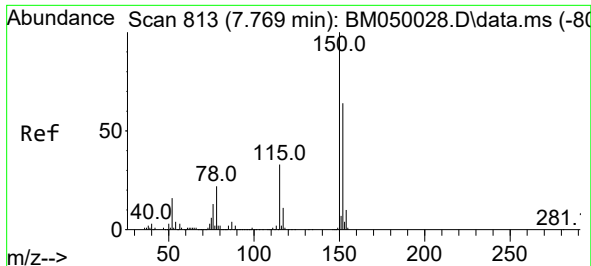
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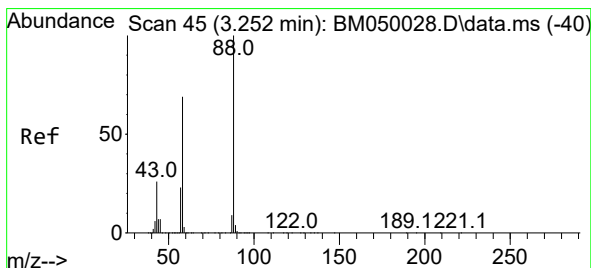
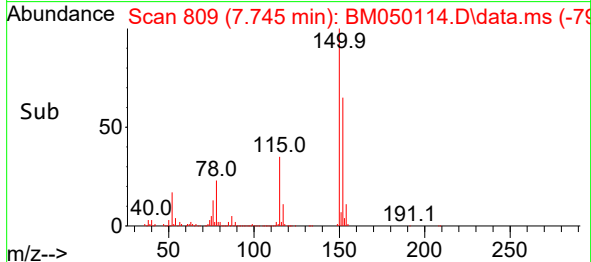
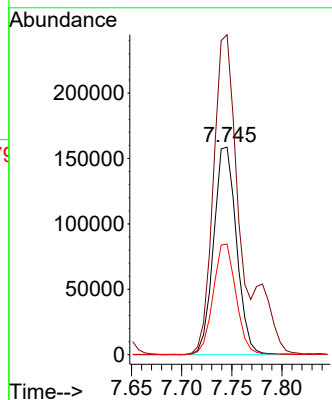
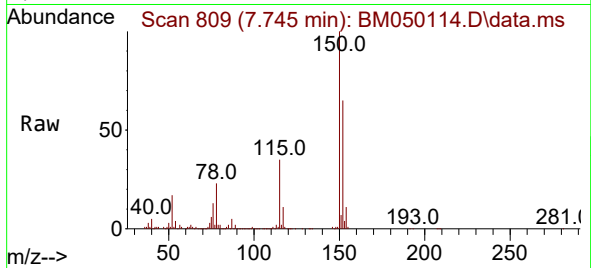




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

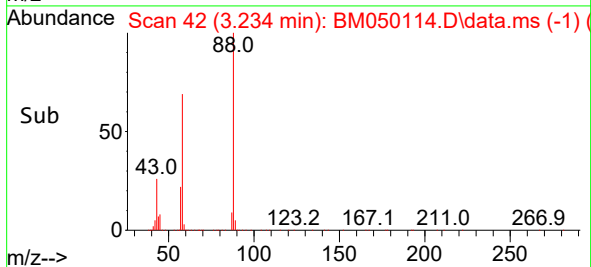
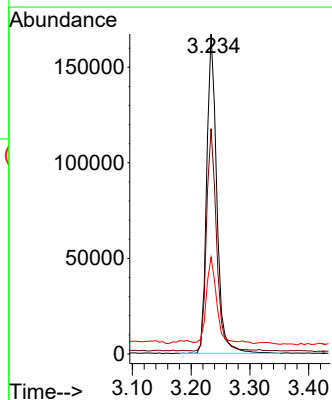
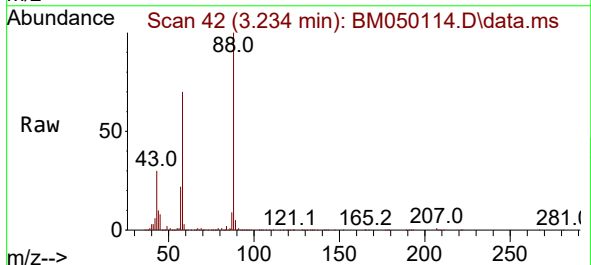
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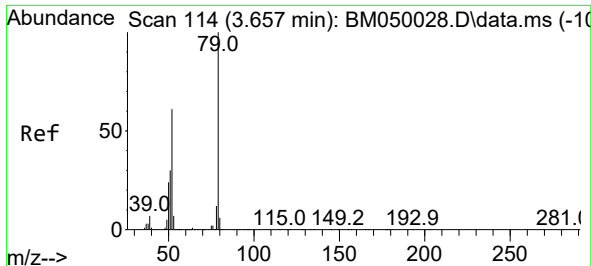
Tgt Ion:152 Resp: 251916
Ion Ratio Lower Upper
152 100
150 154.2 124.1 186.1
115 53.3 41.2 61.8



#2
1,4-Dioxane
Concen: 32.269 ng
RT: 3.234 min Scan# 42
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion: 88 Resp: 199047
Ion Ratio Lower Upper
88 100
58 69.8 55.1 82.7
43 26.4 20.9 31.3

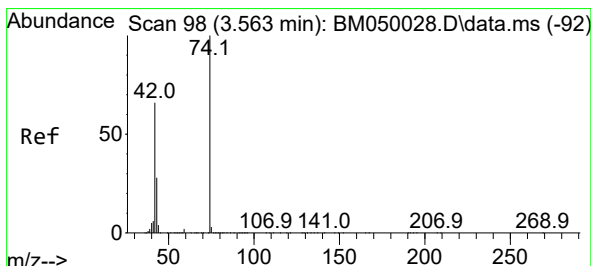
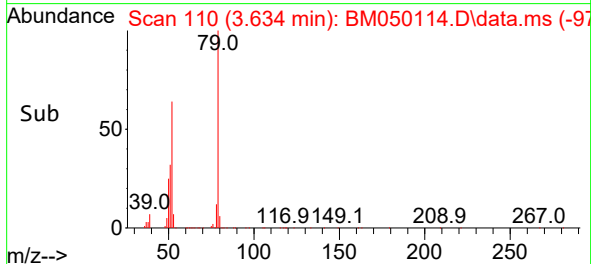
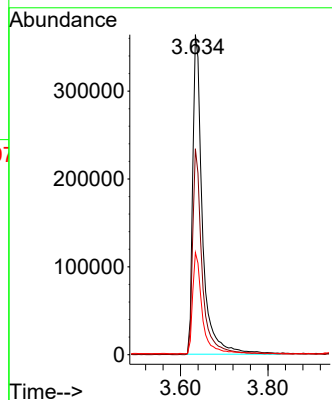
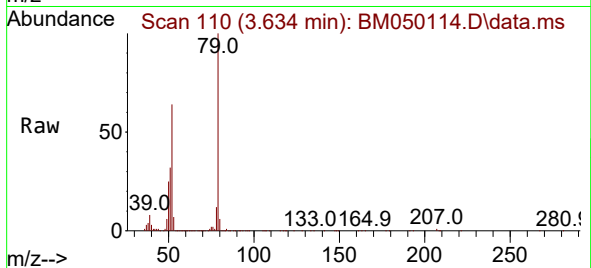




#3
Pyridine
Concen: 35.670 ng
RT: 3.634 min Scan# 114
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

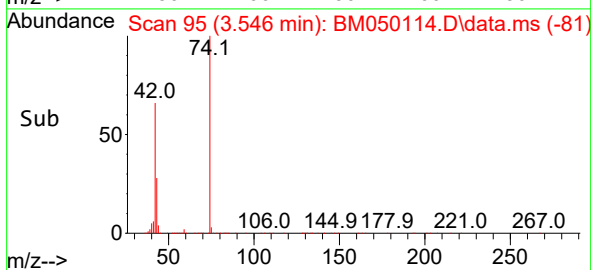
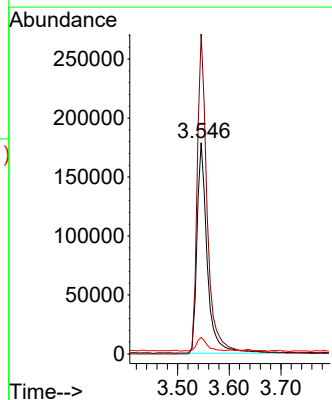
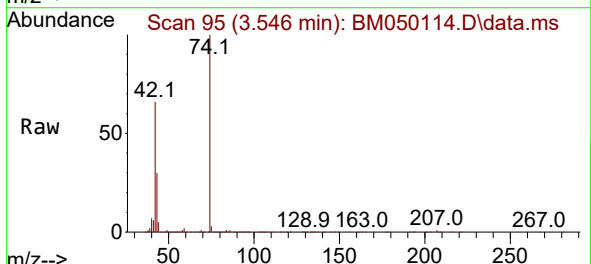
Instrument :
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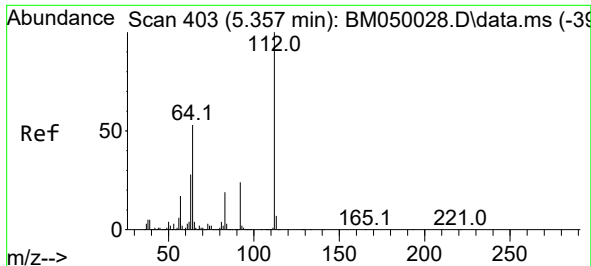
Tgt Ion: 79 Resp: 565333
Ion Ratio Lower Upper
79 100
52 64.3 48.6 72.8
51 31.9 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 39.406 ng
RT: 3.546 min Scan# 95
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion: 42 Resp: 244948
Ion Ratio Lower Upper
42 100
74 151.5 120.2 180.2
44 7.8 6.2 9.2

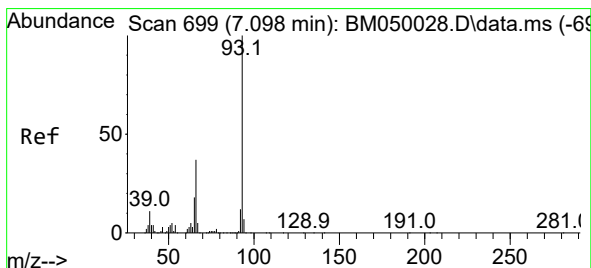
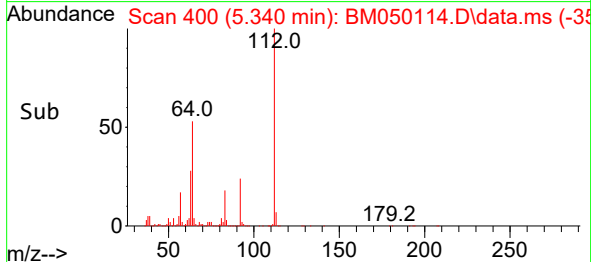
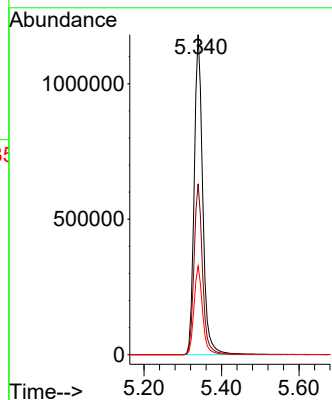
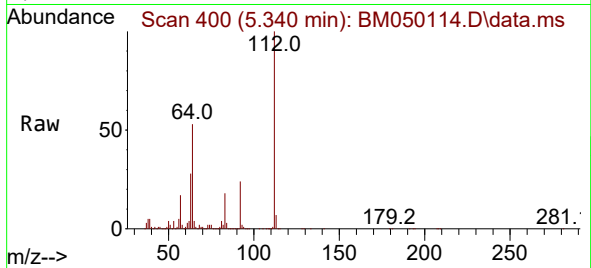




#5
2-Fluorophenol
Concen: 125.685 ng
RT: 5.340 min Scan# 403
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

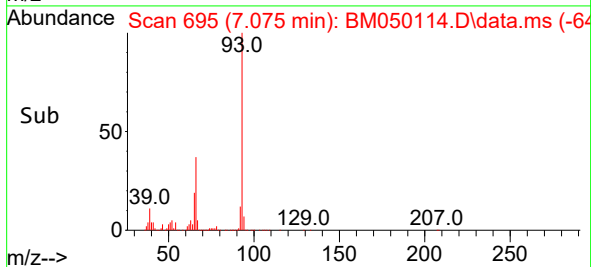
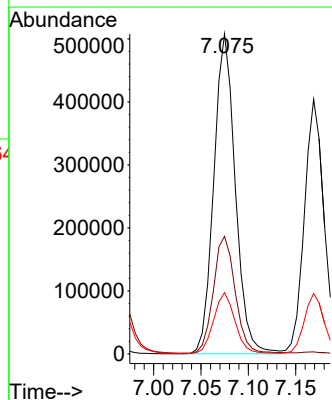
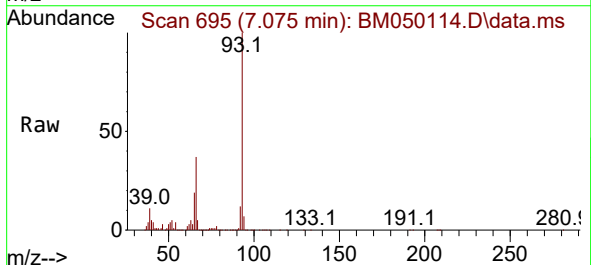
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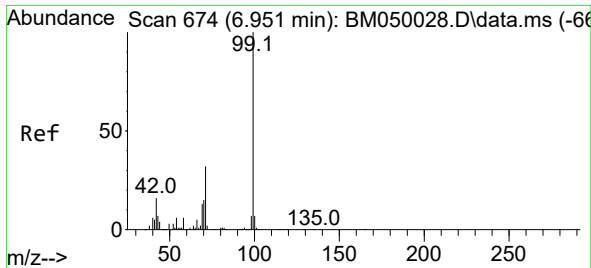
Tgt Ion:112 Resp: 1808154
Ion Ratio Lower Upper
112 100
64 53.4 42.6 64.0
63 27.7 22.2 33.4



#6
Aniline
Concen: 35.098 ng
RT: 7.075 min Scan# 695
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion: 93 Resp: 801388
Ion Ratio Lower Upper
93 100
66 36.7 29.9 44.9
65 19.2 14.5 21.7

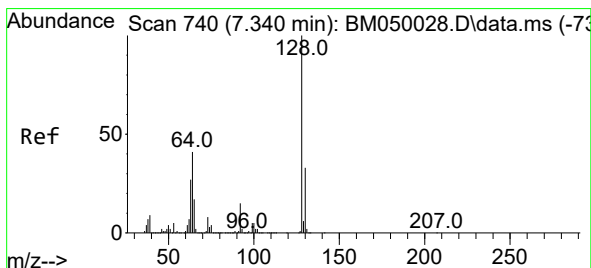
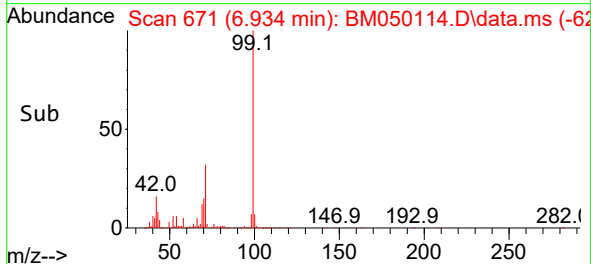
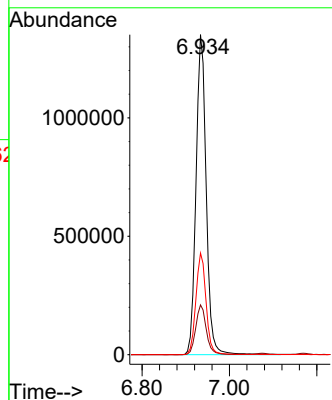
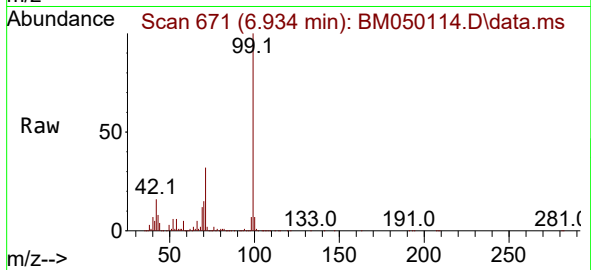




#7
Phenol-d6
Concen: 121.350 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.018 min
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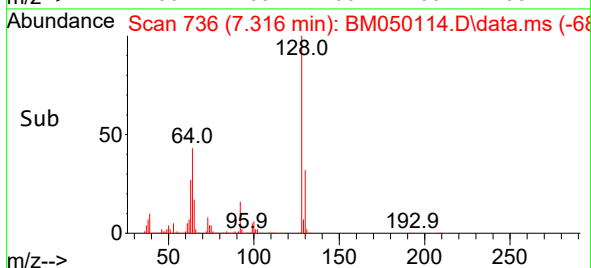
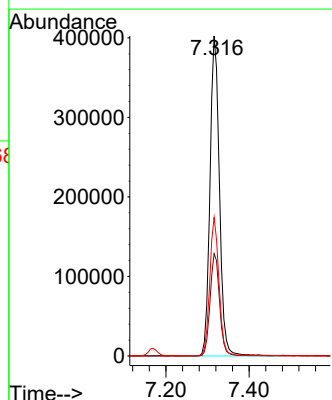
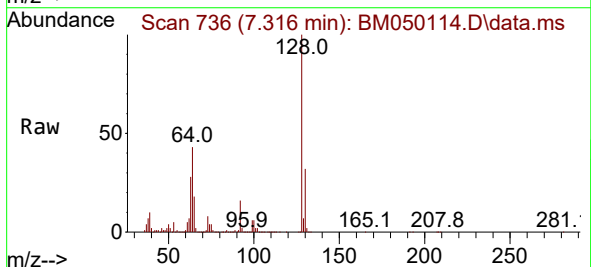
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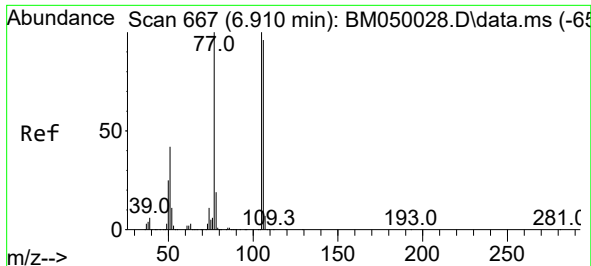
Tgt Ion: 99 Resp: 2194221
Ion Ratio Lower Upper
99 100
42 15.6 13.0 19.4
71 31.8 25.6 38.4



#8
2-Chlorophenol
Concen: 40.979 ng
RT: 7.316 min Scan# 736
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion: 128 Resp: 637424
Ion Ratio Lower Upper
128 100
130 31.9 12.8 52.8
64 43.2 21.2 61.2

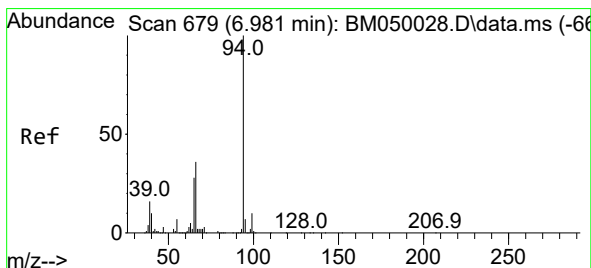
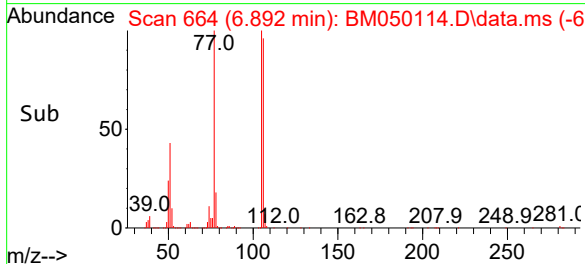
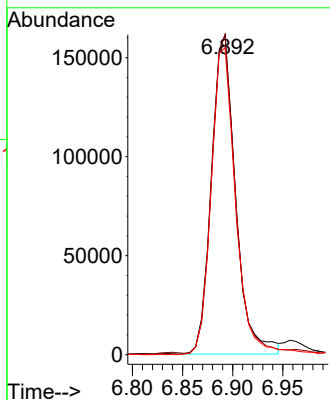
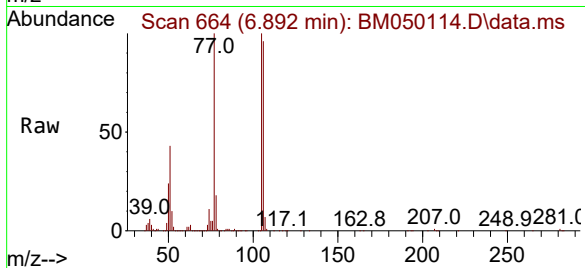




#9
Benzaldehyde
Concen: 22.381 ng
RT: 6.892 min Scan# 664
Delta R.T. -0.018 min
Lab File: BM050114.D
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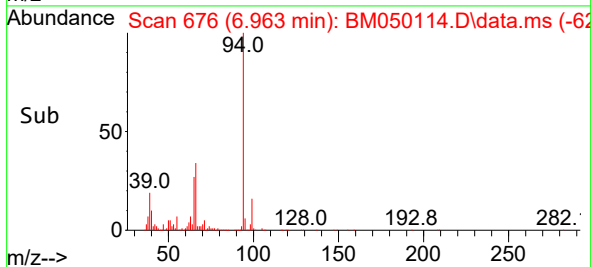
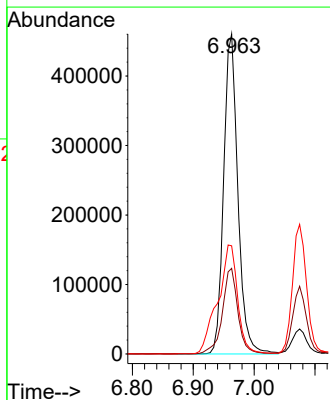
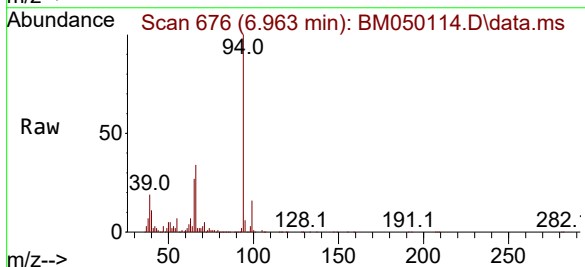
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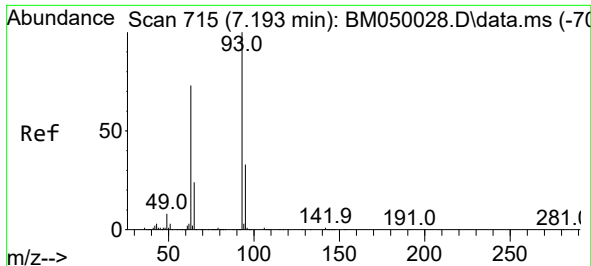
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Ion Ratio Lower Upper
77 100
105 100.0 80.5 120.5
106 96.0 76.1 116.1



#10
Phenol
Concen: 40.838 ng
RT: 6.963 min Scan# 676
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion: 94 Resp: 747544
Ion Ratio Lower Upper
94 100
65 26.8 7.6 47.6
66 33.8 15.8 55.8

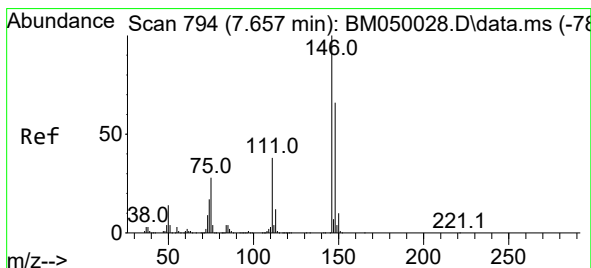
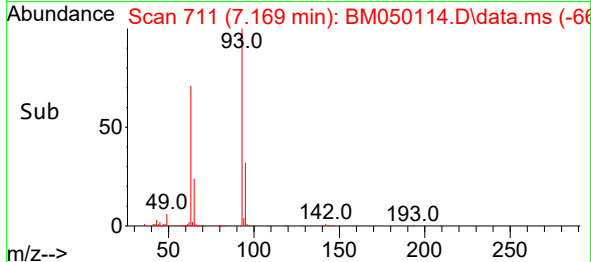
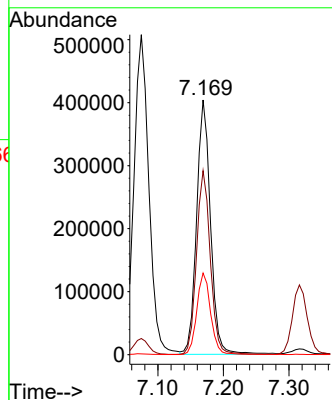
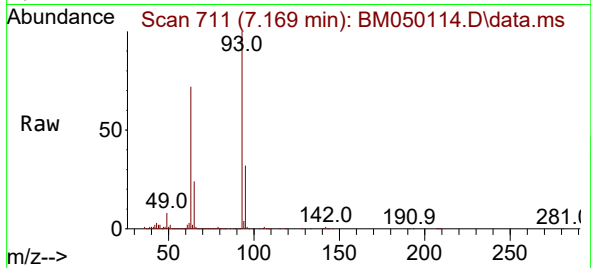




#11
bis(2-Chloroethyl)ether
Concen: 39.086 ng
RT: 7.169 min Scan# 715
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

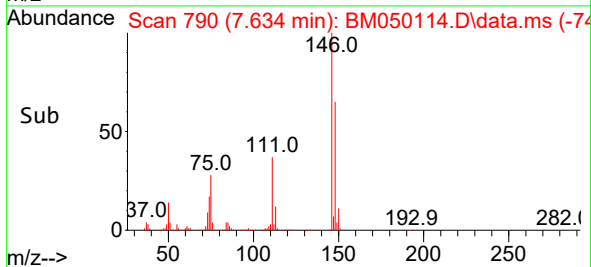
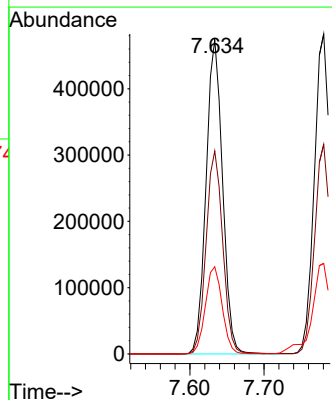
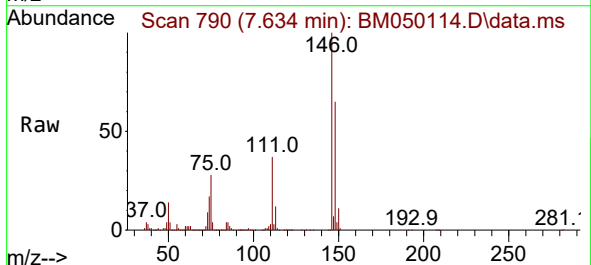
Instrument :
BNA_M
ClientSampleId :
PB167857BS

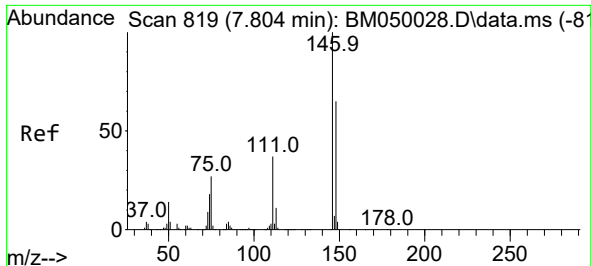
Tgt Ion: 93 Resp: 597431
Ion Ratio Lower Upper
93 100
63 72.2 52.3 92.3
95 32.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.126 ng
RT: 7.634 min Scan# 790
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:146 Resp: 735168
Ion Ratio Lower Upper
146 100
148 64.6 52.5 78.7
75 27.7 22.6 34.0

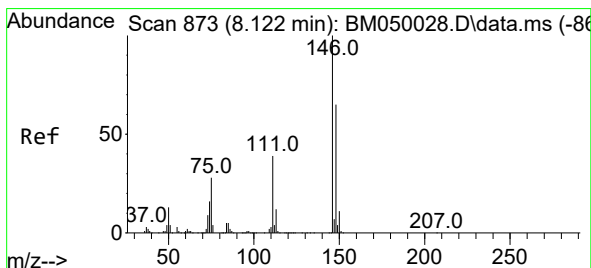
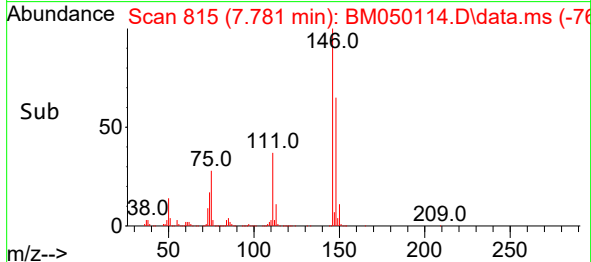
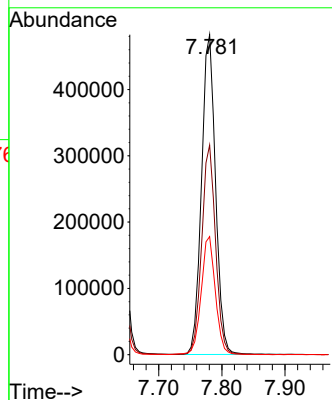
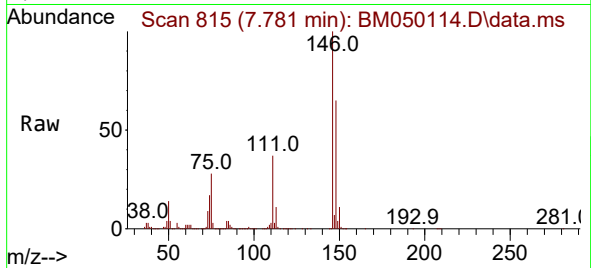




#13
1,4-Dichlorobenzene
Concen: 39.500 ng
RT: 7.781 min Scan# 819
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

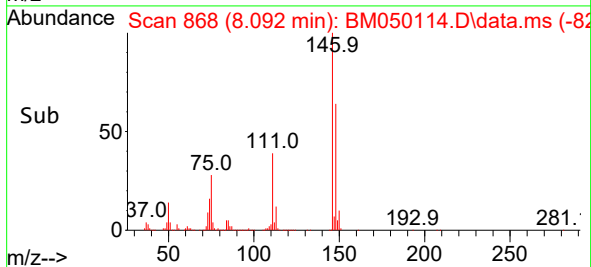
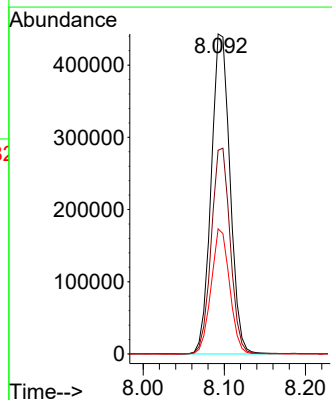
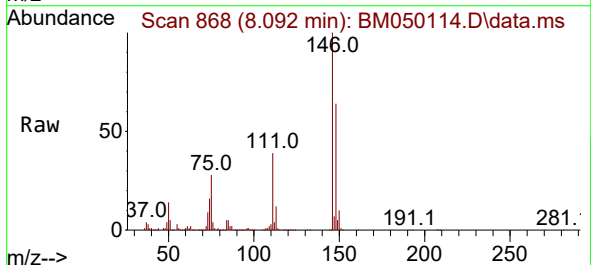
Instrument :
BNA_M
ClientSampleId :
PB167857BS

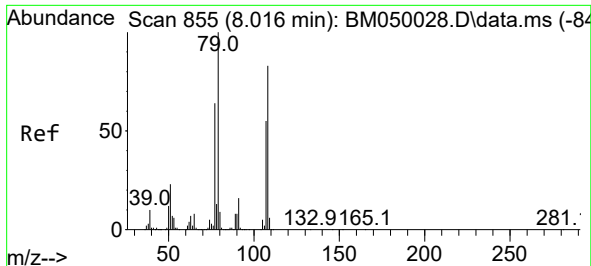
Tgt Ion:146 Resp: 745620
Ion Ratio Lower Upper
146 100
148 65.5 52.2 78.2
111 36.9 29.3 43.9



#14
1,2-Dichlorobenzene
Concen: 39.259 ng
RT: 8.092 min Scan# 868
Delta R.T. -0.030 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:146 Resp: 715845
Ion Ratio Lower Upper
146 100
148 63.7 52.4 78.6
111 39.1 31.0 46.6

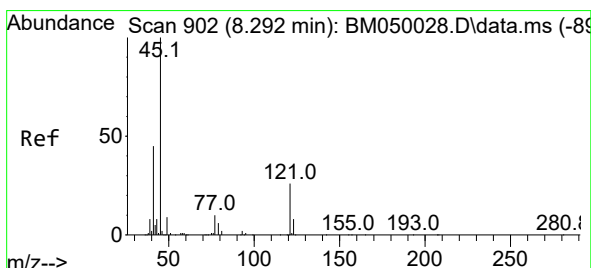
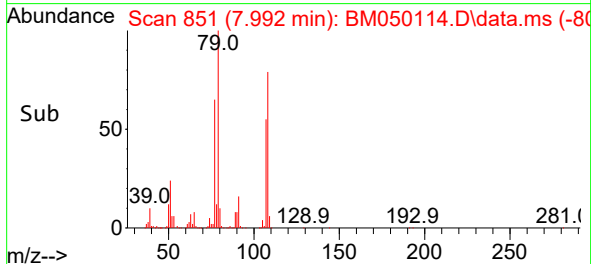
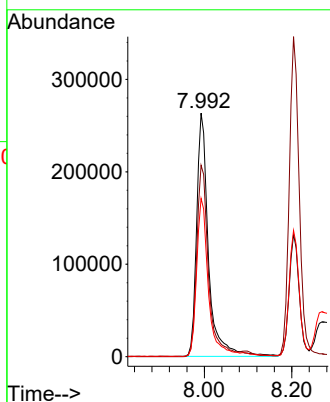
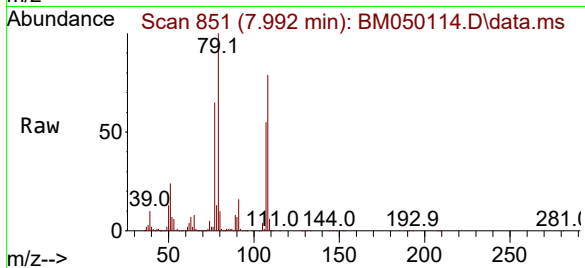




#15
Benzyl Alcohol
Concen: 39.784 ng
RT: 7.992 min Scan# 81
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

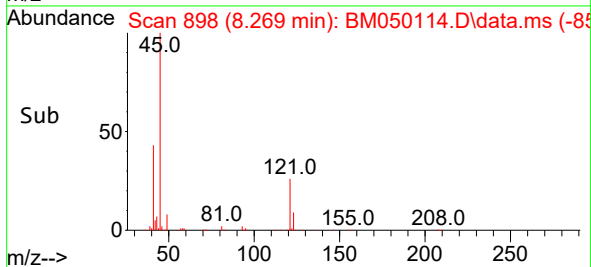
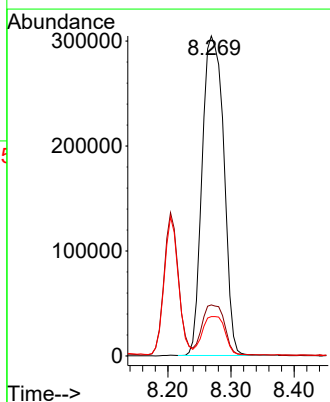
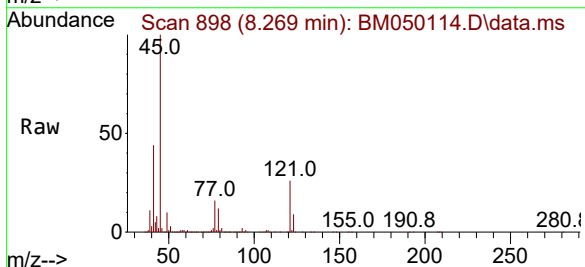
Instrument :
BNA_M
ClientSampleId :
PB167857BS

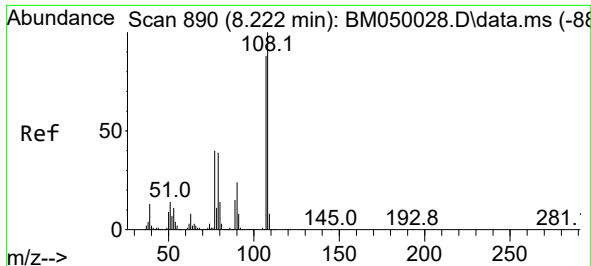
Tgt Ion: 79 Resp: 498872
Ion Ratio Lower Upper
79 100
108 78.6 66.0 99.0
77 65.0 51.6 77.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.876 ng
RT: 8.269 min Scan# 898
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion: 45 Resp: 722306
Ion Ratio Lower Upper
45 100
77 16.0 0.0 36.4
79 12.3 0.0 32.7

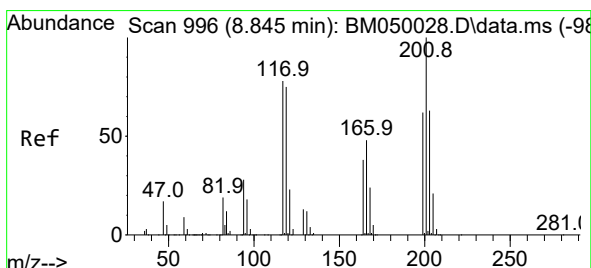
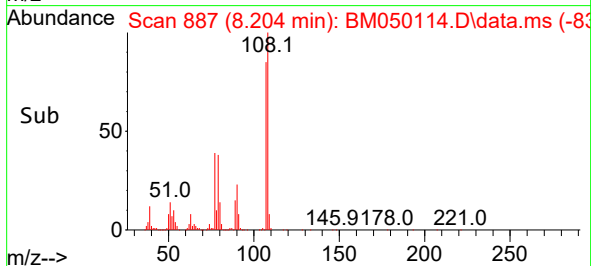
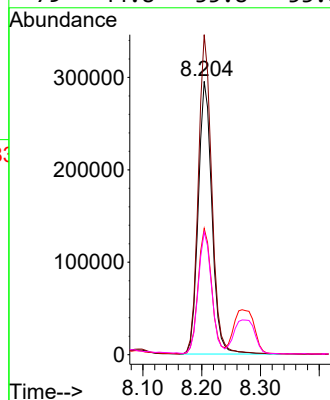
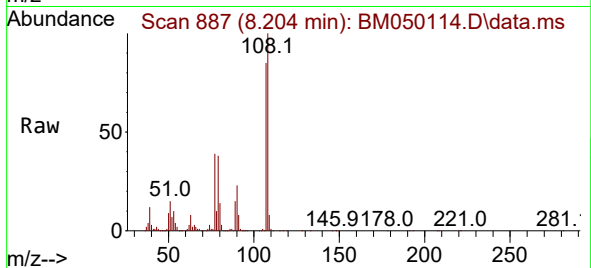




#17
2-Methylphenol
Concen: 39.539 ng
RT: 8.204 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

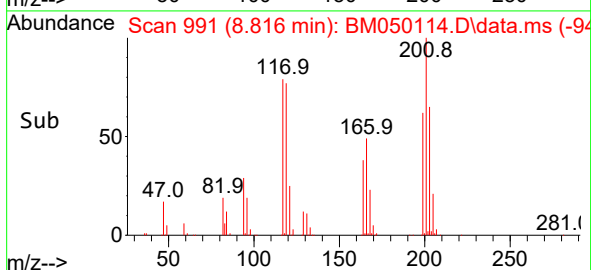
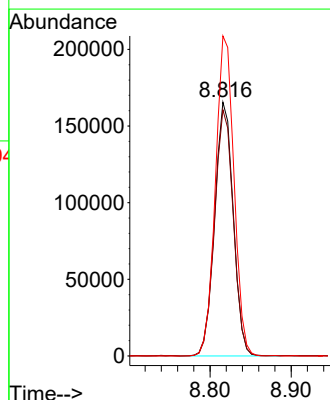
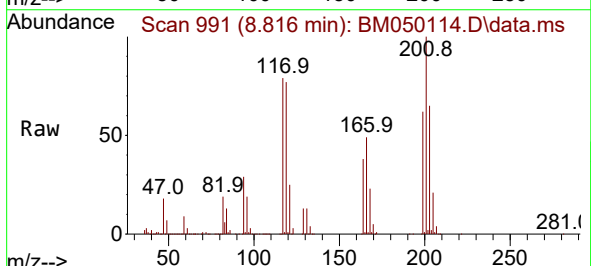
Instrument :
BNA_M
ClientSampleId :
PB167857BS

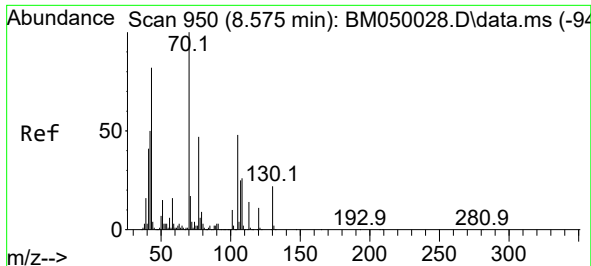
Tgt Ion:107 Resp: 476788
Ion Ratio Lower Upper
107 100
108 117.1 91.1 136.7
77 46.2 36.2 54.4
79 44.8 35.8 53.8



#18
Hexachloroethane
Concen: 39.410 ng
RT: 8.816 min Scan# 991
Delta R.T. -0.030 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:117 Resp: 264449
Ion Ratio Lower Upper
117 100
119 97.0 77.3 115.9
201 126.1 102.8 154.2





#19

n-Nitroso-di-n-propylamine

Concen: 37.638 ng

RT: 8.551 min Scan# 946

Delta R.T. -0.024 min

Lab File: BM050114.D

Acq: 06 May 2025 11:21

Instrument :

BNA_M

ClientSampleId :

PB167857BS

Tgt Ion: 70 Resp: 436482

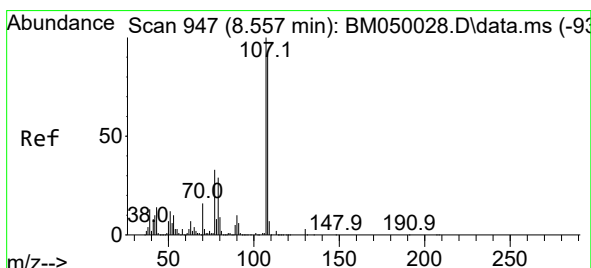
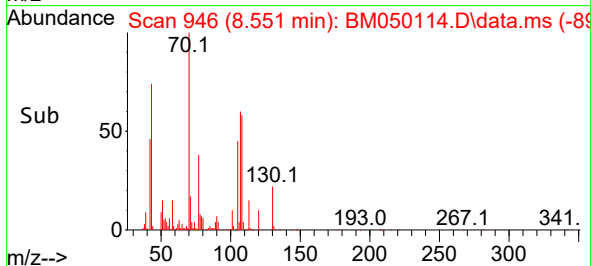
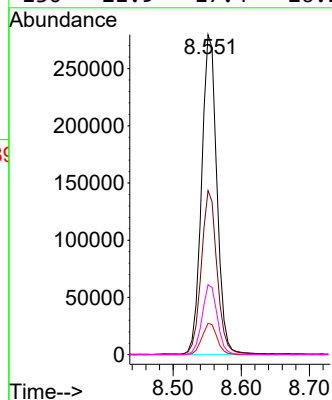
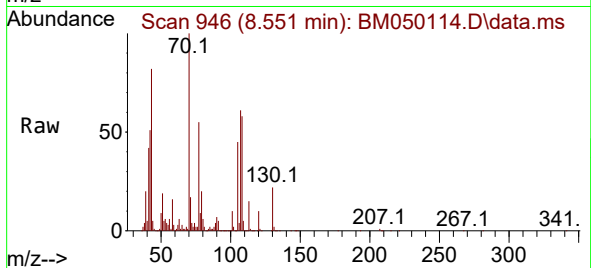
Ion Ratio Lower Upper

70 100

42 51.2 40.5 60.7

101 9.8 7.8 11.6

130 21.9 17.4 26.2



#20

3+4-Methylphenols

Concen: 39.501 ng

RT: 8.533 min Scan# 943

Delta R.T. -0.024 min

Lab File: BM050114.D

Acq: 06 May 2025 11:21

Tgt Ion: 107 Resp: 643262

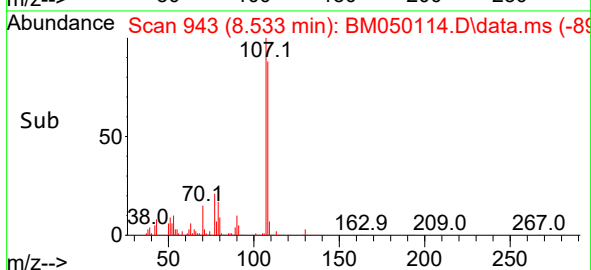
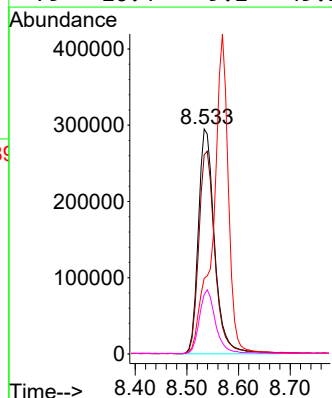
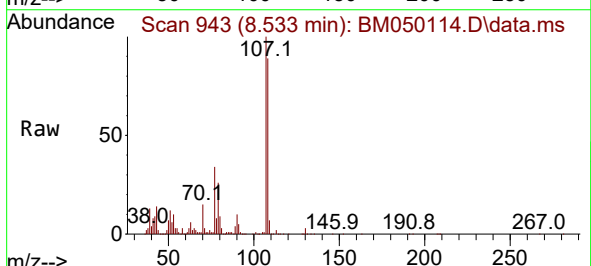
Ion Ratio Lower Upper

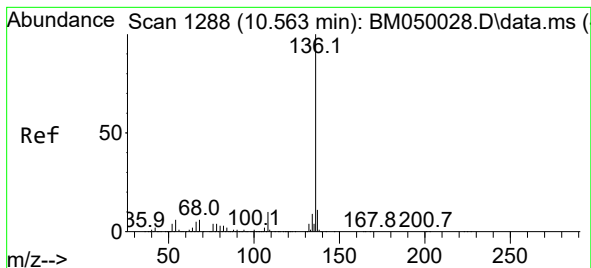
107 100

108 88.6 72.4 112.4

77 33.6 13.6 53.6

79 26.4 9.2 49.2

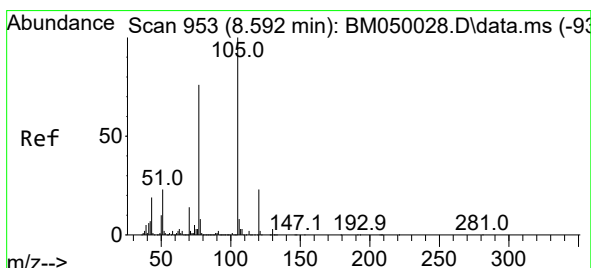
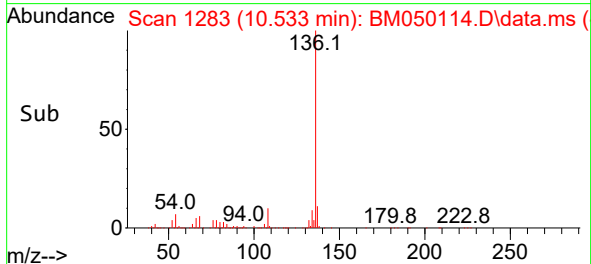
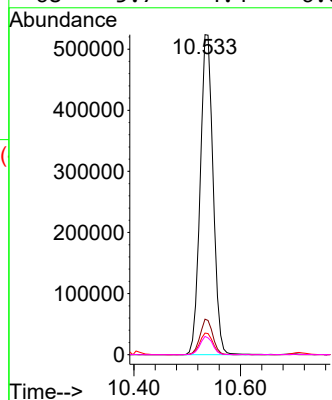
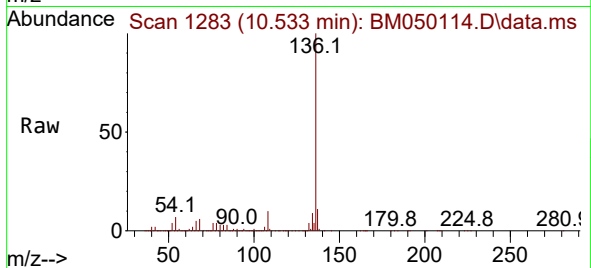




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.533 min Scan# 11
Delta R.T. -0.030 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

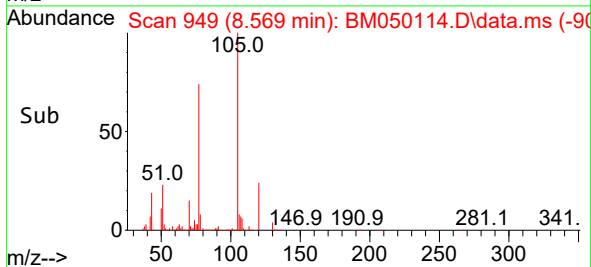
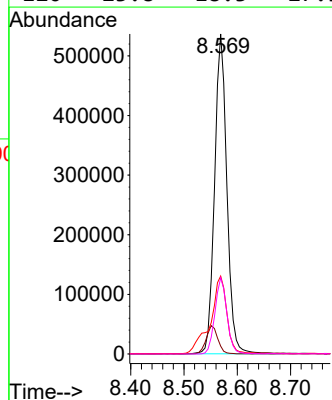
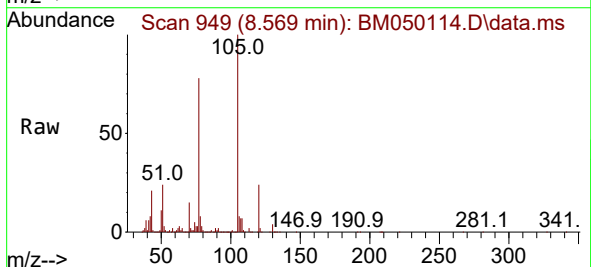
Instrument :
BNA_M
ClientSampleId :
PB167857BS

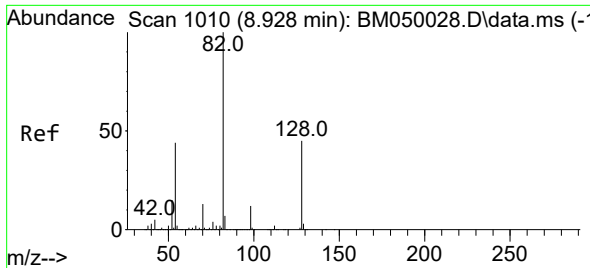
Tgt Ion:136 Resp: 880758
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.8 5.1 7.7
68 5.7 4.4 6.6



#22
Acetophenone
Concen: 39.402 ng
RT: 8.569 min Scan# 949
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:105 Resp: 862792
Ion Ratio Lower Upper
105 100
71 2.5 1.7 2.5
51 24.4 18.6 27.8
120 23.8 18.3 27.5

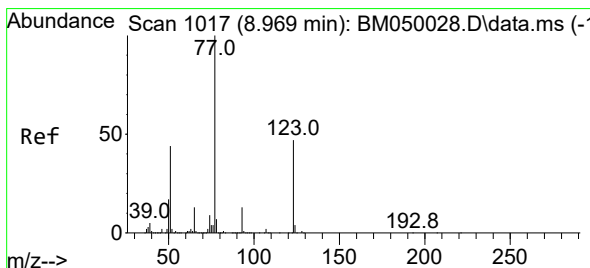
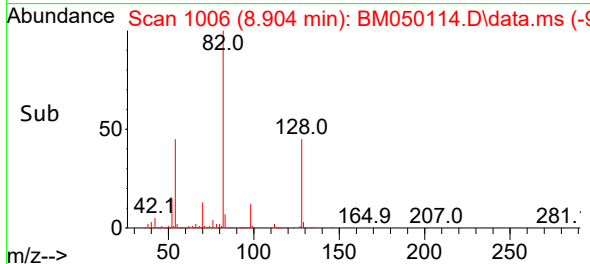
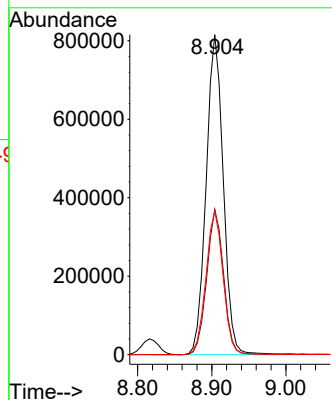
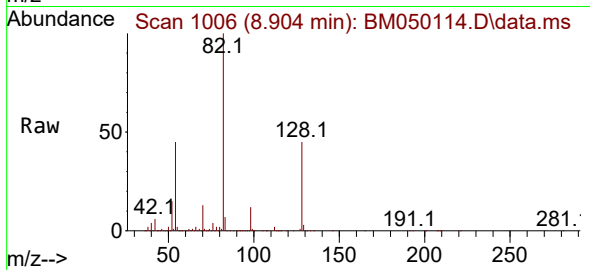




#23
Nitrobenzene-d5
Concen: 73.287 ng
RT: 8.904 min Scan# 1010
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

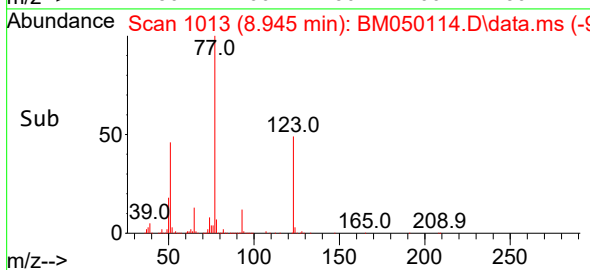
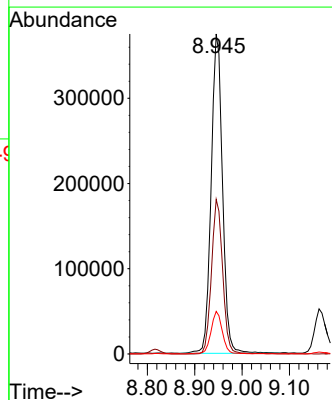
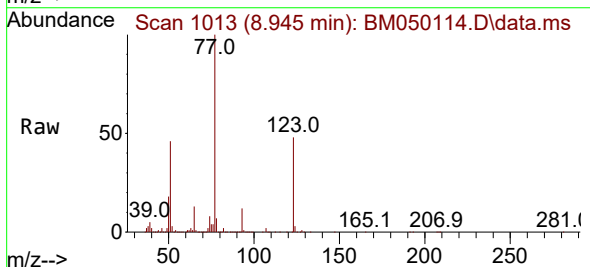
Instrument :
BNA_M
ClientSampleId :
PB167857BS

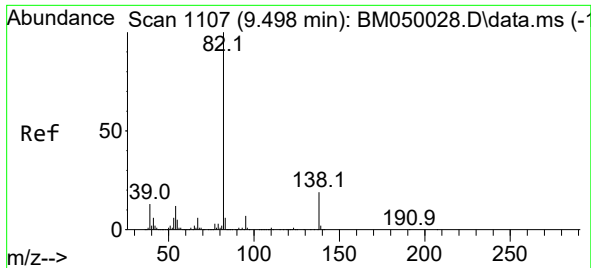
Tgt Ion: 82 Resp: 1309925
Ion Ratio Lower Upper
82 100
128 45.4 35.7 53.5
54 44.8 35.4 53.2



#24
Nitrobenzene
Concen: 40.408 ng
RT: 8.945 min Scan# 1013
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion: 77 Resp: 624497
Ion Ratio Lower Upper
77 100
123 48.3 37.9 56.9
65 13.3 10.1 15.1





#25

Isophorone

Concen: 38.443 ng

RT: 9.475 min Scan# 1103

Delta R.T. -0.024 min

Lab File: BM050114.D

Acq: 06 May 2025 11:21

Instrument :

BNA_M

ClientSampleId :

PB167857BS

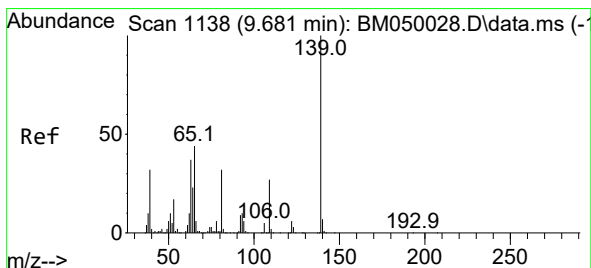
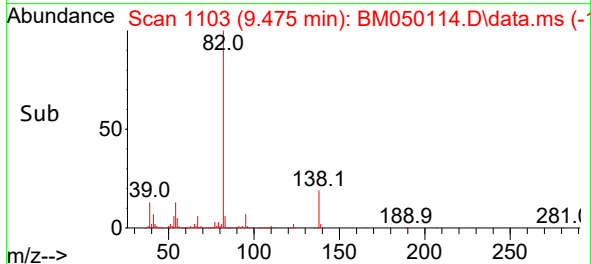
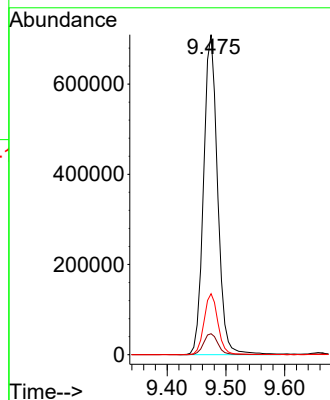
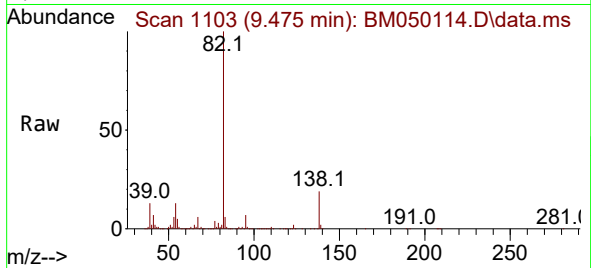
Tgt Ion: 82 Resp: 1171263

Ion Ratio Lower Upper

82 100

95 6.6 5.7 8.5

138 19.1 15.5 23.3



#26

2-Nitrophenol

Concen: 41.952 ng

RT: 9.657 min Scan# 1134

Delta R.T. -0.024 min

Lab File: BM050114.D

Acq: 06 May 2025 11:21

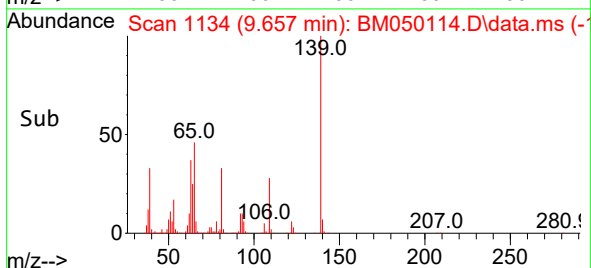
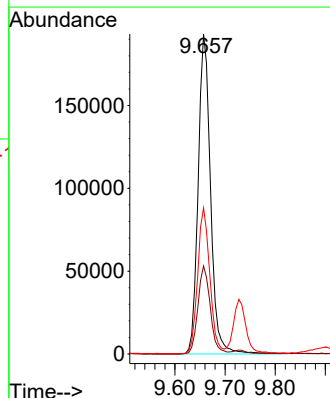
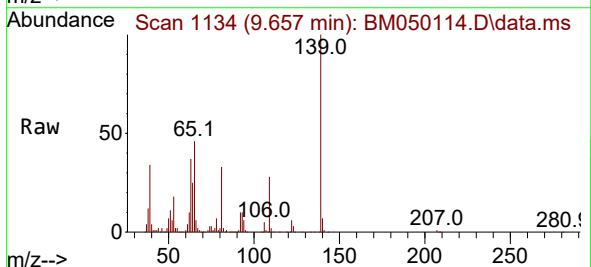
Tgt Ion: 139 Resp: 331231

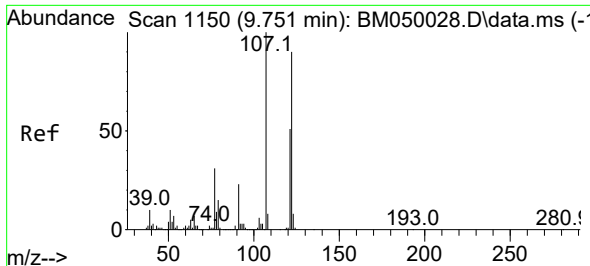
Ion Ratio Lower Upper

139 100

109 27.5 21.9 32.9

65 45.7 35.4 53.2

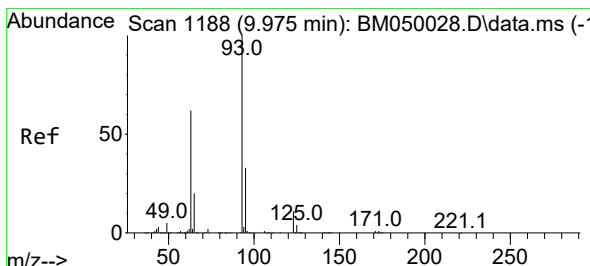
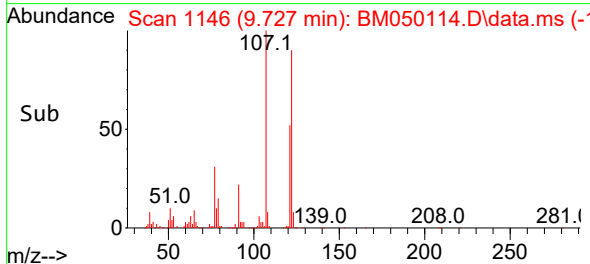
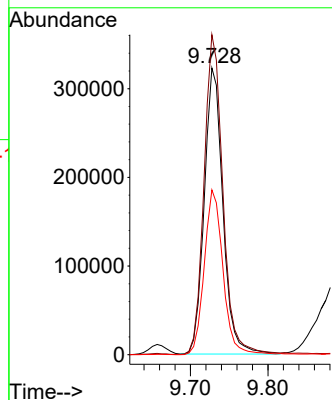
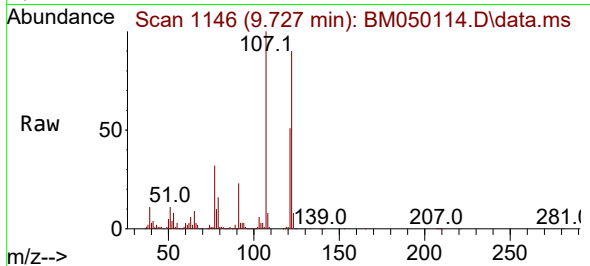




#27
2,4-Dimethylphenol
Concen: 41.141 ng
RT: 9.727 min Scan# 1146
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

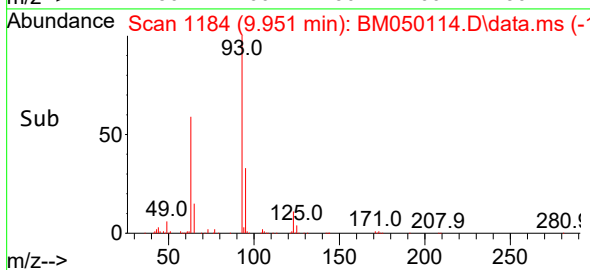
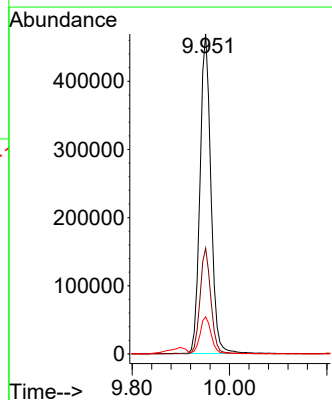
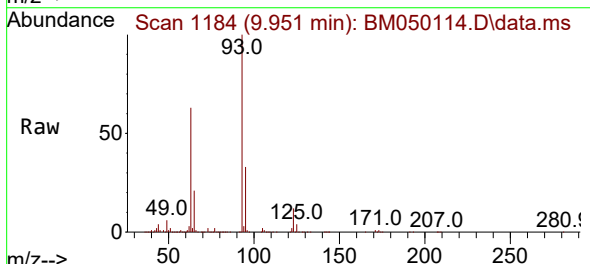
Instrument :
BNA_M
ClientSampleId :
PB167857BS

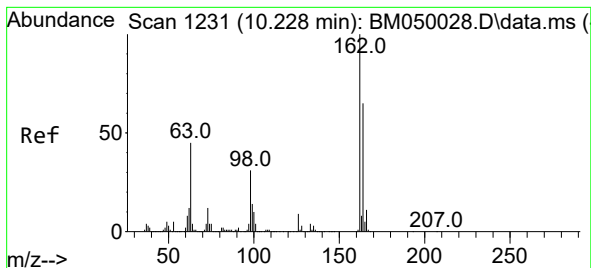
Tgt Ion:122 Resp: 538682
Ion Ratio Lower Upper
122 100
107 111.6 89.0 133.6
121 57.5 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 38.756 ng
RT: 9.951 min Scan# 1184
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion: 93 Resp: 729831
Ion Ratio Lower Upper
93 100
95 33.1 26.1 39.1
123 11.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 41.206 ng

RT: 10.210 min Scan# 1228

Delta R.T. -0.018 min

Lab File: BM050114.D

Acq: 06 May 2025 11:21

Instrument :

BNA_M

ClientSampleId :

PB167857BS

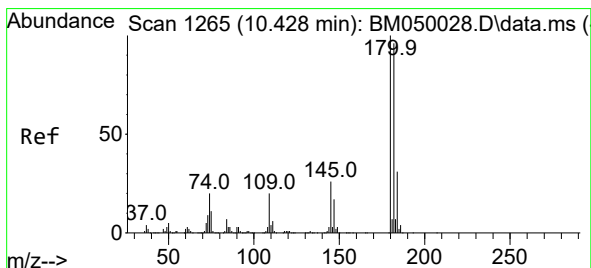
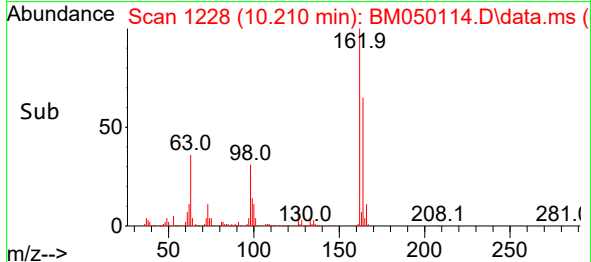
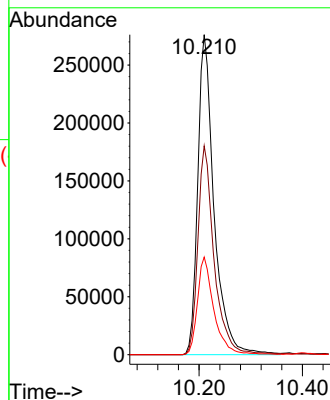
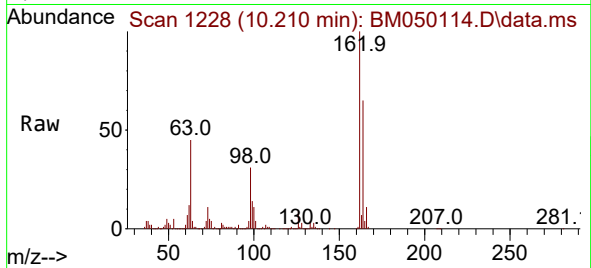
Tgt Ion:162 Resp: 604437

Ion Ratio Lower Upper

162 100

164 65.3 45.4 85.4

98 30.5 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 40.034 ng

RT: 10.404 min Scan# 1261

Delta R.T. -0.024 min

Lab File: BM050114.D

Acq: 06 May 2025 11:21

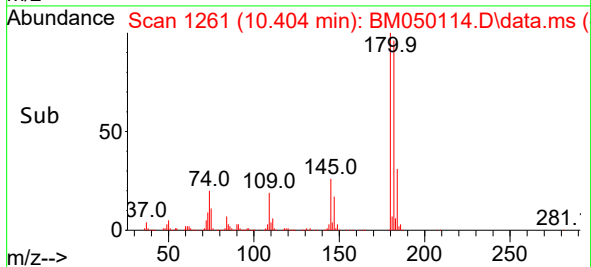
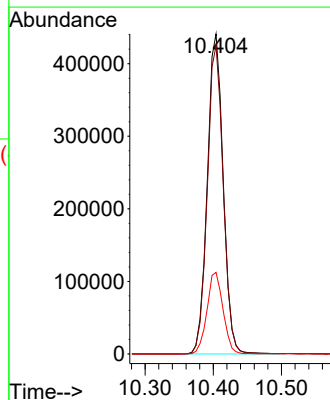
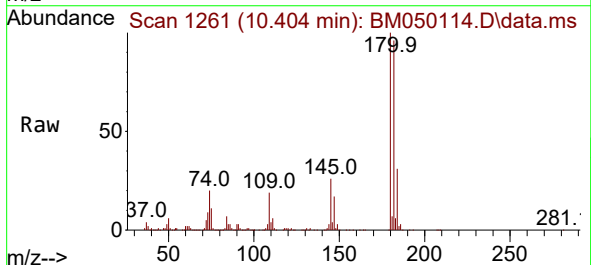
Tgt Ion:180 Resp: 715468

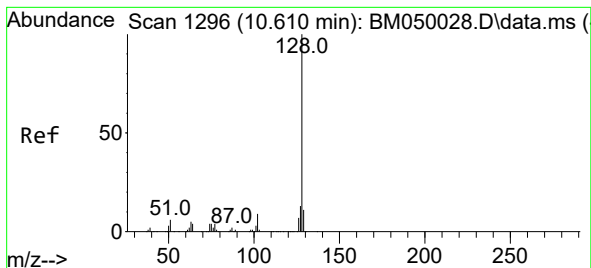
Ion Ratio Lower Upper

180 100

182 96.4 77.0 115.4

145 25.5 20.6 30.8

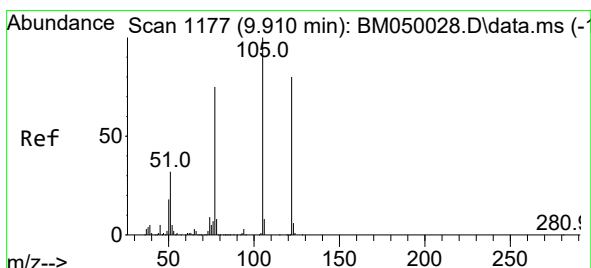
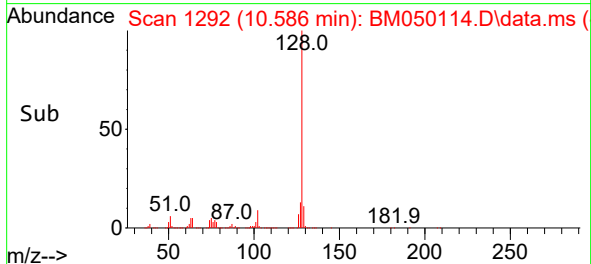
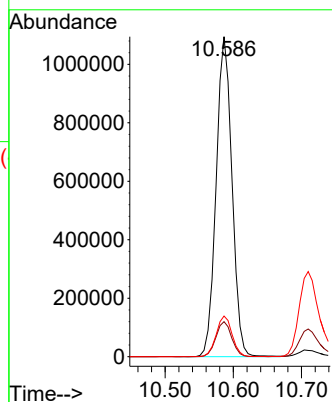
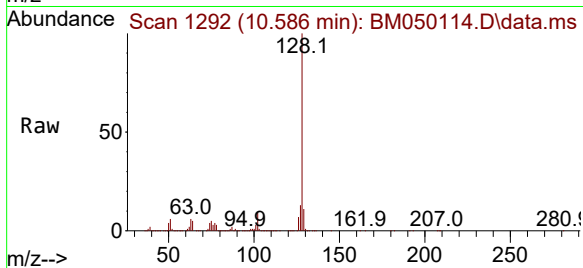




#31
Naphthalene
Concen: 39.607 ng
RT: 10.586 min Scan# 1175
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

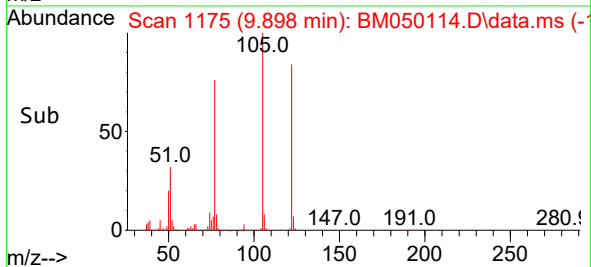
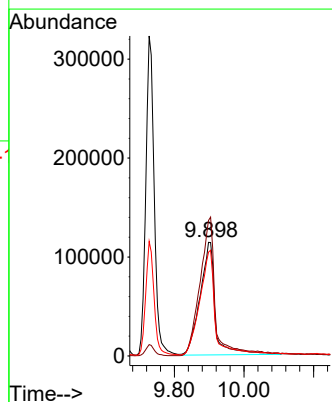
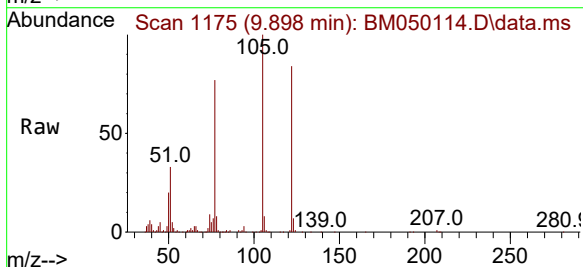
Instrument :
BNA_M
ClientSampleId :
PB167857BS

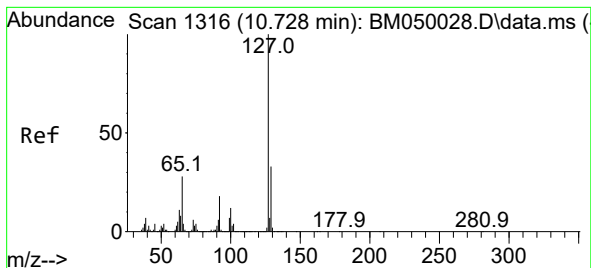
Tgt Ion:128 Resp: 1766653
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.7 10.4 15.6



#32
Benzoic acid
Concen: 41.550 ng
RT: 9.898 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:122 Resp: 347950
Ion Ratio Lower Upper
122 100
105 119.3 103.6 143.6
77 91.4 73.7 113.7





#33

4-Chloroaniline

Concen: 33.966 ng

RT: 10.710 min Scan# 11

Delta R.T. -0.018 min

Lab File: BM050114.D

Acq: 06 May 2025 11:21

Instrument :

BNA_M

ClientSampleId :

PB167857BS

Tgt Ion:127 Resp: 620975

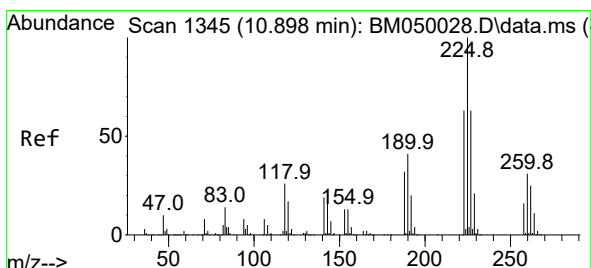
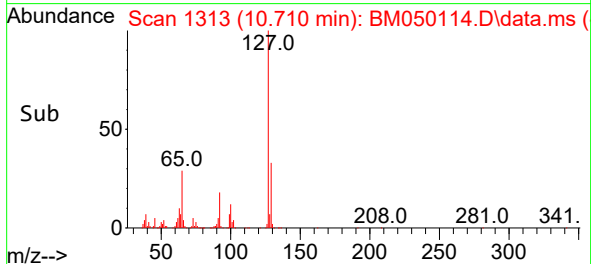
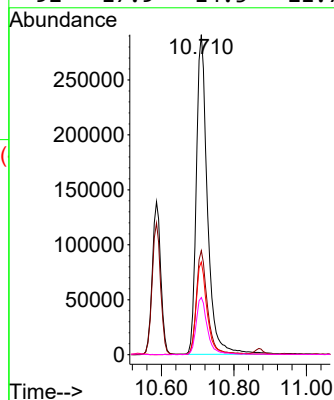
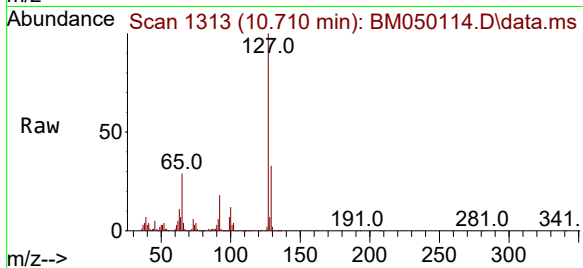
Ion Ratio Lower Upper

127 100

129 32.5 26.3 39.5

65 29.0 22.5 33.7

92 17.9 14.5 21.7



#34

Hexachlorobutadiene

Concen: 40.257 ng

RT: 10.869 min Scan# 1340

Delta R.T. -0.030 min

Lab File: BM050114.D

Acq: 06 May 2025 11:21

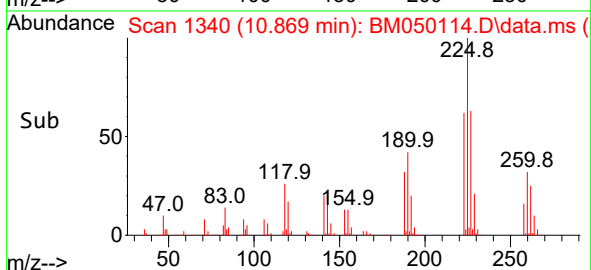
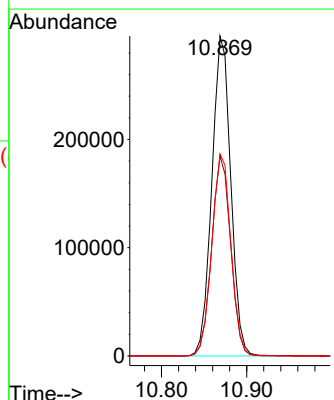
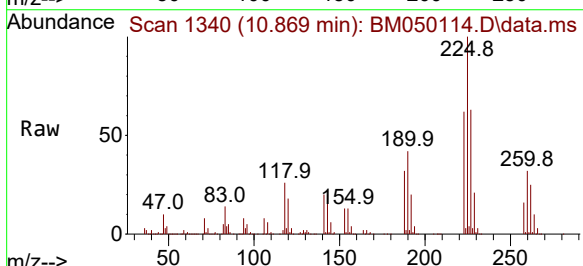
Tgt Ion:225 Resp: 456694

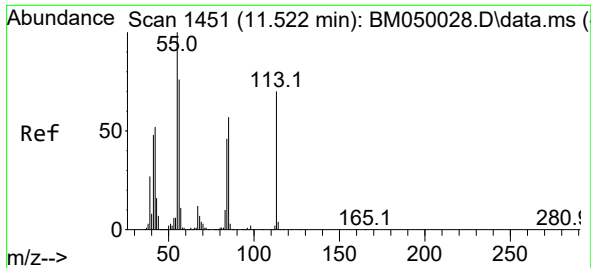
Ion Ratio Lower Upper

225 100

223 62.4 50.2 75.2

227 63.1 50.6 76.0

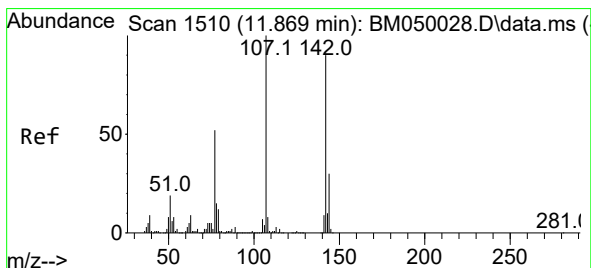
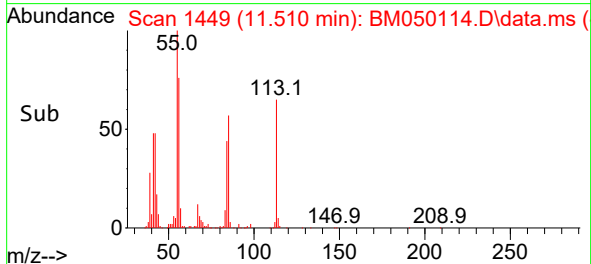
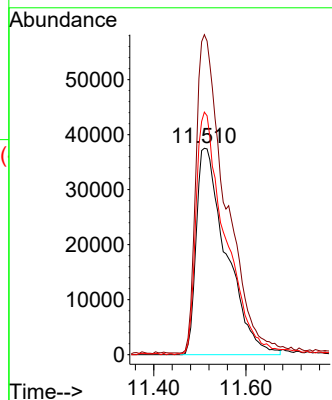
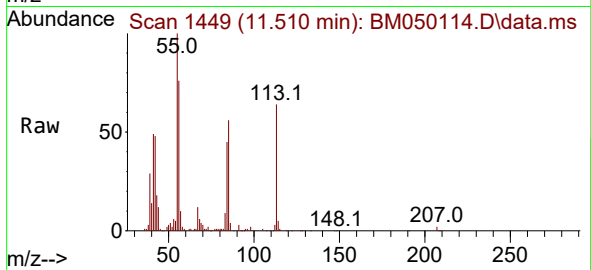




#35
 Caprolactam
 Concen: 39.608 ng
 RT: 11.510 min Scan# 1451
 Delta R.T. -0.012 min
 Lab File: BM050114.D
 Acq: 06 May 2025 11:21

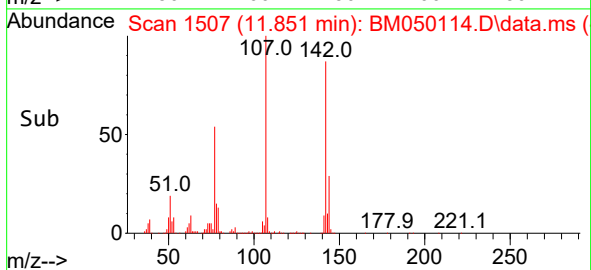
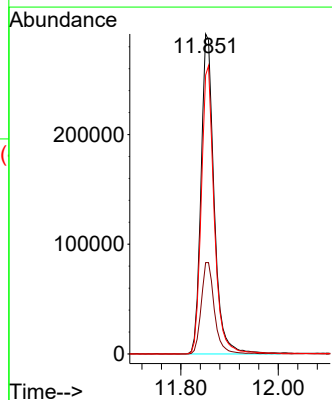
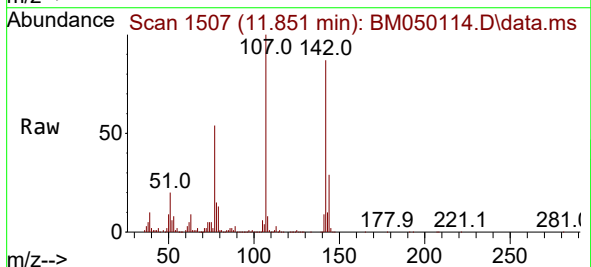
Instrument :
 BNA_M
 ClientSampleId :
 PB167857BS

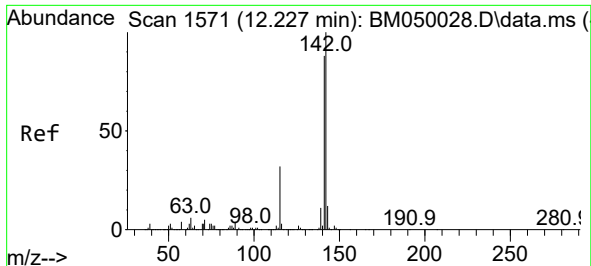
Tgt Ion:113 Resp: 169402
 Ion Ratio Lower Upper
 113 100
 55 155.1 122.9 162.9
 56 117.5 88.1 128.1



#36
 4-Chloro-3-methylphenol
 Concen: 40.269 ng
 RT: 11.851 min Scan# 1507
 Delta R.T. -0.018 min
 Lab File: BM050114.D
 Acq: 06 May 2025 11:21

Tgt Ion:107 Resp: 545727
 Ion Ratio Lower Upper
 107 100
 144 28.6 23.8 35.6
 142 87.2 71.9 107.9

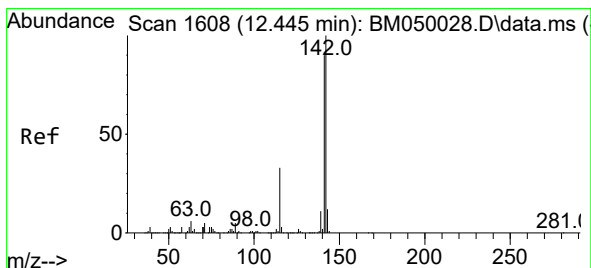
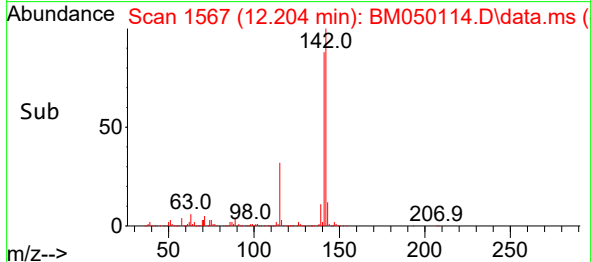
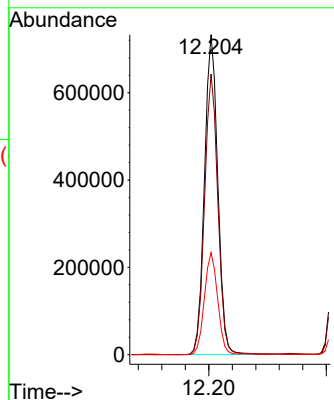
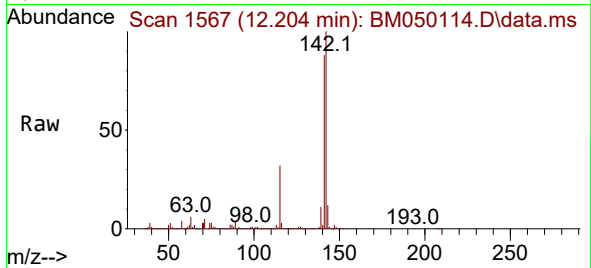




#37
2-Methylnaphthalene
Concen: 38.449 ng
RT: 12.204 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

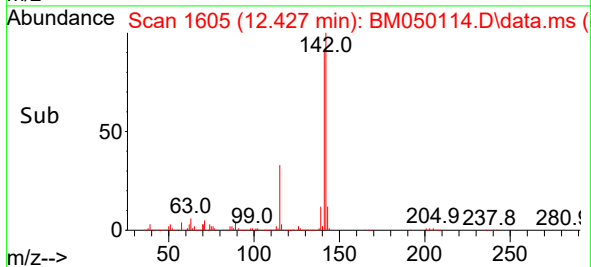
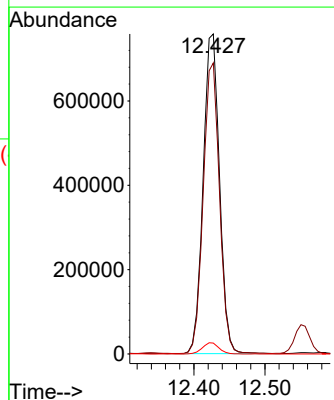
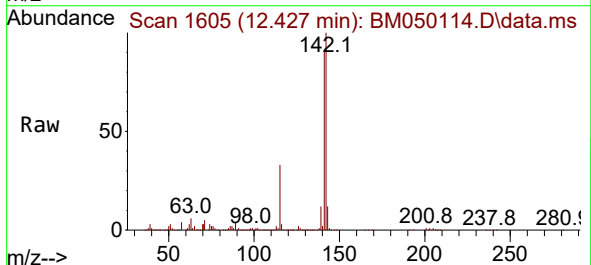
Instrument :
BNA_M
ClientSampleId :
PB167857BS

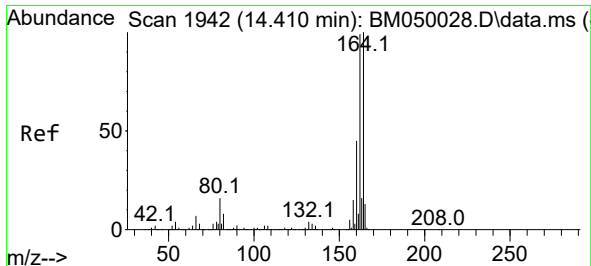
Tgt Ion:142 Resp: 1149787
Ion Ratio Lower Upper
142 100
141 87.7 70.4 105.6
115 31.9 25.4 38.2



#38
1-Methylnaphthalene
Concen: 38.395 ng
RT: 12.427 min Scan# 1605
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:142 Resp: 1215114
Ion Ratio Lower Upper
142 100
141 91.0 72.1 108.1
116 3.4 2.7 4.1

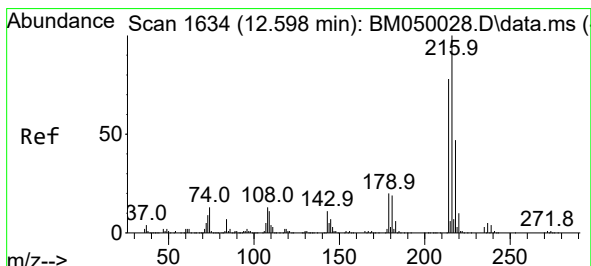
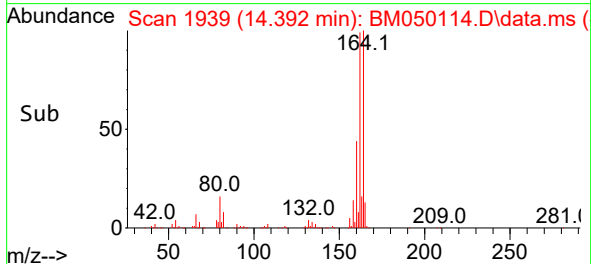
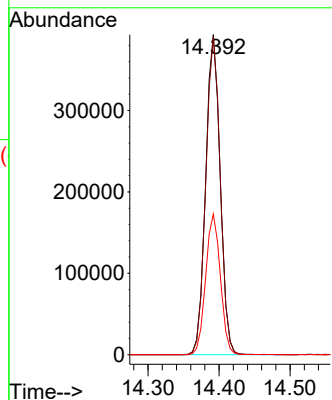
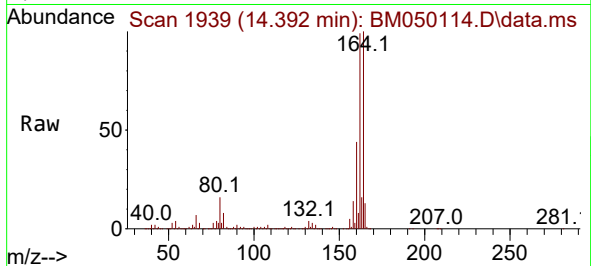




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1942
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

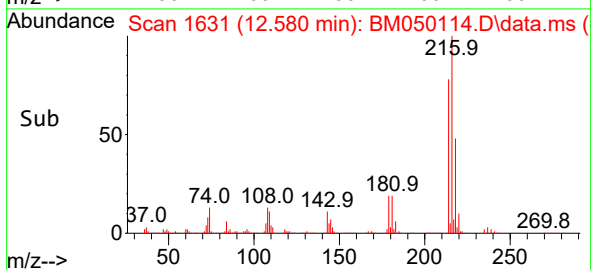
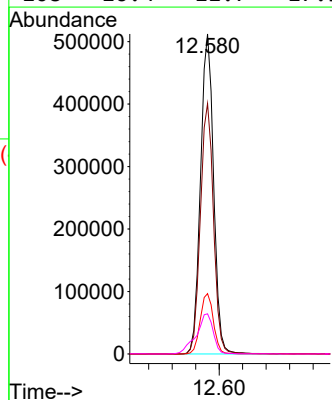
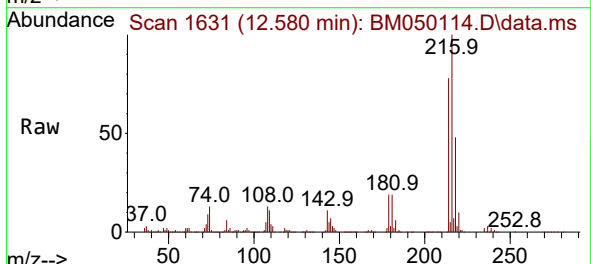
Instrument :
BNA_M
ClientSampleId :
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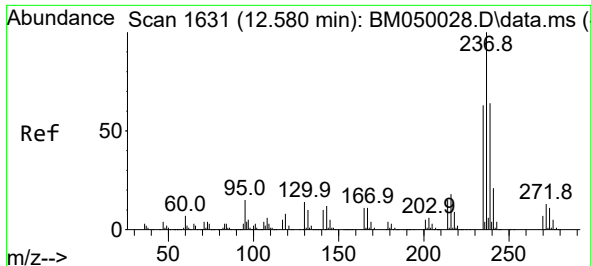
Tgt Ion:164 Resp: 559090
Ion Ratio Lower Upper
164 100
162 99.3 79.4 119.0
160 43.9 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.895 ng
RT: 12.580 min Scan# 1631
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:216 Resp: 791499
Ion Ratio Lower Upper
216 100
214 78.7 62.3 93.5
179 19.1 15.4 23.0
108 16.4 11.7 17.5

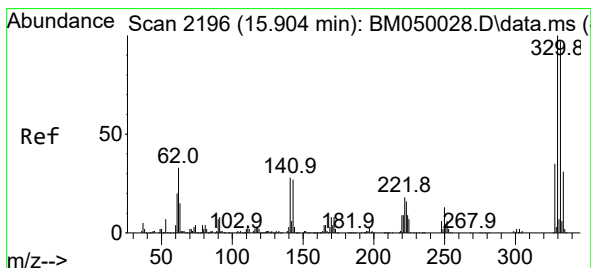
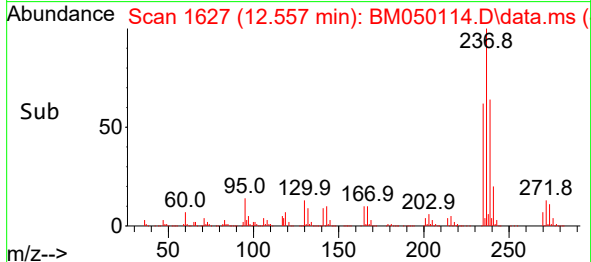
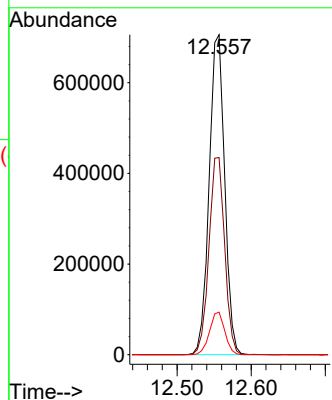
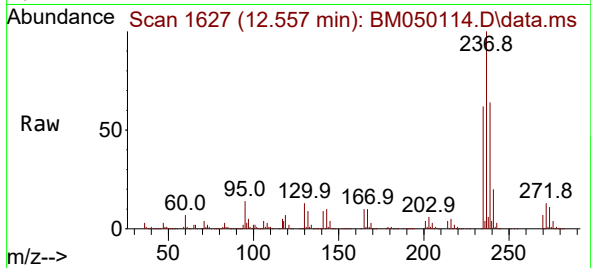




#41
Hexachlorocyclopentadiene
Concen: 86.711 ng
RT: 12.557 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

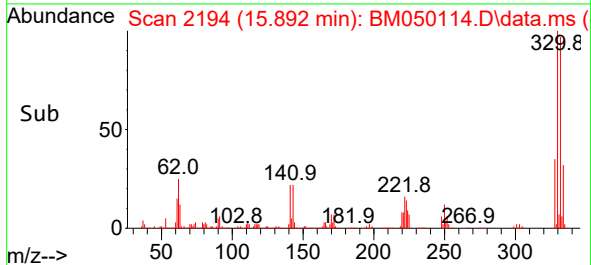
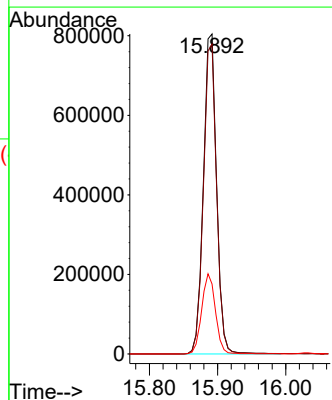
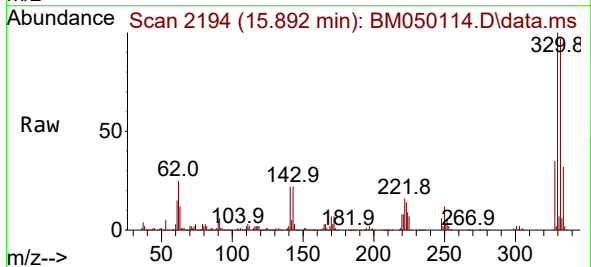
Instrument :
BNA_M
ClientSampleId :
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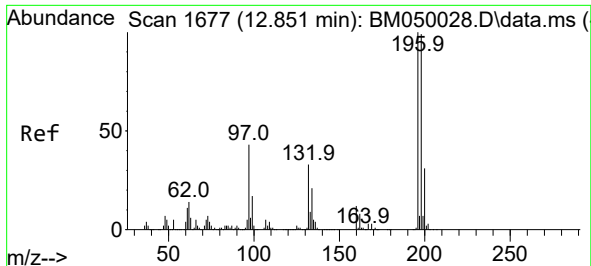
Tgt Ion:237 Resp: 1025596
Ion Ratio Lower Upper
237 100
235 61.6 42.9 82.9
272 13.3 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 131.048 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:330 Resp: 1083363
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 26.1 22.5 33.7

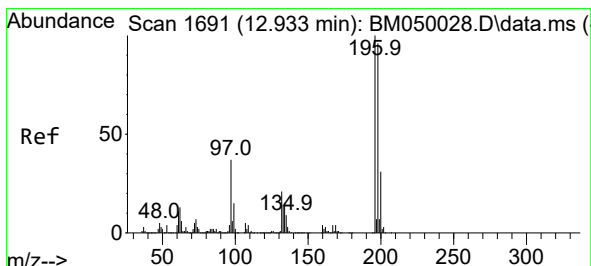
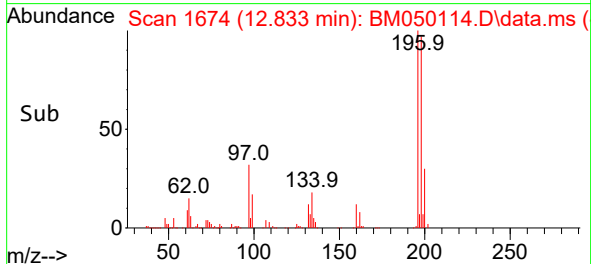
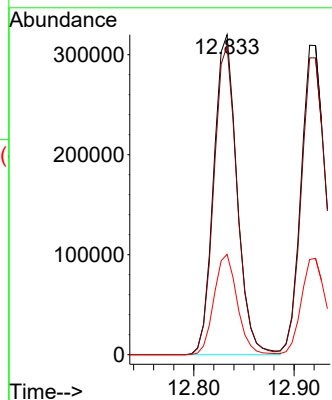
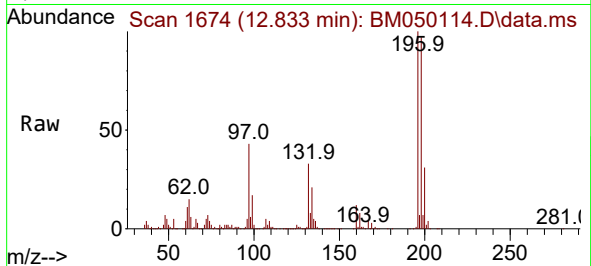




#43
2,4,6-Trichlorophenol
Concen: 42.148 ng
RT: 12.833 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

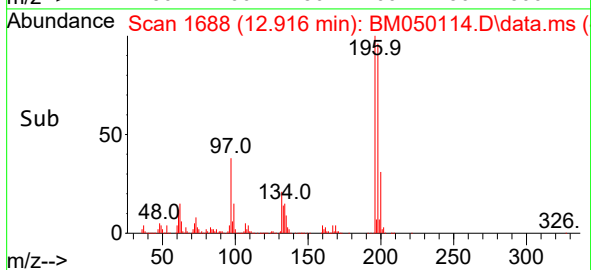
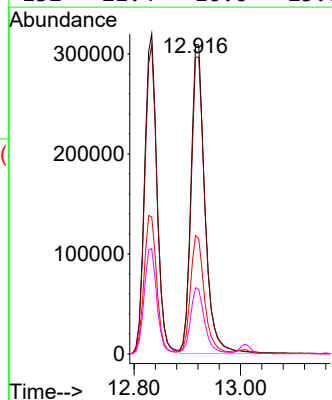
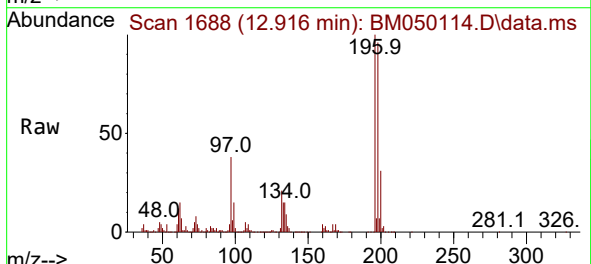
Instrument :
BNA_M
ClientSampleId :
PB167857BS

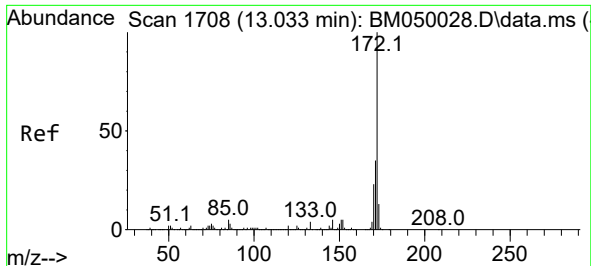
Tgt Ion:196 Resp: 517394
Ion Ratio Lower Upper
196 100
198 96.6 79.0 118.6
200 31.4 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 42.402 ng
RT: 12.916 min Scan# 1688
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:196 Resp: 561291
Ion Ratio Lower Upper
196 100
198 95.9 76.7 115.1
97 38.2 30.1 45.1
132 21.4 16.6 25.0

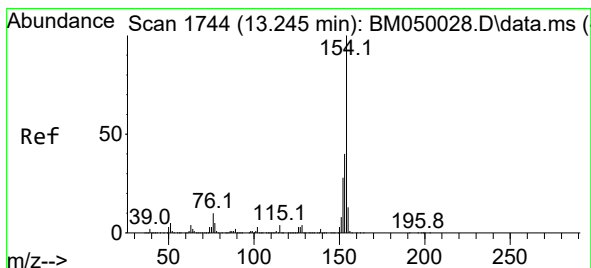
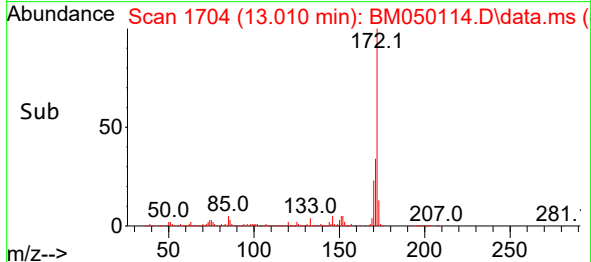
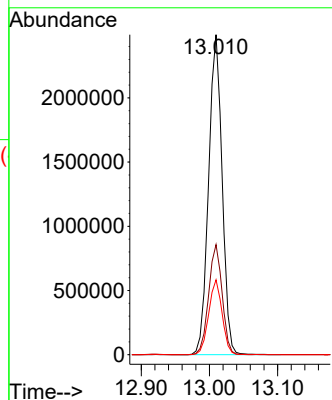
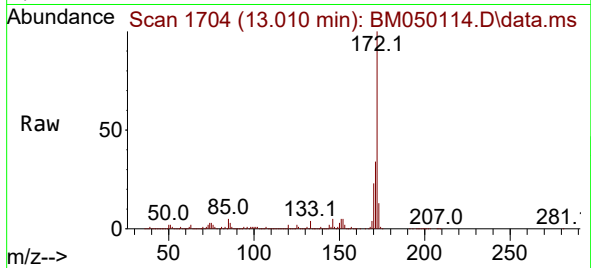




#45
2-Fluorobiphenyl
Concen: 72.888 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

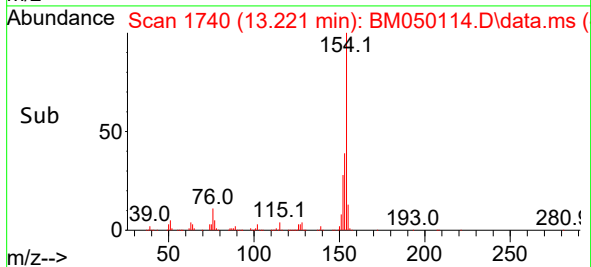
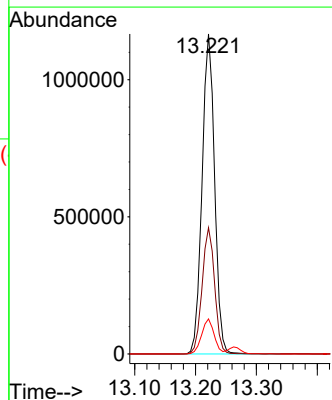
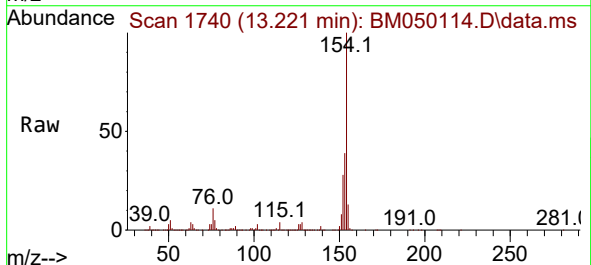
Instrument :
BNA_M
ClientSampleId :
PB167857BS

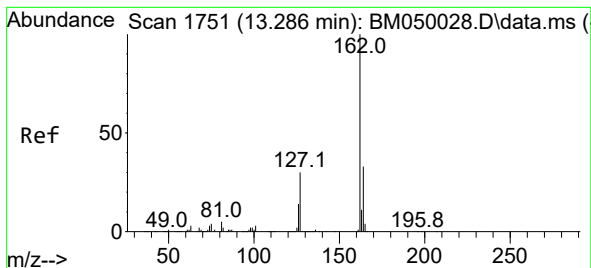
Tgt Ion:172 Resp: 3444742
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.6
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 40.159 ng
RT: 13.221 min Scan# 1740
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:154 Resp: 1669025
Ion Ratio Lower Upper
154 100
153 39.4 20.0 60.0
76 10.9 0.0 30.3

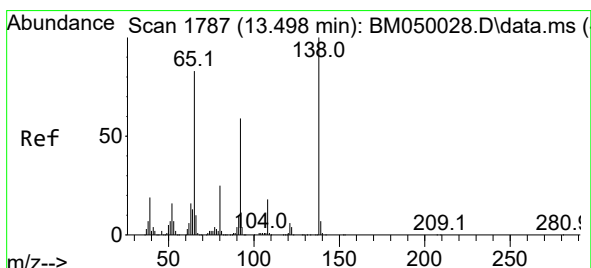
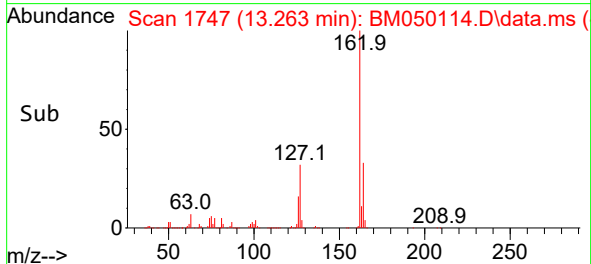
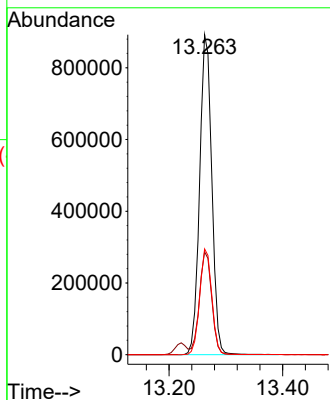
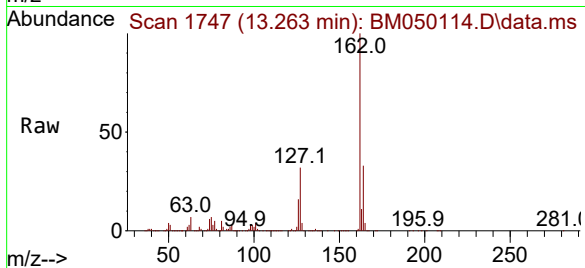




#47
2-Chloronaphthalene
Concen: 40.325 ng
RT: 13.263 min Scan# 1751
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

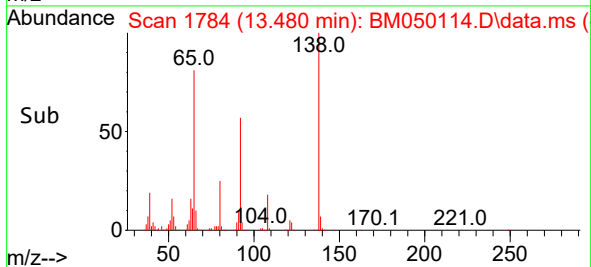
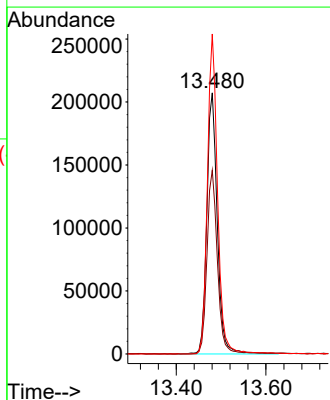
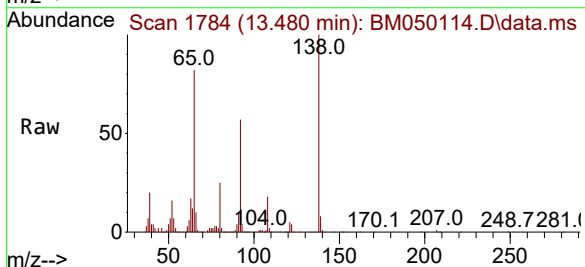
Instrument :
BNA_M
ClientSampleId :
PB167857BS

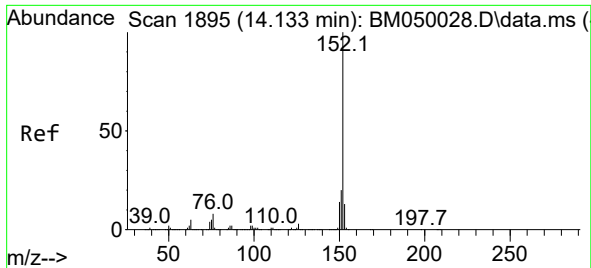
Tgt Ion:162 Resp: 1327323
Ion Ratio Lower Upper
162 100
127 32.2 25.9 38.9
164 33.0 26.6 40.0



#48
2-Nitroaniline
Concen: 43.606 ng
RT: 13.480 min Scan# 1784
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion: 65 Resp: 336871
Ion Ratio Lower Upper
65 100
92 70.4 57.1 85.7
138 122.5 97.0 145.4

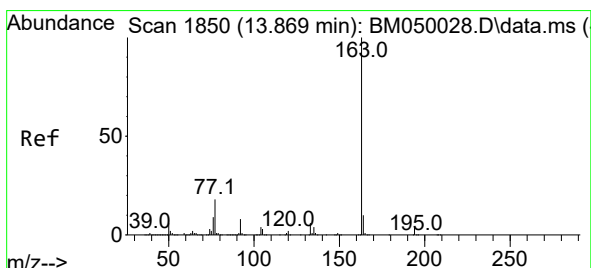
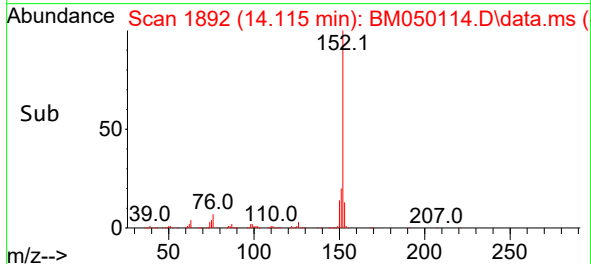
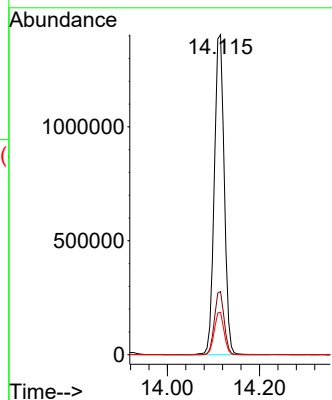
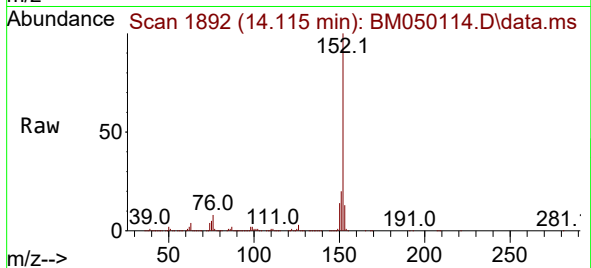




#49
Acenaphthylene
Concen: 40.453 ng
RT: 14.115 min Scan# 1892
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

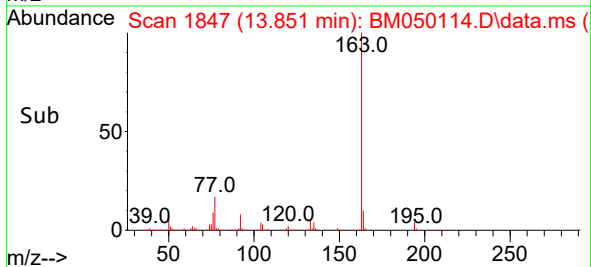
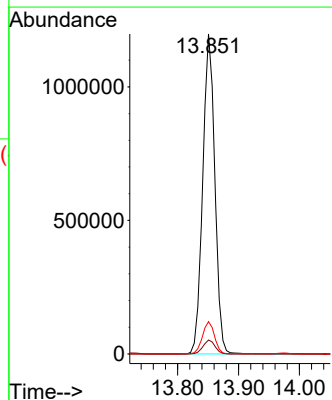
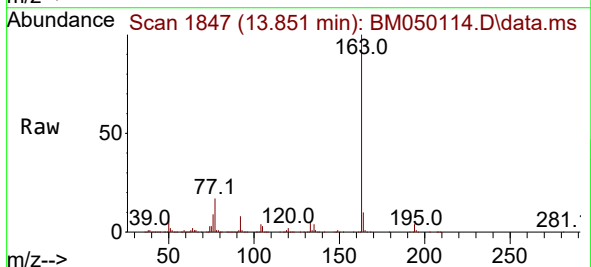
Instrument :
BNA_M
ClientSampleId :
PB167857BS

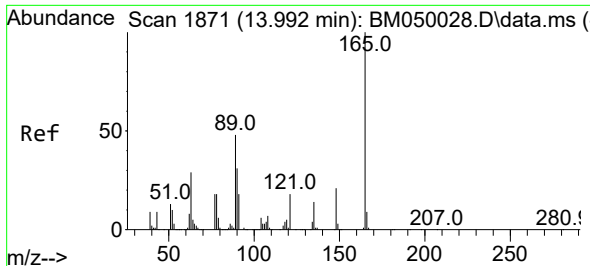
Tgt Ion:152 Resp: 2099404
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 40.412 ng
RT: 13.851 min Scan# 1847
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:163 Resp: 1651210
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.1 8.2 12.2

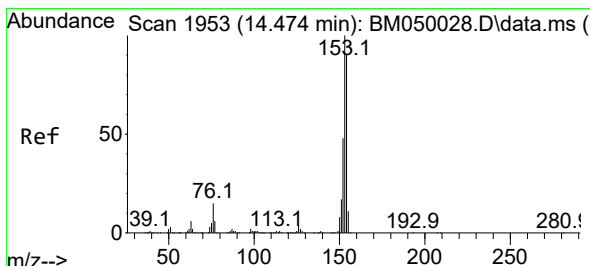
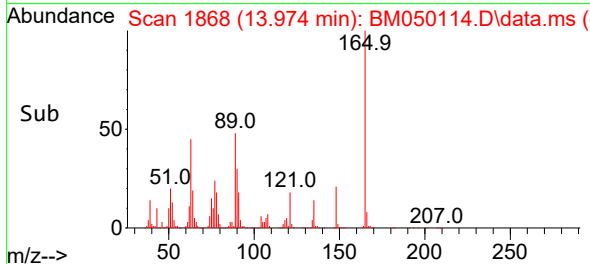
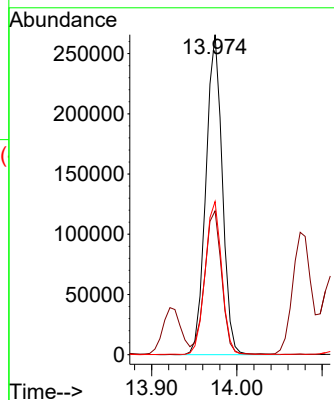
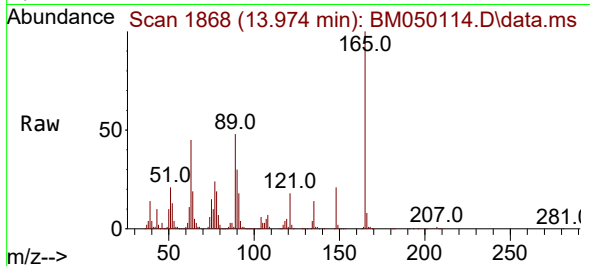




#51
2,6-Dinitrotoluene
Concen: 42.046 ng
RT: 13.974 min Scan# 1868
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

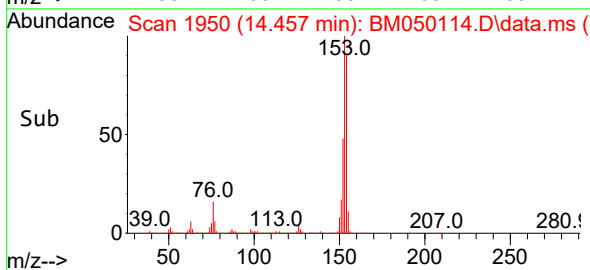
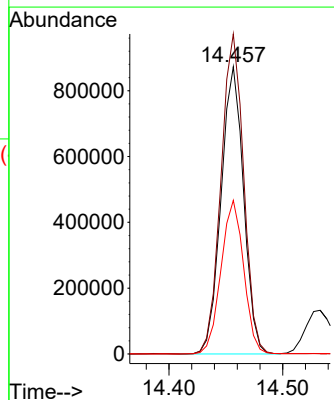
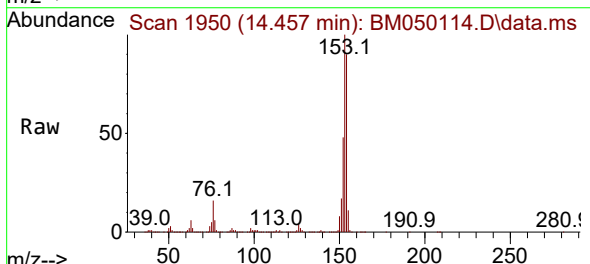
Instrument :
BNA_M
ClientSampleId :
PB167857BS

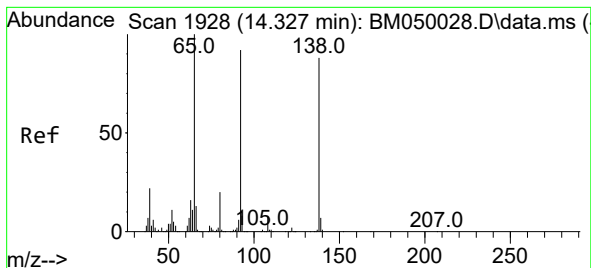
Tgt Ion:165 Resp: 355694
Ion Ratio Lower Upper
165 100
63 44.9 35.1 52.7
89 47.9 38.4 57.6



#52
Acenaphthene
Concen: 40.051 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:154 Resp: 1203147
Ion Ratio Lower Upper
154 100
153 111.4 89.0 133.4
152 53.4 43.0 64.6

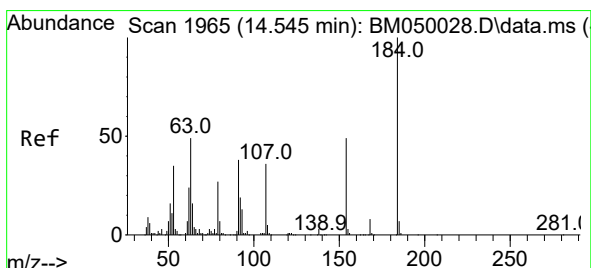
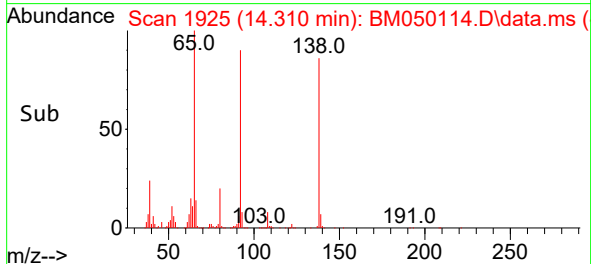
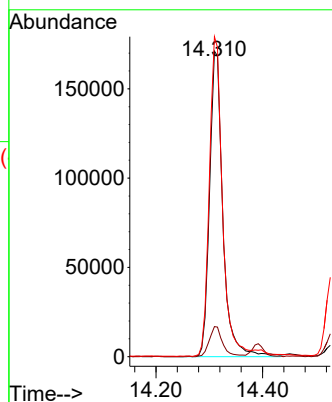
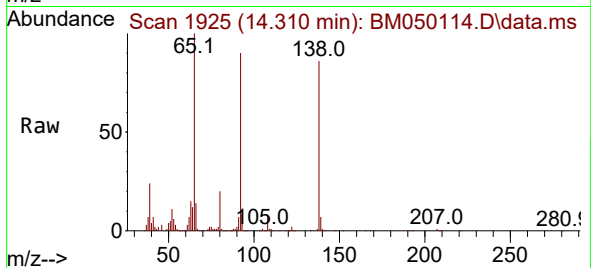




#53
3-Nitroaniline
Concen: 36.639 ng
RT: 14.310 min Scan# 1925
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

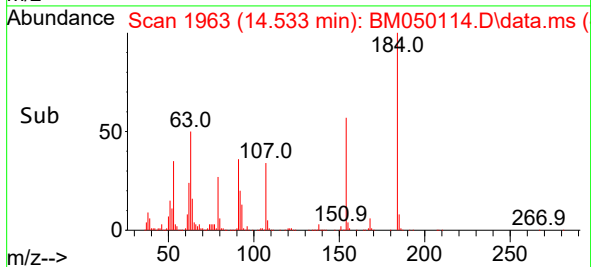
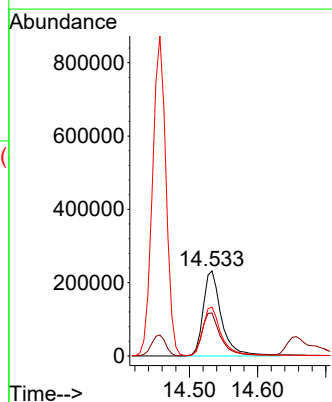
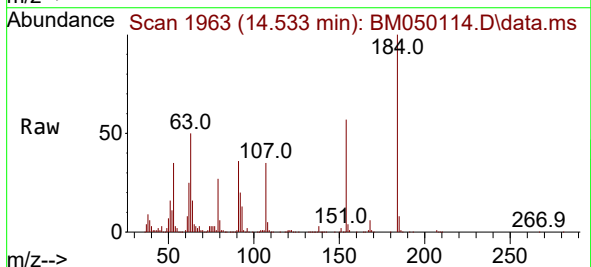
Instrument :
BNA_M
ClientSampleId :
PB167857BS

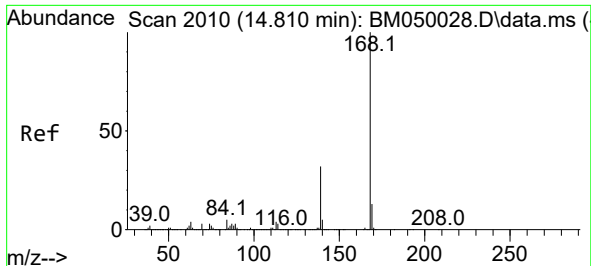
Tgt Ion:138 Resp: 295920
Ion Ratio Lower Upper
138 100
108 9.9 7.4 11.2
92 104.7 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 79.924 ng
RT: 14.533 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:184 Resp: 432668
Ion Ratio Lower Upper
184 100
63 50.3 39.8 59.6
154 57.2 46.1 69.1

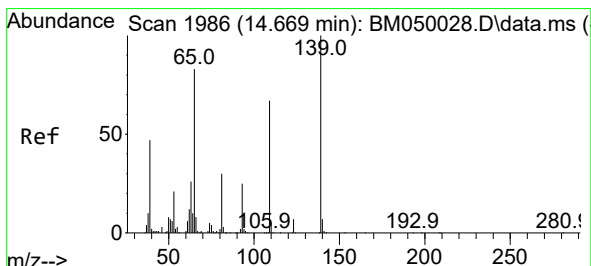
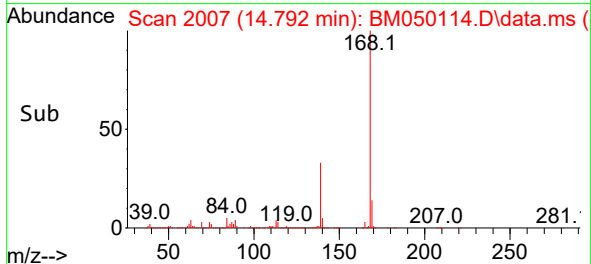
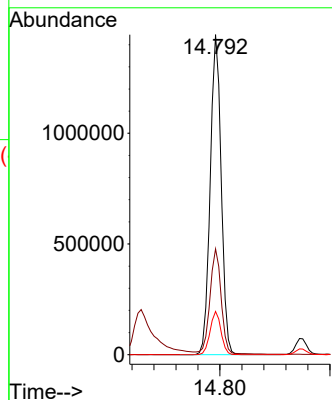
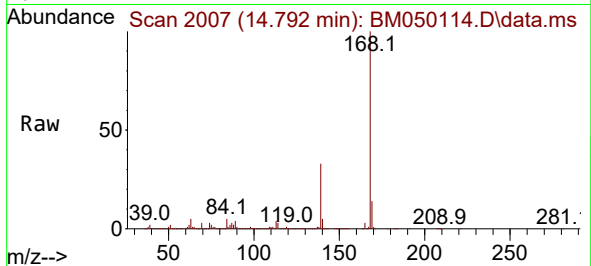




#55
Dibenzenofuran
Concen: 40.060 ng
RT: 14.792 min Scan# 2010
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

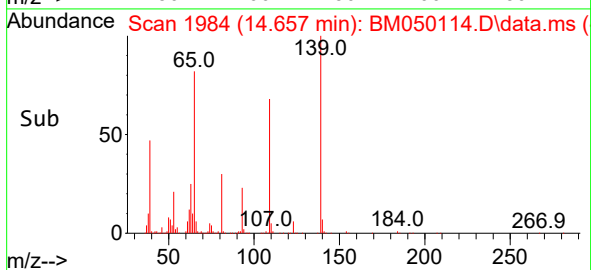
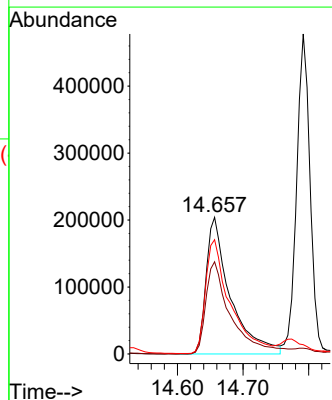
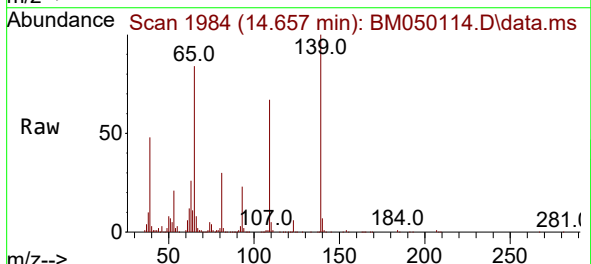
Instrument :
BNA_M
ClientSampleId :
PB167857BS

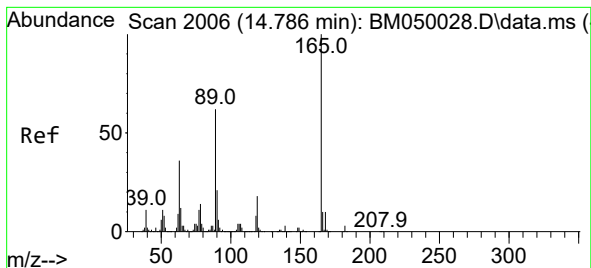
Tgt Ion:168 Resp: 2002230
Ion Ratio Lower Upper
168 100
139 33.1 26.1 39.1
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 79.602 ng
RT: 14.657 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:139 Resp: 522878
Ion Ratio Lower Upper
139 100
109 67.5 47.0 87.0
65 83.6 64.3 104.3

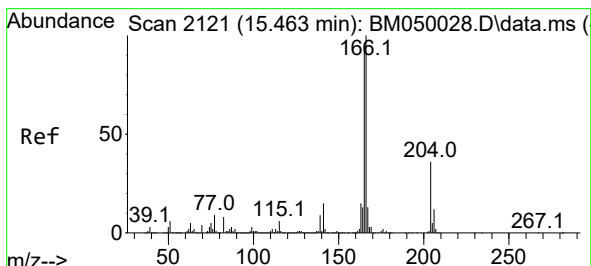
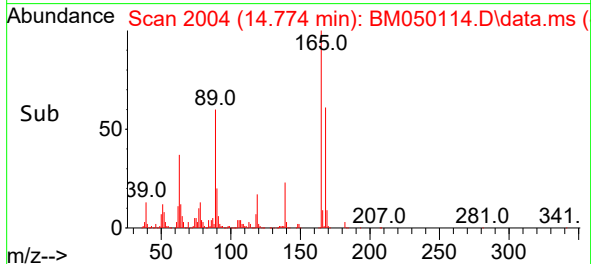
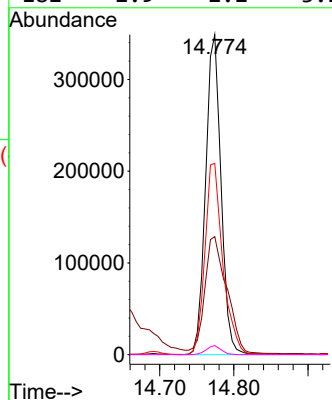
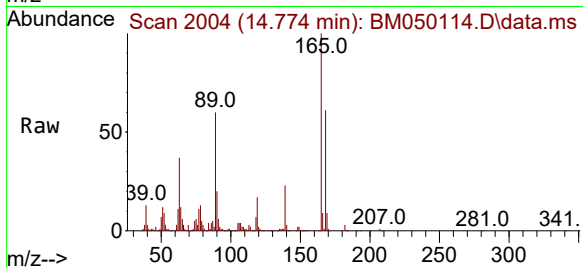




#57
2,4-Dinitrotoluene
Concen: 43.129 ng
RT: 14.774 min Scan# 2004
Delta R.T. -0.012 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

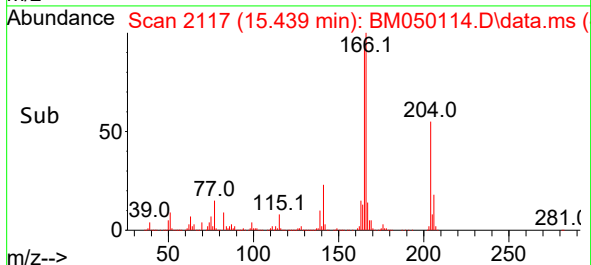
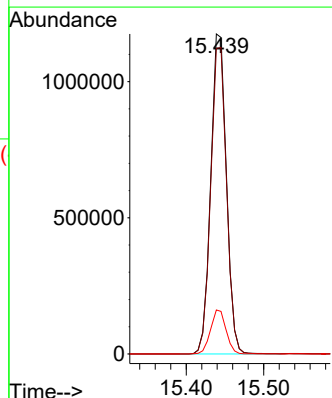
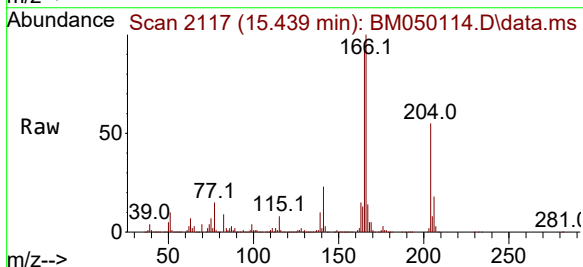
Instrument :
BNA_M
ClientSampleId :
PB167857BS

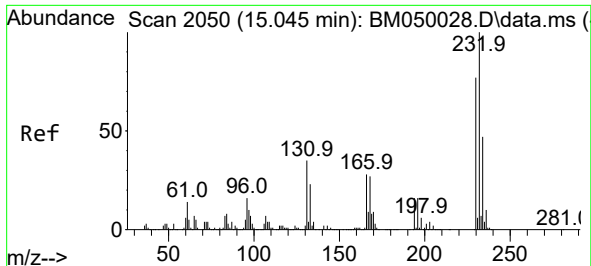
Tgt Ion:165 Resp: 504155
Ion Ratio Lower Upper
165 100
63 36.9 29.0 43.6
89 59.8 49.4 74.2
182 2.9 2.2 3.2



#58
Fluorene
Concen: 40.334 ng
RT: 15.439 min Scan# 2117
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:166 Resp: 1650055
Ion Ratio Lower Upper
166 100
165 95.5 76.6 115.0
167 13.8 10.6 16.0

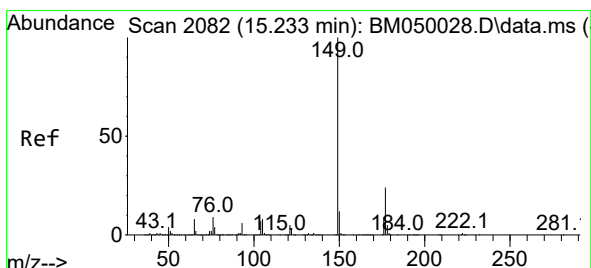
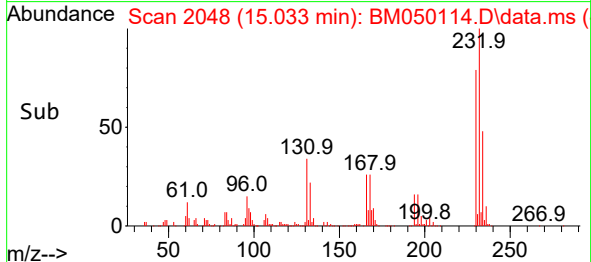
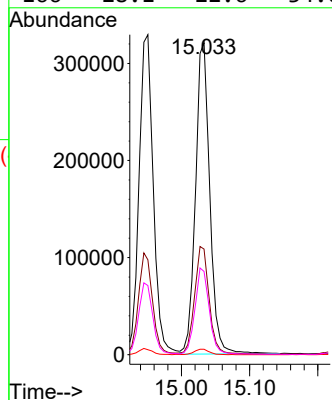
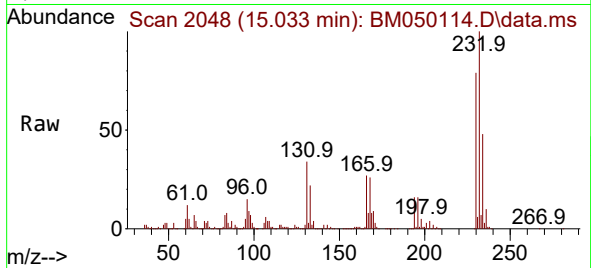




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.700 ng
RT: 15.033 min Scan# 2050
Delta R.T. -0.012 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

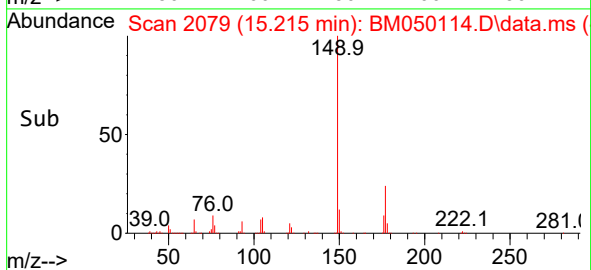
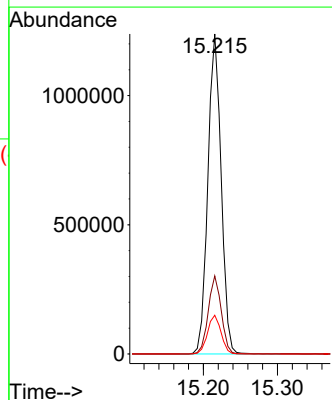
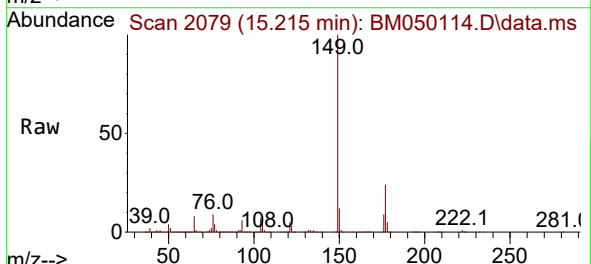
Instrument :
BNA_M
ClientSampleId :
PB167857BS

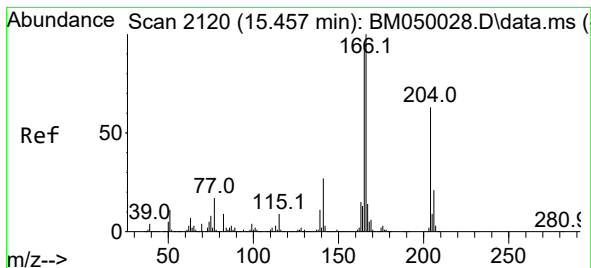
Tgt Ion:232 Resp: 466353
Ion Ratio Lower Upper
232 100
131 35.5 28.2 42.4
130 1.9 1.5 2.3
166 28.1 22.6 34.0



#60
Diethylphthalate
Concen: 40.017 ng
RT: 15.215 min Scan# 2079
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:149 Resp: 1540645
Ion Ratio Lower Upper
149 100
177 24.4 19.1 28.7
150 12.1 9.6 14.4

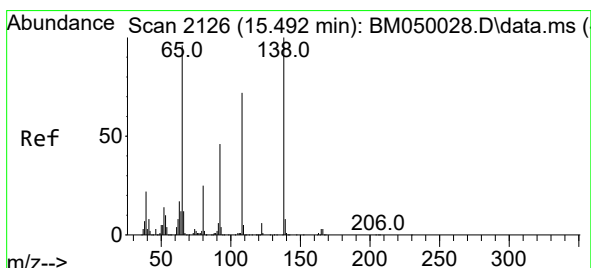
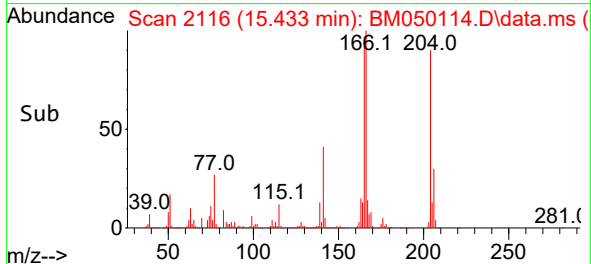
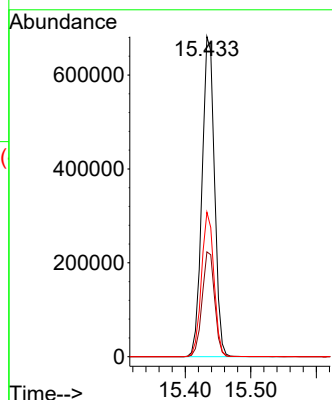
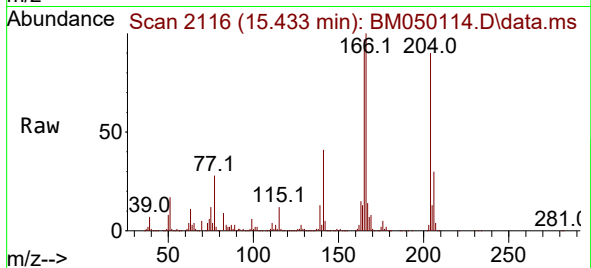




#61
4-Chlorophenyl-phenylether
Concen: 40.261 ng
RT: 15.433 min Scan# 2116
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

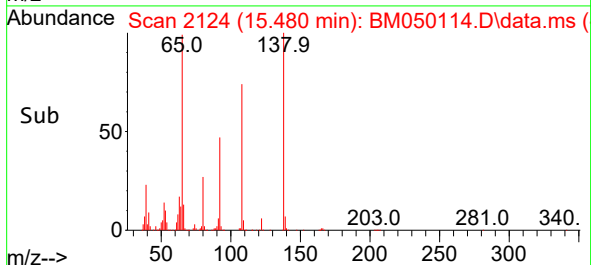
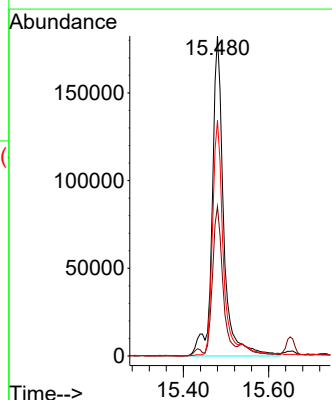
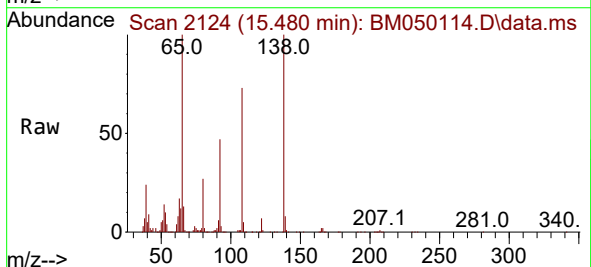
Instrument :
BNA_M
ClientSampleId :
PB167857BS

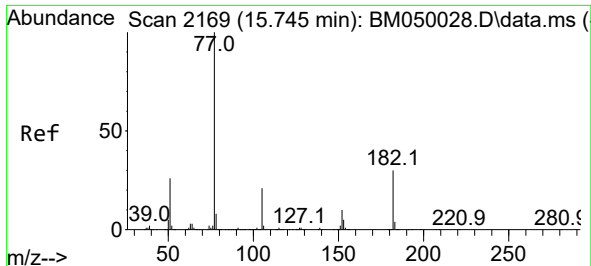
Tgt Ion:204 Resp: 904684
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 45.1 34.0 51.0



#62
4-Nitroaniline
Concen: 43.814 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:138 Resp: 341411
Ion Ratio Lower Upper
138 100
92 46.7 25.9 65.9
108 73.6 52.4 92.4

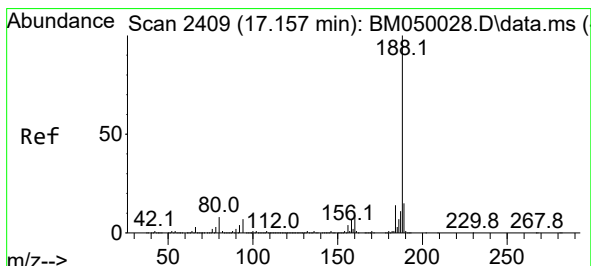
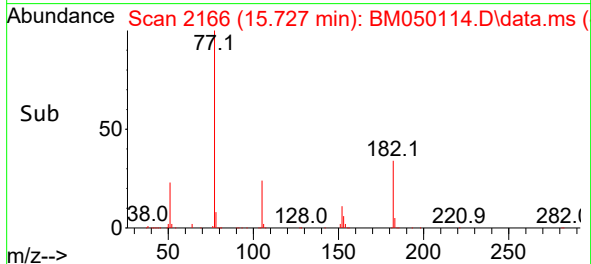
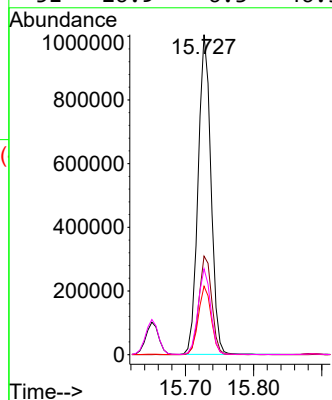
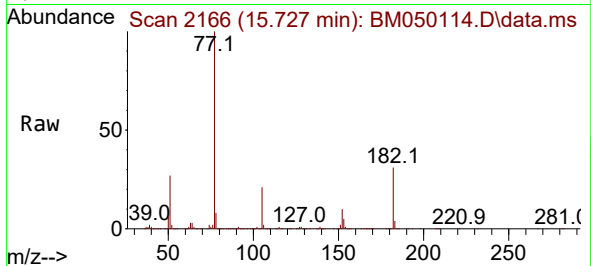




#63
Azobenzene
Concen: 40.653 ng
RT: 15.727 min Scan# 2166
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

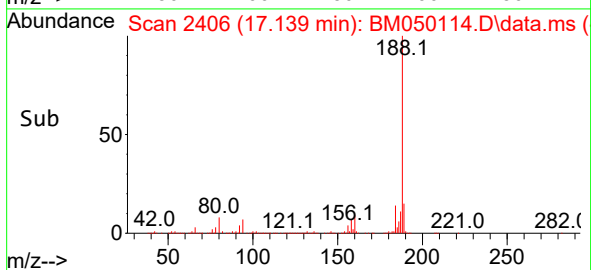
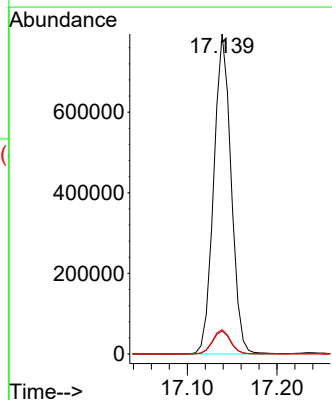
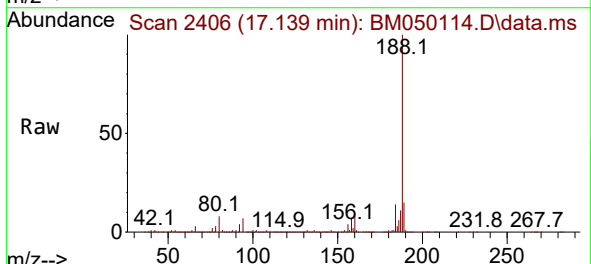
Instrument :
BNA_M
ClientSampleId :
PB167857BS

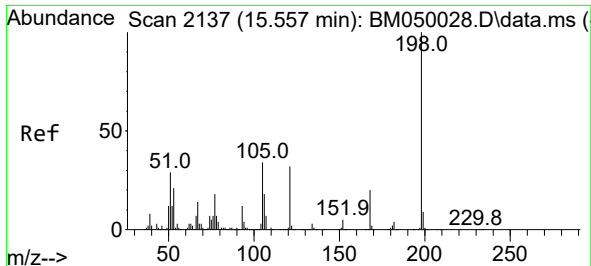
Tgt Ion: 77 Resp: 1311714
Ion Ratio Lower Upper
77 100
182 30.8 10.5 50.5
105 21.4 1.1 41.1
51 26.9 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion: 188 Resp: 1068022
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 7.6 6.2 9.4

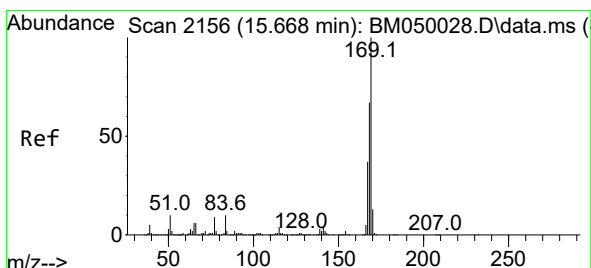
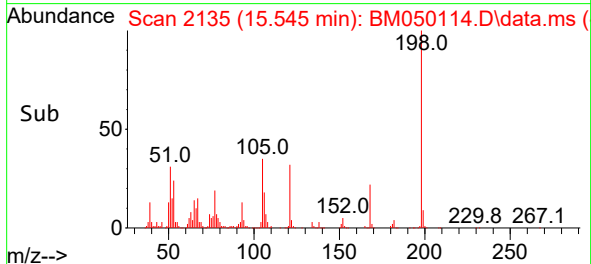
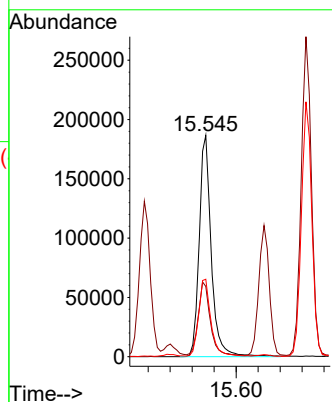
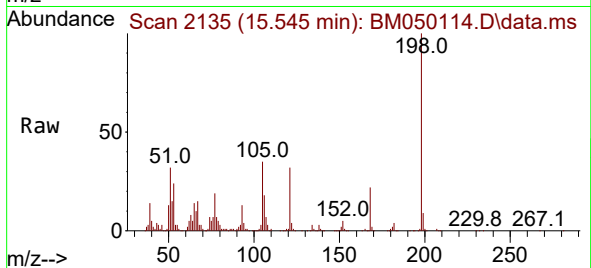




#65
4,6-Dinitro-2-methylphenol
Concen: 42.559 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

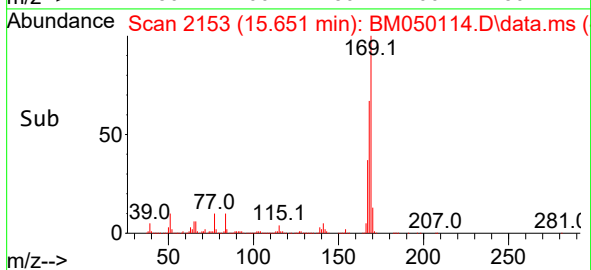
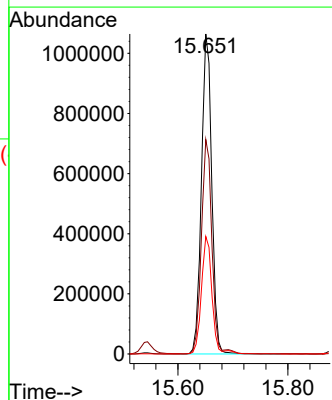
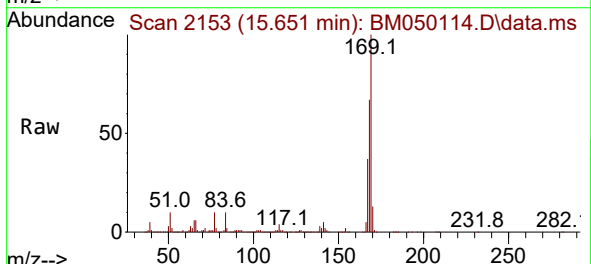
Instrument :
BNA_M
ClientSampleId :
PB167857BS

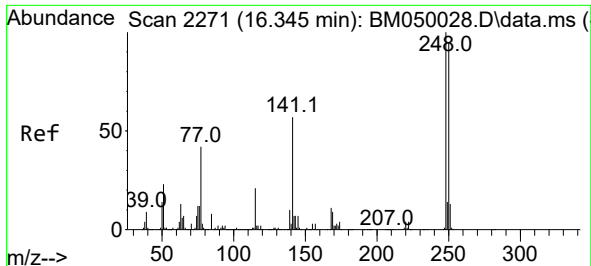
Tgt Ion:198 Resp: 284522
Ion Ratio Lower Upper
198 100
51 31.8 10.4 50.4
105 35.0 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 42.380 ng
RT: 15.651 min Scan# 2153
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:169 Resp: 1389906
Ion Ratio Lower Upper
169 100
168 67.0 53.4 80.2
167 36.7 29.4 44.0

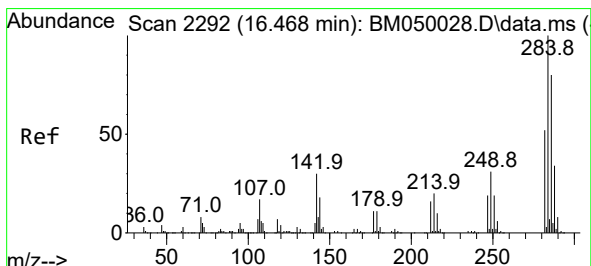
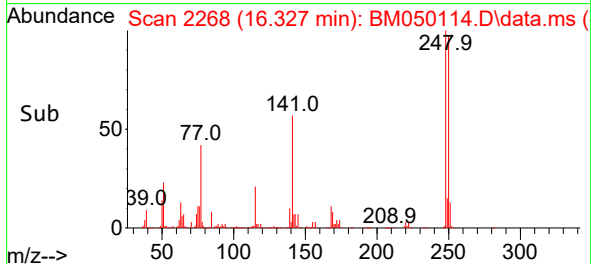
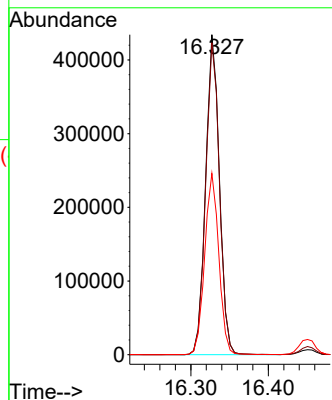
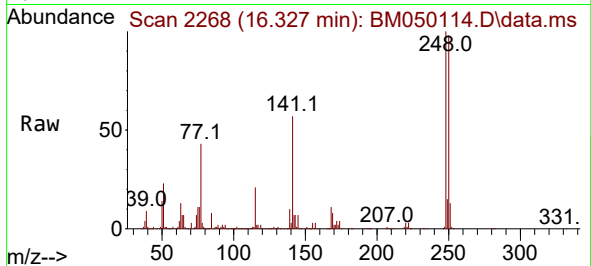




#67
4-Bromophenyl-phenylether
Concen: 41.533 ng
RT: 16.327 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

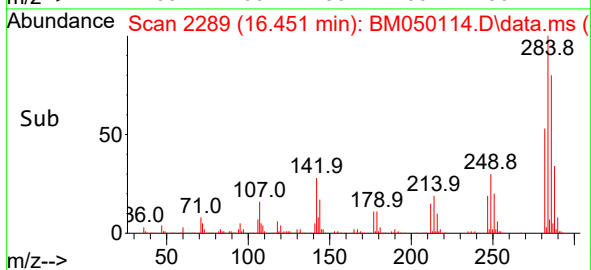
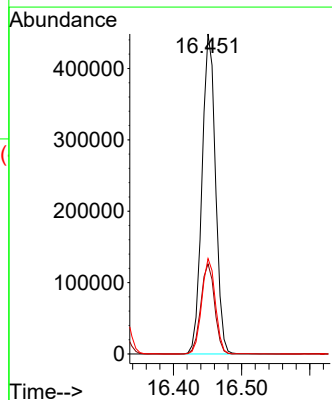
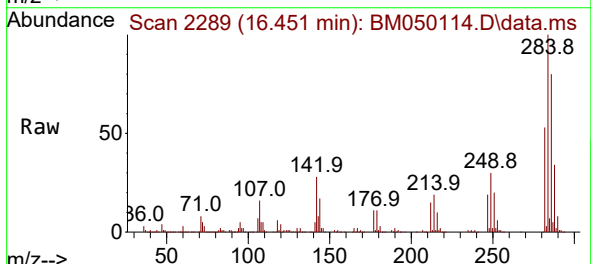
Instrument :
BNA_M
ClientSampleId :
PB167857BS

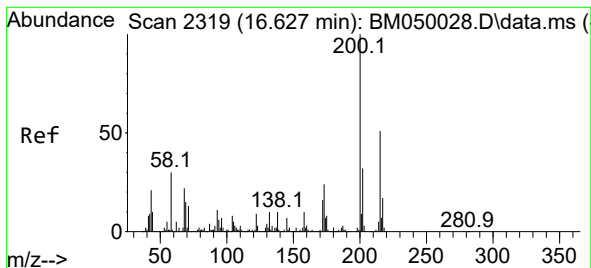
Tgt Ion:248 Resp: 536414
Ion Ratio Lower Upper
248 100
250 97.5 76.2 114.2
141 56.7 45.9 68.9



#68
Hexachlorobenzene
Concen: 41.477 ng
RT: 16.451 min Scan# 2289
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:284 Resp: 617494
Ion Ratio Lower Upper
284 100
142 28.1 23.9 35.9
249 29.8 24.5 36.7





#69

Atrazine

Concen: 42.052 ng

RT: 16.609 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM050114.D

Acq: 06 May 2025 11:21

Instrument :

BNA_M

ClientSampleId :

PB167857BS

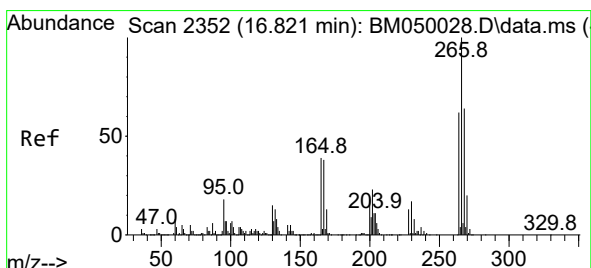
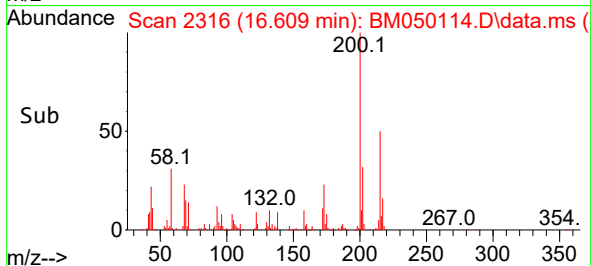
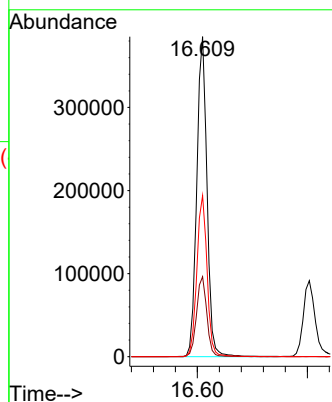
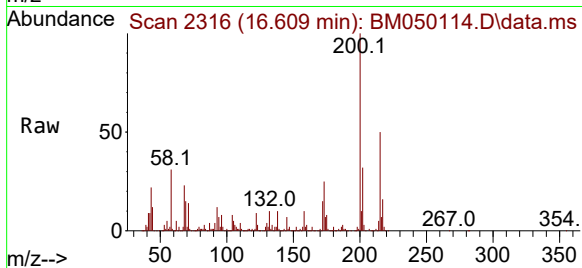
Tgt Ion:200 Resp: 497468

Ion Ratio Lower Upper

200 100

173 25.0 4.3 44.3

215 50.4 30.6 70.6



#70

Pentachlorophenol

Concen: 93.075 ng

RT: 16.804 min Scan# 2349

Delta R.T. -0.017 min

Lab File: BM050114.D

Acq: 06 May 2025 11:21

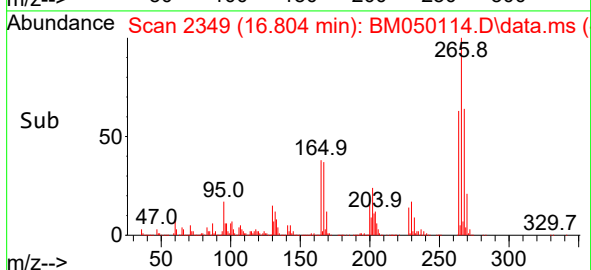
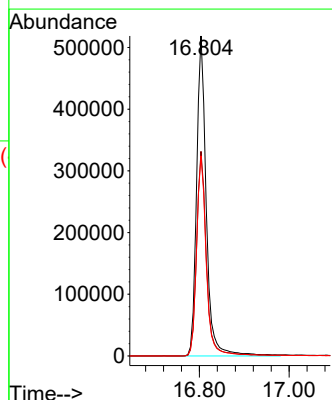
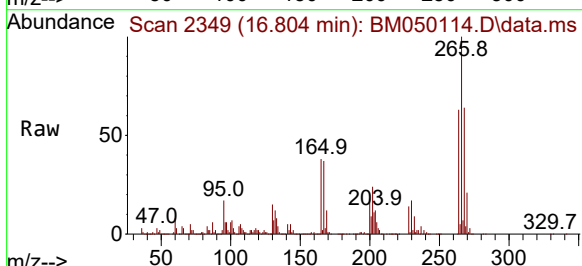
Tgt Ion:266 Resp: 779975

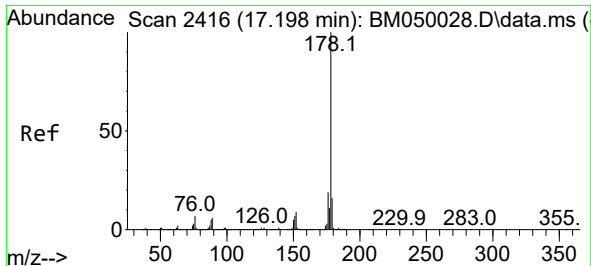
Ion Ratio Lower Upper

266 100

268 63.9 51.2 76.8

264 62.6 49.6 74.4

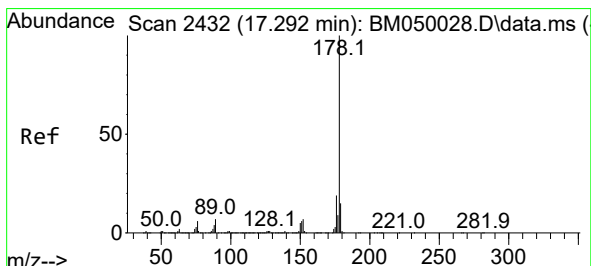
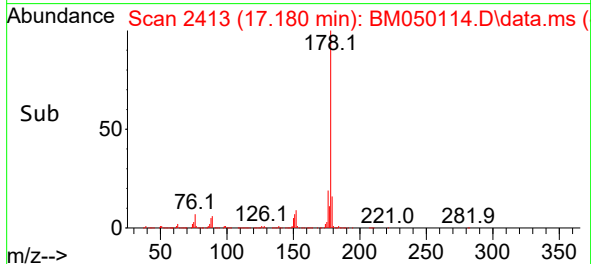
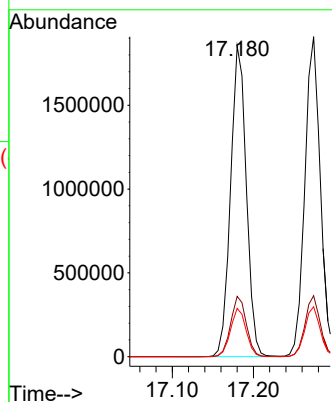
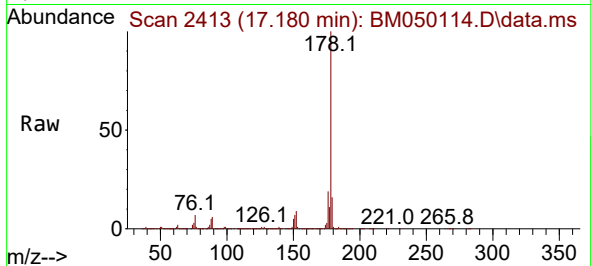




#71
Phenanthrene
Concen: 41.533 ng
RT: 17.180 min Scan# 2416
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

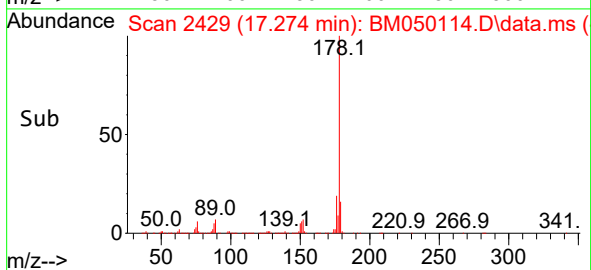
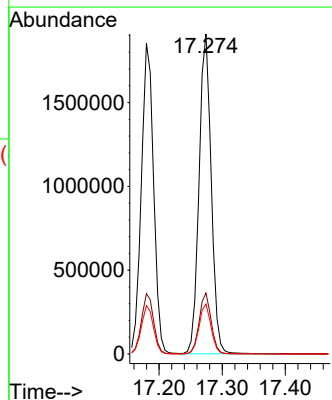
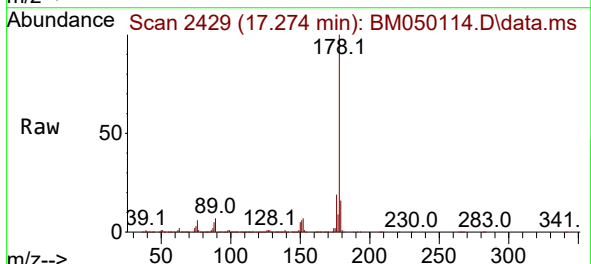
Instrument :
BNA_M
ClientSampleId :
PB167857BS

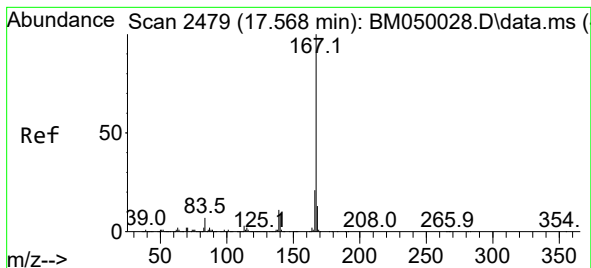
Tgt Ion:178 Resp: 2501885
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.6 12.4 18.6



#72
Anthracene
Concen: 41.849 ng
RT: 17.274 min Scan# 2429
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:178 Resp: 2551141
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.4
179 15.6 12.2 18.4





#73

Carbazole

Concen: 42.641 ng

RT: 17.551 min Scan# 24

Delta R.T. -0.018 min

Lab File: BM050114.D

Acq: 06 May 2025 11:21

Instrument :

BNA_M

ClientSampleId :

PB167857BS

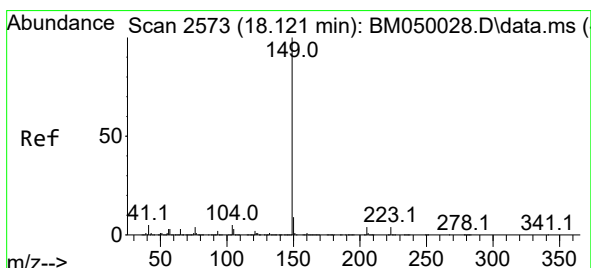
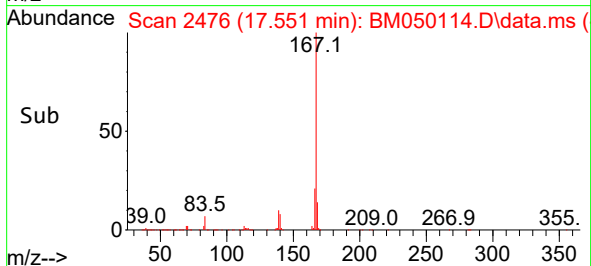
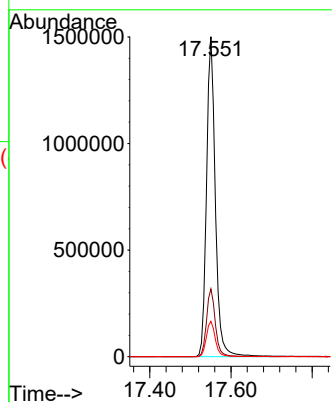
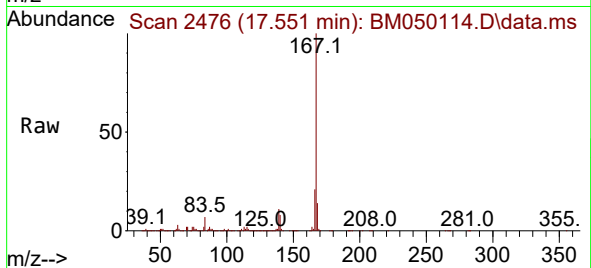
Tgt Ion:167 Resp: 2255638

Ion Ratio Lower Upper

167 100

166 21.2 17.2 25.8

139 11.0 9.0 13.6



#74

Di-n-butylphthalate

Concen: 41.553 ng

RT: 18.103 min Scan# 2570

Delta R.T. -0.018 min

Lab File: BM050114.D

Acq: 06 May 2025 11:21

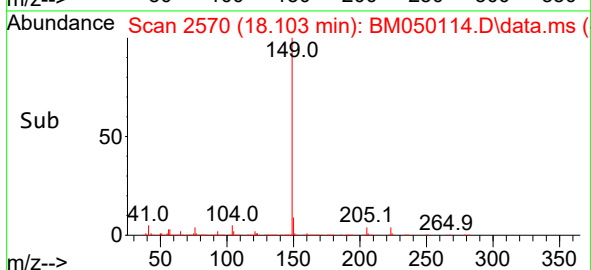
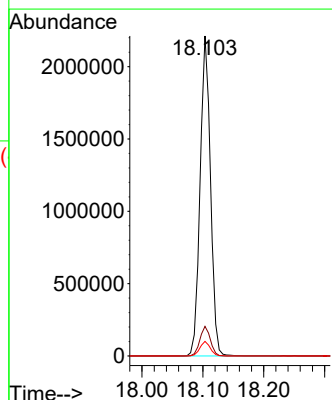
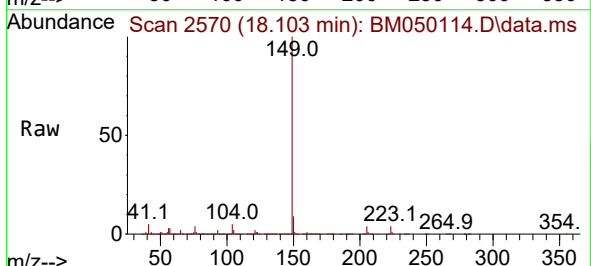
Tgt Ion:149 Resp: 2617615

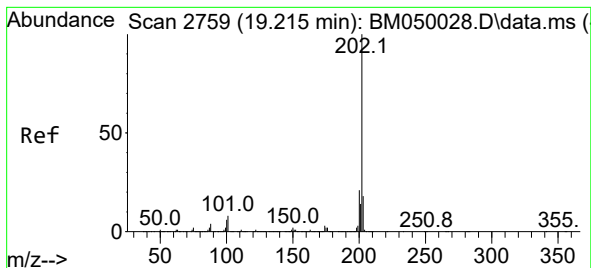
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 4.6 3.8 5.6





#75

Fluoranthene

Concen: 42.287 ng

RT: 19.203 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050114.D

Acq: 06 May 2025 11:21

Instrument :

BNA_M

ClientSampleId :

PB167857BS

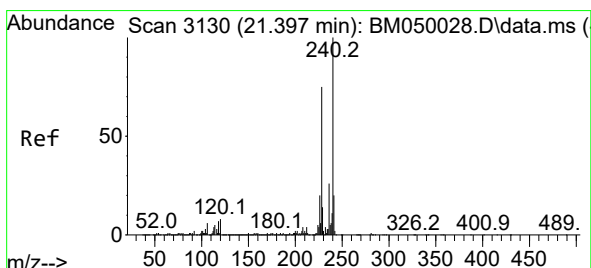
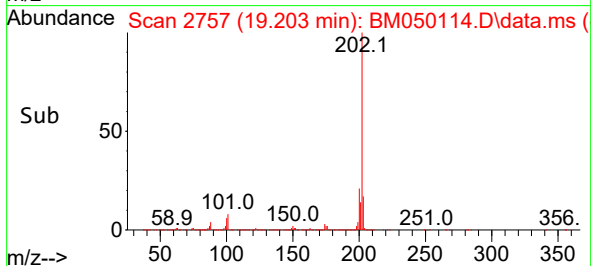
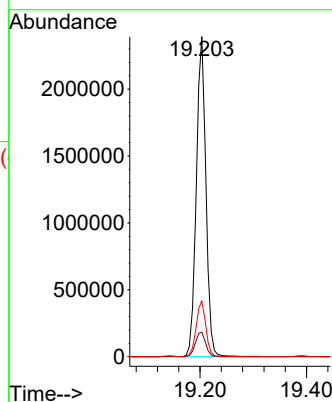
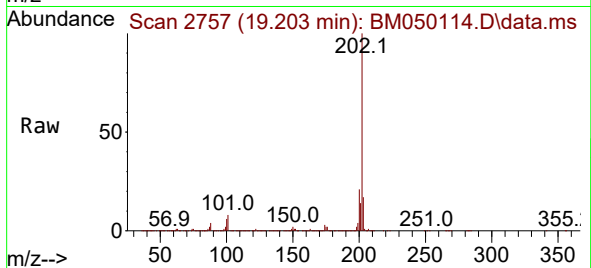
Tgt Ion:202 Resp: 2990675

Ion Ratio Lower Upper

202 100

101 7.7 0.0 28.0

203 17.4 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3128

Delta R.T. -0.011 min

Lab File: BM050114.D

Acq: 06 May 2025 11:21

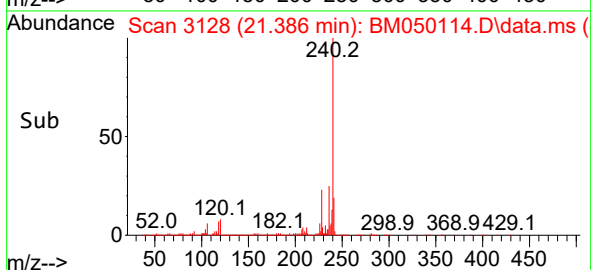
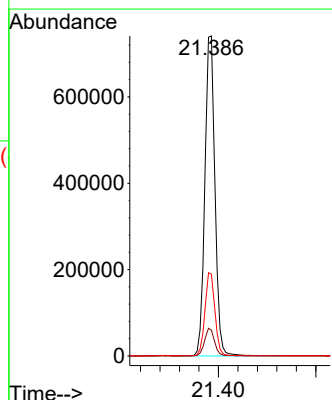
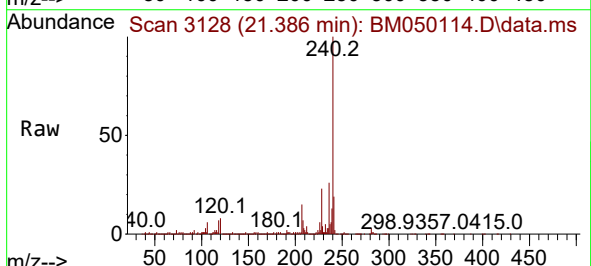
Tgt Ion:240 Resp: 1067615

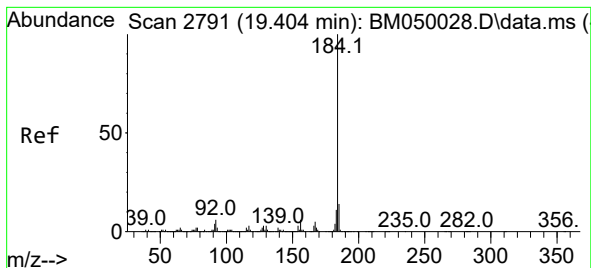
Ion Ratio Lower Upper

240 100

120 8.1 6.5 9.7

236 25.5 20.9 31.3





#77

Benzidine

Concen: 48.606 ng

RT: 19.392 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050114.D

Acq: 06 May 2025 11:21

Instrument :

BNA_M

ClientSampleId :

PB167857BS

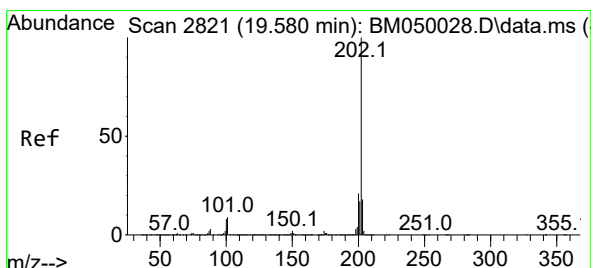
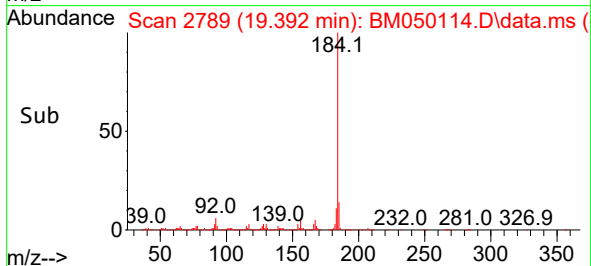
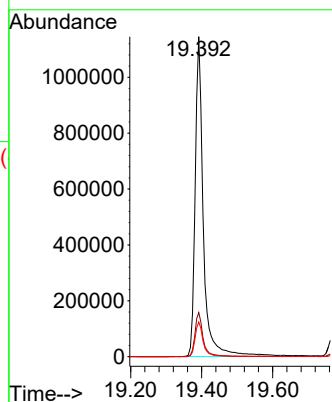
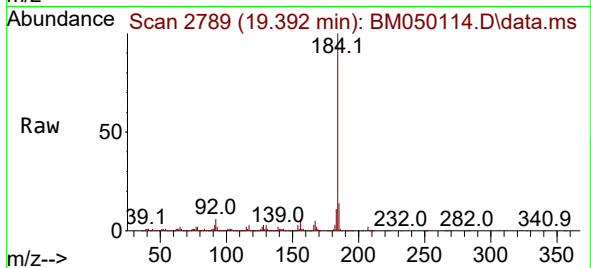
Tgt Ion:184 Resp: 1843260

Ion Ratio Lower Upper

184 100

185 13.8 11.5 17.3

183 10.8 8.9 13.3



#78

Pyrene

Concen: 41.180 ng

RT: 19.568 min Scan# 2819

Delta R.T. -0.012 min

Lab File: BM050114.D

Acq: 06 May 2025 11:21

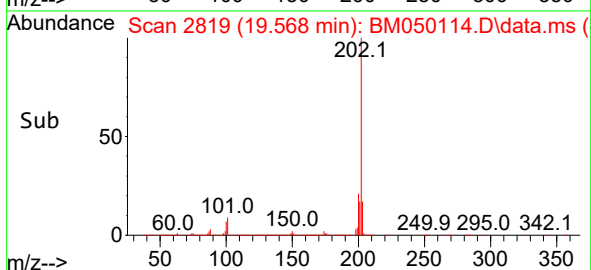
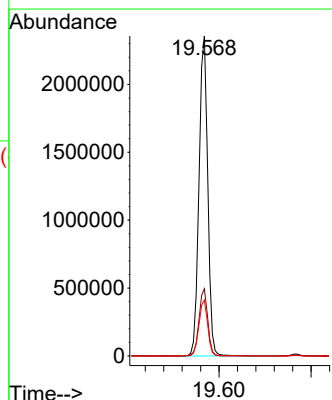
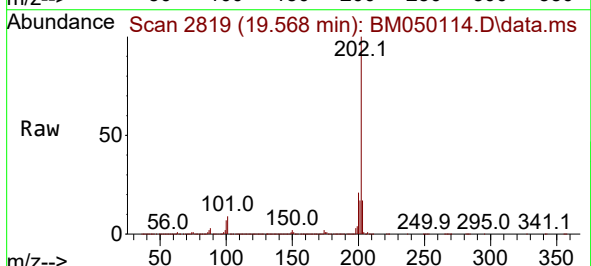
Tgt Ion:202 Resp: 3087294

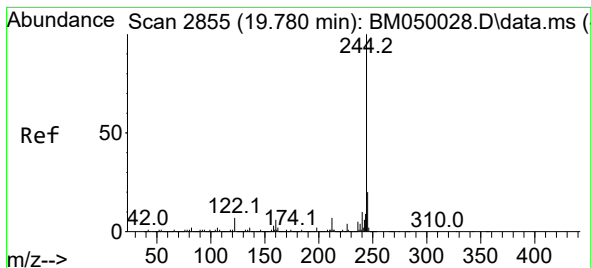
Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 76.361 ng

RT: 19.768 min Scan# 2

Delta R.T. -0.012 min

Lab File: BM050114.D

Acq: 06 May 2025 11:21

Instrument :

BNA_M

ClientSampleId :

PB167857BS

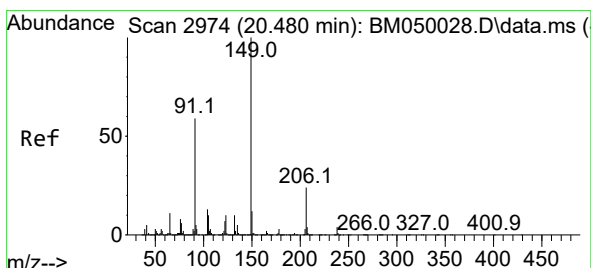
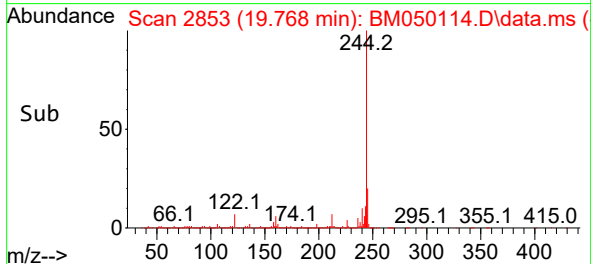
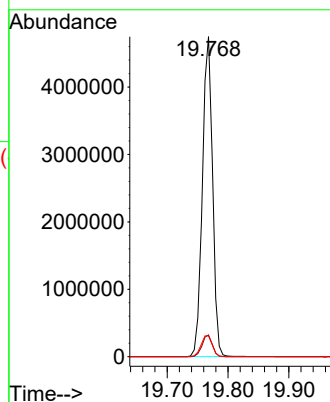
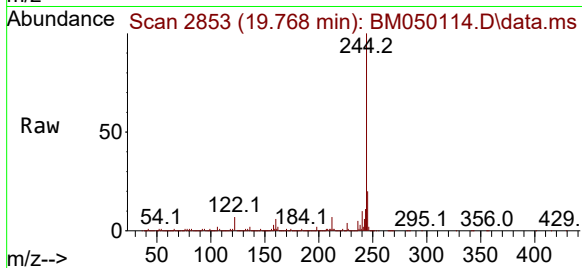
Tgt Ion:244 Resp: 5509327

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 6.5 5.6 8.4



#80

Butylbenzylphthalate

Concen: 41.552 ng

RT: 20.462 min Scan# 2971

Delta R.T. -0.018 min

Lab File: BM050114.D

Acq: 06 May 2025 11:21

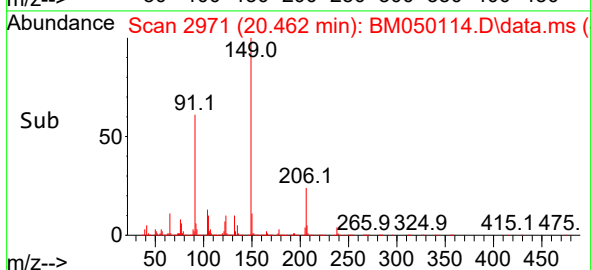
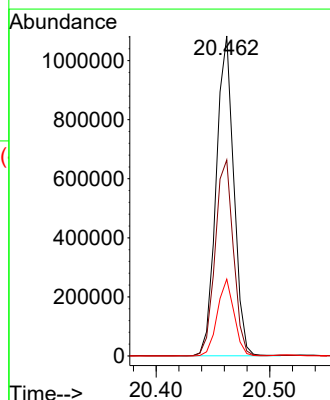
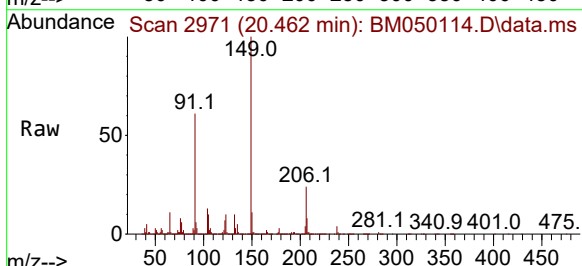
Tgt Ion:149 Resp: 1166761

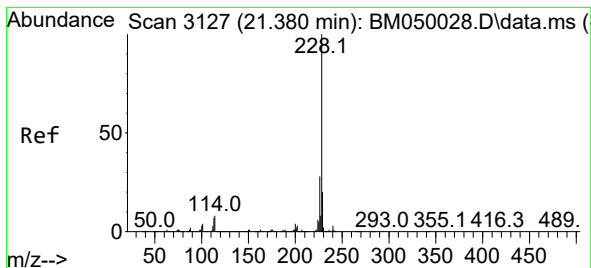
Ion Ratio Lower Upper

149 100

91 61.2 47.4 71.2

206 24.0 19.4 29.0





#81

Benzo(a)anthracene

Concen: 42.124 ng

RT: 21.362 min Scan# 3112

Delta R.T. -0.018 min

Lab File: BM050114.D

Acq: 06 May 2025 11:21

Instrument :

BNA_M

ClientSampleId :

PB167857BS

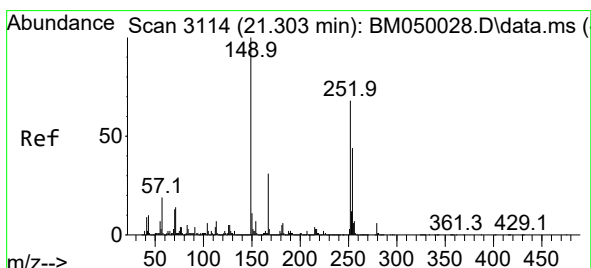
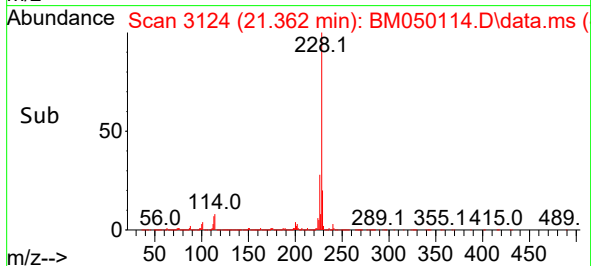
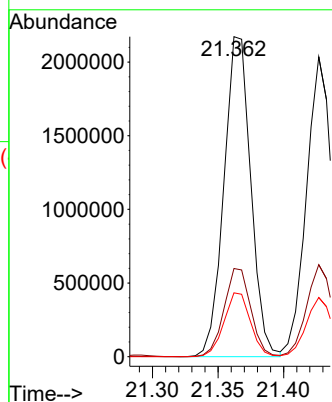
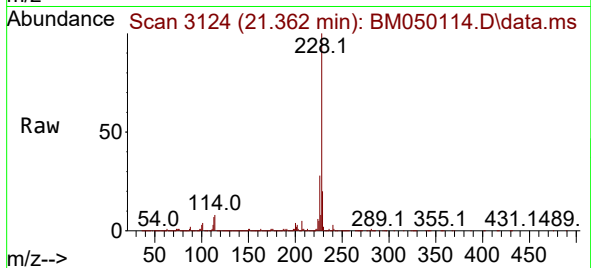
Tgt Ion:228 Resp: 3096912

Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

229 20.0 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 33.400 ng

RT: 21.291 min Scan# 3112

Delta R.T. -0.012 min

Lab File: BM050114.D

Acq: 06 May 2025 11:21

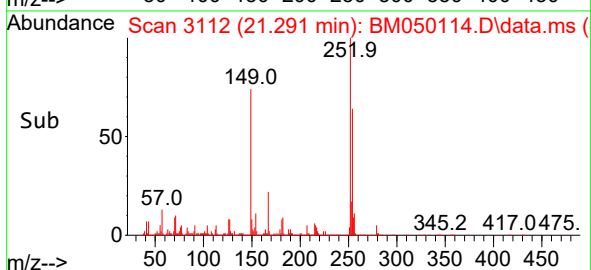
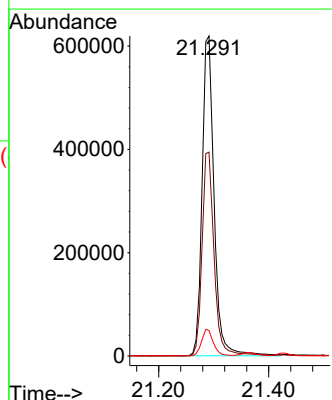
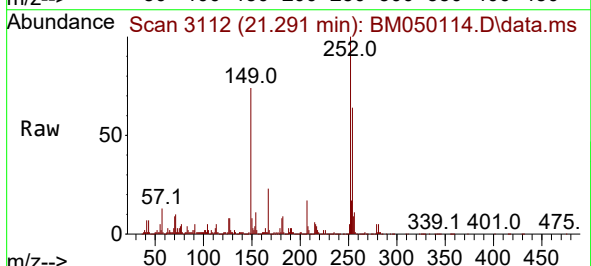
Tgt Ion:252 Resp: 939990

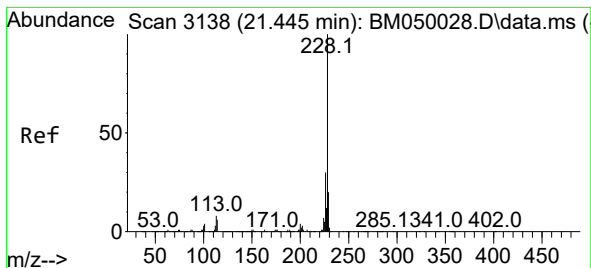
Ion Ratio Lower Upper

252 100

254 63.7 51.8 77.6

126 8.0 6.0 9.0





#83

Chrysene

Concen: 41.500 ng

RT: 21.427 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM050114.D

Acq: 06 May 2025 11:21

Instrument :

BNA_M

ClientSampleId :

PB167857BS

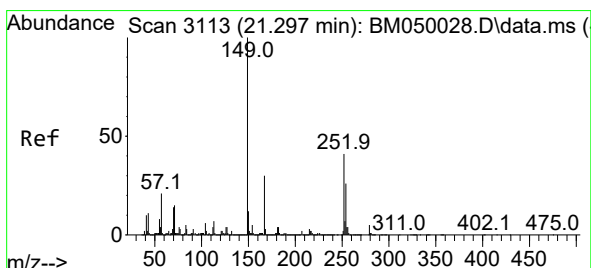
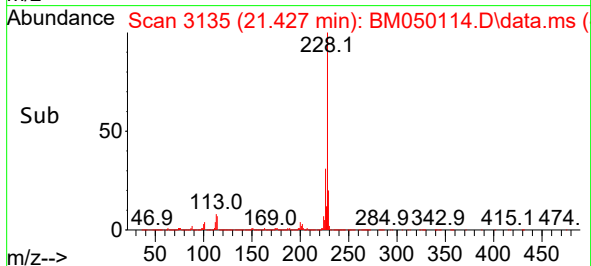
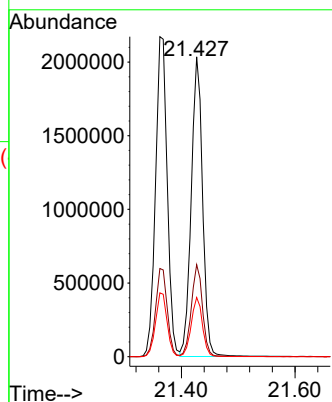
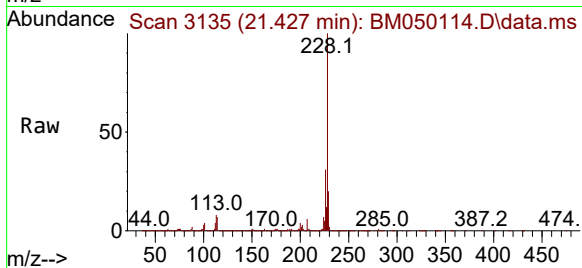
Tgt Ion:228 Resp: 2823801

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.2

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.006 ng

RT: 21.280 min Scan# 3110

Delta R.T. -0.018 min

Lab File: BM050114.D

Acq: 06 May 2025 11:21

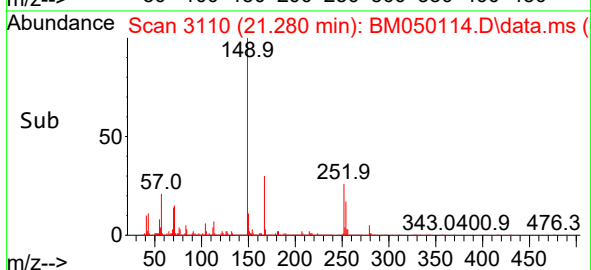
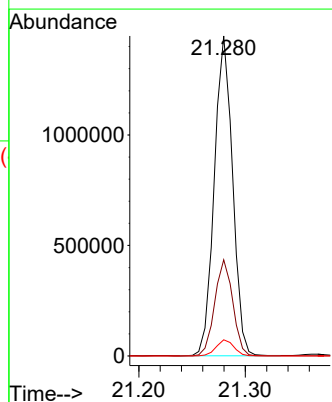
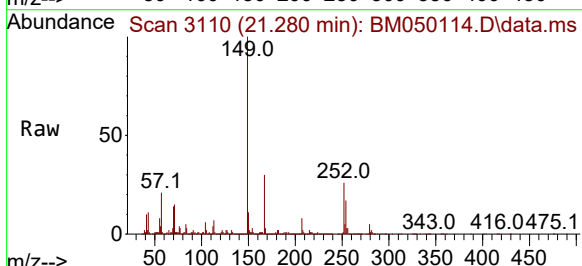
Tgt Ion:149 Resp: 1719849

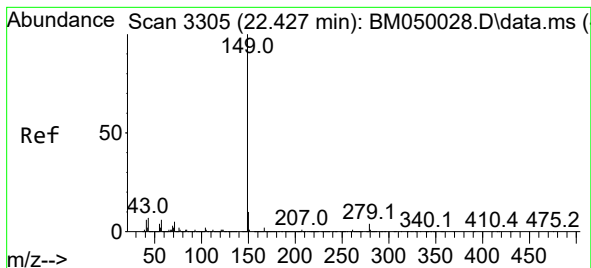
Ion Ratio Lower Upper

149 100

167 30.0 24.1 36.1

279 5.1 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 42.000 ng

RT: 22.403 min Scan# 31

Delta R.T. -0.024 min

Lab File: BM050114.D

Acq: 06 May 2025 11:21

Instrument :

BNA_M

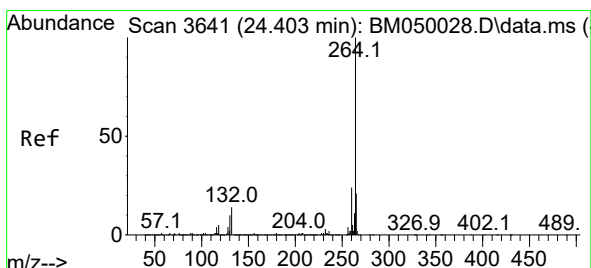
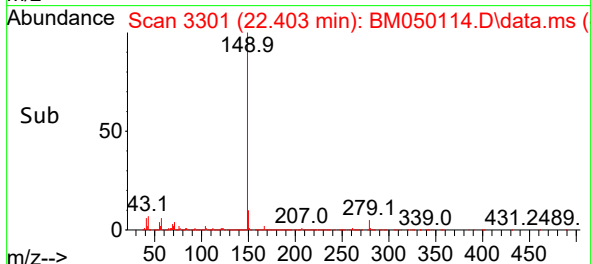
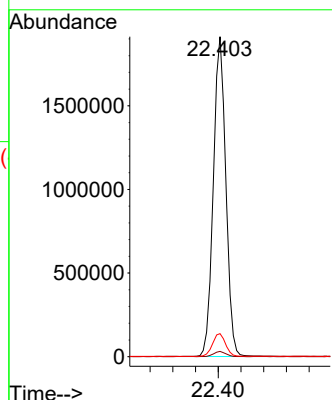
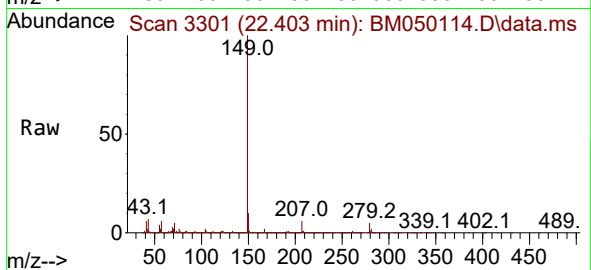
ClientSampleId :

PB167857BS

Tgt Ion:149 Resp: 2905066

Ion Ratio Lower Upper

149	100		
167	1.6	1.3	1.9
43	7.5	5.8	8.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.374 min Scan# 3636

Delta R.T. -0.030 min

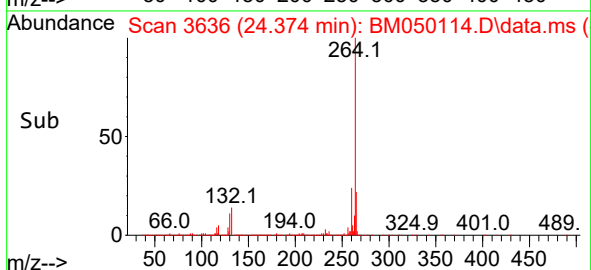
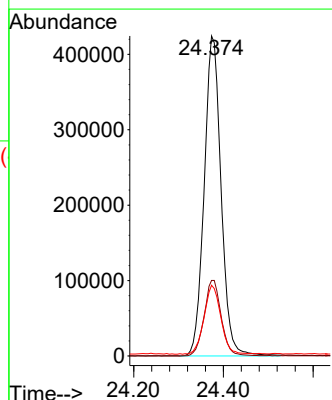
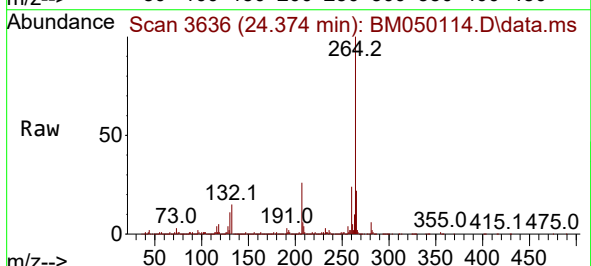
Lab File: BM050114.D

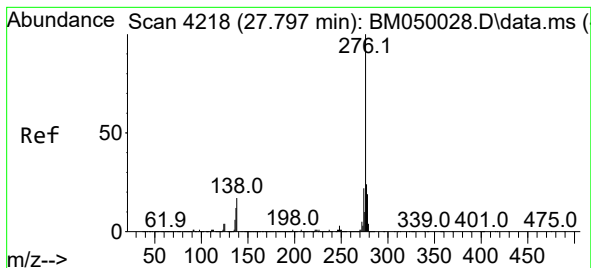
Acq: 06 May 2025 11:21

Tgt Ion:264 Resp: 1110219

Ion Ratio Lower Upper

264	100		
260	23.6	18.8	28.2
265	22.1	17.0	25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.382 ng

RT: 27.762 min Scan# 41

Delta R.T. -0.035 min

Lab File: BM050114.D

Acq: 06 May 2025 11:21

Instrument :

BNA_M

ClientSampleId :

PB167857BS

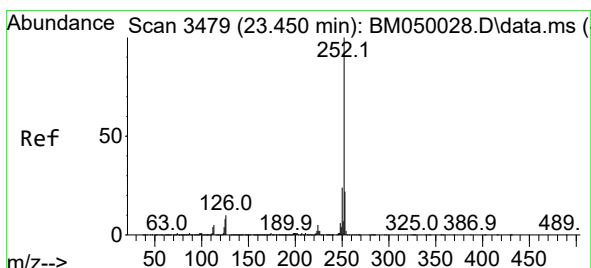
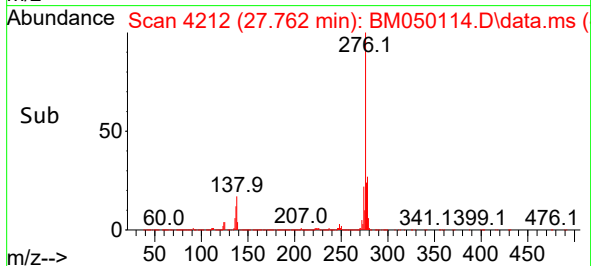
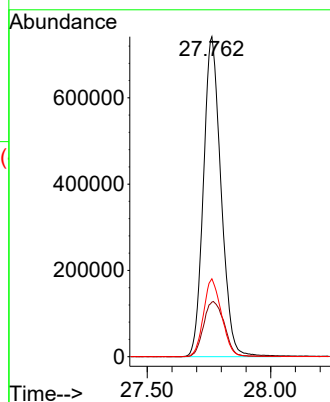
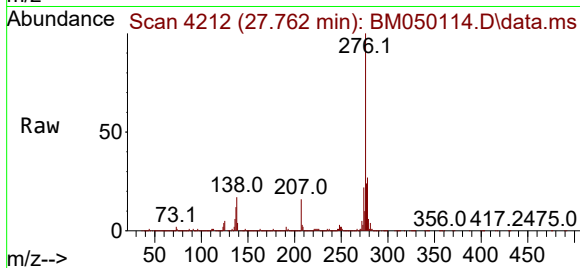
Tgt Ion:276 Resp: 3671518

Ion Ratio Lower Upper

276 100

138 20.2 16.4 24.6

277 24.9 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 41.944 ng

RT: 23.427 min Scan# 3475

Delta R.T. -0.024 min

Lab File: BM050114.D

Acq: 06 May 2025 11:21

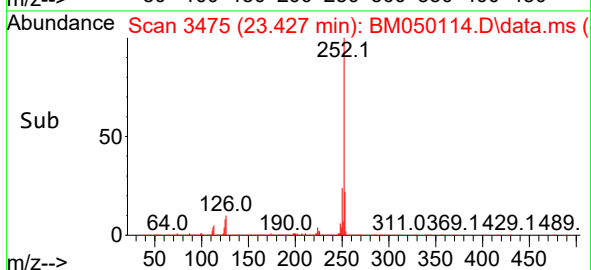
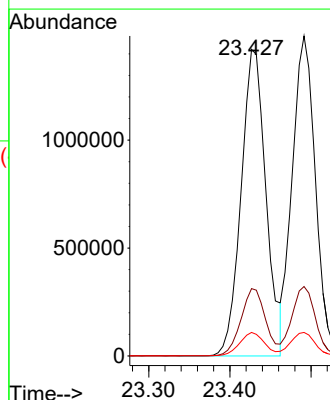
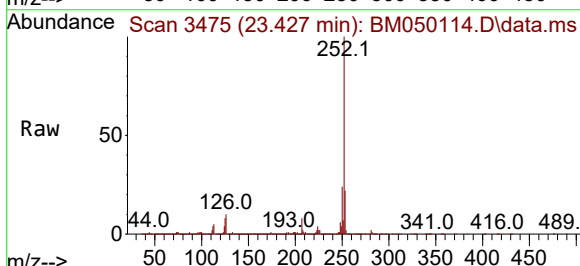
Tgt Ion:252 Resp: 3028371

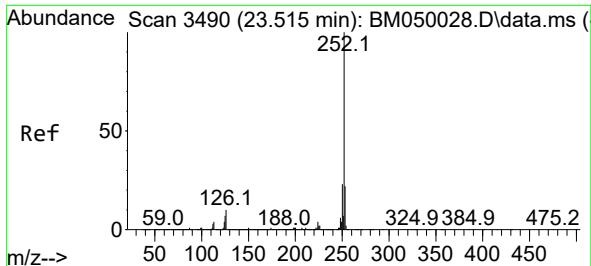
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 7.7 6.1 9.1

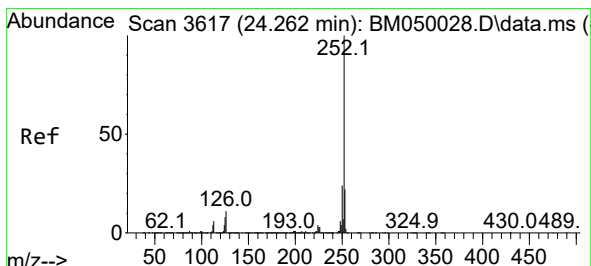
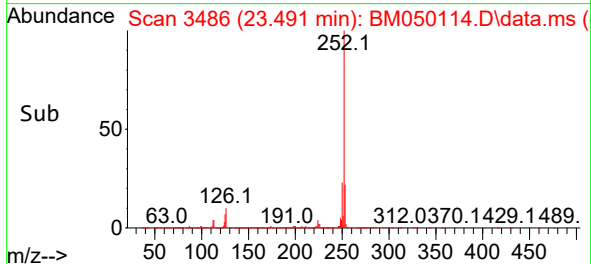
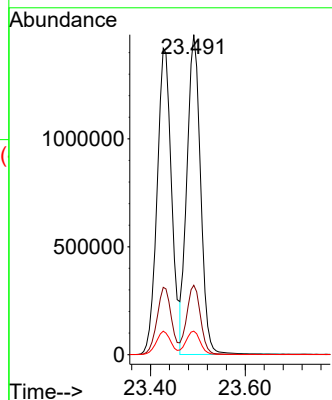
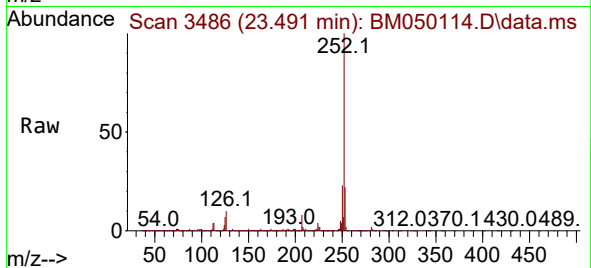




#89
Benzo(k)fluoranthene
Concen: 40.383 ng
RT: 23.491 min Scan# 34
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

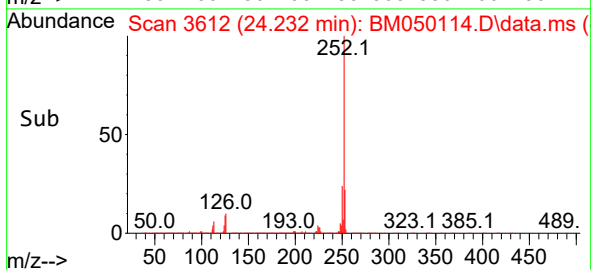
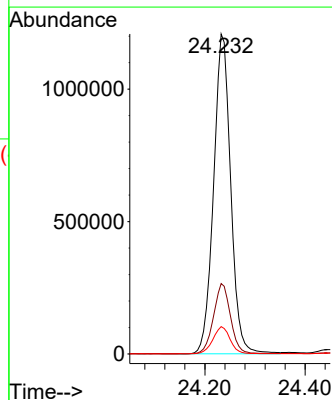
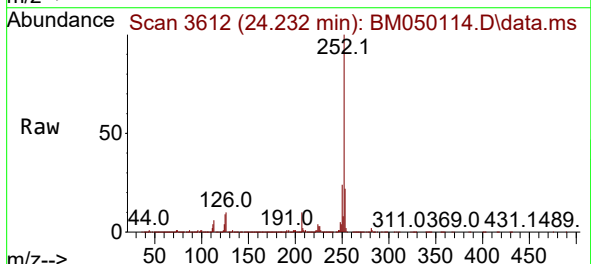
Instrument :
BNA_M
ClientSampleId :
PB167857BS

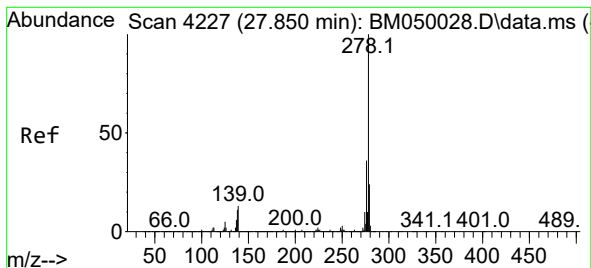
Tgt Ion:252 Resp: 2949343
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 7.4 5.8 8.8



#90
Benzo(a)pyrene
Concen: 42.243 ng
RT: 24.232 min Scan# 3612
Delta R.T. -0.030 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:252 Resp: 2856618
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 8.6 6.6 9.8





#91

Dibenzo(a,h)anthracene

Concen: 44.383 ng

RT: 27.803 min Scan# 41

Delta R.T. -0.047 min

Lab File: BM050114.D

Acq: 06 May 2025 11:21

Instrument :

BNA_M

ClientSampleId :

PB167857BS

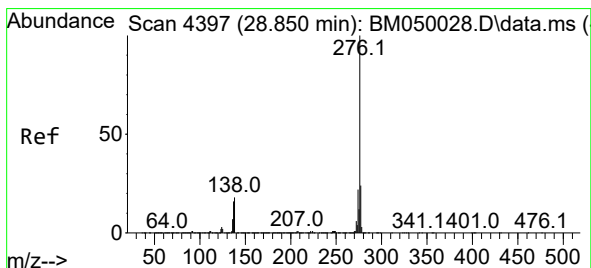
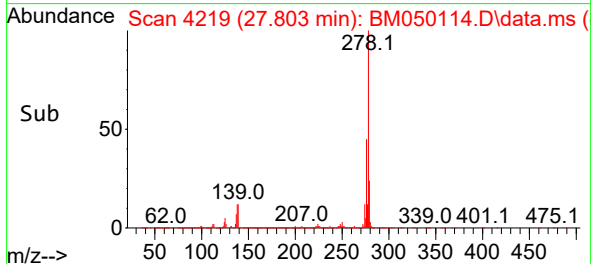
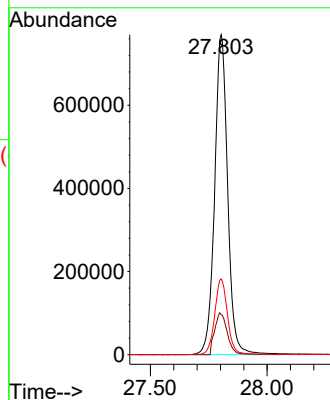
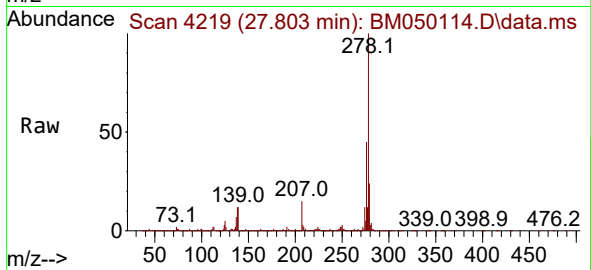
Tgt Ion:278 Resp: 2992922

Ion Ratio Lower Upper

278 100

139 12.5 10.5 15.7

279 23.7 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 44.117 ng

RT: 28.820 min Scan# 4392

Delta R.T. -0.030 min

Lab File: BM050114.D

Acq: 06 May 2025 11:21

Tgt Ion:276 Resp: 2848159

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 17.9 14.3 21.5

