

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
 Data File : BM050142.D
 Acq On : 08 May 2025 12:00
 Operator : RC/JU
 Sample : PB167889BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167889BS

Quant Time: May 08 12:42:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 08 12:03:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	270040	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	938494	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	568093	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	1021174	20.000	ng	0.00
76) Chrysene-d12	21.380	240	945959	20.000	ng	0.00
86) Perylene-d12	24.380	264	977986	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1956963	126.899	ng	0.00
7) Phenol-d6	6.934	99	2378415	122.708	ng	0.00
23) Nitrobenzene-d5	8.904	82	1408955	73.978	ng	0.00
42) 2,4,6-Tribromophenol	15.886	330	1043589	124.237	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	3653835	76.087	ng	0.00
79) Terphenyl-d14	19.768	244	5064085	79.216	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.234	88	223866	33.856	ng	99
3) Pyridine	3.634	79	623284	36.688	ng	98
4) n-Nitrosodimethylamine	3.546	42	274924	41.260	ng	99
6) Aniline	7.075	93	685482	28.007	ng	99
8) 2-Chlorophenol	7.316	128	710289	42.599	ng	98
9) Benzaldehyde	6.887	77	297678	22.950	ng	98
10) Phenol	6.957	94	842425	42.933	ng	100
11) bis(2-Chloroethyl)ether	7.169	93	664180	40.537	ng	100
12) 1,3-Dichlorobenzene	7.628	146	805508	39.992	ng	99
13) 1,4-Dichlorobenzene	7.775	146	817636	40.408	ng	100
14) 1,2-Dichlorobenzene	8.093	146	785343	40.180	ng	99
15) Benzyl Alcohol	7.993	79	561188	41.749	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.269	45	815438	40.942	ng	99
17) 2-Methylphenol	8.204	107	539244	41.717	ng	99
18) Hexachloroethane	8.816	117	289103	40.192	ng	100
19) n-Nitroso-di-n-propyla...	8.551	70	492380	39.608	ng	99
20) 3+4-Methylphenols	8.534	107	724638	41.511	ng	96
22) Acetophenone	8.569	105	967776	41.478	ng	99
24) Nitrobenzene	8.945	77	696141	42.273	ng	99
25) Isophorone	9.475	82	1295435	39.903	ng	99
26) 2-Nitrophenol	9.657	139	368859	43.844	ng	99
27) 2,4-Dimethylphenol	9.728	122	598259	42.880	ng	100
28) bis(2-Chloroethoxy)met...	9.945	93	827841	41.256	ng	99
29) 2,4-Dichlorophenol	10.210	162	672716	43.040	ng	99
30) 1,2,4-Trichlorobenzene	10.398	180	783066	41.121	ng	99
31) Naphthalene	10.587	128	1944854	40.920	ng	99
32) Benzoic acid	9.910	122	373948	41.908	ng	98
33) 4-Chloroaniline	10.716	127	345539	17.737	ng	99
34) Hexachlorobutadiene	10.869	225	506147	41.872	ng	100
35) Caprolactam	11.510	113	170422	37.395	ng	97
36) 4-Chloro-3-methylphenol	11.851	107	588941	40.784	ng	97
37) 2-Methylnaphthalene	12.204	142	1272363	39.930	ng	99
38) 1-Methylnaphthalene	12.422	142	1330659	39.460	ng	99
40) 1,2,4,5-Tetrachloroben...	12.581	216	869756	44.227	ng	99
41) Hexachlorocyclopentadiene	12.551	237	1151100	95.780	ng	99
43) 2,4,6-Trichlorophenol	12.828	196	558909	44.808	ng	98

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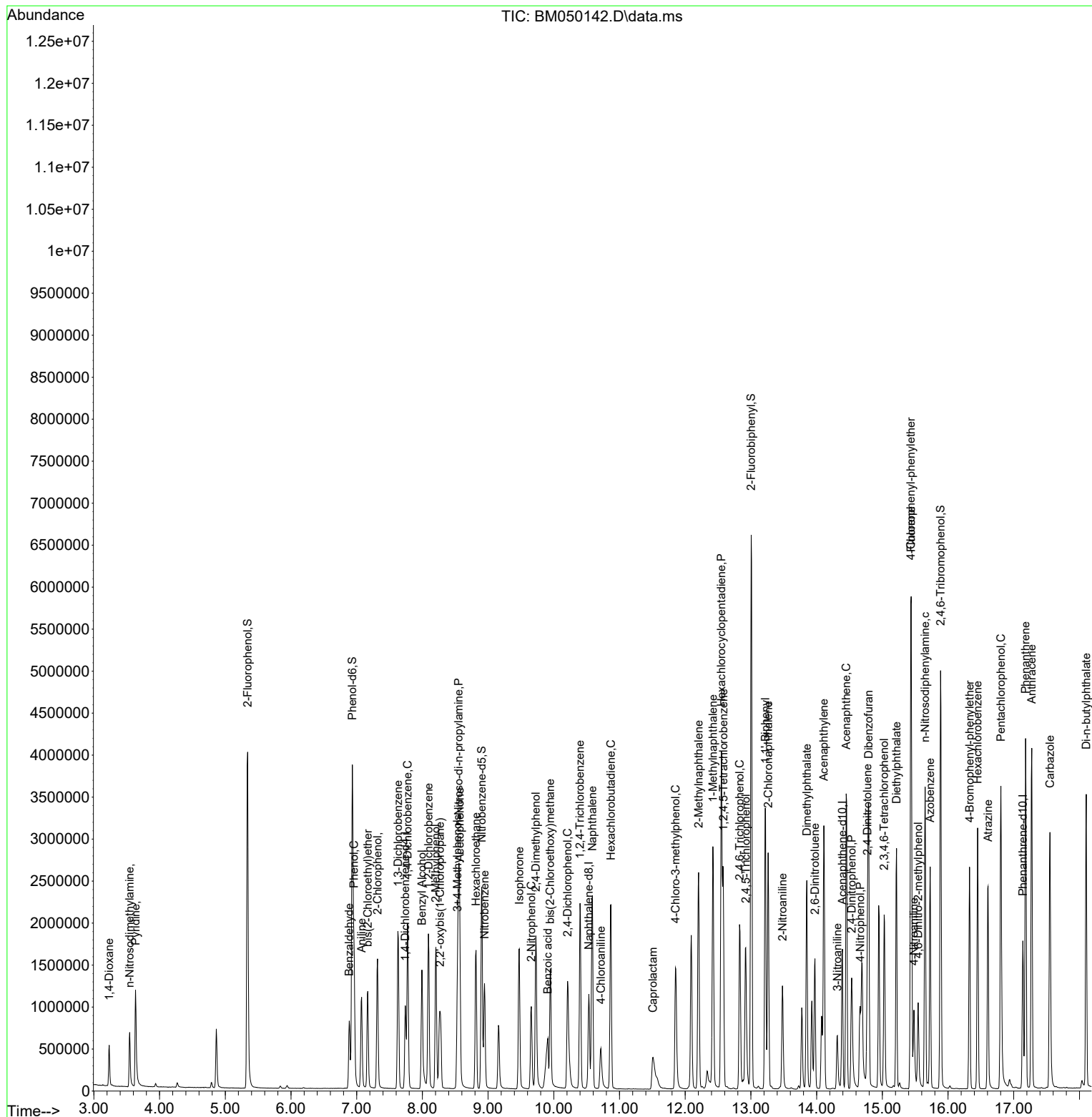
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	595418	44.267	ng	99
46) 1,1'-Biphenyl	13.222	154	1824120	43.196	ng	99
47) 2-Chloronaphthalene	13.263	162	1435664	42.925	ng	100
48) 2-Nitroaniline	13.480	65	350822	44.692	ng	99
49) Acenaphthylene	14.110	152	2229269	42.274	ng	100
50) Dimethylphthalate	13.851	163	1711305	41.219	ng	100
51) 2,6-Dinitrotoluene	13.975	165	370744	43.131	ng	99
52) Acenaphthene	14.451	154	1286566	42.149	ng	99
53) 3-Nitroaniline	14.316	138	203467	24.793	ng	98
54) 2,4-Dinitrophenol	14.533	184	437692	79.596	ng	98
55) Dibenzofuran	14.792	168	2121632	41.776	ng	99
56) 4-Nitrophenol	14.663	139	503968	75.740	ng	100
57) 2,4-Dinitrotoluene	14.774	165	509344	42.882	ng	97
58) Fluorene	15.439	166	1729486	41.605	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.027	232	487372	41.860	ng	99
60) Diethylphthalate	15.216	149	1565730	40.024	ng	99
61) 4-Chlorophenyl-phenyle...	15.433	204	952609	41.722	ng	99
62) 4-Nitroaniline	15.480	138	300705	37.978	ng	98
63) Azobenzene	15.727	77	1367543	41.712	ng	99
65) 4,6-Dinitro-2-methylph...	15.545	198	284575	44.519	ng	97
66) n-Nitrosodiphenylamine	15.651	169	1427311	45.517	ng	99
67) 4-Bromophenyl-phenylether	16.327	248	547445	44.332	ng	97
68) Hexachlorobenzene	16.451	284	633103	44.477	ng	98
69) Atrazine	16.610	200	493748	43.652	ng	99
70) Pentachlorophenol	16.804	266	768709	95.939	ng	99
71) Phenanthrene	17.180	178	2485581	43.156	ng	100
72) Anthracene	17.274	178	2559025	43.905	ng	100
73) Carbazole	17.551	167	2188535	43.271	ng	100
74) Di-n-butylphthalate	18.104	149	2568048	42.636	ng	100
75) Fluoranthene	19.204	202	2865387	42.375	ng	99
77) Benzidine	19.392	184	1066546	31.741	ng	99
78) Pyrene	19.568	202	2925918	44.046	ng	100
80) Butylbenzylphthalate	20.462	149	1090426	43.828	ng	98
81) Benzo(a)anthracene	21.362	228	2849979	43.751	ng	100
82) 3,3'-Dichlorobenzidine	21.292	252	620352	24.877	ng	# 99
83) Chrysene	21.427	228	2604413	43.198	ng	100
84) Bis(2-ethylhexyl)phtha...	21.280	149	1590468	42.798	ng	99
85) Di-n-octyl phthalate	22.403	149	2675728	43.660	ng	100
87) Indeno(1,2,3-cd)pyrene	27.774	276	3550952	48.729	ng	100
88) Benzo(b)fluoranthene	23.433	252	2769019	43.537	ng	99
89) Benzo(k)fluoranthene	23.492	252	2702901	42.013	ng	99
90) Benzo(a)pyrene	24.239	252	2612810	43.862	ng	99
91) Dibenzo(a,h)anthracene	27.809	278	2908155	48.956	ng	99
92) Benzo(g,h,i)perylene	28.815	276	2756751	48.474	ng	100

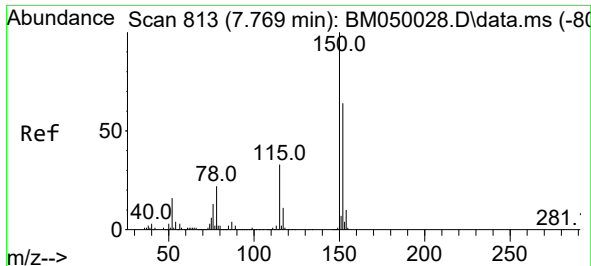
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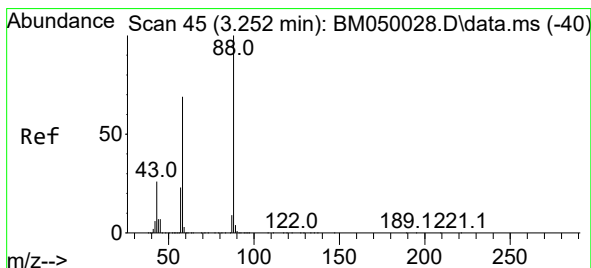
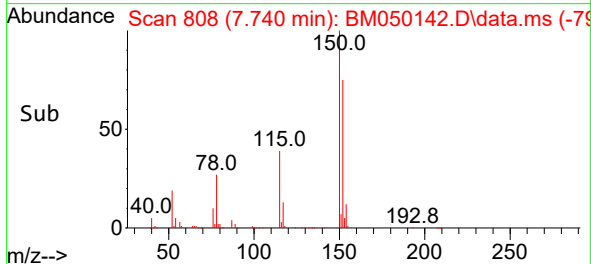
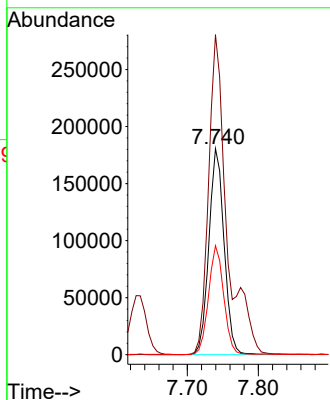
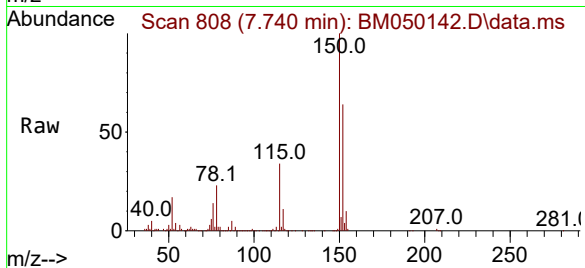




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

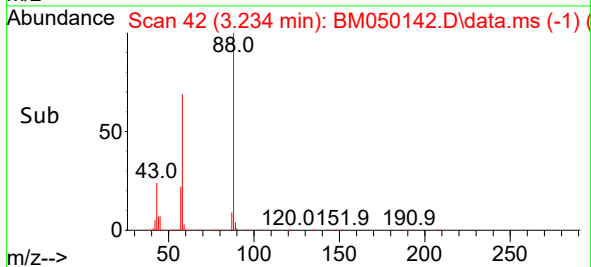
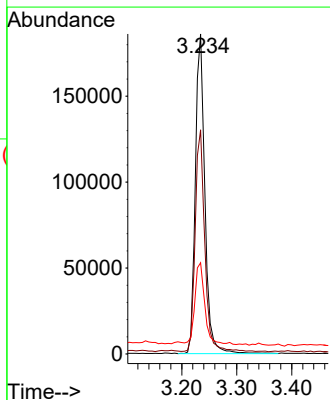
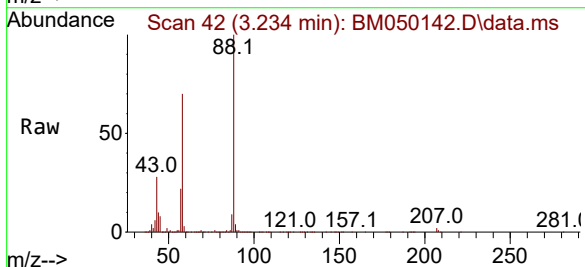
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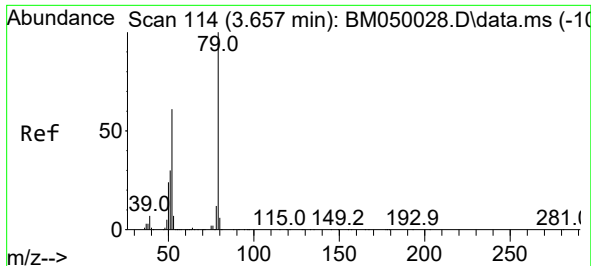
Tgt Ion:152 Resp: 270040
Ion Ratio Lower Upper
152 100
150 155.3 124.1 186.1
115 52.9 41.2 61.8



#2
1,4-Dioxane
Concen: 33.856 ng
RT: 3.234 min Scan# 42
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion: 88 Resp: 223866
Ion Ratio Lower Upper
88 100
58 69.3 55.1 82.7
43 26.7 20.9 31.3

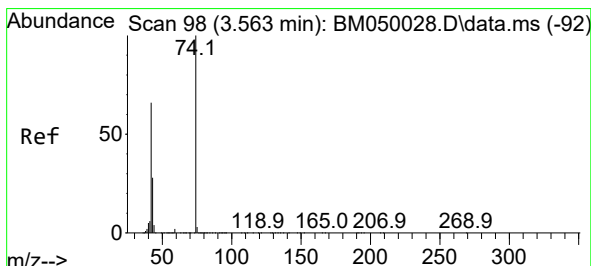
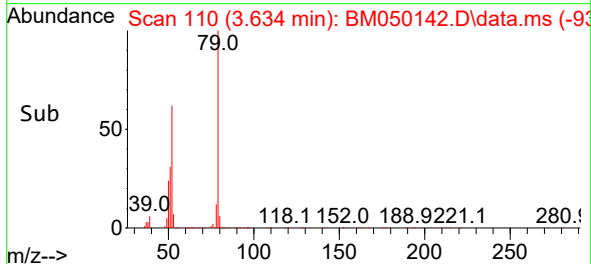
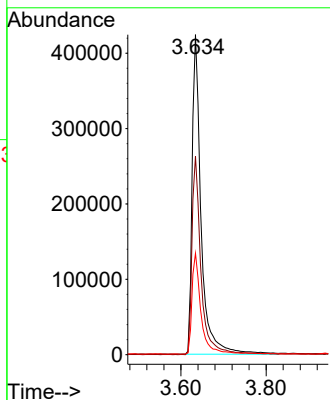
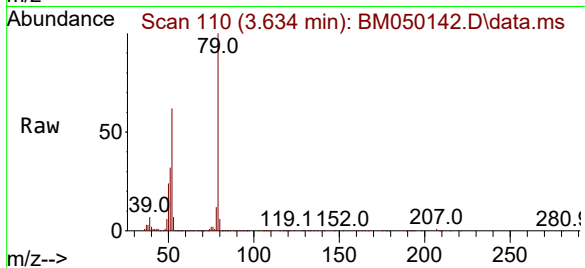




#3
 Pyridine
 Concen: 36.688 ng
 RT: 3.634 min Scan# 114
 Delta R.T. 0.000 min
 Lab File: BM050142.D
 Acq: 08 May 2025 12:00

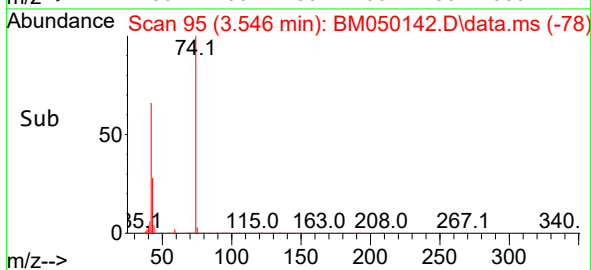
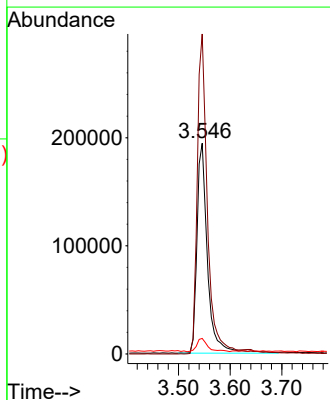
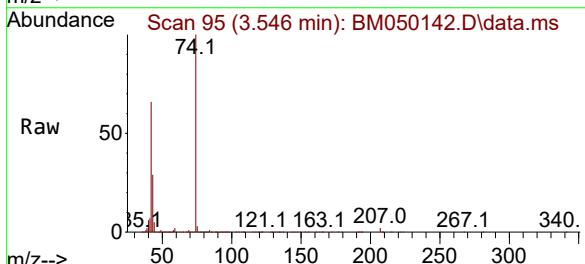
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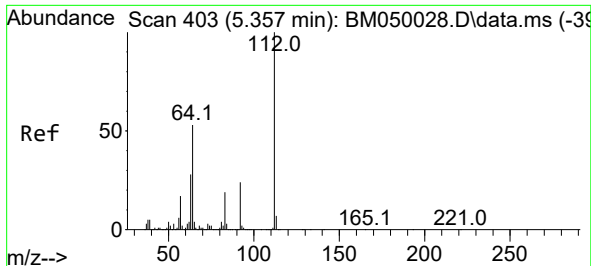
Tgt Ion: 79 Resp: 623284
 Ion Ratio Lower Upper
 79 100
 52 62.0 48.6 72.8
 51 31.7 24.6 37.0



#4
 n-Nitrosodimethylamine
 Concen: 41.260 ng
 RT: 3.546 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: BM050142.D
 Acq: 08 May 2025 12:00

Tgt Ion: 42 Resp: 274924
 Ion Ratio Lower Upper
 42 100
 74 151.8 120.2 180.2
 44 7.4 6.2 9.2

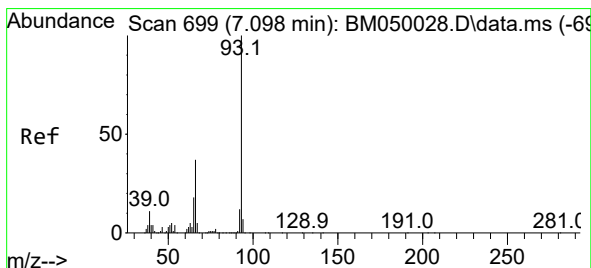
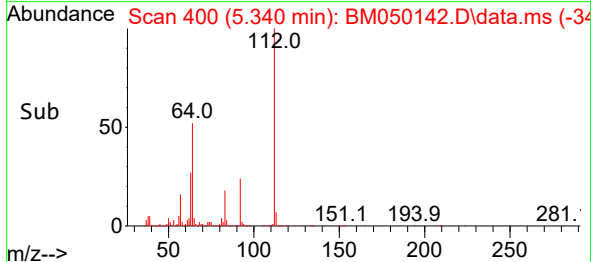
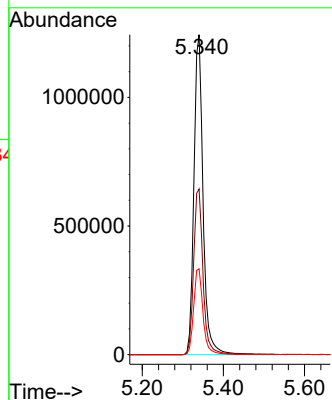
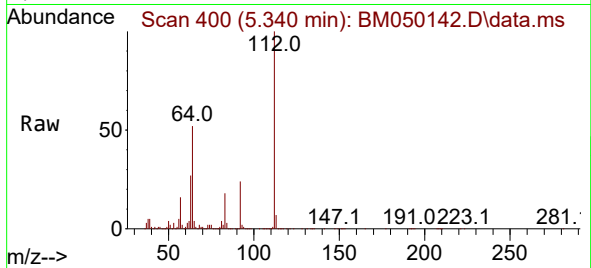




#5
2-Fluorophenol
Concen: 126.899 ng
RT: 5.340 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

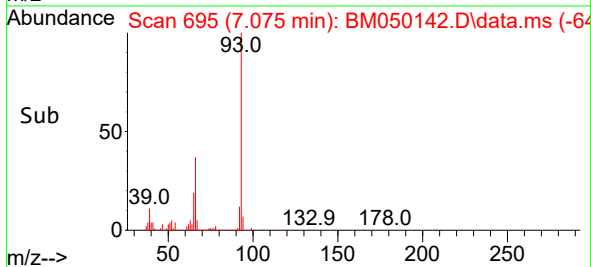
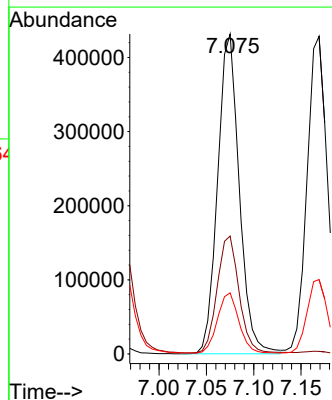
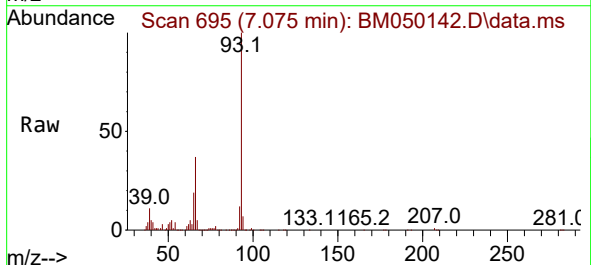
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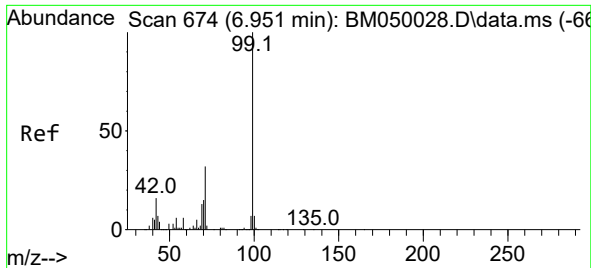
Tgt Ion:112 Resp: 1956963
Ion Ratio Lower Upper
112 100
64 51.8 42.6 64.0
63 26.8 22.2 33.4



#6
Aniline
Concen: 28.007 ng
RT: 7.075 min Scan# 695
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion: 93 Resp: 685482
Ion Ratio Lower Upper
93 100
66 36.9 29.9 44.9
65 19.1 14.5 21.7

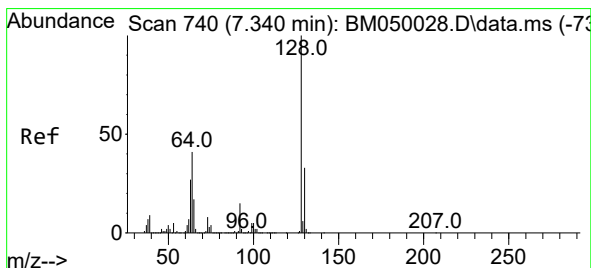
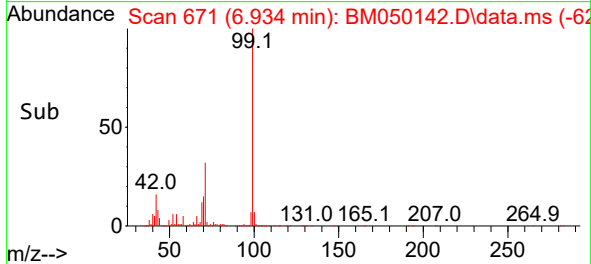
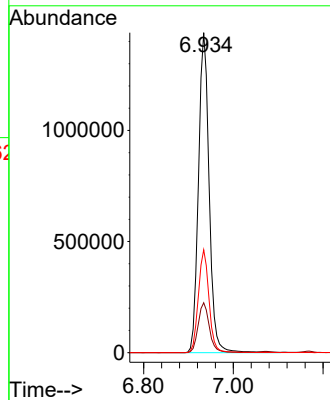
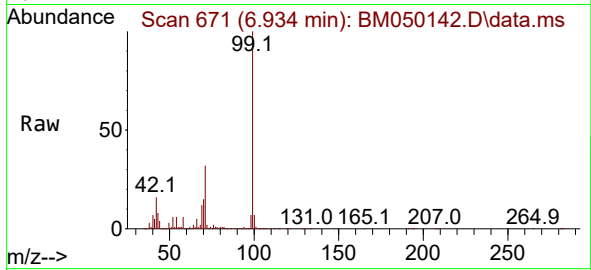




#7
Phenol-d6
Concen: 122.708 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

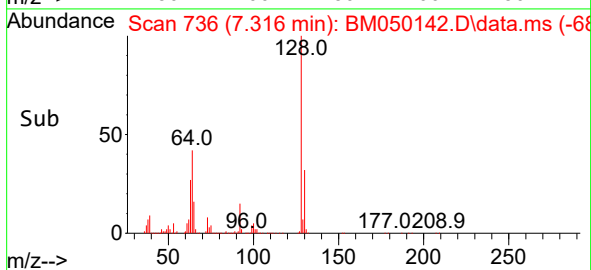
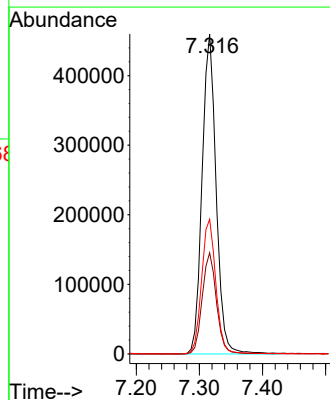
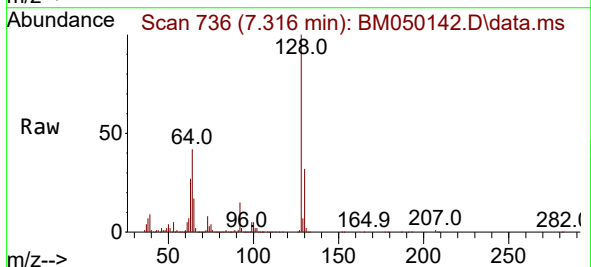
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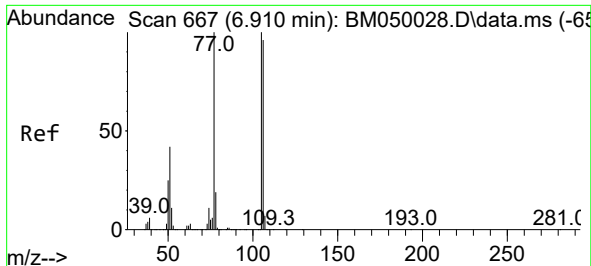
Tgt Ion: 99 Resp: 2378415
Ion Ratio Lower Upper
99 100
42 15.6 13.0 19.4
71 32.1 25.6 38.4



#8
2-Chlorophenol
Concen: 42.599 ng
RT: 7.316 min Scan# 736
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion: 128 Resp: 710289
Ion Ratio Lower Upper
128 100
130 31.6 12.8 52.8
64 42.1 21.2 61.2

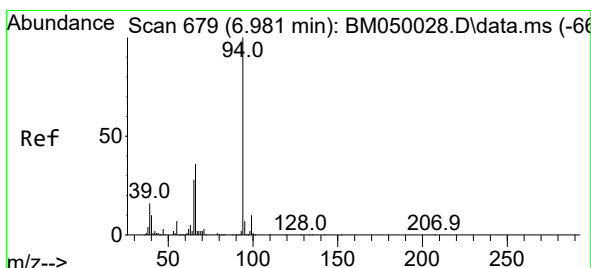
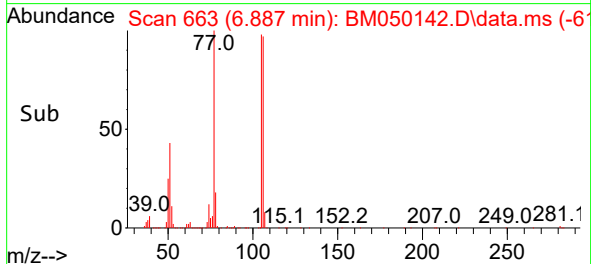
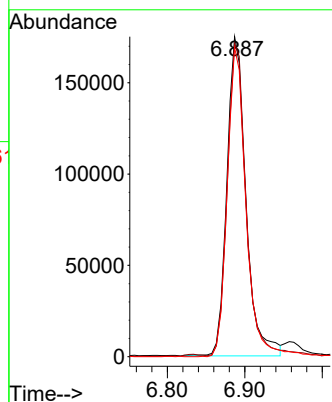
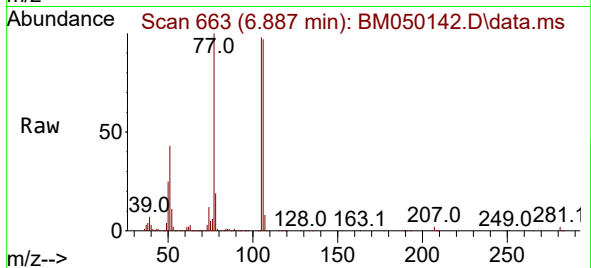




#9
Benzaldehyde
Concen: 22.950 ng
RT: 6.887 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

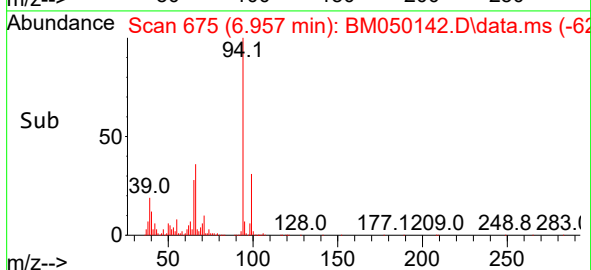
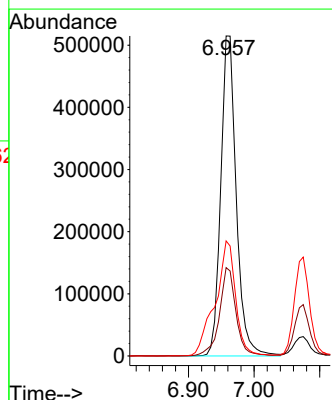
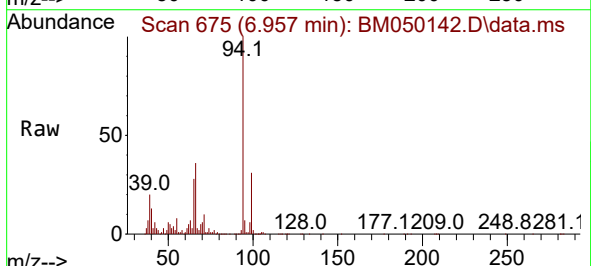
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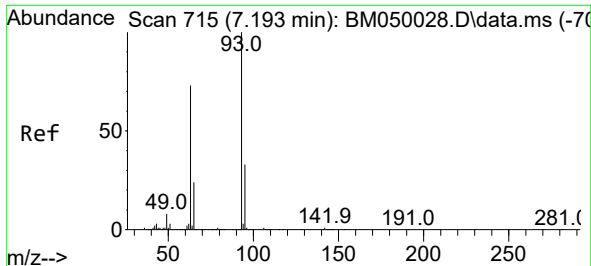
Tgt Ion: 77 Resp: 297678
Ion Ratio Lower Upper
77 100
105 98.0 80.5 120.5
106 96.7 76.1 116.1



#10
Phenol
Concen: 42.933 ng
RT: 6.957 min Scan# 675
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion: 94 Resp: 842425
Ion Ratio Lower Upper
94 100
65 27.6 7.6 47.6
66 36.0 15.8 55.8

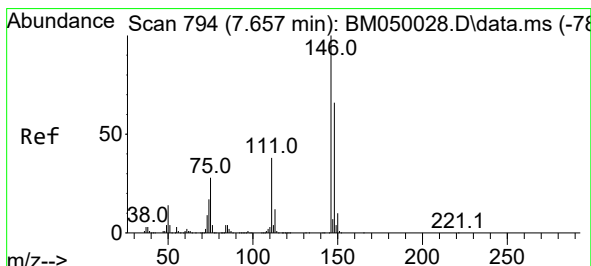
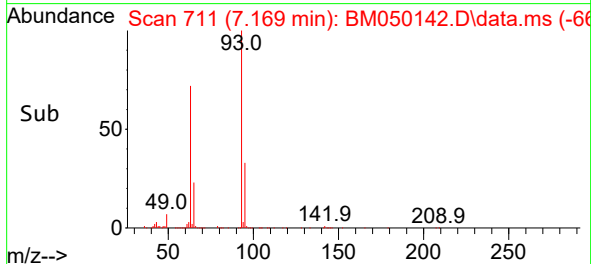
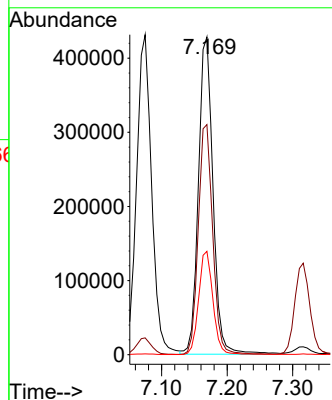
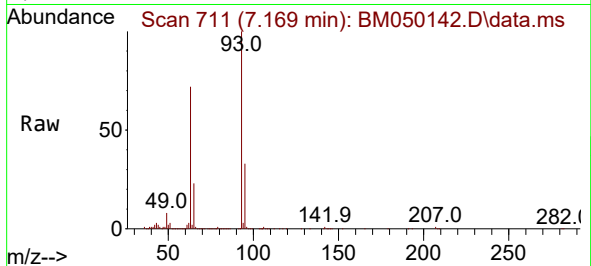




#11
bis(2-Chloroethyl)ether
Concen: 40.537 ng
RT: 7.169 min Scan# 715
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

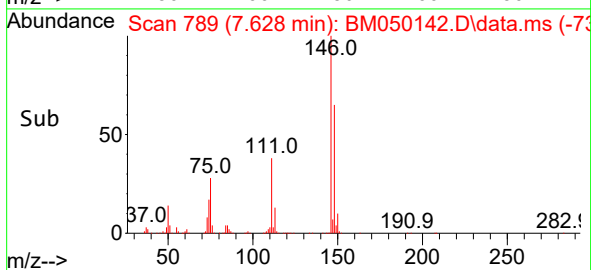
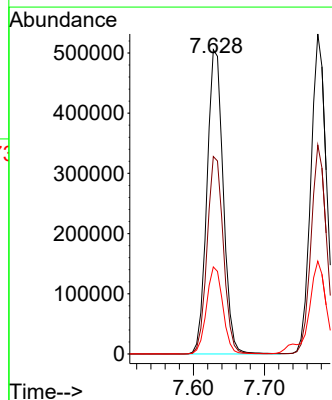
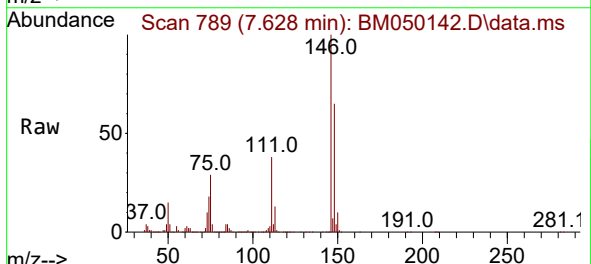
Instrument :
BNA_M
ClientSampleId :
PB167889BS

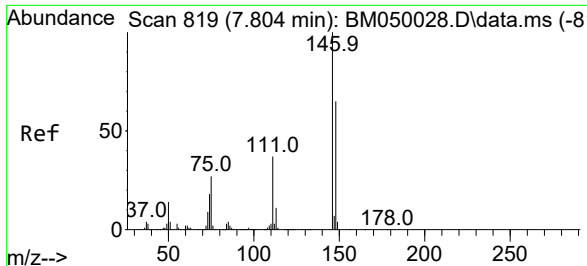
Tgt Ion: 93 Resp: 664180
Ion Ratio Lower Upper
93 100
63 72.4 52.3 92.3
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.992 ng
RT: 7.628 min Scan# 789
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:146 Resp: 805508
Ion Ratio Lower Upper
146 100
148 64.9 52.5 78.7
75 28.6 22.6 34.0

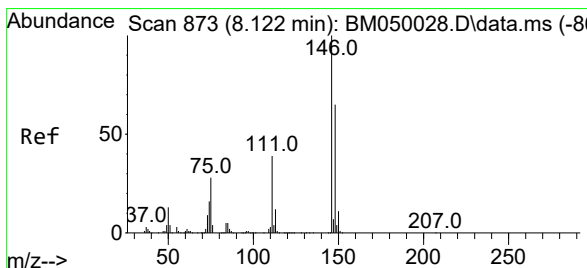
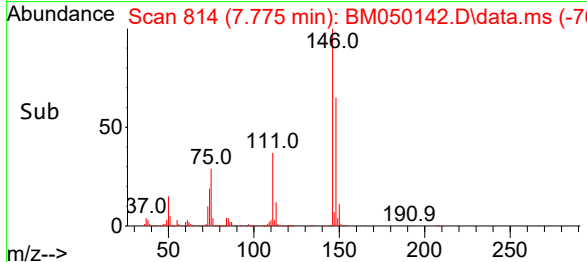
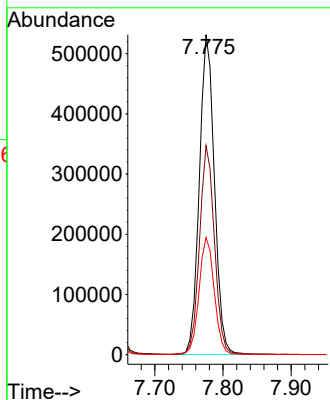
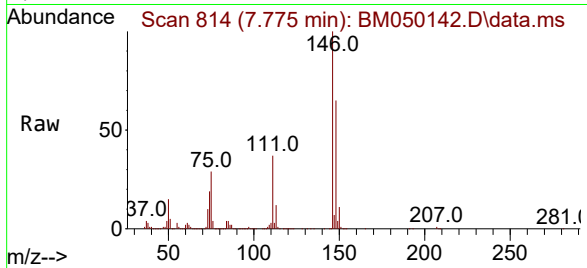




#13
1,4-Dichlorobenzene
Concen: 40.408 ng
RT: 7.775 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

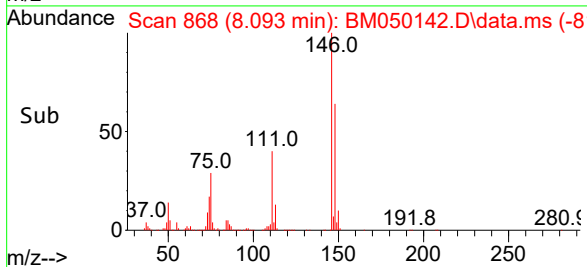
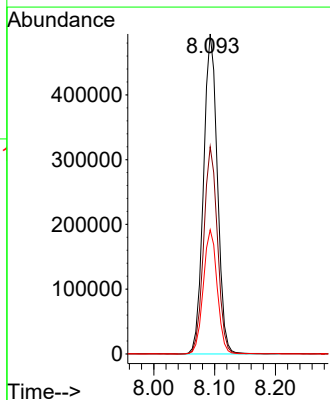
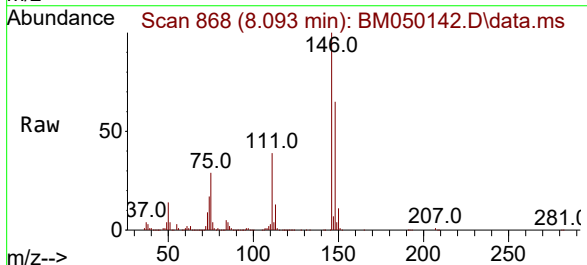
Instrument :
BNA_M
ClientSampleId :
PB167889BS

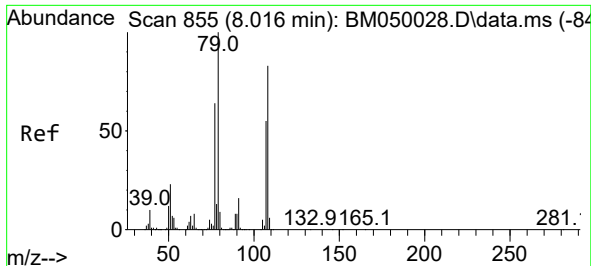
Tgt Ion:146 Resp: 817636
Ion Ratio Lower Upper
146 100
148 65.3 52.2 78.2
111 36.6 29.3 43.9



#14
1,2-Dichlorobenzene
Concen: 40.180 ng
RT: 8.093 min Scan# 868
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:146 Resp: 785343
Ion Ratio Lower Upper
146 100
148 64.7 52.4 78.6
111 38.8 31.0 46.6

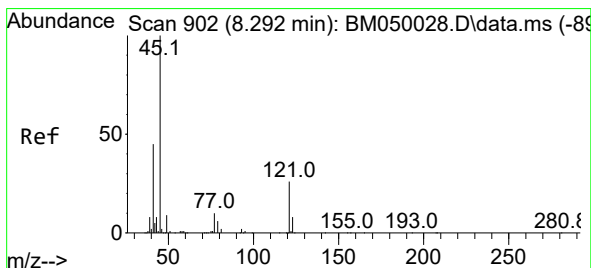
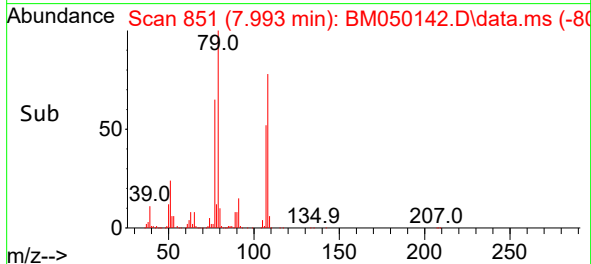
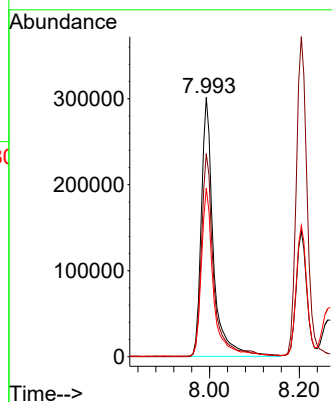
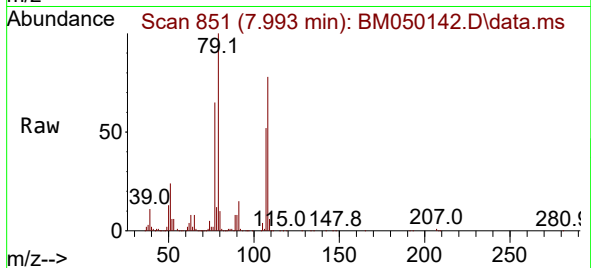




#15
Benzyl Alcohol
Concen: 41.749 ng
RT: 7.993 min Scan# 815
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

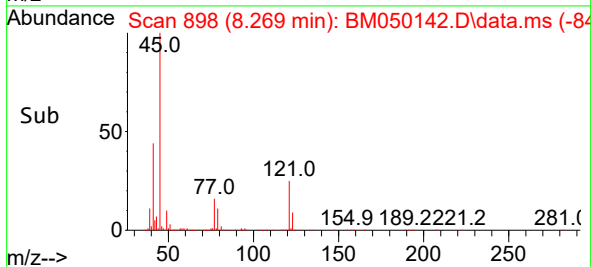
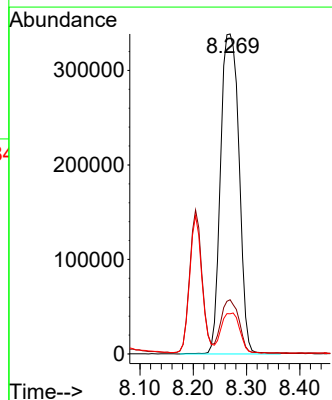
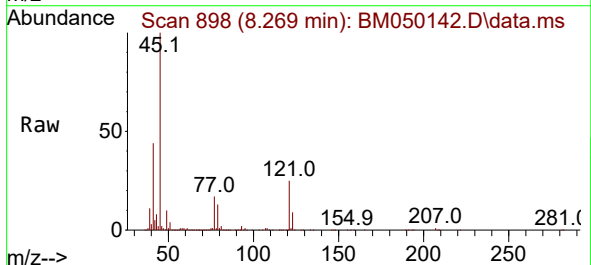
Instrument :
BNA_M
ClientSampleId :
PB167889BS

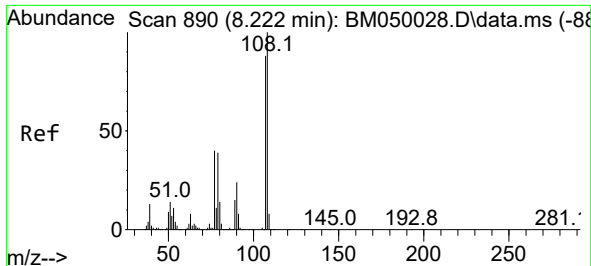
Tgt Ion: 79 Resp: 561188
Ion Ratio Lower Upper
79 100
108 78.3 66.0 99.0
77 65.1 51.6 77.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.942 ng
RT: 8.269 min Scan# 898
Delta R.T. 0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion: 45 Resp: 815438
Ion Ratio Lower Upper
45 100
77 17.0 0.0 36.4
79 12.5 0.0 32.7

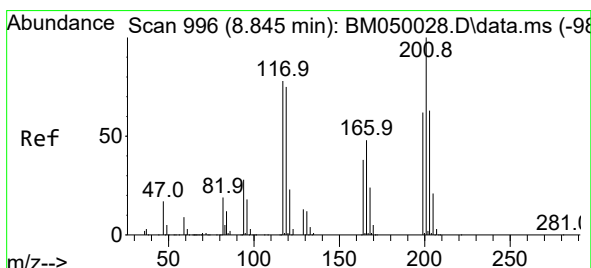
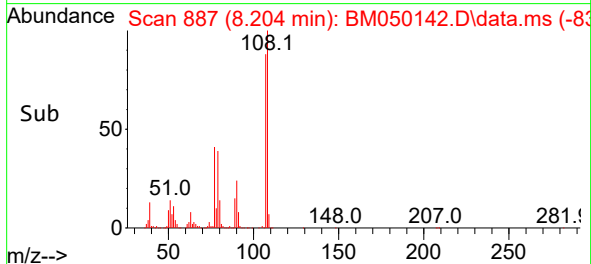
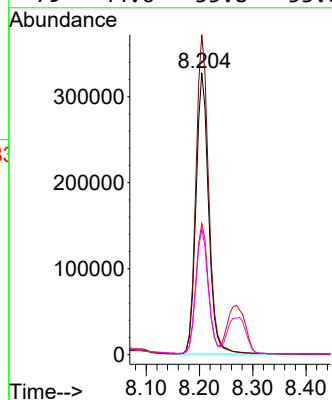
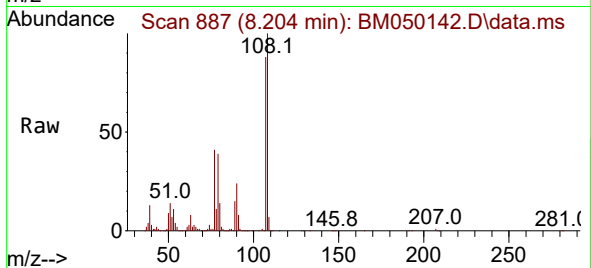




#17
2-Methylphenol
Concen: 41.717 ng
RT: 8.204 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

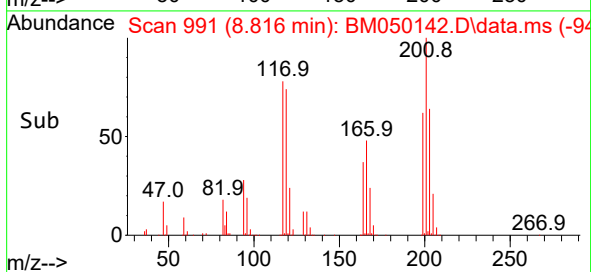
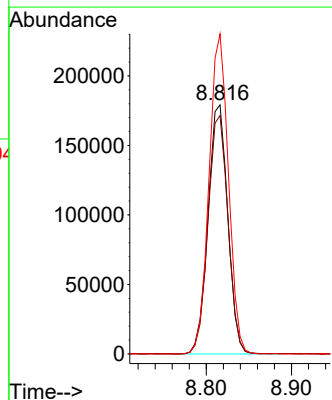
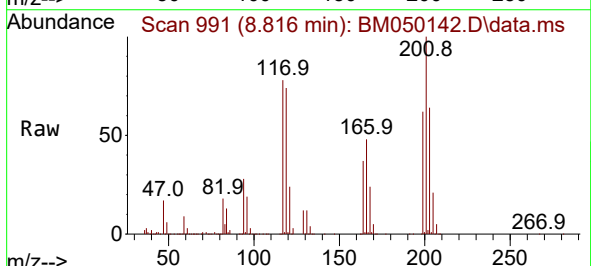
Instrument :
BNA_M
ClientSampleId :
PB167889BS

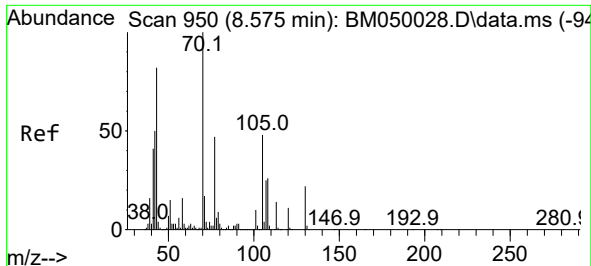
Tgt Ion:	107	Resp:	539244
Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.1	136.7
77	46.5	36.2	54.4
79	44.6	35.8	53.8



#18
Hexachloroethane
Concen: 40.192 ng
RT: 8.816 min Scan# 991
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:	117	Resp:	289103
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.3	115.9
201	128.4	102.8	154.2

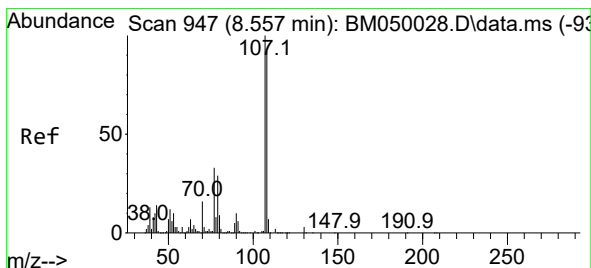
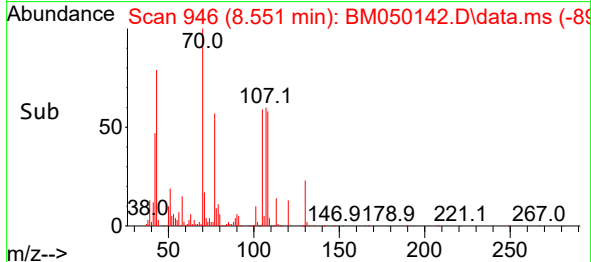
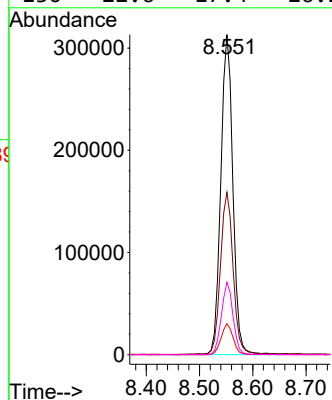
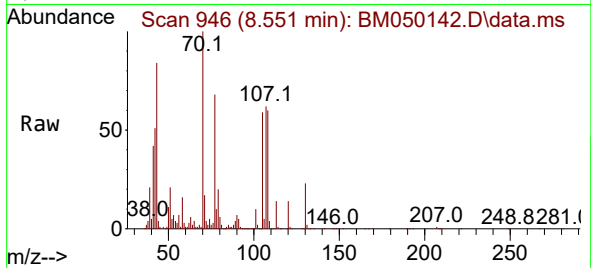




#19
n-Nitroso-di-n-propylamine
Concen: 39.608 ng
RT: 8.551 min Scan# 94
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

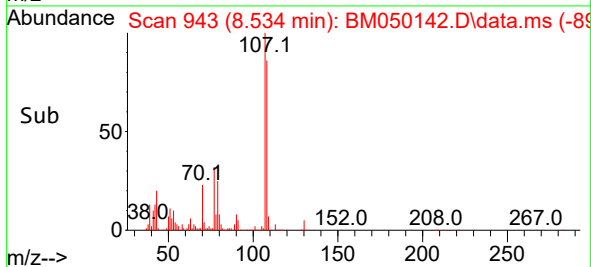
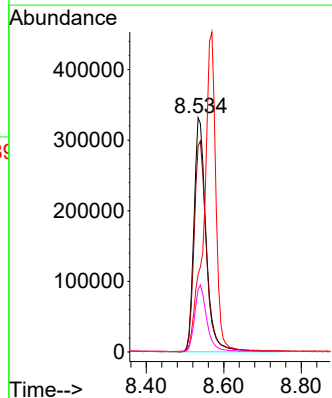
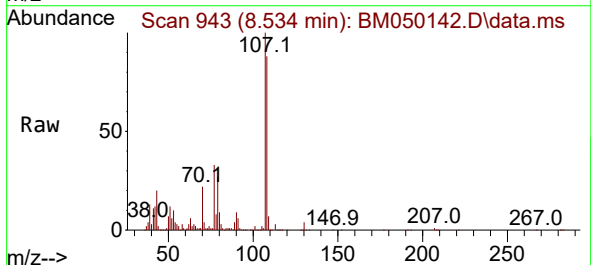
Instrument :
BNA_M
ClientSampleId :
PB167889BS

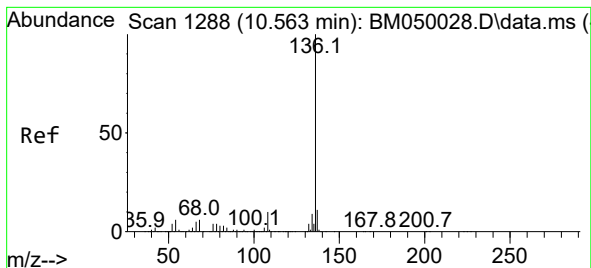
Tgt Ion: 70 Resp: 492380
Ion Ratio Lower Upper
70 100
42 50.7 40.5 60.7
101 9.7 7.8 11.6
130 22.6 17.4 26.2



#20
3+4-Methylphenols
Concen: 41.511 ng
RT: 8.534 min Scan# 943
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion: 107 Resp: 724638
Ion Ratio Lower Upper
107 100
108 88.1 72.4 112.4
77 33.2 13.6 53.6
79 26.7 9.2 49.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

Instrument :

BNA_M

ClientSampleId :

PB167889BS

Tgt Ion:136 Resp: 938494

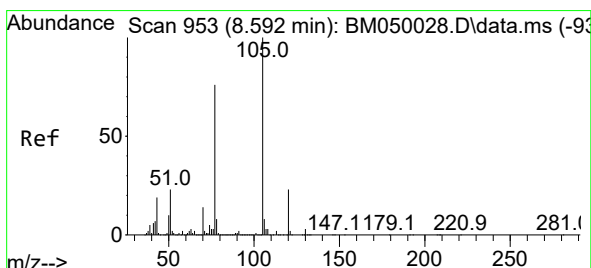
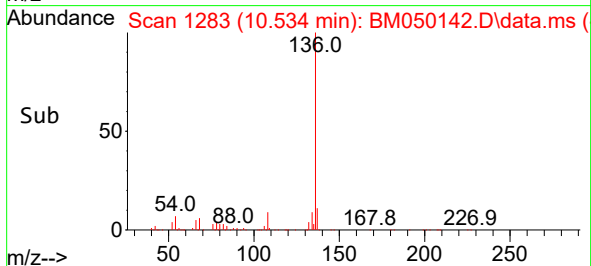
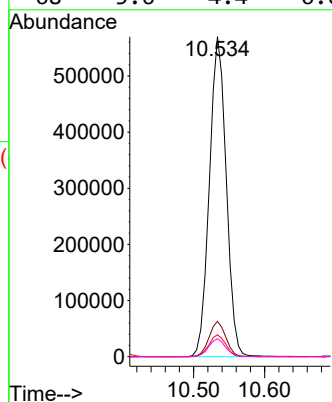
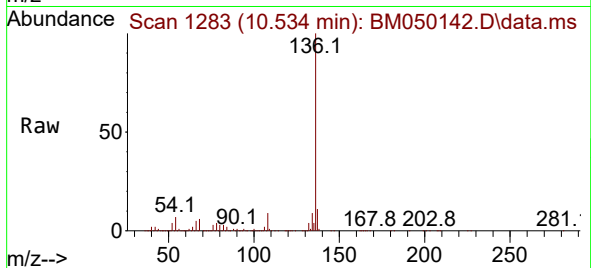
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.8 5.1 7.7

68 5.6 4.4 6.6



#22

Acetophenone

Concen: 41.478 ng

RT: 8.569 min Scan# 949

Delta R.T. 0.000 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

Tgt Ion:105 Resp: 967776

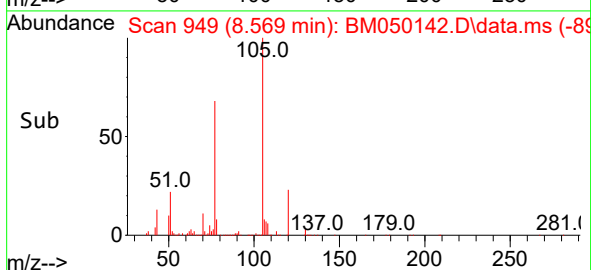
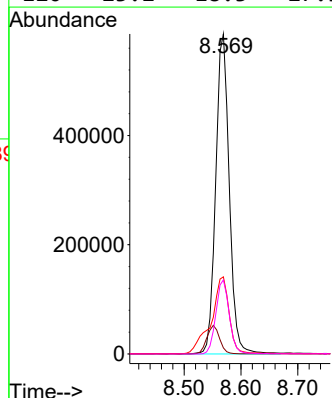
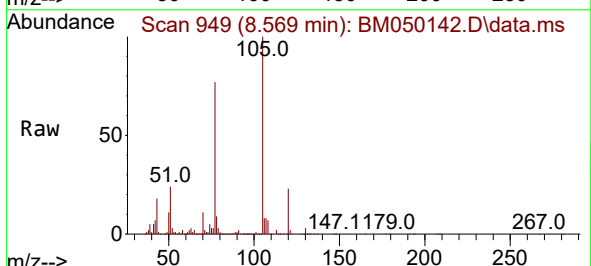
Ion Ratio Lower Upper

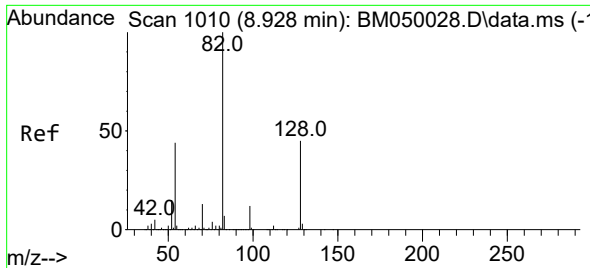
105 100

71 1.9 1.7 2.5

51 24.1 18.6 27.8

120 23.2 18.3 27.5

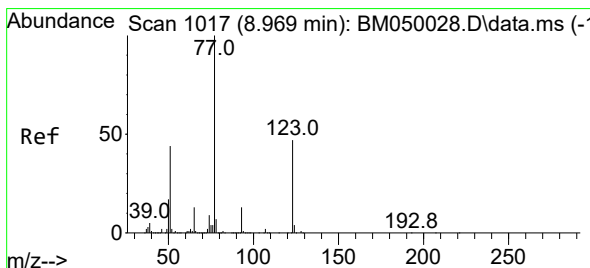
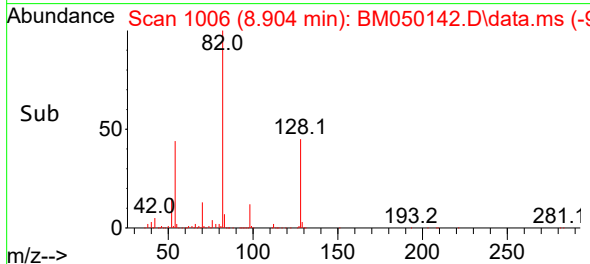
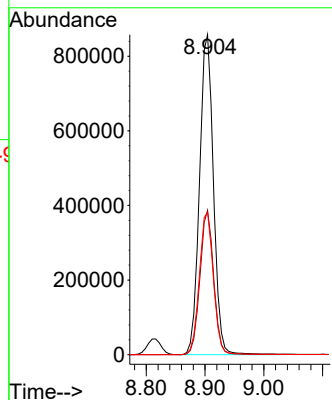
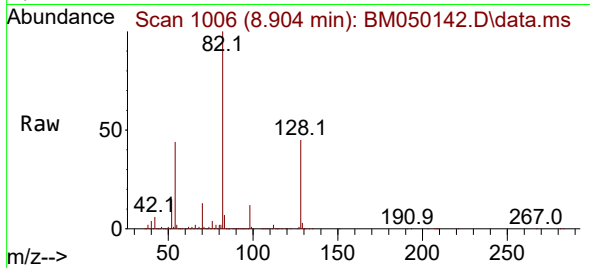




#23
Nitrobenzene-d5
Concen: 73.978 ng
RT: 8.904 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

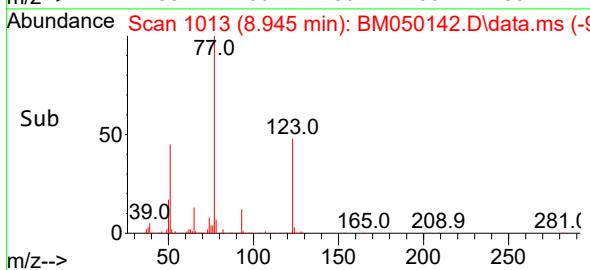
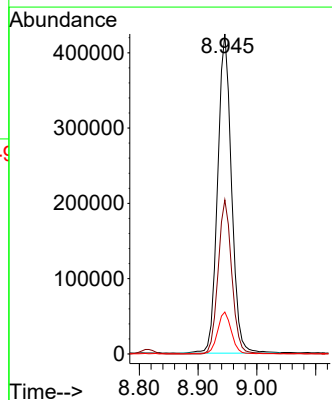
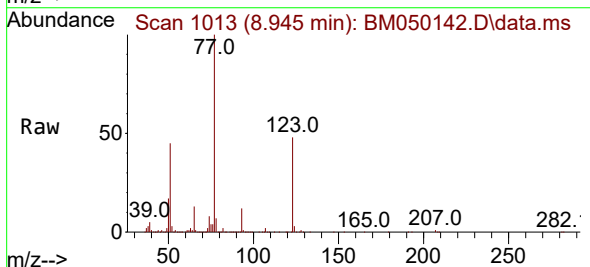
Instrument :
BNA_M
ClientSampleId :
PB167889BS

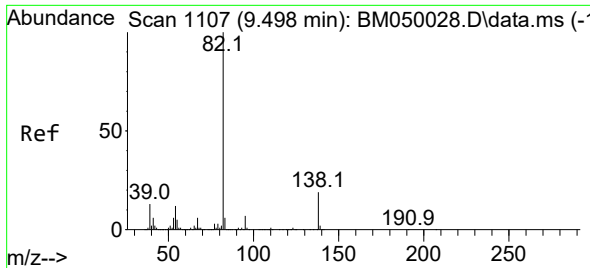
Tgt Ion: 82 Resp: 1408955
Ion Ratio Lower Upper
82 100
128 45.1 35.7 53.5
54 44.5 35.4 53.2



#24
Nitrobenzene
Concen: 42.273 ng
RT: 8.945 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion: 77 Resp: 696141
Ion Ratio Lower Upper
77 100
123 48.2 37.9 56.9
65 13.1 10.1 15.1

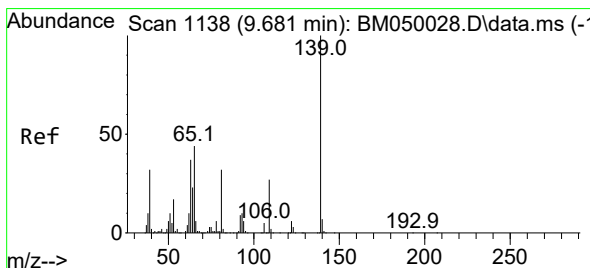
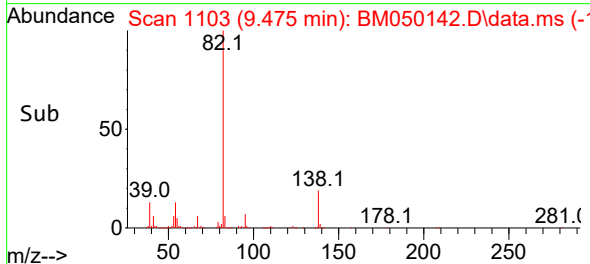
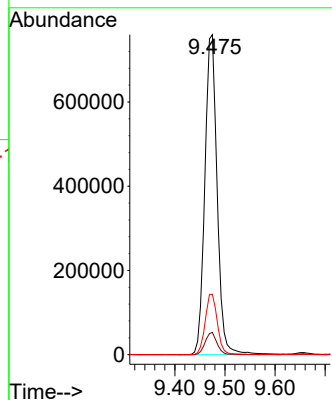
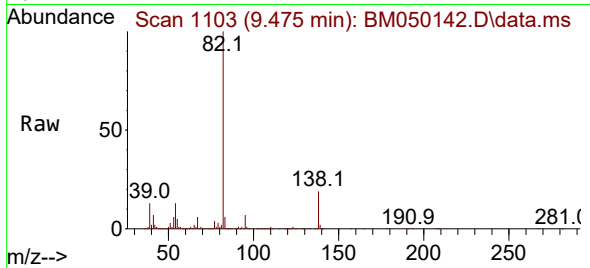




#25
Isophorone
Concen: 39.903 ng
RT: 9.475 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

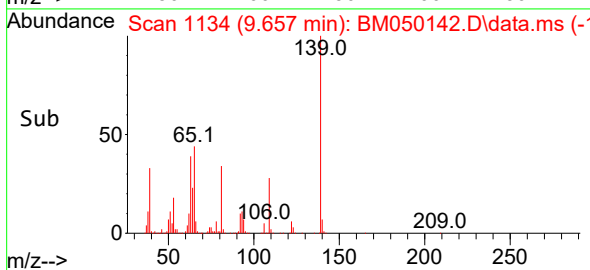
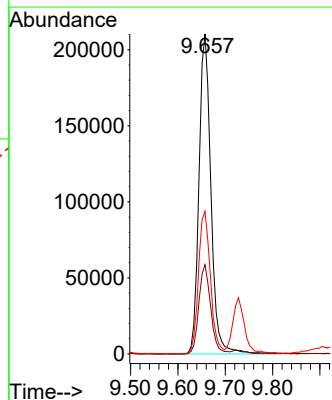
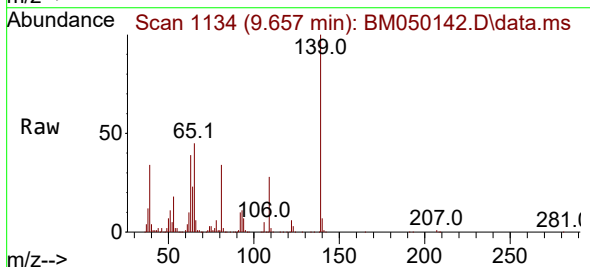
Instrument :
BNA_M
ClientSampleId :
PB167889BS

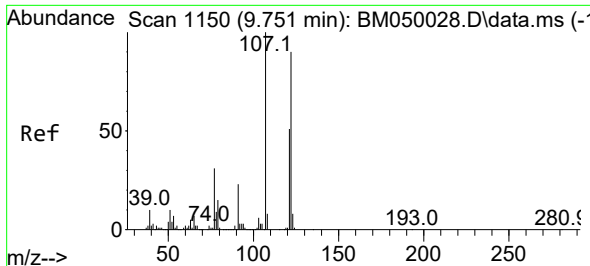
Tgt Ion: 82 Resp: 1295435
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 18.9 15.5 23.3



#26
2-Nitrophenol
Concen: 43.844 ng
RT: 9.657 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion: 139 Resp: 368859
Ion Ratio Lower Upper
139 100
109 27.9 21.9 32.9
65 44.6 35.4 53.2

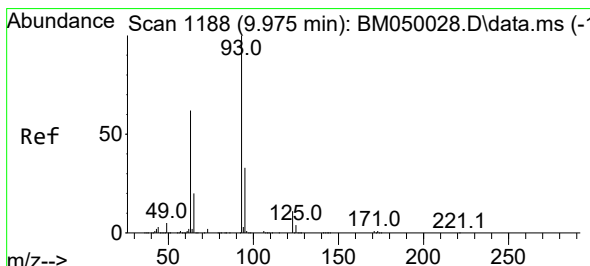
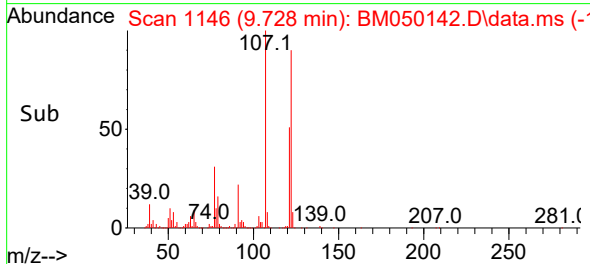
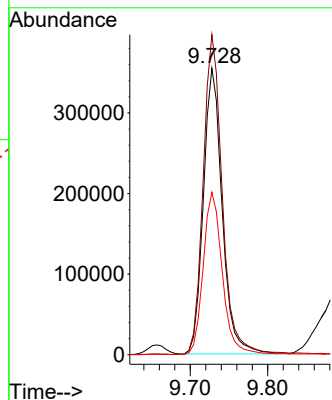
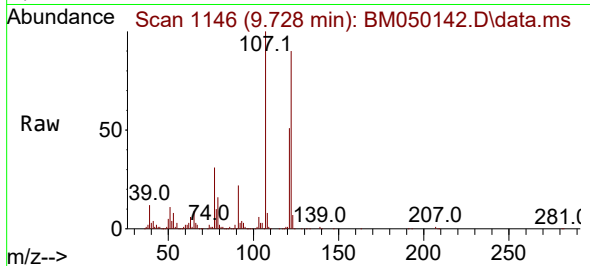




#27
2,4-Dimethylphenol
Concen: 42.880 ng
RT: 9.728 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

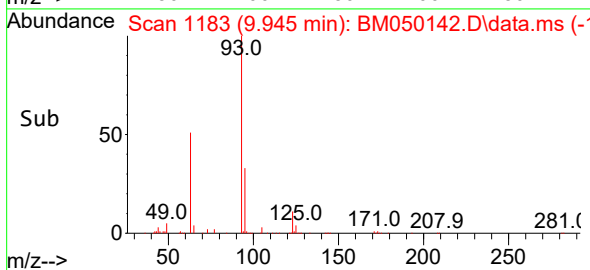
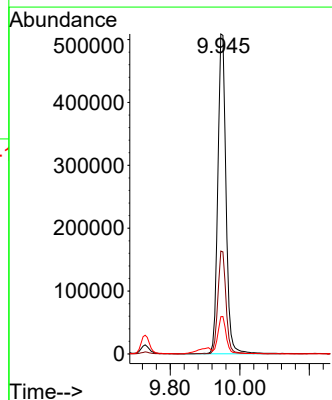
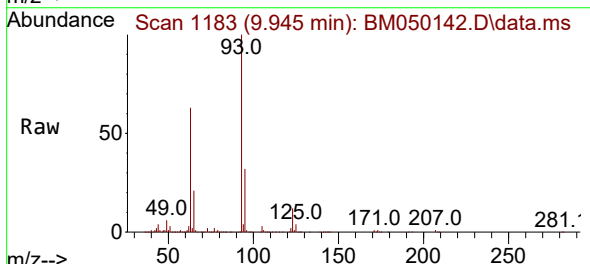
Instrument :
BNA_M
ClientSampleId :
PB167889BS

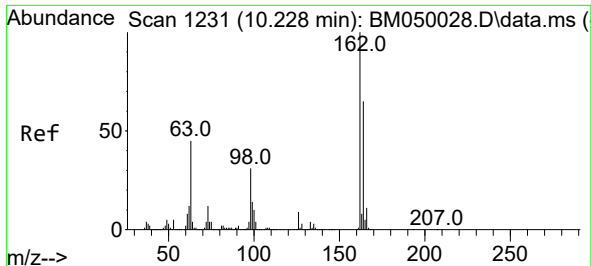
Tgt Ion:122 Resp: 598259
Ion Ratio Lower Upper
122 100
107 111.7 89.0 133.6
121 56.7 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 41.256 ng
RT: 9.945 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion: 93 Resp: 827841
Ion Ratio Lower Upper
93 100
95 32.2 26.1 39.1
123 11.7 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 43.040 ng

RT: 10.210 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

Instrument :

BNA_M

ClientSampleId :

PB167889BS

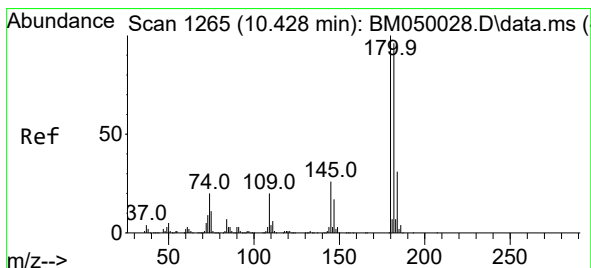
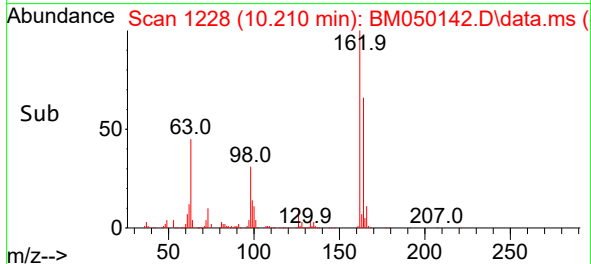
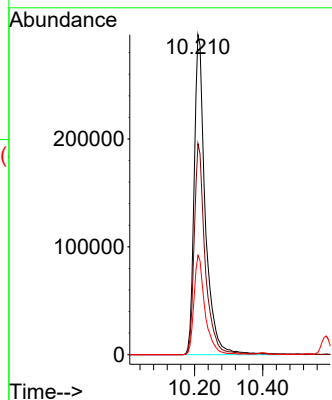
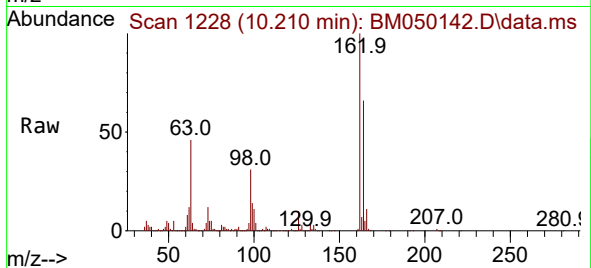
Tgt Ion:162 Resp: 672716

Ion Ratio Lower Upper

162 100

164 65.9 45.4 85.4

98 31.0 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 41.121 ng

RT: 10.398 min Scan# 1260

Delta R.T. -0.006 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

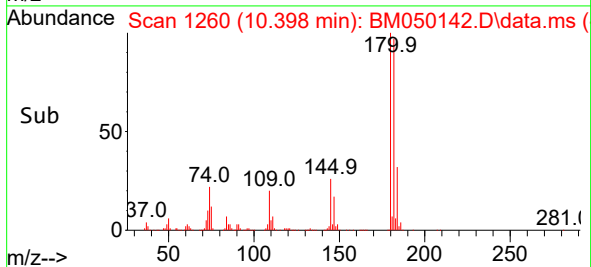
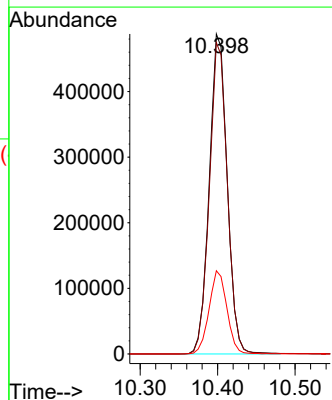
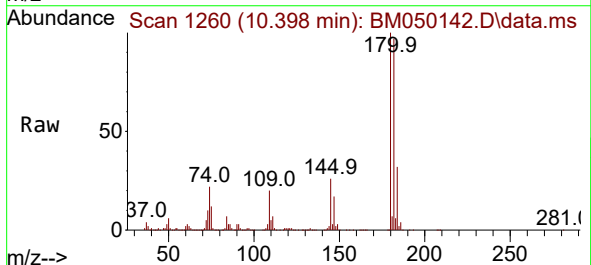
Tgt Ion:180 Resp: 783066

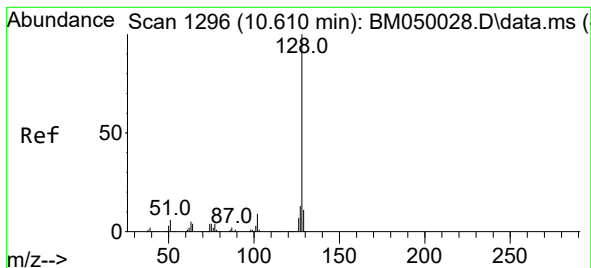
Ion Ratio Lower Upper

180 100

182 97.3 77.0 115.4

145 26.0 20.6 30.8

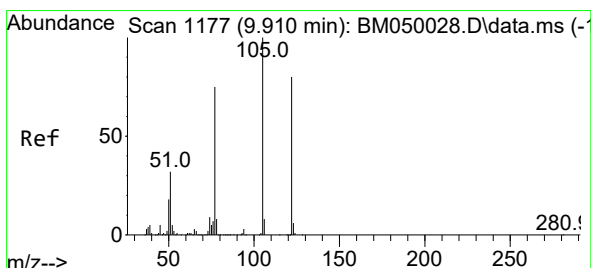
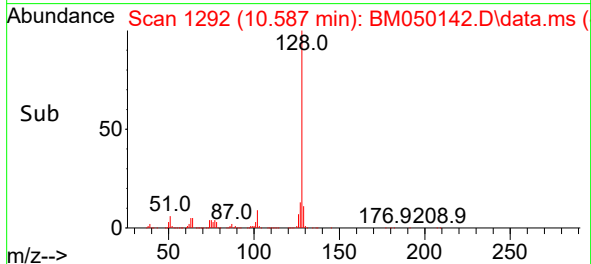
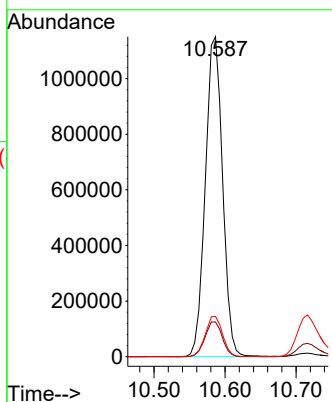
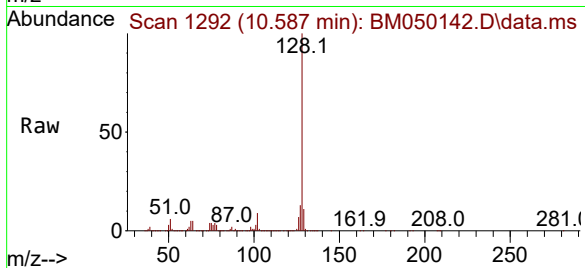




#31
Naphthalene
Concen: 40.920 ng
RT: 10.587 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

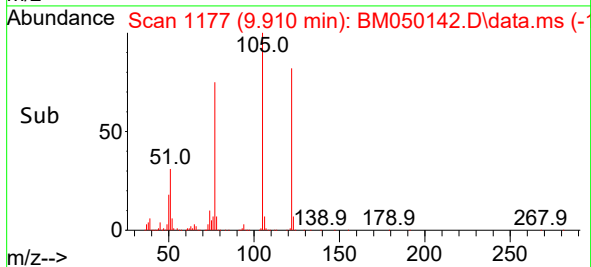
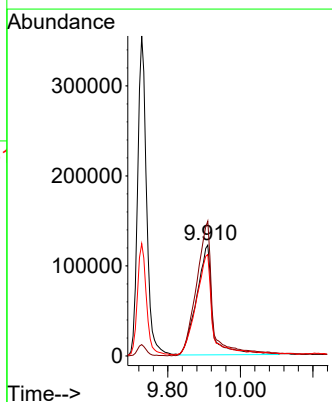
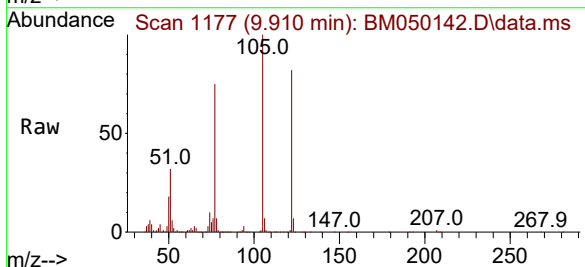
Instrument :
BNA_M
ClientSampleId :
PB167889BS

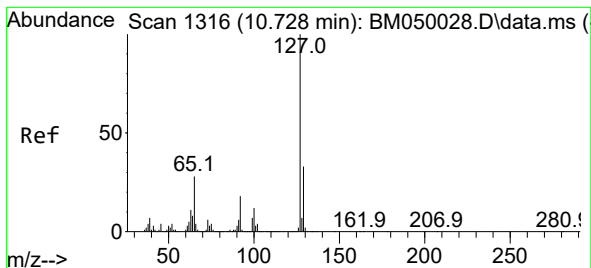
Tgt Ion:128 Resp: 1944854
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.6 10.4 15.6



#32
Benzoic acid
Concen: 41.908 ng
RT: 9.910 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:122 Resp: 373948
Ion Ratio Lower Upper
122 100
105 121.7 103.6 143.6
77 91.4 73.7 113.7

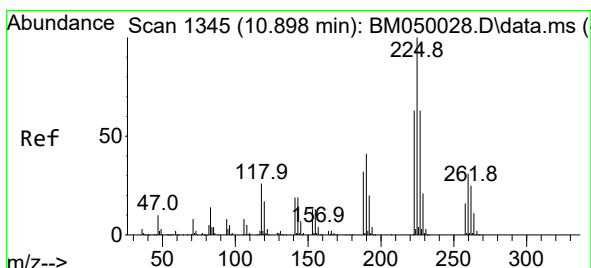
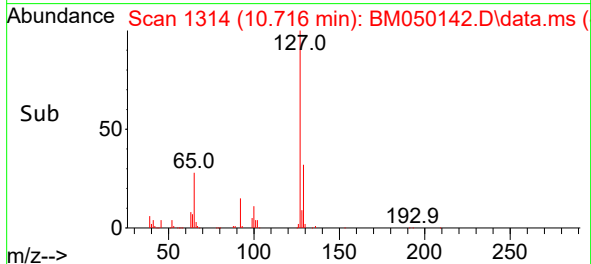
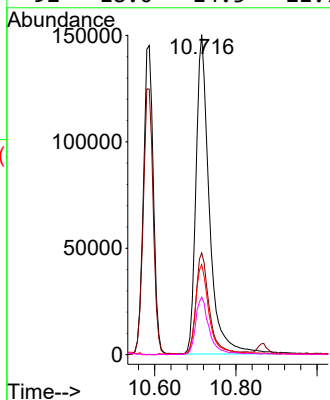
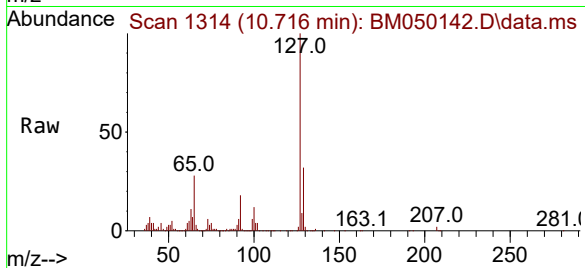




#33
4-Chloroaniline
Concen: 17.737 ng
RT: 10.716 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

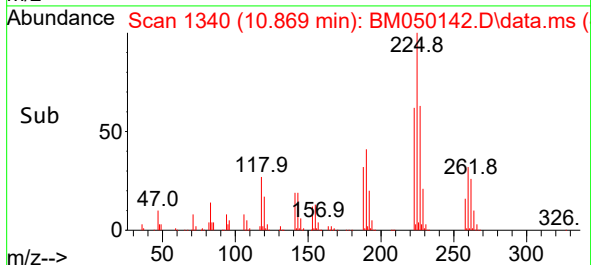
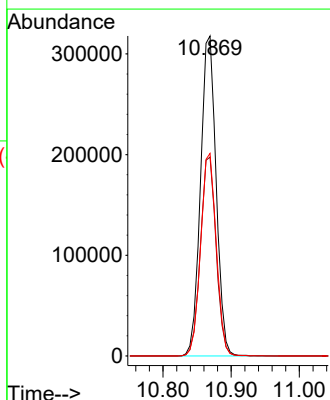
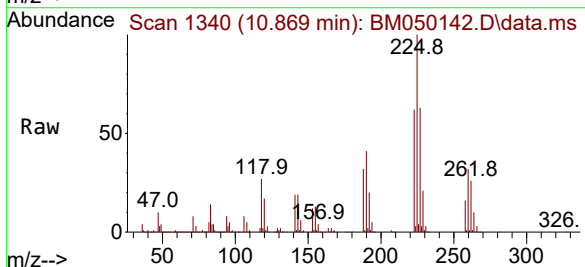
Instrument :
BNA_M
ClientSampleId :
PB167889BS

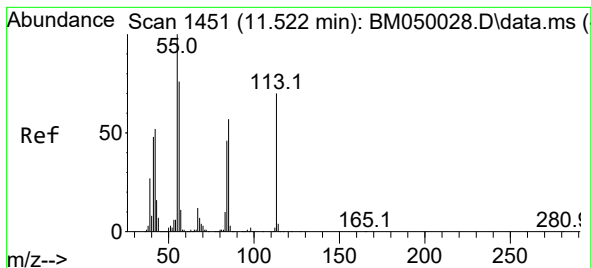
Tgt Ion:	127	Resp:	345539
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	28.1	22.5	33.7
92	18.0	14.5	21.7



#34
Hexachlorobutadiene
Concen: 41.872 ng
RT: 10.869 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:	225	Resp:	506147
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.2	75.2
227	63.3	50.6	76.0





#35

Caprolactam

Concen: 37.395 ng

RT: 11.510 min Scan# 14

Delta R.T. -0.006 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

Instrument :

BNA_M

ClientSampleId :

PB167889BS

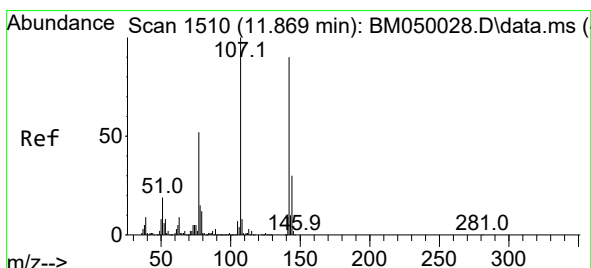
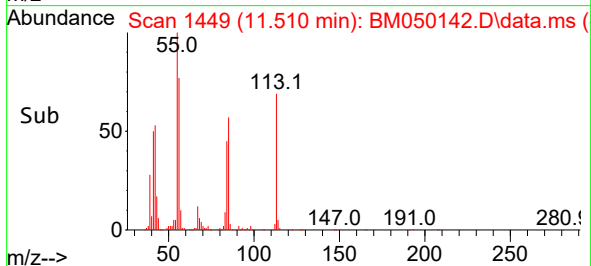
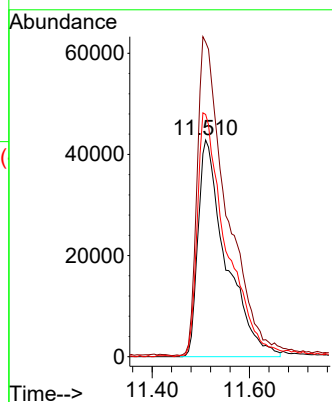
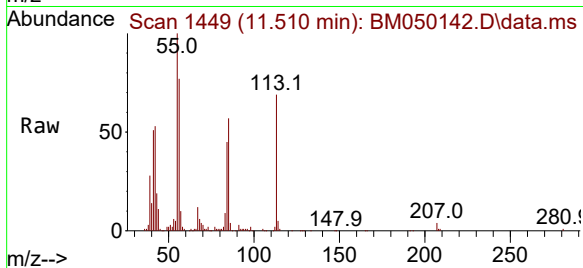
Tgt Ion:113 Resp: 170422

Ion Ratio Lower Upper

113 100

55 145.2 122.9 162.9

56 111.8 88.1 128.1



#36

4-Chloro-3-methylphenol

Concen: 40.784 ng

RT: 11.851 min Scan# 1507

Delta R.T. -0.006 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

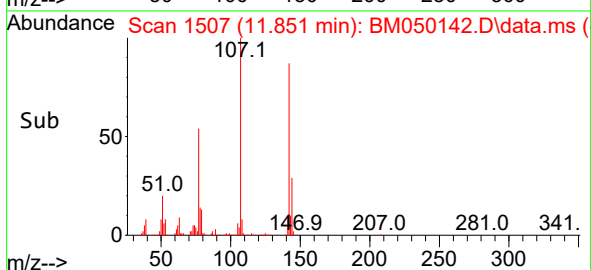
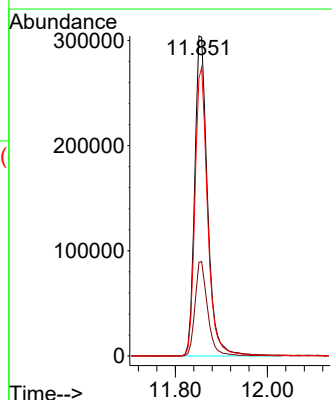
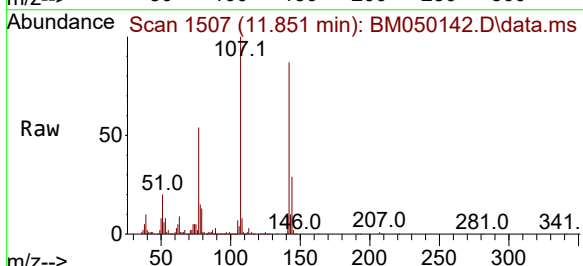
Tgt Ion:107 Resp: 588941

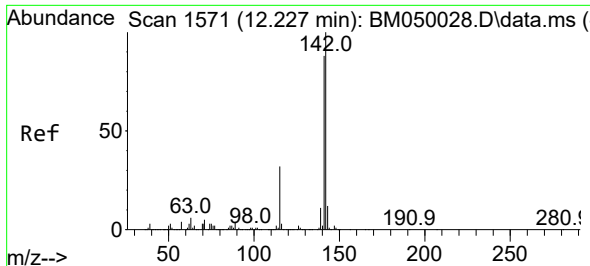
Ion Ratio Lower Upper

107 100

144 29.3 23.8 35.6

142 86.7 71.9 107.9





#37

2-Methylnaphthalene

Concen: 39.930 ng

RT: 12.204 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

Instrument :

BNA_M

ClientSampleId :

PB167889BS

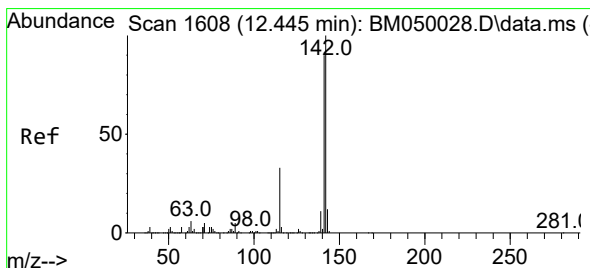
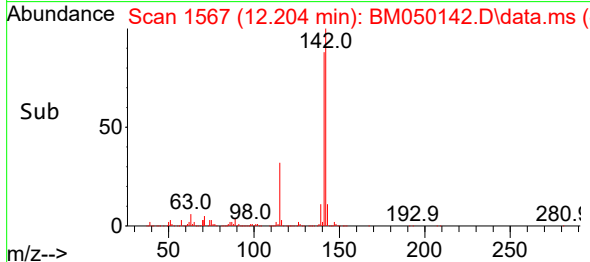
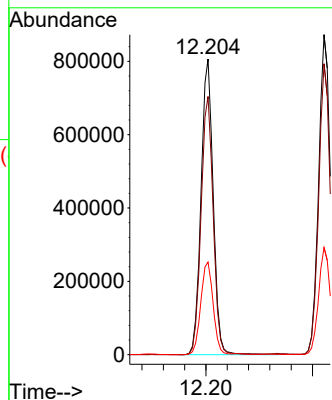
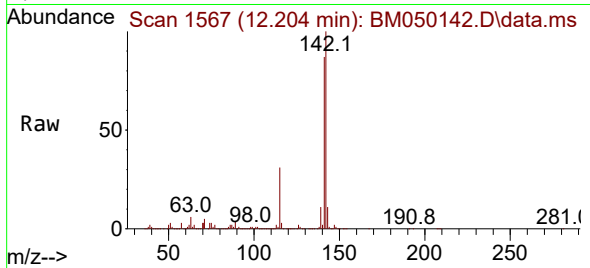
Tgt Ion:142 Resp: 1272363

Ion Ratio Lower Upper

142 100

141 87.3 70.4 105.6

115 31.3 25.4 38.2



#38

1-Methylnaphthalene

Concen: 39.460 ng

RT: 12.422 min Scan# 1604

Delta R.T. 0.000 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

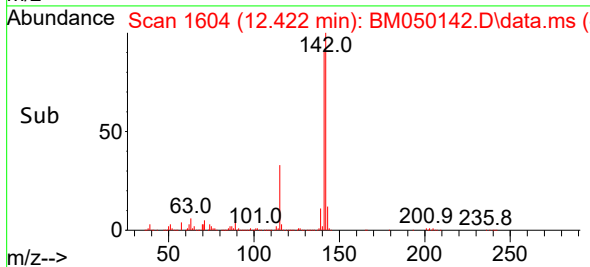
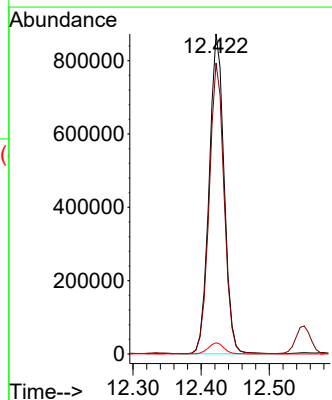
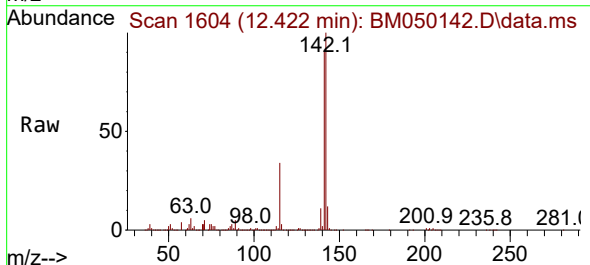
Tgt Ion:142 Resp: 1330659

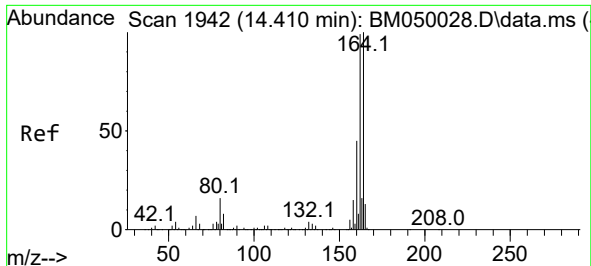
Ion Ratio Lower Upper

142 100

141 90.9 72.1 108.1

116 3.5 2.7 4.1

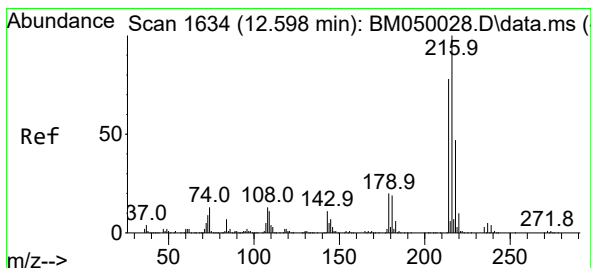
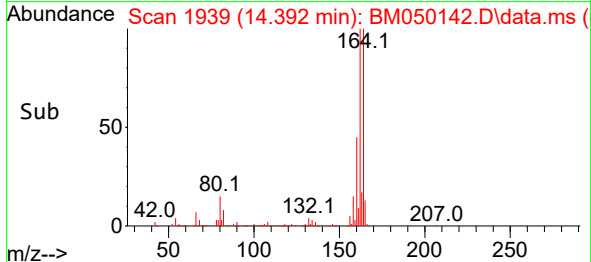
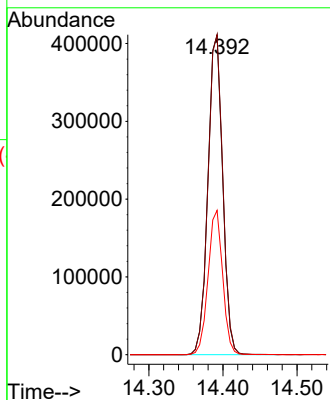
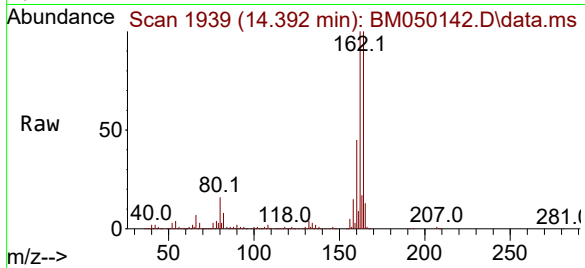




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

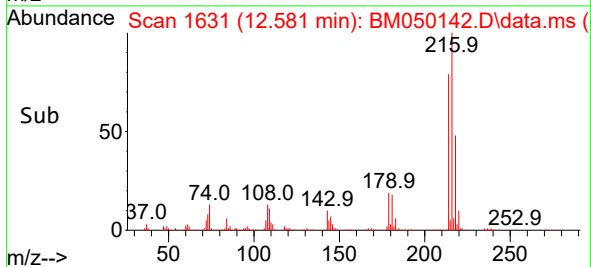
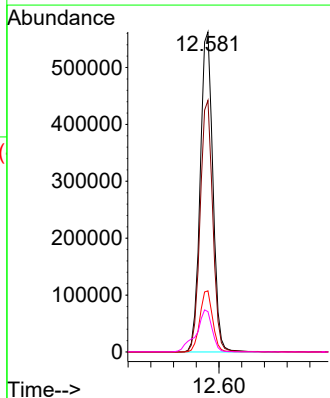
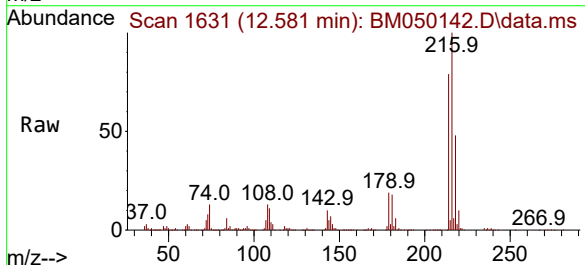
Instrument :
BNA_M
ClientSampleId :
PB167889BS

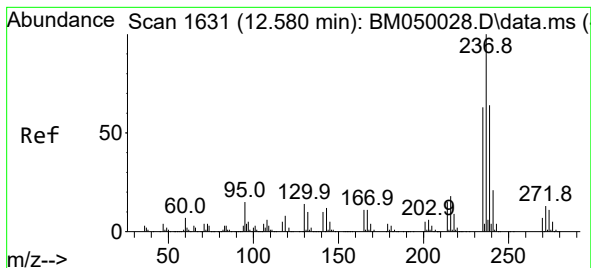
Tgt Ion:164 Resp: 568093
Ion Ratio Lower Upper
164 100
162 100.1 79.4 119.0
160 45.2 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.227 ng
RT: 12.581 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:216 Resp: 869756
Ion Ratio Lower Upper
216 100
214 78.2 62.3 93.5
179 19.4 15.4 23.0
108 16.7 11.7 17.5

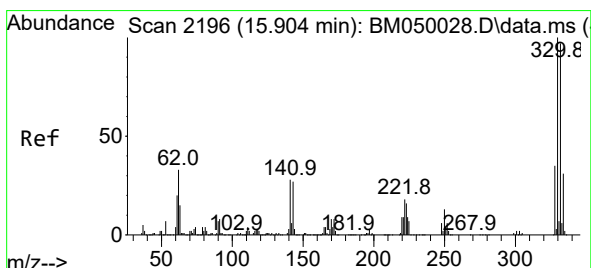
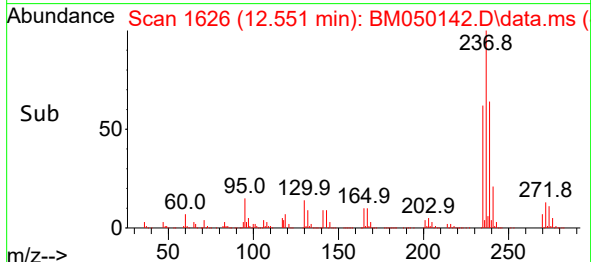
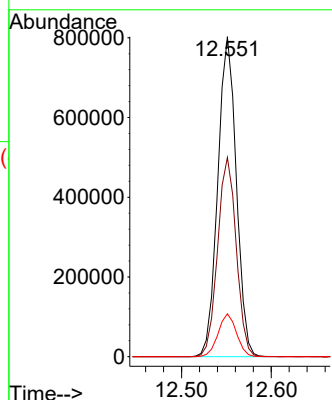
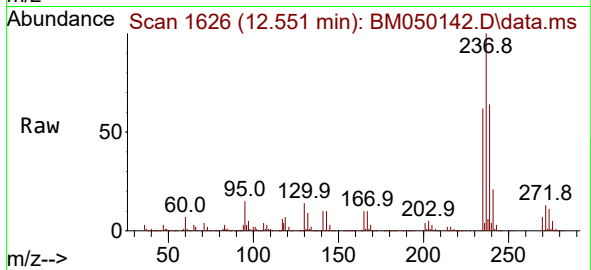




#41
Hexachlorocyclopentadiene
Concen: 95.780 ng
RT: 12.551 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

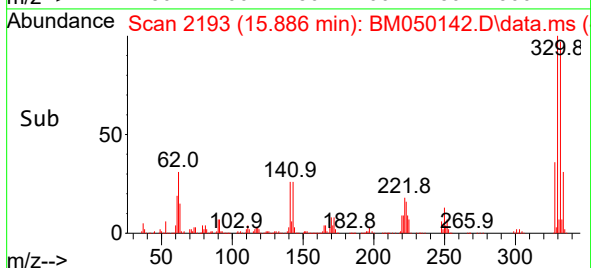
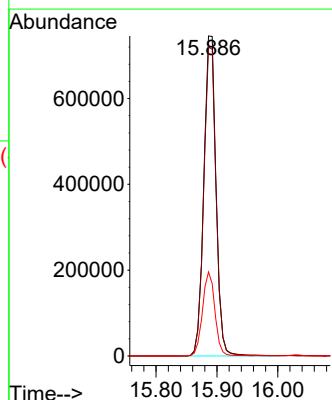
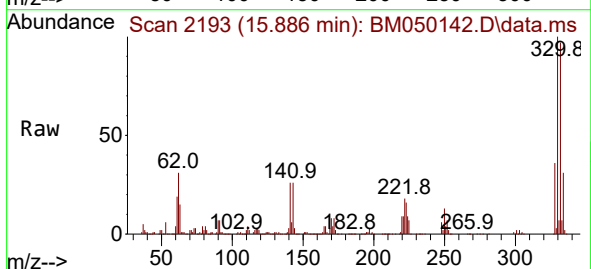
Instrument :
BNA_M
ClientSampleId :
PB167889BS

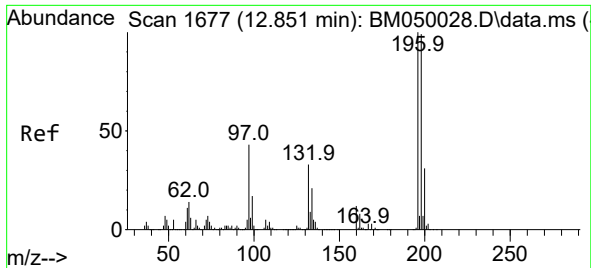
Tgt Ion:237 Resp: 1151100
Ion Ratio Lower Upper
237 100
235 62.3 42.9 82.9
272 13.4 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 124.237 ng
RT: 15.886 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:330 Resp: 1043589
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 26.6 22.5 33.7

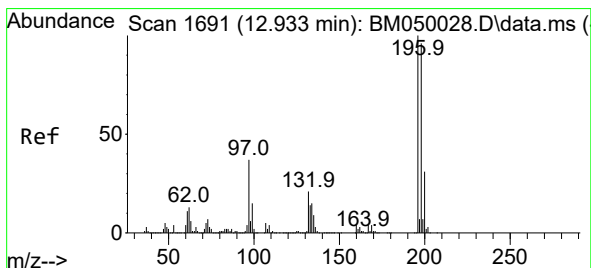
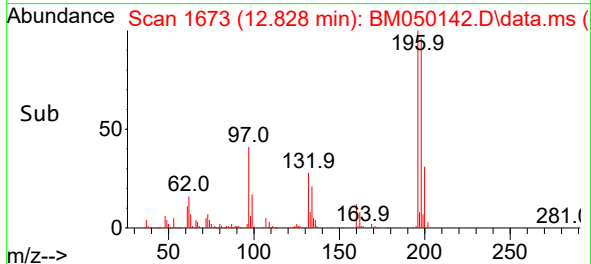
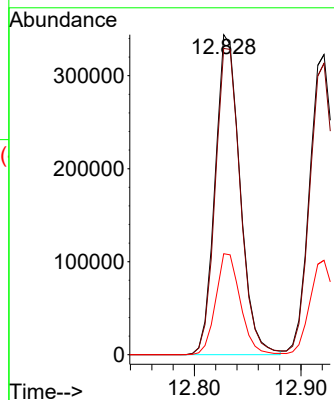
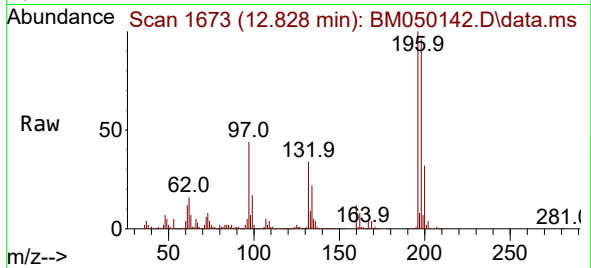




#43
 2,4,6-Trichlorophenol
 Concen: 44.808 ng
 RT: 12.828 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BM050142.D
 Acq: 08 May 2025 12:00

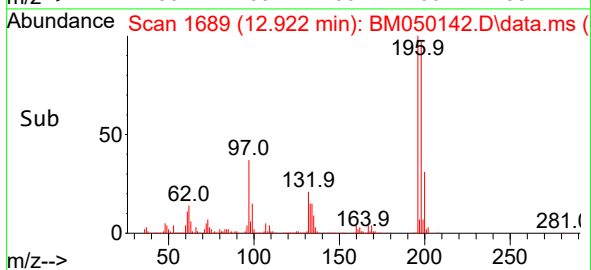
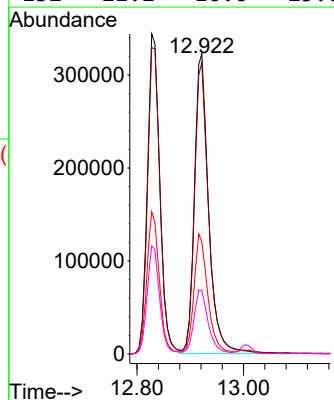
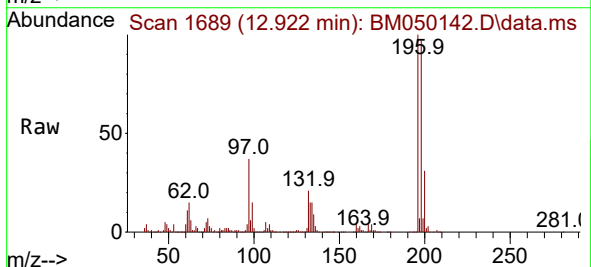
Instrument :
 BNA_M
 ClientSampleId :
 PB167889BS

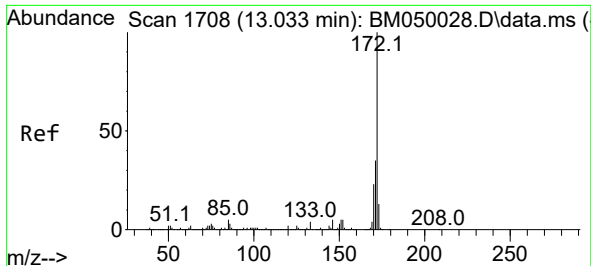
Tgt Ion:196 Resp: 558909
 Ion Ratio Lower Upper
 196 100
 198 95.7 79.0 118.6
 200 31.5 25.1 37.7



#44
 2,4,5-Trichlorophenol
 Concen: 44.267 ng
 RT: 12.922 min Scan# 1689
 Delta R.T. 0.000 min
 Lab File: BM050142.D
 Acq: 08 May 2025 12:00

Tgt Ion:196 Resp: 595418
 Ion Ratio Lower Upper
 196 100
 198 97.0 76.7 115.1
 97 37.4 30.1 45.1
 132 21.2 16.6 25.0

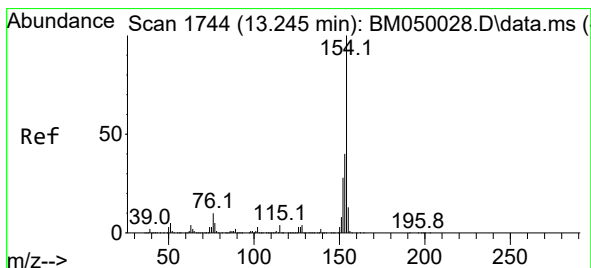
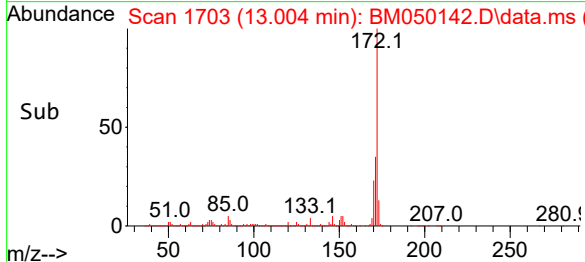
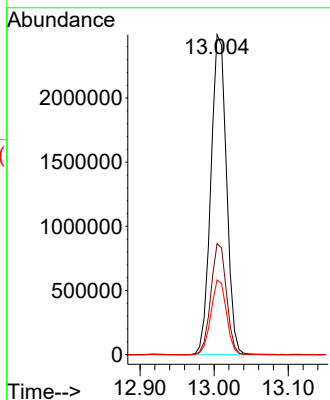
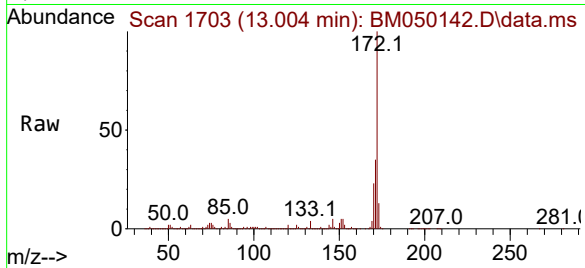




#45
2-Fluorobiphenyl
Concen: 76.087 ng
RT: 13.004 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

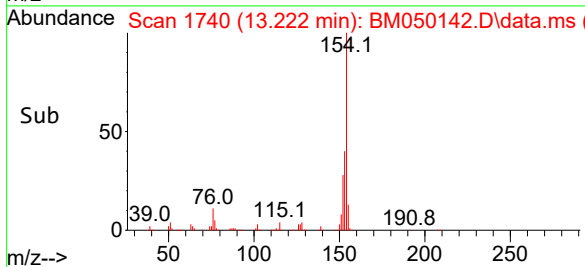
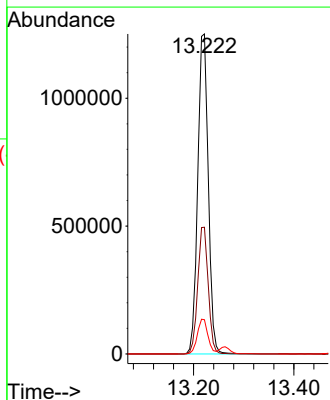
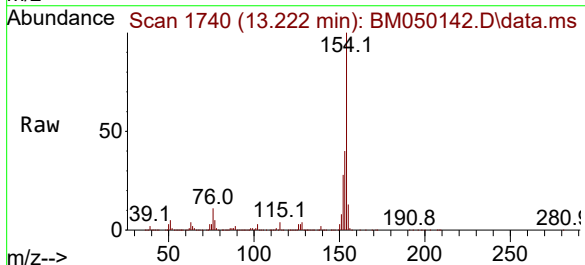
Instrument :
BNA_M
ClientSampleId :
PB167889BS

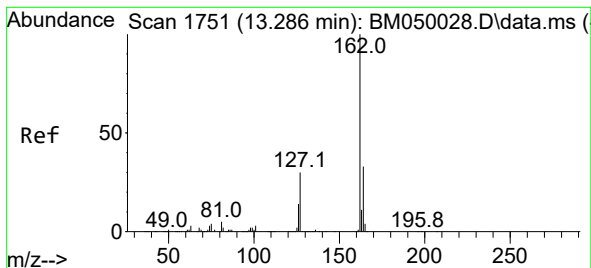
Tgt Ion:172 Resp: 3653835
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 43.196 ng
RT: 13.222 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:154 Resp: 1824120
Ion Ratio Lower Upper
154 100
153 39.6 20.0 60.0
76 10.7 0.0 30.3

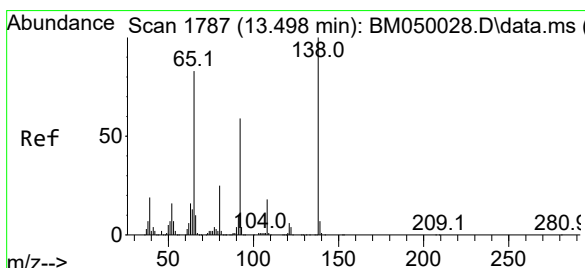
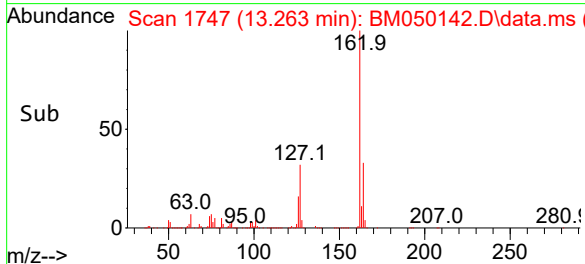
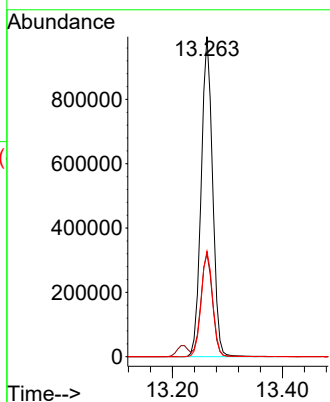
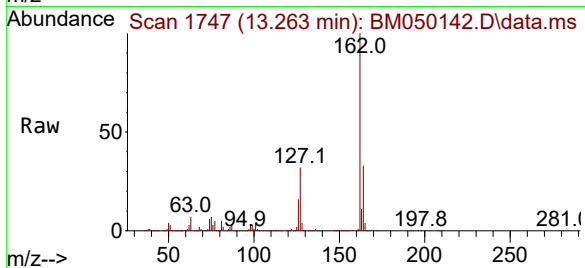




#47
2-Chloronaphthalene
Concen: 42.925 ng
RT: 13.263 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

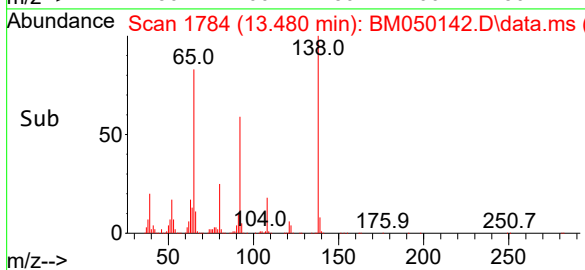
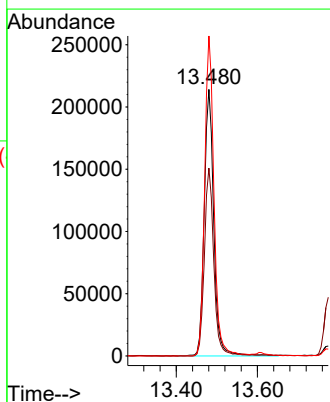
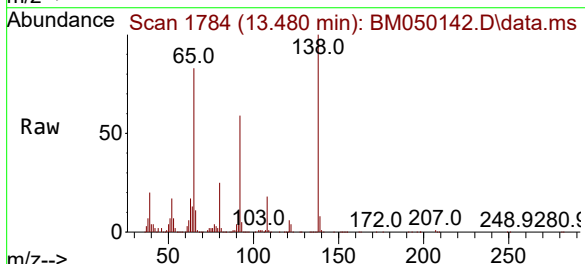
Instrument :
BNA_M
ClientSampleId :
PB167889BS

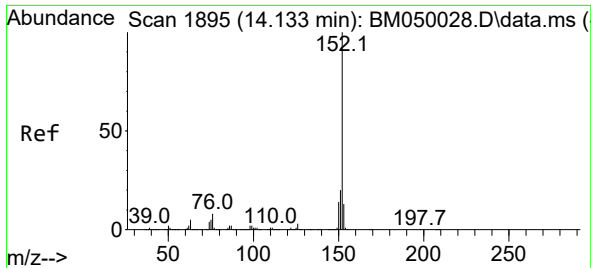
Tgt Ion:162 Resp: 1435664
Ion Ratio Lower Upper
162 100
127 32.2 25.9 38.9
164 33.0 26.6 40.0



#48
2-Nitroaniline
Concen: 44.692 ng
RT: 13.480 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion: 65 Resp: 350822
Ion Ratio Lower Upper
65 100
92 70.5 57.1 85.7
138 120.0 97.0 145.4

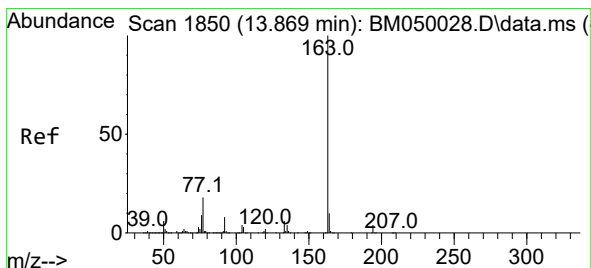
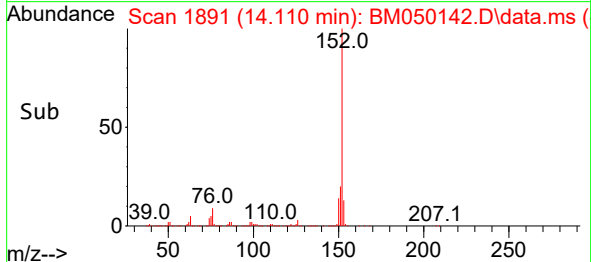
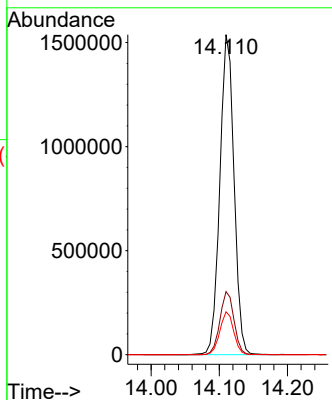
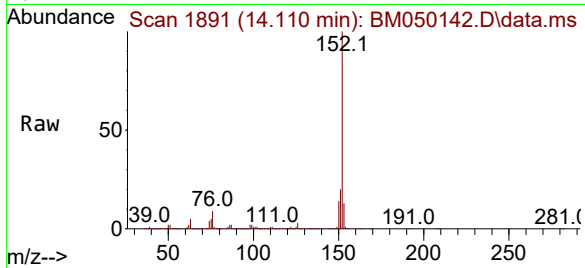




#49
Acenaphthylene
Concen: 42.274 ng
RT: 14.110 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

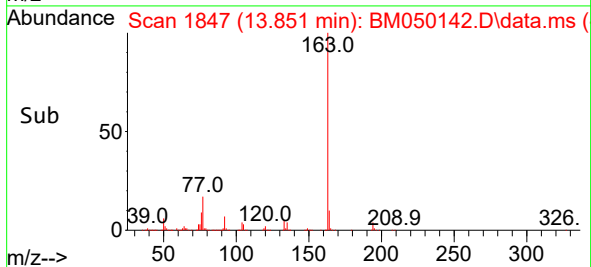
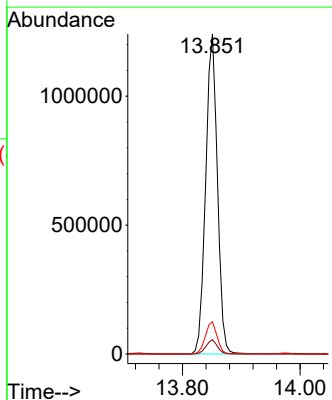
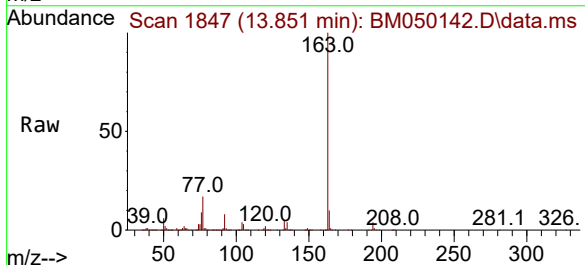
Instrument :
BNA_M
ClientSampleId :
PB167889BS

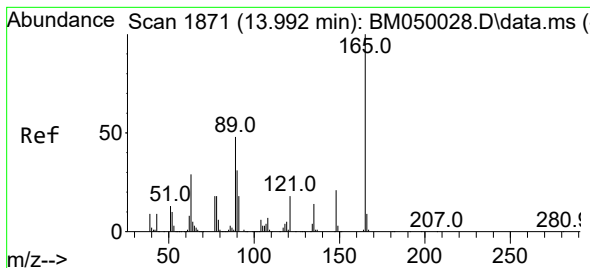
Tgt Ion:152 Resp: 2229269
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.4 10.6 15.8



#50
Dimethylphthalate
Concen: 41.219 ng
RT: 13.851 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:163 Resp: 1711305
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.0 8.2 12.2

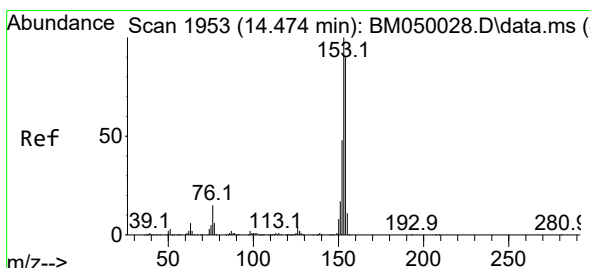
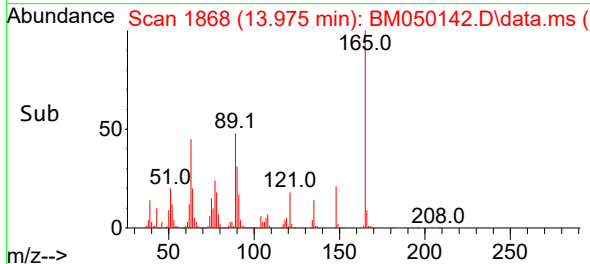
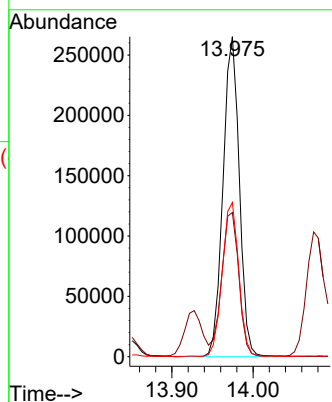
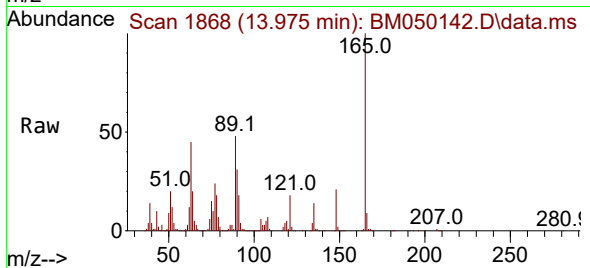




#51
2,6-Dinitrotoluene
Concen: 43.131 ng
RT: 13.975 min Scan# 1868
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

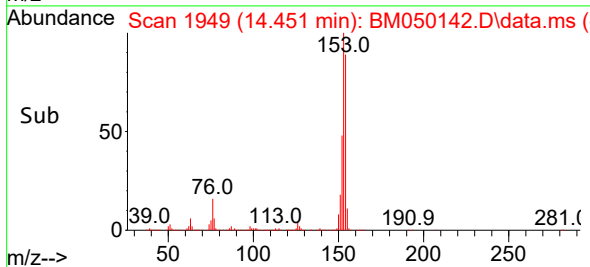
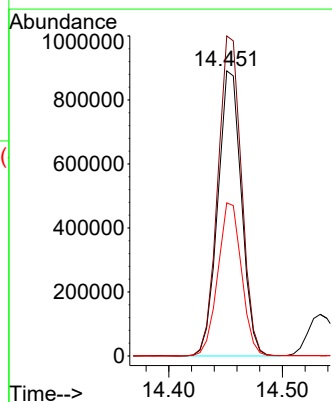
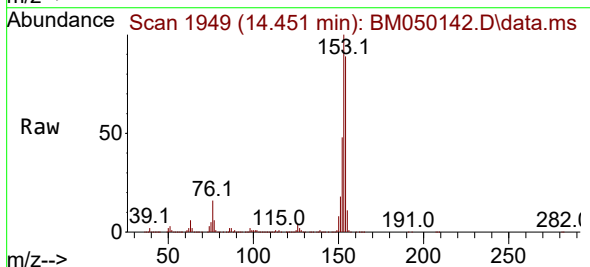
Instrument :
BNA_M
ClientSampleId :
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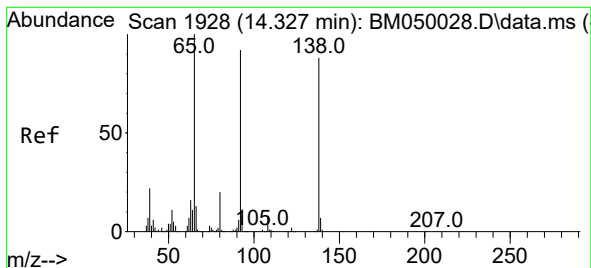
Tgt Ion:165 Resp: 370744
Ion Ratio Lower Upper
165 100
63 45.1 35.1 52.7
89 48.2 38.4 57.6



#52
Acenaphthene
Concen: 42.149 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:154 Resp: 1286566
Ion Ratio Lower Upper
154 100
153 112.2 89.0 133.4
152 53.7 43.0 64.6

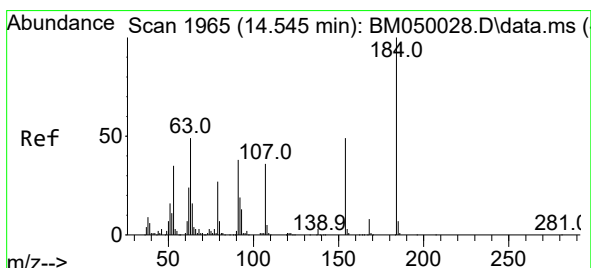
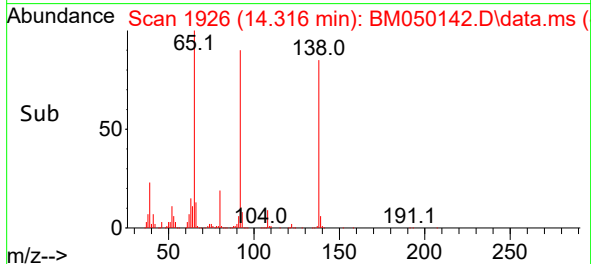
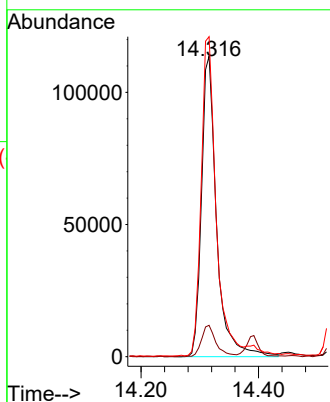
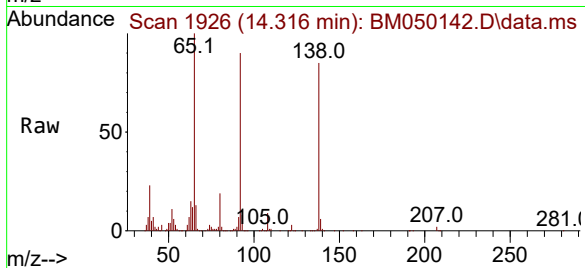




#53
3-Nitroaniline
Concen: 24.793 ng
RT: 14.316 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

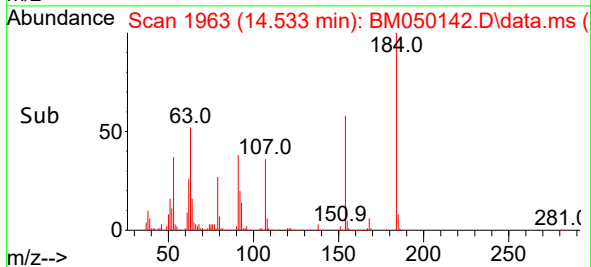
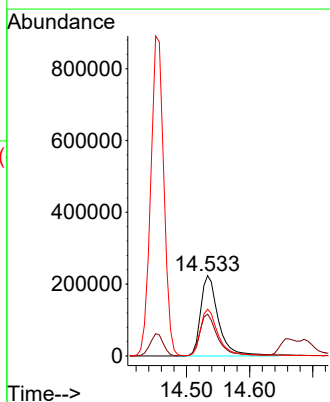
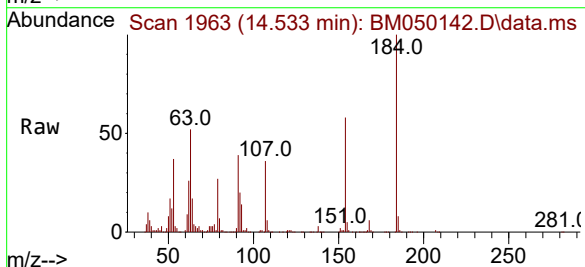
Instrument :
BNA_M
ClientSampleId :
PB167889BS

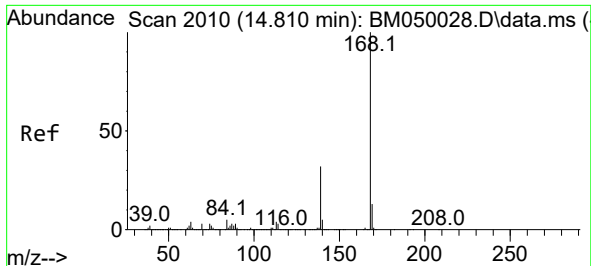
Tgt Ion:138 Resp: 203467
Ion Ratio Lower Upper
138 100
108 10.4 7.4 11.2
92 106.5 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 79.596 ng
RT: 14.533 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:184 Resp: 437692
Ion Ratio Lower Upper
184 100
63 51.9 39.8 59.6
154 58.0 46.1 69.1

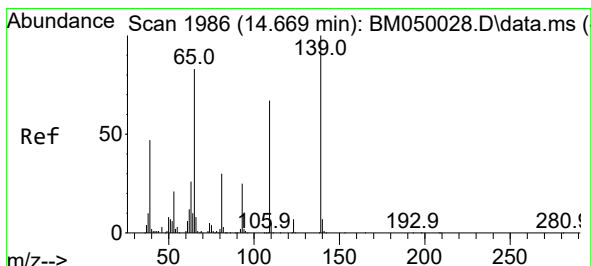
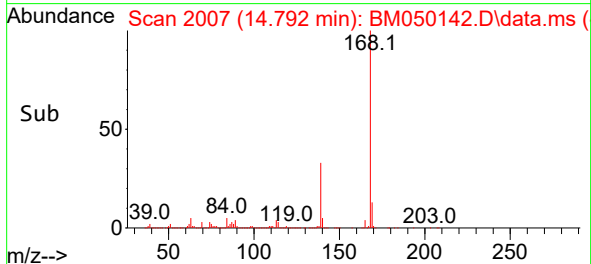
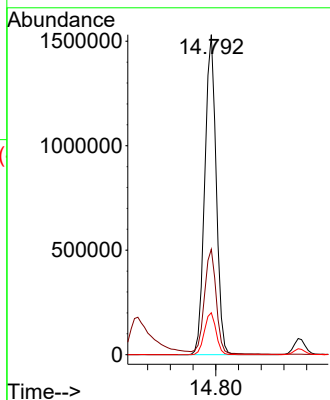
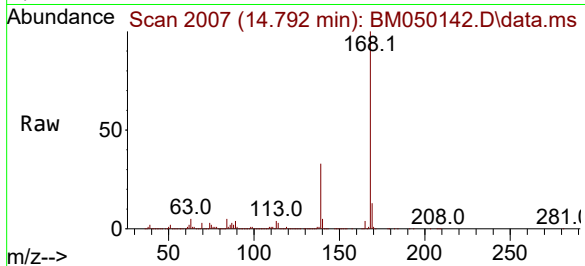




#55
Dibenzenofuran
Concen: 41.776 ng
RT: 14.792 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

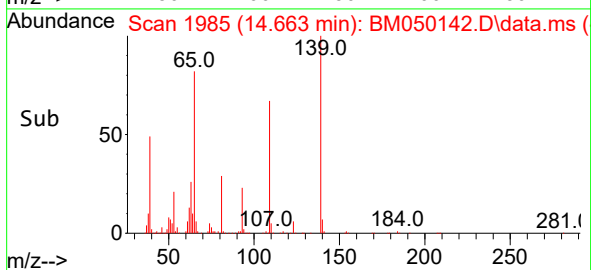
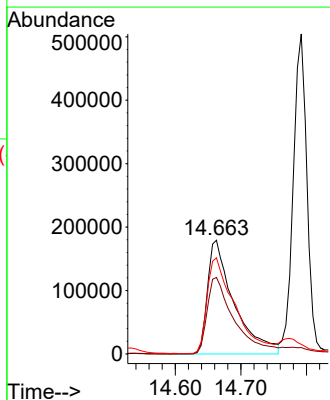
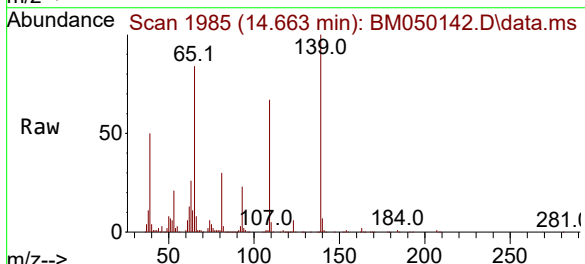
Instrument :
BNA_M
ClientSampleId :
PB167889BS

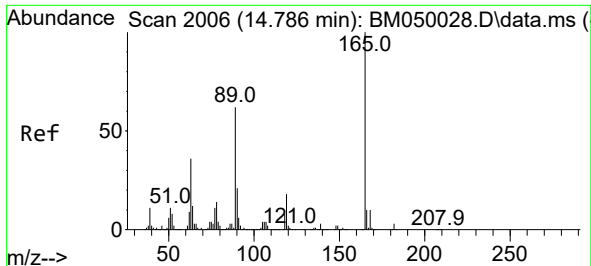
Tgt Ion:168 Resp: 2121632
Ion Ratio Lower Upper
168 100
139 32.9 26.1 39.1
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 75.740 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:139 Resp: 503968
Ion Ratio Lower Upper
139 100
109 67.2 47.0 87.0
65 84.5 64.3 104.3

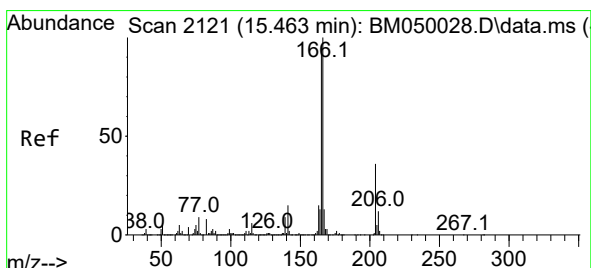
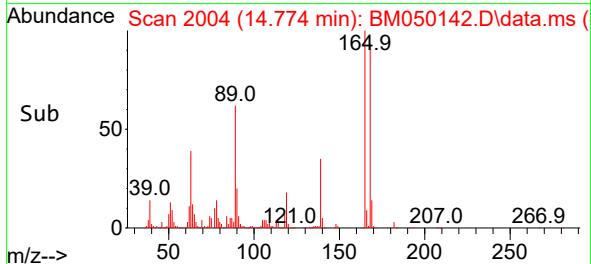
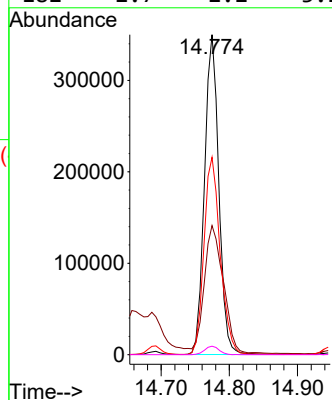
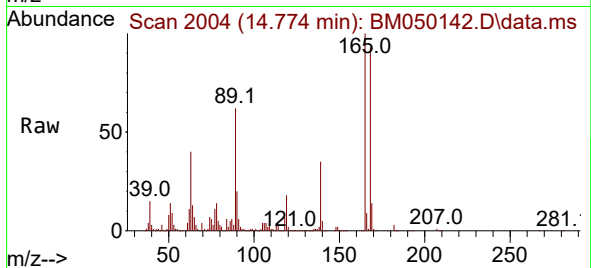




#57
2,4-Dinitrotoluene
Concen: 42.882 ng
RT: 14.774 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

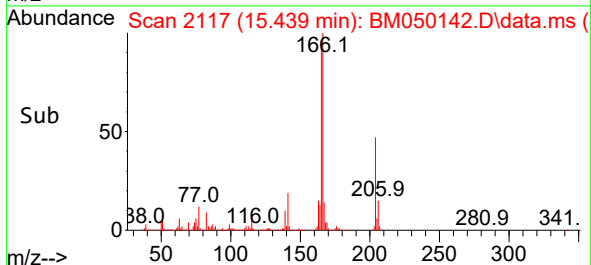
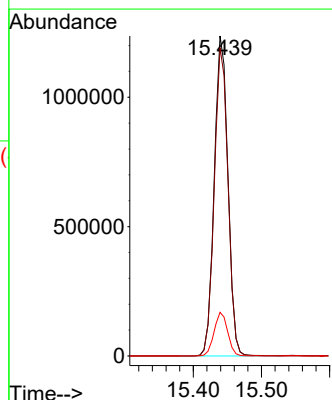
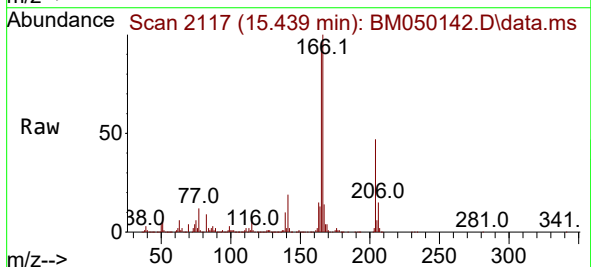
Instrument :
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ClientSampleId :
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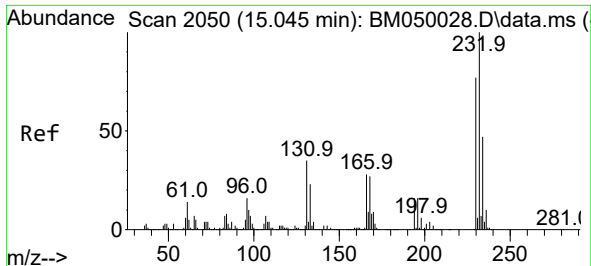
Tgt Ion:165 Resp: 509344
Ion Ratio Lower Upper
165 100
63 40.4 29.0 43.6
89 61.7 49.4 74.2
182 2.7 2.2 3.2



#58
Fluorene
Concen: 41.605 ng
RT: 15.439 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:166 Resp: 1729486
Ion Ratio Lower Upper
166 100
165 96.4 76.6 115.0
167 13.7 10.6 16.0

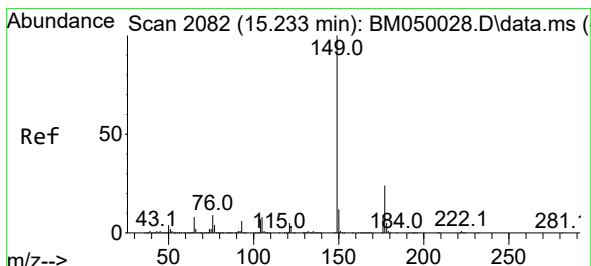
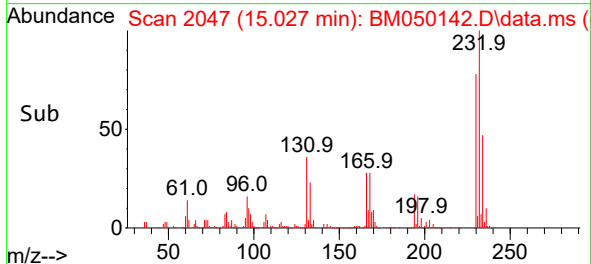
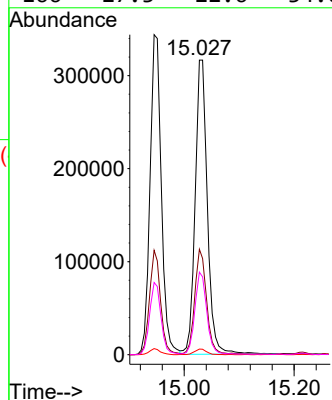
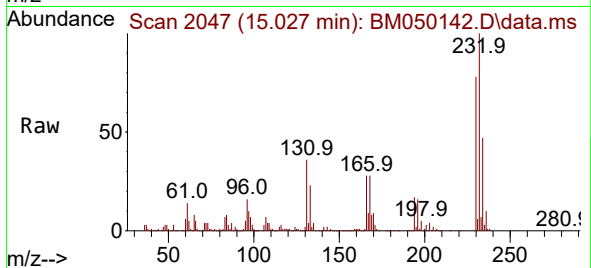




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.860 ng
RT: 15.027 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

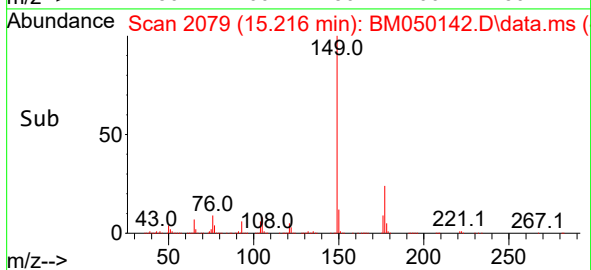
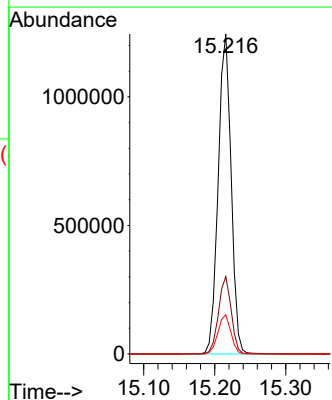
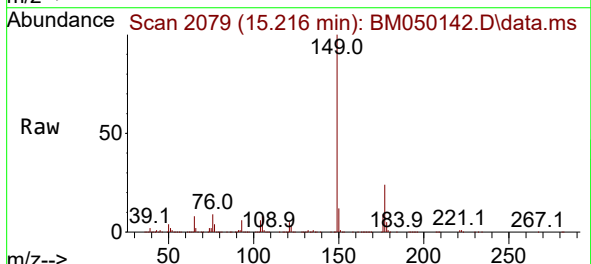
Instrument :
BNA_M
ClientSampleId :
PB167889BS

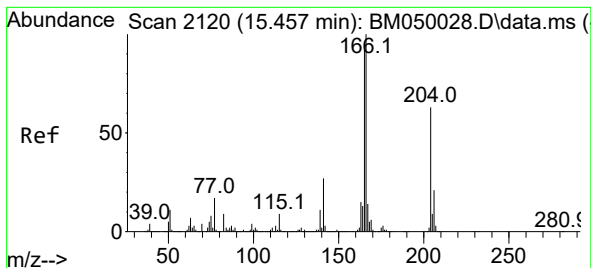
Tgt Ion:232 Resp: 487372
Ion Ratio Lower Upper
232 100
131 34.8 28.2 42.4
130 1.9 1.5 2.3
166 27.3 22.6 34.0



#60
Diethylphthalate
Concen: 40.024 ng
RT: 15.216 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:149 Resp: 1565730
Ion Ratio Lower Upper
149 100
177 24.2 19.1 28.7
150 12.2 9.6 14.4

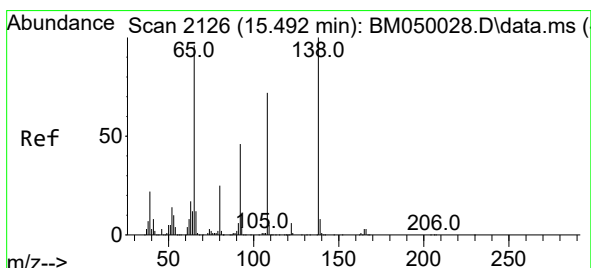
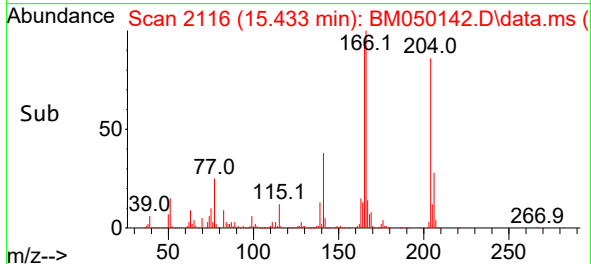
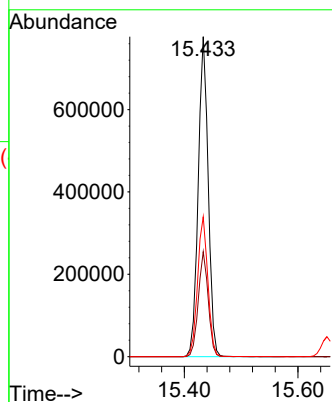
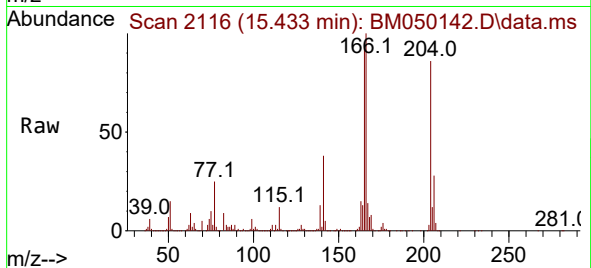




#61
4-Chlorophenyl-phenylether
Concen: 41.722 ng
RT: 15.433 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

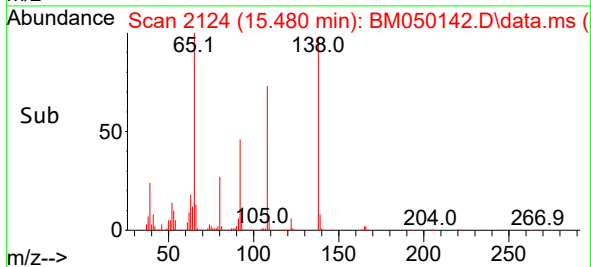
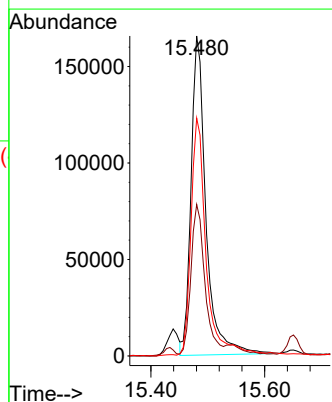
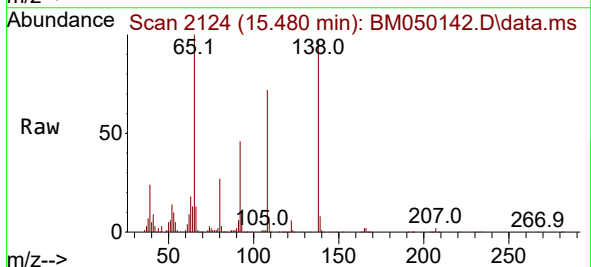
Instrument :
BNA_M
ClientSampleId :
PB167889BS

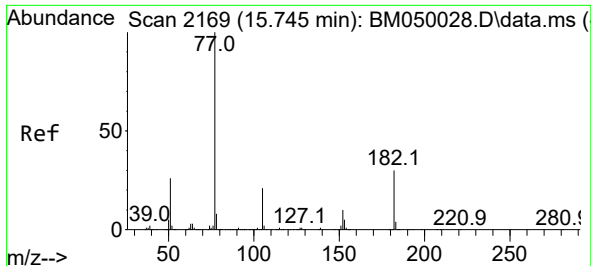
Tgt Ion:204 Resp: 952609
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 43.7 34.0 51.0



#62
4-Nitroaniline
Concen: 37.978 ng
RT: 15.480 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:138 Resp: 300705
Ion Ratio Lower Upper
138 100
92 47.4 25.9 65.9
108 74.4 52.4 92.4



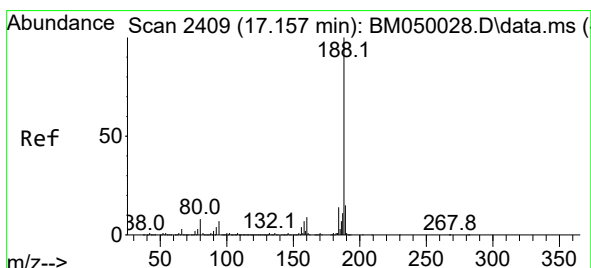
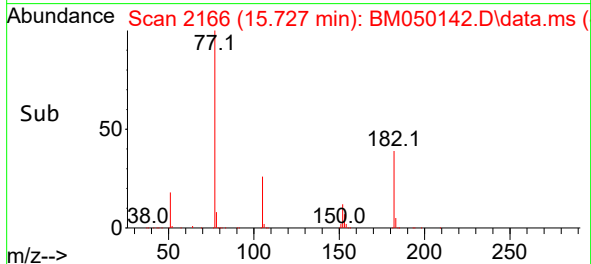
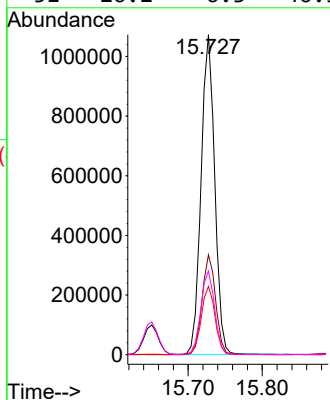
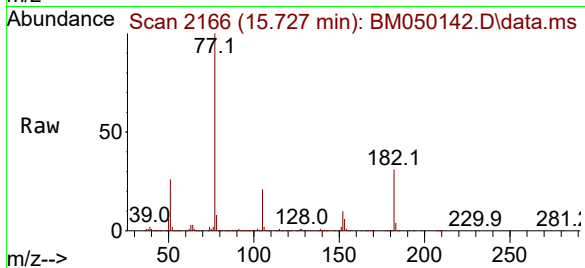


#63
Azobenzene
Concen: 41.712 ng
RT: 15.727 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion: 77 Resp: 1367543

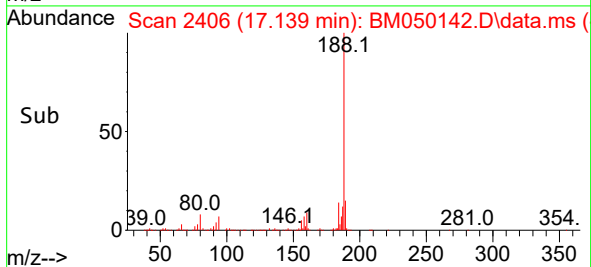
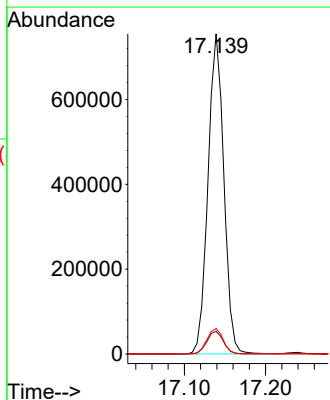
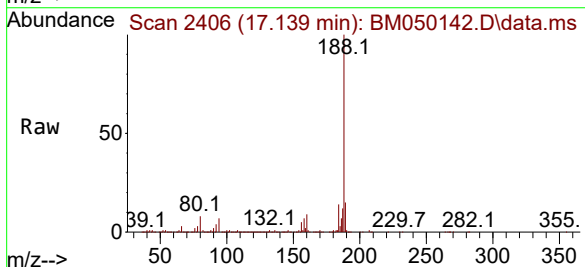
Ion	Ratio	Lower	Upper
77	100		
182	31.2	10.5	50.5
105	21.4	1.1	41.1
51	26.2	6.3	46.3

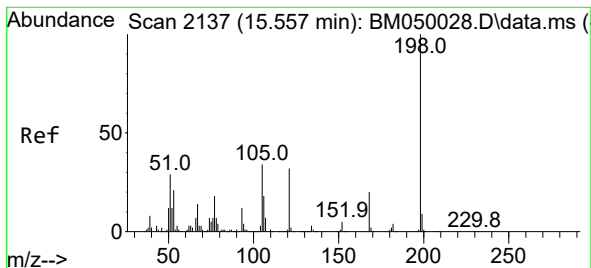


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:188 Resp: 1021174

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.7	8.5
80	8.0	6.2	9.4

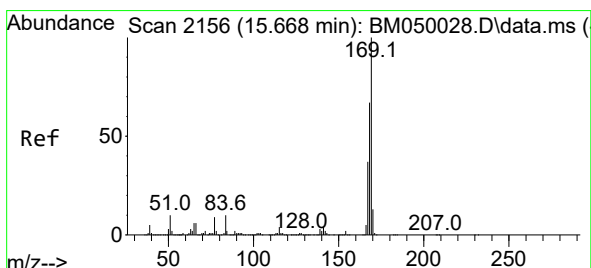
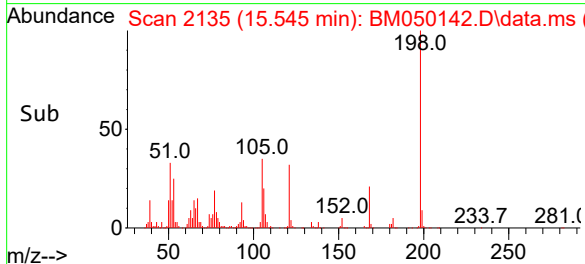
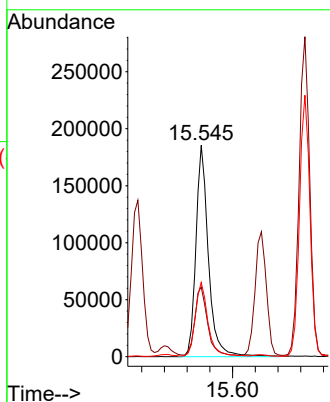
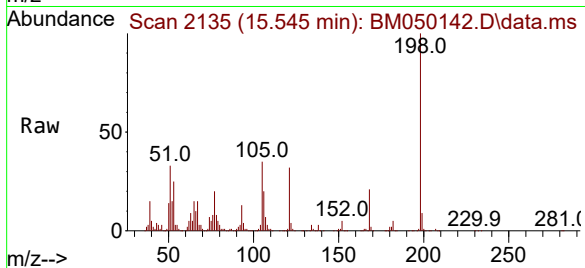




#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.519 ng
 RT: 15.545 min Scan# 2135
 Delta R.T. 0.000 min
 Lab File: BM050142.D
 Acq: 08 May 2025 12:00

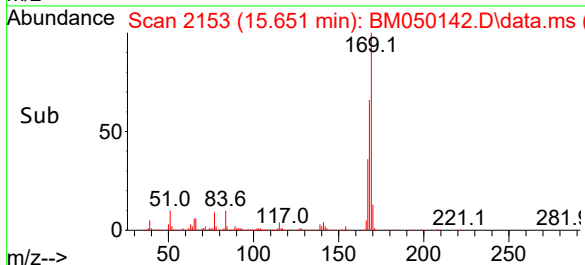
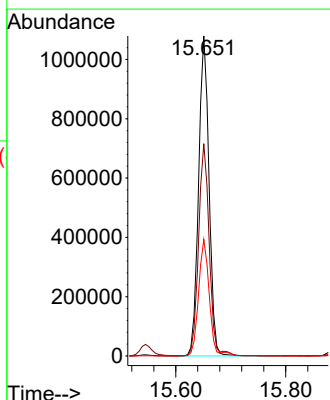
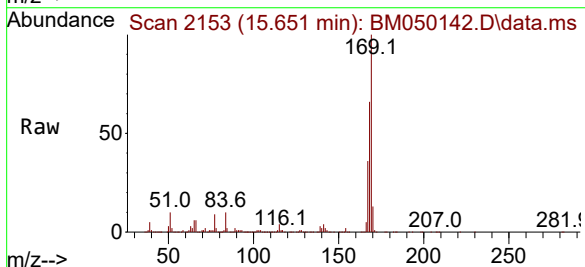
Instrument :
 BNA_M
 ClientSampleId :
 PB167889BS

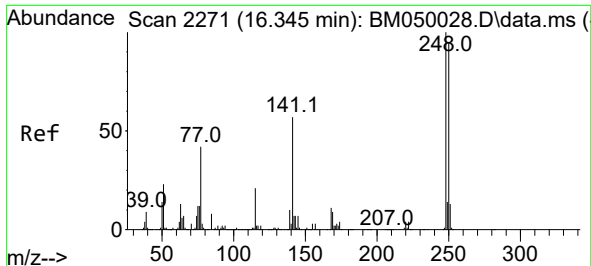
Tgt Ion:198 Resp: 284575
 Ion Ratio Lower Upper
 198 100
 51 33.0 10.4 50.4
 105 35.1 14.6 54.6



#66
 n-Nitrosodiphenylamine
 Concen: 45.517 ng
 RT: 15.651 min Scan# 2153
 Delta R.T. 0.000 min
 Lab File: BM050142.D
 Acq: 08 May 2025 12:00

Tgt Ion:169 Resp: 1427311
 Ion Ratio Lower Upper
 169 100
 168 66.3 53.4 80.2
 167 36.4 29.4 44.0

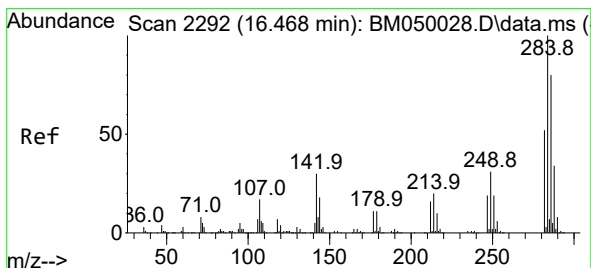
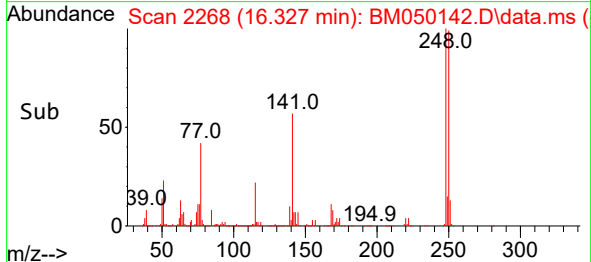
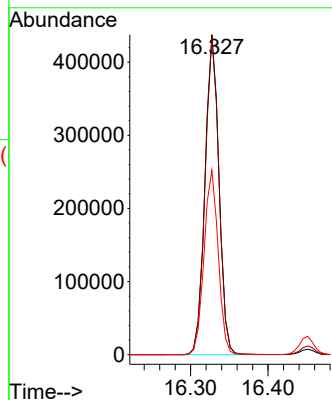
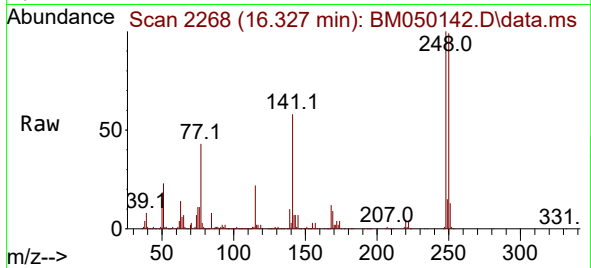




#67
4-Bromophenyl-phenylether
Concen: 44.332 ng
RT: 16.327 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

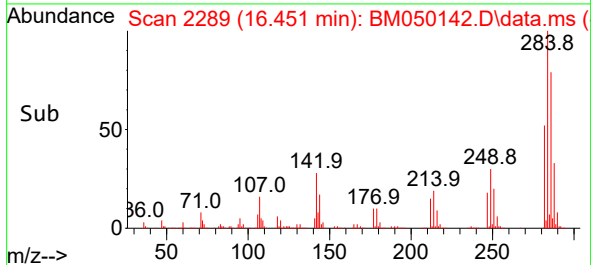
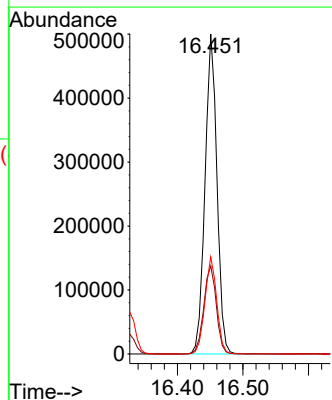
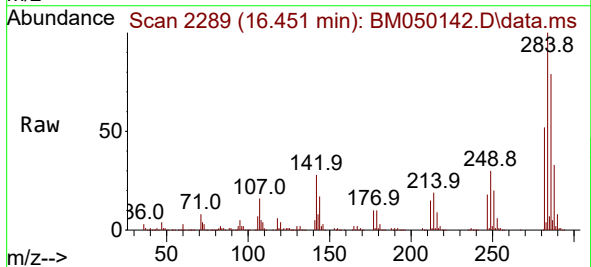
Instrument :
BNA_M
ClientSampleId :
PB167889BS

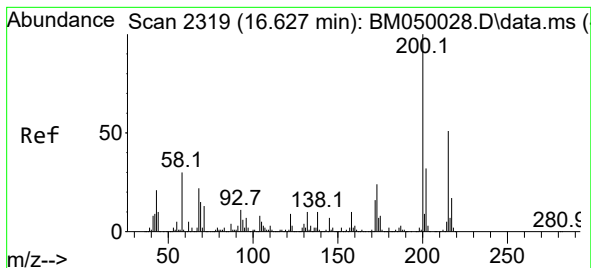
Tgt Ion:248 Resp: 547445
Ion Ratio Lower Upper
248 100
250 99.4 76.2 114.2
141 57.6 45.9 68.9



#68
Hexachlorobenzene
Concen: 44.477 ng
RT: 16.451 min Scan# 2289
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:284 Resp: 633103
Ion Ratio Lower Upper
284 100
142 27.5 23.9 35.9
249 30.4 24.5 36.7





#69

Atrazine

Concen: 43.652 ng

RT: 16.610 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

Instrument :

BNA_M

ClientSampleId :

PB167889BS

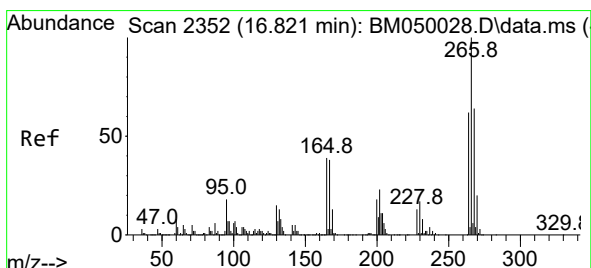
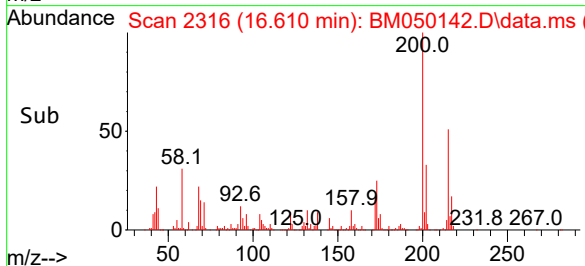
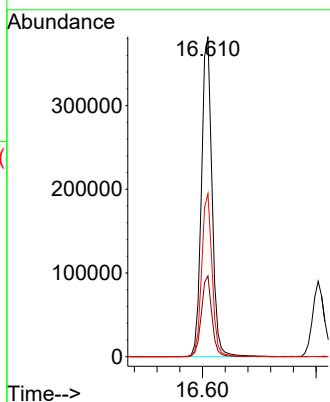
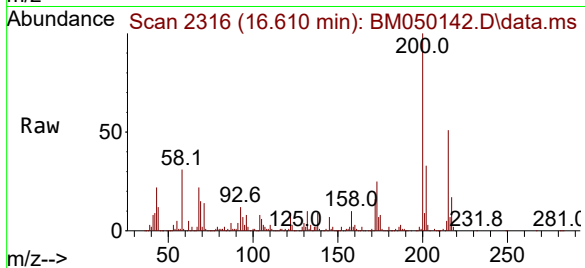
Tgt Ion:200 Resp: 493748

Ion Ratio Lower Upper

200 100

173 25.2 4.3 44.3

215 50.9 30.6 70.6



#70

Pentachlorophenol

Concen: 95.939 ng

RT: 16.804 min Scan# 2349

Delta R.T. -0.006 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

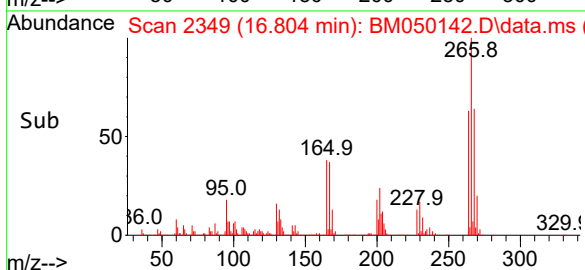
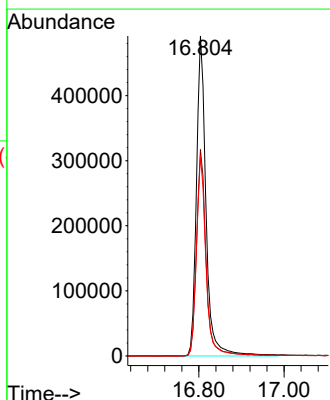
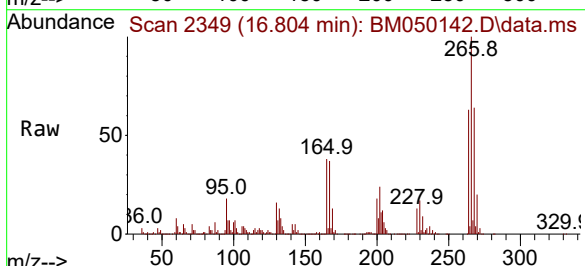
Tgt Ion:266 Resp: 768709

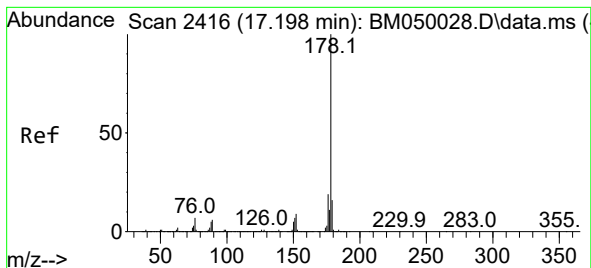
Ion Ratio Lower Upper

266 100

268 64.5 51.2 76.8

264 62.8 49.6 74.4





#71

Phenanthrene

Concen: 43.156 ng

RT: 17.180 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

Instrument :

BNA_M

ClientSampleId :

PB167889BS

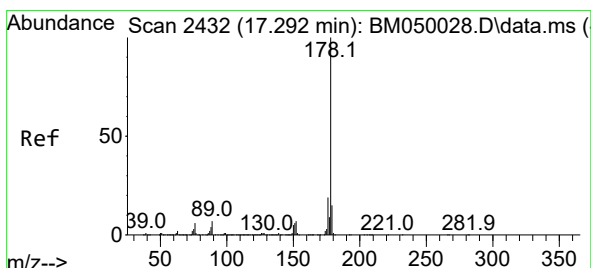
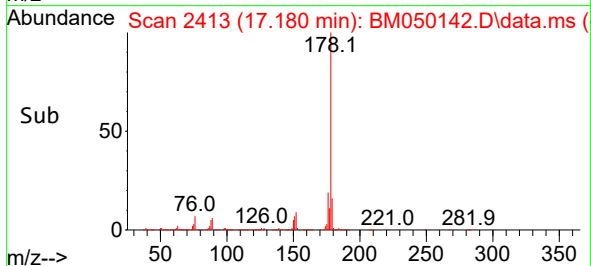
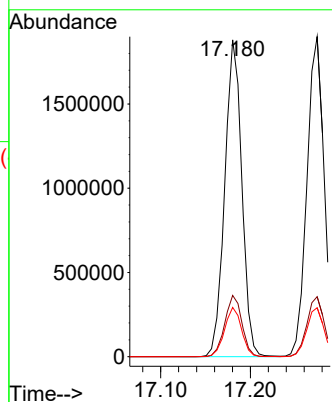
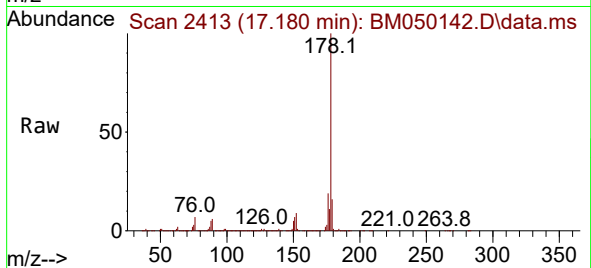
Tgt Ion:178 Resp: 2485581

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 15.6 12.4 18.6



#72

Anthracene

Concen: 43.905 ng

RT: 17.274 min Scan# 2429

Delta R.T. 0.000 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

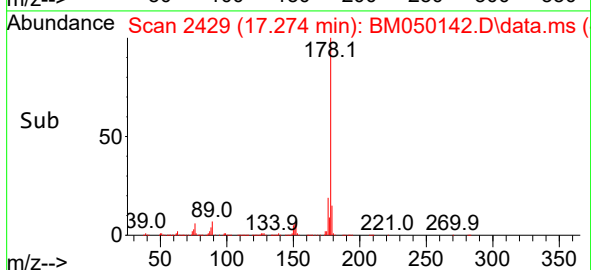
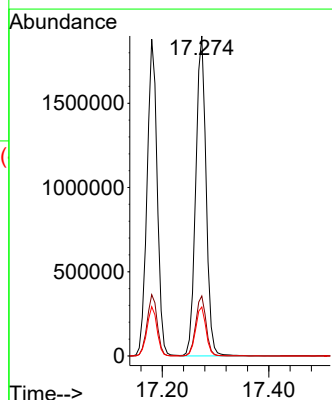
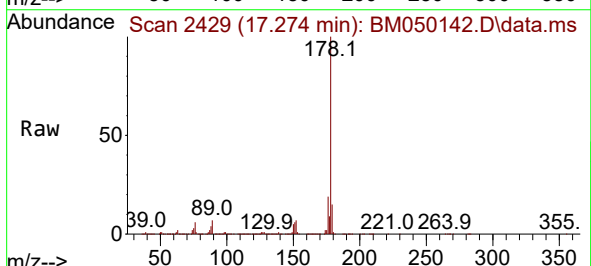
Tgt Ion:178 Resp: 2559025

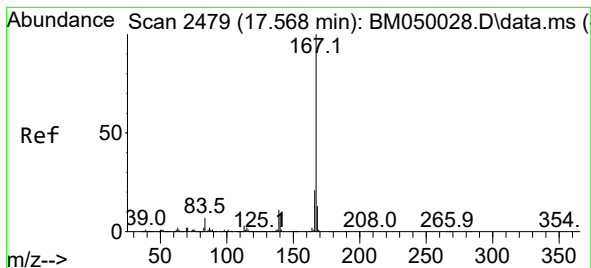
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.3 12.2 18.4





#73

Carbazole

Concen: 43.271 ng

RT: 17.551 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

Instrument :

BNA_M

ClientSampleId :

PB167889BS

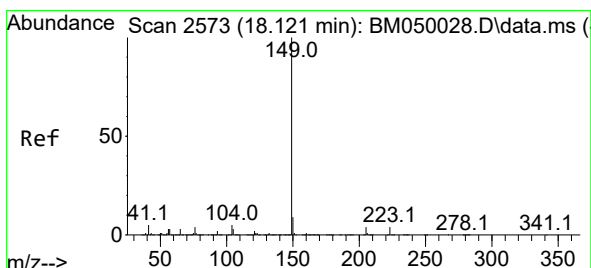
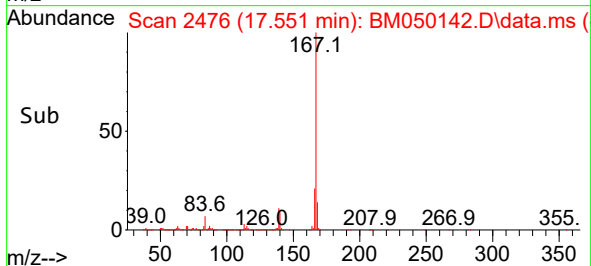
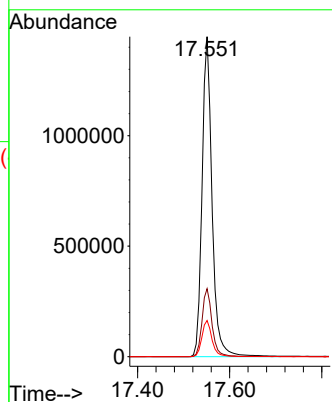
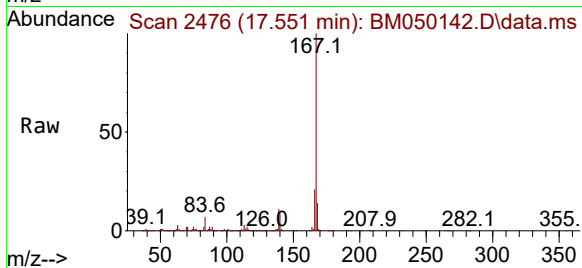
Tgt Ion:167 Resp: 2188535

Ion Ratio Lower Upper

167 100

166 21.2 17.2 25.8

139 11.3 9.0 13.6



#74

Di-n-butylphthalate

Concen: 42.636 ng

RT: 18.104 min Scan# 2570

Delta R.T. 0.000 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

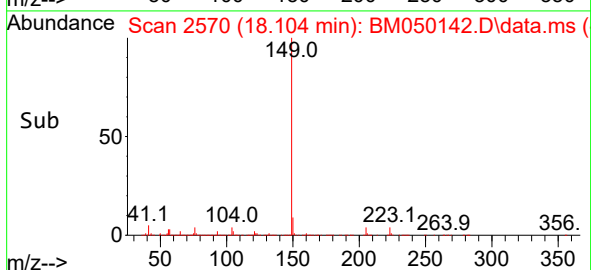
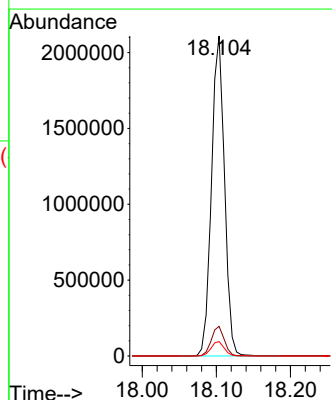
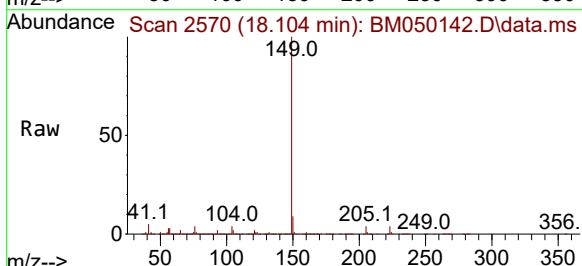
Tgt Ion:149 Resp: 2568048

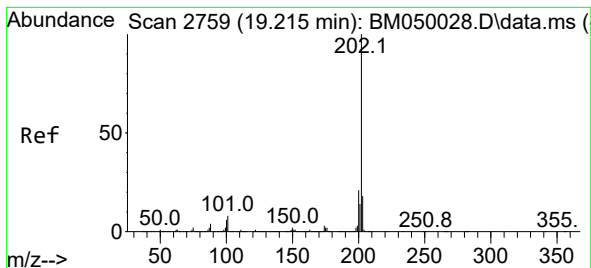
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 4.5 3.8 5.6





#75

Fluoranthene

Concen: 42.375 ng

RT: 19.204 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

Instrument :

BNA_M

ClientSampleId :

PB167889BS

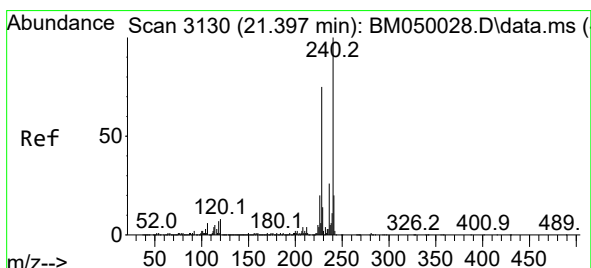
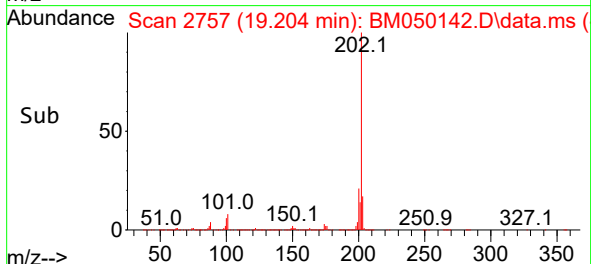
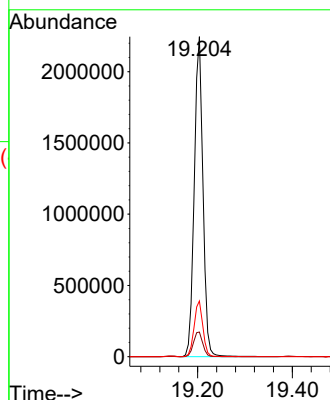
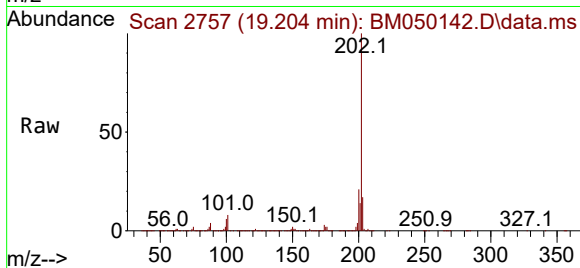
Tgt Ion:202 Resp: 2865387

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: 21.380 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

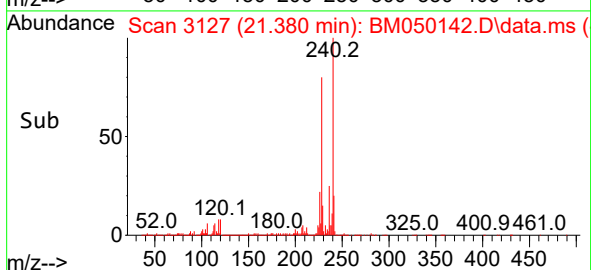
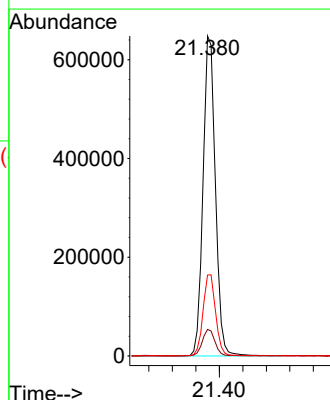
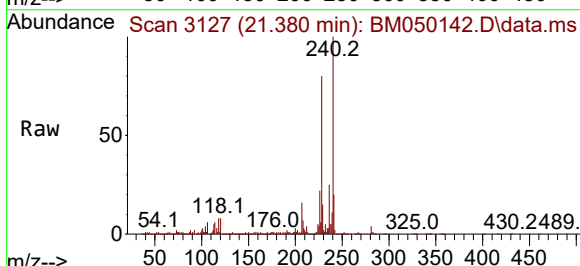
Tgt Ion:240 Resp: 945959

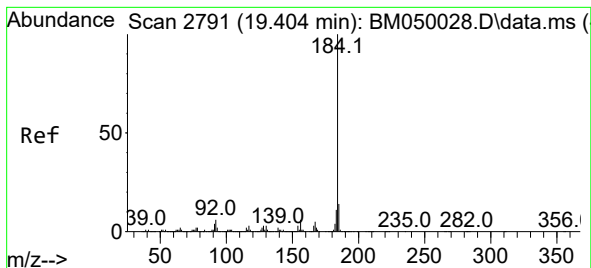
Ion Ratio Lower Upper

240 100

120 8.3 6.5 9.7

236 25.3 20.9 31.3





#77

Benzidine

Concen: 31.741 ng

RT: 19.392 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

Instrument :

BNA_M

ClientSampleId :

PB167889BS

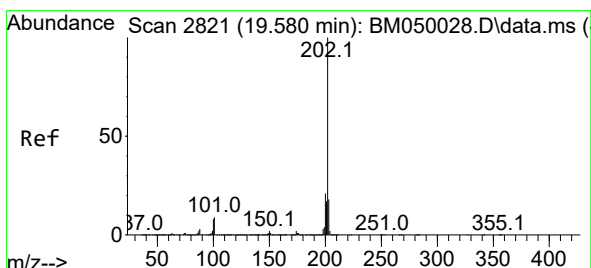
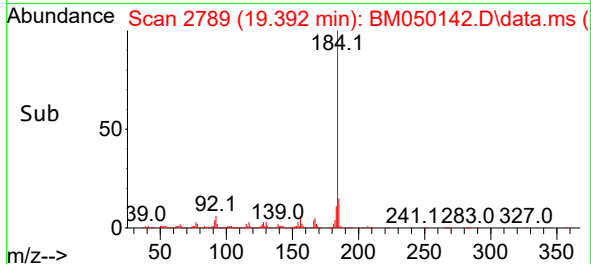
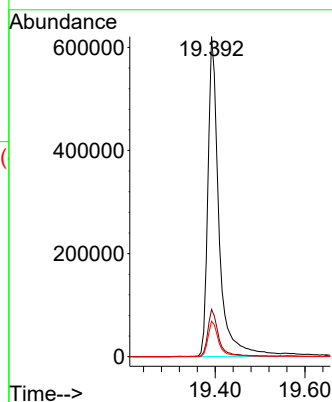
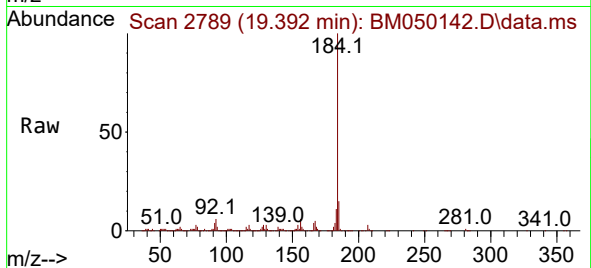
Tgt Ion:184 Resp: 1066546

Ion Ratio Lower Upper

184 100

185 14.8 11.5 17.3

183 11.1 8.9 13.3



#78

Pyrene

Concen: 44.046 ng

RT: 19.568 min Scan# 2819

Delta R.T. 0.000 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

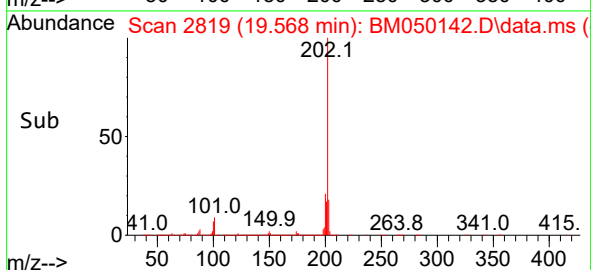
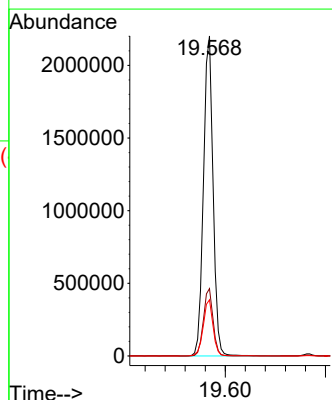
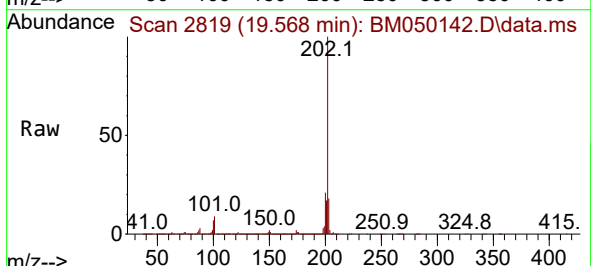
Tgt Ion:202 Resp: 2925918

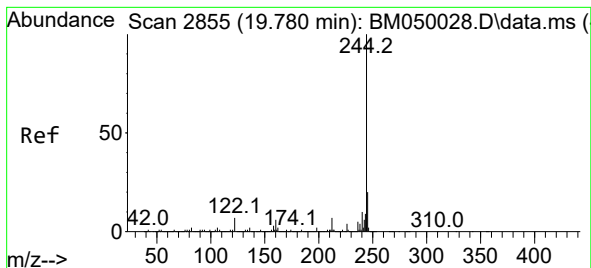
Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 79.216 ng

RT: 19.768 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

Instrument :

BNA_M

ClientSampleId :

PB167889BS

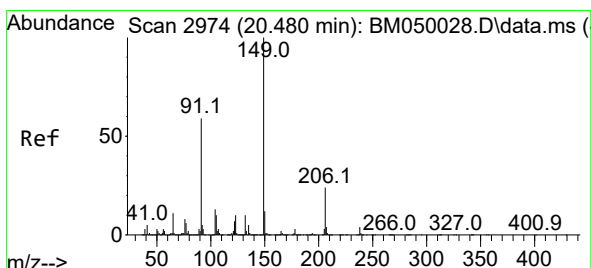
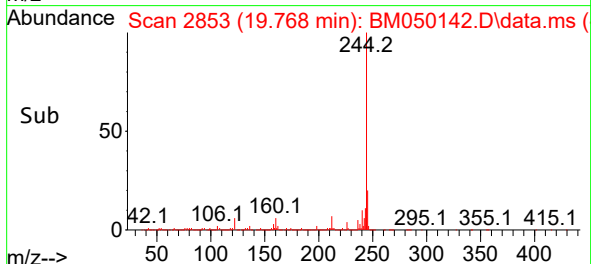
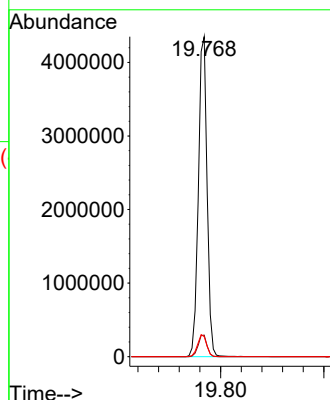
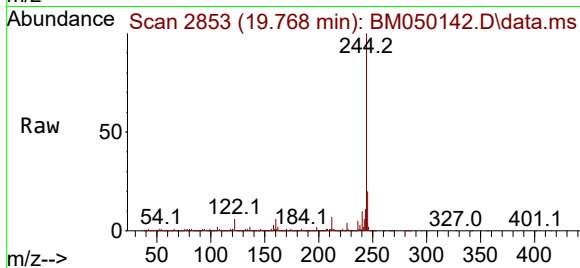
Tgt Ion:244 Resp: 5064085

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 6.3 5.6 8.4



#80

Butylbenzylphthalate

Concen: 43.828 ng

RT: 20.462 min Scan# 2971

Delta R.T. 0.000 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

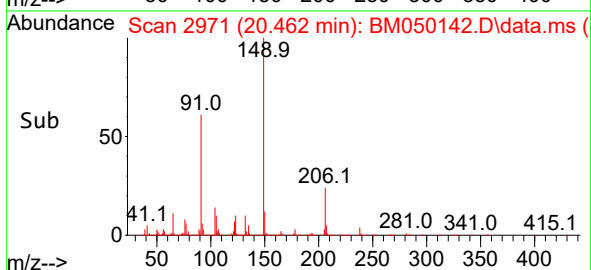
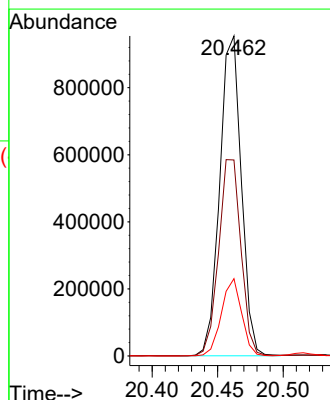
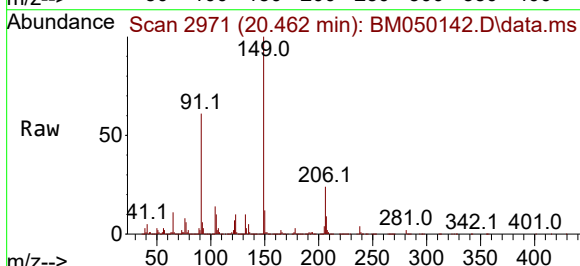
Tgt Ion:149 Resp: 1090426

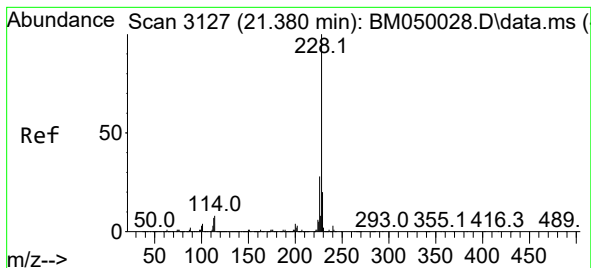
Ion Ratio Lower Upper

149 100

91 61.3 47.4 71.2

206 24.1 19.4 29.0





#81

Benzo(a)anthracene

Concen: 43.751 ng

RT: 21.362 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

Instrument :

BNA_M

ClientSampleId :

PB167889BS

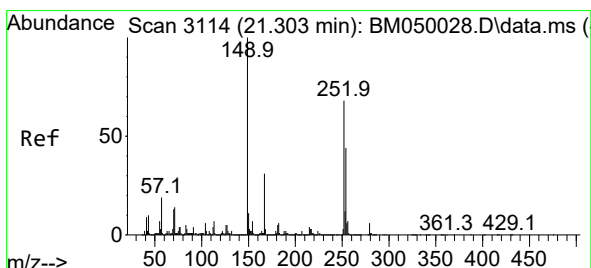
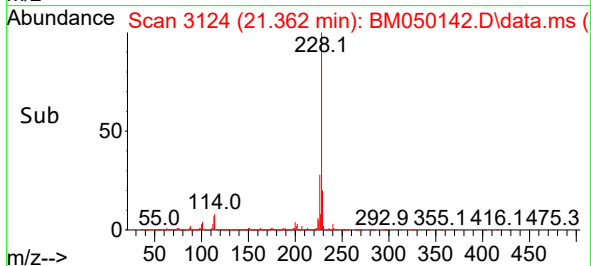
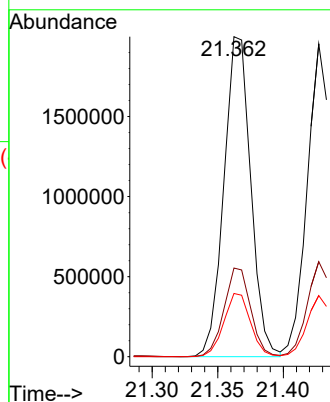
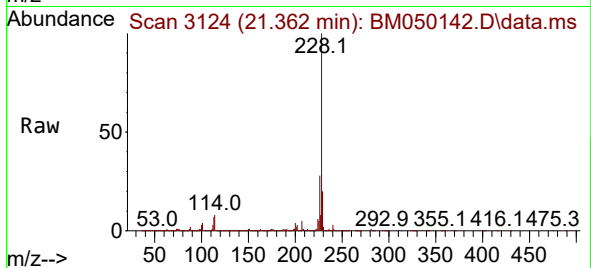
Tgt Ion:228 Resp: 2849979

Ion Ratio Lower Upper

228 100

226 27.7 22.1 33.1

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 24.877 ng

RT: 21.292 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

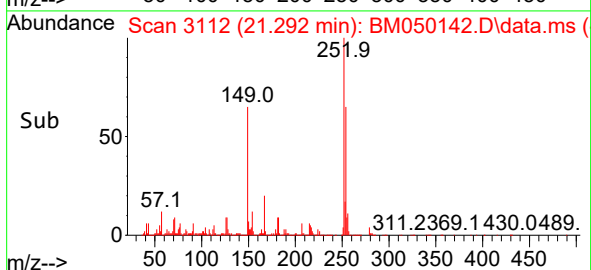
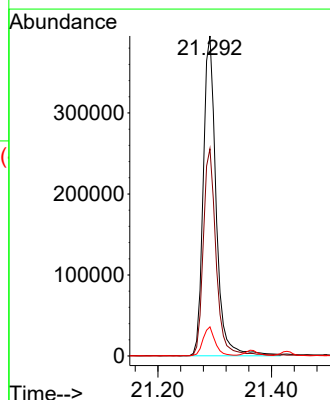
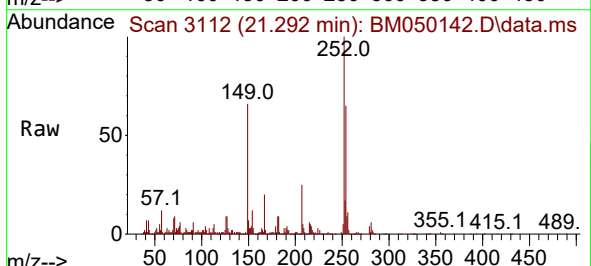
Tgt Ion:252 Resp: 620352

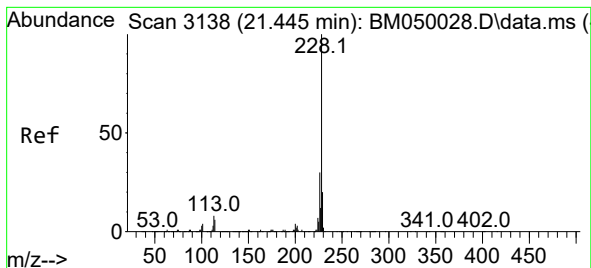
Ion Ratio Lower Upper

252 100

254 64.8 51.8 77.6

126 9.1 6.0 9.0#





#83

Chrysene

Concen: 43.198 ng

RT: 21.427 min Scan# 3110

Delta R.T. 0.000 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

Instrument :

BNA_M

ClientSampleId :

PB167889BS

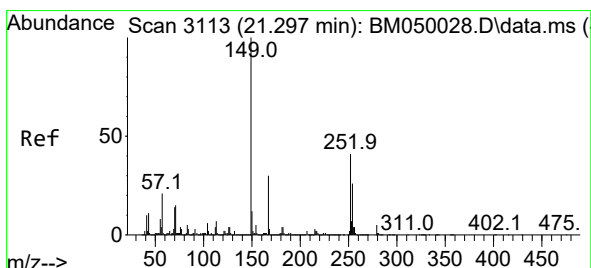
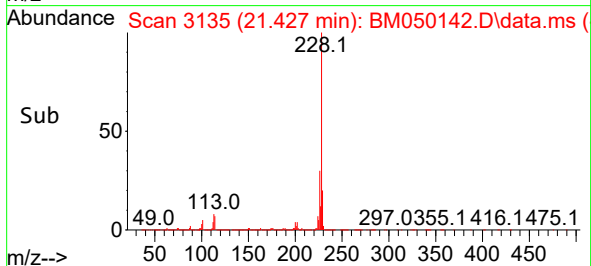
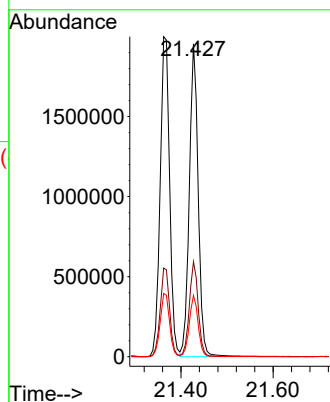
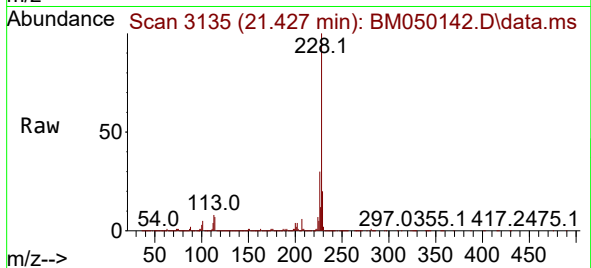
Tgt Ion:228 Resp: 2604413

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.2

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.798 ng

RT: 21.280 min Scan# 3110

Delta R.T. 0.000 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

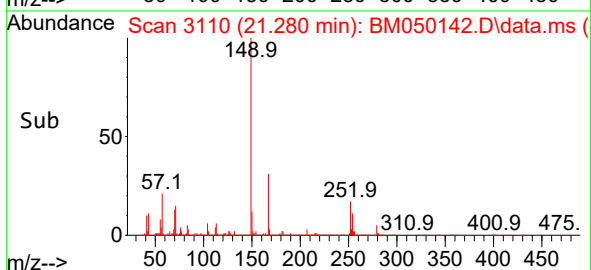
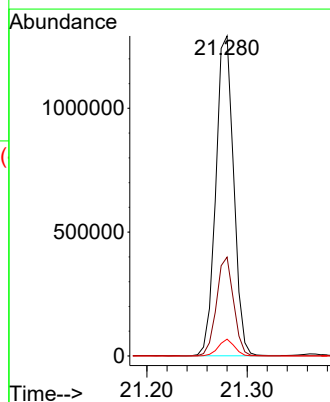
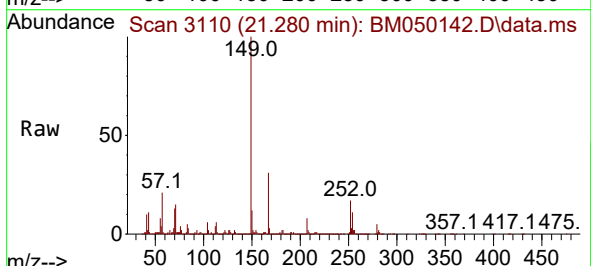
Tgt Ion:149 Resp: 1590468

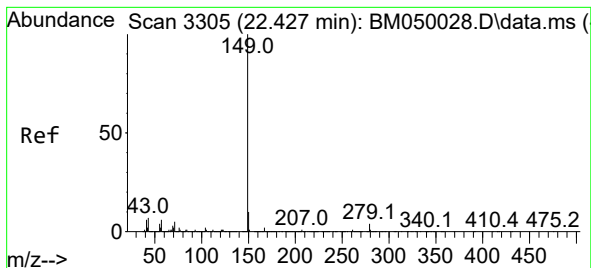
Ion Ratio Lower Upper

149 100

167 30.9 24.1 36.1

279 5.2 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 43.660 ng

RT: 22.403 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

Instrument :

BNA_M

ClientSampleId :

PB167889BS

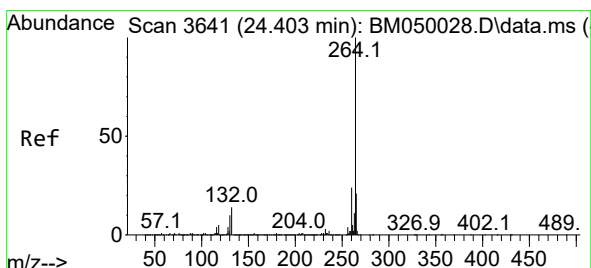
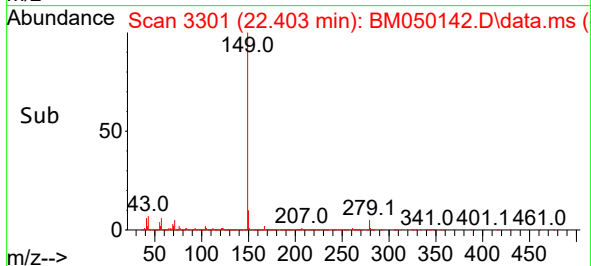
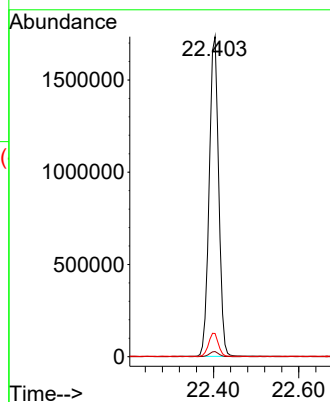
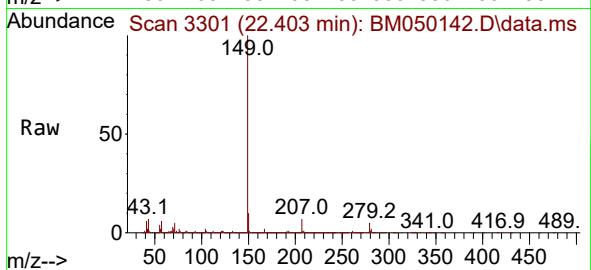
Tgt Ion:149 Resp: 2675728

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: 24.380 min Scan# 3637

Delta R.T. 0.000 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

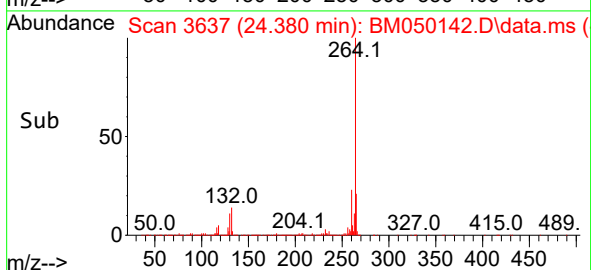
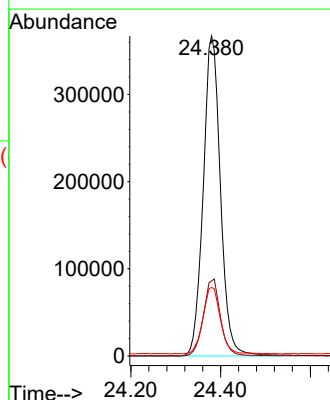
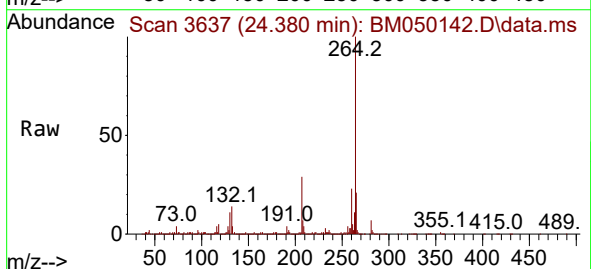
Tgt Ion:264 Resp: 977986

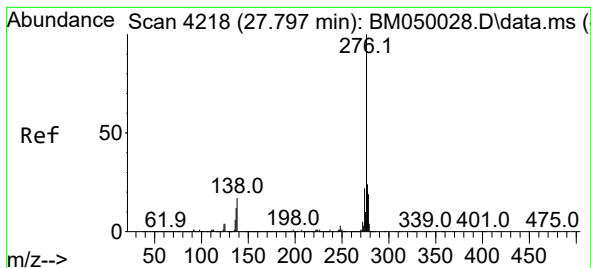
Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.4 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.729 ng

RT: 27.774 min Scan# 41

Delta R.T. 0.012 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

Instrument :

BNA_M

ClientSampleId :

PB167889BS

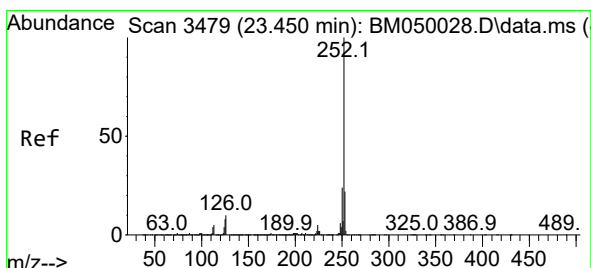
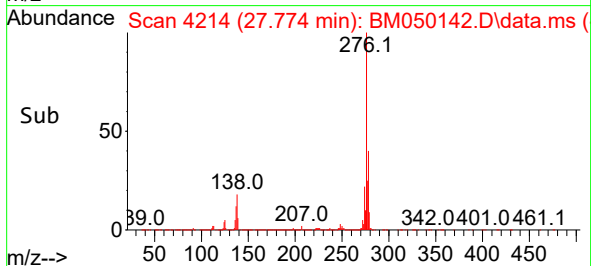
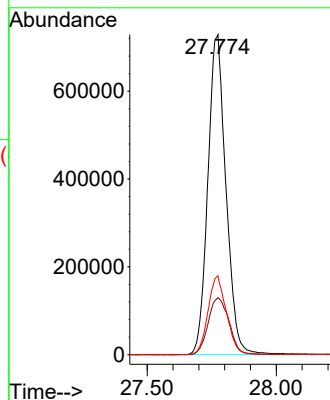
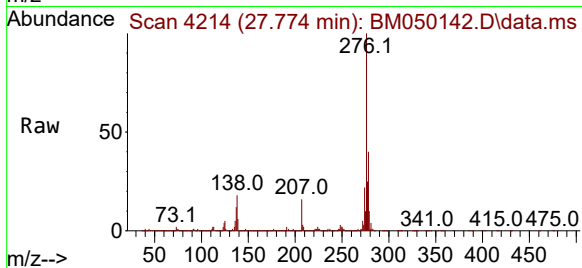
Tgt Ion:276 Resp: 3550952

Ion Ratio Lower Upper

276 100

138 20.5 16.4 24.6

277 25.0 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 43.537 ng

RT: 23.433 min Scan# 3476

Delta R.T. 0.000 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

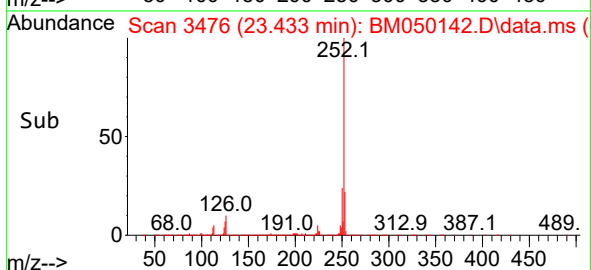
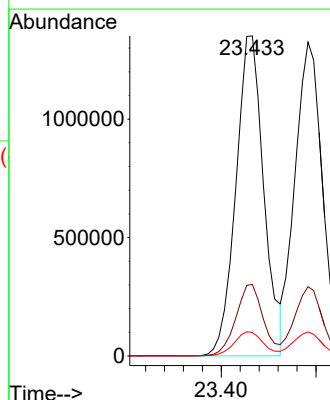
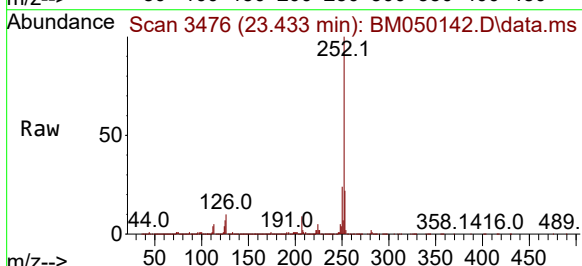
Tgt Ion:252 Resp: 2769019

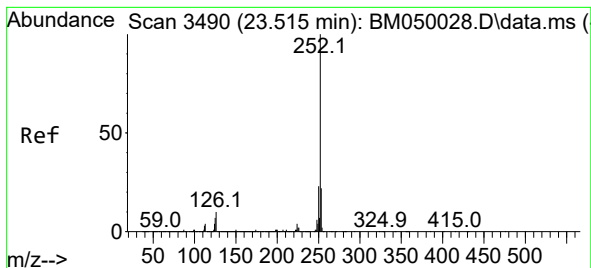
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 7.4 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 42.013 ng

RT: 23.492 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

Instrument :

BNA_M

ClientSampleId :

PB167889BS

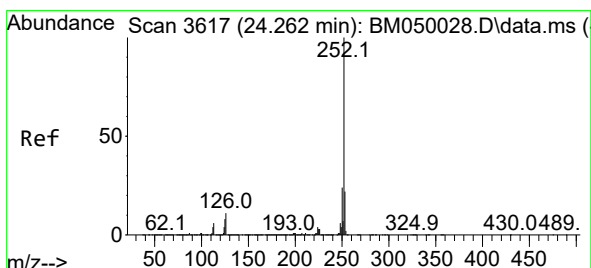
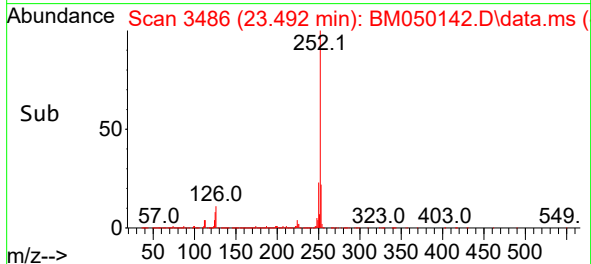
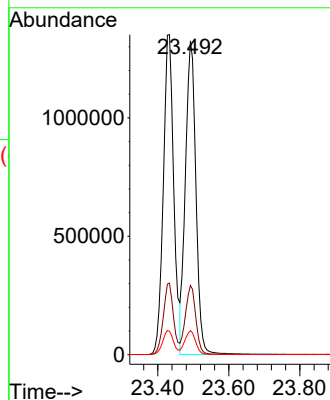
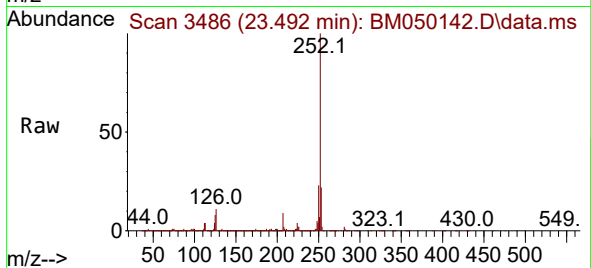
Tgt Ion:252 Resp: 2702901

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 7.7 5.8 8.8



#90

Benzo(a)pyrene

Concen: 43.862 ng

RT: 24.239 min Scan# 3613

Delta R.T. 0.000 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

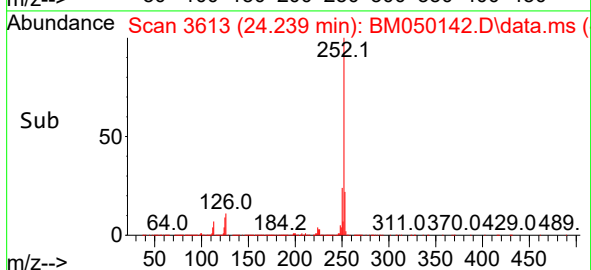
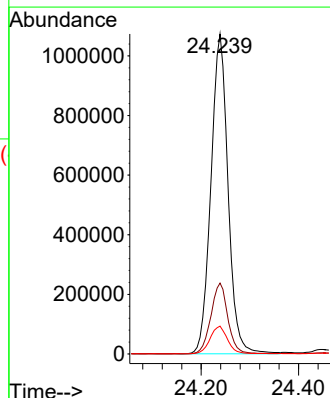
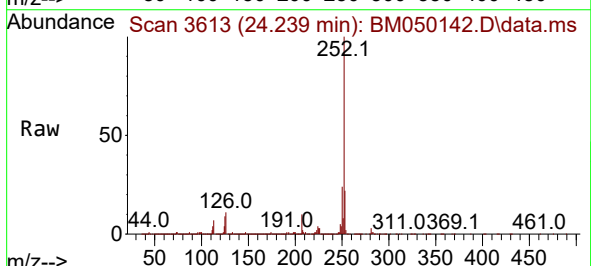
Tgt Ion:252 Resp: 2612810

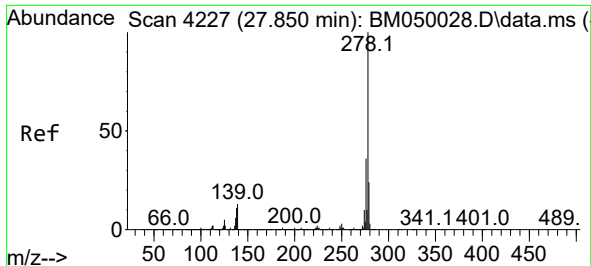
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 8.7 6.6 9.8

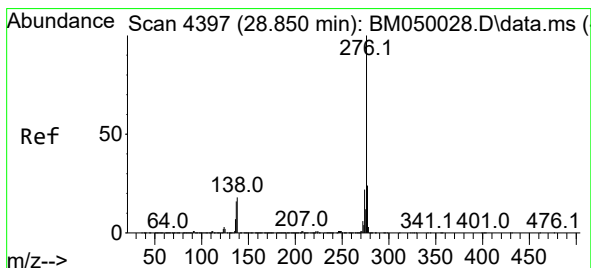
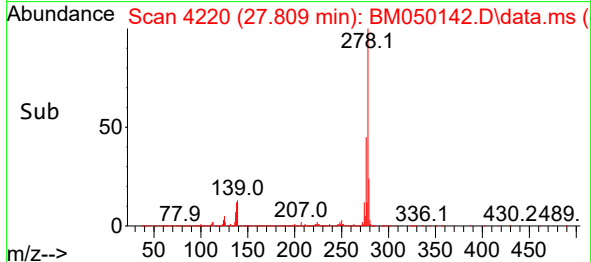
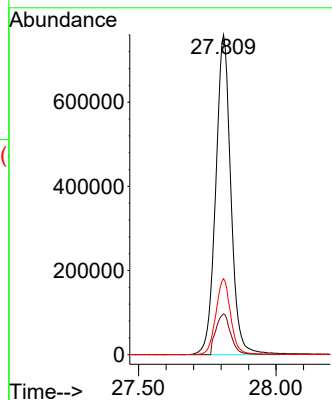
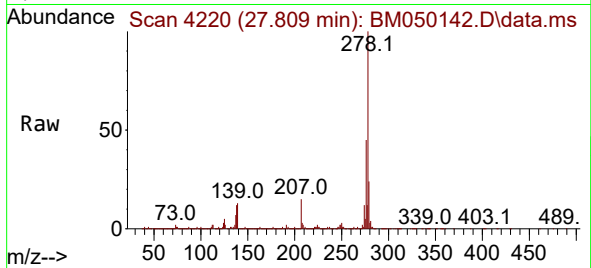




#91
Dibenzo(a,h)anthracene
Concen: 48.956 ng
RT: 27.809 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:278 Resp: 2908155
Ion Ratio Lower Upper
278 100
139 12.8 10.5 15.7
279 23.8 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 48.474 ng
RT: 28.815 min Scan# 4391
Delta R.T. -0.012 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:276 Resp: 2756751
Ion Ratio Lower Upper
276 100
277 24.2 19.1 28.7
138 17.9 14.3 21.5

