

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
 Data File : BM050143.D
 Acq On : 08 May 2025 12:39
 Operator : RC/JU
 Sample : PB167889BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167889BSD

Quant Time: May 08 13:14:53 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	264346	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	911076	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	548910	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	982803	20.000	ng	0.00
76) Chrysene-d12	21.386	240	868474	20.000	ng	0.00
86) Perylene-d12	24.380	264	893841	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	2021970	133.939	ng	0.00
7) Phenol-d6	6.934	99	2452721	129.267	ng	0.00
23) Nitrobenzene-d5	8.904	82	1448557	78.347	ng	0.00
42) 2,4,6-Tribromophenol	15.886	330	1063477	131.029	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	3723241	80.242	ng	0.00
79) Terphenyl-d14	19.768	244	5036934	85.821	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.234	88	230236	35.570	ng	99
3) Pyridine	3.634	79	631457	37.969	ng	97
4) n-Nitrosodimethylamine	3.546	42	272864	41.833	ng	99
6) Aniline	7.075	93	646417	26.980	ng	98
8) 2-Chlorophenol	7.316	128	713271	43.699	ng	99
9) Benzaldehyde	6.887	77	294210	23.171	ng	99
10) Phenol	6.957	94	838666	43.662	ng	99
11) bis(2-Chloroethyl)ether	7.169	93	669133	41.719	ng	99
12) 1,3-Dichlorobenzene	7.628	146	816752	41.424	ng	100
13) 1,4-Dichlorobenzene	7.775	146	821437	41.470	ng	99
14) 1,2-Dichlorobenzene	8.093	146	788459	41.208	ng	99
15) Benzyl Alcohol	7.993	79	559284	42.504	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.263	45	810918	41.593	ng	99
17) 2-Methylphenol	8.204	107	540207	42.691	ng	99
18) Hexachloroethane	8.816	117	293460	41.677	ng	99
19) n-Nitroso-di-n-propyla...	8.551	70	488851	40.172	ng	100
20) 3+4-Methylphenols	8.534	107	717828	42.007	ng	98
22) Acetophenone	8.569	105	969487	42.801	ng	# 98
24) Nitrobenzene	8.945	77	695574	43.509	ng	98
25) Isophorone	9.475	82	1290030	40.932	ng	99
26) 2-Nitrophenol	9.657	139	367311	44.974	ng	98
27) 2,4-Dimethylphenol	9.728	122	595475	43.965	ng	99
28) bis(2-Chloroethoxy)met...	9.945	93	817207	41.952	ng	99
29) 2,4-Dichlorophenol	10.210	162	674561	44.457	ng	99
30) 1,2,4-Trichlorobenzene	10.398	180	792832	42.886	ng	99
31) Naphthalene	10.587	128	1954746	42.366	ng	100
32) Benzoic acid	9.910	122	351562	40.585	ng	99
33) 4-Chloroaniline	10.716	127	306640	16.214	ng	98
34) Hexachlorobutadiene	10.869	225	513285	43.740	ng	99
35) Caprolactam	11.510	113	167178	37.787	ng	96
36) 4-Chloro-3-methylphenol	11.857	107	576231	41.105	ng	99
37) 2-Methylnaphthalene	12.204	142	1271852	41.115	ng	100
38) 1-Methylnaphthalene	12.422	142	1327396	40.548	ng	99
40) 1,2,4,5-Tetrachloroben...	12.581	216	870924	45.834	ng	99
41) Hexachlorocyclopentadiene	12.551	237	1147740	98.838	ng	100
43) 2,4,6-Trichlorophenol	12.833	196	549841	45.622	ng	97

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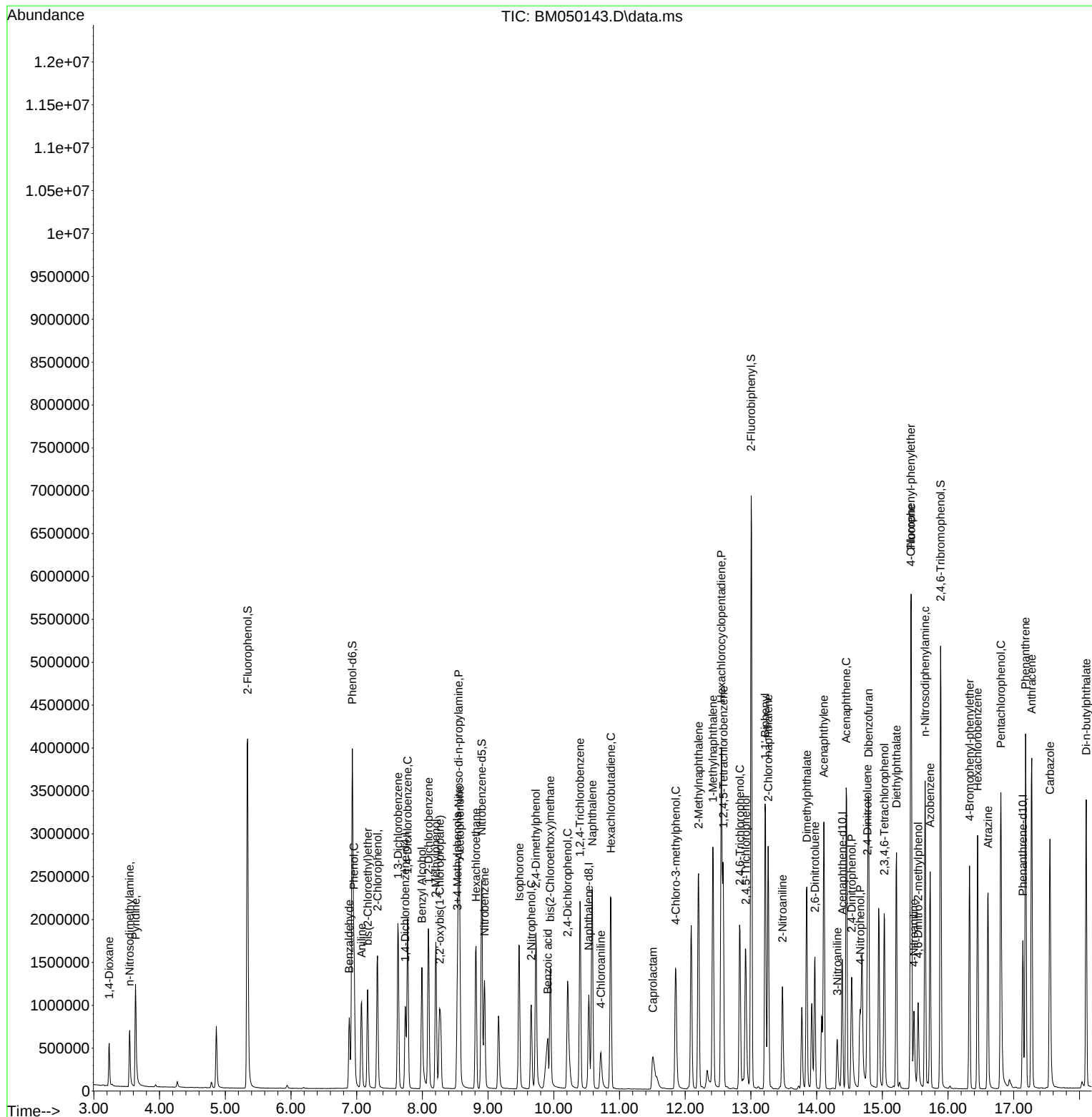
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	594889	45.773	ng	98
46) 1,1'-Biphenyl	13.216	154	1813471	44.444	ng	99
47) 2-Chloronaphthalene	13.263	162	1442235	44.629	ng	100
48) 2-Nitroaniline	13.480	65	346667	45.707	ng	99
49) Acenaphthylene	14.110	152	2217366	43.518	ng	100
50) Dimethylphthalate	13.851	163	1687386	42.064	ng	99
51) 2,6-Dinitrotoluene	13.975	165	364981	43.944	ng	99
52) Acenaphthene	14.451	154	1280948	43.432	ng	99
53) 3-Nitroaniline	14.316	138	187182	23.606	ng	98
54) 2,4-Dinitrophenol	14.533	184	430670	80.951	ng	98
55) Dibenzofuran	14.792	168	2092337	42.639	ng	99
56) 4-Nitrophenol	14.663	139	485201	75.484	ng	99
57) 2,4-Dinitrotoluene	14.775	165	497539	43.352	ng	97
58) Fluorene	15.439	166	1702697	42.392	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.033	232	482259	42.868	ng	99
60) Diethylphthalate	15.216	149	1537382	40.672	ng	100
61) 4-Chlorophenyl-phenyle...	15.433	204	942516	42.723	ng	99
62) 4-Nitroaniline	15.480	138	285268	37.288	ng	97
63) Azobenzene	15.727	77	1345417	42.471	ng	99
65) 4,6-Dinitro-2-methylph...	15.545	198	279844	45.488	ng	97
66) n-Nitrosodiphenylamine	15.651	169	1392965	46.156	ng	100
67) 4-Bromophenyl-phenylether	16.327	248	542393	45.638	ng	98
68) Hexachlorobenzene	16.451	284	625015	45.623	ng	97
69) Atrazine	16.610	200	478867	43.989	ng	100
70) Pentachlorophenol	16.804	266	748706	97.091	ng	99
71) Phenanthrene	17.180	178	2456477	44.316	ng	100
72) Anthracene	17.274	178	2500364	44.573	ng	100
73) Carbazole	17.551	167	2142721	44.019	ng	99
74) Di-n-butylphthalate	18.104	149	2500884	43.142	ng	100
75) Fluoranthene	19.204	202	2767529	42.525	ng	100
77) Benzidine	19.392	184	926472	30.033	ng	99
78) Pyrene	19.568	202	2838617	46.545	ng	100
80) Butylbenzylphthalate	20.462	149	1034547	45.291	ng	97
81) Benzo(a)anthracene	21.368	228	2693046	45.030	ng	100
82) 3,3'-Dichlorobenzidine	21.292	252	571243	24.952	ng	99
83) Chrysene	21.427	228	2451903	44.297	ng	99
84) Bis(2-ethylhexyl)phtha...	21.280	149	1507874	44.196	ng	99
85) Di-n-octyl phthalate	22.403	149	2495544	44.353	ng	100
87) Indeno(1,2,3-cd)pyrene	27.768	276	3344168	50.211	ng	100
88) Benzo(b)fluoranthene	23.433	252	2565912	44.142	ng	100
89) Benzo(k)fluoranthene	23.492	252	2534162	43.098	ng	100
90) Benzo(a)pyrene	24.239	252	2428116	44.598	ng	99
91) Dibenzo(a,h)anthracene	27.809	278	2734690	50.370	ng	99
92) Benzo(g,h,i)perylene	28.821	276	2620801	50.422	ng	99

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

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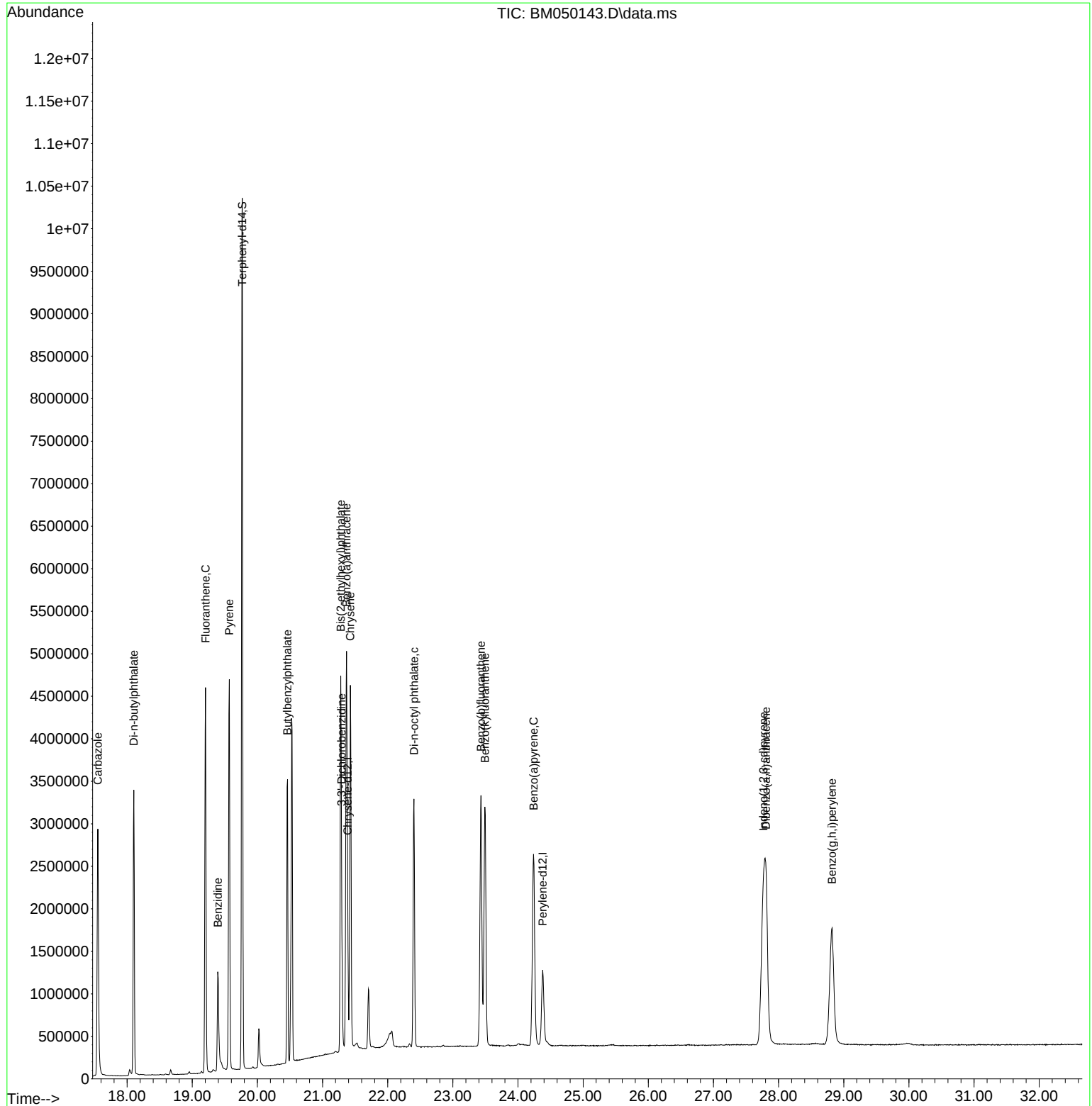
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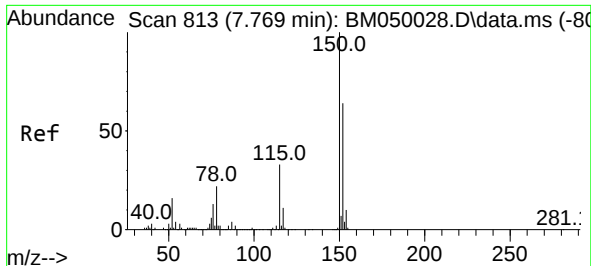


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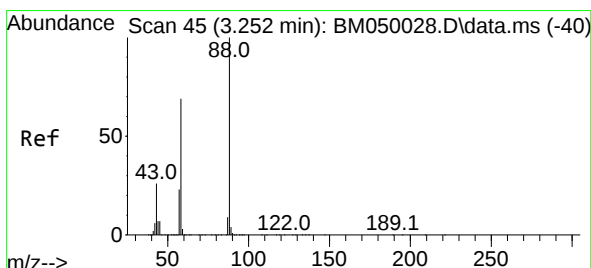
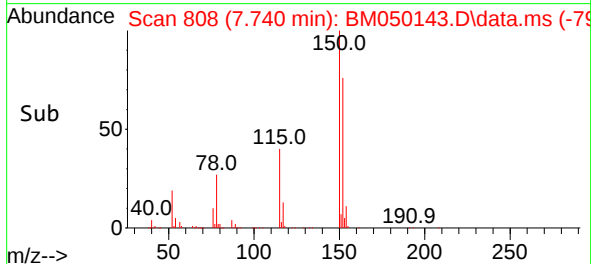
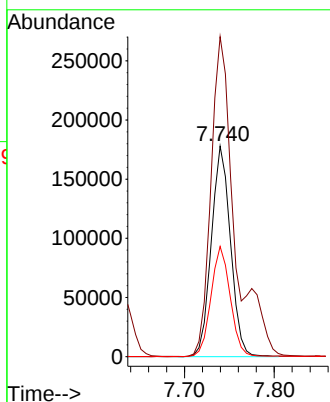
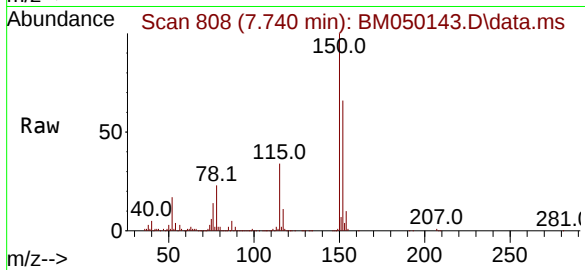




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM050143.D
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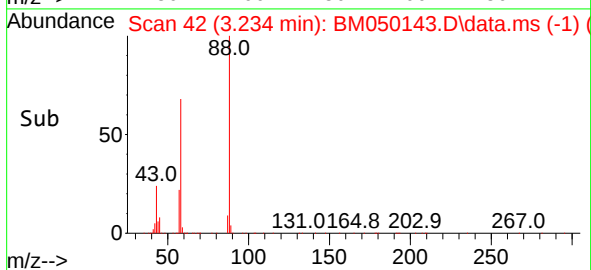
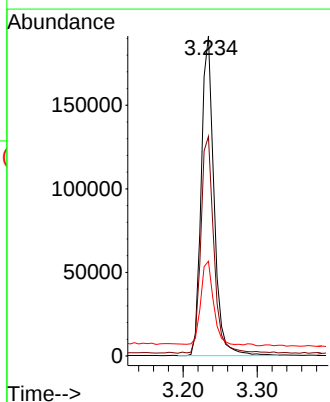
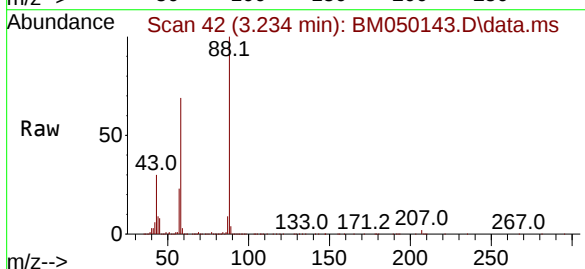
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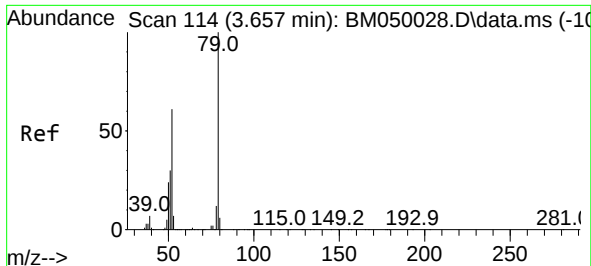
Tgt Ion:152 Resp: 264346
Ion Ratio Lower Upper
152 100
150 152.0 124.1 186.1
115 52.4 41.2 61.8



#2
1,4-Dioxane
Concen: 35.570 ng
RT: 3.234 min Scan# 42
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion: 88 Resp: 230236
Ion Ratio Lower Upper
88 100
58 69.6 55.1 82.7
43 25.9 20.9 31.3

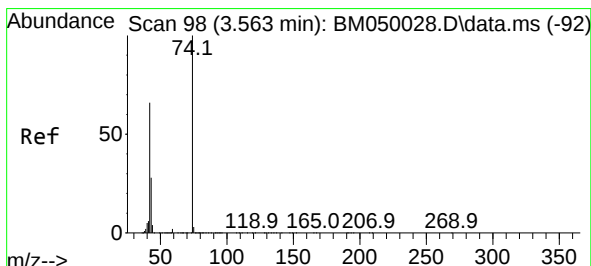
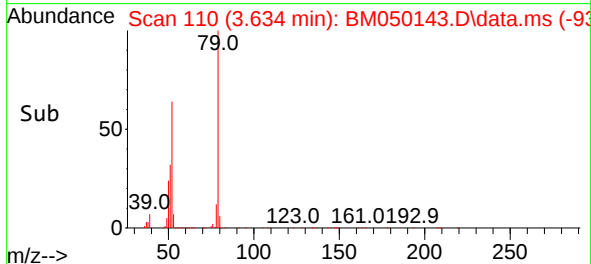
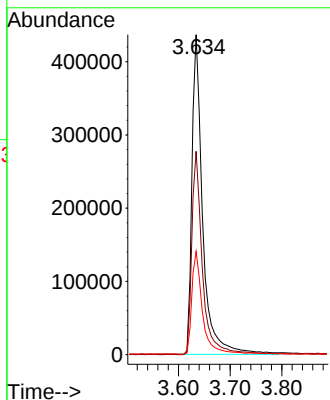
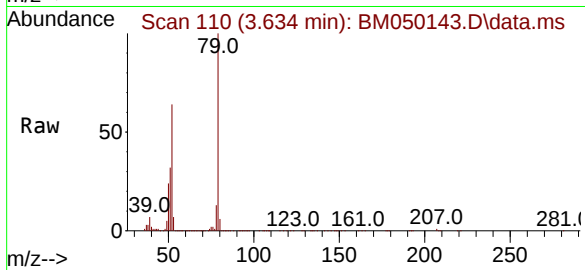




#3
Pyridine
Concen: 37.969 ng
RT: 3.634 min Scan# 114
Delta R.T. 0.000 min
Lab File: BM050143.D
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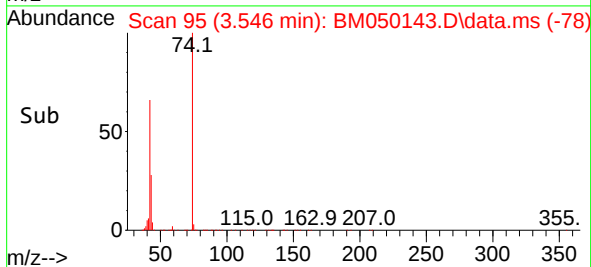
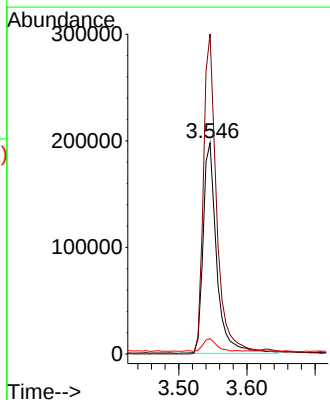
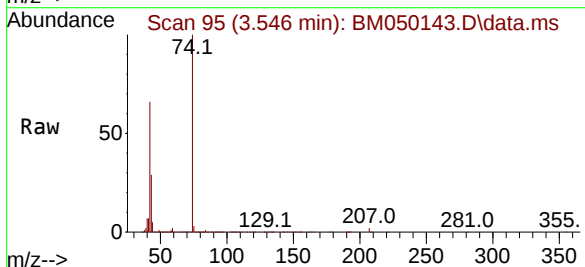
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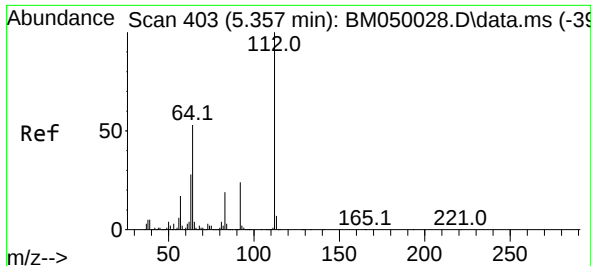
Tgt Ion: 79 Resp: 631457
Ion Ratio Lower Upper
79 100
52 63.5 48.6 72.8
51 32.3 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 41.833 ng
RT: 3.546 min Scan# 95
Delta R.T. 0.000 min
Lab File: BM050143.D
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Tgt Ion: 42 Resp: 272864
Ion Ratio Lower Upper
42 100
74 151.7 120.2 180.2
44 7.3 6.2 9.2

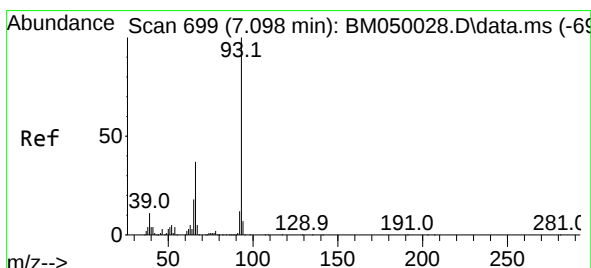
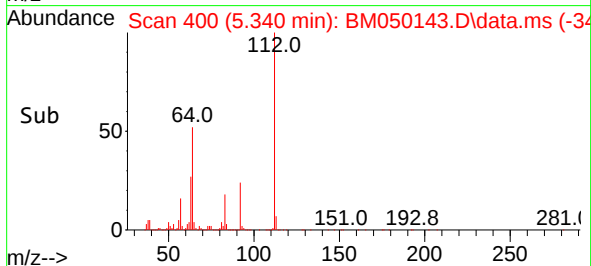
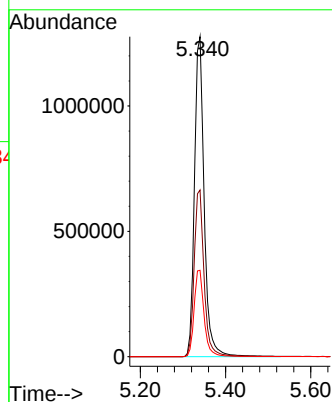
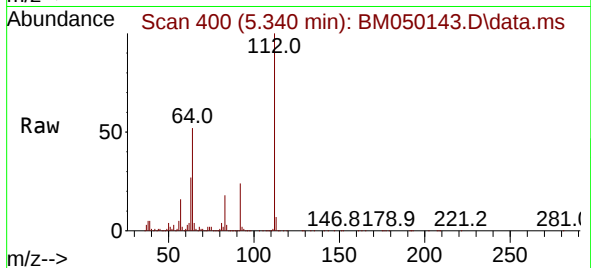




#5
2-Fluorophenol
Concen: 133.939 ng
RT: 5.340 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050143.D
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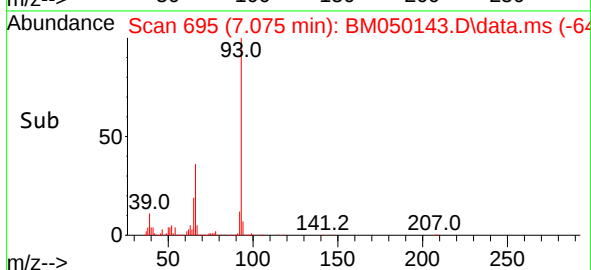
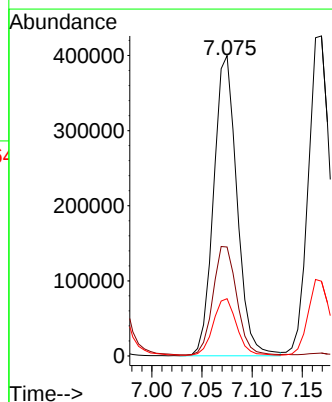
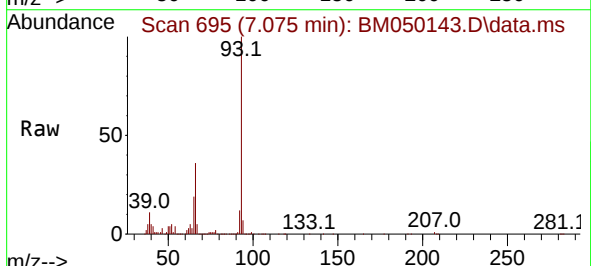
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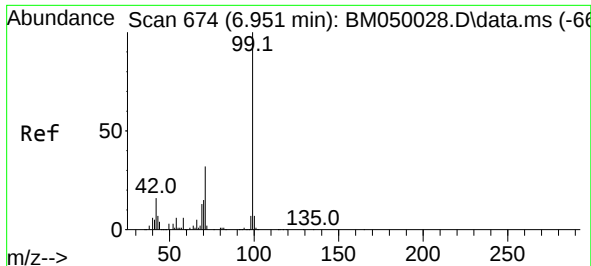
Tgt Ion:112 Resp: 2021970
Ion Ratio Lower Upper
112 100
64 52.1 42.6 64.0
63 27.0 22.2 33.4



#6
Aniline
Concen: 26.980 ng
RT: 7.075 min Scan# 695
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion: 93 Resp: 646417
Ion Ratio Lower Upper
93 100
66 36.3 29.9 44.9
65 19.1 14.5 21.7

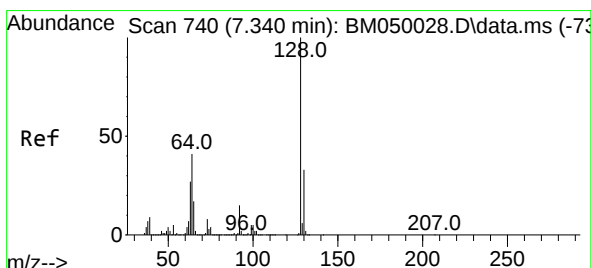
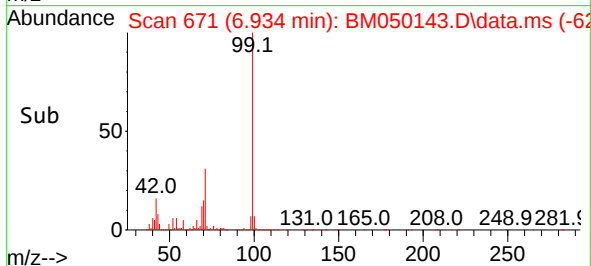
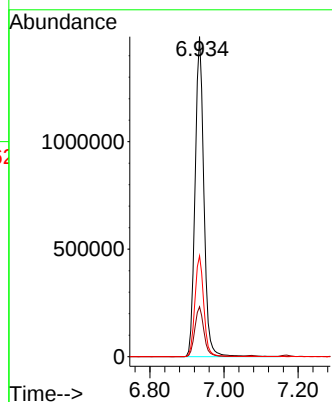
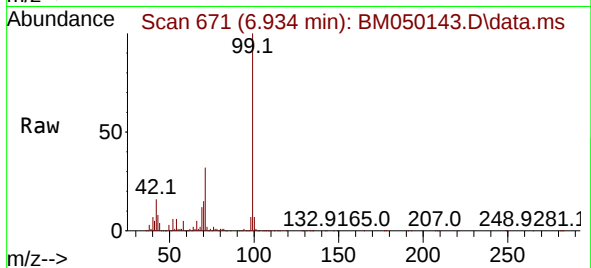




#7
Phenol-d6
Concen: 129.267 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
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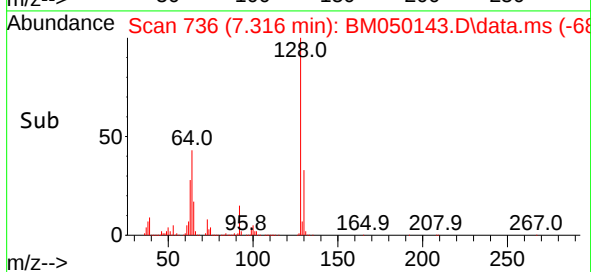
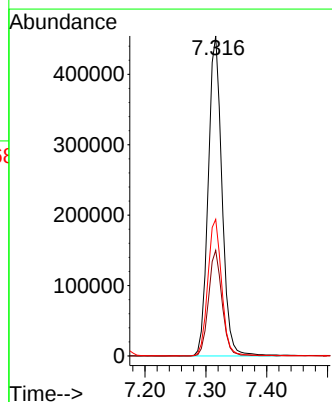
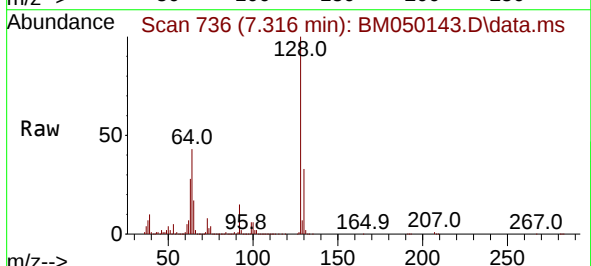
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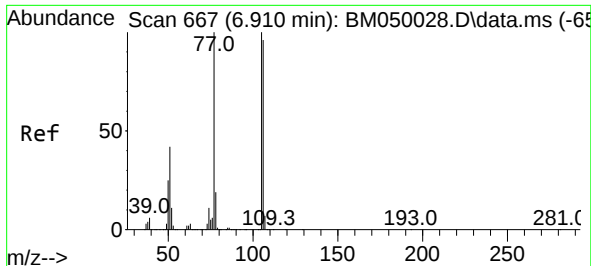
Tgt Ion: 99 Resp: 2452721
Ion Ratio Lower Upper
99 100
42 15.6 13.0 19.4
71 31.5 25.6 38.4



#8
2-Chlorophenol
Concen: 43.699 ng
RT: 7.316 min Scan# 736
Delta R.T. 0.000 min
Lab File: BM050143.D
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Tgt Ion: 128 Resp: 713271
Ion Ratio Lower Upper
128 100
130 33.0 12.8 52.8
64 42.7 21.2 61.2

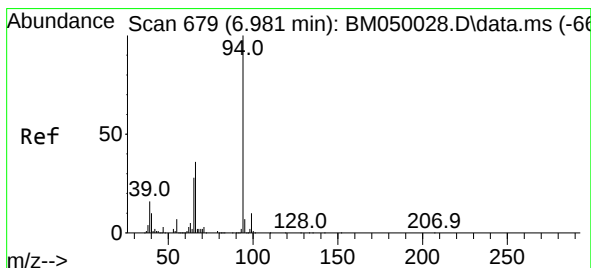
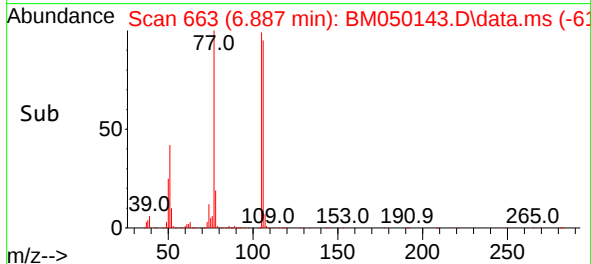
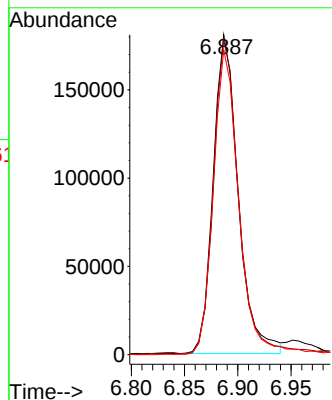
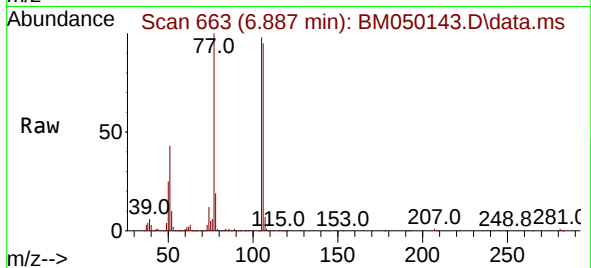




#9
Benzaldehyde
Concen: 23.171 ng
RT: 6.887 min Scan# 663
Delta R.T. 0.000 min
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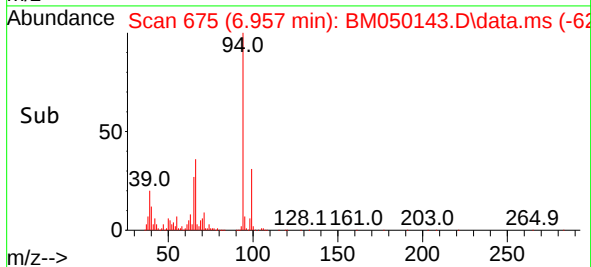
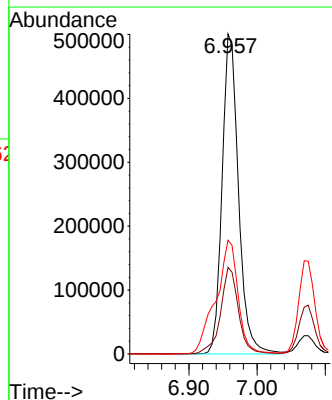
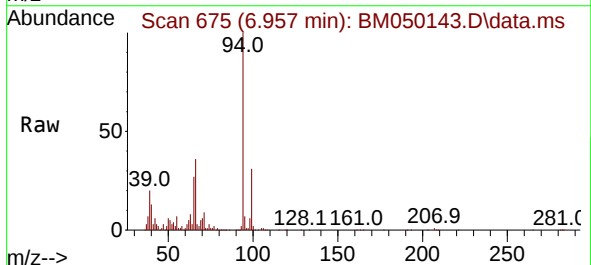
Instrument :
BNA_M
ClientSampleId :
PB167889BSD

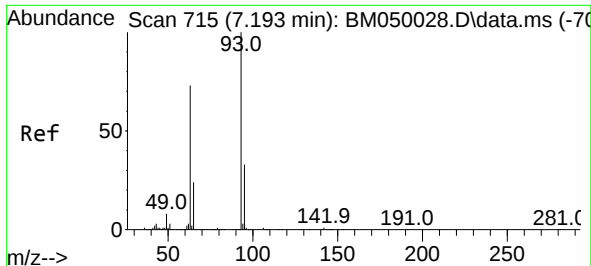
Tgt Ion: 77 Resp: 294210
Ion Ratio Lower Upper
77 100
105 98.5 80.5 120.5
106 95.2 76.1 116.1



#10
Phenol
Concen: 43.662 ng
RT: 6.957 min Scan# 675
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion: 94 Resp: 838666
Ion Ratio Lower Upper
94 100
65 27.1 7.6 47.6
66 35.6 15.8 55.8

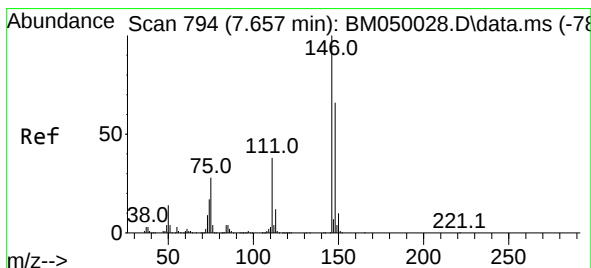
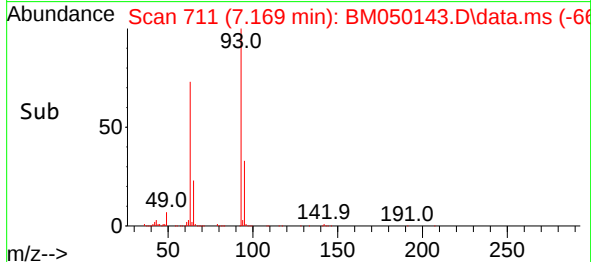
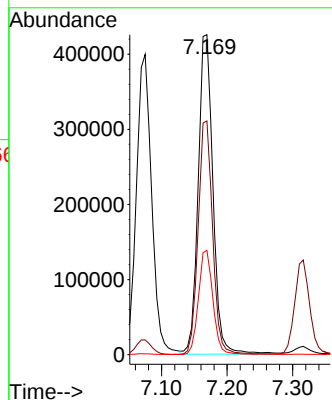
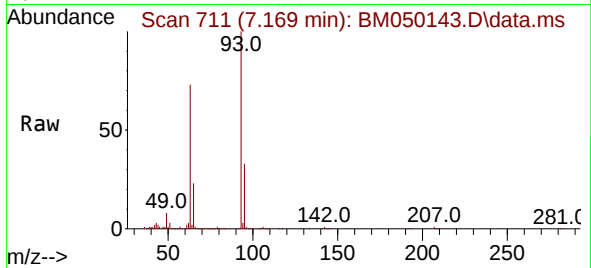




#11
bis(2-Chloroethyl)ether
Concen: 41.719 ng
RT: 7.169 min Scan# 711
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

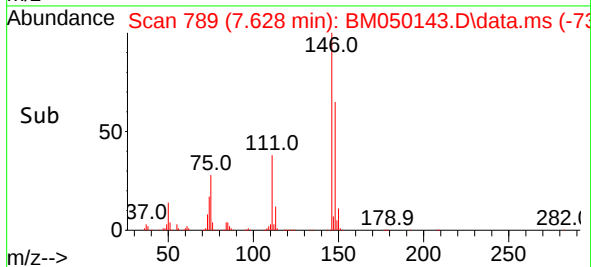
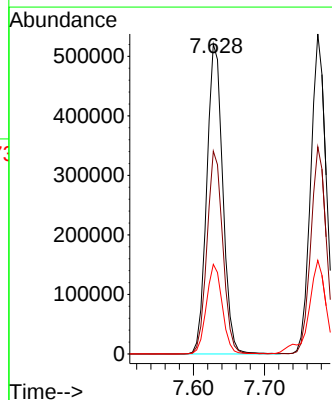
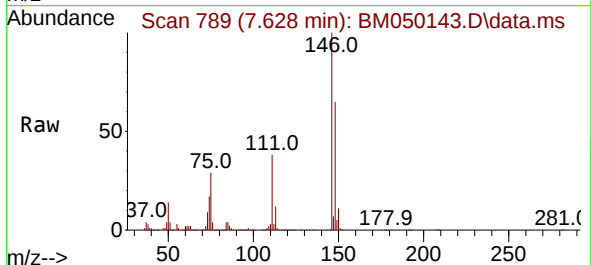
Instrument :
BNA_M
ClientSampleId :
PB167889BSD

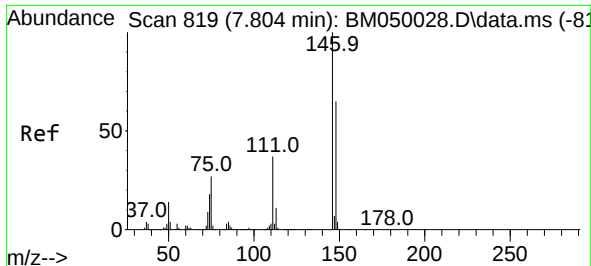
Tgt Ion: 93 Resp: 669133
Ion Ratio Lower Upper
93 100
63 73.0 52.3 92.3
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.424 ng
RT: 7.628 min Scan# 789
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:146 Resp: 816752
Ion Ratio Lower Upper
146 100
148 65.5 52.5 78.7
75 28.9 22.6 34.0

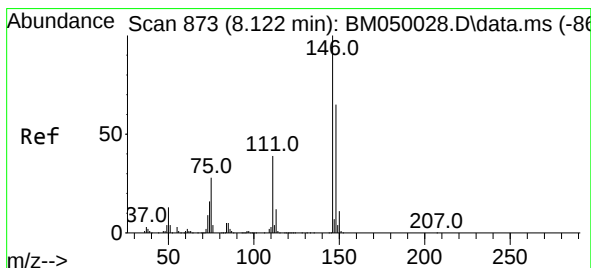
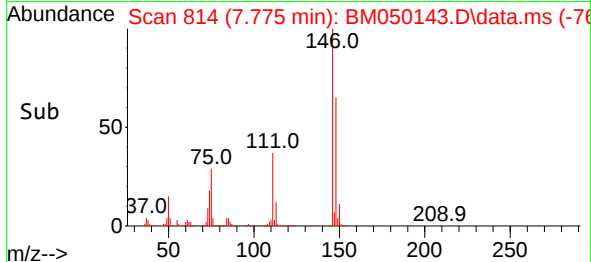
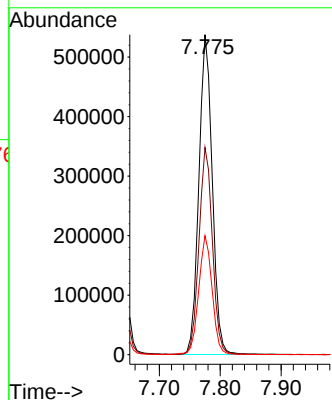
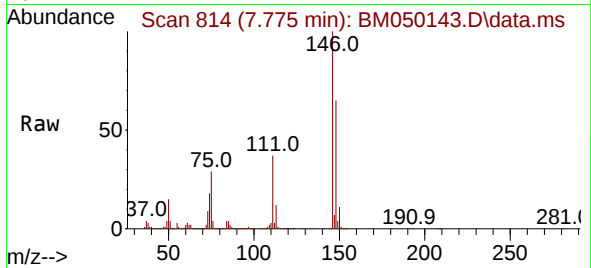




#13
1,4-Dichlorobenzene
Concen: 41.470 ng
RT: 7.775 min Scan# 814
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

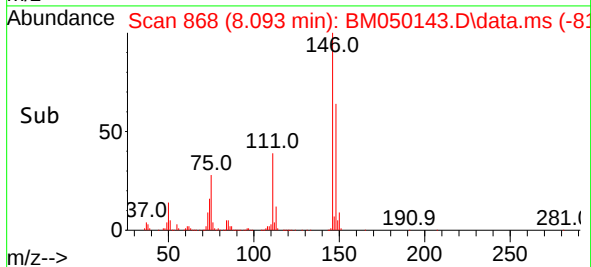
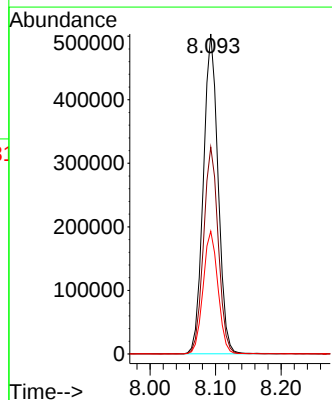
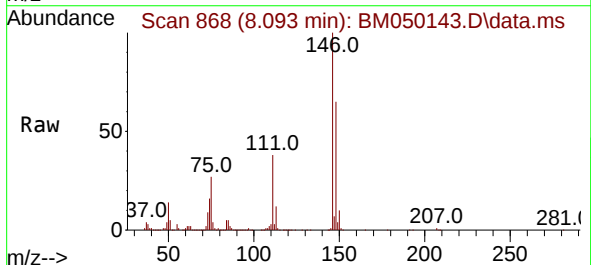
Instrument :
BNA_M
ClientSampleId :
PB167889BSD

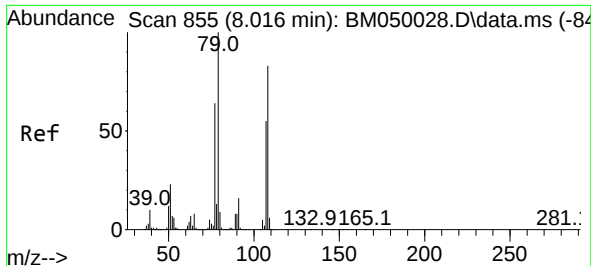
Tgt Ion:146 Resp: 821437
Ion Ratio Lower Upper
146 100
148 64.7 52.2 78.2
111 37.2 29.3 43.9



#14
1,2-Dichlorobenzene
Concen: 41.208 ng
RT: 8.093 min Scan# 868
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:146 Resp: 788459
Ion Ratio Lower Upper
146 100
148 64.6 52.4 78.6
111 38.4 31.0 46.6

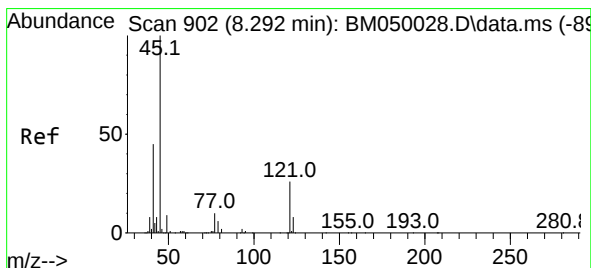
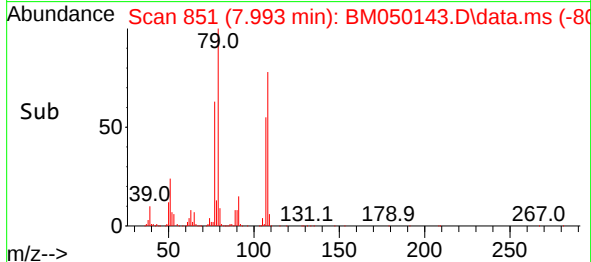
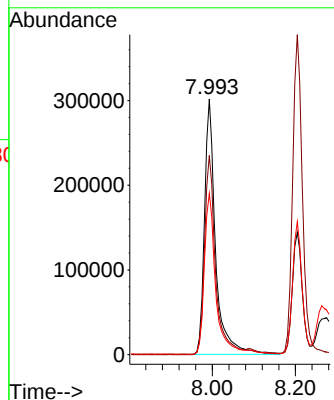
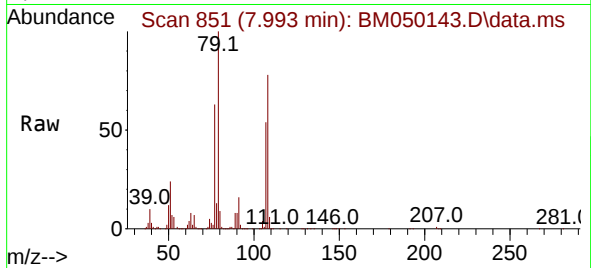




#15
Benzyl Alcohol
Concen: 42.504 ng
RT: 7.993 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

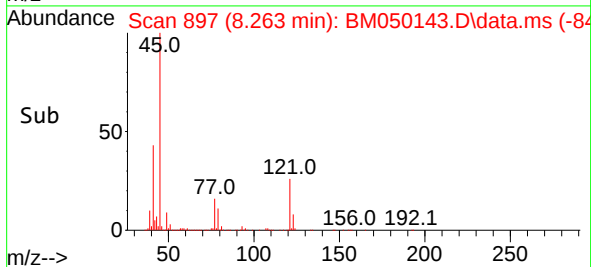
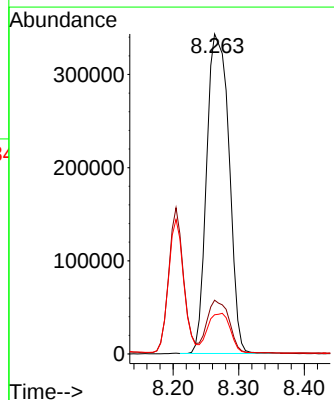
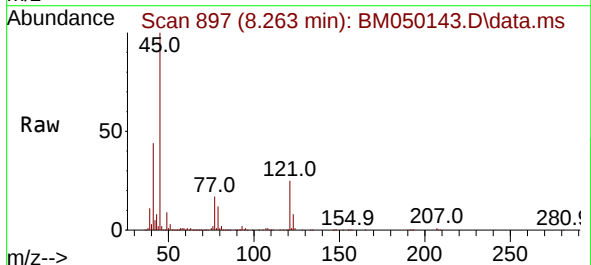
Instrument :
BNA_M
ClientSampleId :
PB167889BSD

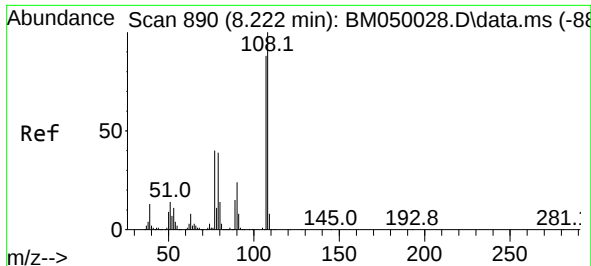
Tgt Ion: 79 Resp: 559284
Ion Ratio Lower Upper
79 100
108 77.9 66.0 99.0
77 63.1 51.6 77.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.593 ng
RT: 8.263 min Scan# 897
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion: 45 Resp: 810918
Ion Ratio Lower Upper
45 100
77 16.8 0.0 36.4
79 12.3 0.0 32.7

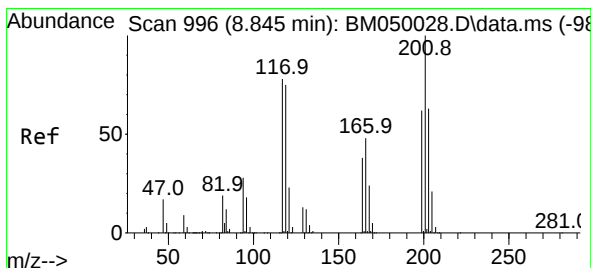
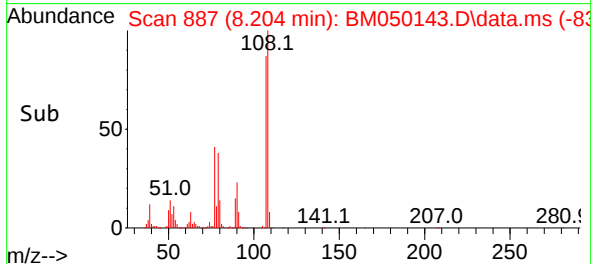
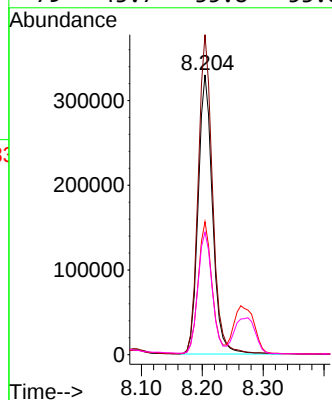
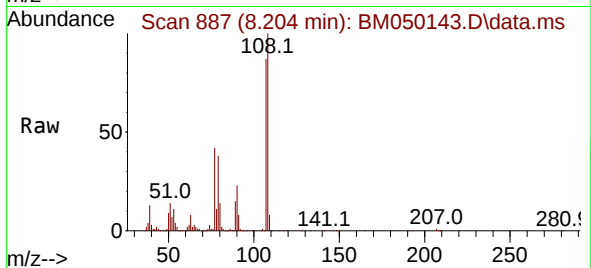




#17
2-Methylphenol
Concen: 42.691 ng
RT: 8.204 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

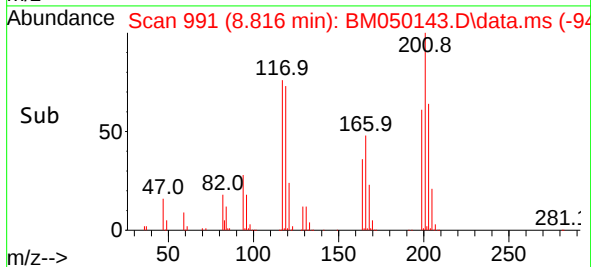
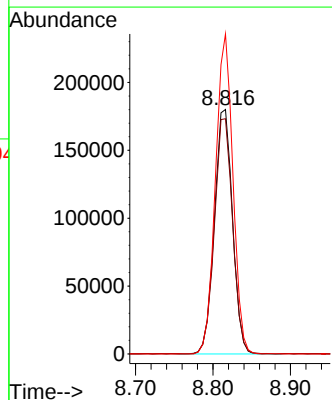
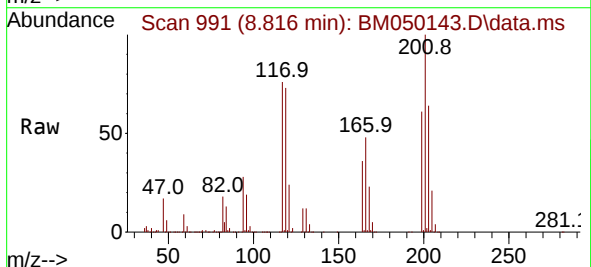
Instrument :
BNA_M
ClientSampleId :
PB167889BSD

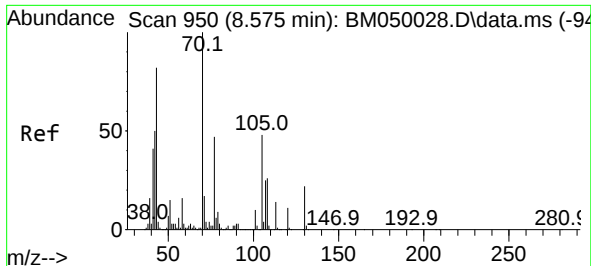
Tgt Ion:	107	Resp:	540207
Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.1	136.7
77	47.5	36.2	54.4
79	43.7	35.8	53.8



#18
Hexachloroethane
Concen: 41.677 ng
RT: 8.816 min Scan# 991
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:	117	Resp:	293460
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.3	115.9
201	130.9	102.8	154.2





#19

n-Nitroso-di-n-propylamine

Concen: 40.172 ng

RT: 8.551 min Scan# 946

Delta R.T. 0.000 min

Lab File: BM050143.D

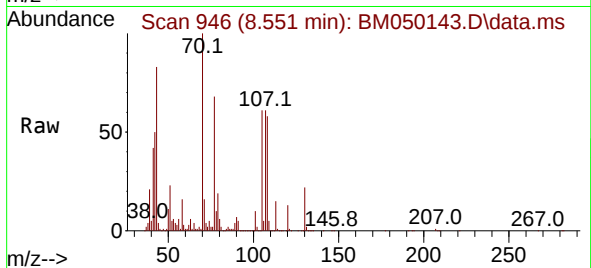
Acq: 08 May 2025 12:39

Instrument :

BNA_M

ClientSampleId :

PB167889BSD



Tgt Ion: 70 Resp: 488851

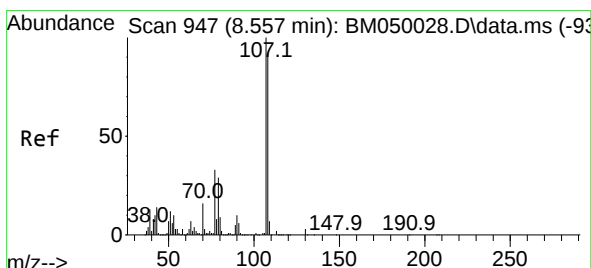
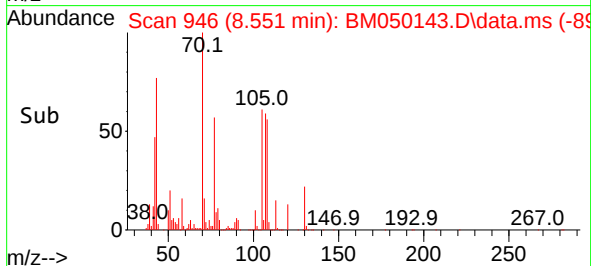
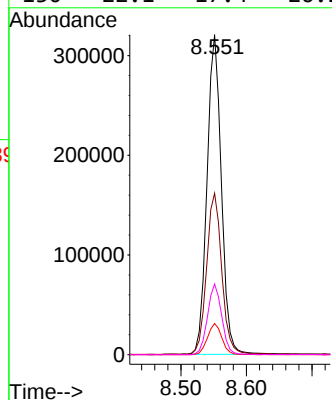
Ion Ratio Lower Upper

70 100

42 50.4 40.5 60.7

101 9.7 7.8 11.6

130 22.1 17.4 26.2



#20

3+4-Methylphenols

Concen: 42.007 ng

RT: 8.534 min Scan# 943

Delta R.T. 0.000 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

Tgt Ion: 107 Resp: 717828

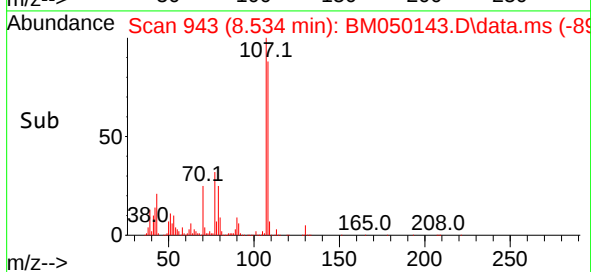
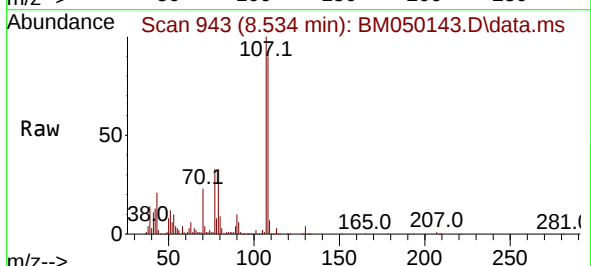
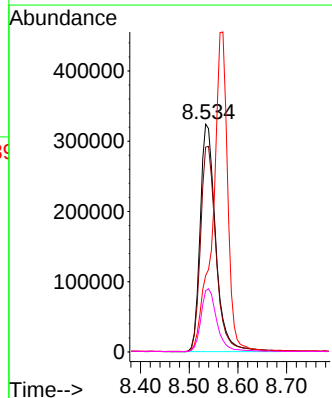
Ion Ratio Lower Upper

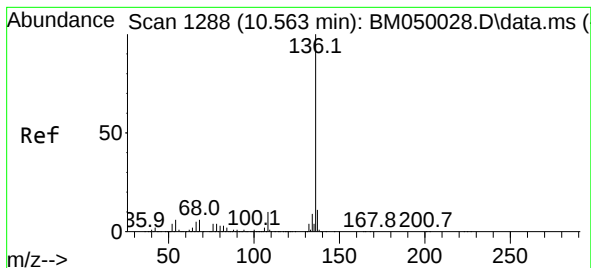
107 100

108 89.9 72.4 112.4

77 33.5 13.6 53.6

79 26.9 9.2 49.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.534 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

Instrument :

BNA_M

ClientSampleId :

PB167889BSD

Tgt Ion:136 Resp: 911076

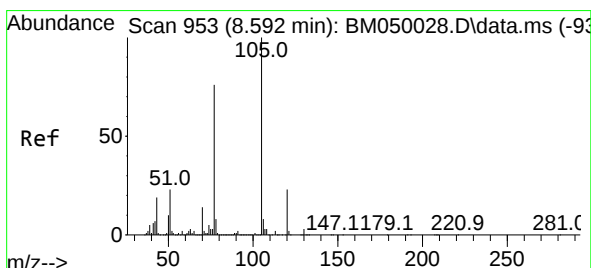
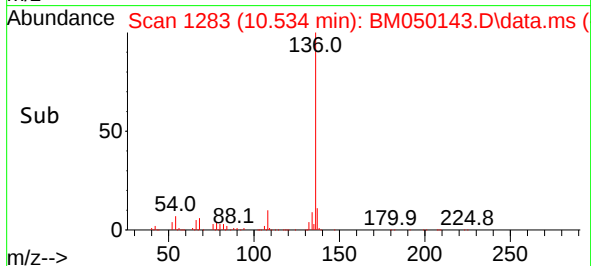
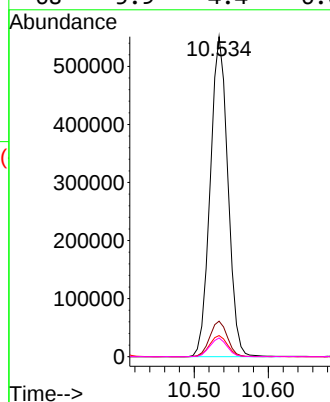
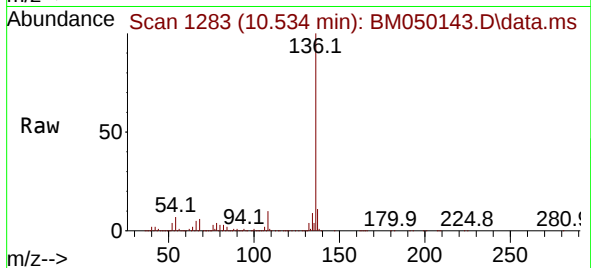
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.6 5.1 7.7

68 5.9 4.4 6.6



#22

Acetophenone

Concen: 42.801 ng

RT: 8.569 min Scan# 949

Delta R.T. 0.000 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

Tgt Ion:105 Resp: 969487

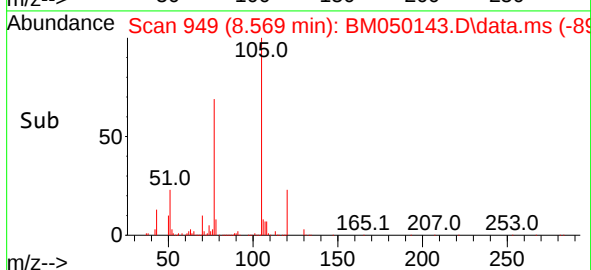
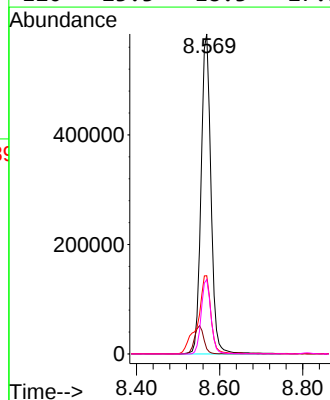
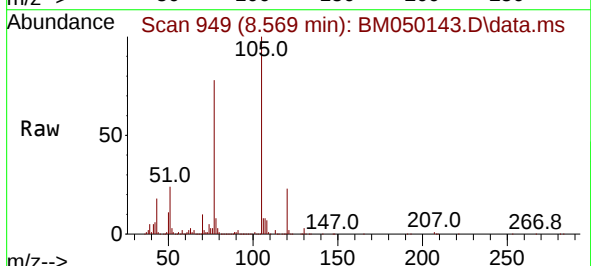
Ion Ratio Lower Upper

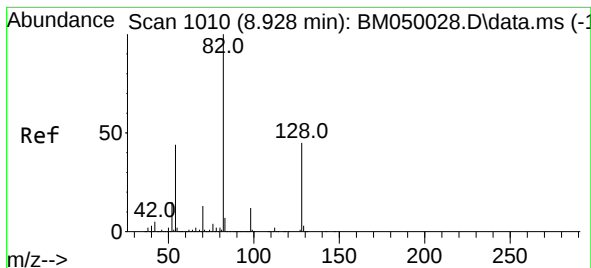
105 100

71 1.6 1.7 2.5#

51 24.5 18.6 27.8

120 23.3 18.3 27.5





#23

Nitrobenzene-d5

Concen: 78.347 ng

RT: 8.904 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

Instrument :

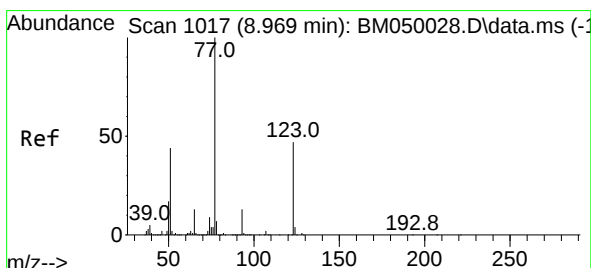
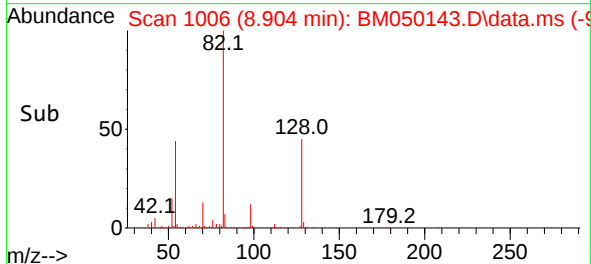
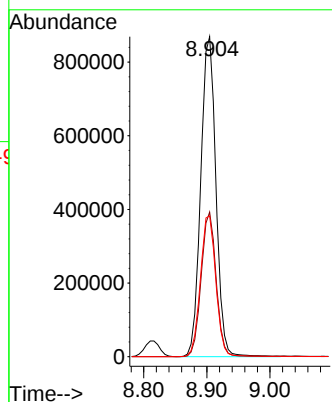
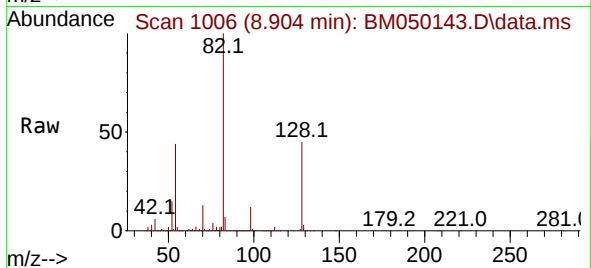
BNA_M

ClientSampleId :

PB167889BSD

Tgt Ion: 82 Resp: 1448557

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.7	53.5
54	44.0	35.4	53.2



#24

Nitrobenzene

Concen: 43.509 ng

RT: 8.945 min Scan# 1013

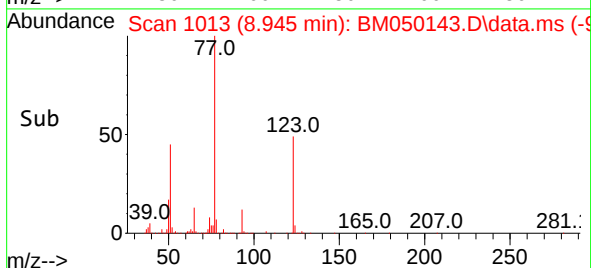
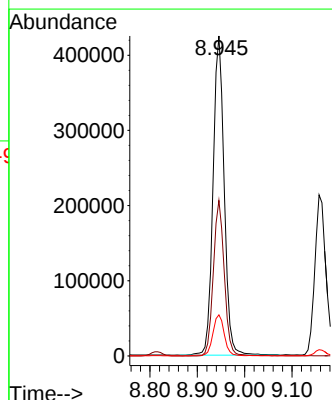
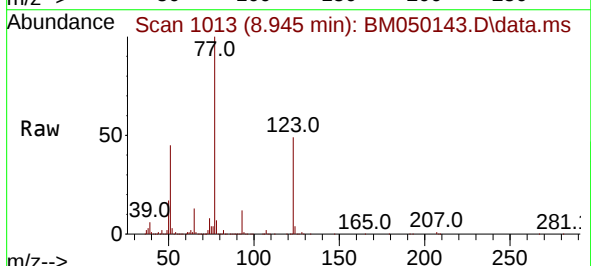
Delta R.T. 0.000 min

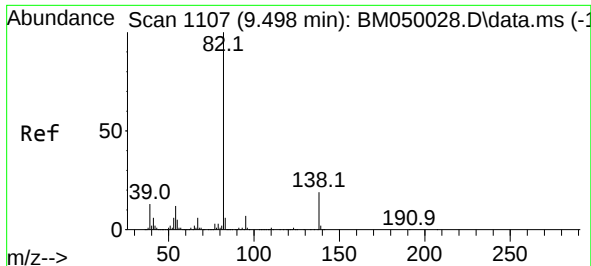
Lab File: BM050143.D

Acq: 08 May 2025 12:39

Tgt Ion: 77 Resp: 695574

Ion	Ratio	Lower	Upper
77	100		
123	48.6	37.9	56.9
65	12.9	10.1	15.1





#25

Isophorone

Concen: 40.932 ng

RT: 9.475 min Scan# 1103

Delta R.T. 0.000 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

Instrument :

BNA_M

ClientSampleId :

PB167889BSD

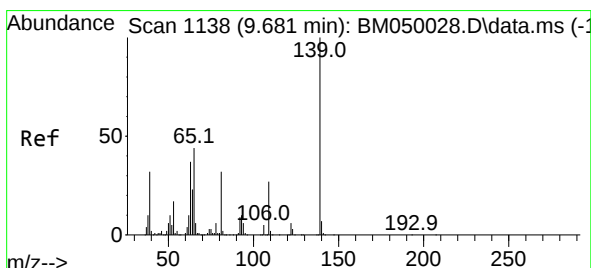
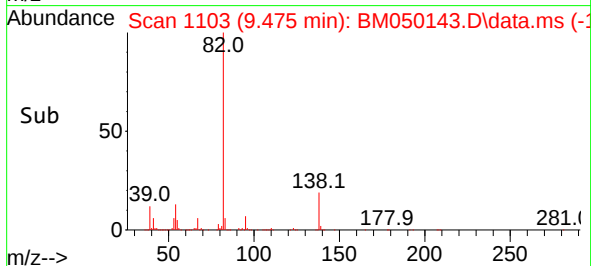
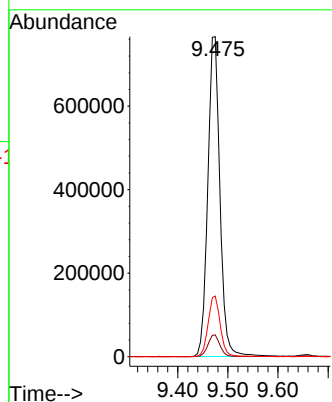
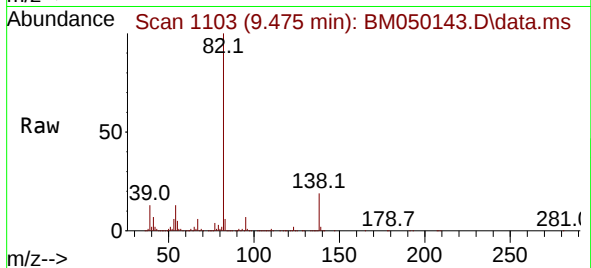
Tgt Ion: 82 Resp: 1290030

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

138 19.0 15.5 23.3



#26

2-Nitrophenol

Concen: 44.974 ng

RT: 9.657 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

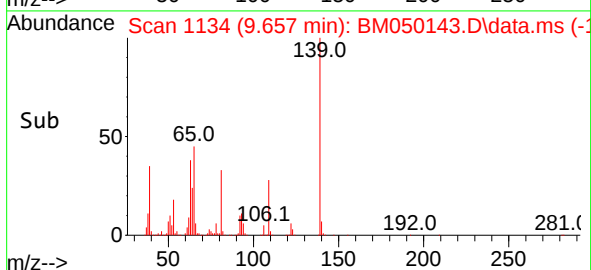
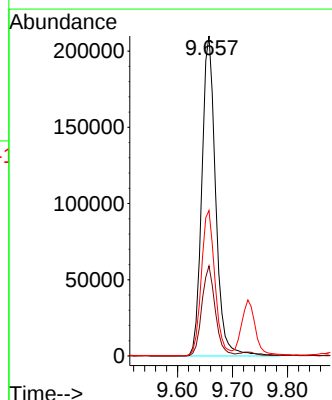
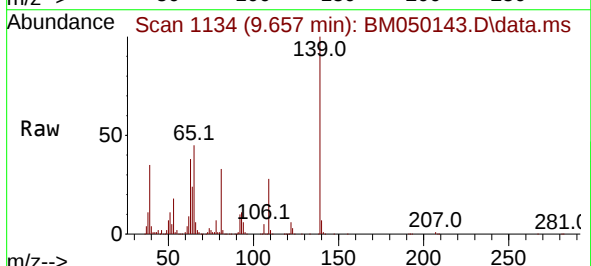
Tgt Ion:139 Resp: 367311

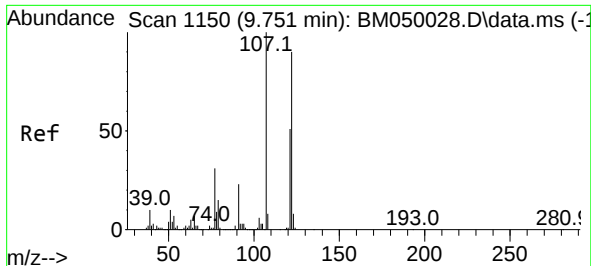
Ion Ratio Lower Upper

139 100

109 28.1 21.9 32.9

65 45.5 35.4 53.2





#27

2,4-Dimethylphenol

Concen: 43.965 ng

RT: 9.728 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

Instrument :

BNA_M

ClientSampleId :

PB167889BSD

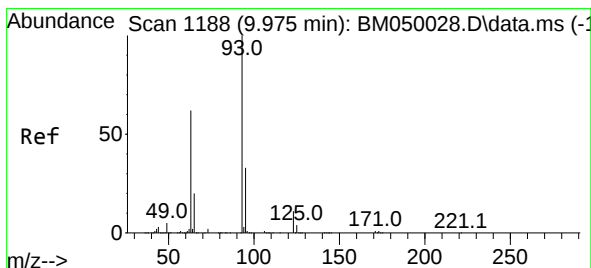
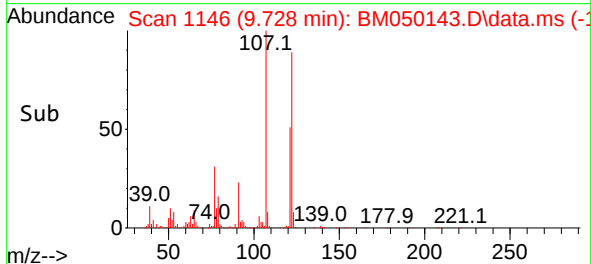
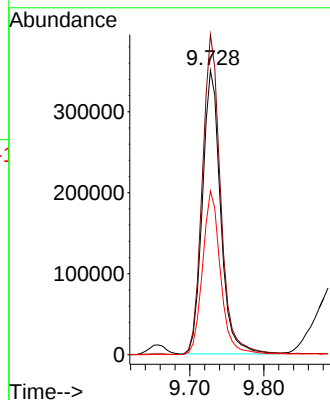
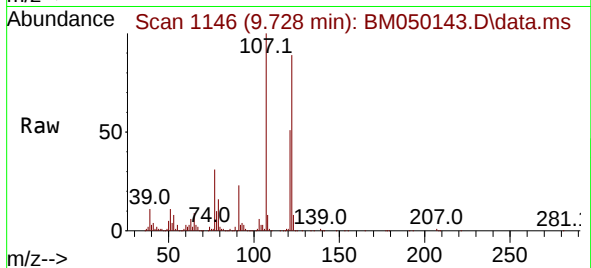
Tgt Ion:122 Resp: 595475

Ion Ratio Lower Upper

122 100

107 112.5 89.0 133.6

121 57.6 45.6 68.4



#28

bis(2-Chloroethoxy)methane

Concen: 41.952 ng

RT: 9.945 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

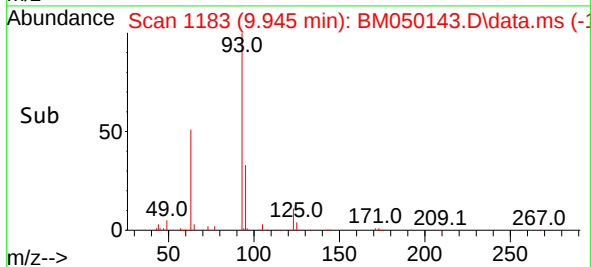
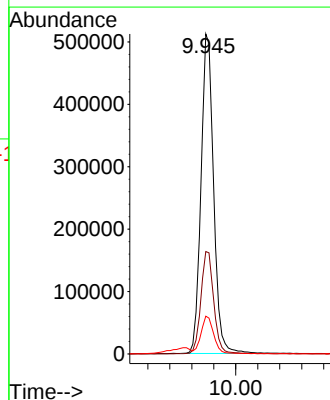
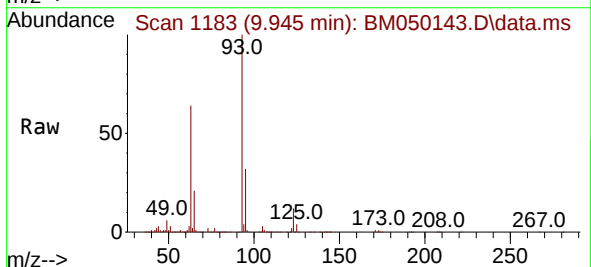
Tgt Ion: 93 Resp: 817207

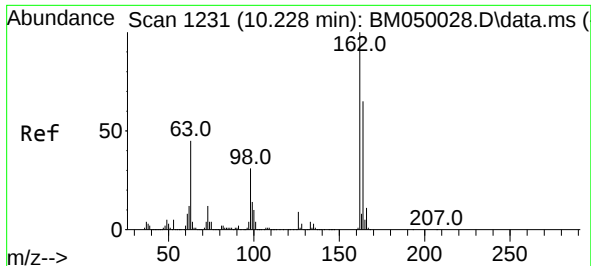
Ion Ratio Lower Upper

93 100

95 32.0 26.1 39.1

123 11.8 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 44.457 ng

RT: 10.210 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

Instrument :

BNA_M

ClientSampleId :

PB167889BSD

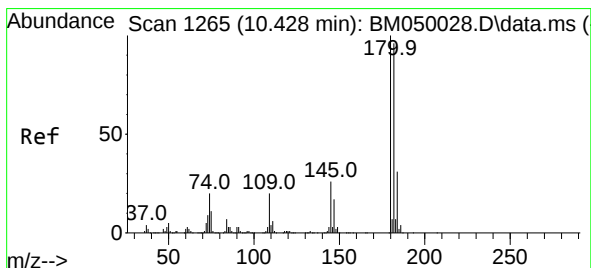
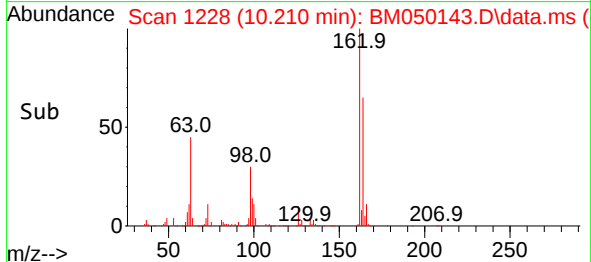
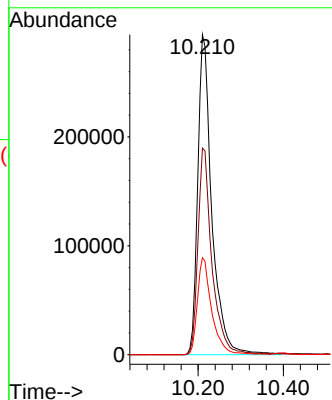
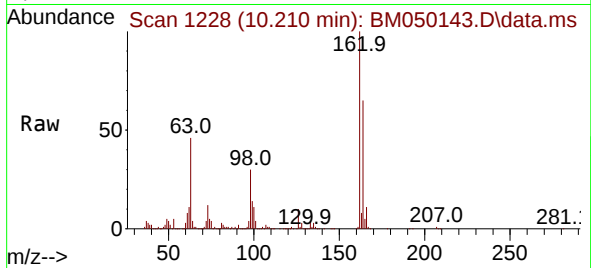
Tgt Ion:162 Resp: 674561

Ion Ratio Lower Upper

162 100

164 64.5 45.4 85.4

98 30.3 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 42.886 ng

RT: 10.398 min Scan# 1260

Delta R.T. -0.006 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

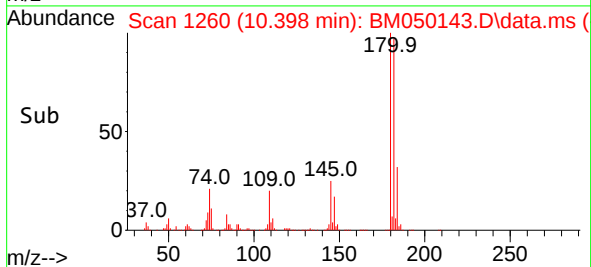
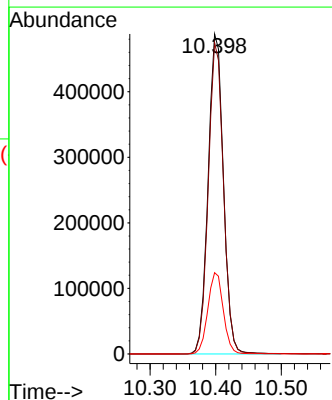
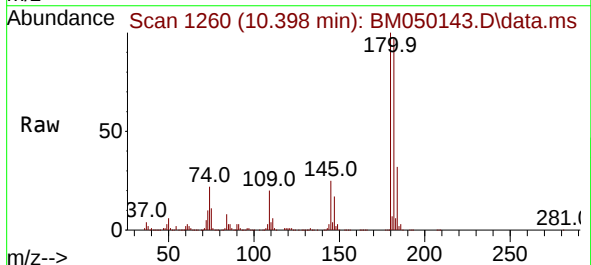
Tgt Ion:180 Resp: 792832

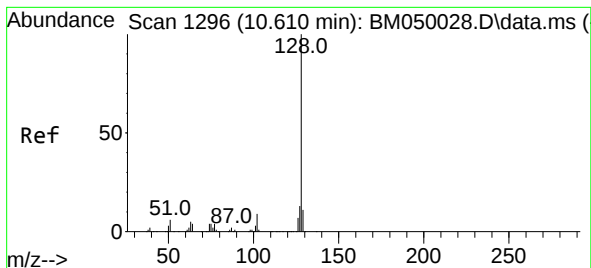
Ion Ratio Lower Upper

180 100

182 97.3 77.0 115.4

145 25.4 20.6 30.8

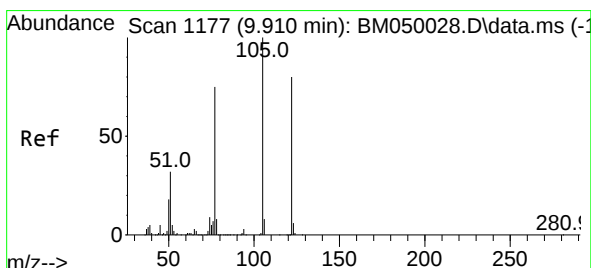
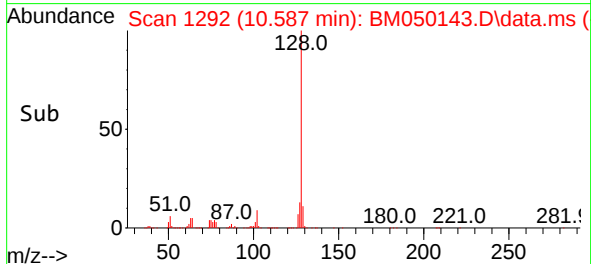
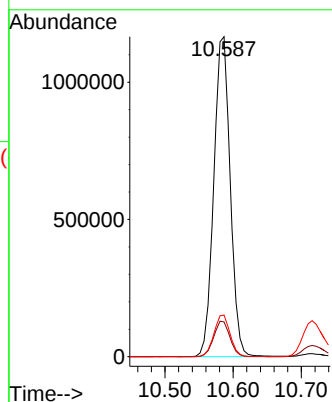
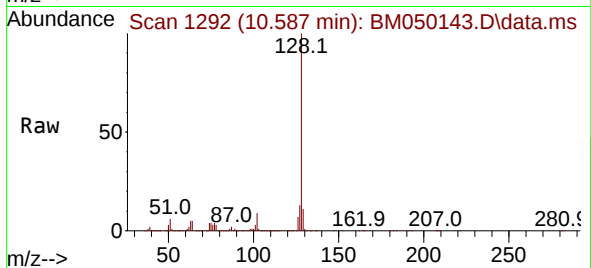




#31
Naphthalene
Concen: 42.366 ng
RT: 10.587 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

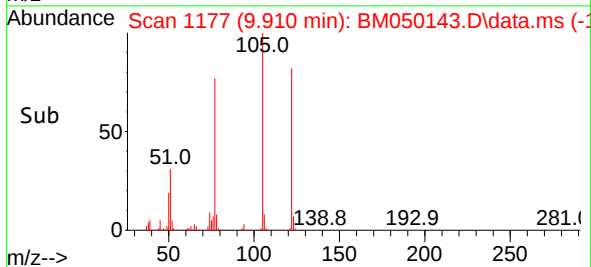
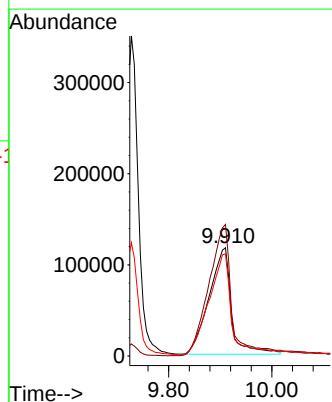
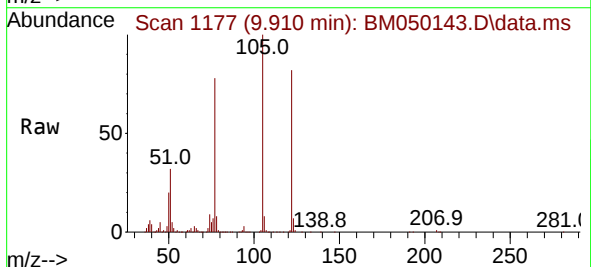
Instrument :
BNA_M
ClientSampleId :
PB167889BSD

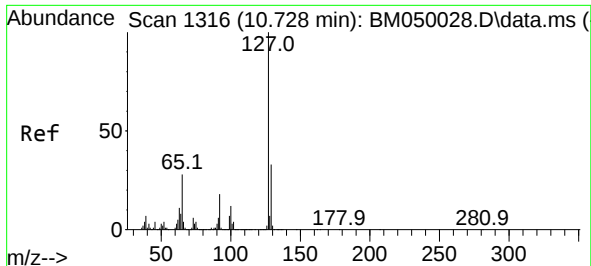
Tgt Ion:128 Resp: 1954746
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 40.585 ng
RT: 9.910 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:122 Resp: 351562
Ion Ratio Lower Upper
122 100
105 121.5 103.6 143.6
77 94.3 73.7 113.7

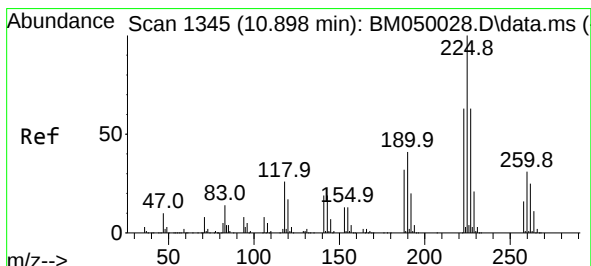
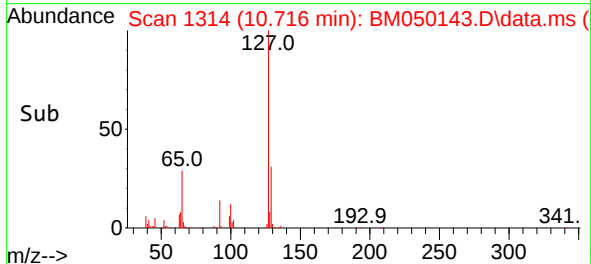
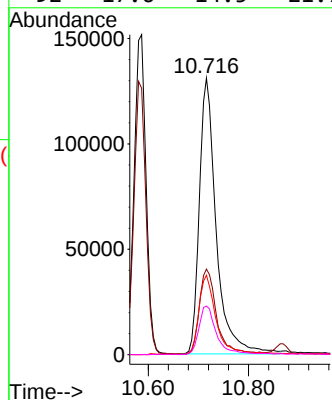
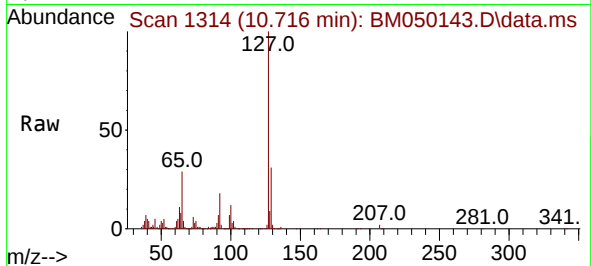




#33
4-Chloroaniline
Concen: 16.214 ng
RT: 10.716 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

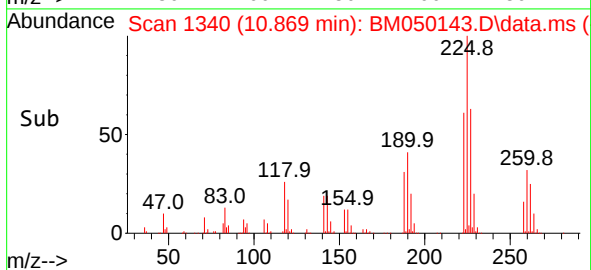
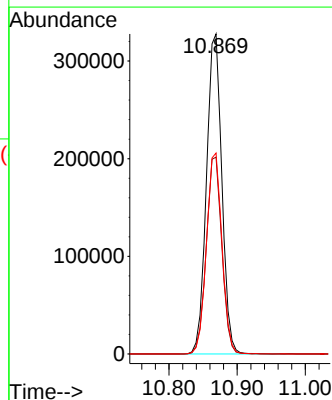
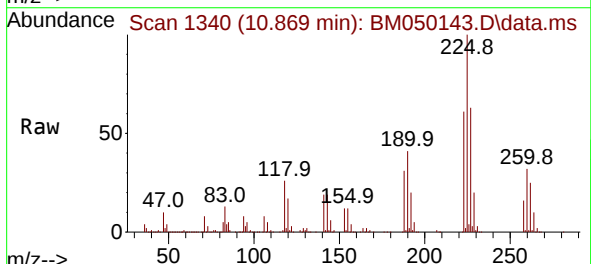
Instrument :
BNA_M
ClientSampleId :
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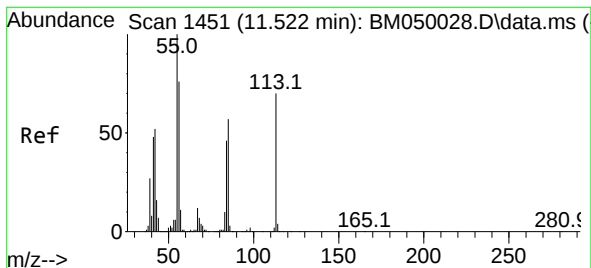
Tgt Ion:127	Resp: 306640
Ion Ratio	Lower Upper
127 100	
129 31.0	26.3 39.5
65 28.7	22.5 33.7
92 17.6	14.5 21.7



#34
Hexachlorobutadiene
Concen: 43.740 ng
RT: 10.869 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:225	Resp: 513285
Ion Ratio	Lower Upper
225 100	
223 61.5	50.2 75.2
227 62.8	50.6 76.0

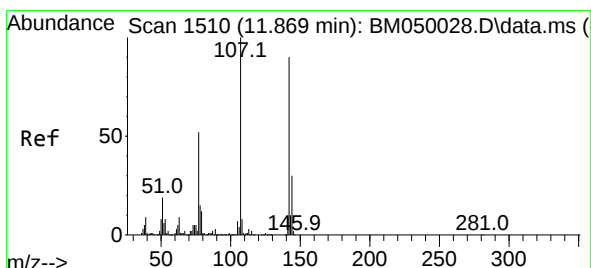
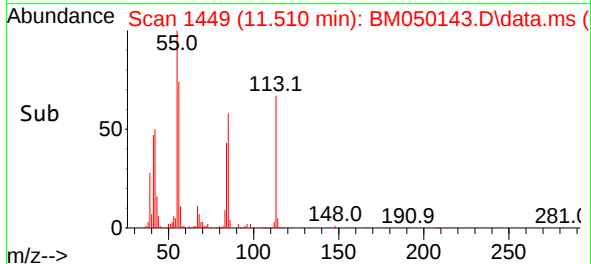
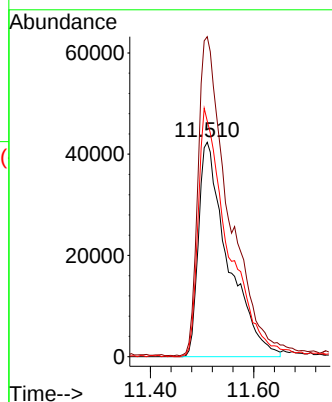
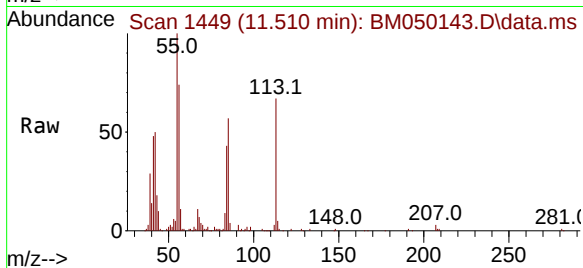




#35
 Caprolactam
 Concen: 37.787 ng
 RT: 11.510 min Scan# 1451
 Delta R.T. -0.006 min
 Lab File: BM050143.D
 Acq: 08 May 2025 12:39

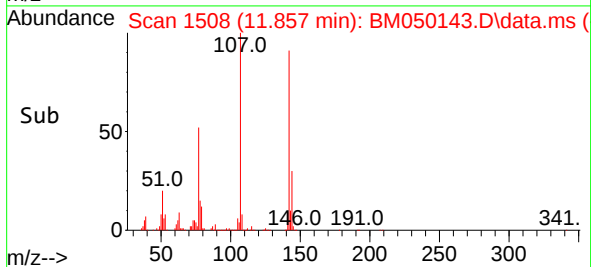
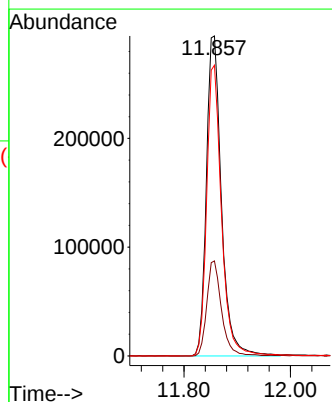
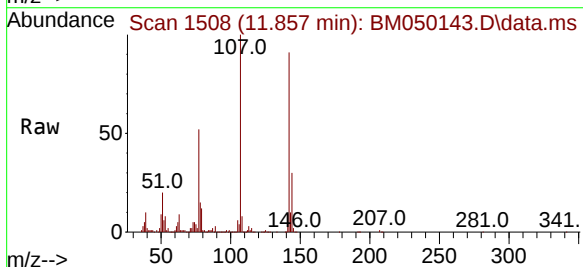
Instrument :
 BNA_M
 ClientSampleId :
 PB167889BSD

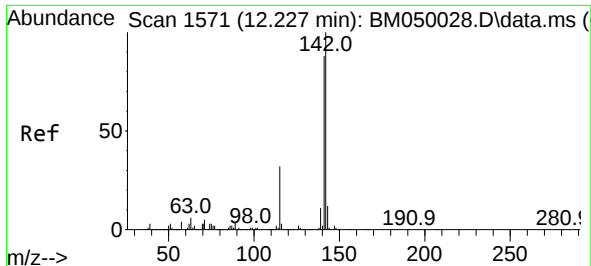
Tgt Ion:113 Resp: 167178
 Ion Ratio Lower Upper
 113 100
 55 149.3 122.9 162.9
 56 110.0 88.1 128.1



#36
 4-Chloro-3-methylphenol
 Concen: 41.105 ng
 RT: 11.857 min Scan# 1508
 Delta R.T. 0.000 min
 Lab File: BM050143.D
 Acq: 08 May 2025 12:39

Tgt Ion:107 Resp: 576231
 Ion Ratio Lower Upper
 107 100
 144 29.7 23.8 35.6
 142 90.8 71.9 107.9

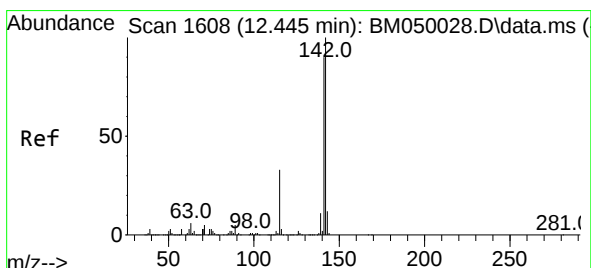
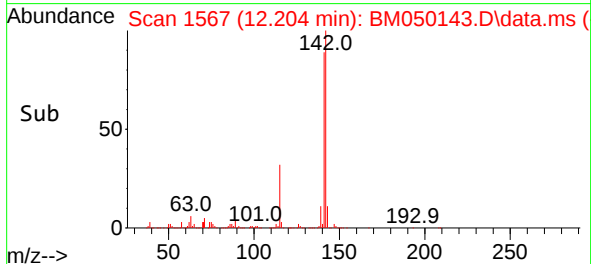
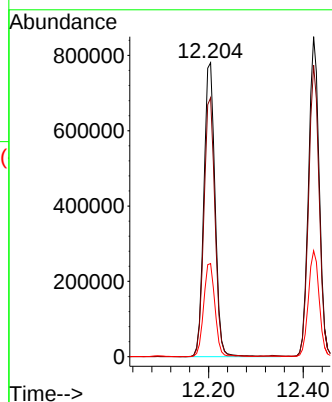
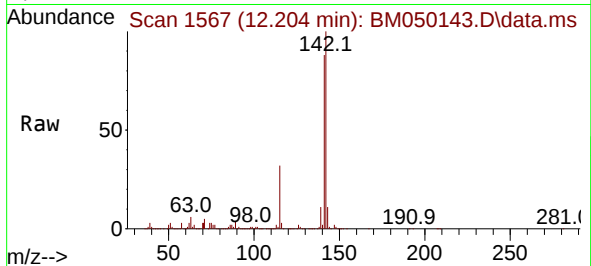




#37
2-Methylnaphthalene
Concen: 41.115 ng
RT: 12.204 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

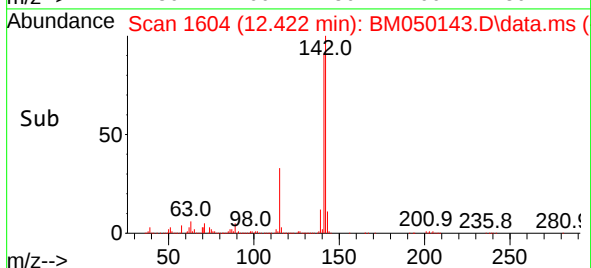
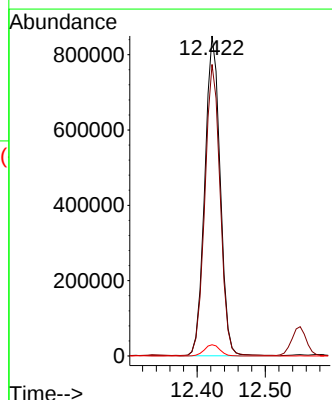
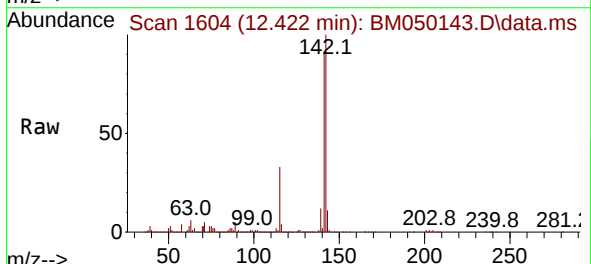
Instrument :
BNA_M
ClientSampleId :
PB167889BSD

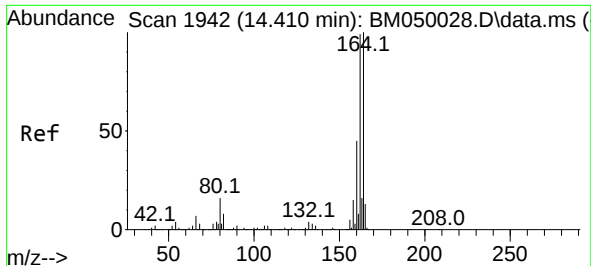
Tgt Ion:142 Resp: 1271852
Ion Ratio Lower Upper
142 100
141 88.1 70.4 105.6
115 31.7 25.4 38.2



#38
1-Methylnaphthalene
Concen: 40.548 ng
RT: 12.422 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:142 Resp: 1327396
Ion Ratio Lower Upper
142 100
141 91.1 72.1 108.1
116 3.5 2.7 4.1

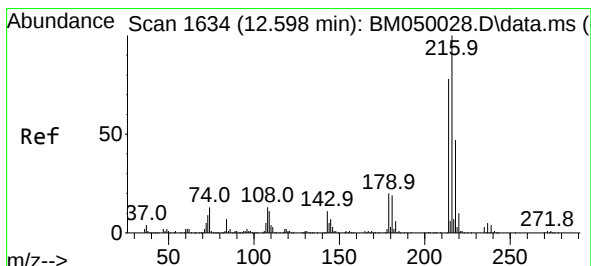
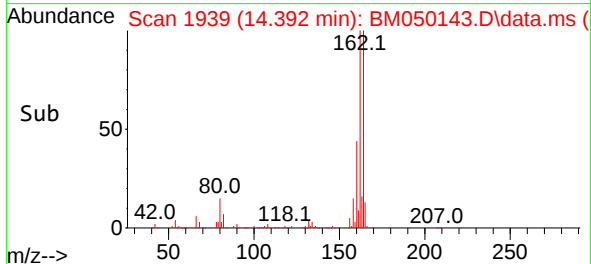
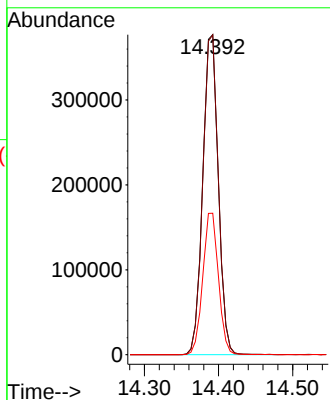
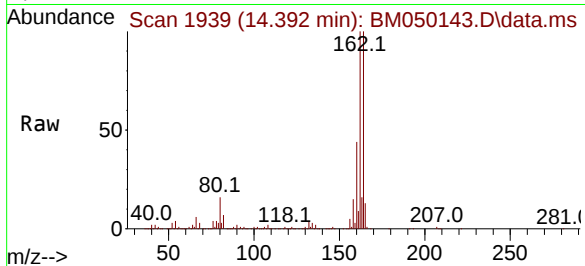




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

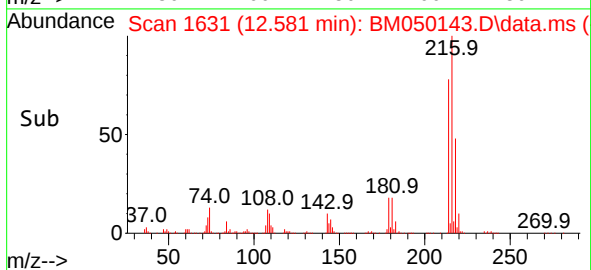
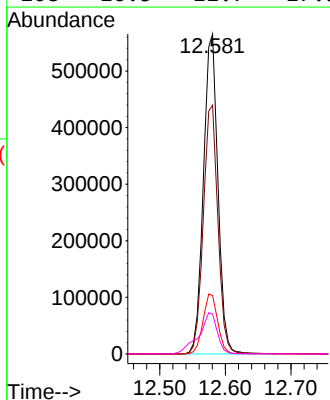
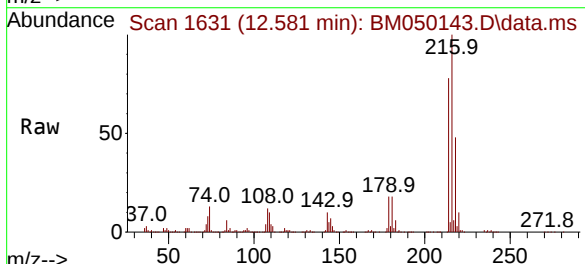
Instrument :
BNA_M
ClientSampleId :
PB167889BSD

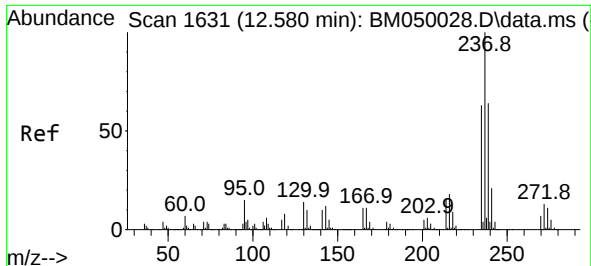
Tgt Ion:164 Resp: 548910
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.0
160 44.2 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.834 ng
RT: 12.581 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

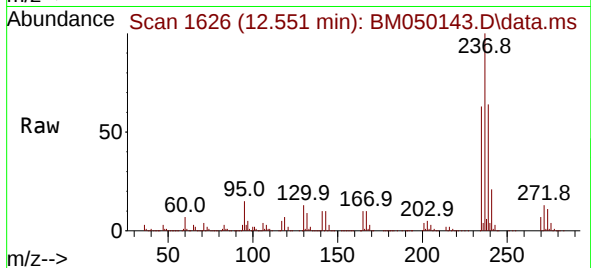
Tgt Ion:216 Resp: 870924
Ion Ratio Lower Upper
216 100
214 78.4 62.3 93.5
179 19.1 15.4 23.0
108 16.5 11.7 17.5



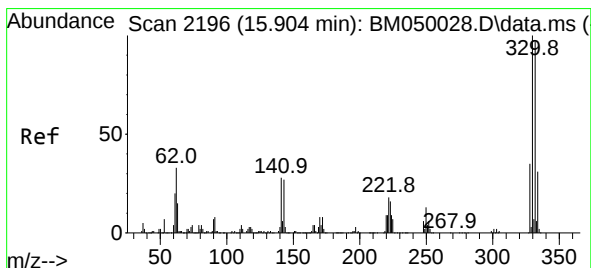
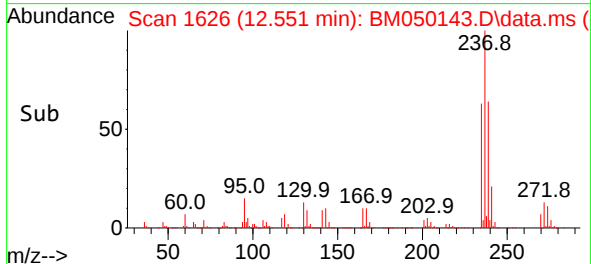
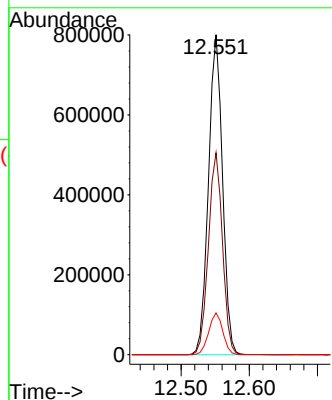


#41
Hexachlorocyclopentadiene
Concen: 98.838 ng
RT: 12.551 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Instrument :
BNA_M
ClientSampleId :
PB167889BSD

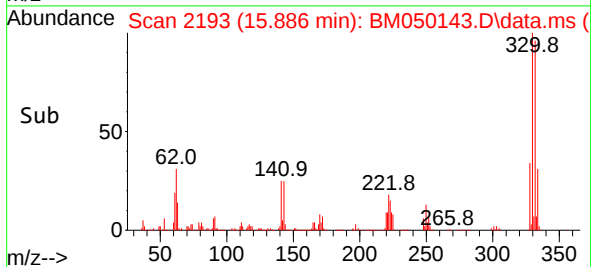
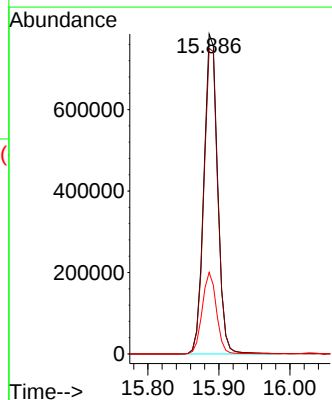
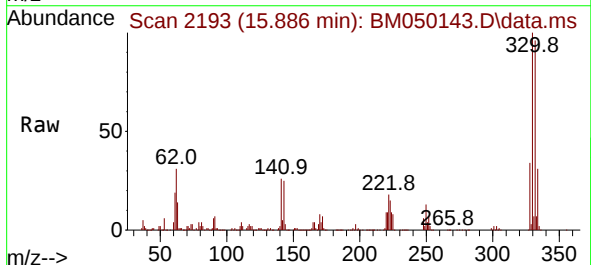


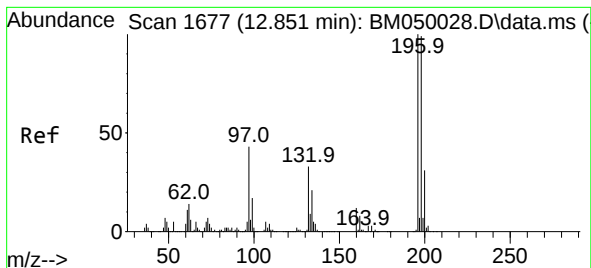
Tgt Ion:237 Resp: 1147740
Ion Ratio Lower Upper
237 100
235 63.1 42.9 82.9
272 13.0 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 131.029 ng
RT: 15.886 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:330 Resp: 1063477
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 26.5 22.5 33.7





#43

2,4,6-Trichlorophenol

Concen: 45.622 ng

RT: 12.833 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

Instrument :

BNA_M

ClientSampleId :

PB167889BSD

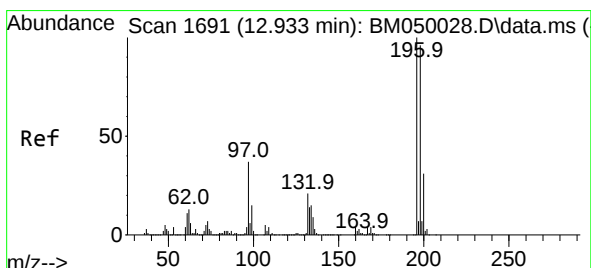
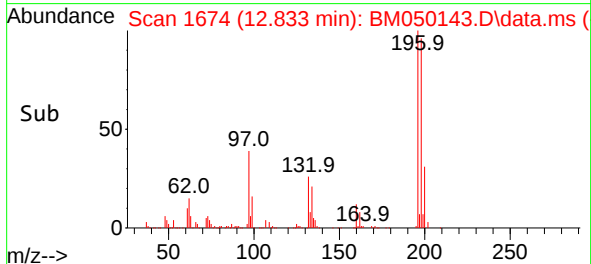
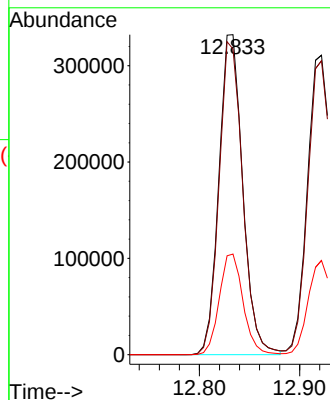
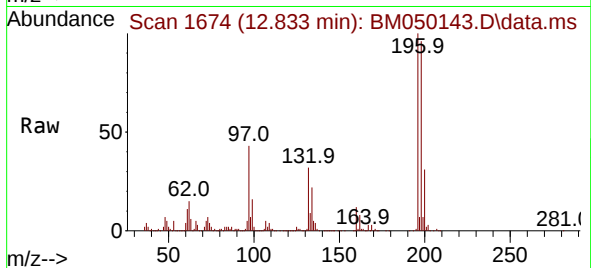
Tgt Ion:196 Resp: 549841

Ion Ratio Lower Upper

196 100

198 95.5 79.0 118.6

200 31.4 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 45.773 ng

RT: 12.922 min Scan# 1689

Delta R.T. 0.000 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

Tgt Ion:196 Resp: 594889

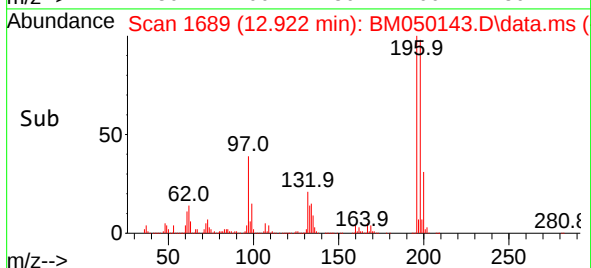
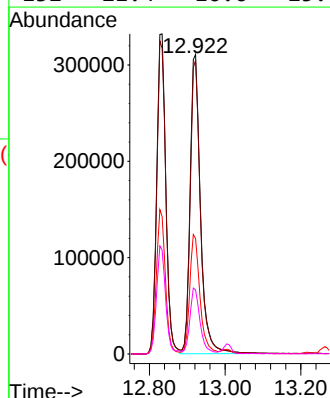
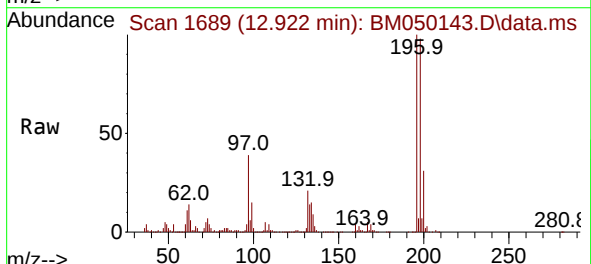
Ion Ratio Lower Upper

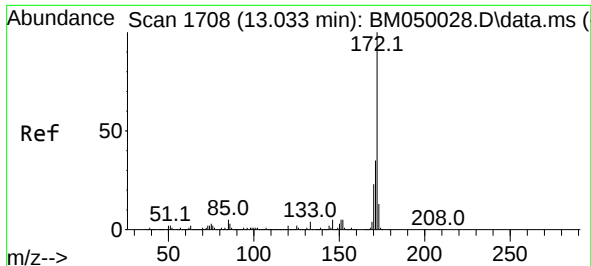
196 100

198 98.2 76.7 115.1

97 38.6 30.1 45.1

132 21.4 16.6 25.0

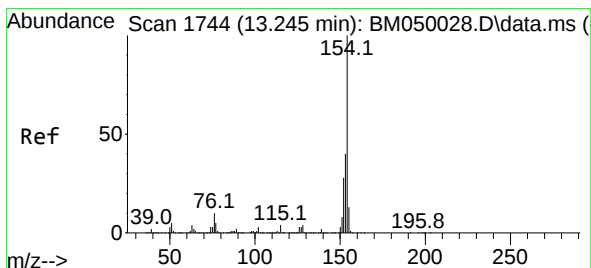
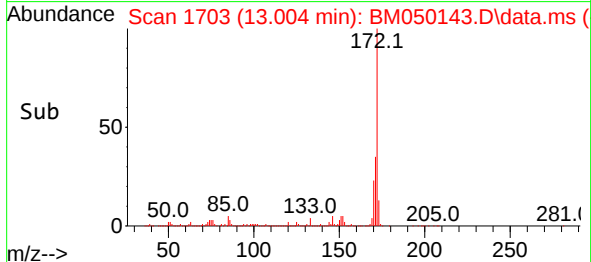
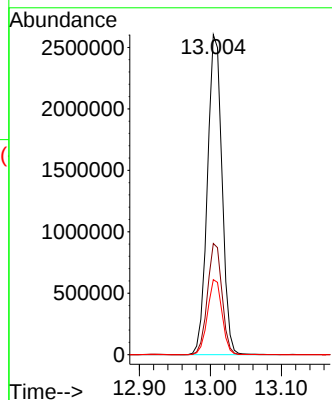
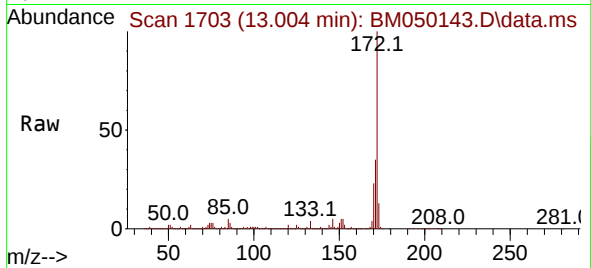




#45
2-Fluorobiphenyl
Concen: 80.242 ng
RT: 13.004 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

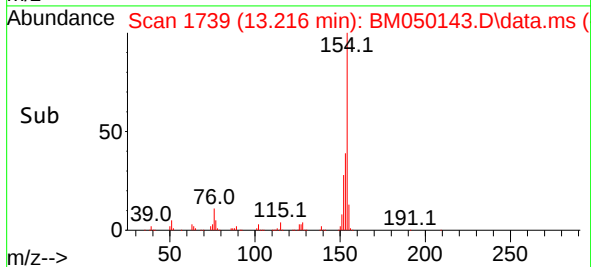
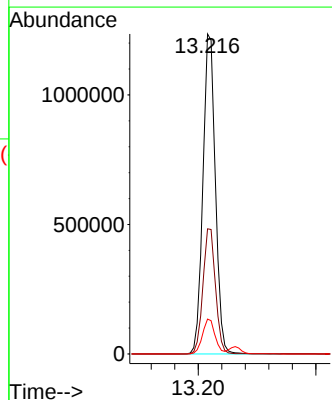
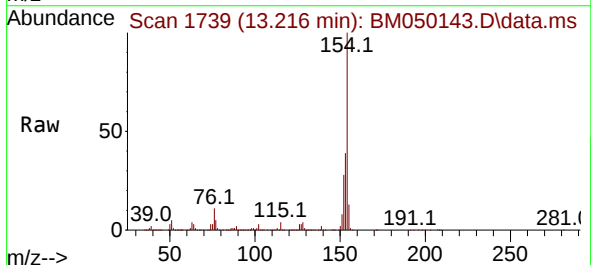
Instrument :
BNA_M
ClientSampleId :
PB167889BSD

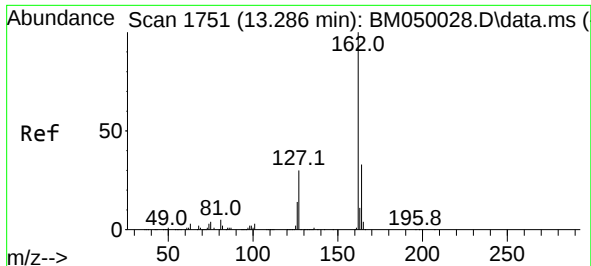
Tgt Ion:172 Resp: 3723241
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.5 18.6 28.0



#46
1,1'-Biphenyl
Concen: 44.444 ng
RT: 13.216 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:154 Resp: 1813471
Ion Ratio Lower Upper
154 100
153 39.1 20.0 60.0
76 10.9 0.0 30.3

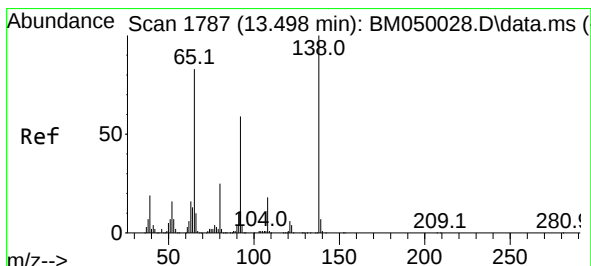
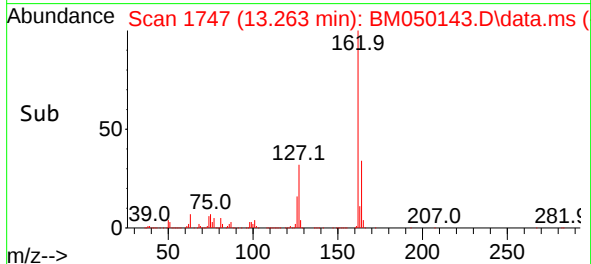
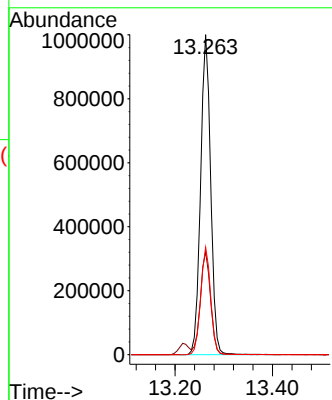
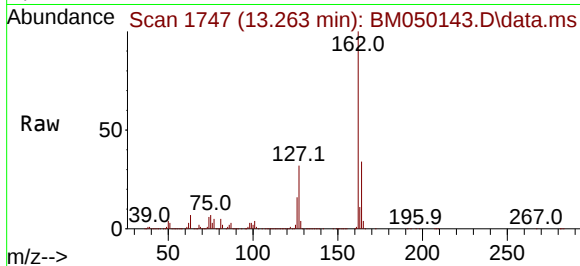




#47
2-Chloronaphthalene
Concen: 44.629 ng
RT: 13.263 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

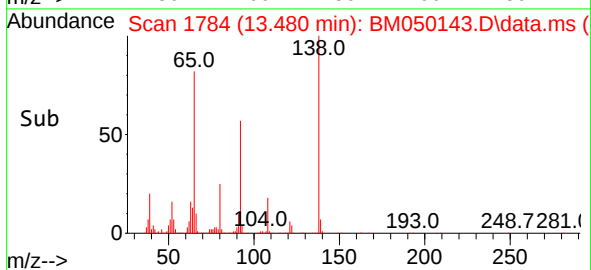
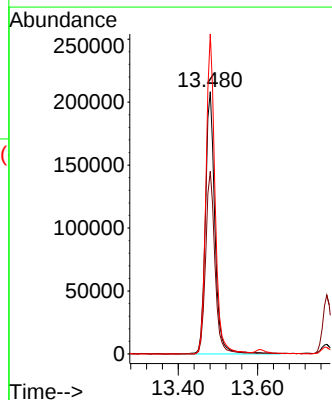
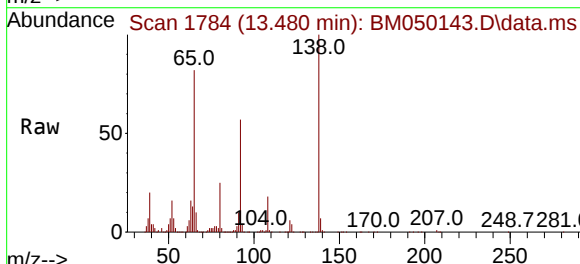
Instrument :
BNA_M
ClientSampleId :
PB167889BSD

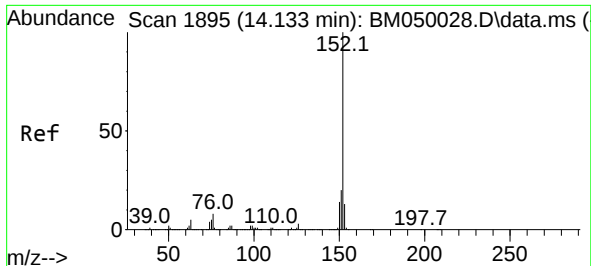
Tgt Ion:162 Resp: 1442235
Ion Ratio Lower Upper
162 100
127 32.1 25.9 38.9
164 33.6 26.6 40.0



#48
2-Nitroaniline
Concen: 45.707 ng
RT: 13.480 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion: 65 Resp: 346667
Ion Ratio Lower Upper
65 100
92 69.6 57.1 85.7
138 122.0 97.0 145.4

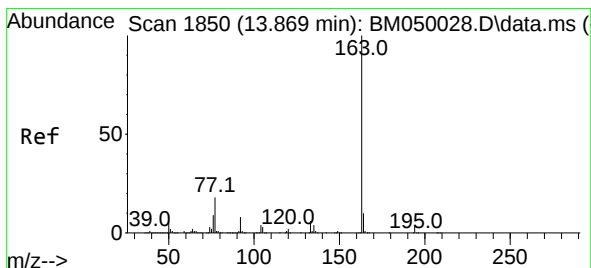
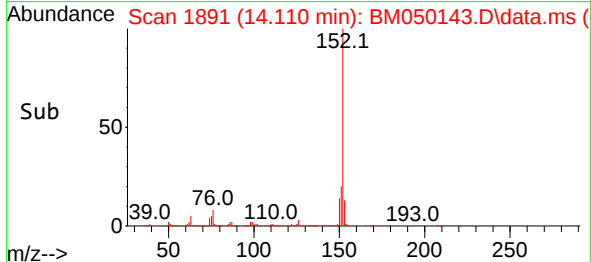
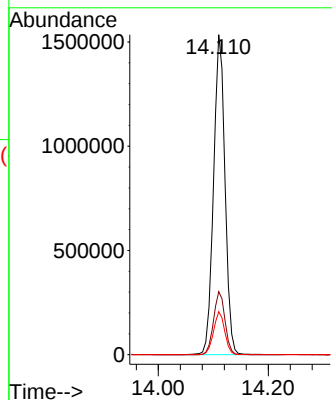
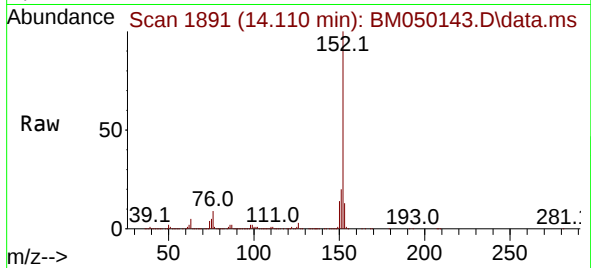




#49
Acenaphthylene
Concen: 43.518 ng
RT: 14.110 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

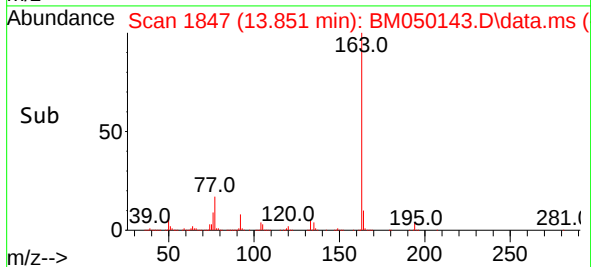
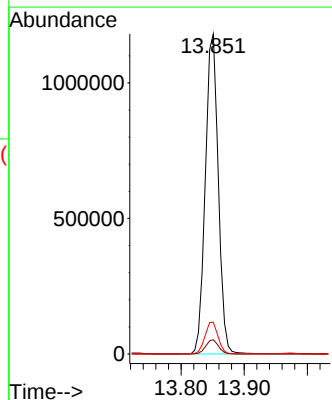
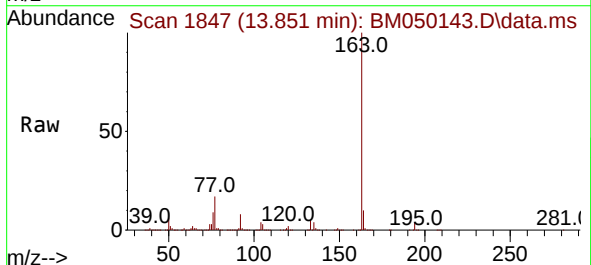
Instrument :
BNA_M
ClientSampleId :
PB167889BSD

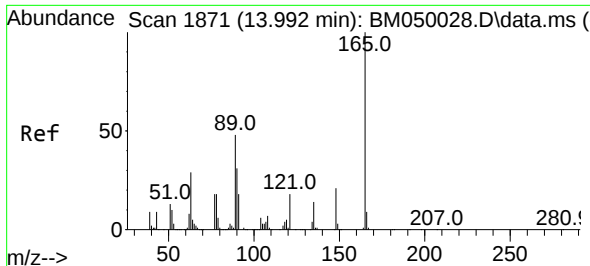
Tgt Ion:152 Resp: 2217366
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.4 10.6 15.8



#50
Dimethylphthalate
Concen: 42.064 ng
RT: 13.851 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:163 Resp: 1687386
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 9.9 8.2 12.2

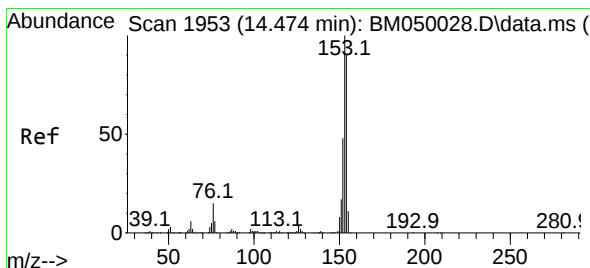
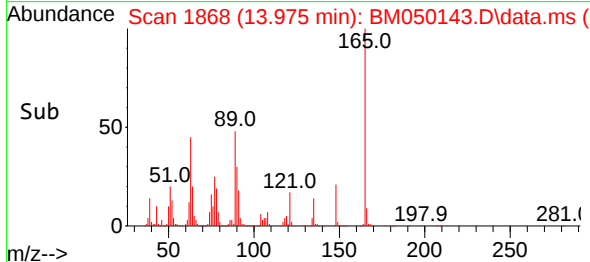
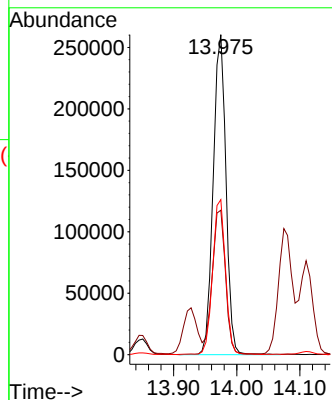
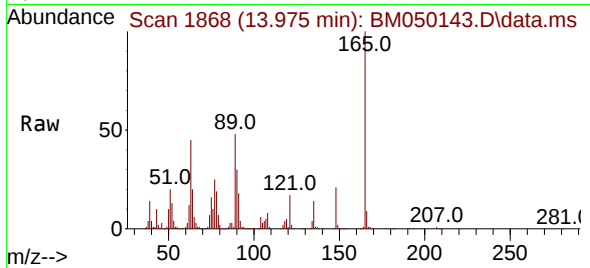




#51
2,6-Dinitrotoluene
Concen: 43.944 ng
RT: 13.975 min Scan# 1868
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

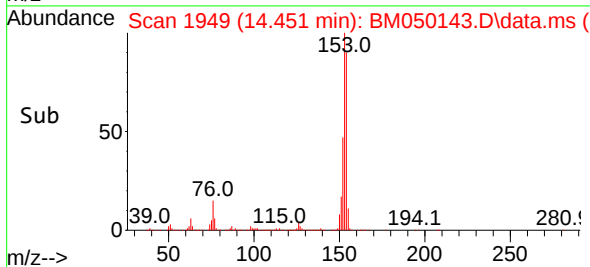
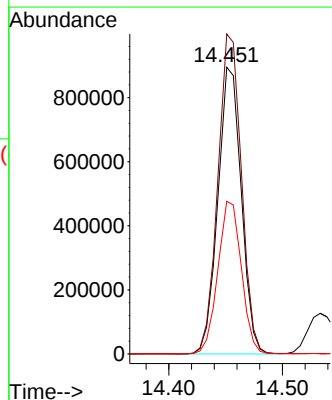
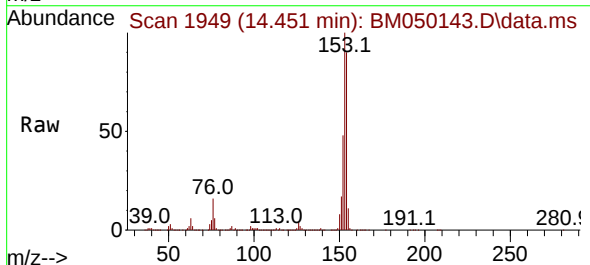
Instrument :
BNA_M
ClientSampleId :
PB167889BSD

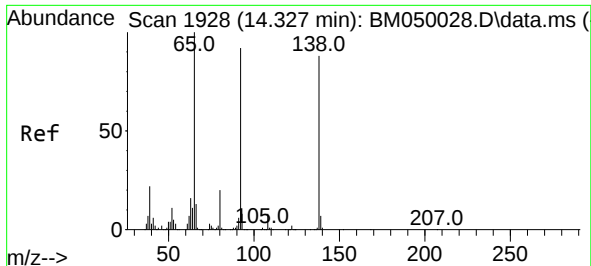
Tgt Ion:165 Resp: 364981
Ion Ratio Lower Upper
165 100
63 45.1 35.1 52.7
89 48.4 38.4 57.6



#52
Acenaphthene
Concen: 43.432 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:154 Resp: 1280948
Ion Ratio Lower Upper
154 100
153 111.6 89.0 133.4
152 53.3 43.0 64.6

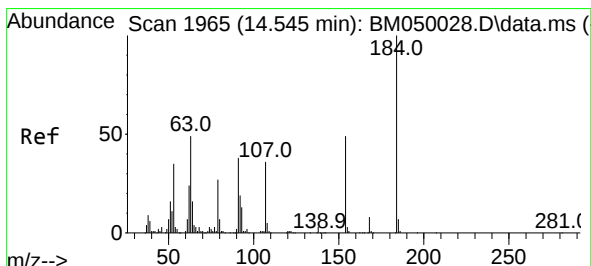
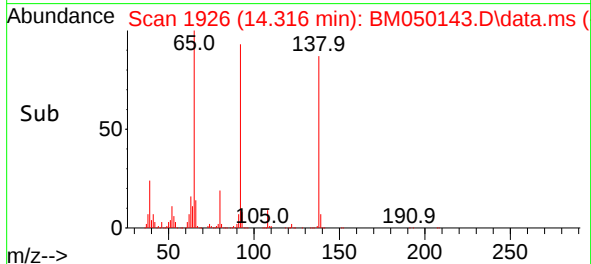
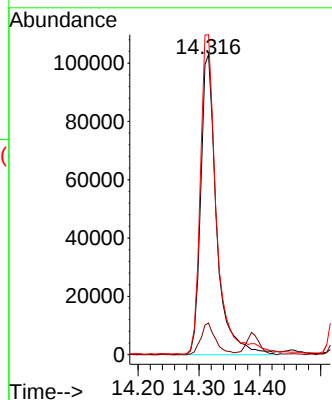
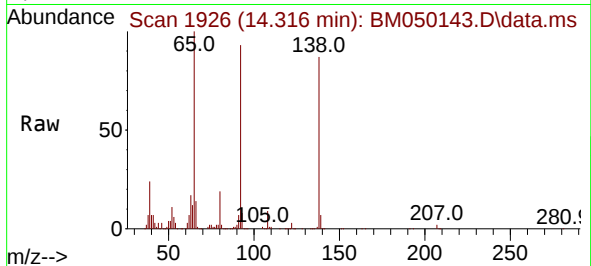




#53
3-Nitroaniline
Concen: 23.606 ng
RT: 14.316 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

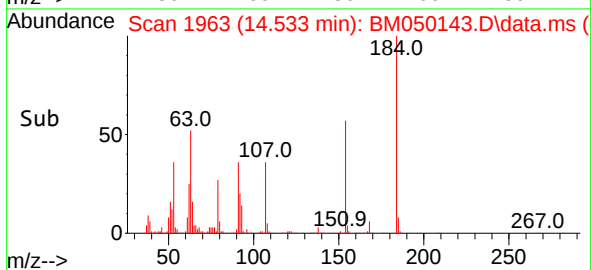
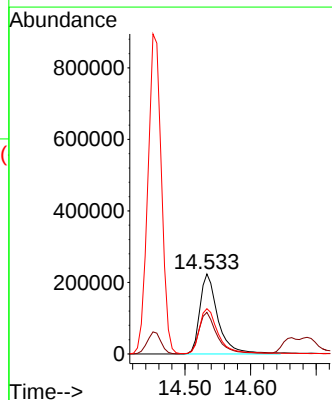
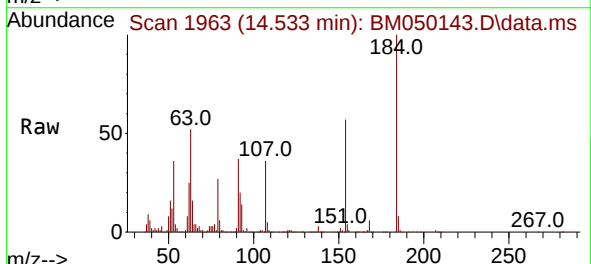
Instrument :
BNA_M
ClientSampleId :
PB167889BSD

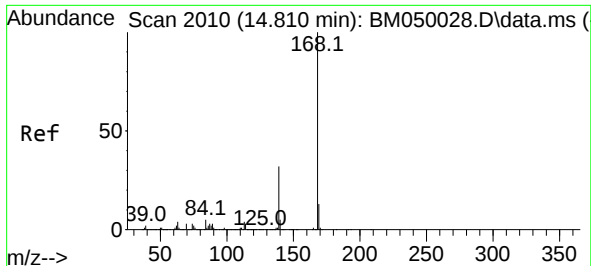
Tgt Ion:138 Resp: 187182
Ion Ratio Lower Upper
138 100
108 10.6 7.4 11.2
92 106.6 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 80.951 ng
RT: 14.533 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:184 Resp: 430670
Ion Ratio Lower Upper
184 100
63 52.0 39.8 59.6
154 56.6 46.1 69.1

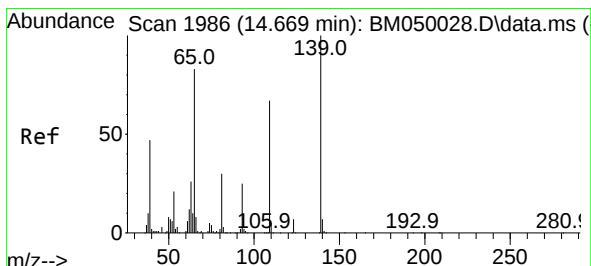
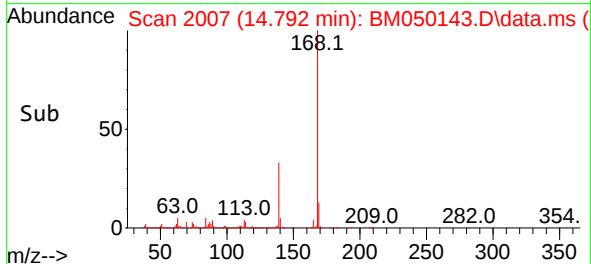
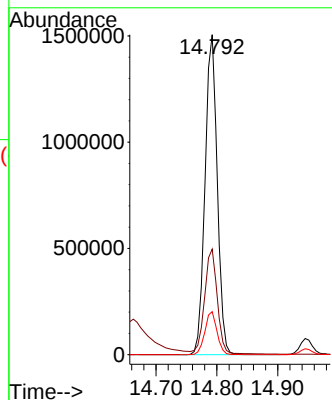
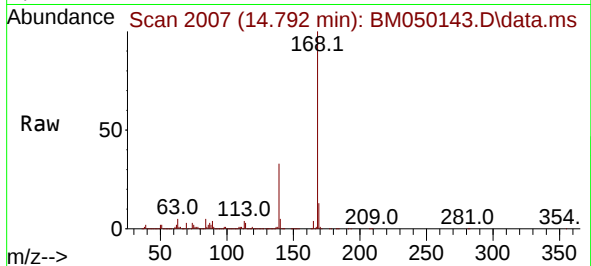




#55
Dibenzenofuran
Concen: 42.639 ng
RT: 14.792 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

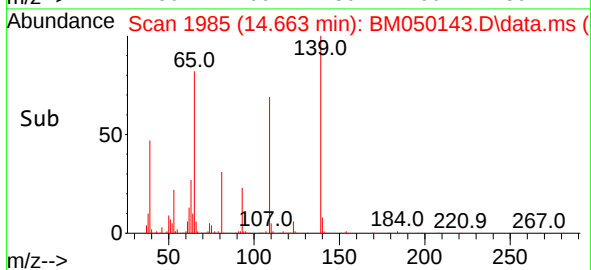
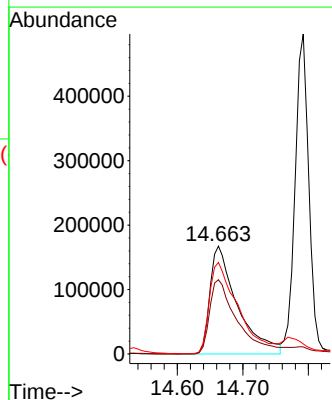
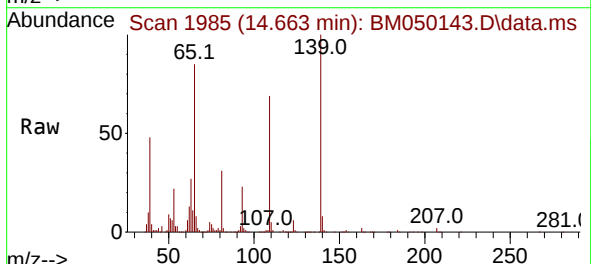
Instrument :
BNA_M
ClientSampleId :
PB167889BSD

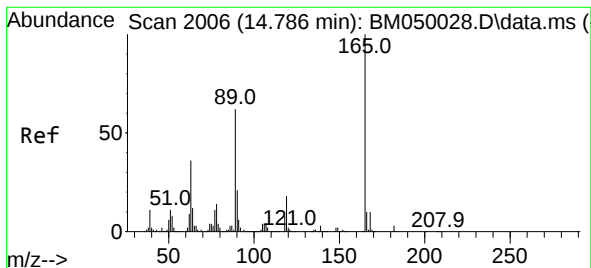
Tgt Ion:168 Resp: 2092337
Ion Ratio Lower Upper
168 100
139 33.0 26.1 39.1
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 75.484 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:139 Resp: 485201
Ion Ratio Lower Upper
139 100
109 68.8 47.0 87.0
65 84.9 64.3 104.3

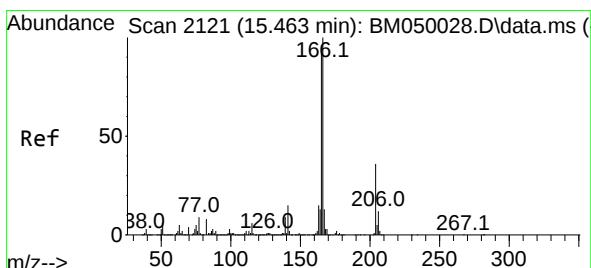
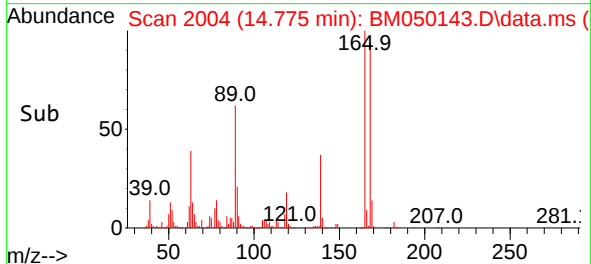
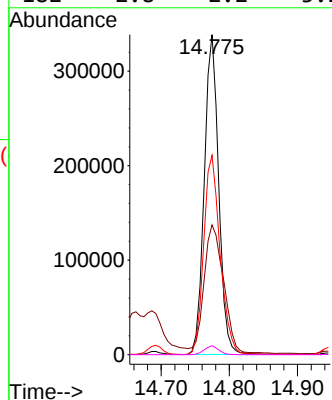
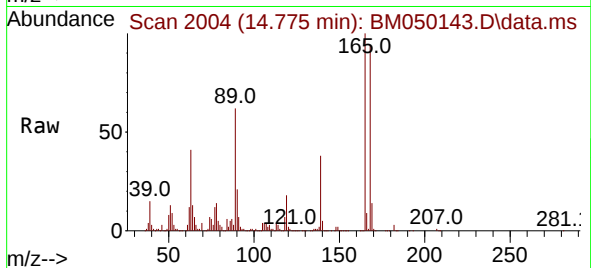




#57
2,4-Dinitrotoluene
Concen: 43.352 ng
RT: 14.775 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

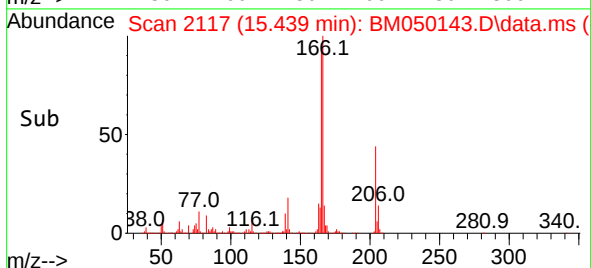
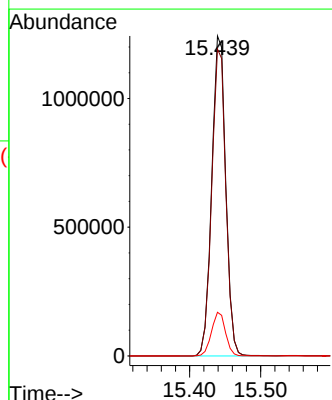
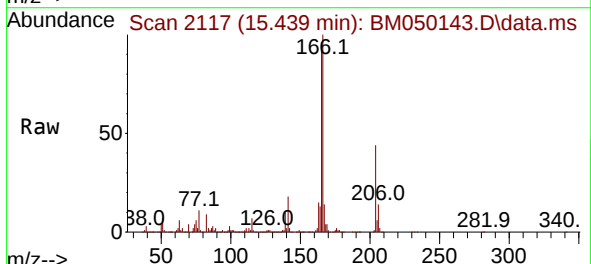
Instrument :
BNA_M
ClientSampleId :
PB167889BSD

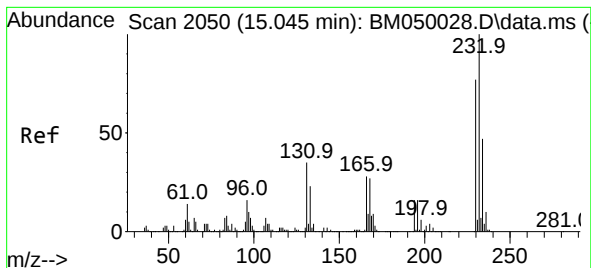
Tgt Ion:165 Resp: 497539
Ion Ratio Lower Upper
165 100
63 40.6 29.0 43.6
89 62.3 49.4 74.2
182 2.8 2.2 3.2



#58
Fluorene
Concen: 42.392 ng
RT: 15.439 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:166 Resp: 1702697
Ion Ratio Lower Upper
166 100
165 95.9 76.6 115.0
167 13.7 10.6 16.0

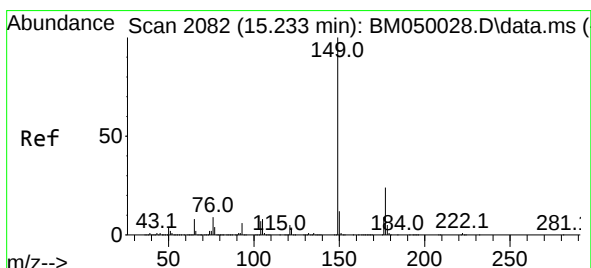
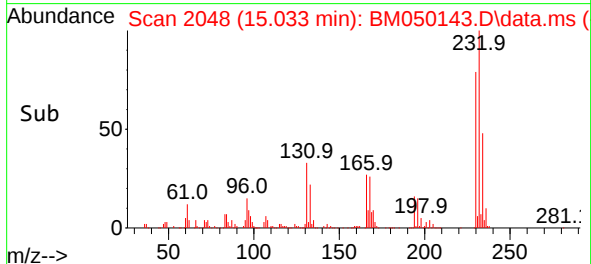
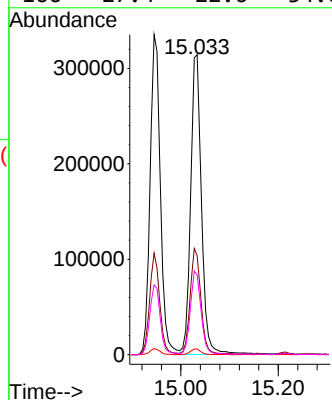
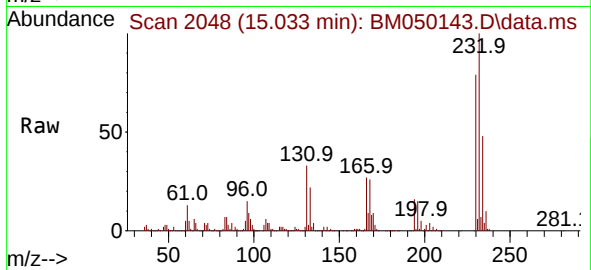




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.868 ng
RT: 15.033 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

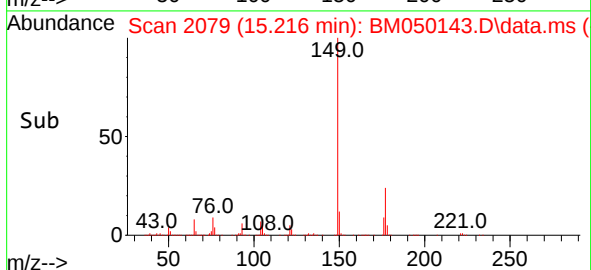
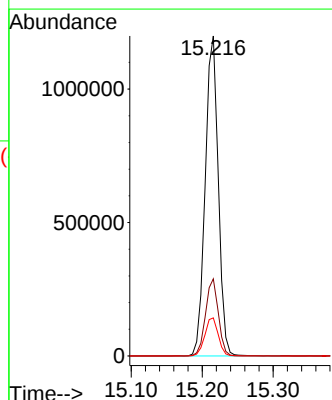
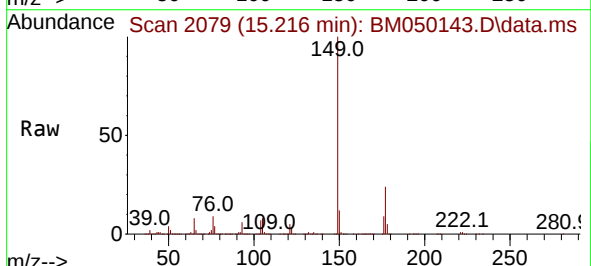
Instrument :
BNA_M
ClientSampleId :
PB167889BSD

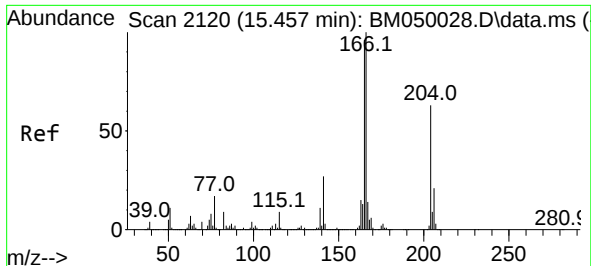
Tgt Ion:232 Resp: 482259
Ion Ratio Lower Upper
232 100
131 34.9 28.2 42.4
130 2.0 1.5 2.3
166 27.4 22.6 34.0



#60
Diethylphthalate
Concen: 40.672 ng
RT: 15.216 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:149 Resp: 1537382
Ion Ratio Lower Upper
149 100
177 24.1 19.1 28.7
150 11.9 9.6 14.4

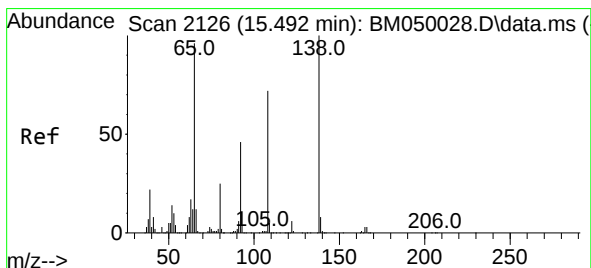
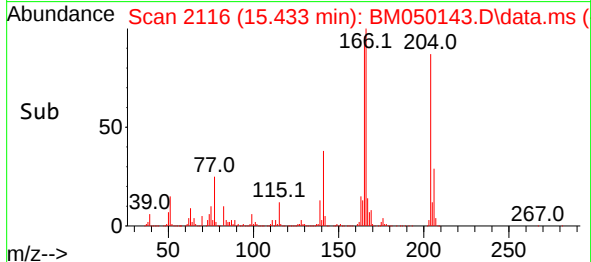
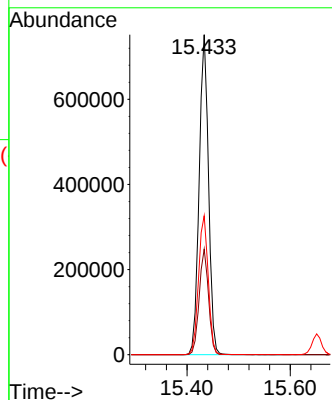
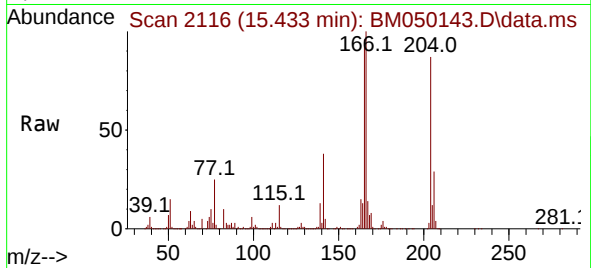




#61
4-Chlorophenyl-phenylether
Concen: 42.723 ng
RT: 15.433 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

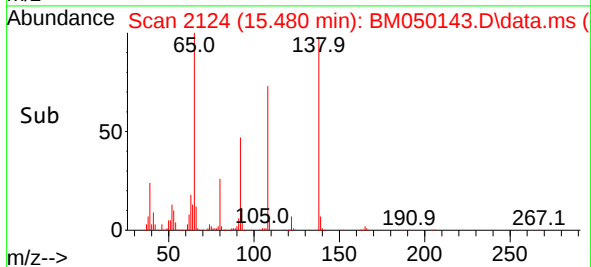
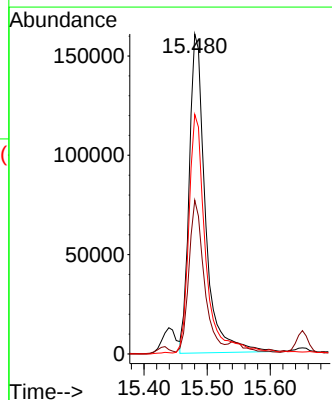
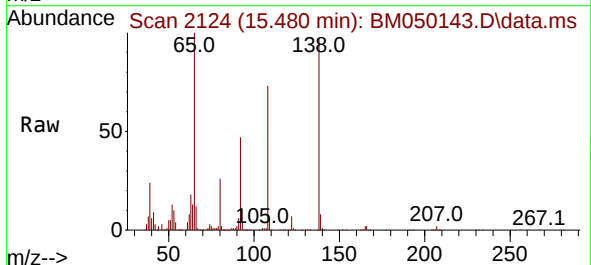
Instrument :
BNA_M
ClientSampleId :
PB167889BSD

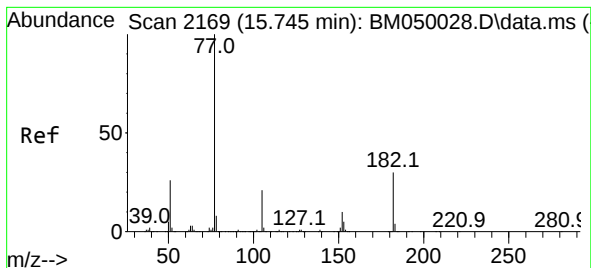
Tgt Ion:204 Resp: 942516
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 43.4 34.0 51.0



#62
4-Nitroaniline
Concen: 37.288 ng
RT: 15.480 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:138 Resp: 285268
Ion Ratio Lower Upper
138 100
92 48.0 25.9 65.9
108 74.8 52.4 92.4





#63

Azobenzene

Concen: 42.471 ng

RT: 15.727 min Scan# 2166

Delta R.T. 0.000 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

Instrument :

BNA_M

ClientSampleId :

PB167889BSD

Tgt Ion: 77 Resp: 1345417

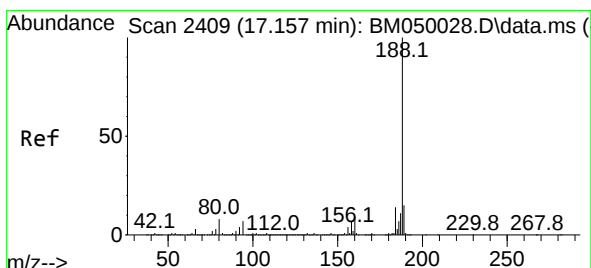
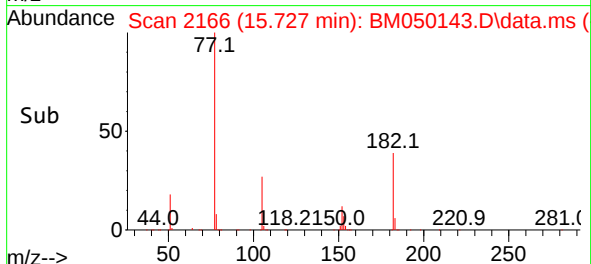
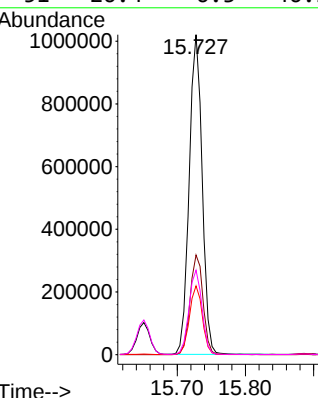
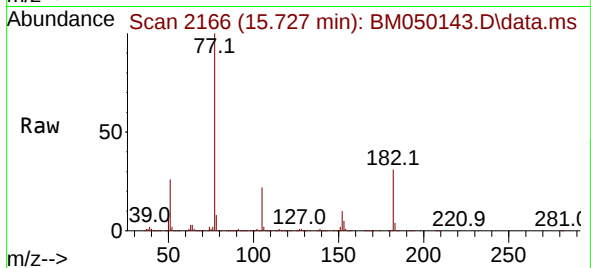
Ion Ratio Lower Upper

77 100

182 31.2 10.5 50.5

105 21.5 1.1 41.1

51 26.4 6.3 46.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.139 min Scan# 2406

Delta R.T. 0.000 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

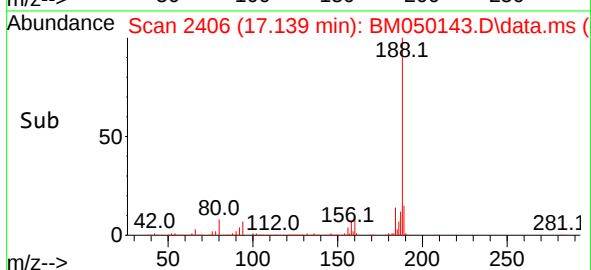
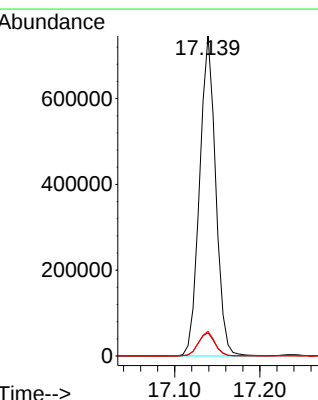
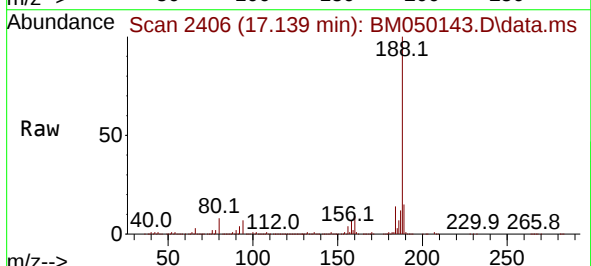
Tgt Ion: 188 Resp: 982803

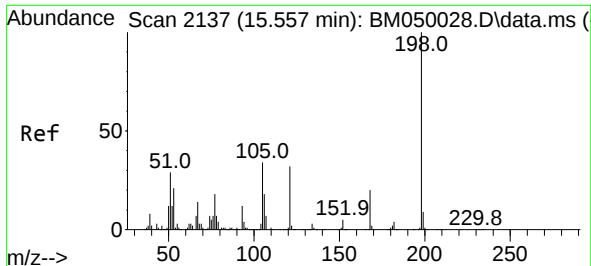
Ion Ratio Lower Upper

188 100

94 7.3 5.7 8.5

80 7.7 6.2 9.4

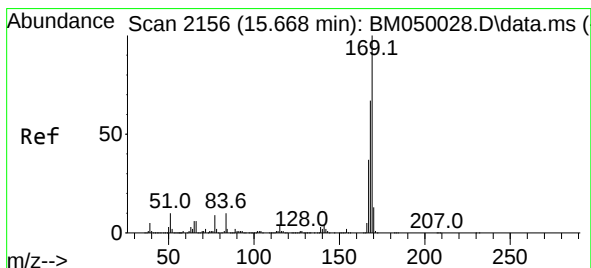
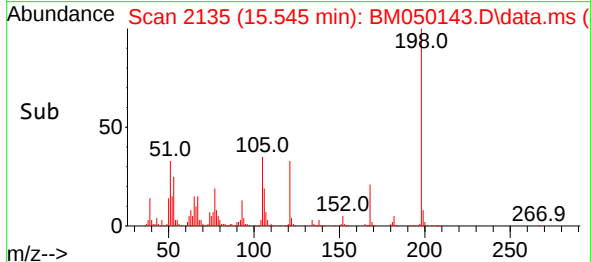
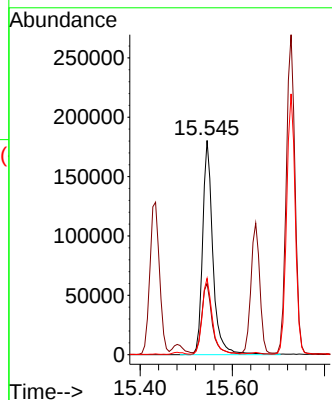
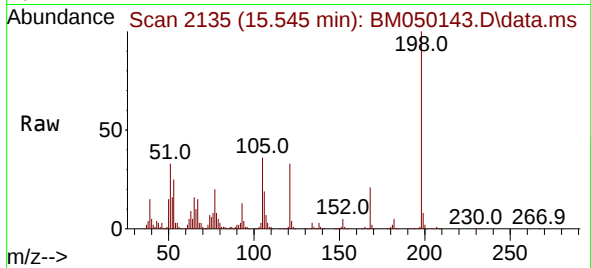




#65
4,6-Dinitro-2-methylphenol
Concen: 45.488 ng
RT: 15.545 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

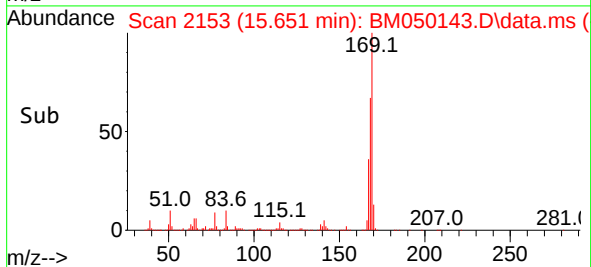
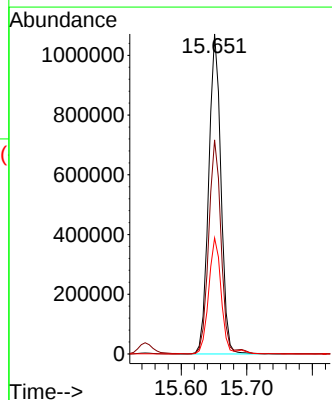
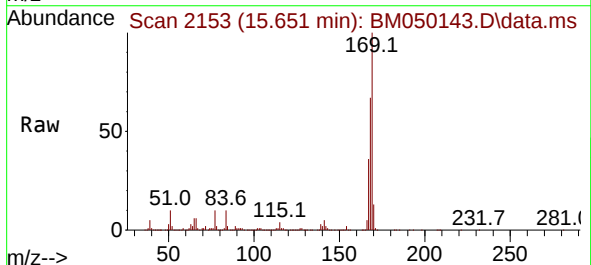
Instrument :
BNA_M
ClientSampleId :
PB167889BSD

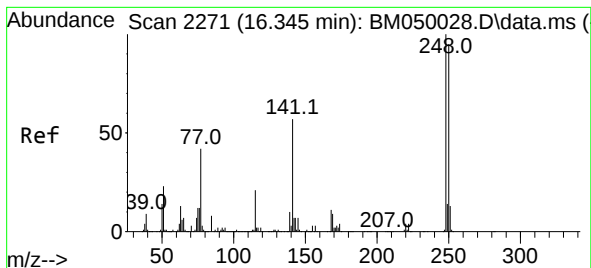
Tgt Ion:198 Resp: 279844
Ion Ratio Lower Upper
198 100
51 33.3 10.4 50.4
105 35.6 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 46.156 ng
RT: 15.651 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:169 Resp: 1392965
Ion Ratio Lower Upper
169 100
168 66.9 53.4 80.2
167 36.2 29.4 44.0

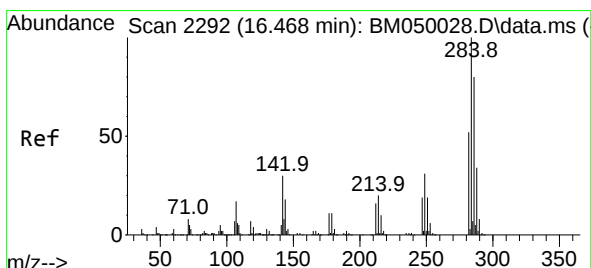
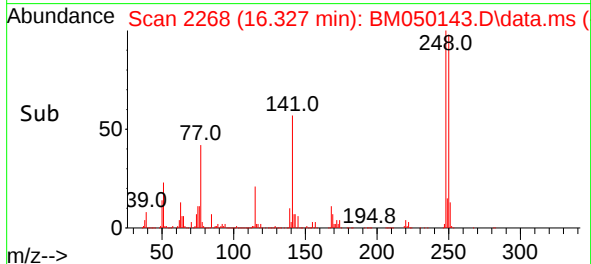
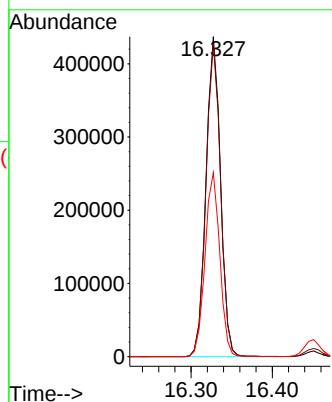
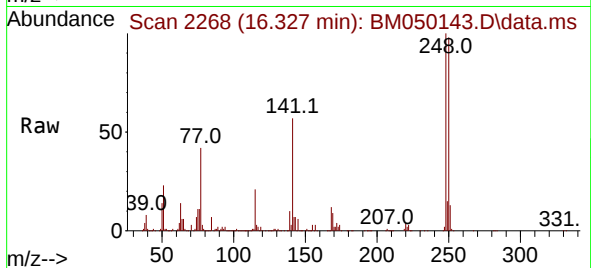




#67
4-Bromophenyl-phenylether
Concen: 45.638 ng
RT: 16.327 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

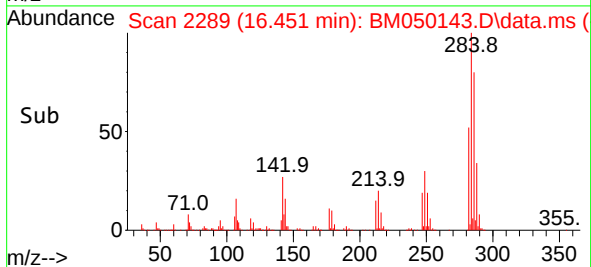
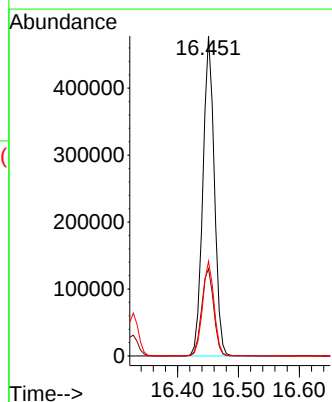
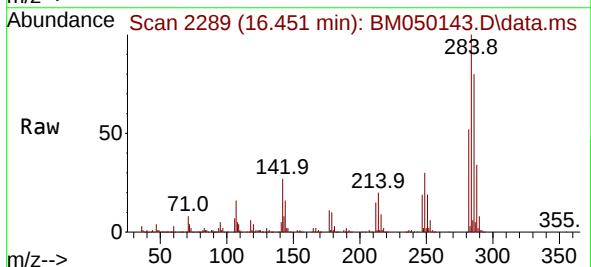
Instrument :
BNA_M
ClientSampleId :
PB167889BSD

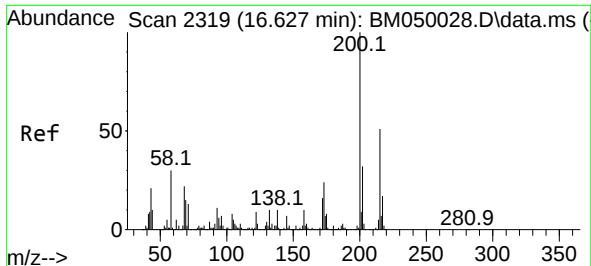
Tgt Ion:248 Resp: 542393
Ion Ratio Lower Upper
248 100
250 97.6 76.2 114.2
141 57.5 45.9 68.9



#68
Hexachlorobenzene
Concen: 45.623 ng
RT: 16.451 min Scan# 2289
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:284 Resp: 625015
Ion Ratio Lower Upper
284 100
142 27.3 23.9 35.9
249 29.6 24.5 36.7

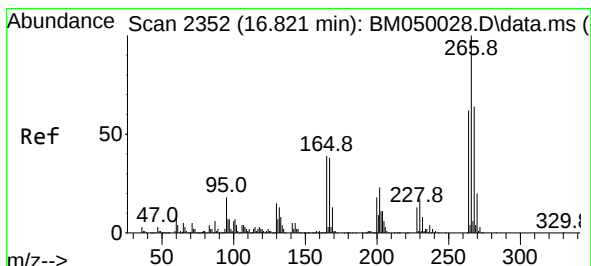
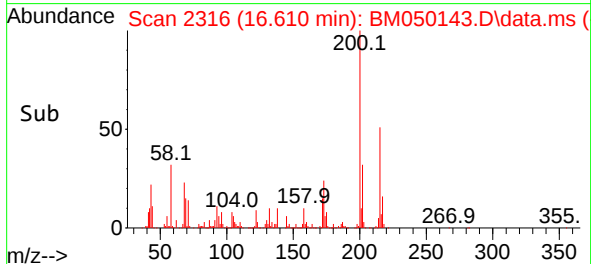
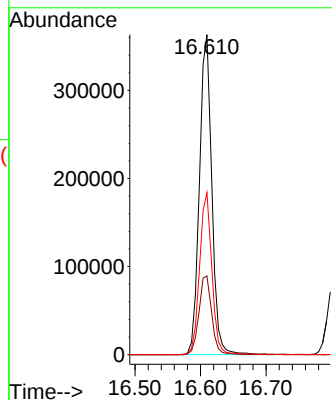
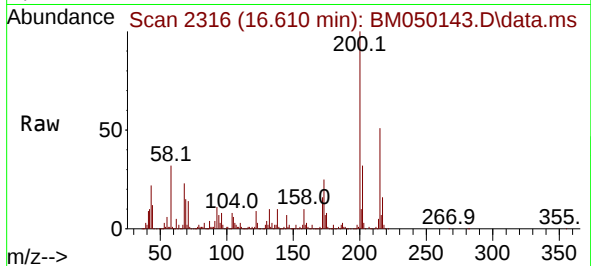




#69
 Atrazine
 Concen: 43.989 ng
 RT: 16.610 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM050143.D
 Acq: 08 May 2025 12:39

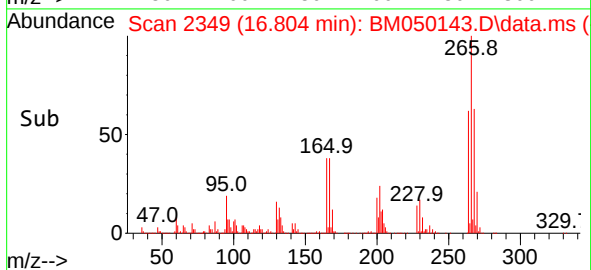
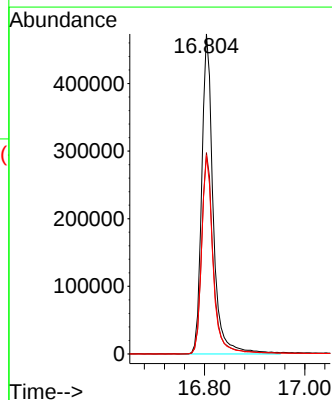
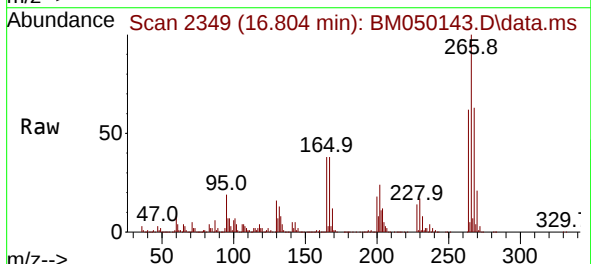
Instrument :
 BNA_M
 ClientSampleId :
 PB167889BSD

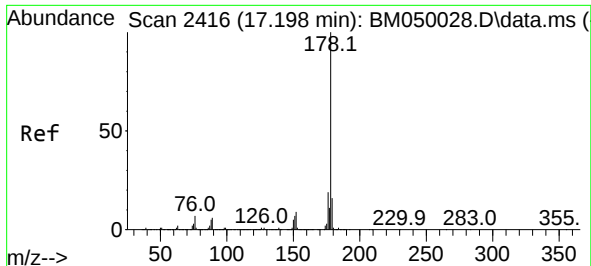
Tgt Ion:200 Resp: 478867
 Ion Ratio Lower Upper
 200 100
 173 24.6 4.3 44.3
 215 50.6 30.6 70.6



#70
 Pentachlorophenol
 Concen: 97.091 ng
 RT: 16.804 min Scan# 2349
 Delta R.T. -0.006 min
 Lab File: BM050143.D
 Acq: 08 May 2025 12:39

Tgt Ion:266 Resp: 748706
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.2 76.8
 264 62.1 49.6 74.4

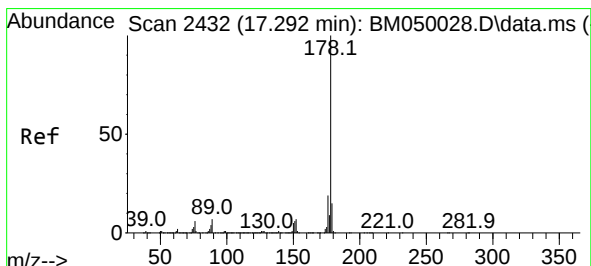
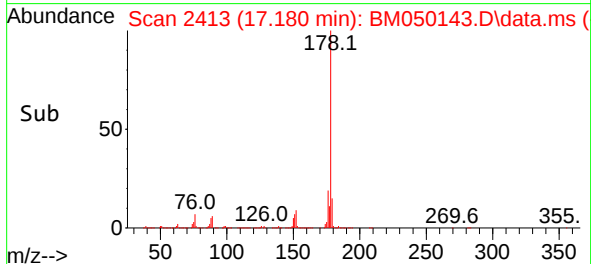
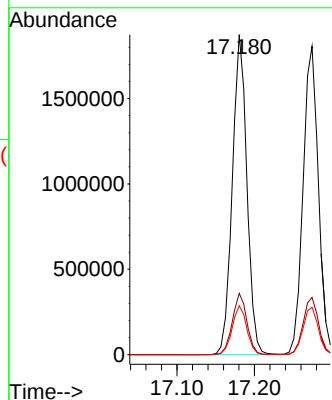
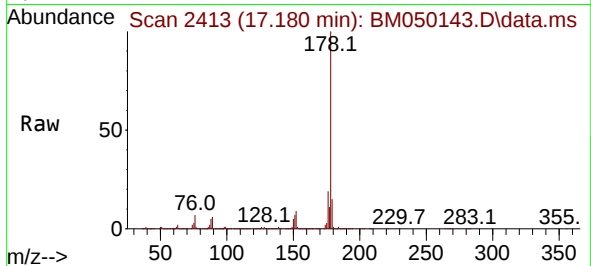




#71
 Phenanthrene
 Concen: 44.316 ng
 RT: 17.180 min Scan# 2416
 Delta R.T. -0.006 min
 Lab File: BM050143.D
 Acq: 08 May 2025 12:39

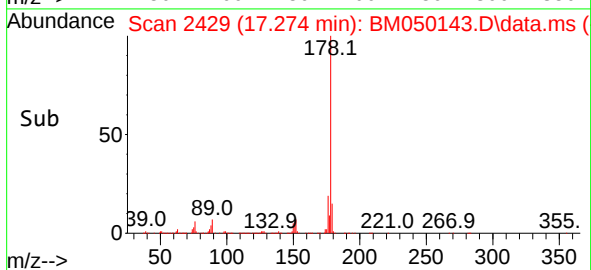
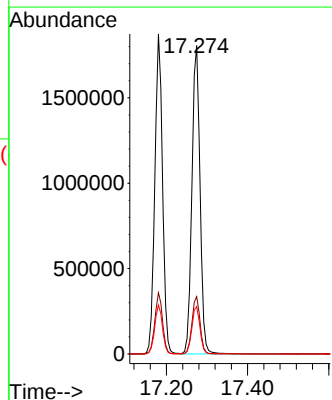
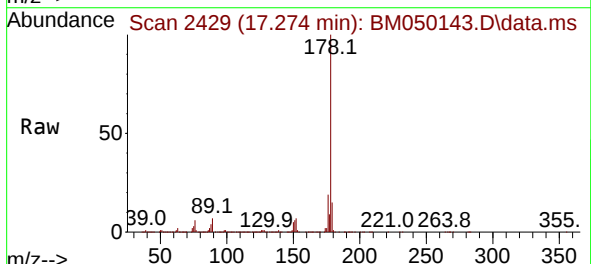
Instrument :
 BNA_M
 ClientSampleId :
 PB167889BSD

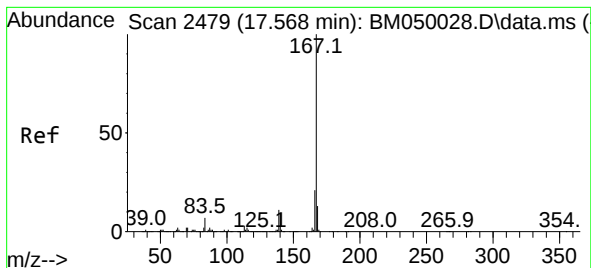
Tgt Ion:178 Resp: 2456477
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.3 22.9
 179 15.3 12.4 18.6



#72
 Anthracene
 Concen: 44.573 ng
 RT: 17.274 min Scan# 2429
 Delta R.T. 0.000 min
 Lab File: BM050143.D
 Acq: 08 May 2025 12:39

Tgt Ion:178 Resp: 2500364
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.0 22.4
 179 15.4 12.2 18.4





#73

Carbazole

Concen: 44.019 ng

RT: 17.551 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

Instrument :

BNA_M

ClientSampleId :

PB167889BSD

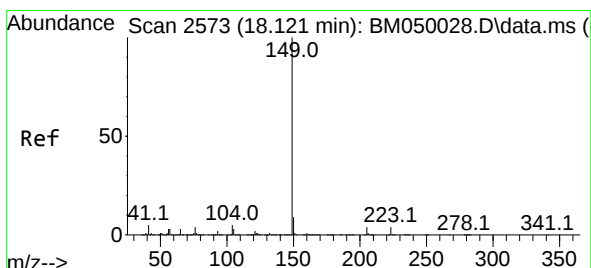
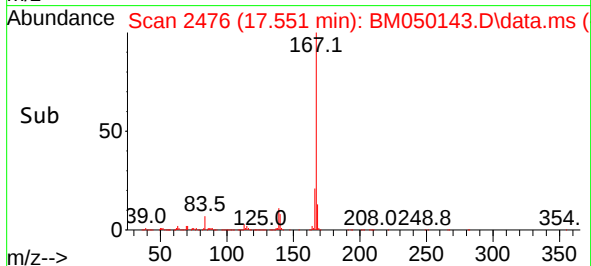
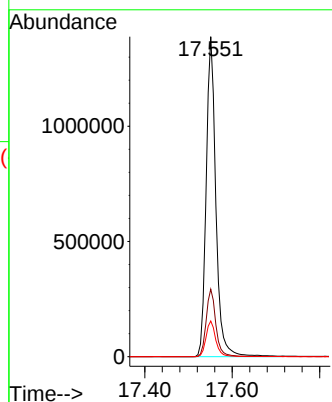
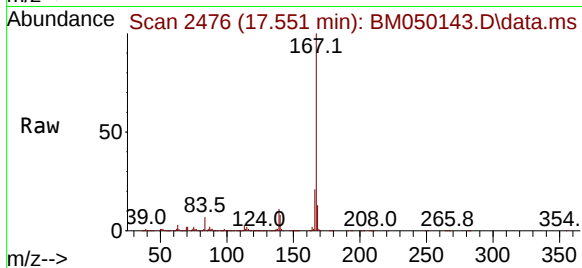
Tgt Ion:167 Resp: 2142721

Ion Ratio Lower Upper

167 100

166 21.1 17.2 25.8

139 11.2 9.0 13.6



#74

Di-n-butylphthalate

Concen: 43.142 ng

RT: 18.104 min Scan# 2570

Delta R.T. 0.000 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

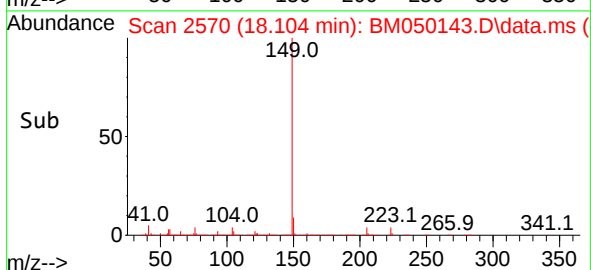
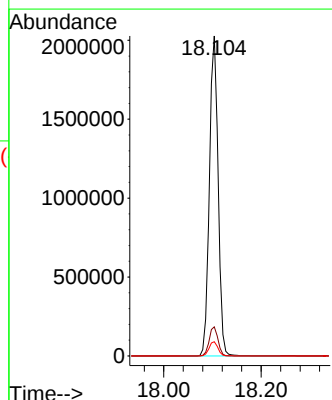
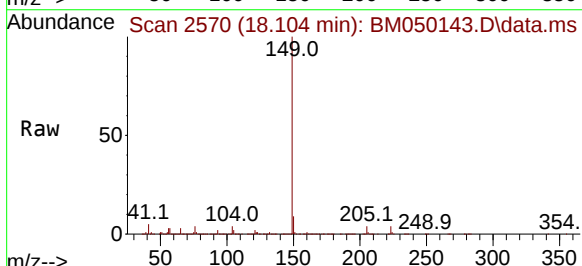
Tgt Ion:149 Resp: 2500884

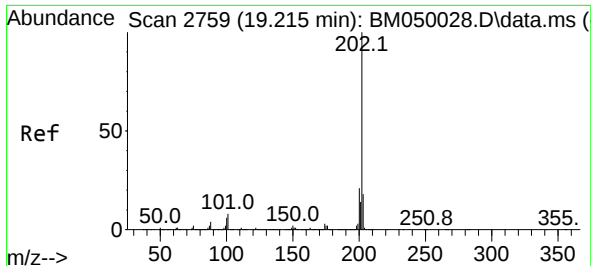
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 4.5 3.8 5.6

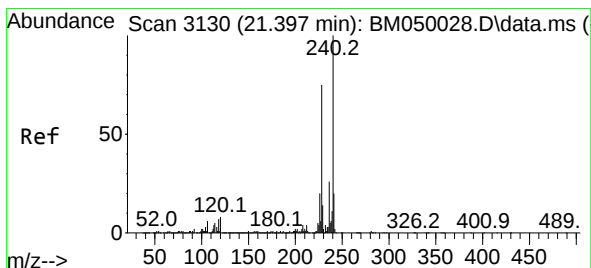
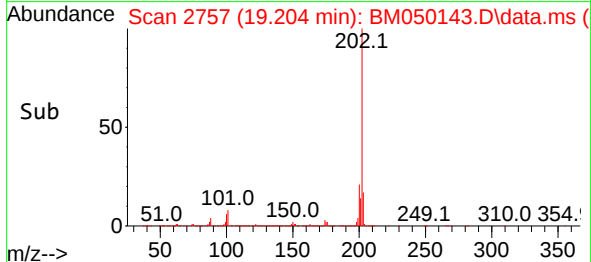
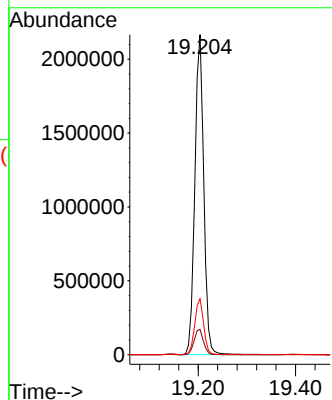
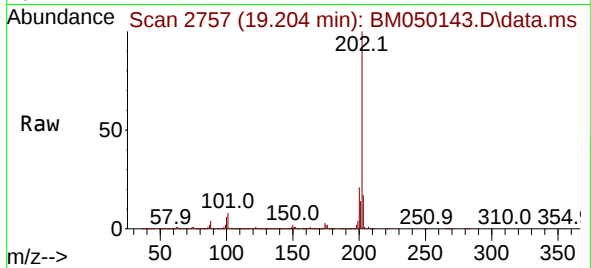




#75
Fluoranthene
Concen: 42.525 ng
RT: 19.204 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

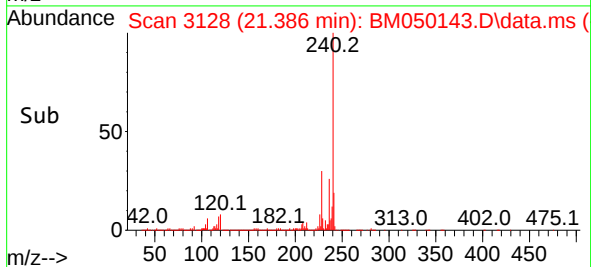
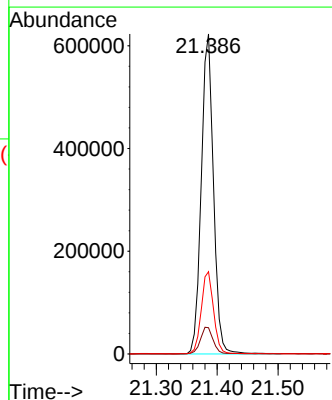
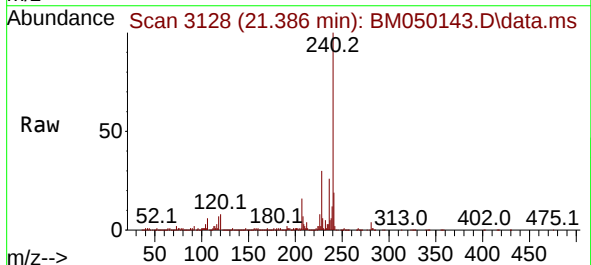
Instrument :
BNA_M
ClientSampleId :
PB167889BSD

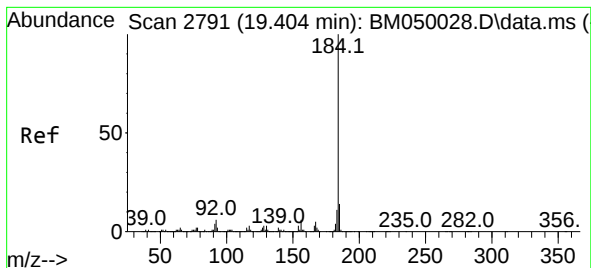
Tgt Ion:202 Resp: 2767529
Ion Ratio Lower Upper
202 100
101 7.9 0.0 28.0
203 17.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:240 Resp: 868474
Ion Ratio Lower Upper
240 100
120 8.2 6.5 9.7
236 25.7 20.9 31.3





#77

Benzidine

Concen: 30.033 ng

RT: 19.392 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

Instrument :

BNA_M

ClientSampleId :

PB167889BSD

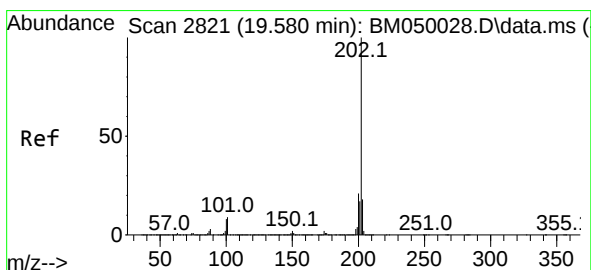
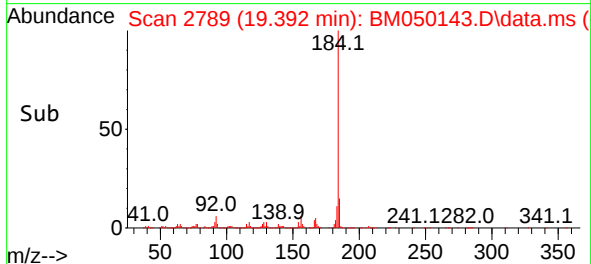
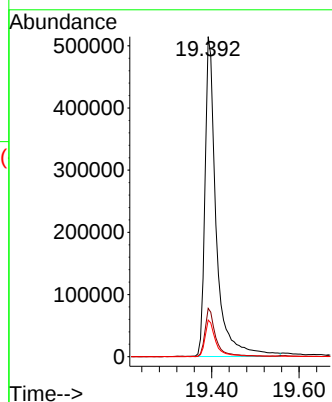
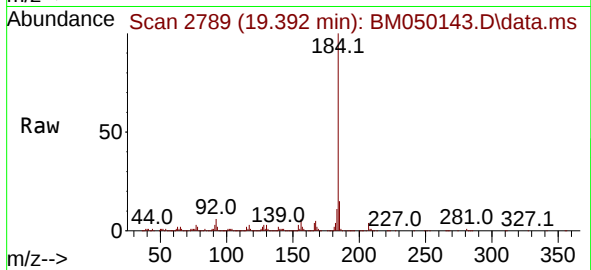
Tgt Ion:184 Resp: 926472

Ion Ratio Lower Upper

184 100

185 15.1 11.5 17.3

183 11.4 8.9 13.3



#78

Pyrene

Concen: 46.545 ng

RT: 19.568 min Scan# 2819

Delta R.T. 0.000 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

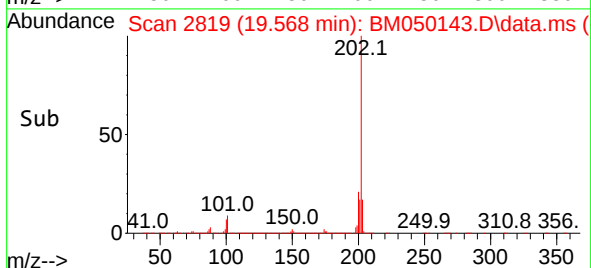
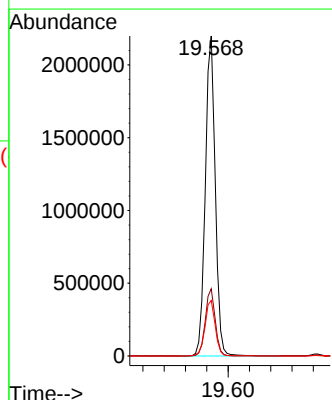
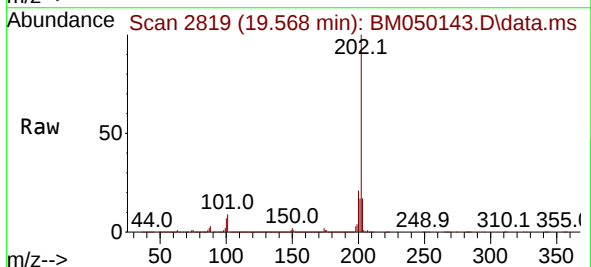
Tgt Ion:202 Resp: 2838617

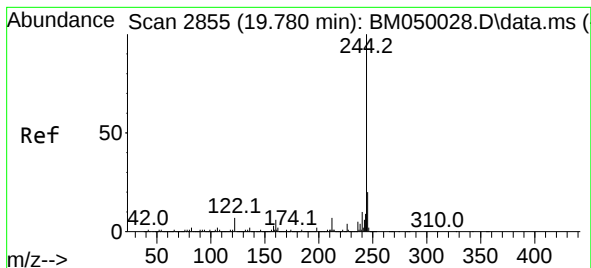
Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 85.821 ng

RT: 19.768 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

Instrument :

BNA_M

ClientSampleId :

PB167889BSD

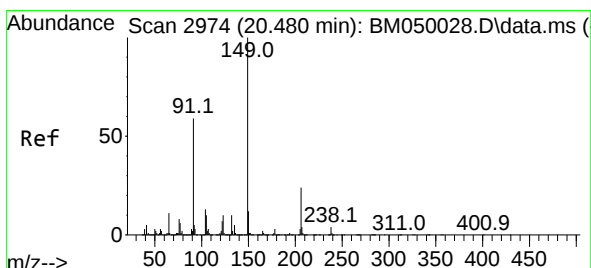
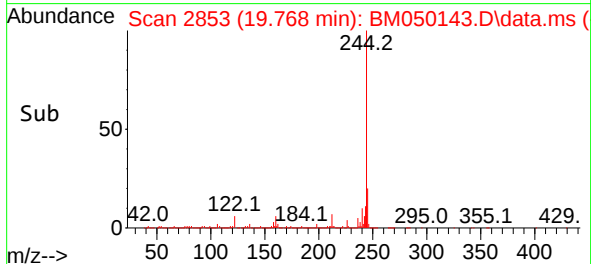
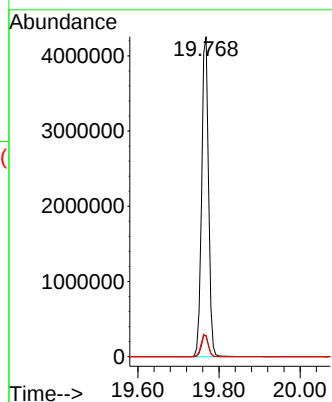
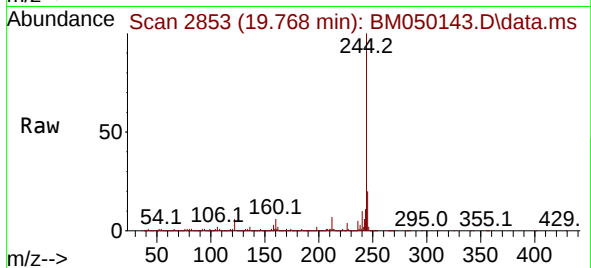
Tgt Ion:244 Resp: 5036934

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 6.3 5.6 8.4



#80

Butylbenzylphthalate

Concen: 45.291 ng

RT: 20.462 min Scan# 2971

Delta R.T. 0.000 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

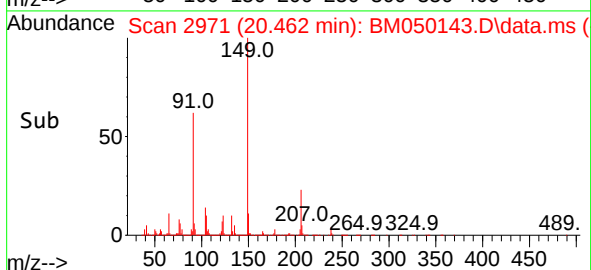
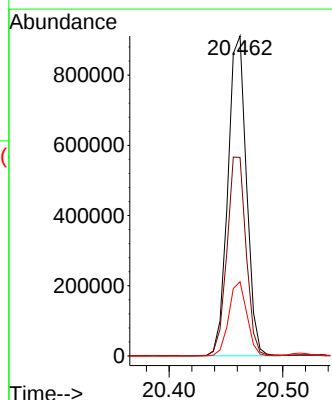
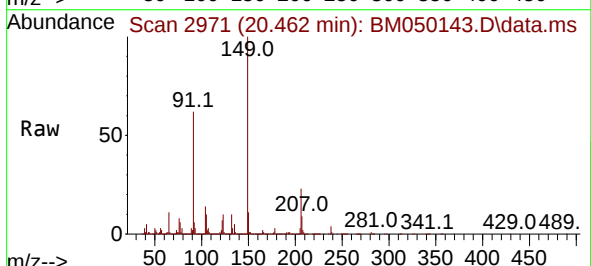
Tgt Ion:149 Resp: 1034547

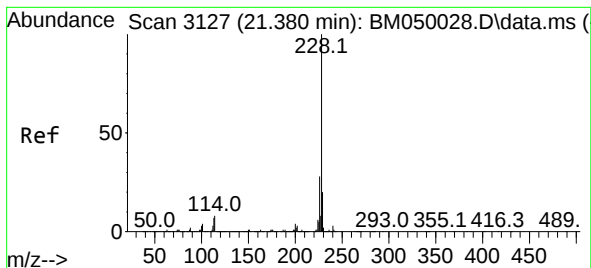
Ion Ratio Lower Upper

149 100

91 62.1 47.4 71.2

206 23.2 19.4 29.0





#81

Benzo(a)anthracene

Concen: 45.030 ng

RT: 21.368 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

Instrument :

BNA_M

ClientSampleId :

PB167889BSD

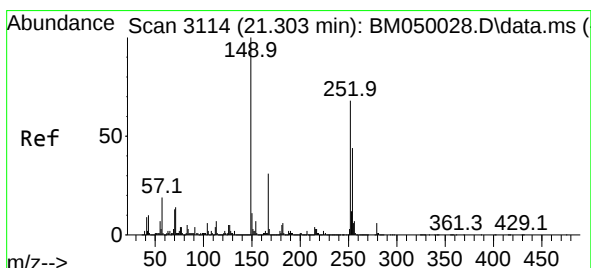
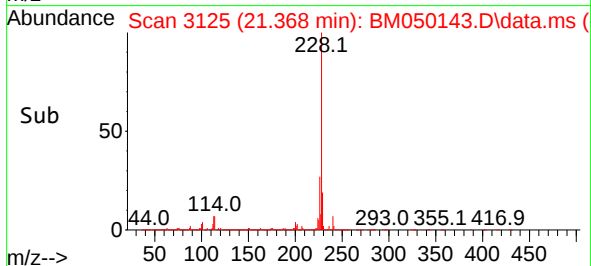
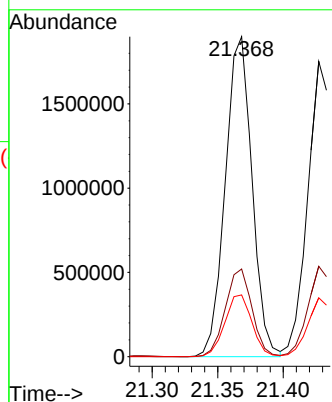
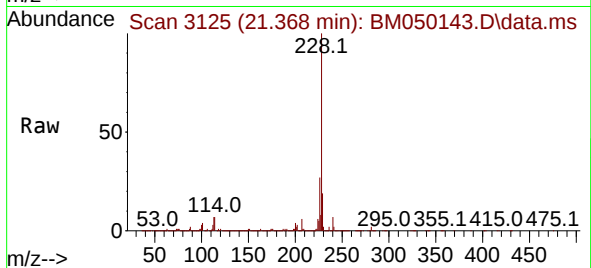
Tgt Ion:228 Resp: 2693046

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

229 19.3 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 24.952 ng

RT: 21.292 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

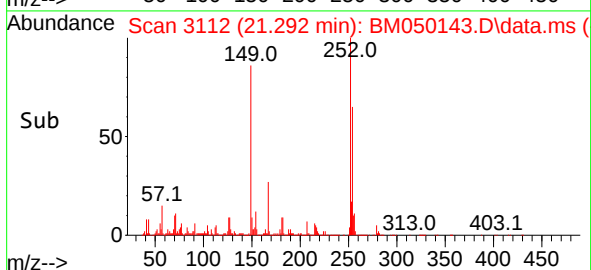
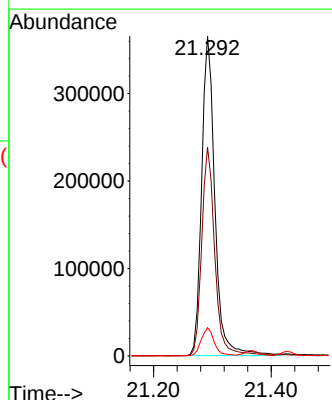
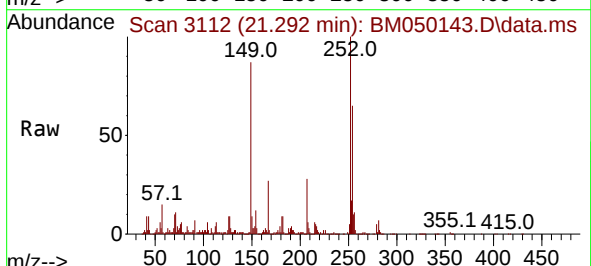
Tgt Ion:252 Resp: 571243

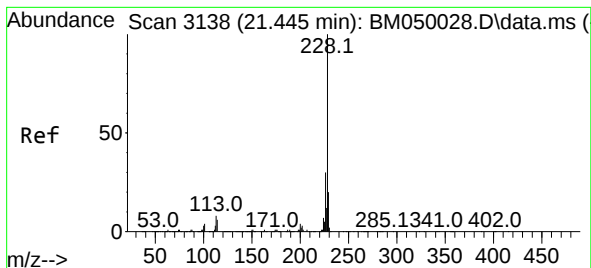
Ion Ratio Lower Upper

252 100

254 65.3 51.8 77.6

126 8.9 6.0 9.0





#83

Chrysene

Concen: 44.297 ng

RT: 21.427 min Scan# 3110

Delta R.T. 0.000 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

Instrument :

BNA_M

ClientSampleId :

PB167889BSD

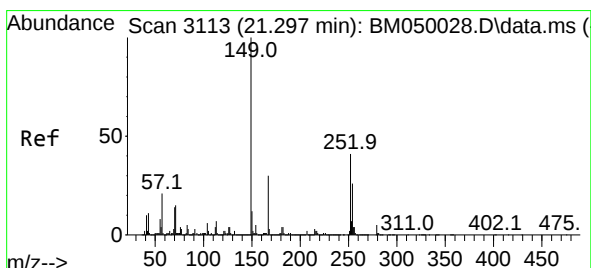
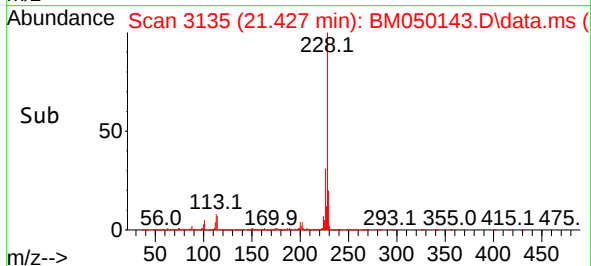
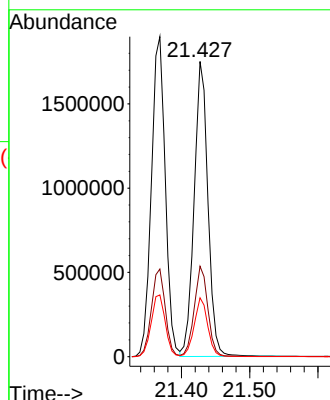
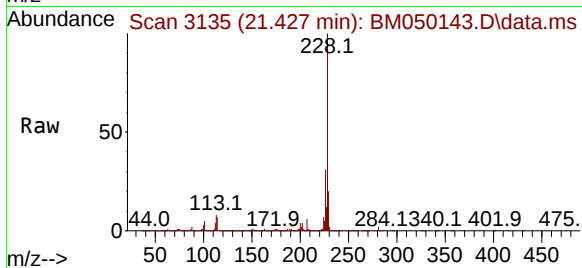
Tgt Ion:228 Resp: 2451903

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.2

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.196 ng

RT: 21.280 min Scan# 3110

Delta R.T. 0.000 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

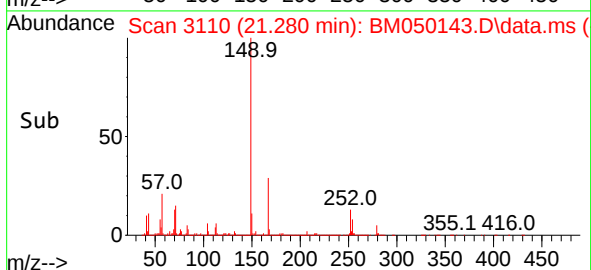
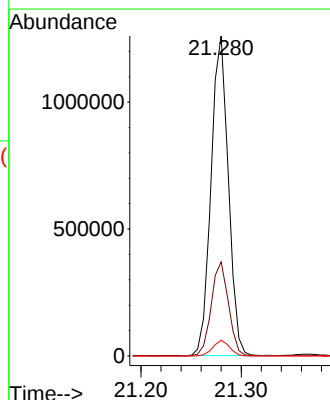
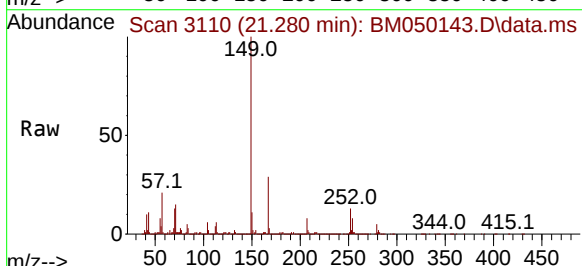
Tgt Ion:149 Resp: 1507874

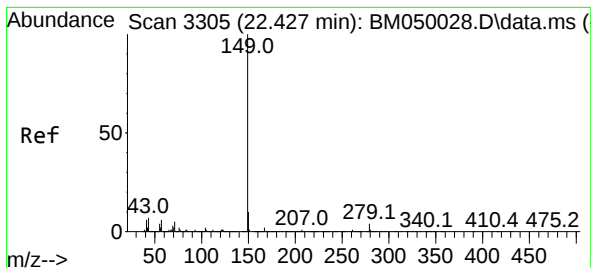
Ion Ratio Lower Upper

149 100

167 29.4 24.1 36.1

279 4.9 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 44.353 ng

RT: 22.403 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

Instrument :

BNA_M

ClientSampleId :

PB167889BSD

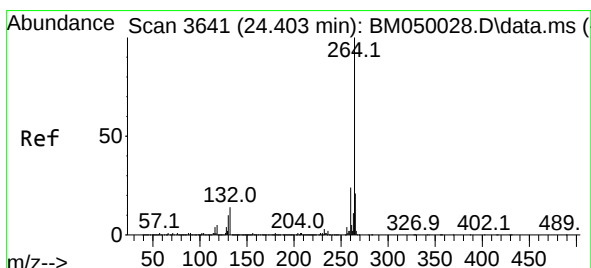
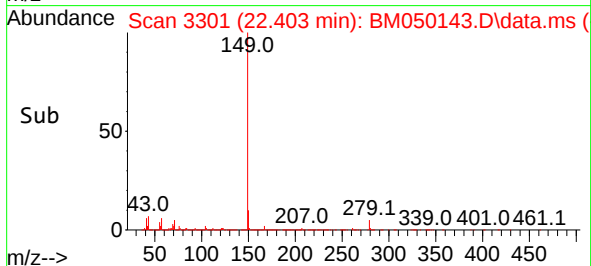
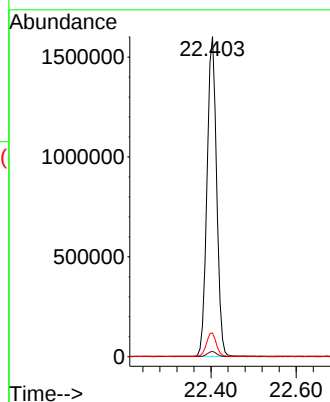
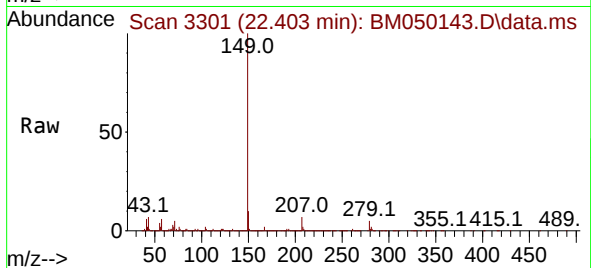
Tgt Ion:149 Resp: 2495544

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: BM050143.D

Acq: 08 May 2025 12:39

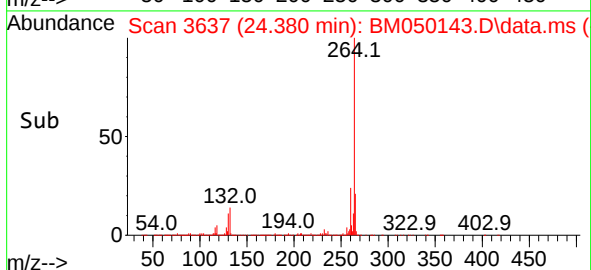
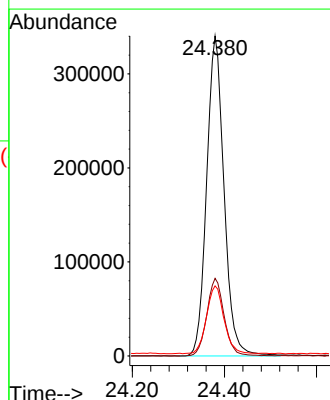
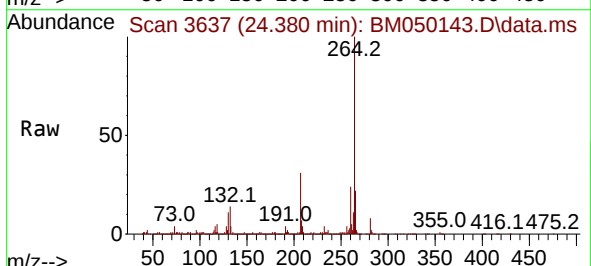
Tgt Ion:264 Resp: 893841

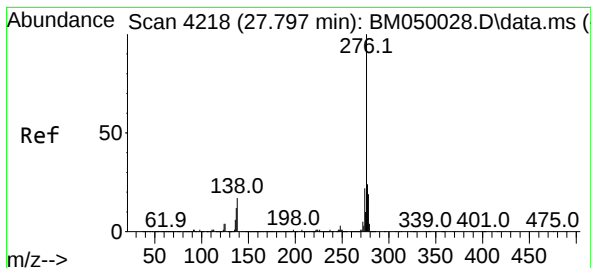
Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 21.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.211 ng

RT: 27.768 min Scan# 41

Delta R.T. 0.006 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

Instrument :

BNA_M

ClientSampleId :

PB167889BSD

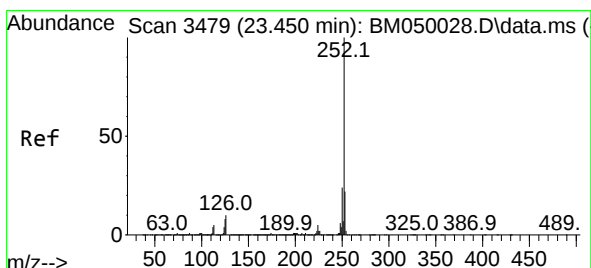
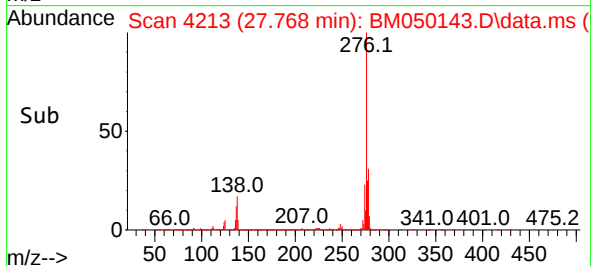
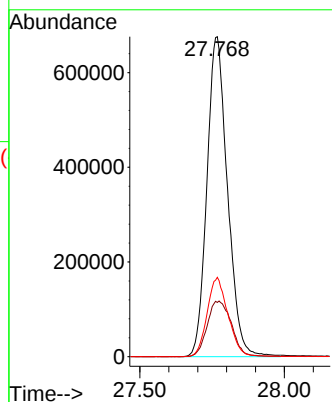
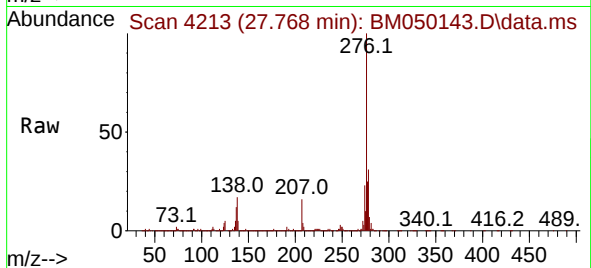
Tgt Ion:276 Resp: 3344168

Ion Ratio Lower Upper

276 100

138 20.6 16.4 24.6

277 25.1 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 44.142 ng

RT: 23.433 min Scan# 3476

Delta R.T. 0.000 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

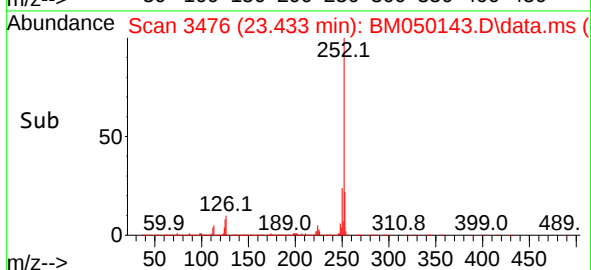
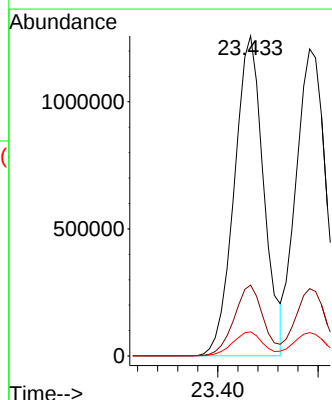
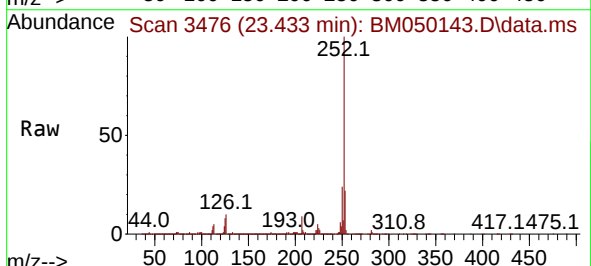
Tgt Ion:252 Resp: 2565912

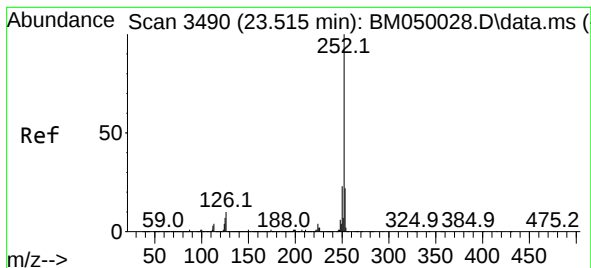
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 7.6 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 43.098 ng

RT: 23.492 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

Instrument :

BNA_M

ClientSampleId :

PB167889BSD

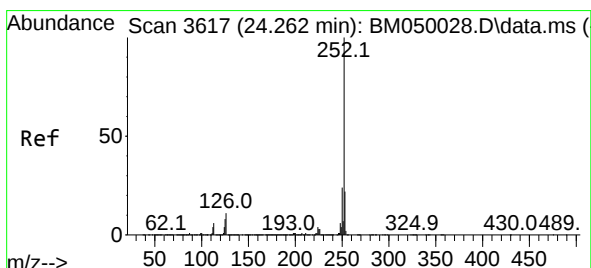
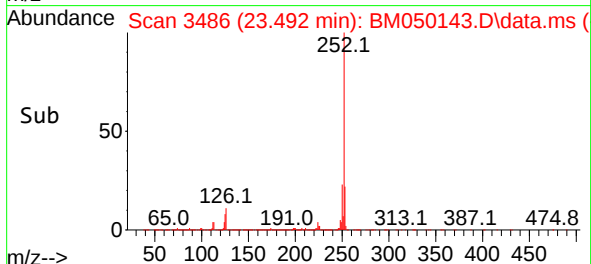
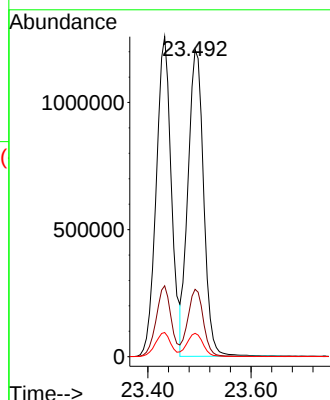
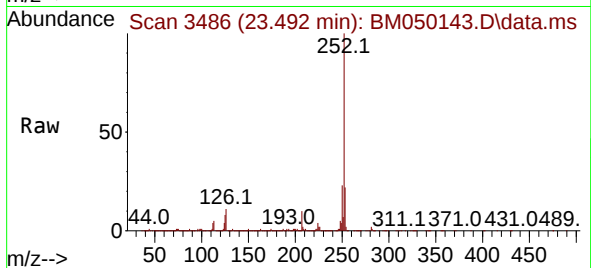
Tgt Ion:252 Resp: 2534162

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 7.6 5.8 8.8



#90

Benzo(a)pyrene

Concen: 44.598 ng

RT: 24.239 min Scan# 3613

Delta R.T. 0.000 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

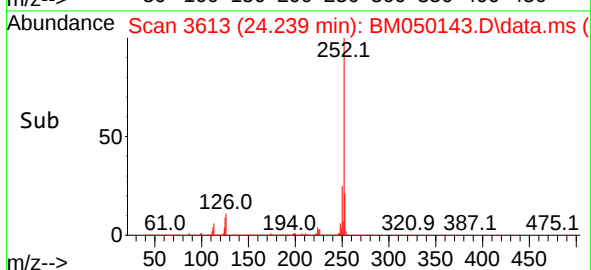
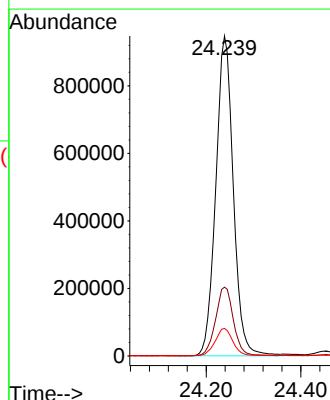
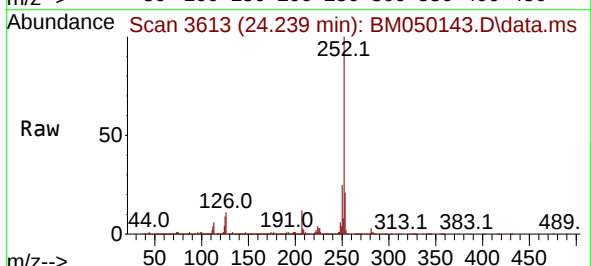
Tgt Ion:252 Resp: 2428116

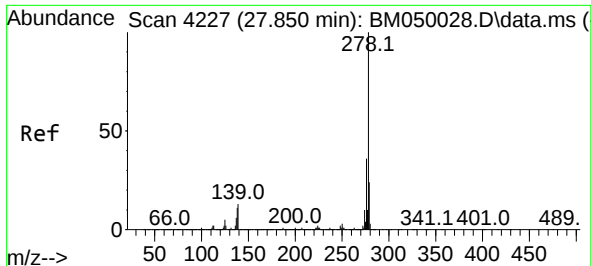
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 8.6 6.6 9.8

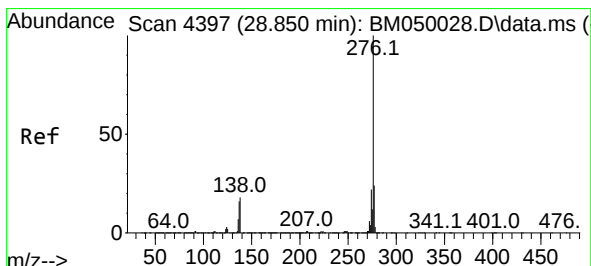
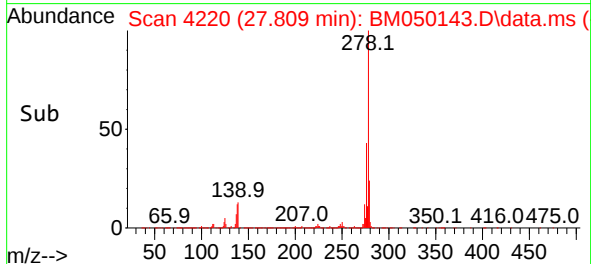
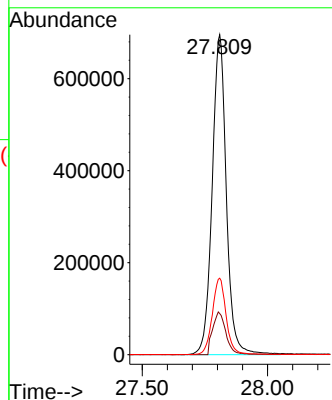
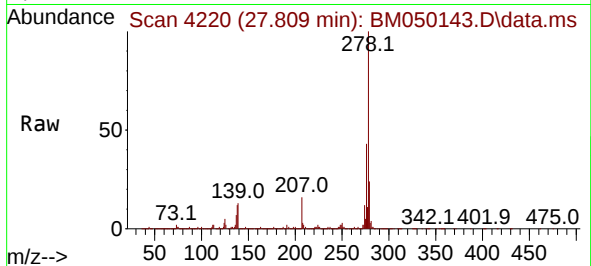




#91
 Dibenzo(a,h)anthracene
 Concen: 50.370 ng
 RT: 27.809 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BM050143.D
 Acq: 08 May 2025 12:39

Instrument :
 BNA_M
 ClientSampleId :
 PB167889BSD

Tgt Ion:278 Resp: 2734690
 Ion Ratio Lower Upper
 278 100
 139 12.9 10.5 15.7
 279 23.9 19.4 29.0



#92
 Benzo(g,h,i)perylene
 Concen: 50.422 ng
 RT: 28.821 min Scan# 4392
 Delta R.T. -0.006 min
 Lab File: BM050143.D
 Acq: 08 May 2025 12:39

Tgt Ion:276 Resp: 2620801
 Ion Ratio Lower Upper
 276 100
 277 24.0 19.1 28.7
 138 18.4 14.3 21.5

