

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072325\
 Data File : BM050489.D
 Acq On : 23 Jul 2025 14:14
 Operator : RC/JU
 Sample : PB168971BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB168971BL

Quant Time: Jul 23 15:12:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 16:20:15 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	547737	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	1972393	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	1303835	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	2694084	20.000	ng	0.00
76) Chrysene-d12	21.445	240	2678633	20.000	ng	0.01
86) Perylene-d12	24.474	264	2972018	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	4035885	126.832	ng	0.00
7) Phenol-d6	7.016	99	5012245	124.951	ng	0.00
23) Nitrobenzene-d5	8.998	82	2981615	77.123	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	2383000	150.426	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	7876197	74.600	ng	0.00
79) Terphenyl-d14	19.827	244	11849226	77.832	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	445	0.034	ng	# 1
3) Pyridine	3.740	79	426	0.012	ng	# 5
4) n-Nitrosodimethylamine	3.634	42	297	0.019	ng	# 1
6) Aniline	7.163	93	280	0.005	ng	# 49
8) 2-Chlorophenol	7.404	128	1557	0.046	ng	# 95
9) Benzaldehyde	7.016	77	8677	0.364	ng	# 8
10) Phenol	7.016	94	1130	0.027	ng	# 1
11) bis(2-Chloroethyl)ether	7.075	93	180	0.005	ng	# 89
12) 1,3-Dichlorobenzene	7.698	146	57	0.001	ng	# 1
13) 1,4-Dichlorobenzene	7.845	146	83	0.002	ng	# 1
14) 1,2-Dichlorobenzene	8.187	146	61	0.002	ng	# 1
15) Benzyl Alcohol	8.045	79	712	0.025	ng	# 36
16) 2,2'-oxybis(1-Chloropr...	8.357	45	324	0.007	ng	# 1
17) 2-Methylphenol	8.257	107	717	0.026	ng	# 1
18) Hexachloroethane	8.951	117	737	0.050	ng	# 31
19) n-Nitroso-di-n-propyla...	8.645	70	270	0.011	ng	# 33
20) 3+4-Methylphenols	8.598	107	880	0.024	ng	# 1
22) Acetophenone	8.651	105	109	0.002	ng	# 1
24) Nitrobenzene	9.075	77	321	0.009	ng	# 39
25) Isophorone	9.575	82	454	0.007	ng	# 51
26) 2-Nitrophenol	9.792	139	58	0.004	ng	# 1
27) 2,4-Dimethylphenol	9.675	122	86	0.003	ng	# 86
28) bis(2-Chloroethoxy)met...	10.069	93	222	0.005	ng	# 63
29) 2,4-Dichlorophenol	10.051	162	71	0.002	ng	# 1
30) 1,2,4-Trichlorobenzene	10.586	180	61	0.002	ng	# 12
31) Naphthalene	10.681	128	173	0.002	ng	# 44
33) 4-Chloroaniline	10.769	127	145	0.003	ng	# 1
35) Caprolactam	11.692	113	73	0.009	ng	# 23
36) 4-Chloro-3-methylphenol	11.922	107	504	0.018	ng	# 16
37) 2-Methylnaphthalene	12.304	142	256	0.004	ng	# 21
38) 1-Methylnaphthalene	12.504	142	106	0.002	ng	# 1
40) 1,2,4,5-Tetrachloroben...	12.457	216	57	0.001	ng	# 1
46) 1,1'-Biphenyl	13.104	154	14599	0.151	ng	# 1
47) 2-Chloronaphthalene	13.286	162	66	0.001	ng	# 40
48) 2-Nitroaniline	13.580	65	347	0.020	ng	# 35
49) Acenaphthylene	14.204	152	162	0.001	ng	# 60

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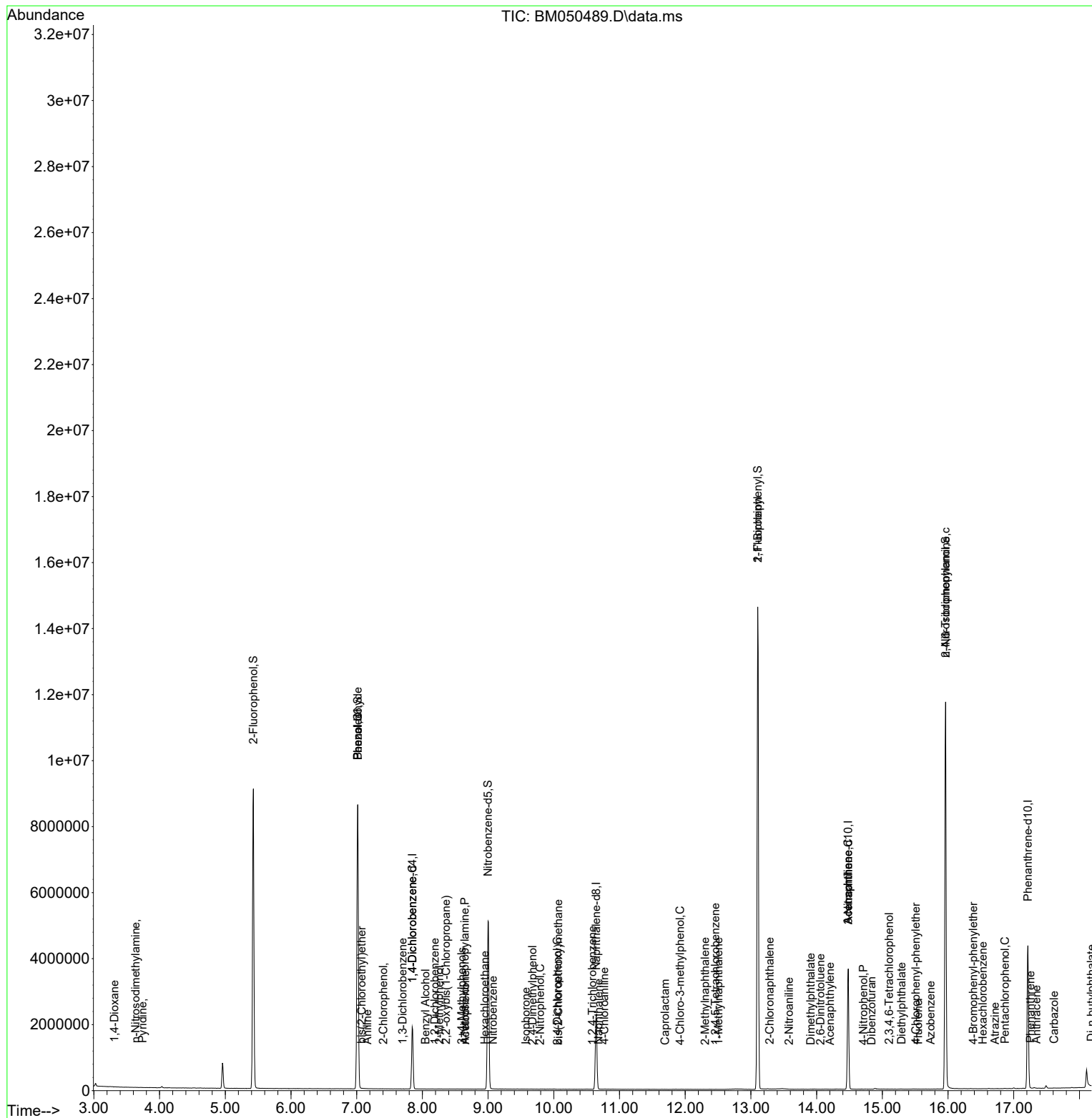
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Dimethylphthalate	13.910	163	262	0.003	ng	# 77
51) 2,6-Dinitrotoluene	14.057	165	325	0.019	ng	# 34
52) Acenaphthene	14.480	154	4760	0.064	ng	# 10
53) 3-Nitroaniline	14.480	138	244	0.013	ng	# 1
55) Dibenzofuran	14.833	168	445	0.004	ng	# 47
56) 4-Nitrophenol	14.710	139	226	0.014	ng	# 84
58) Fluorene	15.545	166	99	0.001	ng	# 51
59) 2,3,4,6-Tetrachlorophenol	15.104	232	276	0.012	ng	# 21
60) Diethylphthalate	15.292	149	2653	0.031	ng	# 80
61) 4-Chlorophenyl-phenyle...	15.510	204	54	0.001	ng	# 1
63) Azobenzene	15.733	77	316	0.004	ng	# 46
66) n-Nitrosodiphenylamine	15.963	169	67535	0.801	ng	# 42
67) 4-Bromophenyl-phenylether	16.386	248	53	0.002	ng	# 1
68) Hexachlorobenzene	16.527	284	77	0.002	ng	# 16
69) Atrazine	16.715	200	68	0.002	ng	# 4
70) Pentachlorophenol	16.868	266	1488	0.068	ng	# 83
71) Phenanthrene	17.257	178	2489	0.016	ng	# 74
72) Anthracene	17.345	178	1466	0.010	ng	# 58
73) Carbazole	17.615	167	2096	0.015	ng	# 49
74) Di-n-butylphthalate	18.180	149	2852	0.019	ng	# 69
75) Fluoranthene	19.262	202	4623	0.028	ng	# 67
77) Benzidine	19.451	184	6015	0.088	ng	# 27
78) Pyrene	19.627	202	4739	0.028	ng	# 81
80) Butylbenzylphthalate	20.527	149	1153	0.020	ng	# 59
81) Benzo(a)anthracene	21.439	228	12418	0.071	ng	# 85
82) 3,3'-Dichlorobenzidine	21.350	252	2991	0.051	ng	# 79
83) Chrysene	21.486	228	7314	0.044	ng	# 90
84) Bis(2-ethylhexyl)phtha...	21.350	149	8296	0.092	ng	# 94
85) Di-n-octyl phthalate	22.474	149	723	0.005	ng	# 77
87) Indeno(1,2,3-cd)pyrene	27.879	276	689	0.003	ng	# 32
88) Benzo(b)fluoranthene	23.509	252	6592	0.036	ng	# 1
89) Benzo(k)fluoranthene	23.586	252	7825	0.041	ng	# 1
90) Benzo(a)pyrene	24.327	252	3320	0.019	ng	# 1
91) Dibenzo(a,h)anthracene	27.950	278	1263	0.007	ng	# 1
92) Benzo(g,h,i)perylene	28.962	276	1141	0.007	ng	# 38

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

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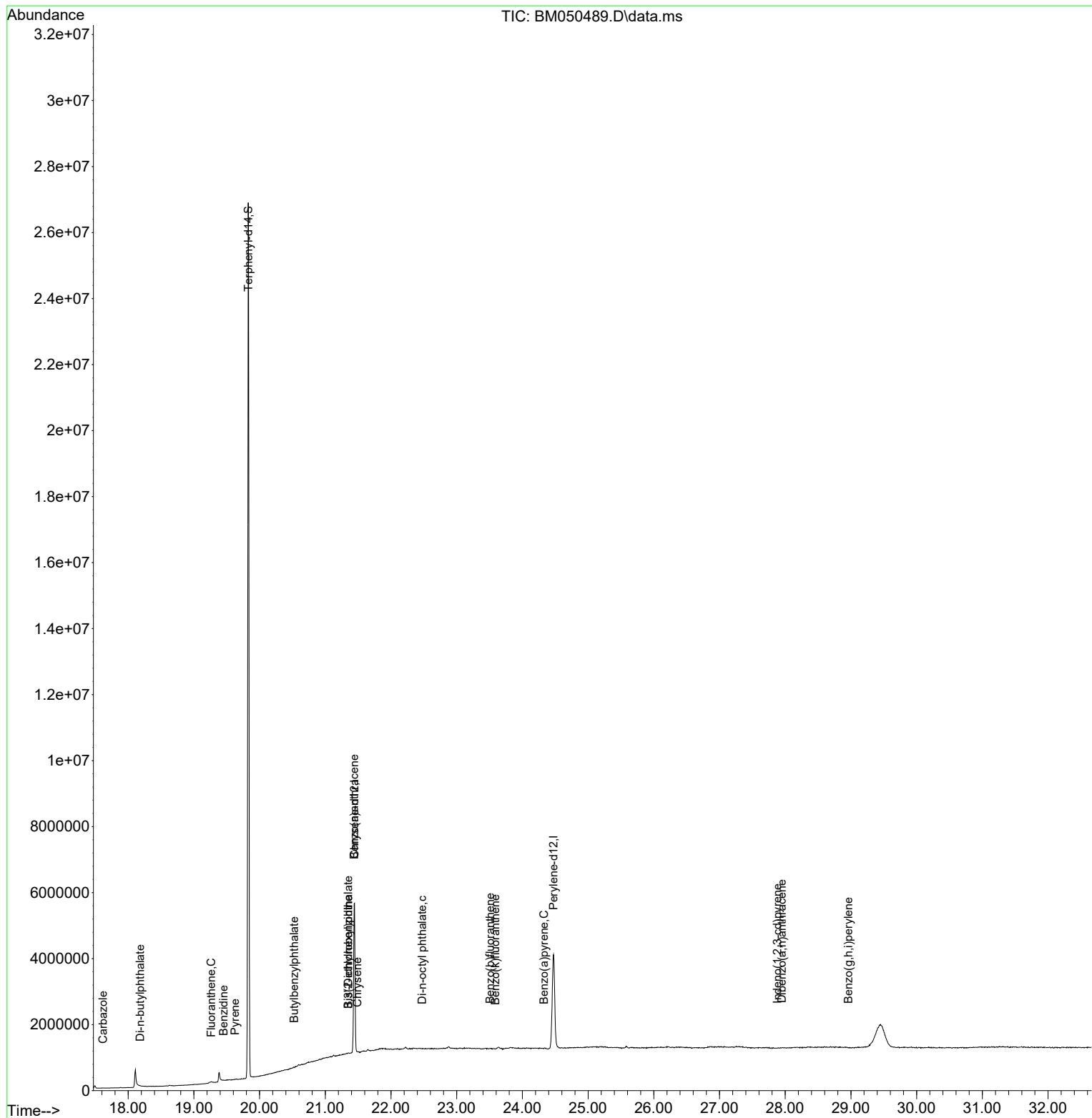
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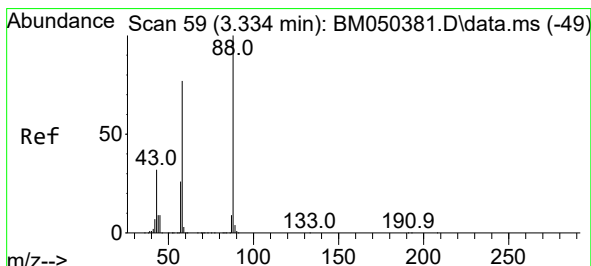
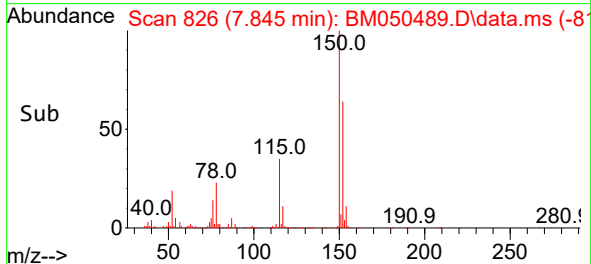
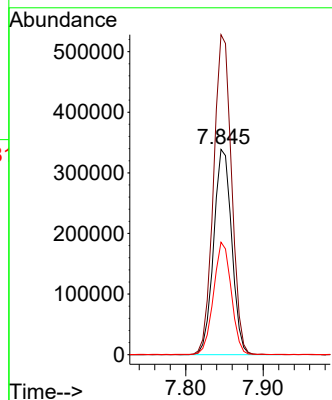
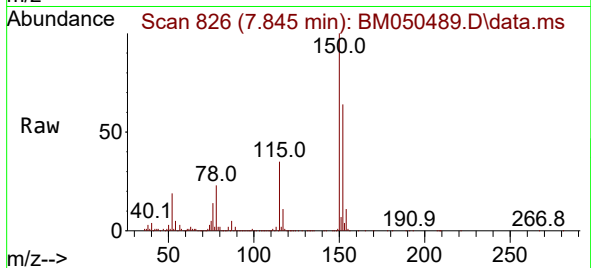




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.845 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM050489.D
 Acq: 23 Jul 2025 14:14

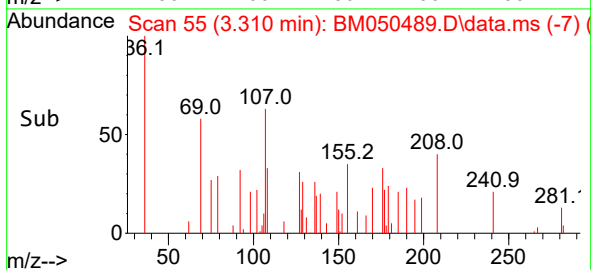
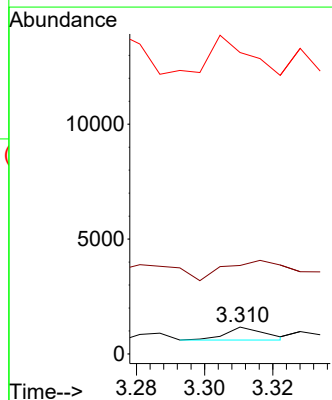
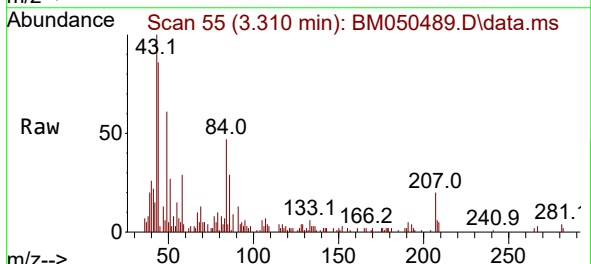
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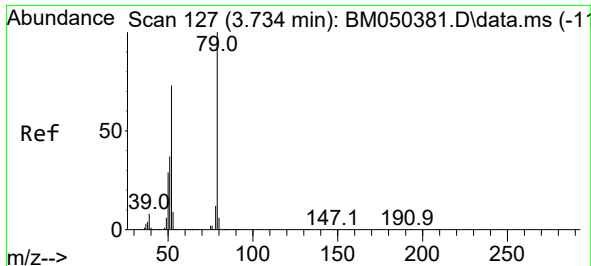
Tgt Ion:152 Resp: 547737
 Ion Ratio Lower Upper
 152 100
 150 155.9 126.2 189.4
 115 54.8 45.8 68.8



#2
 1,4-Dioxane
 Concen: 0.034 ng
 RT: 3.310 min Scan# 55
 Delta R.T. -0.018 min
 Lab File: BM050489.D
 Acq: 23 Jul 2025 14:14

Tgt Ion: 88 Resp: 445
 Ion Ratio Lower Upper
 88 100
 58 287.9 61.0 91.6#
 43 274.4 24.6 37.0#

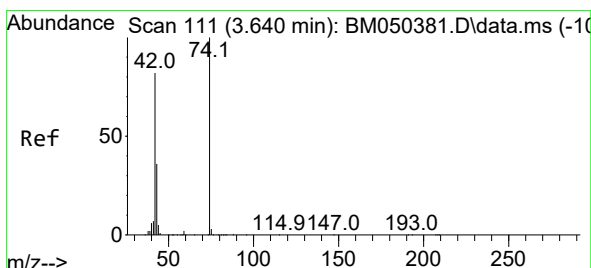
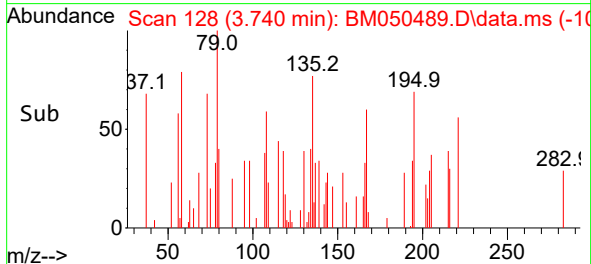
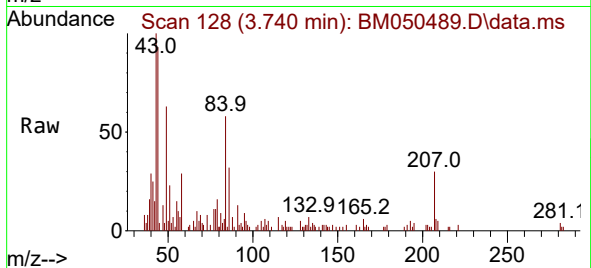




#3
 Pyridine
 Concen: 0.012 ng
 RT: 3.740 min Scan# 110
 Delta R.T. 0.012 min
 Lab File: BM050489.D
 Acq: 23 Jul 2025 14:14

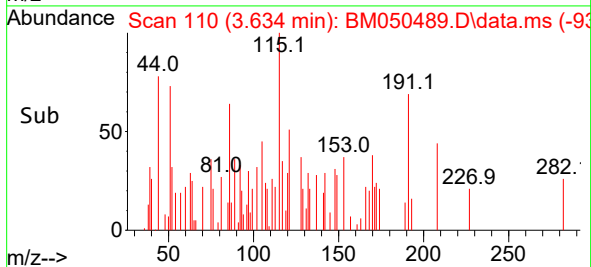
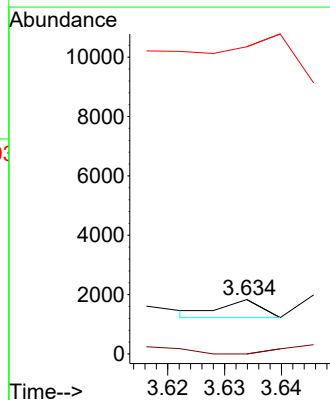
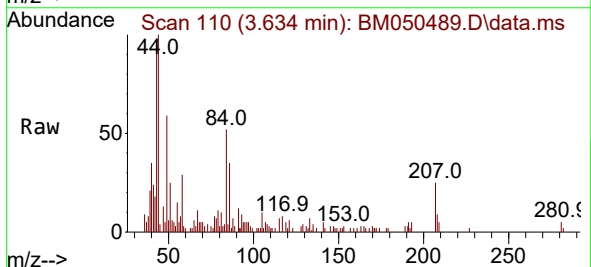
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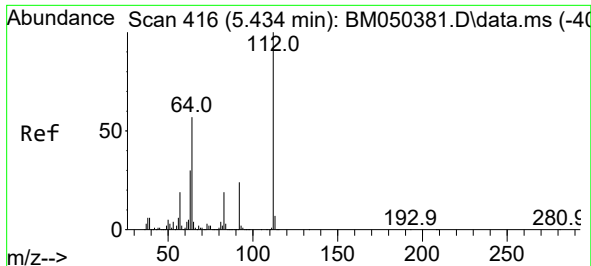
Tgt Ion: 79 Resp: 426
 Ion Ratio Lower Upper
 79 100
 52 27.4 58.3 87.5#
 51 140.8 29.6 44.4#



#4
 n-Nitrosodimethylamine
 Concen: 0.019 ng
 RT: 3.634 min Scan# 110
 Delta R.T. 0.000 min
 Lab File: BM050489.D
 Acq: 23 Jul 2025 14:14

Tgt Ion: 42 Resp: 297
 Ion Ratio Lower Upper
 42 100
 74 0.0 97.5 146.3#
 44 564.6 5.7 8.5#

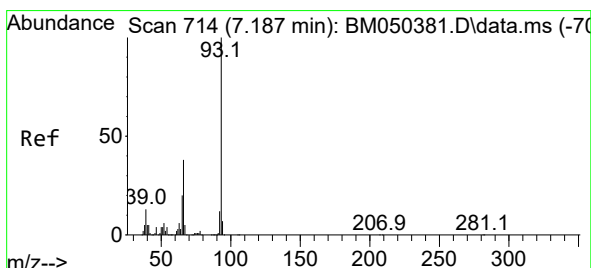
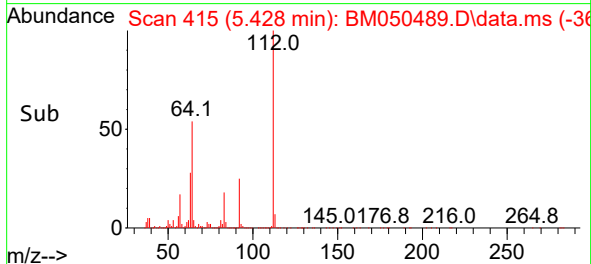
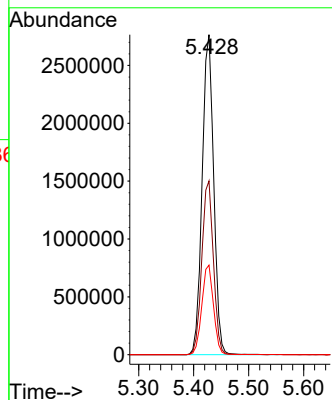
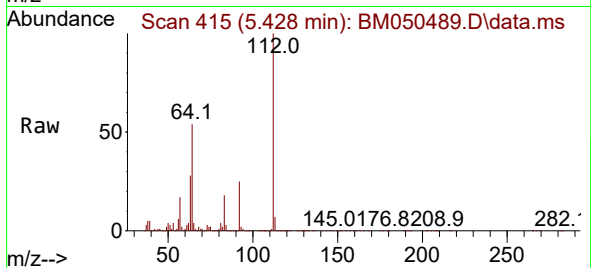




#5
2-Fluorophenol
Concen: 126.832 ng
RT: 5.428 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

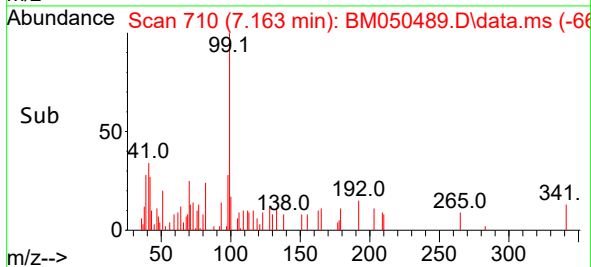
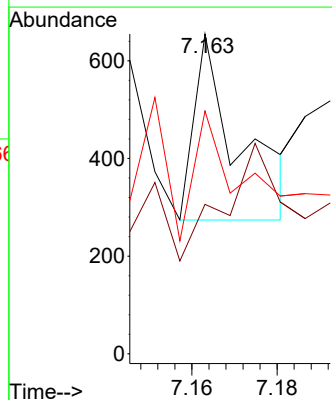
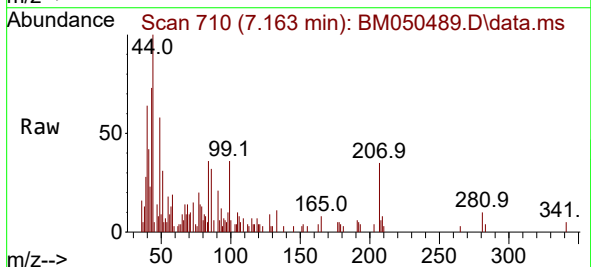
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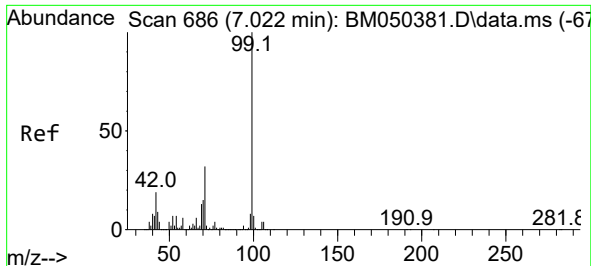
Tgt Ion:112 Resp: 4035885
Ion Ratio Lower Upper
112 100
64 54.3 45.5 68.3
63 28.0 24.2 36.4



#6
Aniline
Concen: 0.005 ng
RT: 7.163 min Scan# 710
Delta R.T. -0.012 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

Tgt Ion: 93 Resp: 280
Ion Ratio Lower Upper
93 100
66 46.7 30.5 45.7#
65 75.9 15.9 23.9#

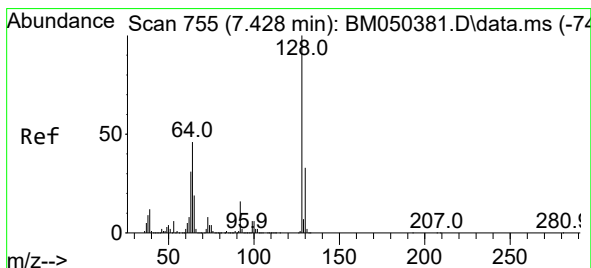
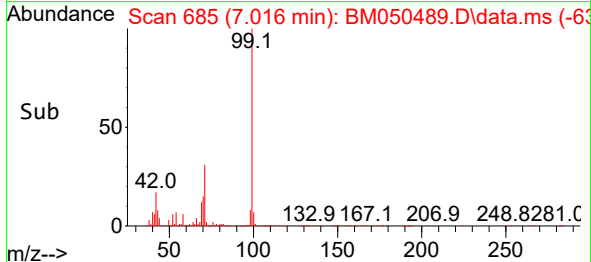
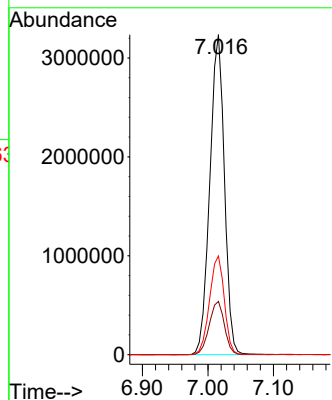
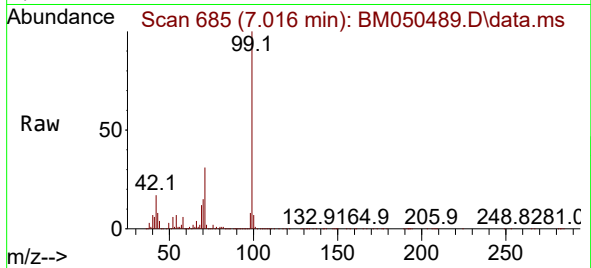




#7
Phenol-d6
Concen: 124.951 ng
RT: 7.016 min Scan# 685
Delta R.T. 0.006 min
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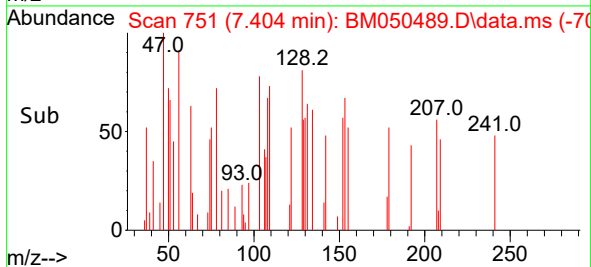
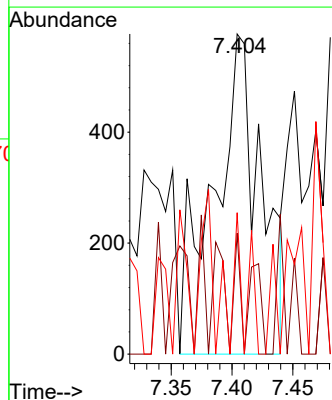
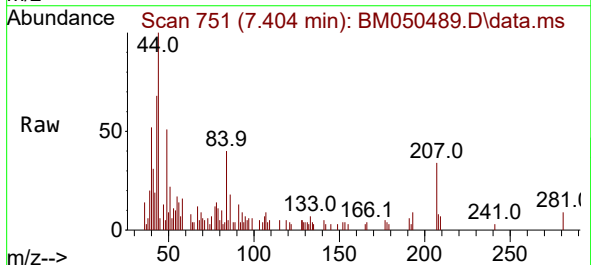
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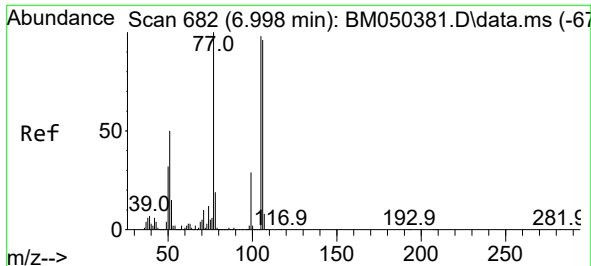
Tgt Ion: 99 Resp: 5012245
Ion Ratio Lower Upper
99 100
42 16.6 15.0 22.6
71 30.9 25.9 38.9



#8
2-Chlorophenol
Concen: 0.046 ng
RT: 7.404 min Scan# 751
Delta R.T. -0.012 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

Tgt Ion:128 Resp: 1557
Ion Ratio Lower Upper
128 100
130 37.8 13.3 53.3
64 44.2 25.6 65.6

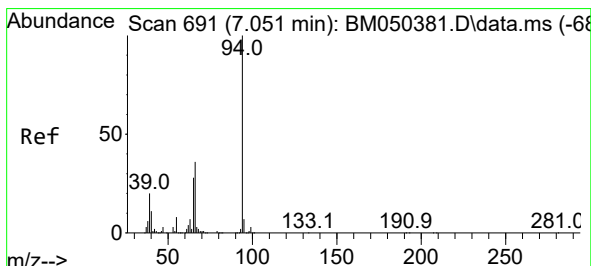
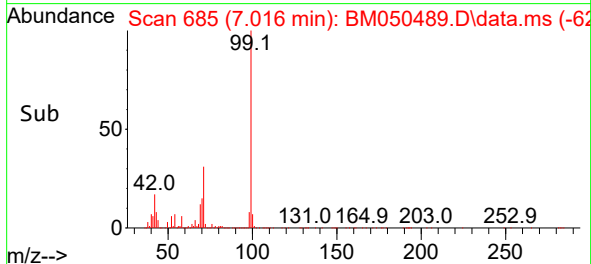
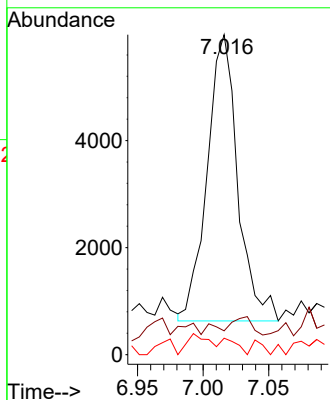
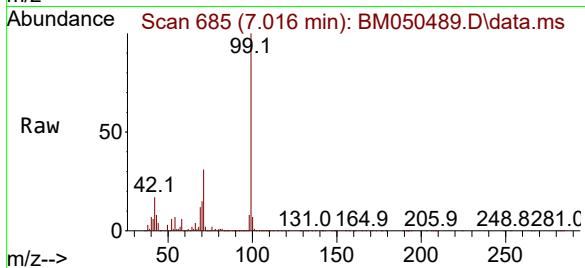




#9
Benzaldehyde
Concen: 0.364 ng
RT: 7.016 min Scan# 685
Delta R.T. 0.029 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

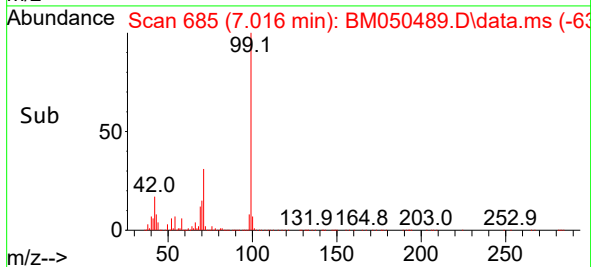
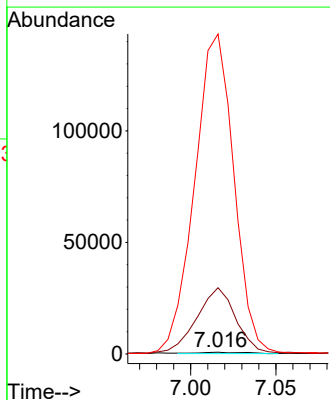
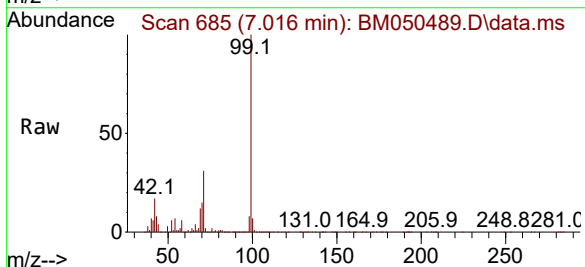
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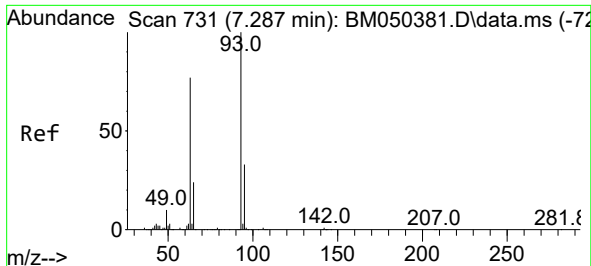
Tgt Ion: 77 Resp: 8677
Ion Ratio Lower Upper
77 100
105 7.5 78.4 118.4#
106 5.1 76.3 116.3#



#10
Phenol
Concen: 0.027 ng
RT: 7.016 min Scan# 685
Delta R.T. -0.023 min
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Tgt Ion: 94 Resp: 1130
Ion Ratio Lower Upper
94 100
65 3598.5 8.1 48.1#
66 17384.7 15.8 55.8#

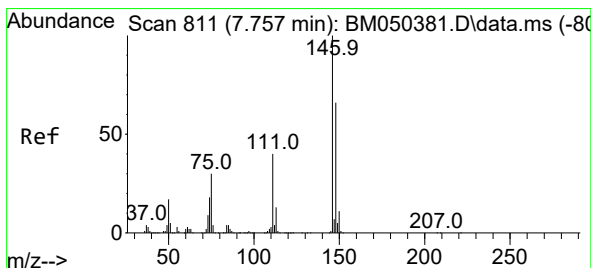
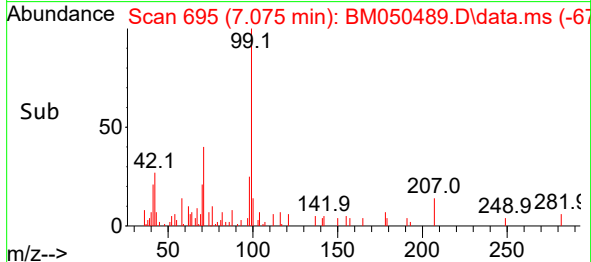
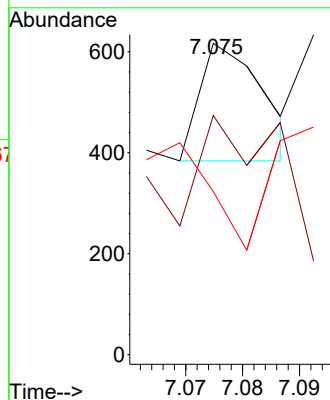
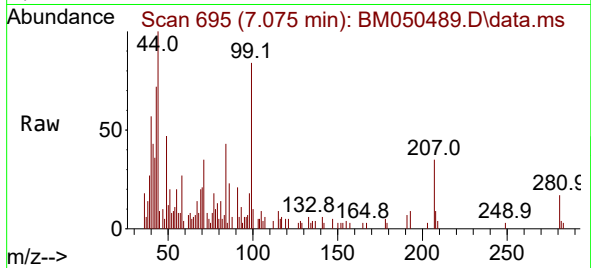




#11
bis(2-Chloroethyl)ether
Concen: 0.005 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.194 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

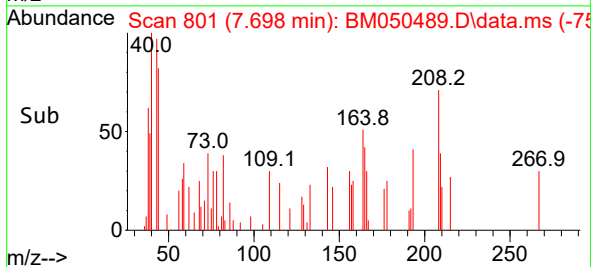
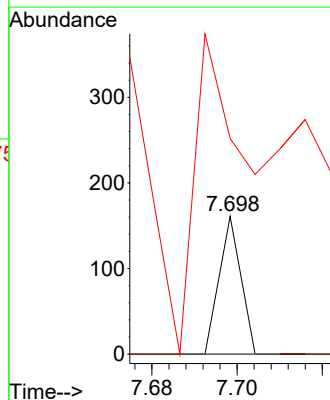
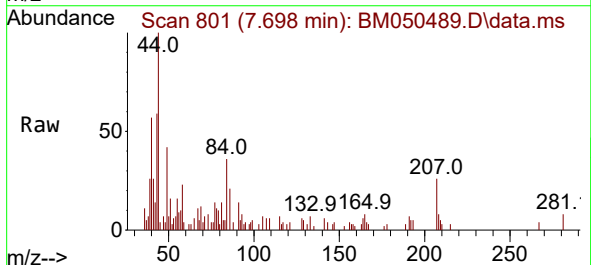
Instrument :
BNA_M
ClientSampleId :
PB168971BL

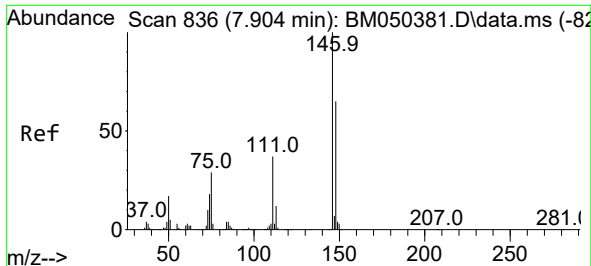
Tgt Ion: 93	Resp:	180
Ion Ratio	Lower	Upper
93	100	
63	76.8	56.9 96.9
95	52.4	12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 0.001 ng
RT: 7.698 min Scan# 801
Delta R.T. -0.041 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

Tgt Ion: 146	Resp:	57
Ion Ratio	Lower	Upper
146	100	
148	0.0	53.2 79.8#
75	156.5	23.9 35.9#

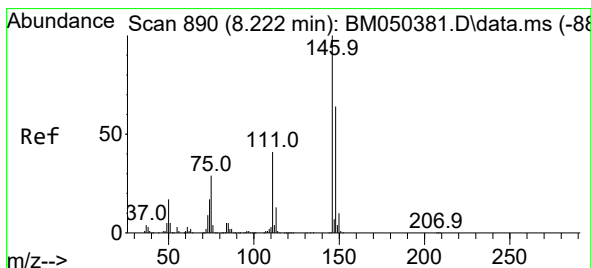
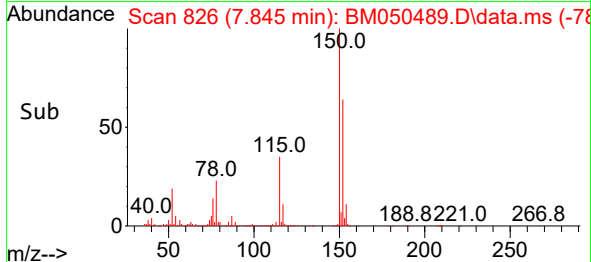
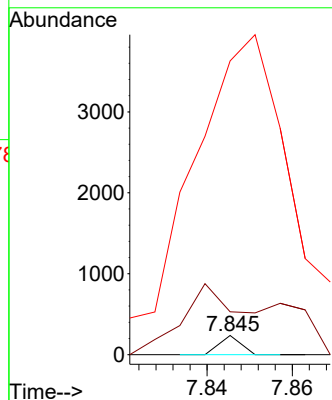
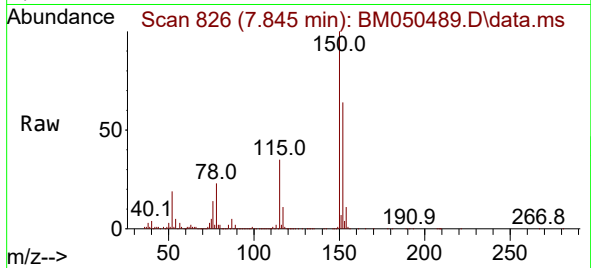




#13
1,4-Dichlorobenzene
Concen: 0.002 ng
RT: 7.845 min Scan# 81
Delta R.T. -0.041 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

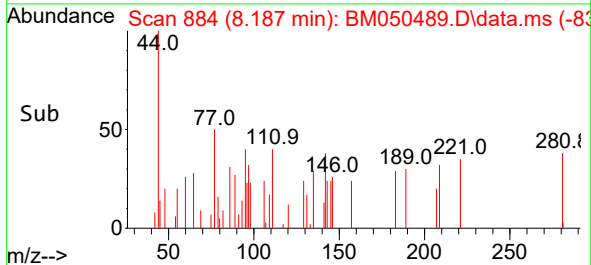
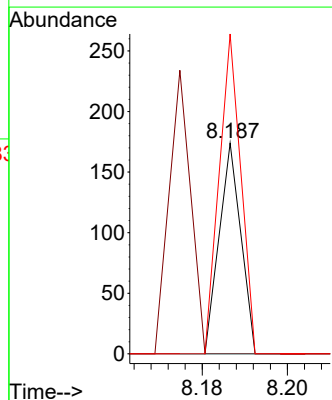
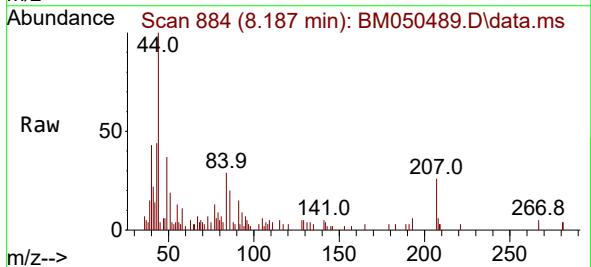
Instrument :
BNA_M
ClientSampleId :
PB168971BL

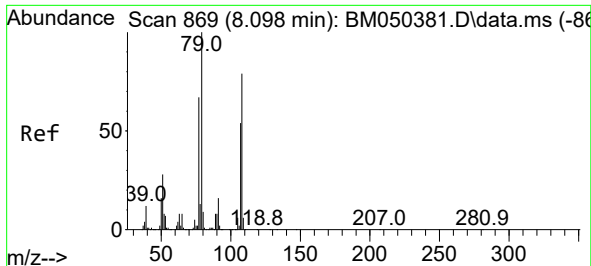
Tgt Ion:146 Resp: 83
Ion Ratio Lower Upper
146 100
148 224.2 51.9 77.9#
111 1537.7 30.0 45.0#



#14
1,2-Dichlorobenzene
Concen: 0.002 ng
RT: 8.187 min Scan# 884
Delta R.T. -0.012 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

Tgt Ion:146 Resp: 61
Ion Ratio Lower Upper
146 100
148 0.0 51.5 77.3#
111 151.7 32.6 49.0#

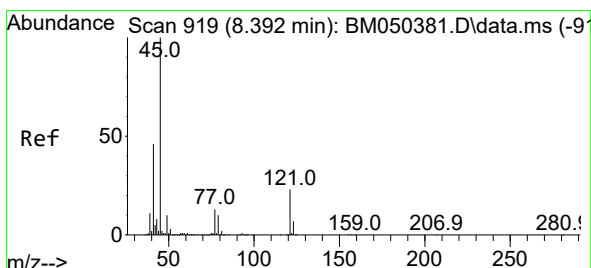
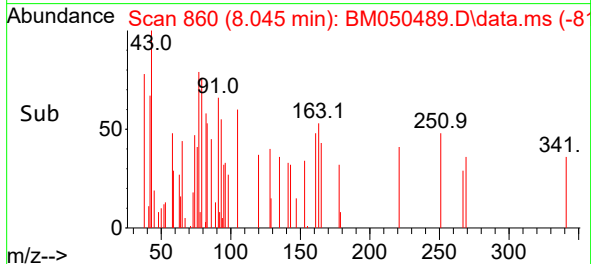
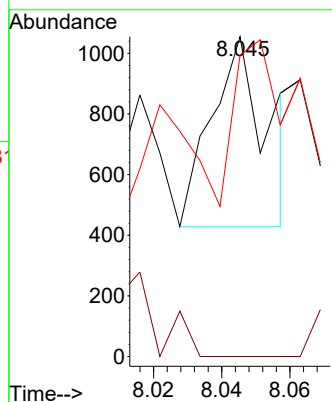
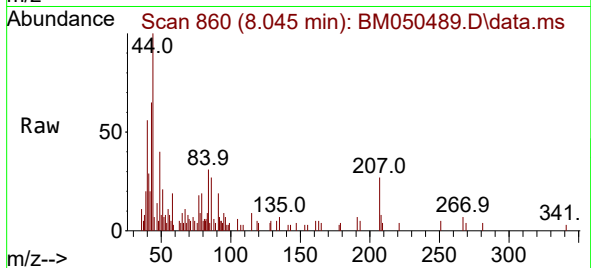




#15
Benzyl Alcohol
Concen: 0.025 ng
RT: 8.045 min Scan# 80
Delta R.T. -0.041 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

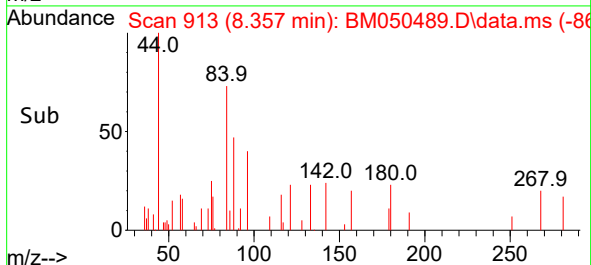
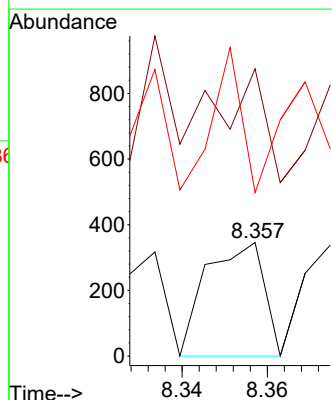
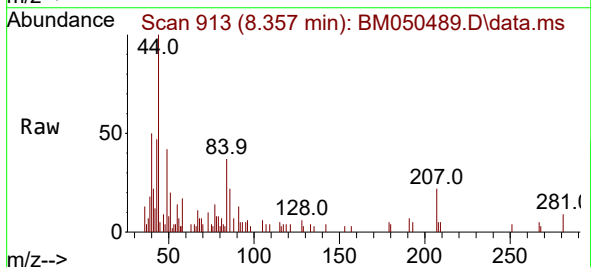
Instrument :
BNA_M
ClientSampleId :
PB168971BL

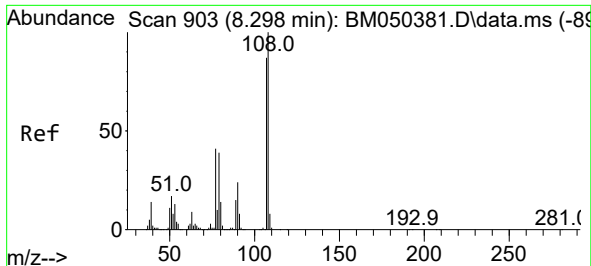
Tgt Ion: 79 Resp: 712
Ion Ratio Lower Upper
79 100
108 0.0 63.0 94.4#
77 94.2 53.4 80.0#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.007 ng
RT: 8.357 min Scan# 913
Delta R.T. -0.018 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

Tgt Ion: 45 Resp: 324
Ion Ratio Lower Upper
45 100
77 252.9 0.0 33.5#
79 143.9 0.0 30.3#

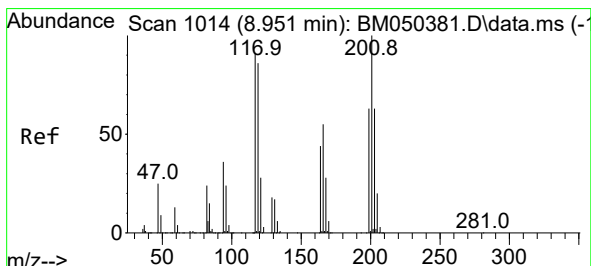
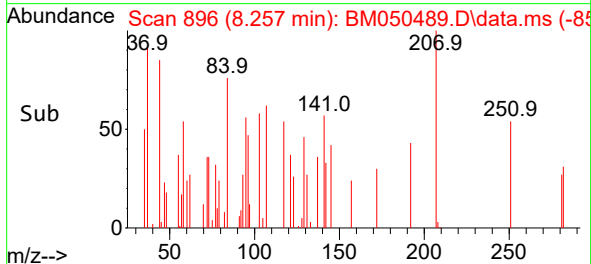
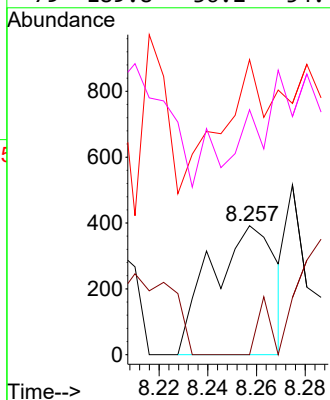
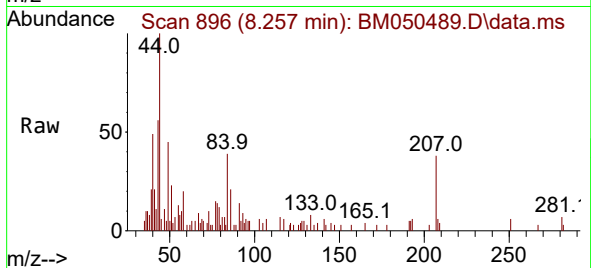




#17
2-Methylphenol
Concen: 0.026 ng
RT: 8.257 min Scan# 896
Delta R.T. -0.029 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

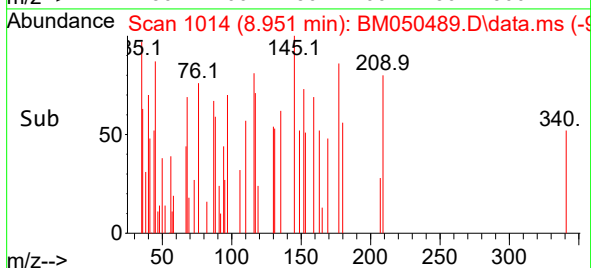
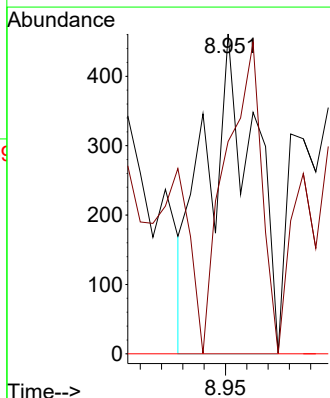
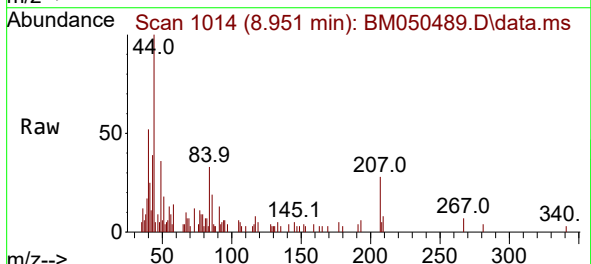
Instrument :
BNA_M
ClientSampleId :
PB168971BL

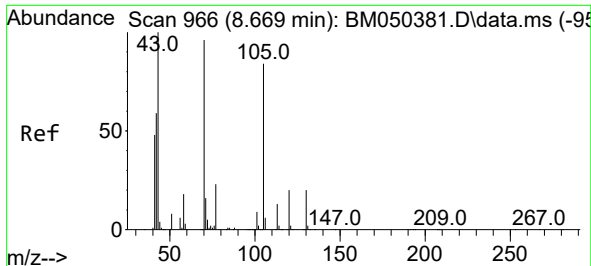
Tgt Ion:107 Resp: 717
Ion Ratio Lower Upper
107 100
108 0.0 92.1 138.1#
77 228.6 38.2 57.4#
79 189.8 36.2 54.4#



#18
Hexachloroethane
Concen: 0.050 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.018 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

Tgt Ion:117 Resp: 737
Ion Ratio Lower Upper
117 100
119 66.4 75.6 113.4#
201 0.0 87.9 131.9#

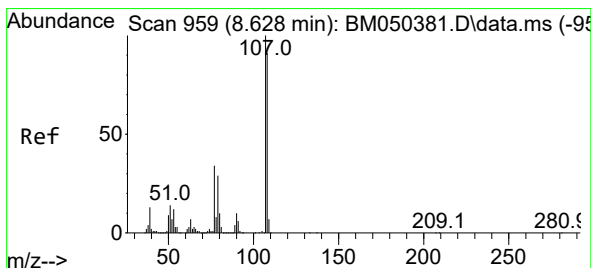
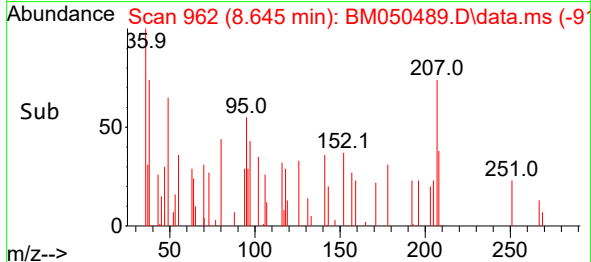
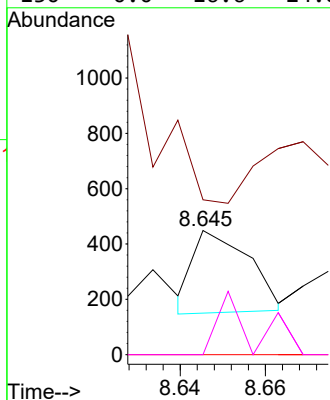
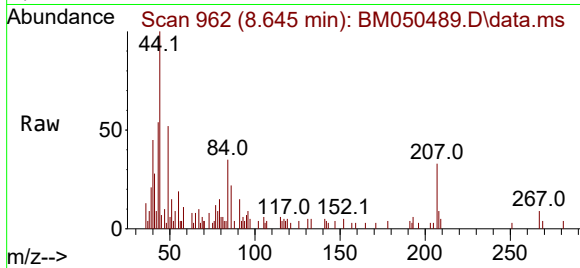




#19
n-Nitroso-di-n-propylamine
Concen: 0.011 ng
RT: 8.645 min Scan# 966
Delta R.T. -0.006 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

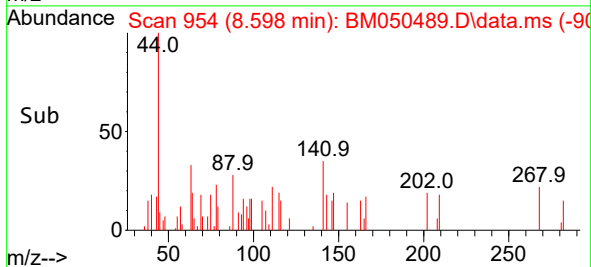
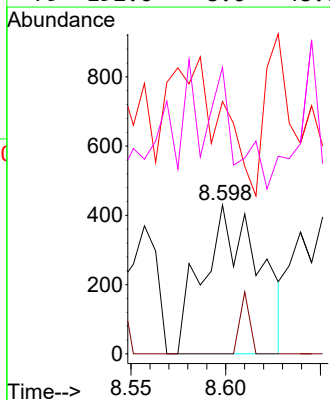
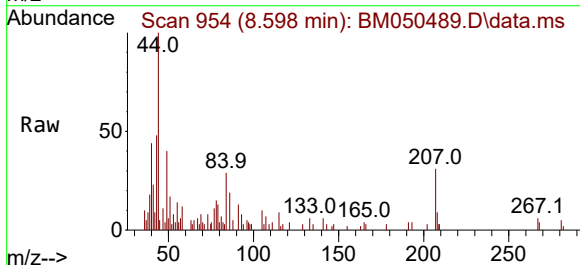
Instrument :
BNA_M
ClientSampleId :
PB168971BL

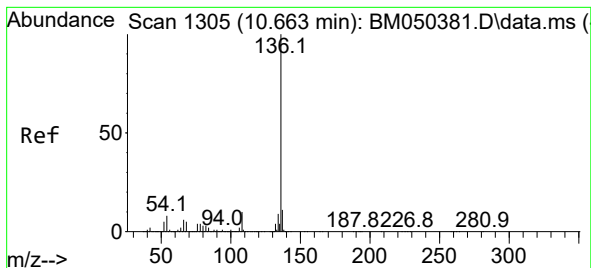
Tgt Ion: 70 Resp: 270
Ion Ratio Lower Upper
70 100
42 124.7 49.7 74.5#
101 0.0 7.7 11.5#
130 0.0 16.6 24.8#



#20
3+4-Methylphenols
Concen: 0.024 ng
RT: 8.598 min Scan# 954
Delta R.T. -0.012 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

Tgt Ion: 107 Resp: 880
Ion Ratio Lower Upper
107 100
108 0.0 71.5 111.5#
77 169.5 13.7 53.7#
79 192.6 8.6 48.6#

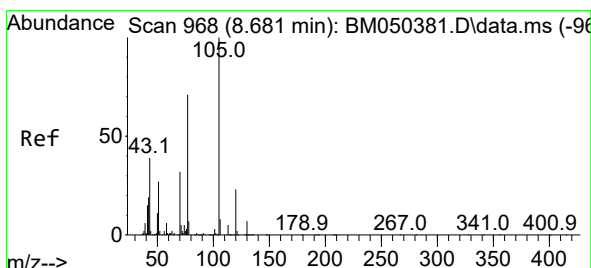
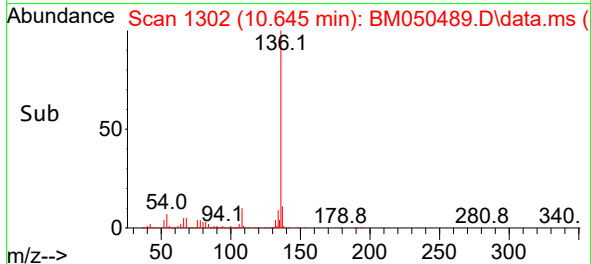
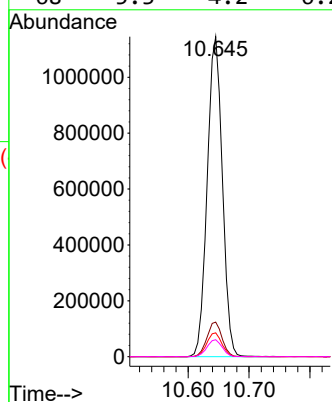
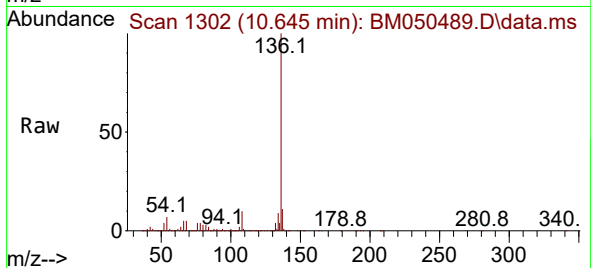




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

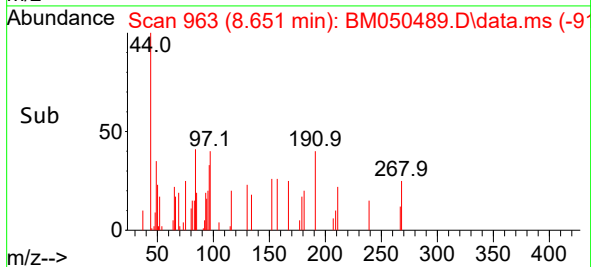
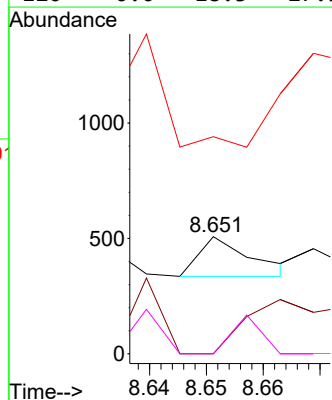
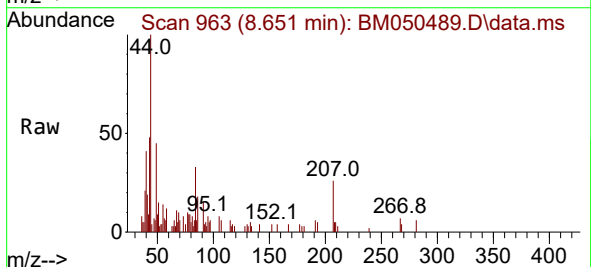
Instrument :
BNA_M
ClientSampleId :
PB168971BL

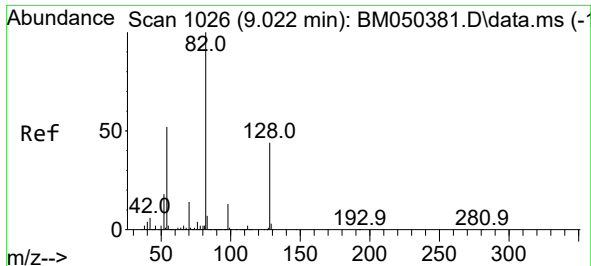
Tgt Ion:136 Resp: 1972393
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.4 6.3 9.5
68 5.3 4.2 6.2



#22
Acetophenone
Concen: 0.002 ng
RT: 8.651 min Scan# 963
Delta R.T. -0.018 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

Tgt Ion:105 Resp: 109
Ion Ratio Lower Upper
105 100
71 0.0 4.4 6.6#
51 185.2 23.0 34.6#
120 0.0 18.3 27.5#





#23

Nitrobenzene-d5

Concen: 77.123 ng

RT: 8.998 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

Instrument :

BNA_M

ClientSampleId :

PB168971BL

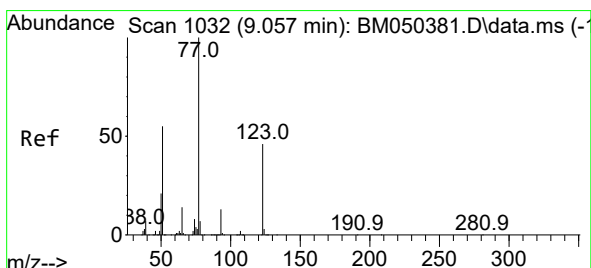
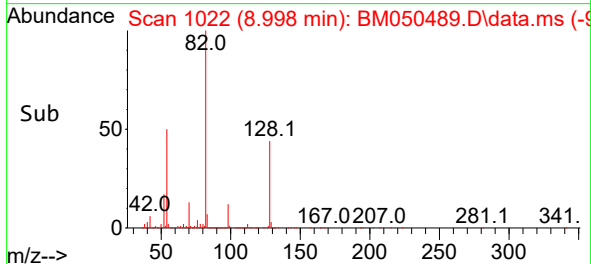
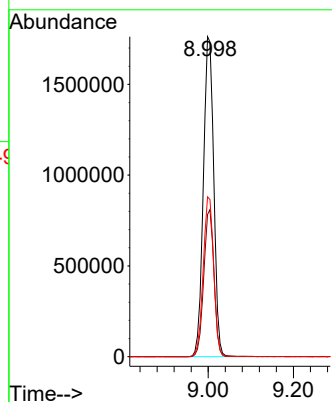
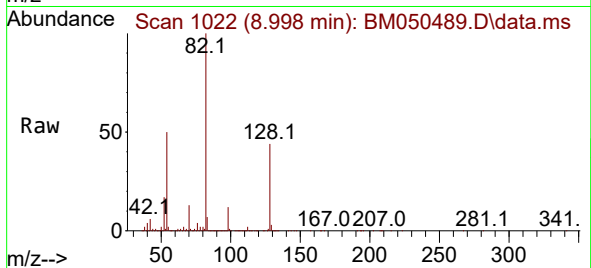
Tgt Ion: 82 Resp: 2981615

Ion Ratio Lower Upper

82 100

128 44.5 35.2 52.8

54 50.0 41.5 62.3



#24

Nitrobenzene

Concen: 0.009 ng

RT: 9.075 min Scan# 1035

Delta R.T. 0.030 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

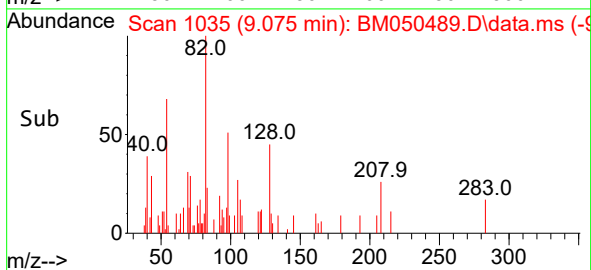
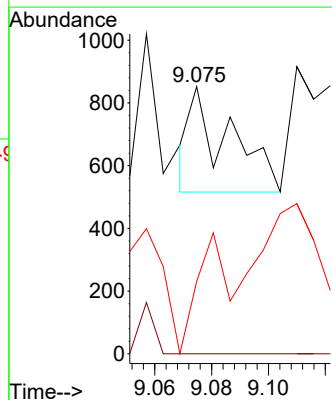
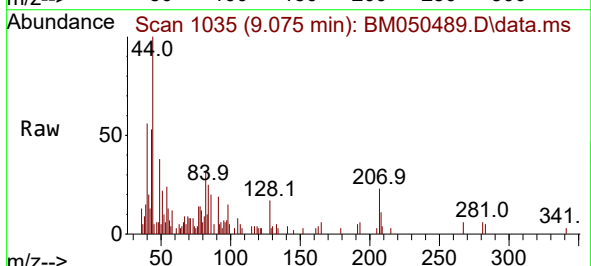
Tgt Ion: 77 Resp: 321

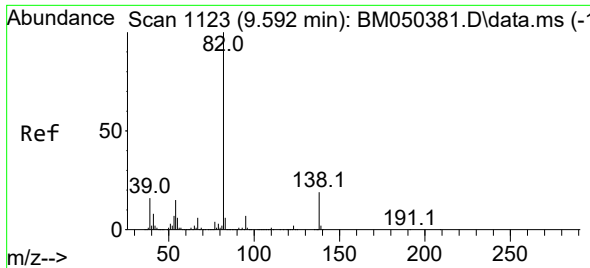
Ion Ratio Lower Upper

77 100

123 0.0 37.0 55.6#

65 27.1 11.0 16.4#





#25

Isophorone

Concen: 0.007 ng

RT: 9.575 min Scan# 1120

Delta R.T. 0.000 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

Instrument :

BNA_M

ClientSampleId :

PB168971BL

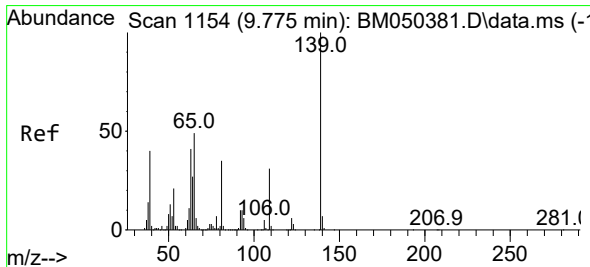
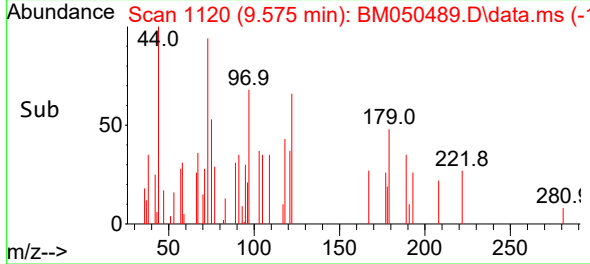
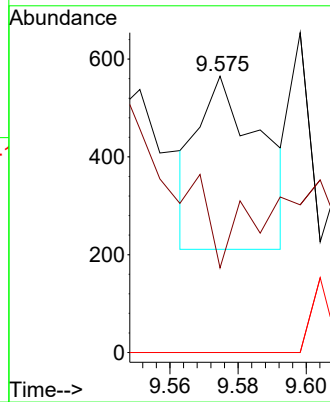
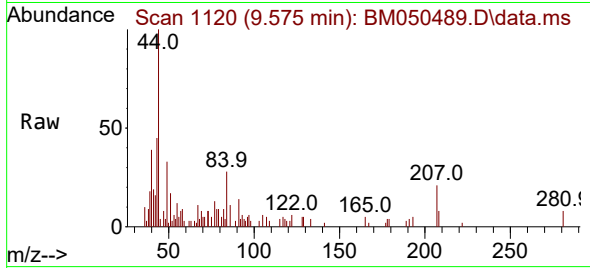
Tgt Ion: 82 Resp: 454

Ion Ratio Lower Upper

82 100

95 30.6 5.6 8.4#

138 0.0 15.3 22.9#



#26

2-Nitrophenol

Concen: 0.004 ng

RT: 9.792 min Scan# 1157

Delta R.T. 0.041 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

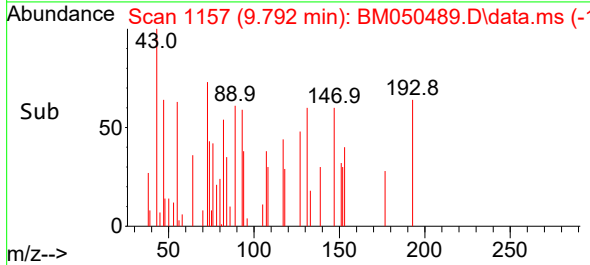
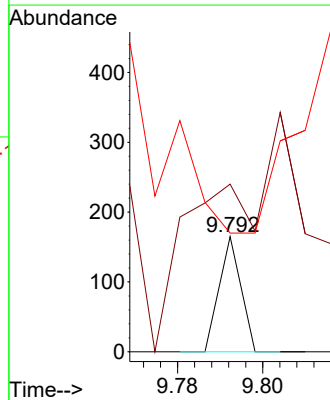
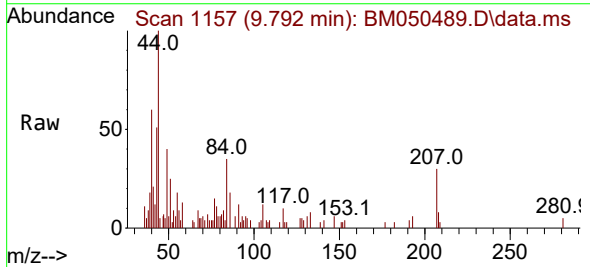
Tgt Ion: 139 Resp: 58

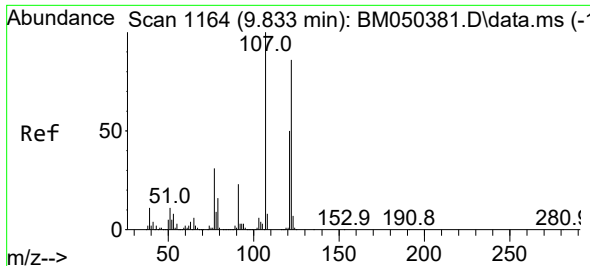
Ion Ratio Lower Upper

139 100

109 145.5 24.6 36.8#

65 103.0 39.2 58.8#





#27

2,4-Dimethylphenol

Concen: 0.003 ng

RT: 9.675 min Scan# 1164

Delta R.T. -0.141 min

Lab File: BM050489.D

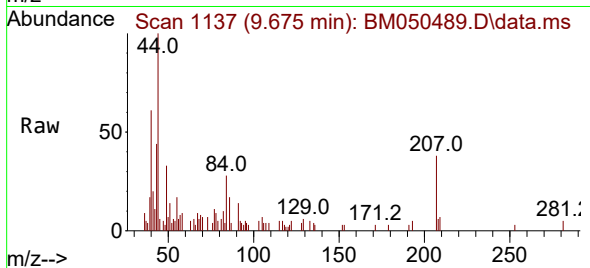
Acq: 23 Jul 2025 14:14

Instrument :

BNA_M

ClientSampleId :

PB168971BL



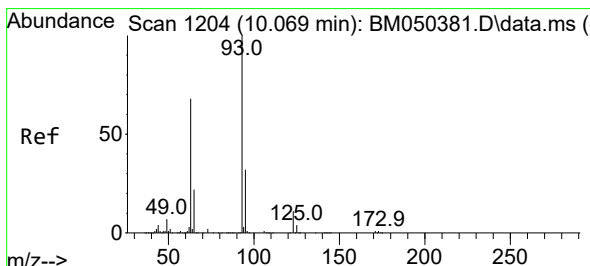
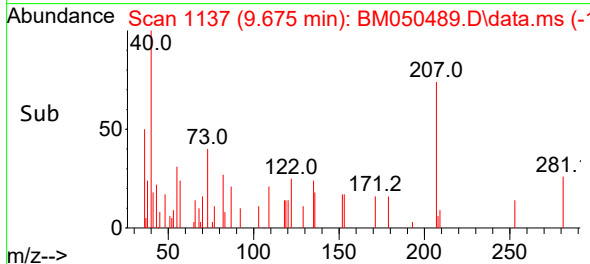
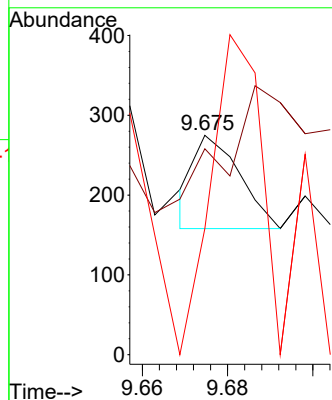
Tgt Ion:122 Resp: 86

Ion Ratio Lower Upper

122 100

107 93.8 93.0 139.6

121 57.5 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 0.005 ng

RT: 10.069 min Scan# 1204

Delta R.T. 0.018 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

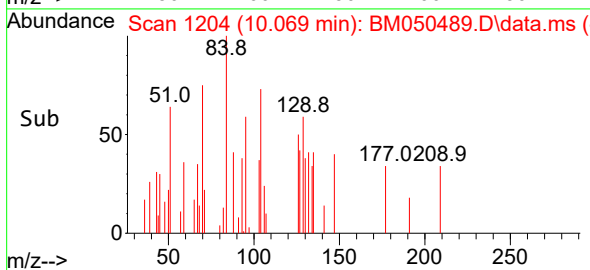
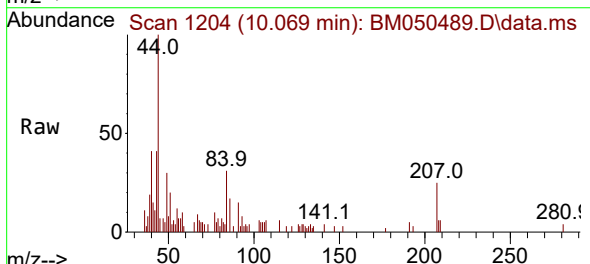
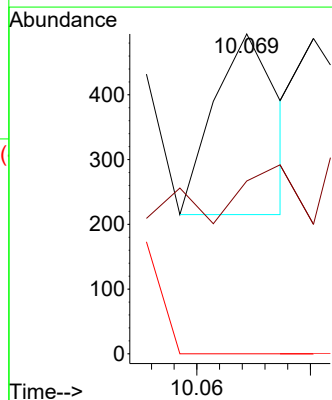
Tgt Ion: 93 Resp: 222

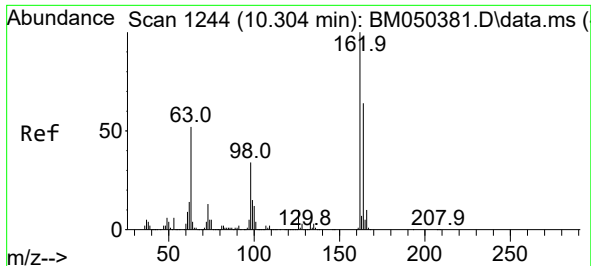
Ion Ratio Lower Upper

93 100

95 54.0 25.8 38.6#

123 0.0 9.1 13.7#





#29

2,4-Dichlorophenol

Concen: 0.002 ng

RT: 10.051 min Scan# 11

Delta R.T. -0.235 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

Instrument :

BNA_M

ClientSampleId :

PB168971BL

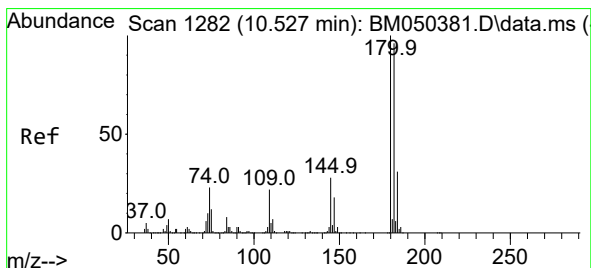
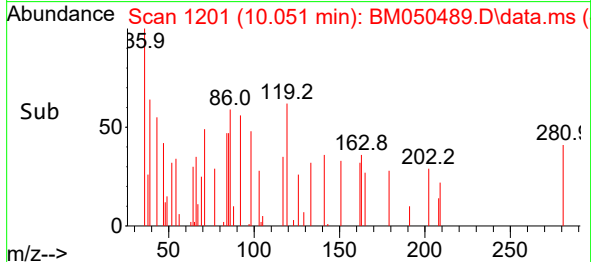
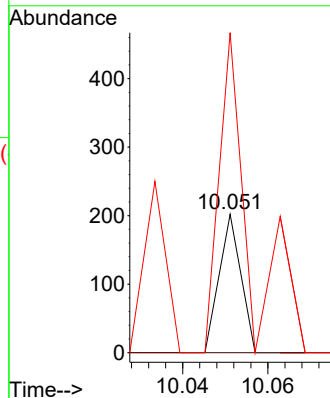
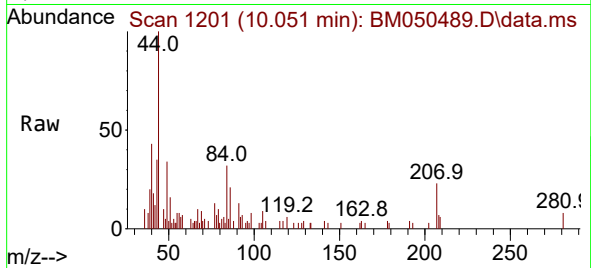
Tgt Ion:162 Resp: 71

Ion Ratio Lower Upper

162 100

164 0.0 43.7 83.7#

98 231.2 13.7 53.7#



#30

1,2,4-Trichlorobenzene

Concen: 0.002 ng

RT: 10.586 min Scan# 1292

Delta R.T. 0.082 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

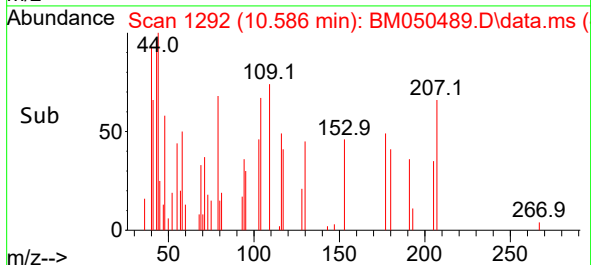
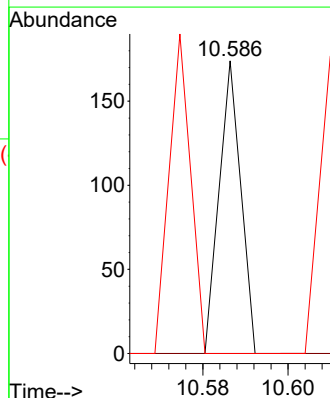
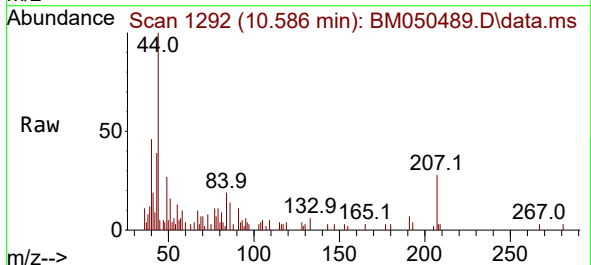
Tgt Ion:180 Resp: 61

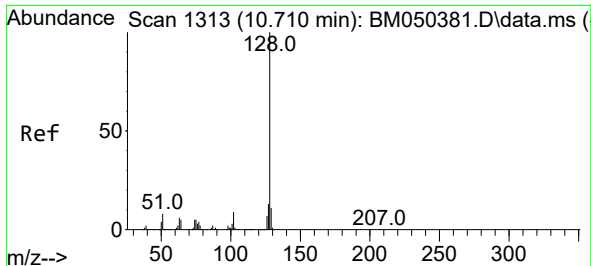
Ion Ratio Lower Upper

180 100

182 0.0 76.8 115.2#

145 0.0 22.6 33.8#

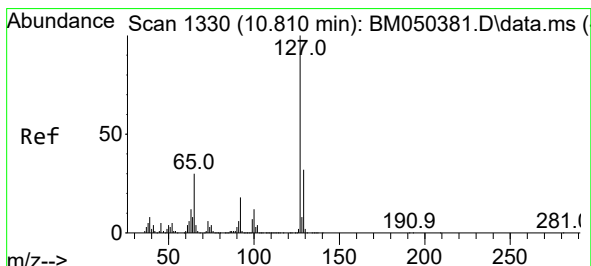
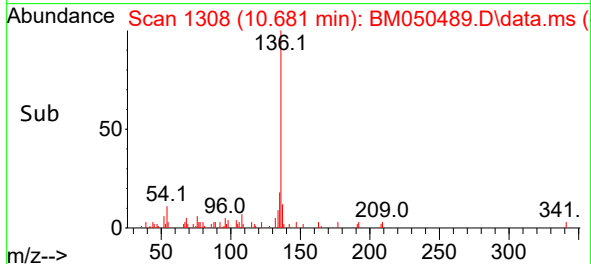
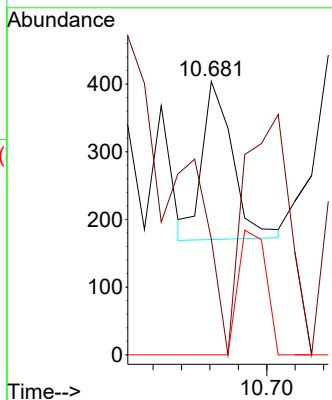
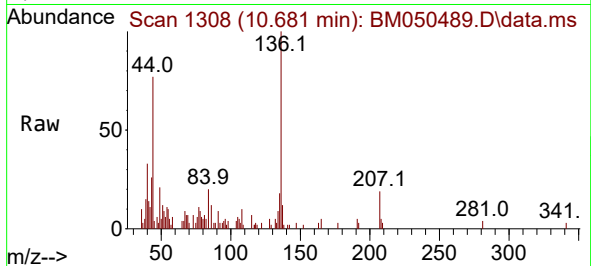




#31
Naphthalene
Concen: 0.002 ng
RT: 10.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

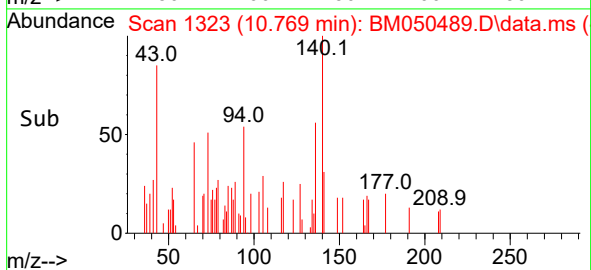
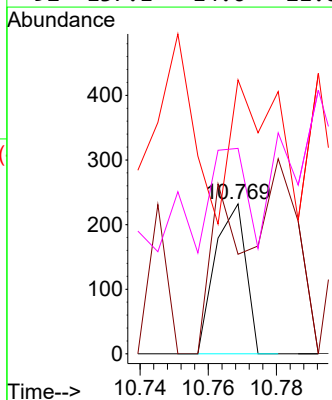
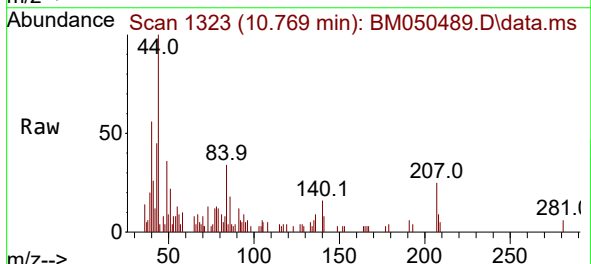
Instrument :
BNA_M
ClientSampleId :
PB168971BL

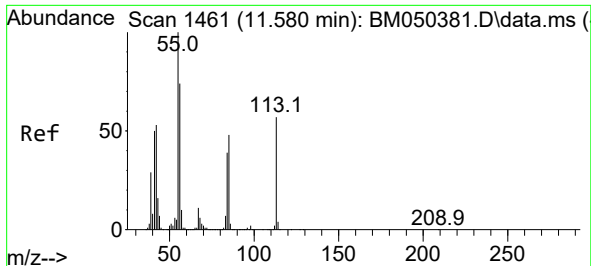
Tgt Ion:128 Resp: 173
Ion Ratio Lower Upper
128 100
129 42.3 8.8 13.2#
127 0.0 10.4 15.6#



#33
4-Chloroaniline
Concen: 0.003 ng
RT: 10.769 min Scan# 1323
Delta R.T. -0.023 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

Tgt Ion:127 Resp: 145
Ion Ratio Lower Upper
127 100
129 66.4 25.5 38.3#
65 182.8 23.9 35.9#
92 137.1 14.6 21.8#

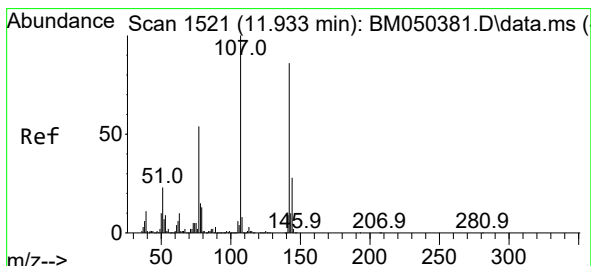
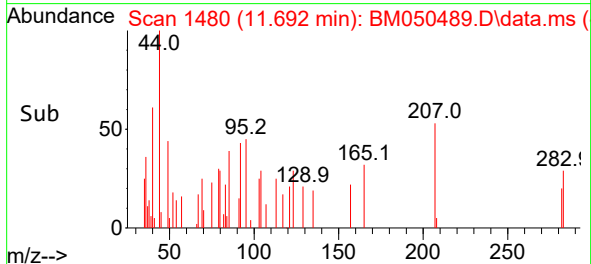
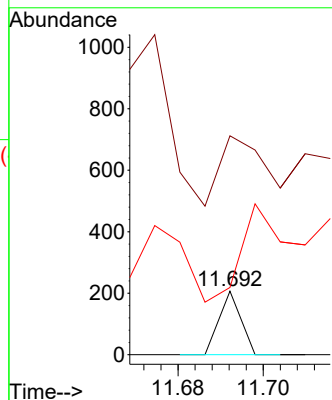
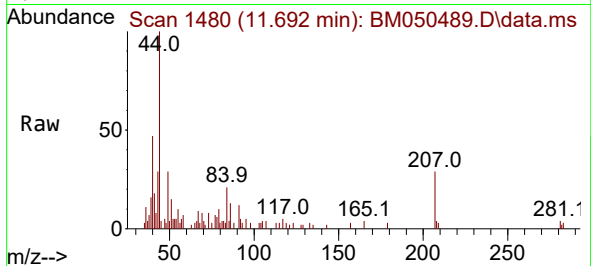




#35
Caprolactam
Concen: 0.009 ng
RT: 11.692 min Scan# 1461
Delta R.T. 0.118 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

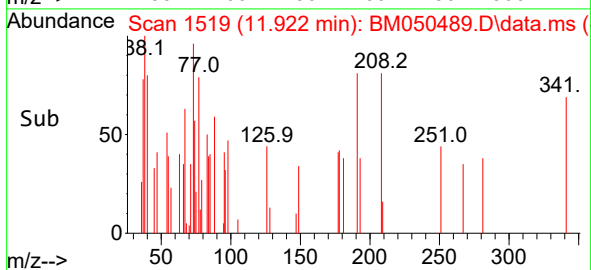
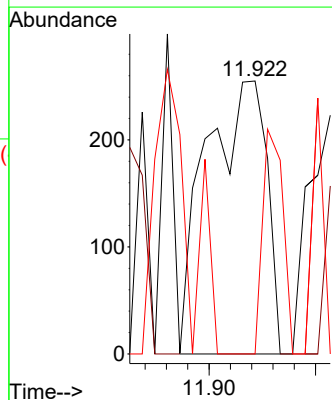
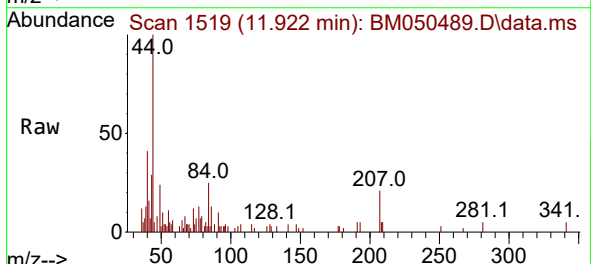
Instrument :
BNA_M
ClientSampleId :
PB168971BL

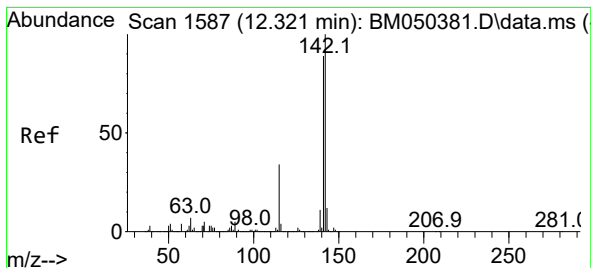
Tgt Ion:113 Resp: 73
Ion Ratio Lower Upper
113 100
55 344.0 157.2 197.2#
56 105.8 111.7 151.7#



#36
4-Chloro-3-methylphenol
Concen: 0.018 ng
RT: 11.922 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

Tgt Ion:107 Resp: 504
Ion Ratio Lower Upper
107 100
144 0.0 22.2 33.4#
142 0.0 68.7 103.1#





#37

2-Methylnaphthalene

Concen: 0.004 ng

RT: 12.304 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

Instrument :

BNA_M

ClientSampleId :

PB168971BL

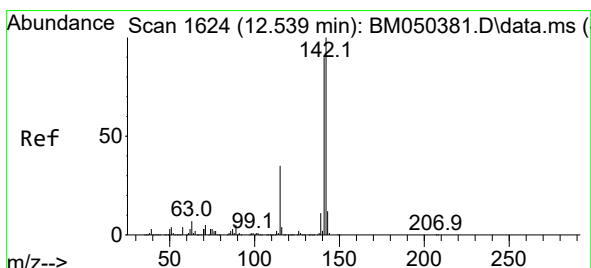
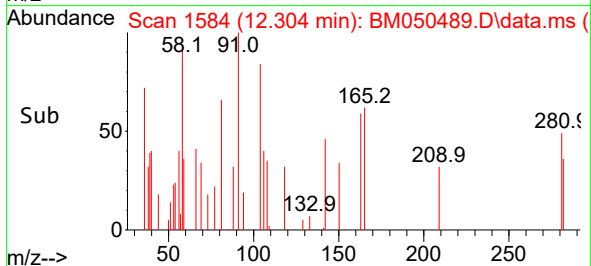
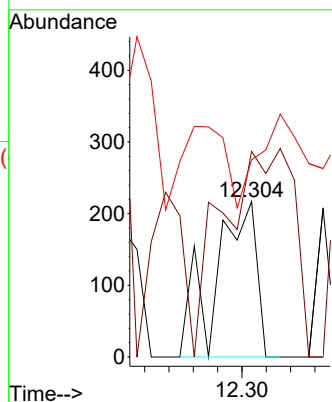
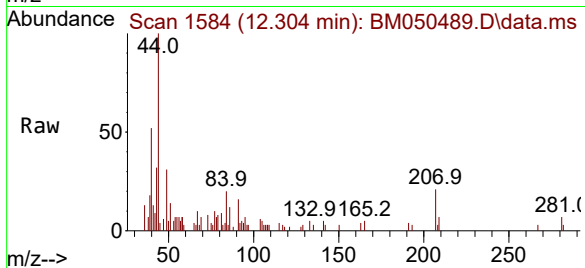
Tgt Ion:142 Resp: 256

Ion Ratio Lower Upper

142 100

141 132.3 70.8 106.2#

115 126.7 27.0 40.4#



#38

1-Methylnaphthalene

Concen: 0.002 ng

RT: 12.504 min Scan# 1618

Delta R.T. -0.018 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

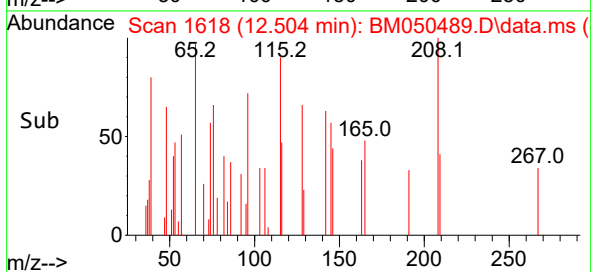
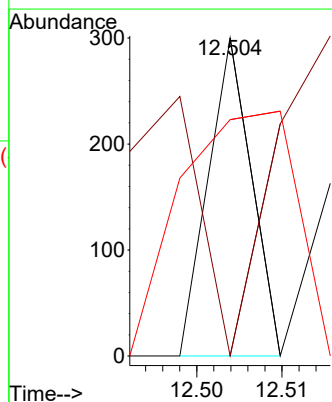
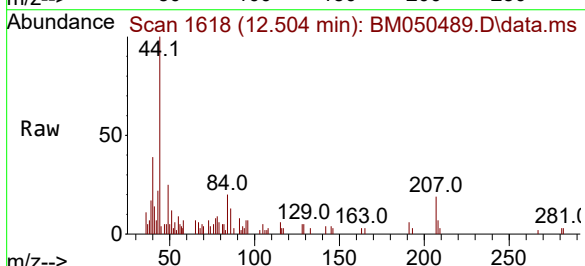
Tgt Ion:142 Resp: 106

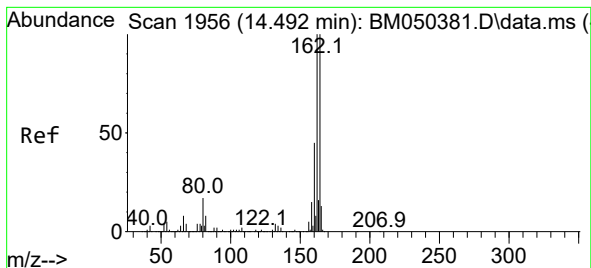
Ion Ratio Lower Upper

142 100

141 0.0 71.9 107.9#

116 74.3 3.0 4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.480 min Scan# 1956

Delta R.T. 0.006 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

Instrument :

BNA_M

ClientSampleId :

PB168971BL

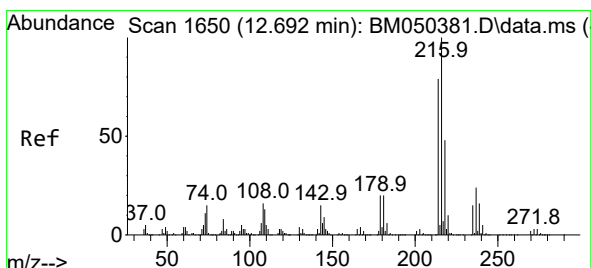
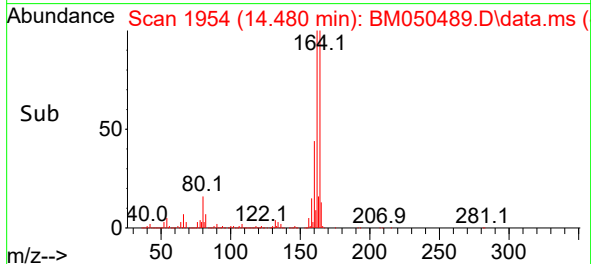
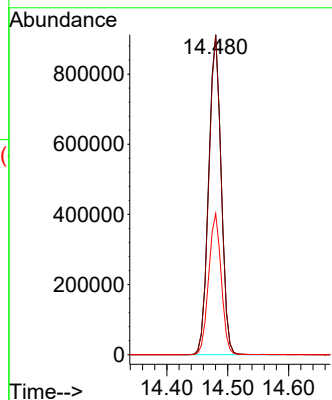
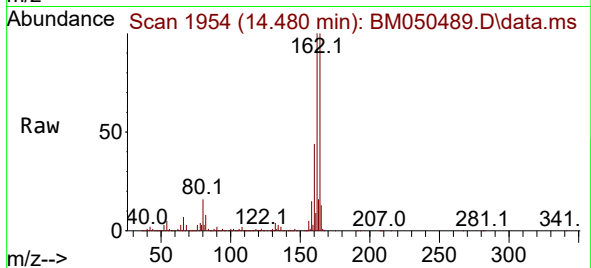
Tgt Ion:164 Resp: 1303835

Ion Ratio Lower Upper

164 100

162 99.9 79.9 119.9

160 44.1 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 0.001 ng

RT: 12.457 min Scan# 1610

Delta R.T. -0.212 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

Tgt Ion:216 Resp: 57

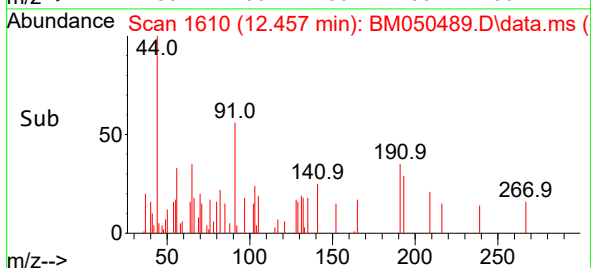
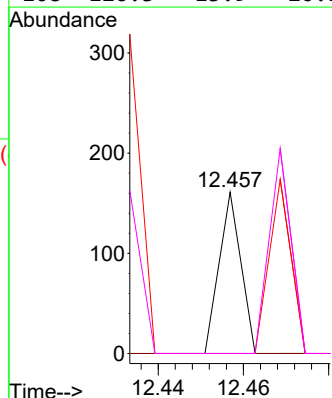
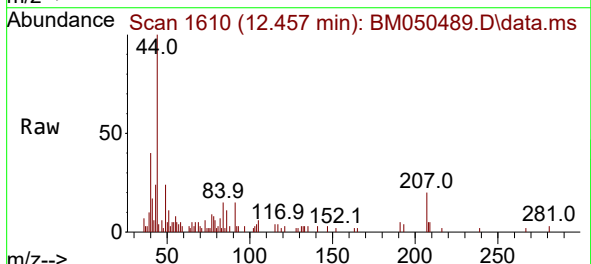
Ion Ratio Lower Upper

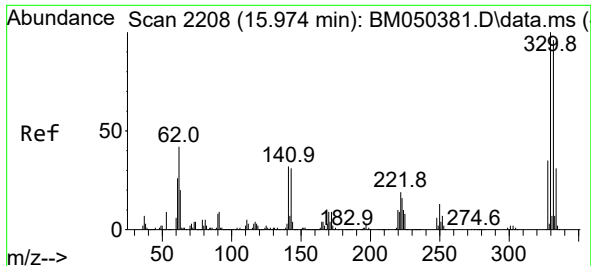
216 100

214 0.0 63.3 94.9#

179 107.0 16.4 24.6#

108 126.3 13.9 20.9#

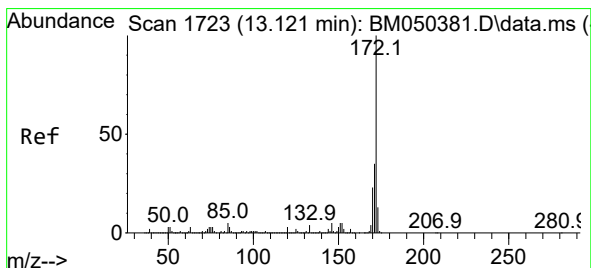
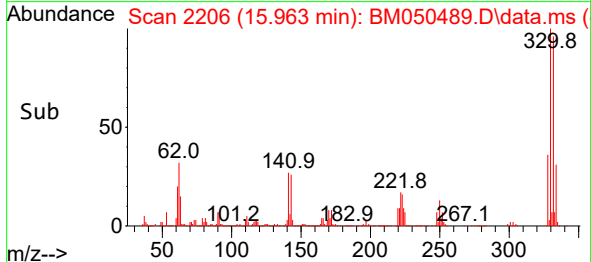
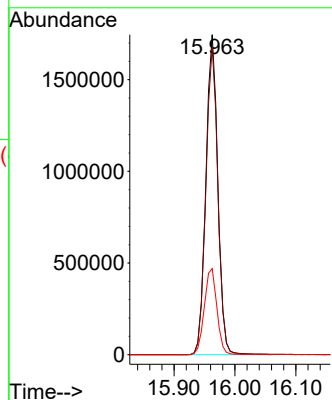
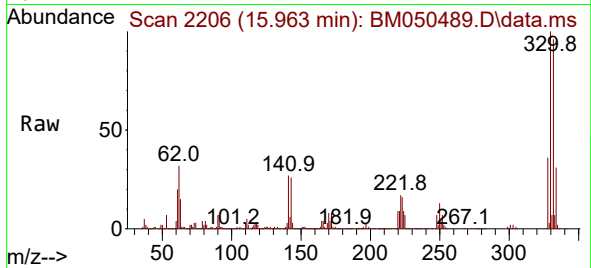




#42
2,4,6-Tribromophenol
Concen: 150.426 ng
RT: 15.963 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

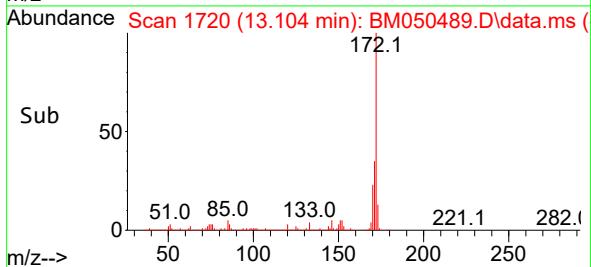
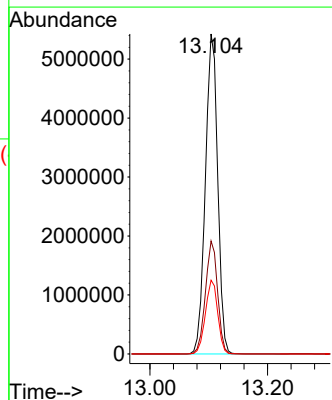
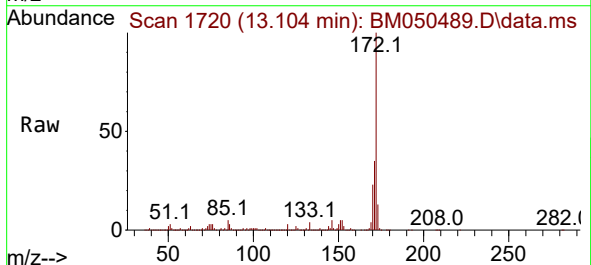
Instrument :
BNA_M
ClientSampleId :
PB168971BL

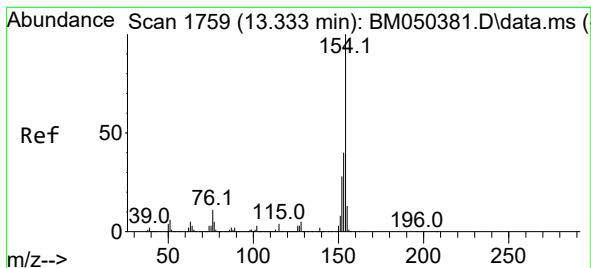
Tgt Ion:330 Resp: 2383000
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 28.4 27.4 41.0



#45
2-Fluorobiphenyl
Concen: 74.600 ng
RT: 13.104 min Scan# 1720
Delta R.T. 0.000 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

Tgt Ion:172 Resp: 7876197
Ion Ratio Lower Upper
172 100
171 35.3 27.7 41.5
170 23.0 18.8 28.2





#46

1,1'-Biphenyl

Concen: 0.151 ng

RT: 13.104 min Scan# 1

Delta R.T. -0.206 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

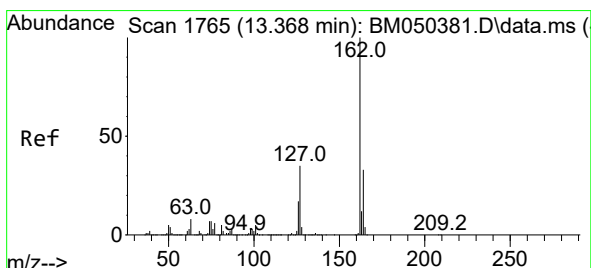
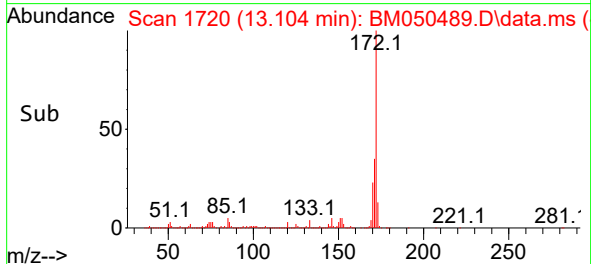
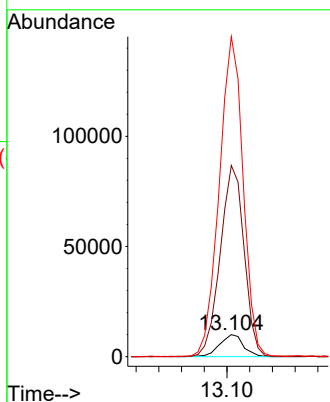
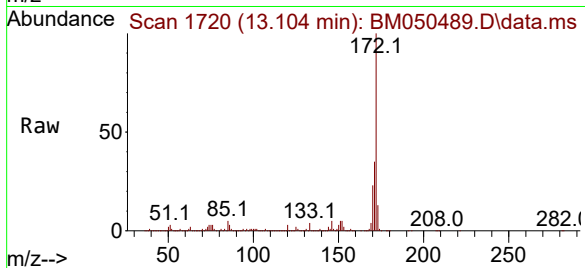
Instrument :

BNA_M

ClientSampleId :

PB168971BL

Tgt Ion:154 Resp: 14599
 Ion Ratio Lower Upper
 154 100
 153 863.9 19.7 59.7#
 76 1445.4 0.0 30.9#



#47

2-Chloronaphthalene

Concen: 0.001 ng

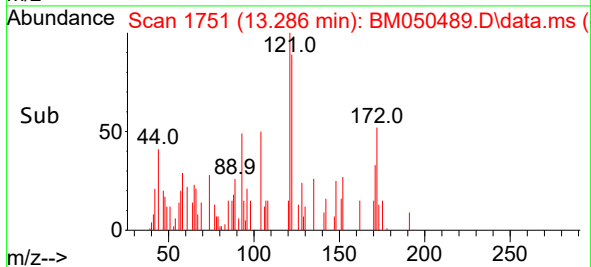
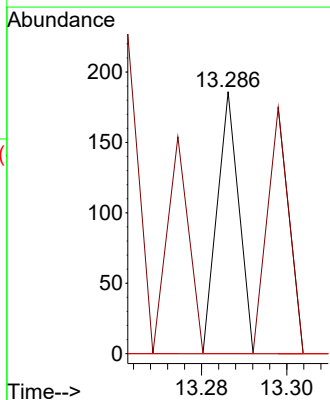
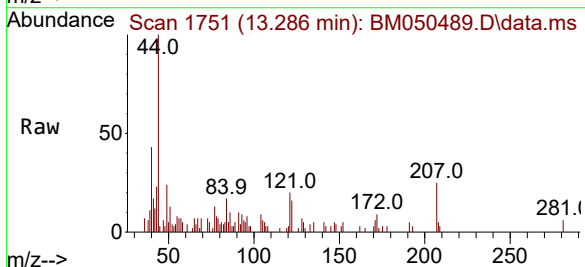
RT: 13.286 min Scan# 1751

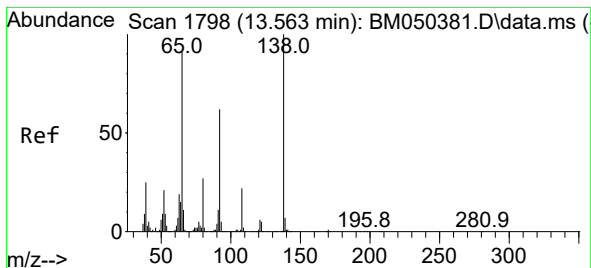
Delta R.T. -0.065 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

Tgt Ion:162 Resp: 66
 Ion Ratio Lower Upper
 162 100
 127 0.0 28.3 42.5#
 164 0.0 26.6 40.0#





#48

2-Nitroaniline

Concen: 0.020 ng

RT: 13.580 min Scan# 1

Delta R.T. 0.035 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

Instrument :

BNA_M

ClientSampleId :

PB168971BL

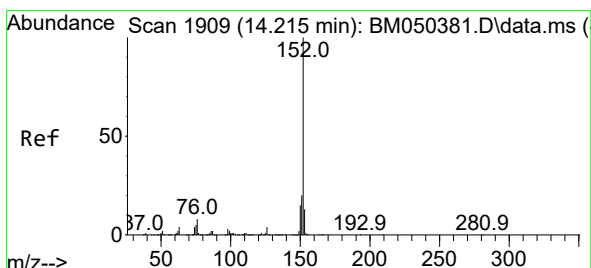
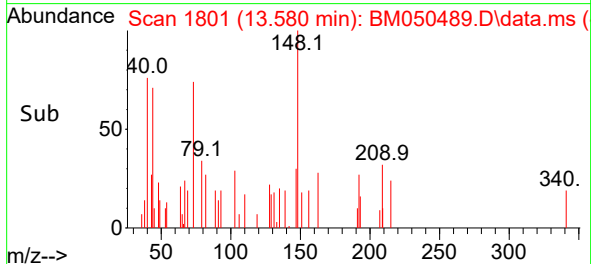
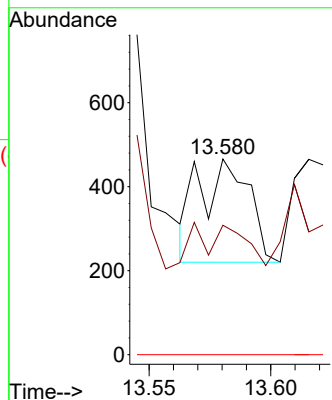
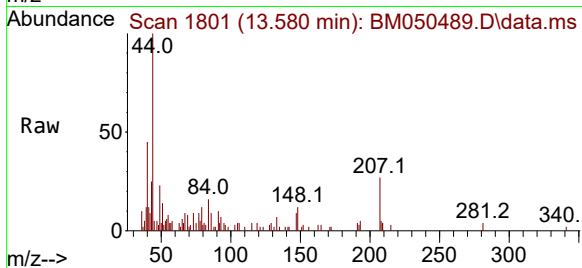
Tgt Ion: 65 Resp: 347

Ion Ratio Lower Upper

65 100

92 66.1 54.3 81.5

138 0.0 87.8 131.6#



#49

Acenaphthylene

Concen: 0.001 ng

RT: 14.204 min Scan# 1907

Delta R.T. 0.006 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

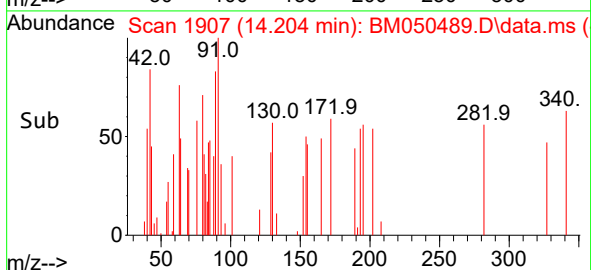
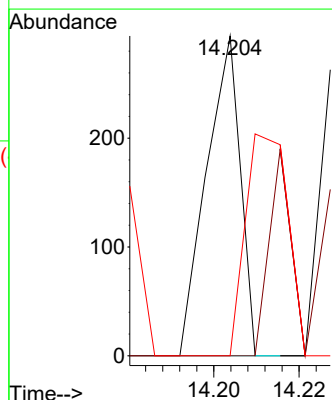
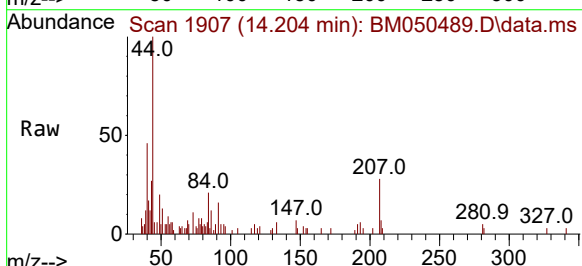
Tgt Ion:152 Resp: 162

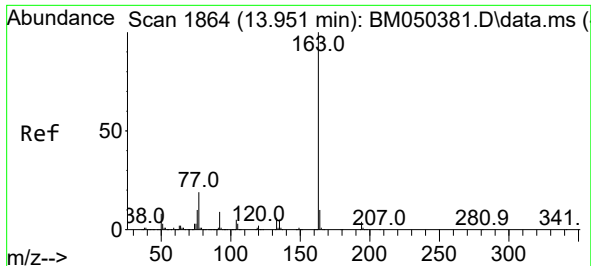
Ion Ratio Lower Upper

152 100

151 0.0 16.3 24.5#

153 0.0 10.6 15.8#

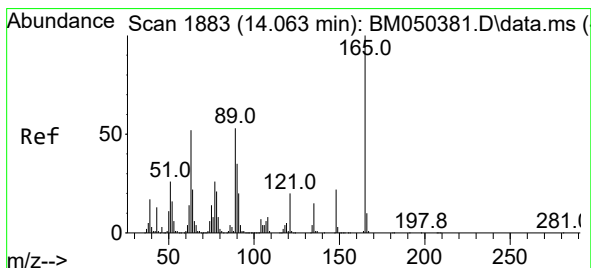
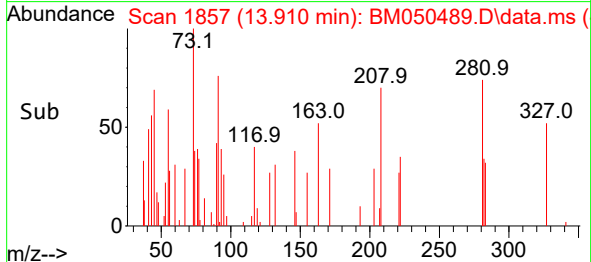
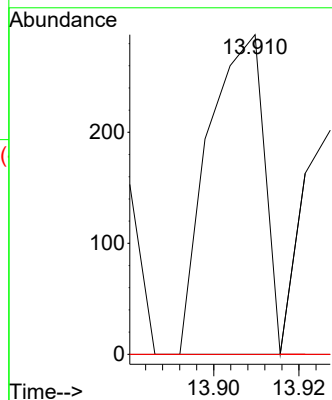
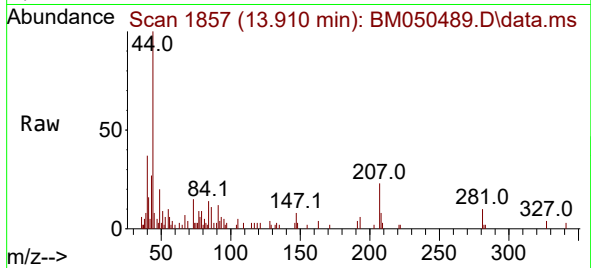




#50
Dimethylphthalate
Concen: 0.003 ng
RT: 13.910 min Scan# 1857
Delta R.T. -0.023 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

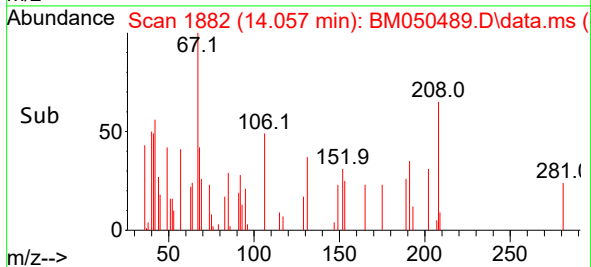
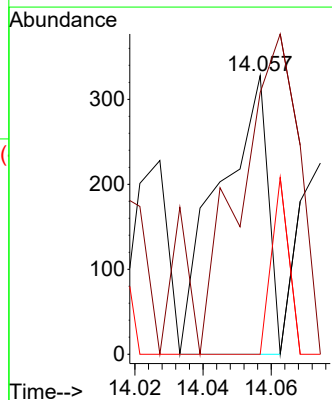
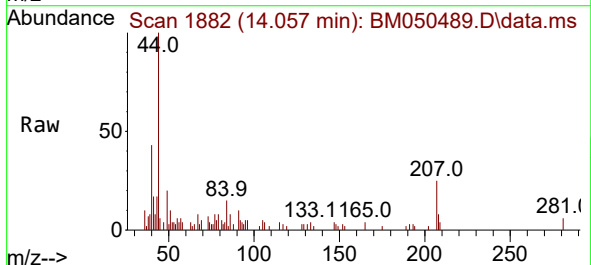
Instrument :
BNA_M
ClientSampleId :
PB168971BL

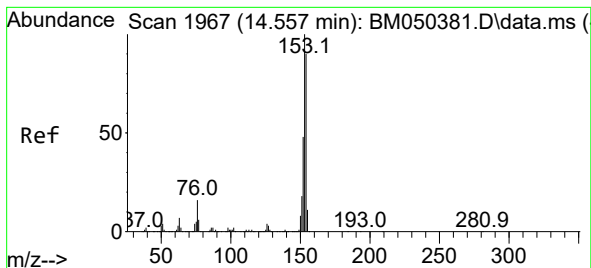
Tgt Ion:163 Resp: 262
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.2#
164 0.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 0.019 ng
RT: 14.057 min Scan# 1882
Delta R.T. 0.012 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

Tgt Ion:165 Resp: 325
Ion Ratio Lower Upper
165 100
63 93.9 42.4 63.6#
89 0.0 42.2 63.2#





#52

Acenaphthene

Concen: 0.064 ng

RT: 14.480 min Scan# 1954

Delta R.T. -0.059 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

Instrument :

BNA_M

ClientSampleId :

PB168971BL

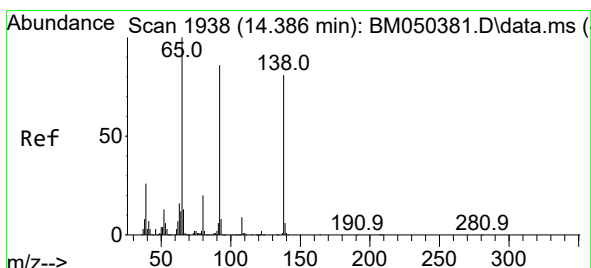
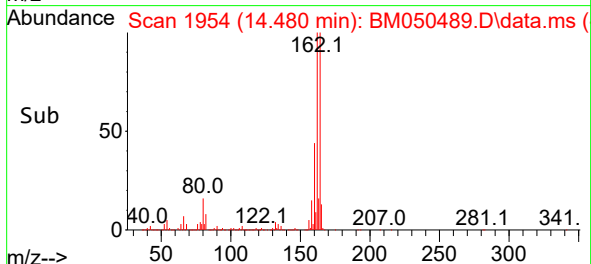
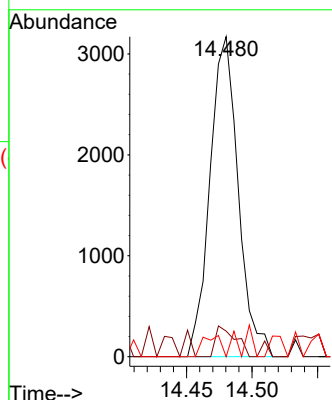
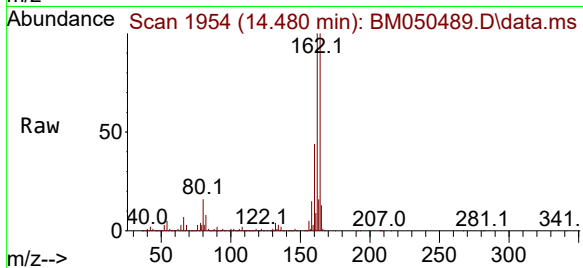
Tgt Ion:154 Resp: 4760

Ion Ratio Lower Upper

154 100

153 8.0 89.2 133.8#

152 0.0 42.6 64.0#



#53

3-Nitroaniline

Concen: 0.013 ng

RT: 14.480 min Scan# 1954

Delta R.T. 0.112 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

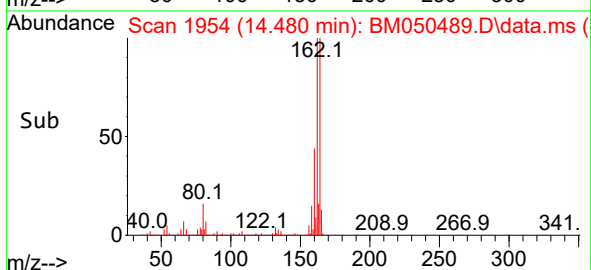
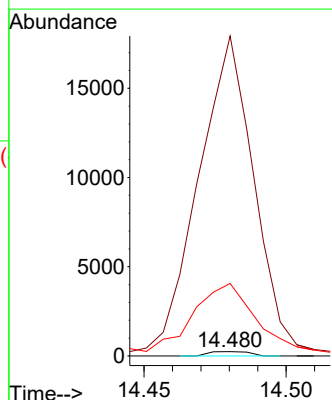
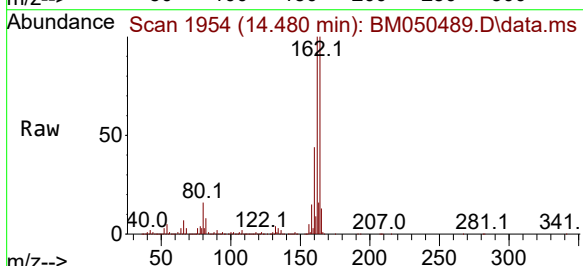
Tgt Ion:138 Resp: 244

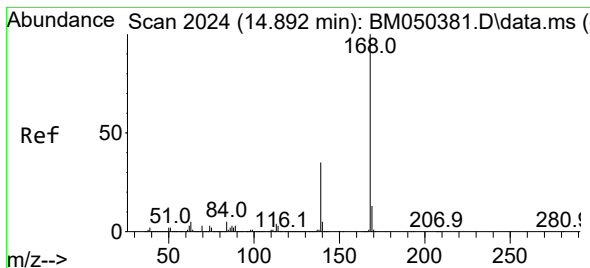
Ion Ratio Lower Upper

138 100

108 7350.8 8.8 13.2#

92 1666.8 85.0 127.6#





#55

Dibenzenofuran

Concen: 0.004 ng

RT: 14.833 min Scan# 20

Delta R.T. -0.041 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

Instrument :

BNA_M

ClientSampleId :

PB168971BL

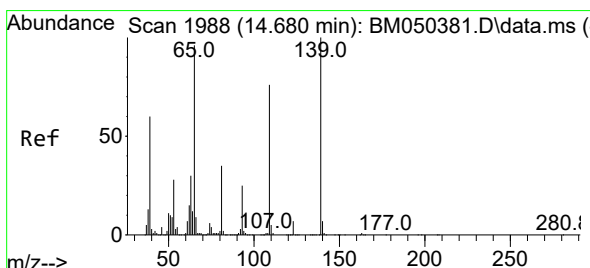
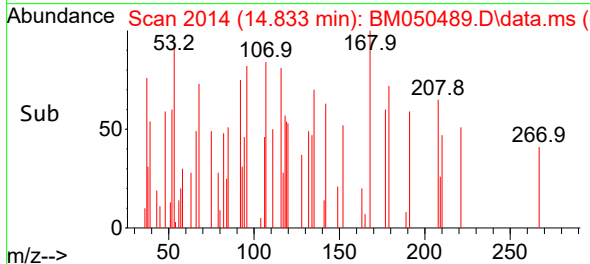
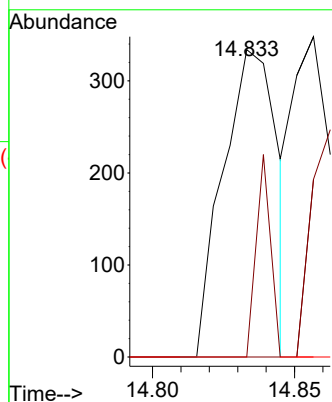
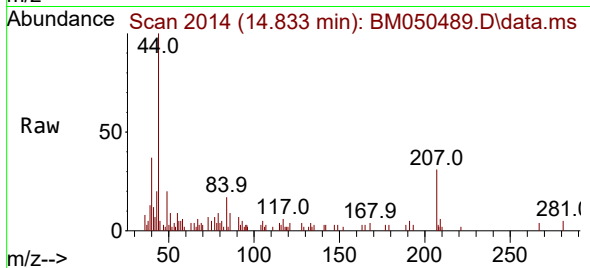
Tgt Ion:168 Resp: 445

Ion Ratio Lower Upper

168 100

139 0.0 27.7 41.5#

169 0.0 10.7 16.1#



#56

4-Nitrophenol

Concen: 0.014 ng

RT: 14.710 min Scan# 1993

Delta R.T. 0.035 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

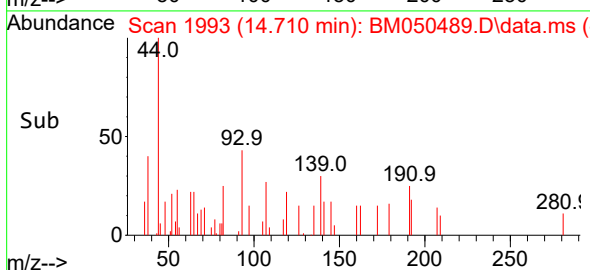
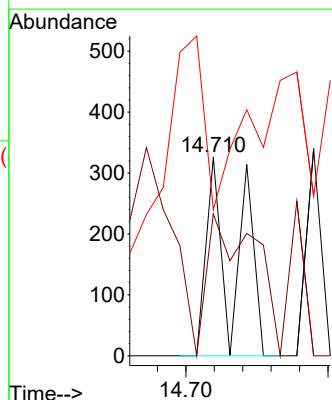
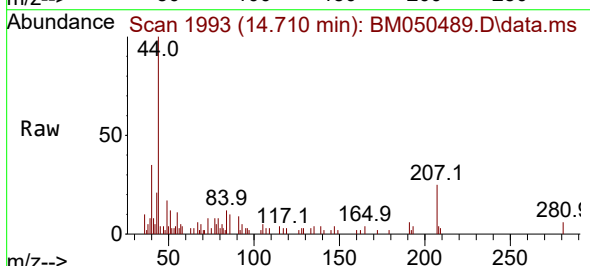
Tgt Ion:139 Resp: 226

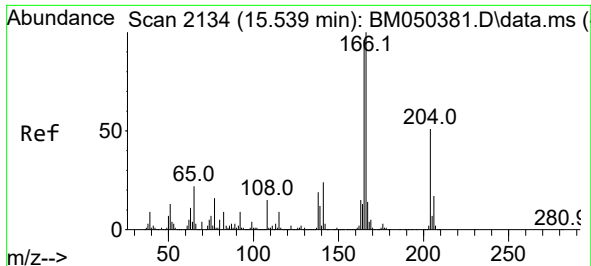
Ion Ratio Lower Upper

139 100

109 71.5 56.5 96.5

65 73.6 76.4 116.4#

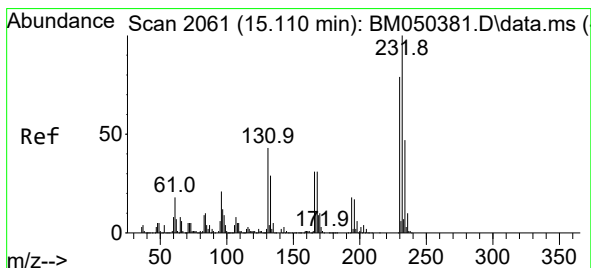
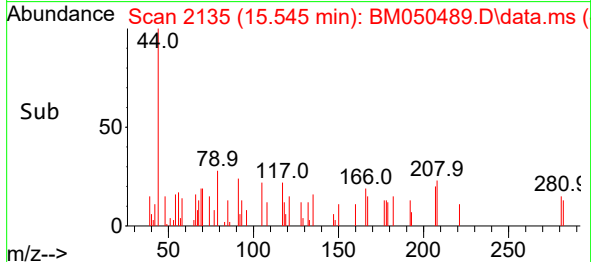
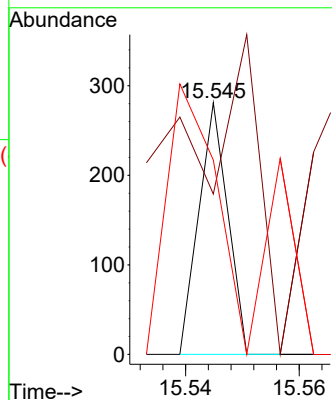
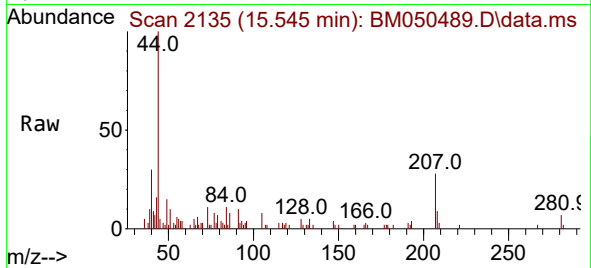




#58
Fluorene
Concen: 0.001 ng
RT: 15.545 min Scan# 2134
Delta R.T. 0.024 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

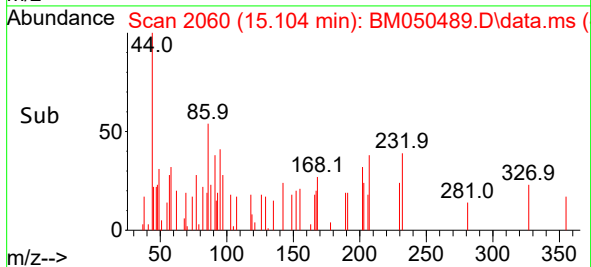
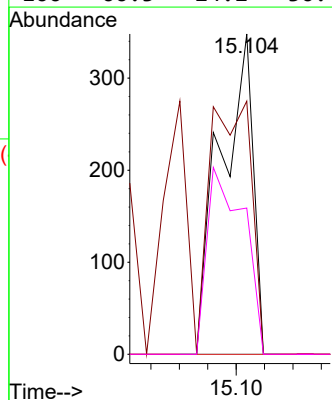
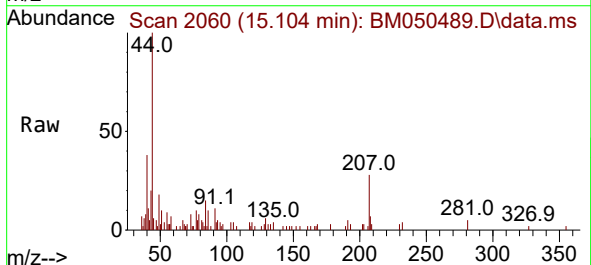
Instrument :
BNA_M
ClientSampleId :
PB168971BL

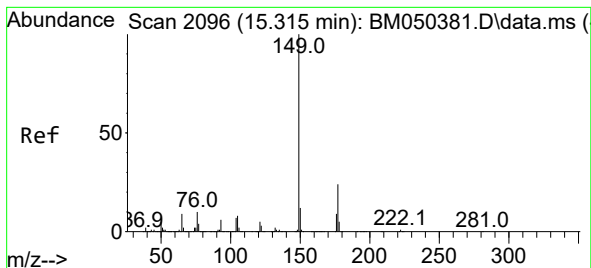
Tgt Ion:166 Resp: 99
Ion Ratio Lower Upper
166 100
165 63.7 77.0 115.6#
167 77.2 10.9 16.3#



#59
2,3,4,6-Tetrachlorophenol
Concen: 0.012 ng
RT: 15.104 min Scan# 2060
Delta R.T. 0.006 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

Tgt Ion:232 Resp: 276
Ion Ratio Lower Upper
232 100
131 100.0 33.4 50.0#
130 0.0 1.8 2.6#
166 66.3 24.2 36.4#





#60

Diethylphthalate

Concen: 0.031 ng

RT: 15.292 min Scan# 2096

Delta R.T. 0.000 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

Instrument :

BNA_M

ClientSampleId :

PB168971BL

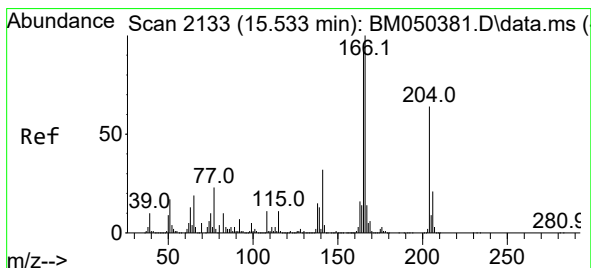
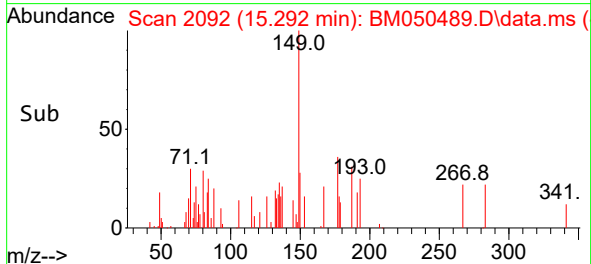
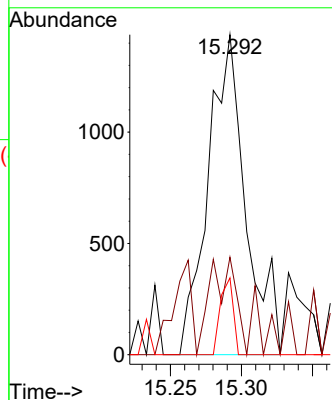
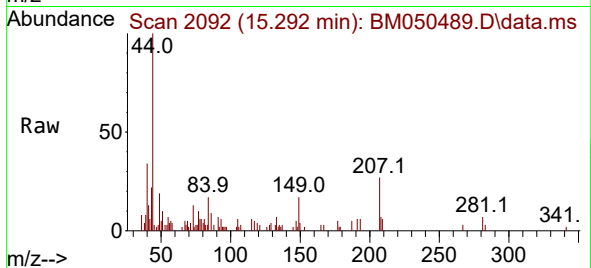
Tgt Ion:149 Resp: 2653

Ion Ratio Lower Upper

149 100

177 30.5 18.8 28.2#

150 24.0 9.8 14.8#



#61

4-Chlorophenyl-phenylether

Concen: 0.001 ng

RT: 15.510 min Scan# 2129

Delta R.T. -0.006 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

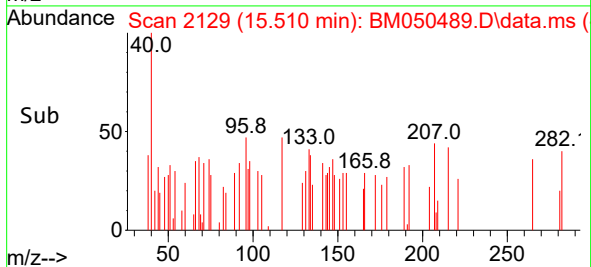
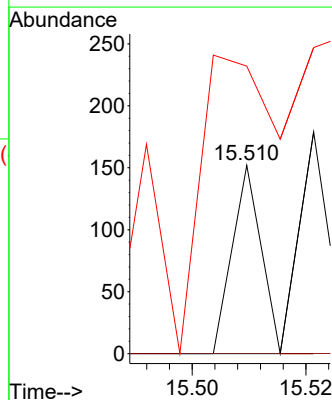
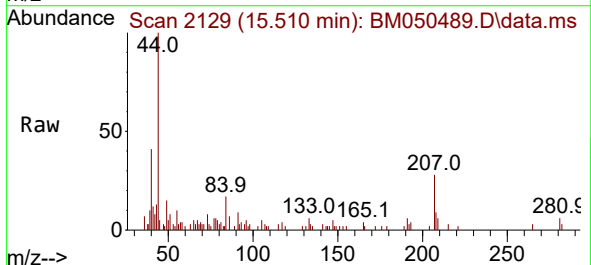
Tgt Ion:204 Resp: 54

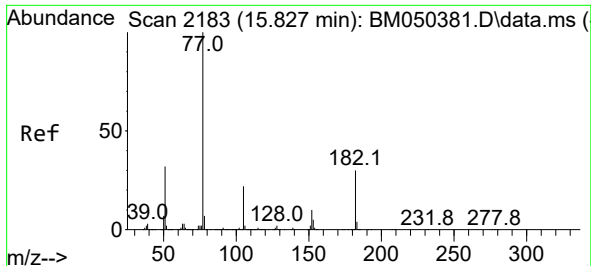
Ion Ratio Lower Upper

204 100

206 0.0 26.6 39.8#

141 152.6 39.9 59.9#

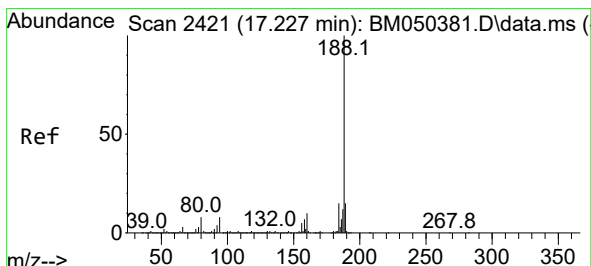
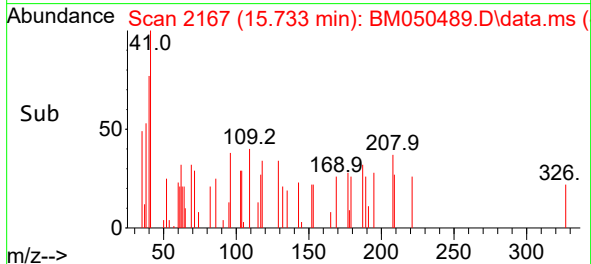
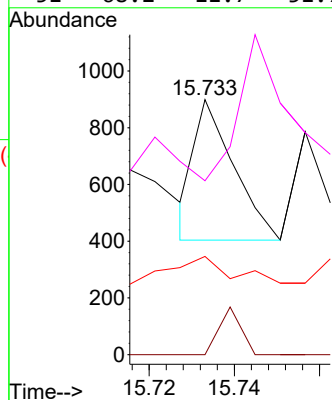
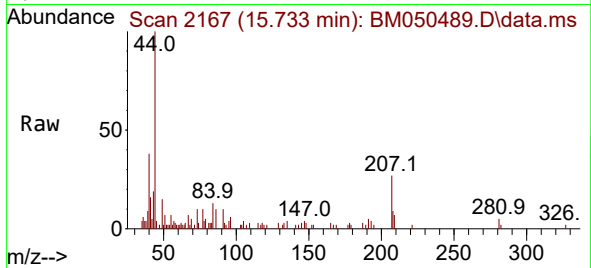




#63
Azobenzene
Concen: 0.004 ng
RT: 15.733 min Scan# 2183
Delta R.T. -0.070 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

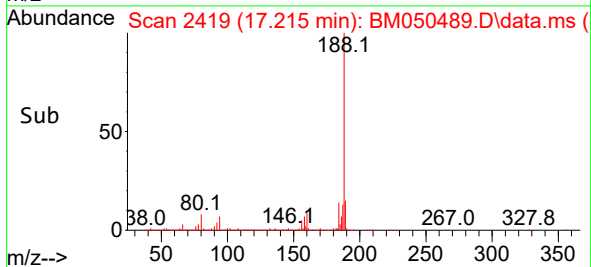
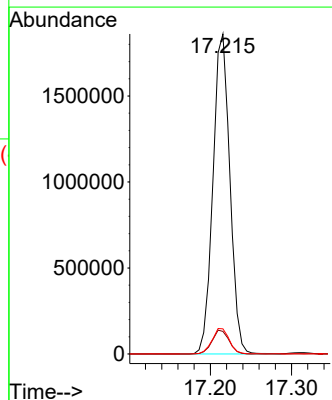
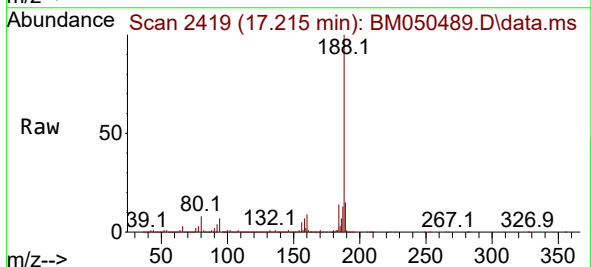
Instrument :
BNA_M
ClientSampleId :
PB168971BL

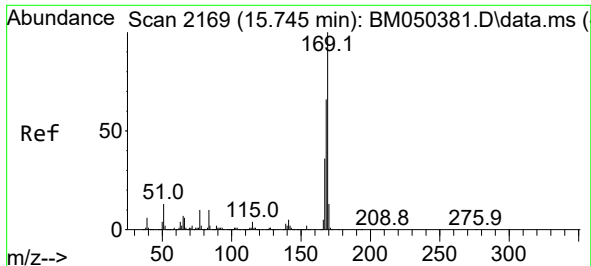
Tgt Ion: 77 Resp: 316
Ion Ratio Lower Upper
77 100
182 0.0 10.0 50.0#
105 38.5 2.0 42.0
51 68.2 11.7 51.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2419
Delta R.T. 0.006 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

Tgt Ion:188 Resp: 2694084
Ion Ratio Lower Upper
188 100
94 7.0 6.0 9.0
80 7.9 6.5 9.7

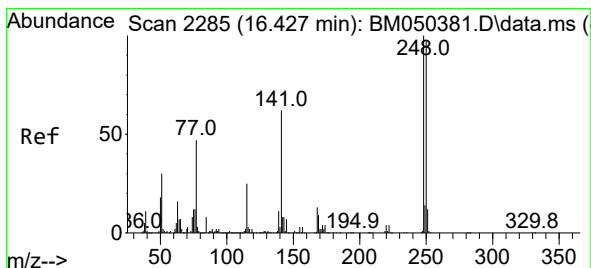
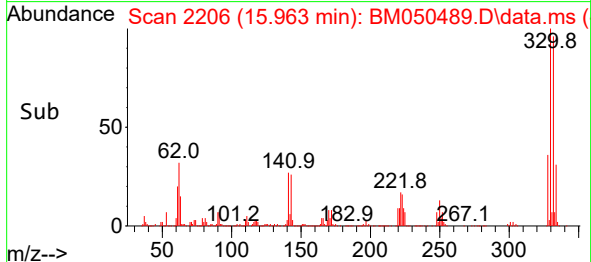
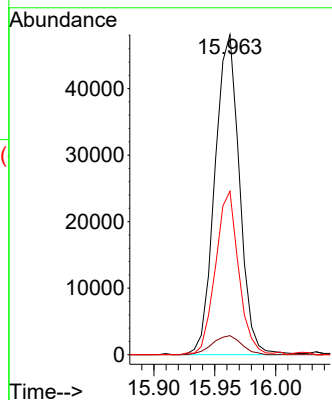
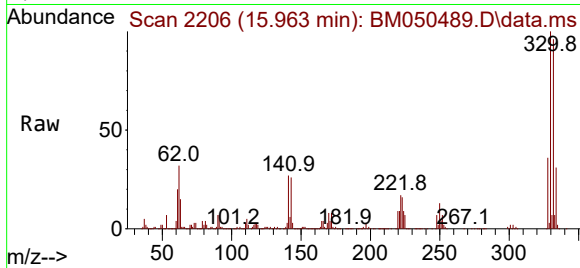




#66
n-Nitrosodiphenylamine
Concen: 0.801 ng
RT: 15.963 min Scan# 2169
Delta R.T. 0.241 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

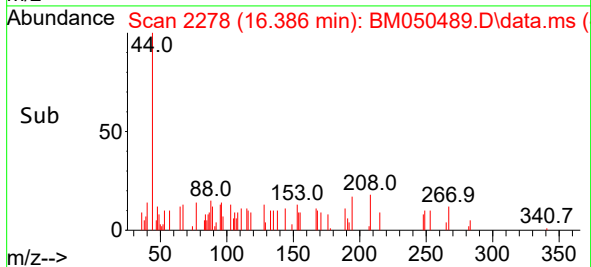
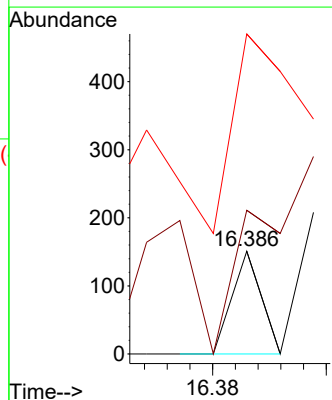
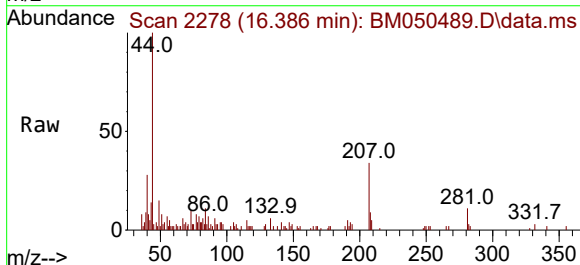
Instrument :
BNA_M
ClientSampleId :
PB168971BL

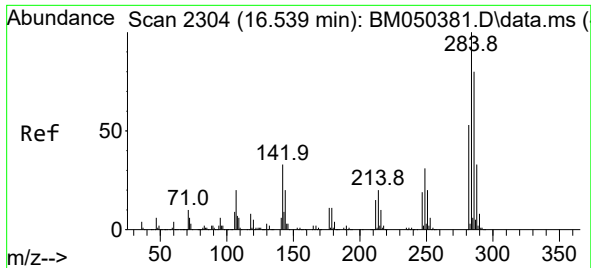
Tgt Ion:169 Resp: 67535
Ion Ratio Lower Upper
169 100
168 6.0 53.2 79.8#
167 51.1 28.7 43.1#



#67
4-Bromophenyl-phenylether
Concen: 0.002 ng
RT: 16.386 min Scan# 2278
Delta R.T. -0.018 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

Tgt Ion:248 Resp: 53
Ion Ratio Lower Upper
248 100
250 139.7 77.9 116.9#
141 311.3 49.7 74.5#

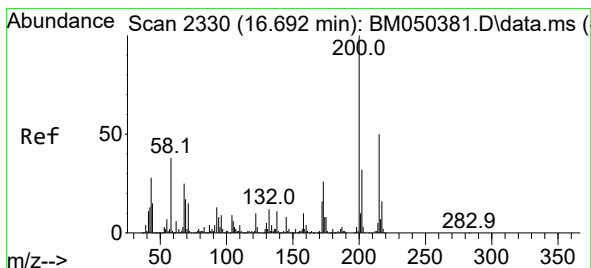
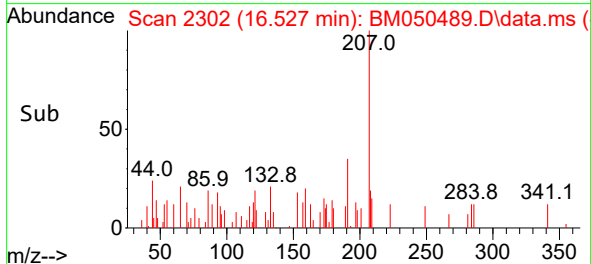
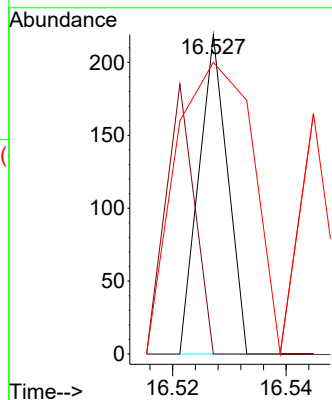
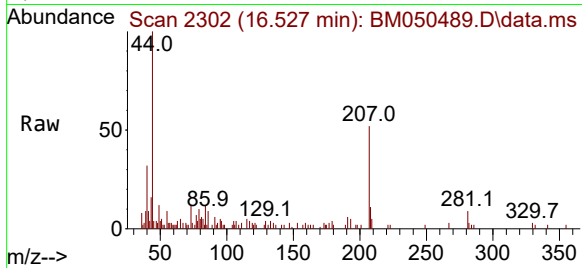




#68
Hexachlorobenzene
Concen: 0.002 ng
RT: 16.527 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

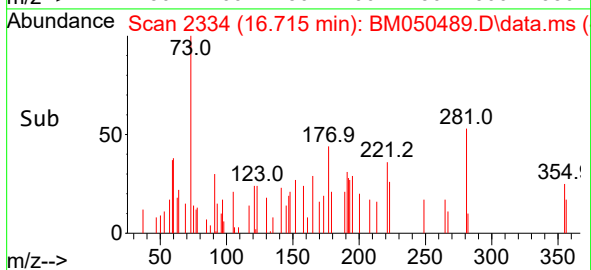
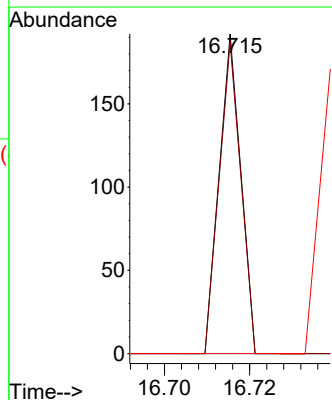
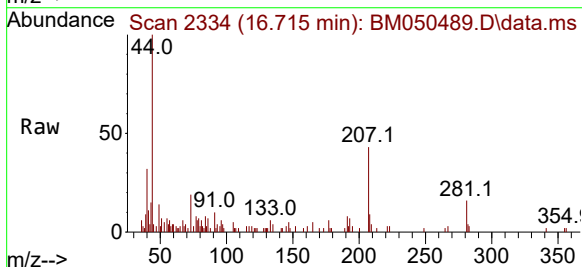
Instrument :
BNA_M
ClientSampleId :
PB168971BL

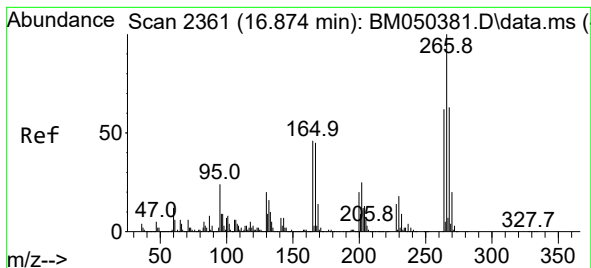
Tgt Ion:284 Resp: 77
Ion Ratio Lower Upper
284 100
142 0.0 26.8 40.2#
249 91.3 24.5 36.7#



#69
Atrazine
Concen: 0.002 ng
RT: 16.715 min Scan# 2334
Delta R.T. 0.041 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

Tgt Ion:200 Resp: 68
Ion Ratio Lower Upper
200 100
173 97.4 5.6 45.6#
215 0.0 29.6 69.6#





#70

Pentachlorophenol

Concen: 0.068 ng

RT: 16.868 min Scan# 21

Delta R.T. 0.012 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

Instrument :

BNA_M

ClientSampleId :

PB168971BL

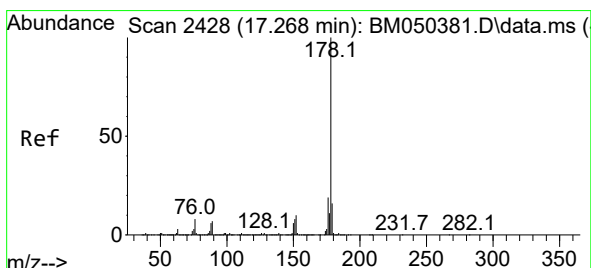
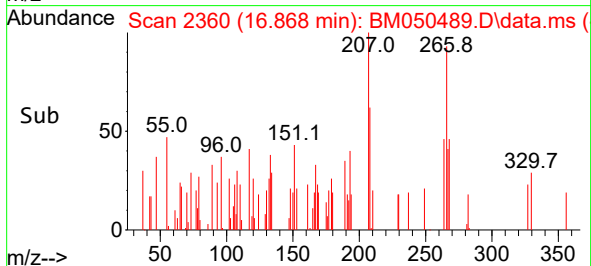
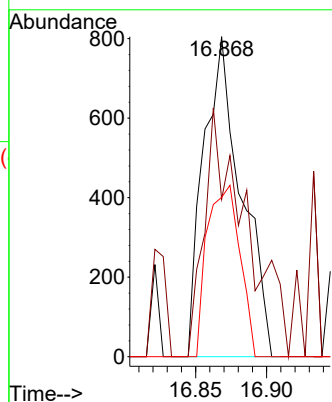
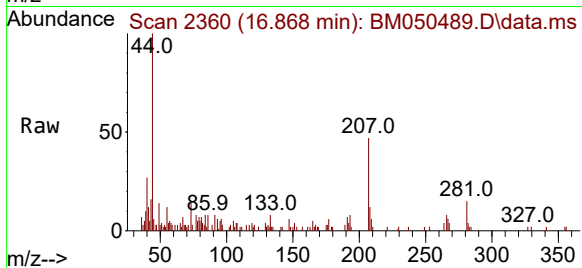
Tgt Ion:266 Resp: 1488

Ion Ratio Lower Upper

266 100

268 49.2 50.5 75.7#

264 49.8 49.9 74.9#



#71

Phenanthrene

Concen: 0.016 ng

RT: 17.257 min Scan# 2426

Delta R.T. 0.006 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

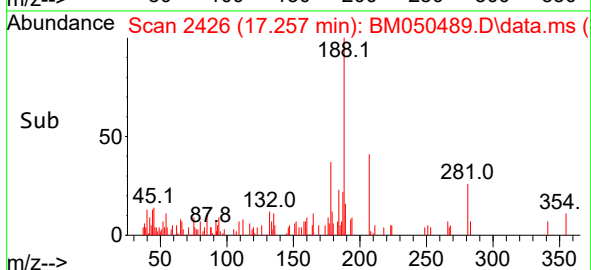
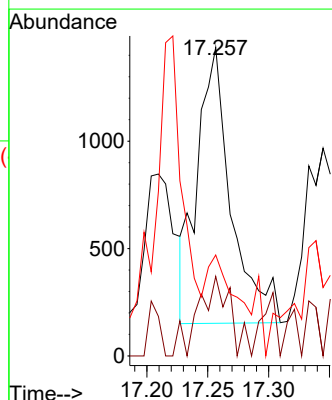
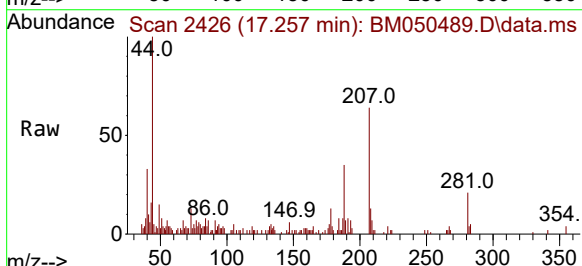
Tgt Ion:178 Resp: 2489

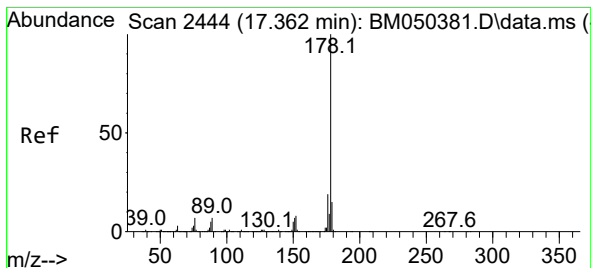
Ion Ratio Lower Upper

178 100

176 25.7 15.4 23.0#

179 32.7 12.5 18.7#





#72

Anthracene

Concen: 0.010 ng

RT: 17.345 min Scan# 2444

Delta R.T. 0.006 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

Instrument :

BNA_M

ClientSampleId :

PB168971BL

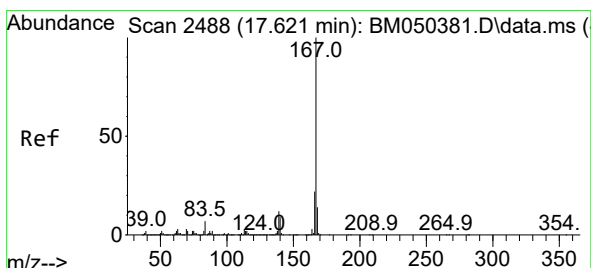
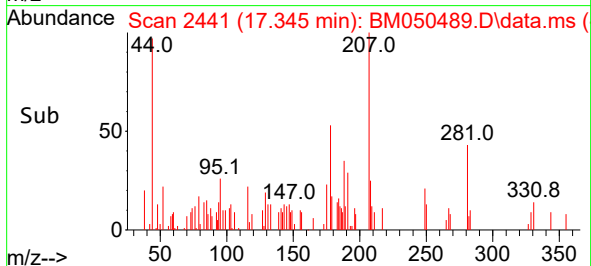
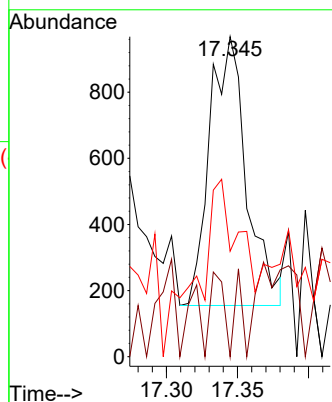
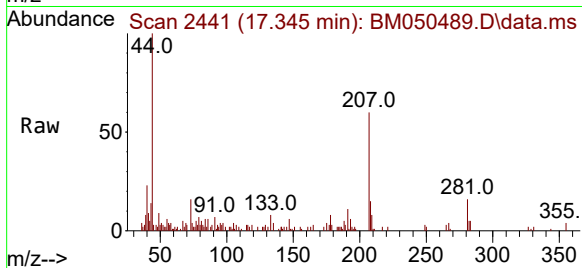
Tgt Ion:178 Resp: 1466

Ion Ratio Lower Upper

178 100

176 0.0 14.9 22.3#

179 33.0 12.2 18.4#



#73

Carbazole

Concen: 0.015 ng

RT: 17.615 min Scan# 2487

Delta R.T. 0.012 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

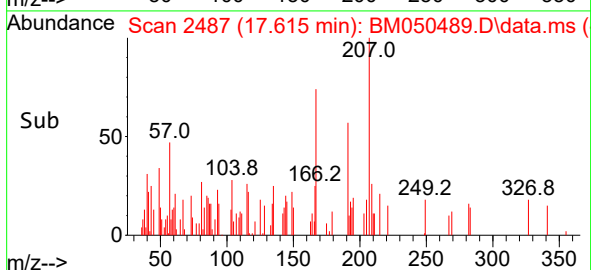
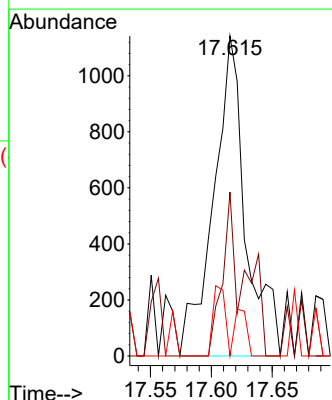
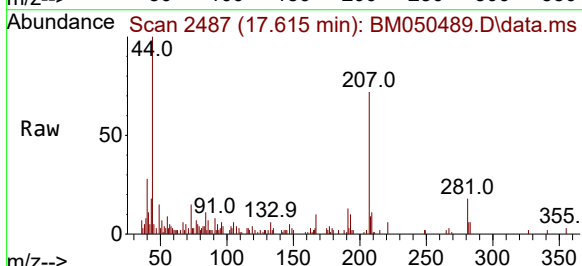
Tgt Ion:167 Resp: 2096

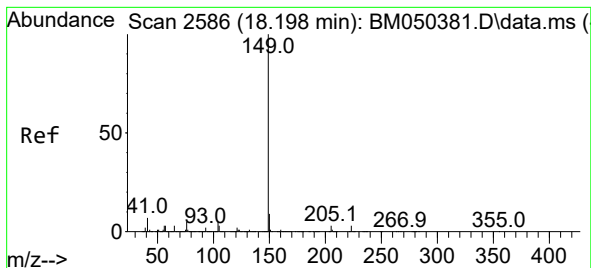
Ion Ratio Lower Upper

167 100

166 51.2 17.2 25.8#

139 0.0 9.9 14.9#





#74

Di-n-butylphthalate

Concen: 0.019 ng

RT: 18.180 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

Instrument :

BNA_M

ClientSampleId :

PB168971BL

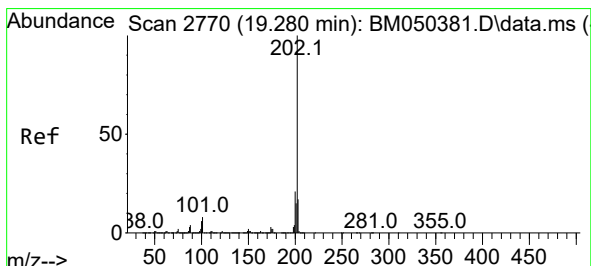
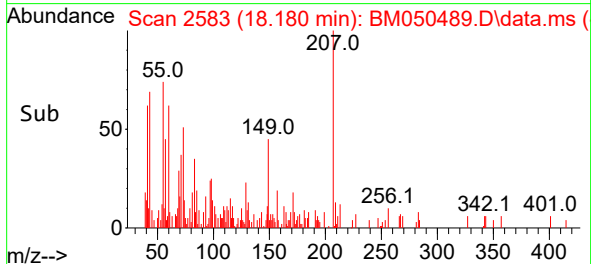
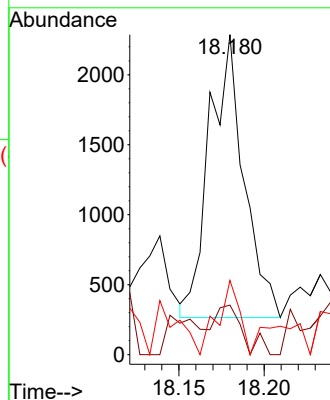
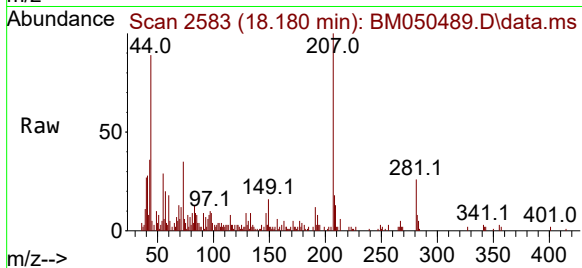
Tgt Ion:149 Resp: 2852

Ion Ratio Lower Upper

149 100

150 15.5 7.3 10.9#

104 23.2 3.9 5.9#



#75

Fluoranthene

Concen: 0.028 ng

RT: 19.262 min Scan# 2767

Delta R.T. 0.006 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

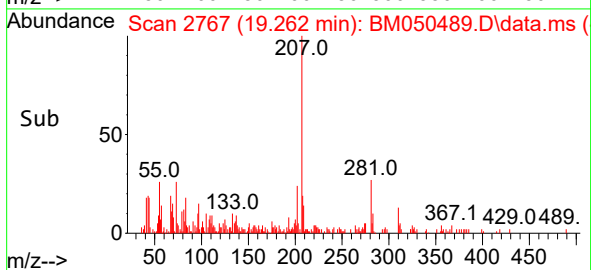
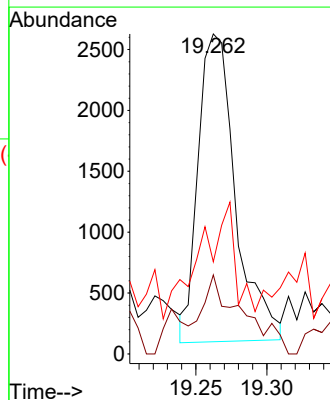
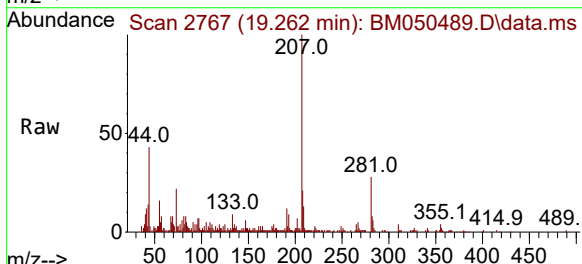
Tgt Ion:202 Resp: 4623

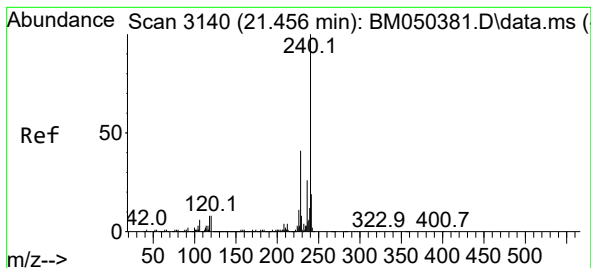
Ion Ratio Lower Upper

202 100

101 24.7 0.0 28.3

203 28.8 0.0 37.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.445 min Scan# 31

Delta R.T. 0.012 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

Instrument :

BNA_M

ClientSampleId :

PB168971BL

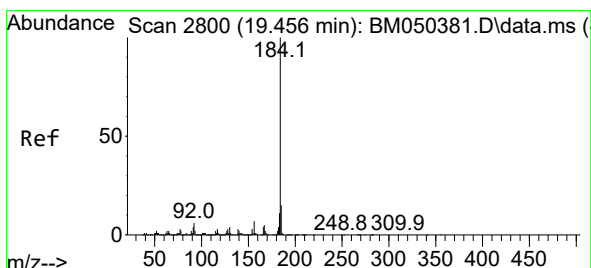
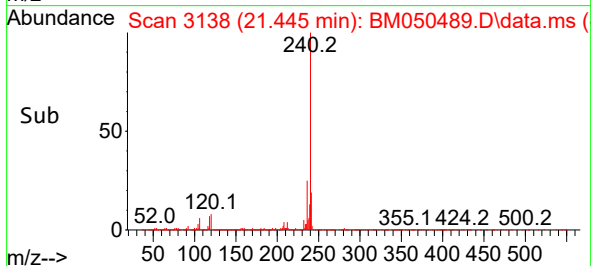
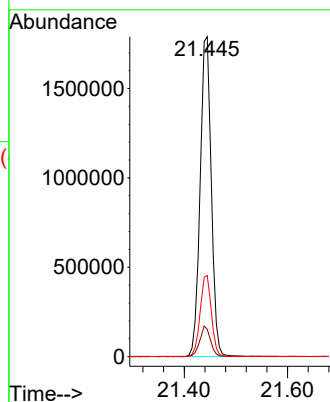
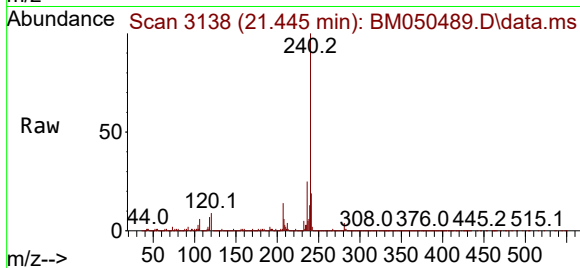
Tgt Ion:240 Resp: 2678633

Ion Ratio Lower Upper

240 100

120 8.5 6.7 10.1

236 25.4 20.7 31.1



#77

Benzidine

Concen: 0.088 ng

RT: 19.451 min Scan# 2799

Delta R.T. 0.012 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

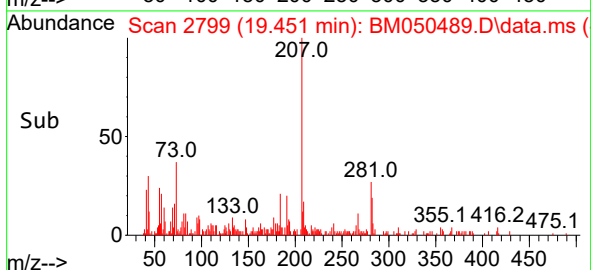
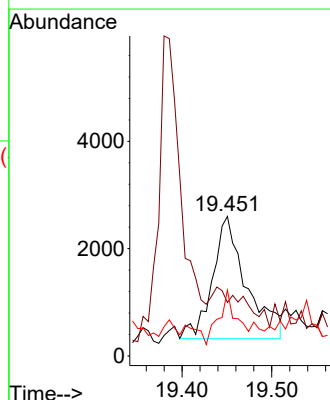
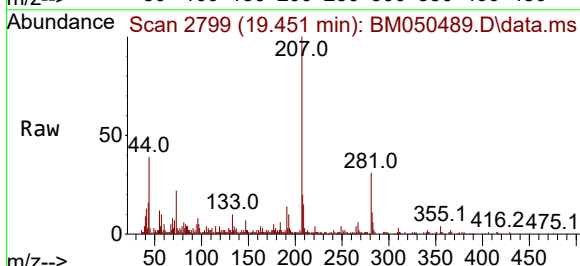
Tgt Ion:184 Resp: 6015

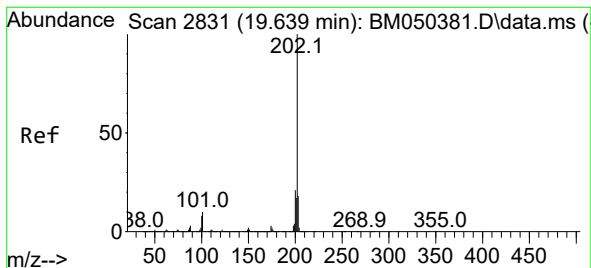
Ion Ratio Lower Upper

184 100

185 38.2 11.7 17.5#

183 47.1 9.0 13.6#





#78

Pyrene

Concen: 0.028 ng

RT: 19.627 min Scan# 2

Delta R.T. 0.012 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

Instrument :

BNA_M

ClientSampleId :

PB168971BL

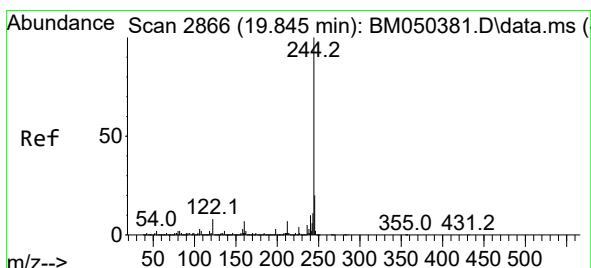
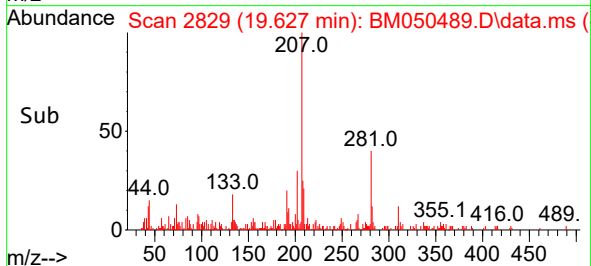
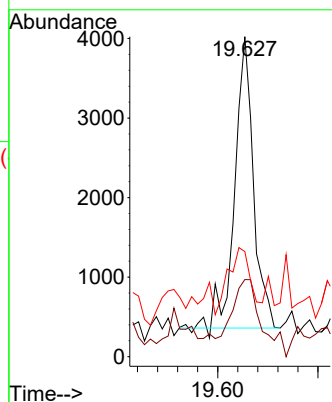
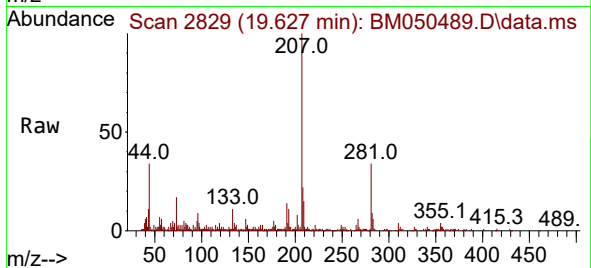
Tgt Ion:202 Resp: 4739

Ion Ratio Lower Upper

202 100

200 24.1 16.9 25.3

203 32.9 14.1 21.1#



#79

Terphenyl-d14

Concen: 77.832 ng

RT: 19.827 min Scan# 2863

Delta R.T. 0.006 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

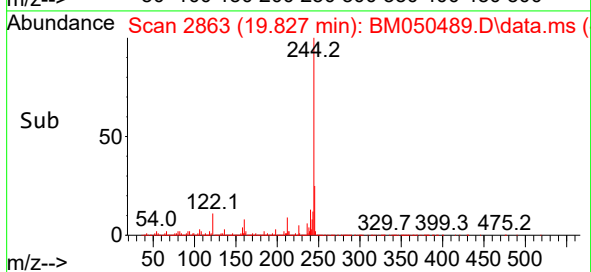
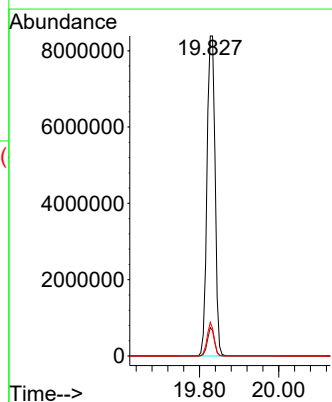
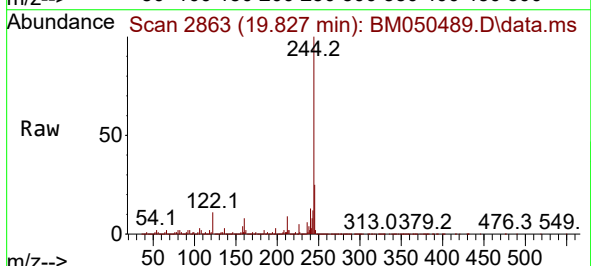
Tgt Ion:244 Resp:11849226

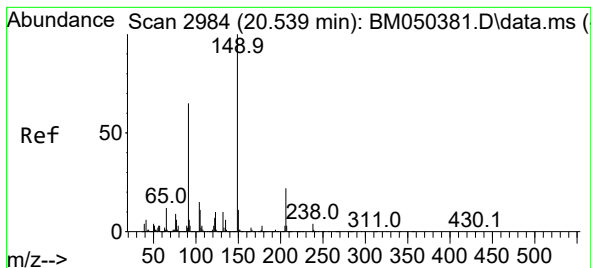
Ion Ratio Lower Upper

244 100

212 8.8 5.7 8.5#

122 10.5 6.2 9.2#





#80

Butylbenzylphthalate

Concen: 0.020 ng

RT: 20.527 min Scan# 2982

Delta R.T. 0.012 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

Instrument :

BNA_M

ClientSampleId :

PB168971BL

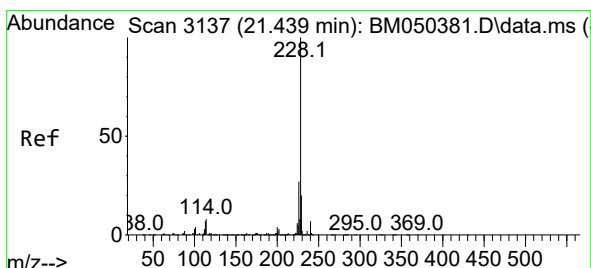
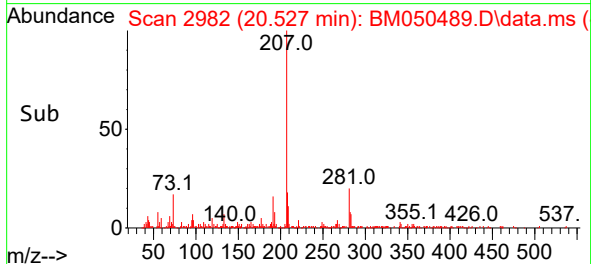
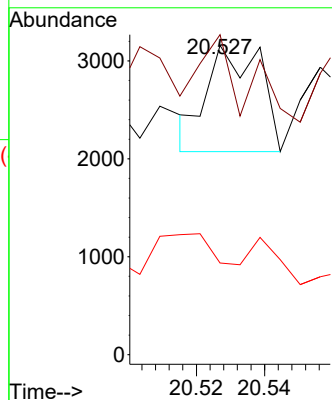
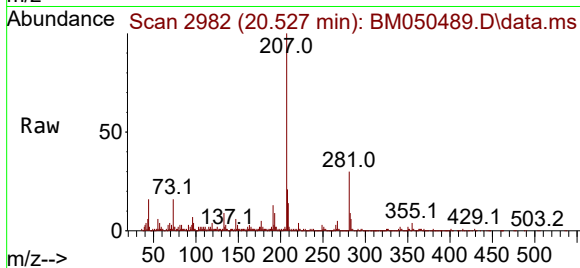
Tgt Ion:149 Resp: 1153

Ion Ratio Lower Upper

149 100

91 103.5 51.6 77.4#

206 29.7 17.8 26.8#



#81

Benzo(a)anthracene

Concen: 0.071 ng

RT: 21.439 min Scan# 3137

Delta R.T. 0.024 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

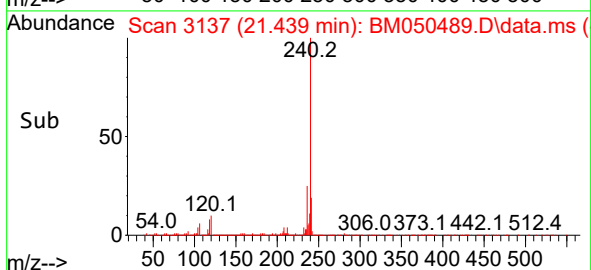
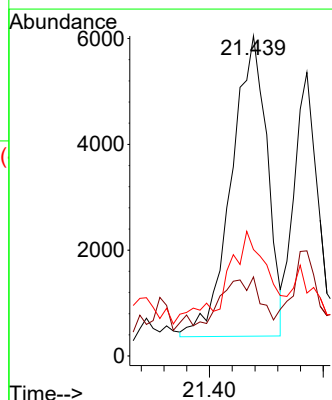
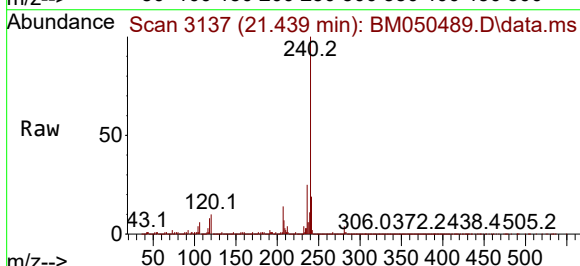
Tgt Ion:228 Resp: 12418

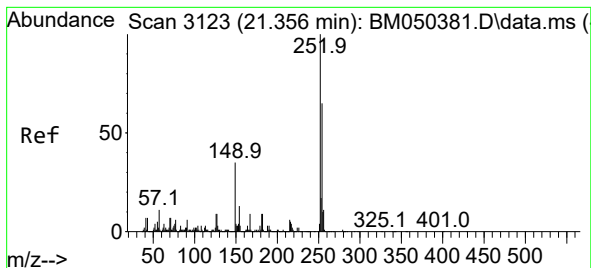
Ion Ratio Lower Upper

228 100

226 24.7 21.8 32.8

229 33.2 16.0 24.0#





#82

3,3'-Dichlorobenzidine

Concen: 0.051 ng

RT: 21.350 min Scan# 3123

Delta R.T. 0.018 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

Instrument :

BNA_M

ClientSampleId :

PB168971BL

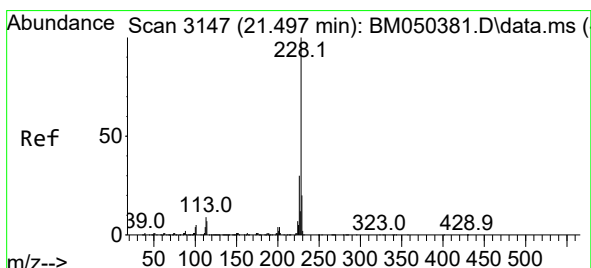
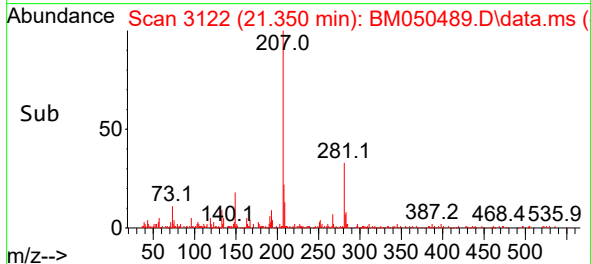
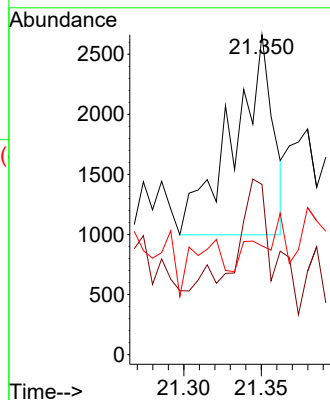
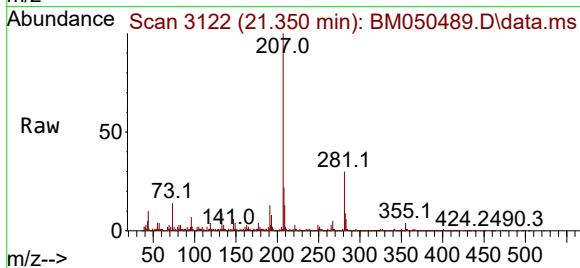
Tgt Ion:252 Resp: 2991

Ion Ratio Lower Upper

252 100

254 53.2 51.7 77.5

126 34.0 7.3 10.9#



#83

Chrysene

Concen: 0.044 ng

RT: 21.486 min Scan# 3145

Delta R.T. 0.006 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

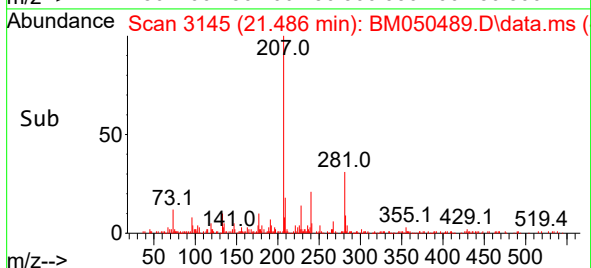
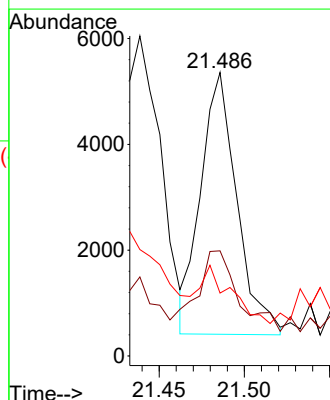
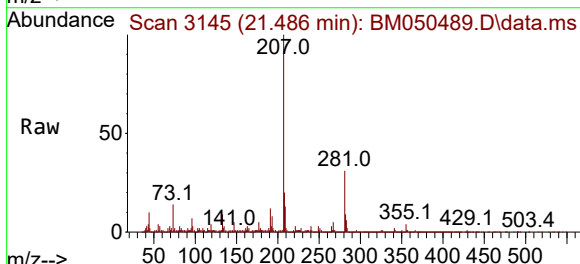
Tgt Ion:228 Resp: 7314

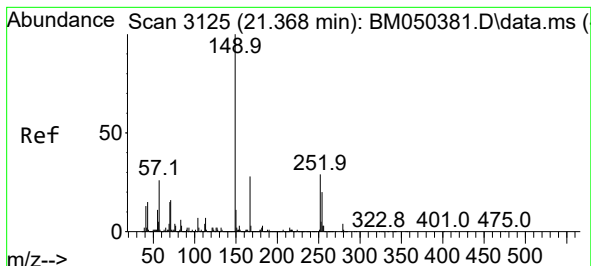
Ion Ratio Lower Upper

228 100

226 37.1 24.2 36.4#

229 22.2 15.8 23.6

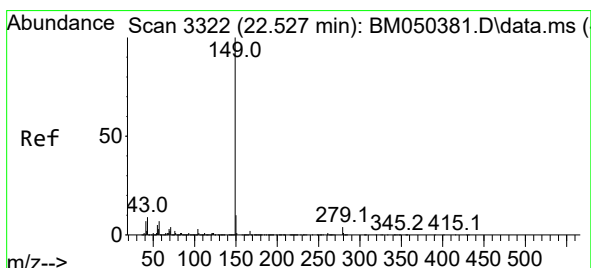
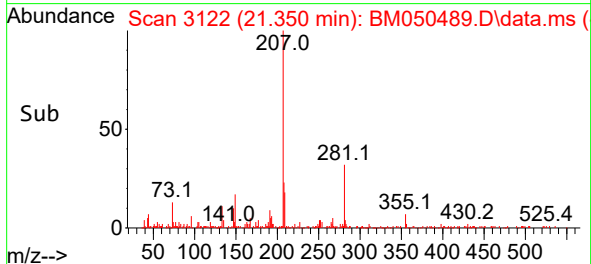
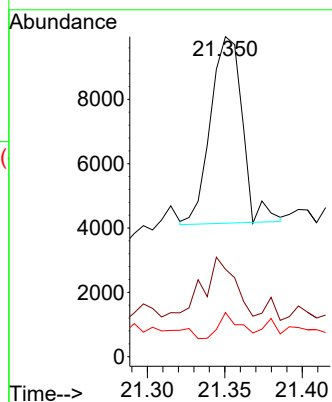
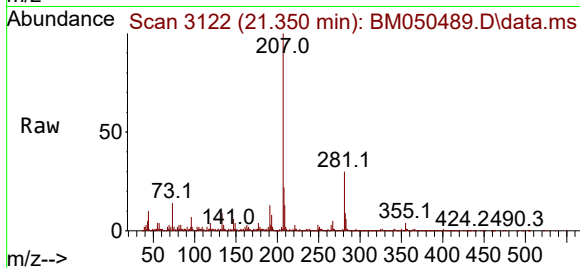




#84
Bis(2-ethylhexyl)phthalate
Concen: 0.092 ng
RT: 21.350 min Scan# 3125
Delta R.T. 0.012 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

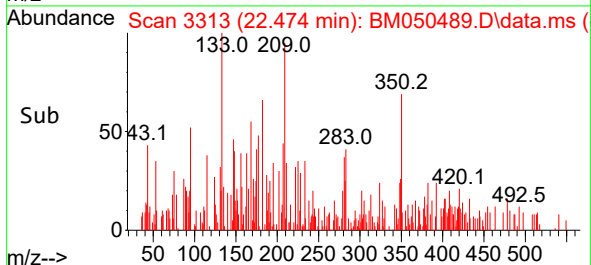
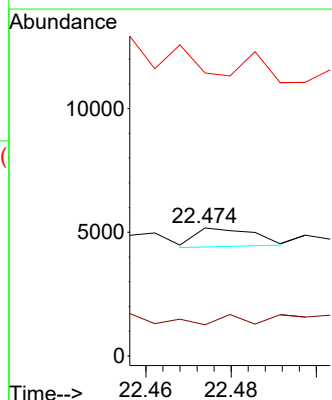
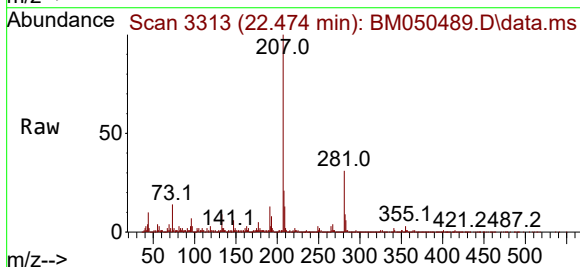
Instrument :
BNA_M
ClientSampleId :
PB168971BL

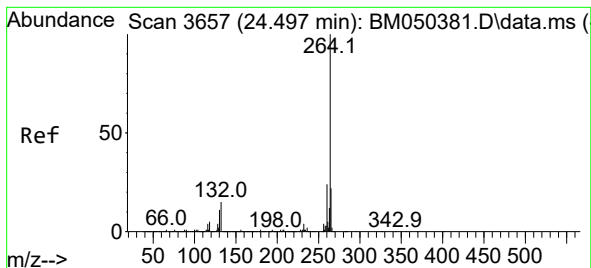
Tgt Ion:149 Resp: 8296
Ion Ratio Lower Upper
149 100
167 27.3 22.7 34.1
279 13.8 3.5 5.3#



#85
Di-n-octyl phthalate
Concen: 0.005 ng
RT: 22.474 min Scan# 3313
Delta R.T. -0.012 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

Tgt Ion:149 Resp: 723
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 7.7 11.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.474 min Scan# 3

Delta R.T. 0.018 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

Instrument :

BNA_M

ClientSampleId :

PB168971BL

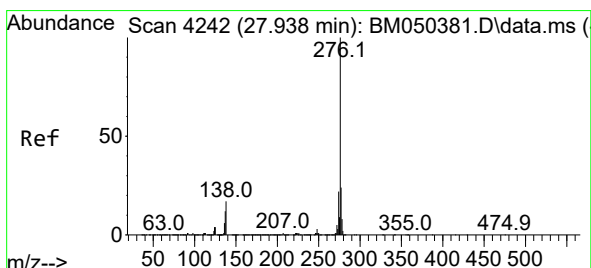
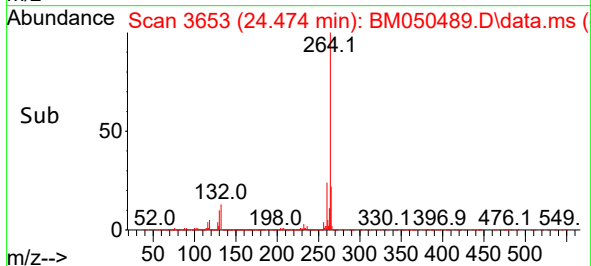
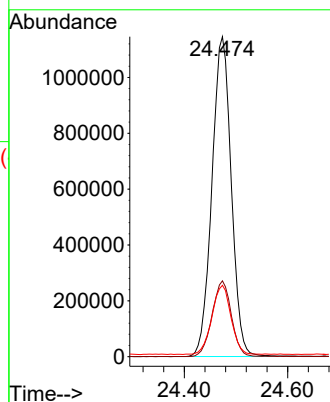
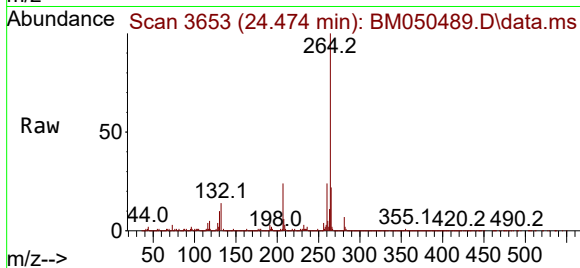
Tgt Ion:264 Resp: 2972018

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.3 17.8 26.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 0.003 ng

RT: 27.879 min Scan# 4232

Delta R.T. 0.000 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

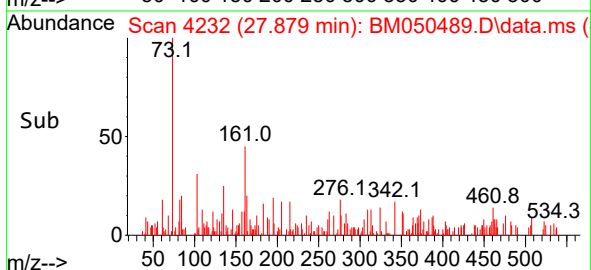
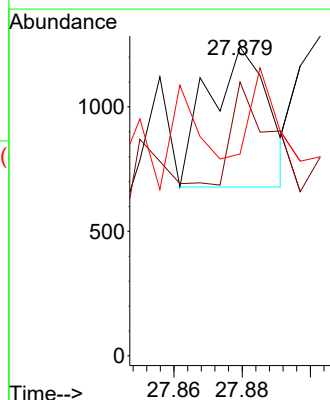
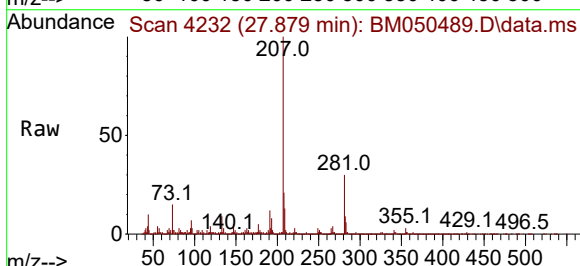
Tgt Ion:276 Resp: 689

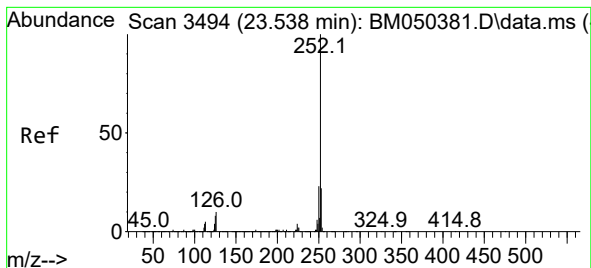
Ion Ratio Lower Upper

276 100

138 84.8 17.0 25.6#

277 30.6 20.0 30.0#





#88

Benzo(b)fluoranthene

Concen: 0.036 ng

RT: 23.509 min Scan# 34

Delta R.T. 0.006 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

Instrument :

BNA_M

ClientSampleId :

PB168971BL

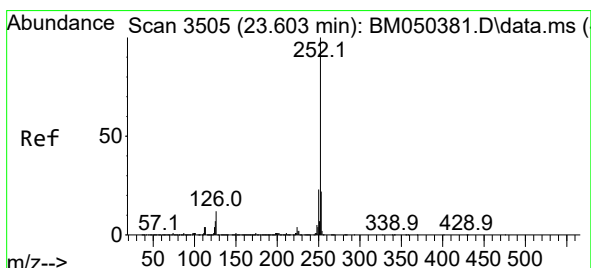
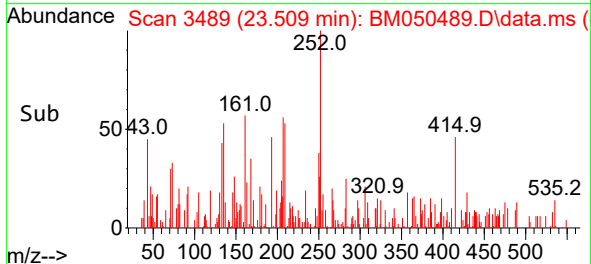
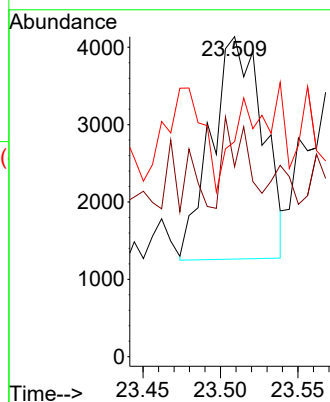
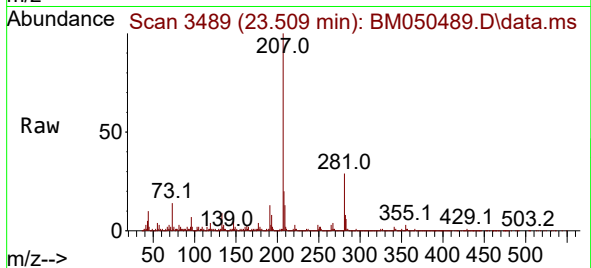
Tgt Ion:252 Resp: 6592

Ion Ratio Lower Upper

252 100

253 59.3 17.8 26.6#

125 67.2 6.3 9.5#



#89

Benzo(k)fluoranthene

Concen: 0.041 ng

RT: 23.586 min Scan# 3502

Delta R.T. 0.018 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

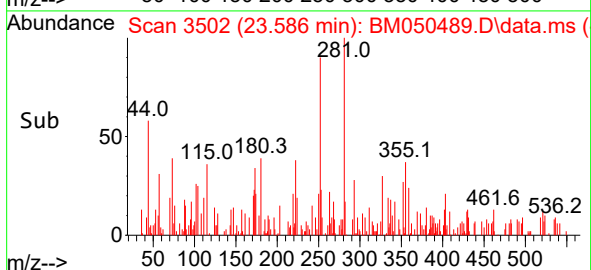
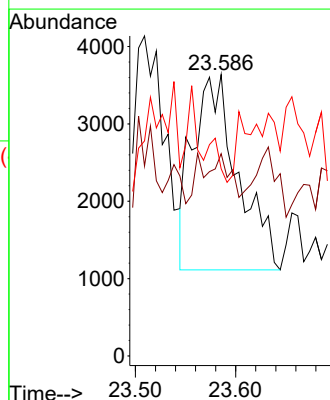
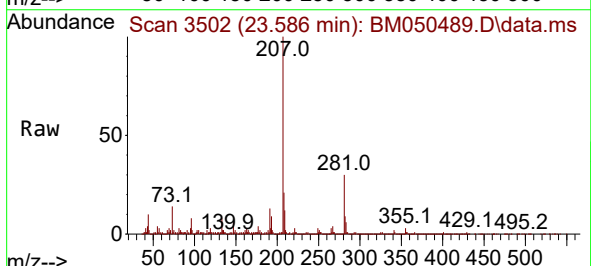
Tgt Ion:252 Resp: 7825

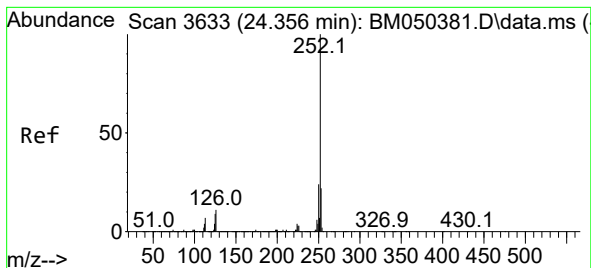
Ion Ratio Lower Upper

252 100

253 71.9 17.6 26.4#

125 66.5 6.2 9.2#





#90

Benzo(a)pyrene

Concen: 0.019 ng

RT: 24.327 min Scan# 3

Delta R.T. 0.012 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

Instrument :

BNA_M

ClientSampleId :

PB168971BL

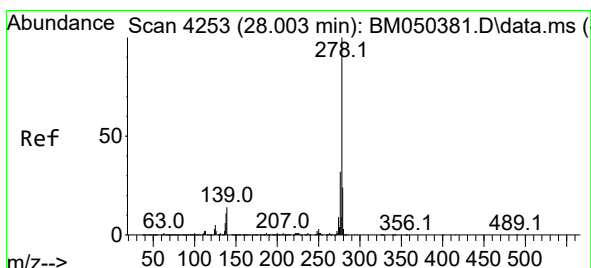
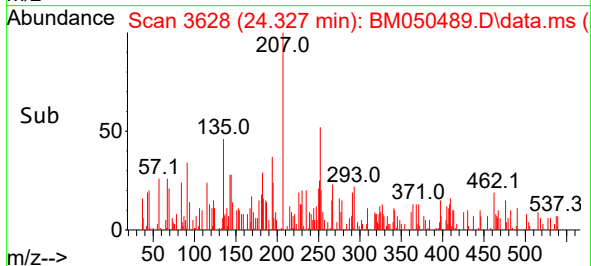
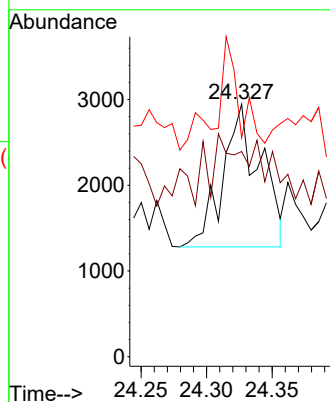
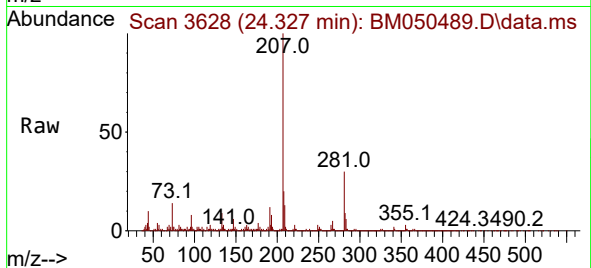
Tgt Ion:252 Resp: 3320

Ion Ratio Lower Upper

252 100

253 81.2 17.8 26.6#

125 86.7 7.0 10.4#



#91

Dibenzo(a,h)anthracene

Concen: 0.007 ng

RT: 27.950 min Scan# 4244

Delta R.T. 0.006 min

Lab File: BM050489.D

Acq: 23 Jul 2025 14:14

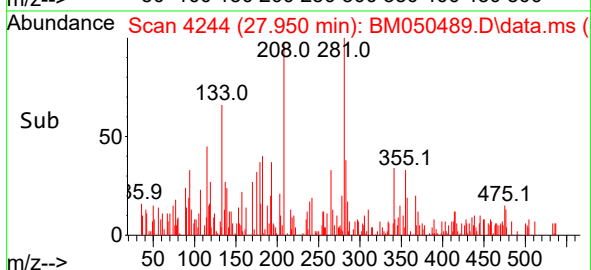
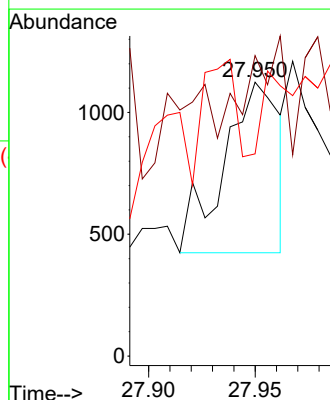
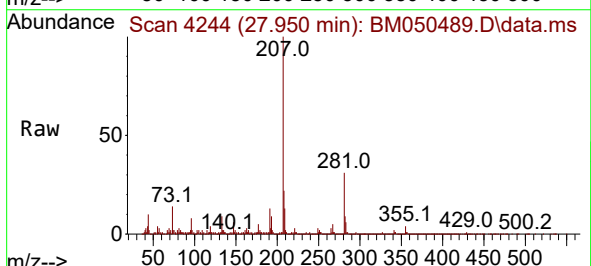
Tgt Ion:278 Resp: 1263

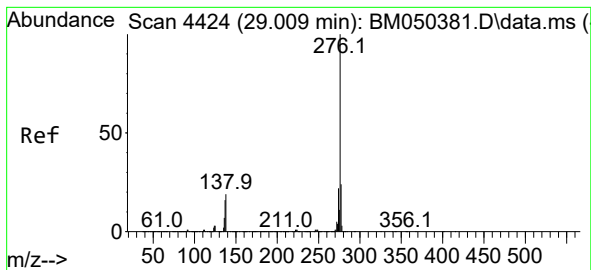
Ion Ratio Lower Upper

278 100

139 109.7 10.8 16.2#

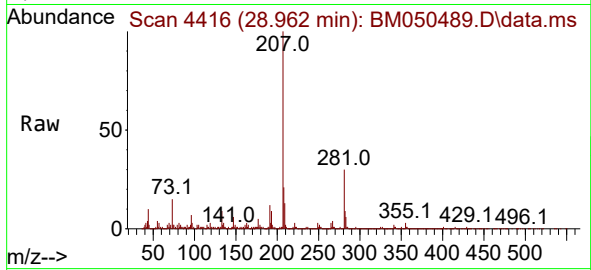
279 73.8 19.4 29.0#





#92
Benzo(g,h,i)perylene
Concen: 0.007 ng
RT: 28.962 min Scan# 44
Delta R.T. 0.018 min
Lab File: BM050489.D
Acq: 23 Jul 2025 14:14

Instrument :
BNA_M
ClientSampleId :
PB168971BL



Tgt Ion	Ratio	Lower	Upper
276	100		
277	44.6	19.1	28.7#
138	58.3	14.9	22.3#

