

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
 Data File : BM050449.D
 Acq On : 15 Jul 2025 10:50
 Operator : RC/JU
 Sample : PB168845BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB168845BS

Quant Time: Jul 15 11:21:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	519871	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	1924110	20.000	ng	-0.01
39) Acenaphthene-d10	14.486	164	1201064	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	2288993	20.000	ng	-0.01
76) Chrysene-d12	21.439	240	2517966	20.000	ng	-0.02
86) Perylene-d12	24.468	264	2659539	20.000	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3935585	130.309	ng	0.00
7) Phenol-d6	7.022	99	4896573	128.611	ng	0.00
23) Nitrobenzene-d5	9.010	82	2925064	77.559	ng	-0.01
42) 2,4,6-Tribromophenol	15.968	330	2175692	149.091	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	7596668	78.109	ng	-0.01
79) Terphenyl-d14	19.827	244	11484944	80.252	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.334	88	447107	36.002	ng 99
3) Pyridine	3.734	79	1268711	38.912	ng 98
4) n-Nitrosodimethylamine	3.634	42	631419	41.541	ng 98
6) Aniline	7.181	93	1535788	31.432	ng 99
8) 2-Chlorophenol	7.428	128	1486998	46.693	ng 97
9) Benzaldehyde	6.993	77	894959	39.516	ng 99
10) Phenol	7.051	94	1827741	46.027	ng 98
11) bis(2-Chloroethyl)ether	7.281	93	1359519	42.750	ng 99
12) 1,3-Dichlorobenzene	7.751	146	1652741	42.680	ng 98
13) 1,4-Dichlorobenzene	7.892	146	1681552	42.527	ng 99
14) 1,2-Dichlorobenzene	8.210	146	1619823	42.790	ng 99
15) Benzyl Alcohol	8.092	79	1188610	44.308	ng 98
16) 2,2'-oxybis(1-Chloropr...	8.387	45	1945209	41.526	ng 99
17) 2-Methylphenol	8.298	107	1163370	45.170	ng 98
18) Hexachloroethane	8.945	117	590114	42.435	ng 96
19) n-Nitroso-di-n-propyla...	8.669	70	1005653	43.602	ng 96
20) 3+4-Methylphenols	8.622	107	1551833	44.883	ng 99
22) Acetophenone	8.681	105	2077632	43.187	ng # 97
24) Nitrobenzene	9.057	77	1489939	44.272	ng 97
25) Isophorone	9.586	82	2666404	43.570	ng 99
26) 2-Nitrophenol	9.763	139	712891	51.974	ng 96
27) 2,4-Dimethylphenol	9.828	122	1344519	46.066	ng 97
28) bis(2-Chloroethoxy)met...	10.063	93	1772191	43.702	ng 100
29) 2,4-Dichlorophenol	10.298	162	1433985	47.823	ng 98
30) 1,2,4-Trichlorobenzene	10.516	180	1599191	44.582	ng 99
31) Naphthalene	10.704	128	4253199	43.519	ng 100
32) Benzoic acid	9.951	122	867267	48.359	ng 98
33) 4-Chloroaniline	10.804	127	811458	19.640	ng 98
34) Hexachlorobutadiene	10.998	225	965588	44.104	ng 100
35) Caprolactam	11.586	113	374144	45.708	ng 92
36) 4-Chloro-3-methylphenol	11.927	107	1292667	46.165	ng 98
37) 2-Methylnaphthalene	12.310	142	2776070	44.987	ng 98
38) 1-Methylnaphthalene	12.533	142	2893477	44.307	ng 100
40) 1,2,4,5-Tetrachloroben...	12.680	216	1813427	47.478	ng 99
41) Hexachlorocyclopentadiene	12.669	237	2488427	101.923	ng 99
43) 2,4,6-Trichlorophenol	12.916	196	1149877	48.909	ng 97

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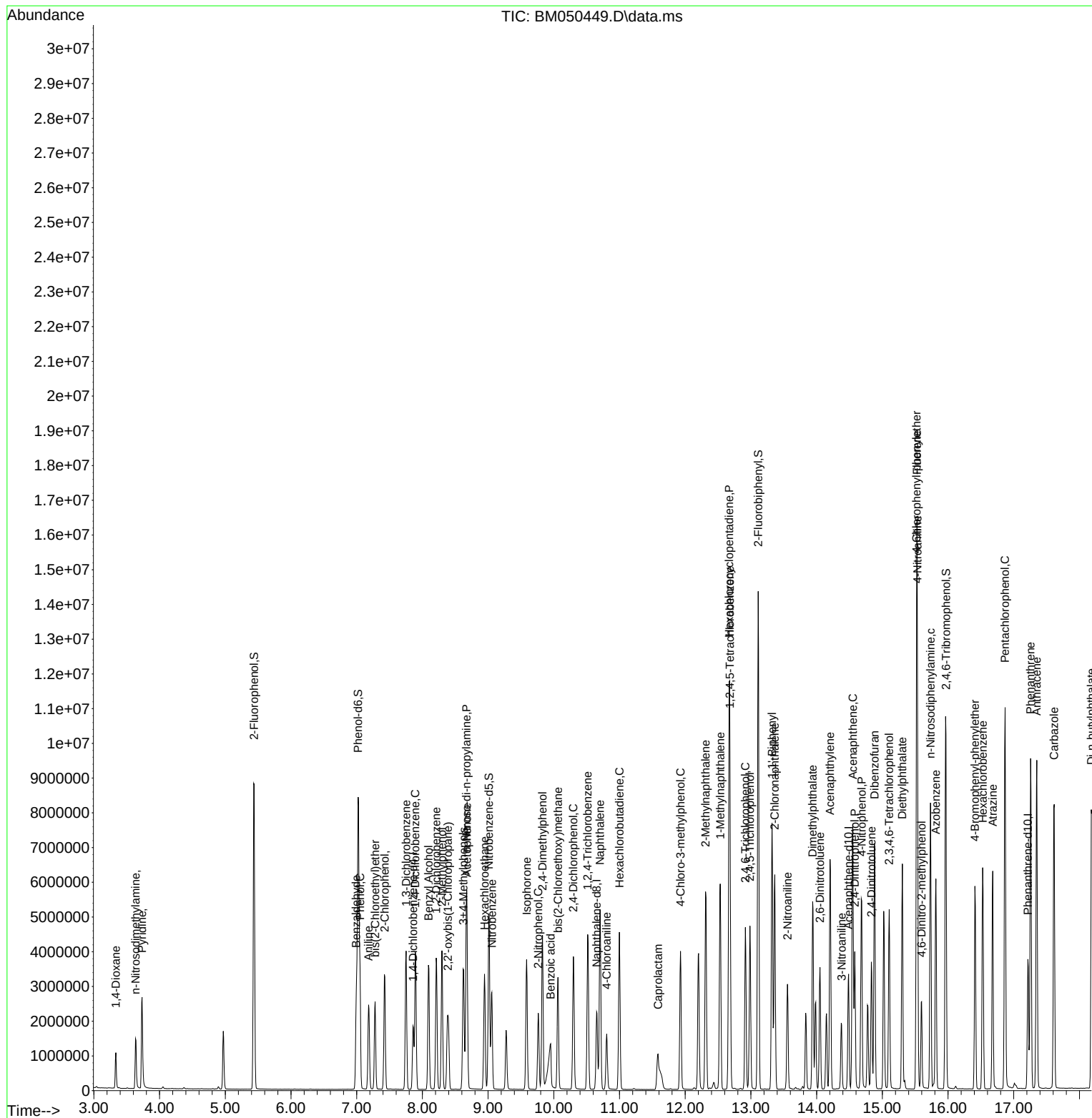
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.986	196	1261847	49.144	ng	98
46) 1,1'-Biphenyl	13.322	154	4030985	45.236	ng	99
47) 2-Chloronaphthalene	13.363	162	3173492	44.666	ng	99
48) 2-Nitroaniline	13.557	65	777873	49.050	ng	96
49) Acenaphthylene	14.204	152	4897097	45.607	ng	99
50) Dimethylphthalate	13.939	163	3704512	44.800	ng	100
51) 2,6-Dinitrotoluene	14.051	165	780349	49.150	ng	97
52) Acenaphthene	14.551	154	3344874	48.998	ng	99
53) 3-Nitroaniline	14.380	138	491285	29.096	ng	97
54) 2,4-Dinitrophenol	14.580	184	830481	93.609	ng	86
55) Dibenzofuran	14.880	168	4627351	43.993	ng	100
56) 4-Nitrophenol	14.686	139	1477021	101.721	ng	89
57) 2,4-Dinitrotoluene	14.833	165	1098831	46.332	ng	98
58) Fluorene	15.527	166	3880558	44.791	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	1075655	49.766	ng	97
60) Diethylphthalate	15.304	149	3562643	45.103	ng	100
61) 4-Chlorophenyl-phenyle...	15.521	204	2055772	45.380	ng	98
62) 4-Nitroaniline	15.533	138	816764	42.395	ng	98
63) Azobenzene	15.815	77	3202185	44.149	ng	99
65) 4,6-Dinitro-2-methylph...	15.598	198	572349	46.698	ng	90
66) n-Nitrosodiphenylamine	15.733	169	3256403	45.464	ng	100
67) 4-Bromophenyl-phenylether	16.410	248	1189767	47.177	ng	99
68) Hexachlorobenzene	16.527	284	1410842	47.366	ng	96
69) Atrazine	16.680	200	1144720	48.671	ng	99
70) Pentachlorophenol	16.868	266	2032081	109.592	ng	100
71) Phenanthrene	17.257	178	5821338	44.944	ng	100
72) Anthracene	17.351	178	5930269	45.996	ng	100
73) Carbazole	17.615	167	5431099	46.556	ng	99
74) Di-n-butylphthalate	18.180	149	5925871	46.409	ng	99
75) Fluoranthene	19.262	202	6761057	48.016	ng	99
77) Benzidine	19.445	184	3074845	47.877	ng	99
78) Pyrene	19.627	202	7238761	44.888	ng	100
80) Butylbenzylphthalate	20.521	149	2703626	50.845	ng	97
81) Benzo(a)anthracene	21.421	228	7722828	47.072	ng	100
82) 3,3'-Dichlorobenzidine	21.339	252	1722732	31.137	ng	100
83) Chrysene	21.486	228	7206519	46.570	ng	100
84) Bis(2-ethylhexyl)phtha...	21.350	149	4152743	49.196	ng	97
85) Di-n-octyl phthalate	22.491	149	7006614	52.997	ng	98
87) Indeno(1,2,3-cd)pyrene	27.891	276	9235265	48.840	ng	99
88) Benzo(b)fluoranthene	23.509	252	7798254	47.670	ng	99
89) Benzo(k)fluoranthene	23.574	252	7687934	45.291	ng	100
90) Benzo(a)pyrene	24.327	252	7350144	47.998	ng	99
91) Dibenzo(a,h)anthracene	27.956	278	7682077	48.240	ng	99
92) Benzo(g,h,i)perylene	28.962	276	7347259	48.817	ng	99

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

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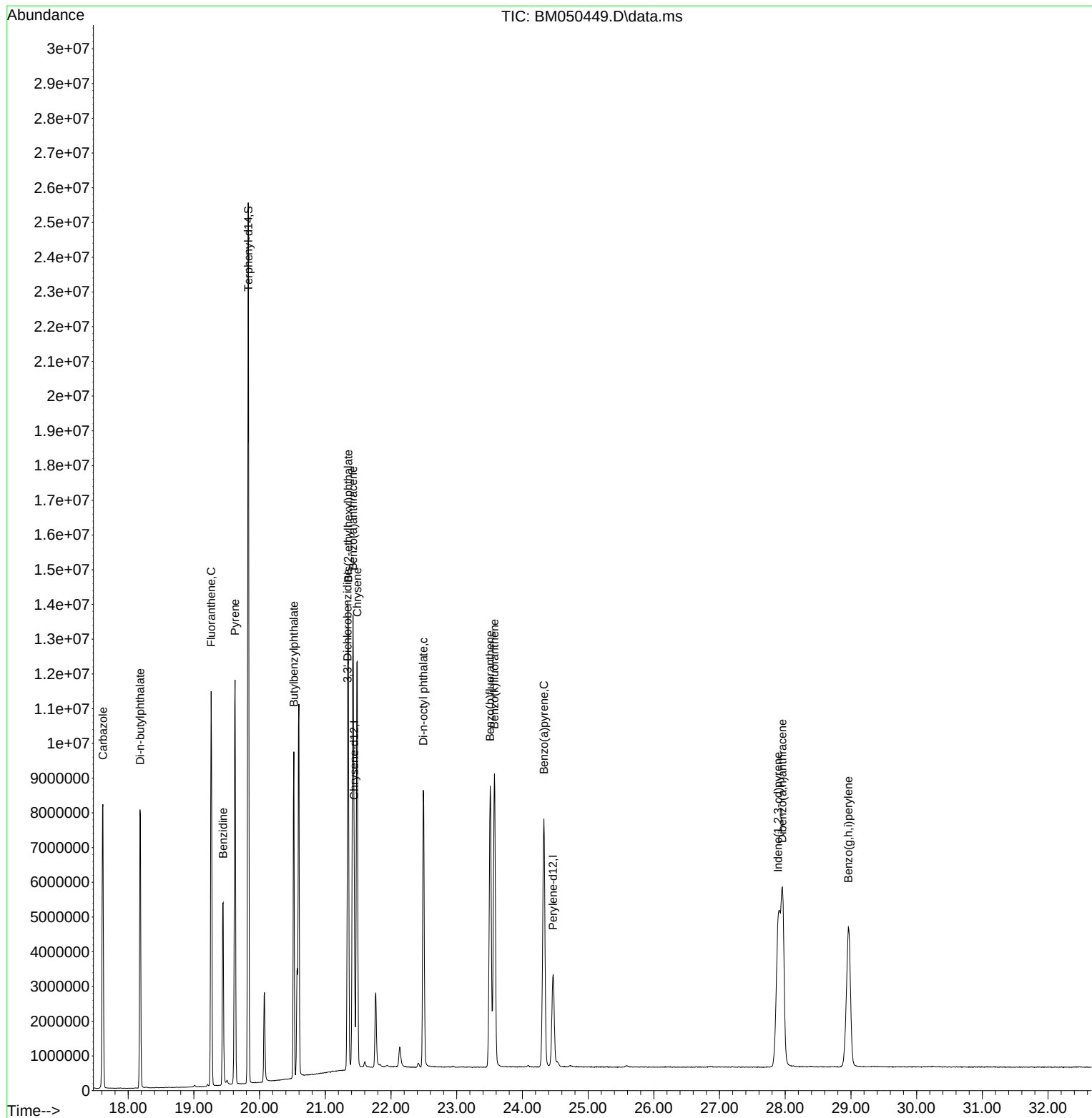
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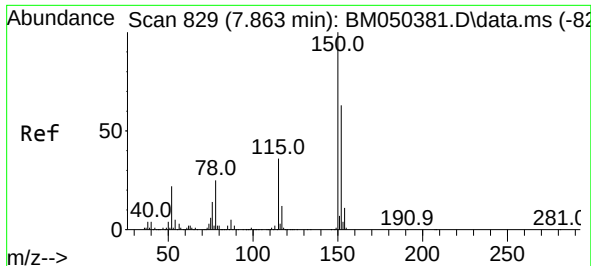


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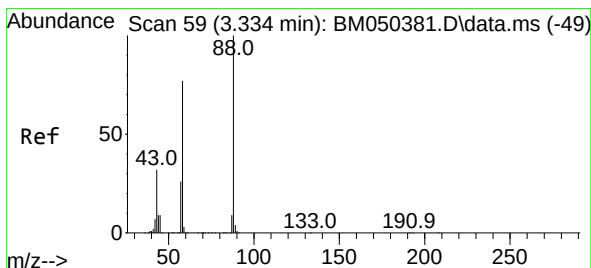
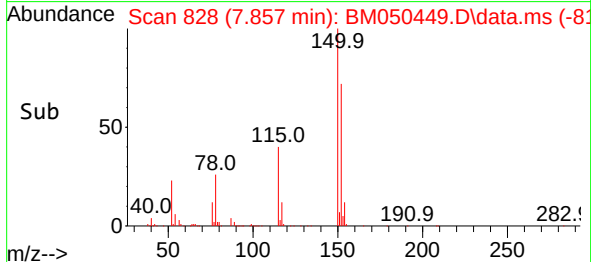
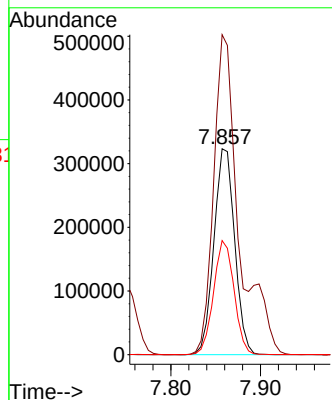
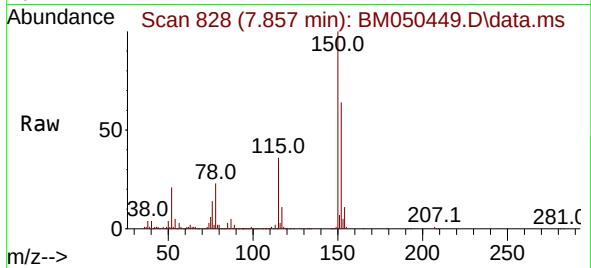




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.857 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM050449.D
 Acq: 15 Jul 2025 10:50

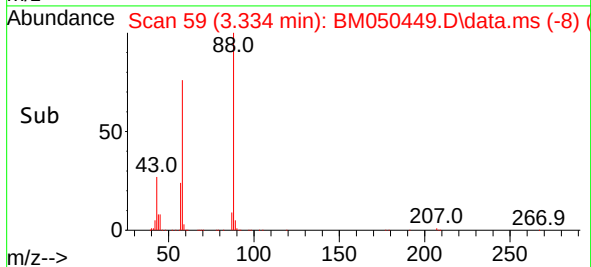
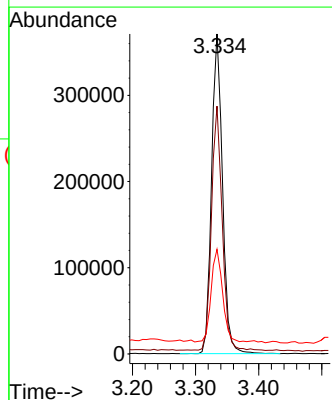
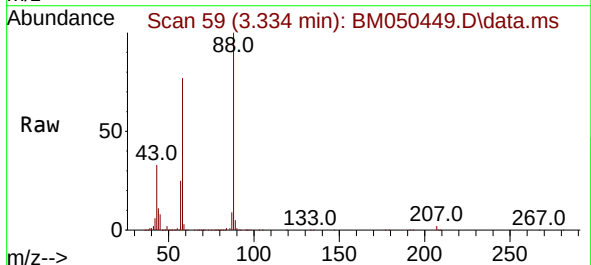
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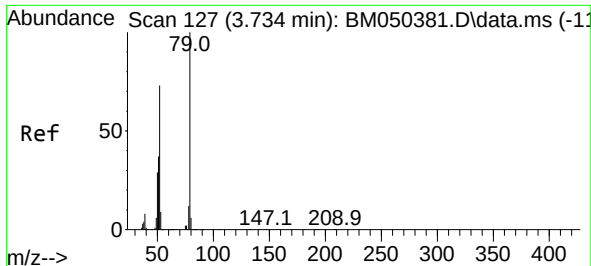
Tgt Ion:152 Resp: 519871
 Ion Ratio Lower Upper
 152 100
 150 155.3 126.2 189.4
 115 55.4 45.8 68.8



#2
 1,4-Dioxane
 Concen: 36.002 ng
 RT: 3.334 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: BM050449.D
 Acq: 15 Jul 2025 10:50

Tgt Ion: 88 Resp: 447107
 Ion Ratio Lower Upper
 88 100
 58 75.4 61.0 91.6
 43 30.1 24.6 37.0



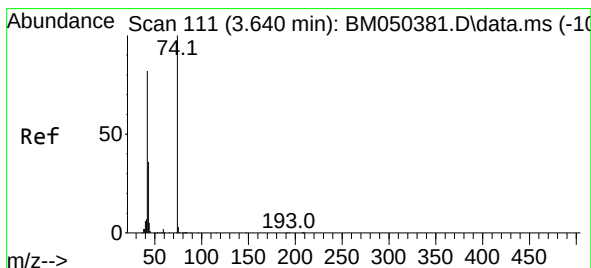
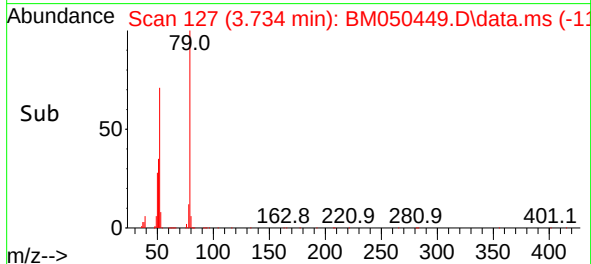
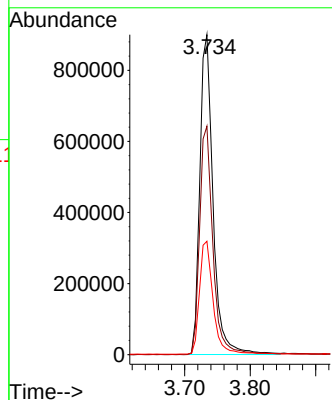
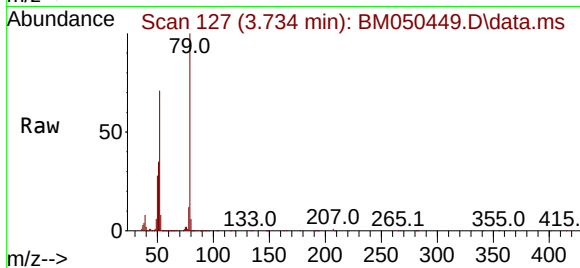


#3
 Pyridine
 Concen: 38.912 ng
 RT: 3.734 min Scan# 110
 Delta R.T. 0.000 min
 Lab File: BM050449.D
 Acq: 15 Jul 2025 10:50

Instrument :
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 ClientSampleId :
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Tgt Ion: 79 Resp: 1268711

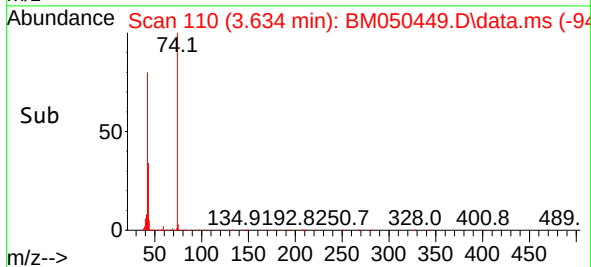
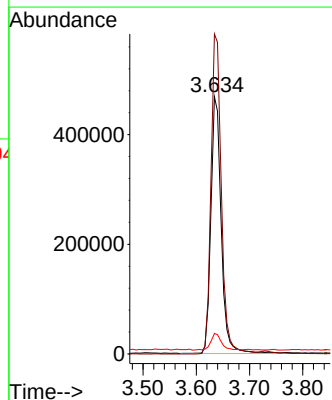
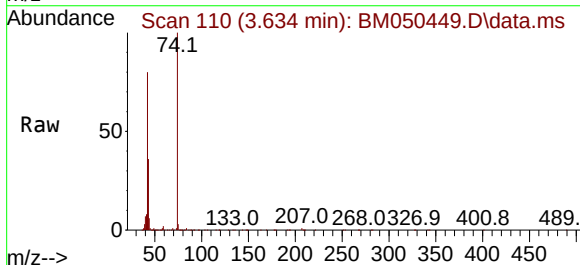
Ion	Ratio	Lower	Upper
79	100		
52	71.4	58.3	87.5
51	35.5	29.6	44.4

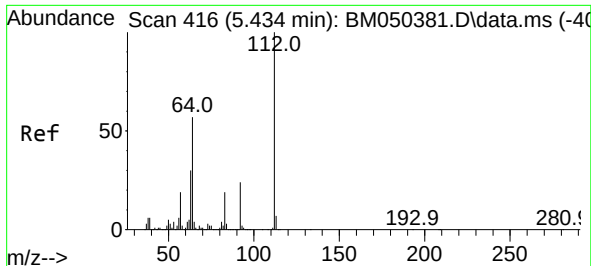


#4
 n-Nitrosodimethylamine
 Concen: 41.541 ng
 RT: 3.634 min Scan# 110
 Delta R.T. -0.006 min
 Lab File: BM050449.D
 Acq: 15 Jul 2025 10:50

Tgt Ion: 42 Resp: 631419

Ion	Ratio	Lower	Upper
42	100		
74	124.5	97.5	146.3
44	7.9	5.7	8.5

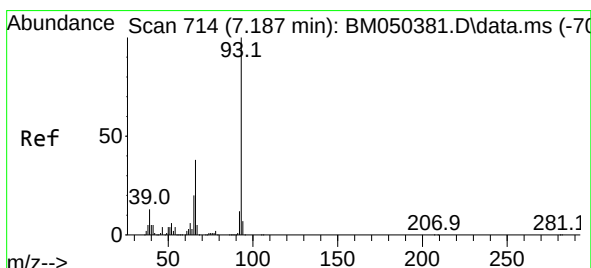
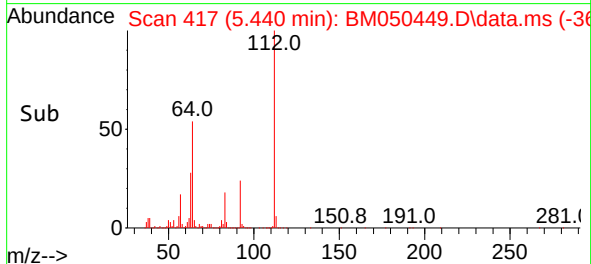
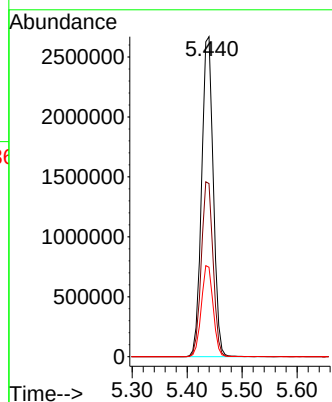
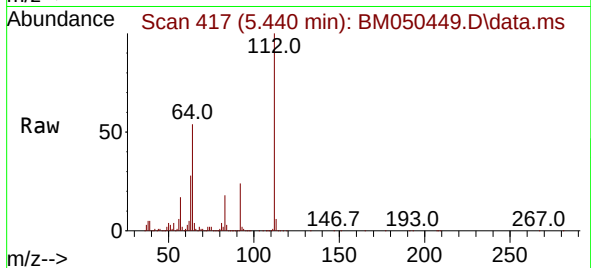




#5
2-Fluorophenol
Concen: 130.309 ng
RT: 5.440 min Scan# 416
Delta R.T. 0.006 min
Lab File: BM050449.D
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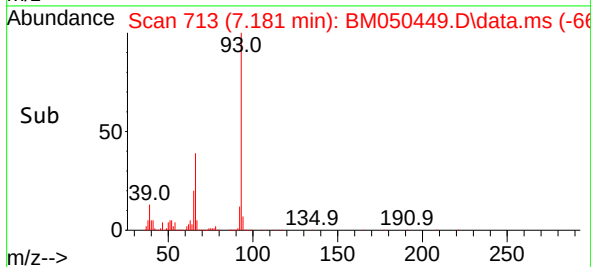
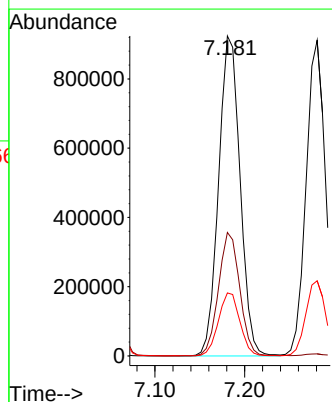
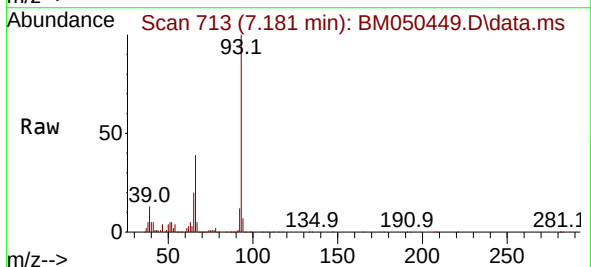
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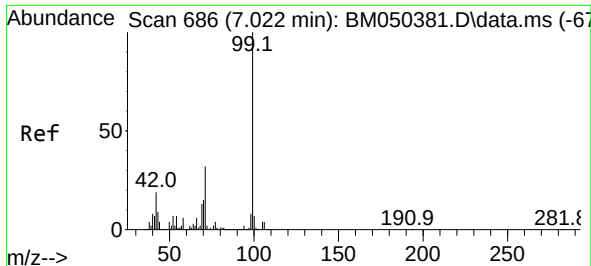
Tgt Ion:112 Resp: 3935585
Ion Ratio Lower Upper
112 100
64 54.1 45.5 68.3
63 27.9 24.2 36.4



#6
Aniline
Concen: 31.432 ng
RT: 7.181 min Scan# 713
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion: 93 Resp: 1535788
Ion Ratio Lower Upper
93 100
66 38.6 30.5 45.7
65 19.7 15.9 23.9



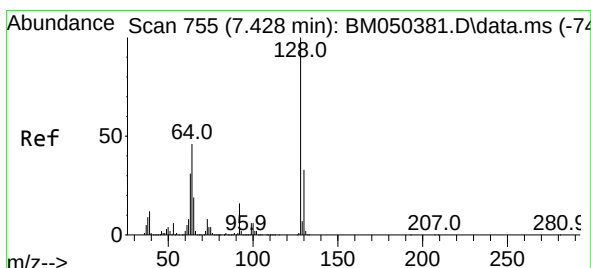
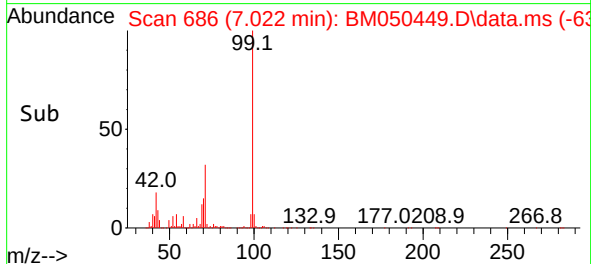
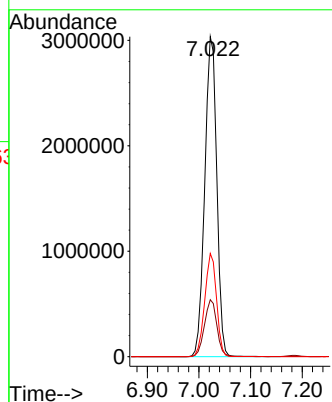
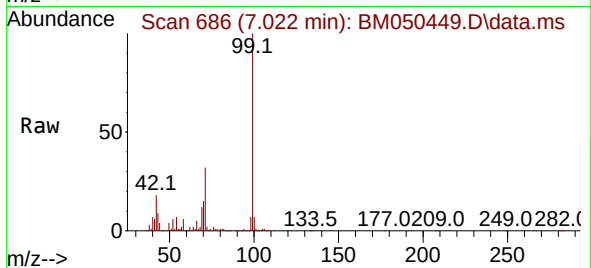


#7
Phenol-d6
Concen: 128.611 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
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ClientSampleId :
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Tgt Ion: 99 Resp: 4896573

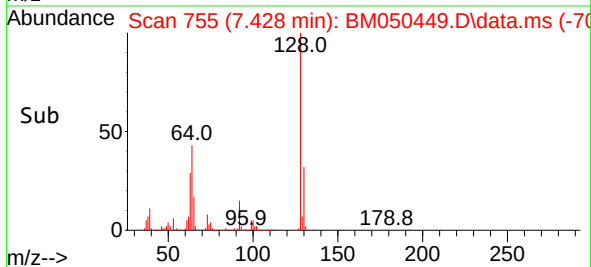
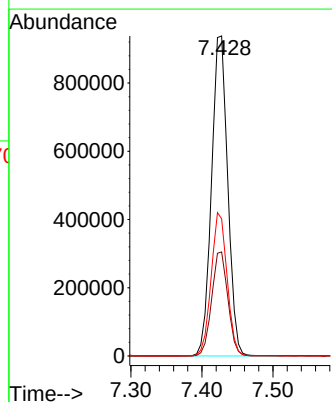
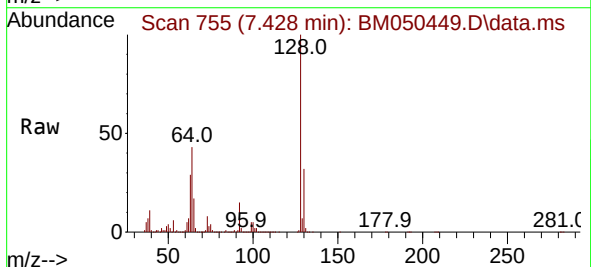
Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.0	22.6
71	32.2	25.9	38.9

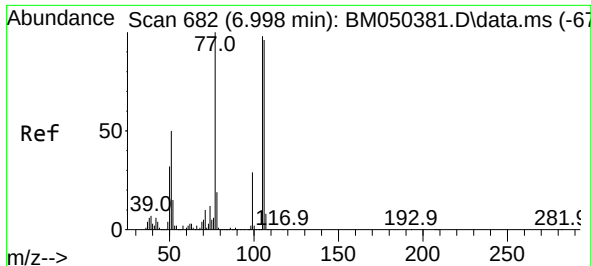


#8
2-Chlorophenol
Concen: 46.693 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion: 128 Resp: 1486998

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.3	53.3
64	42.9	25.6	65.6

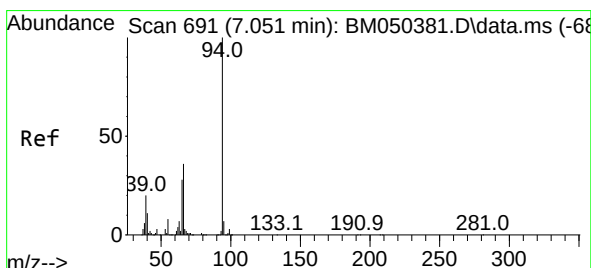
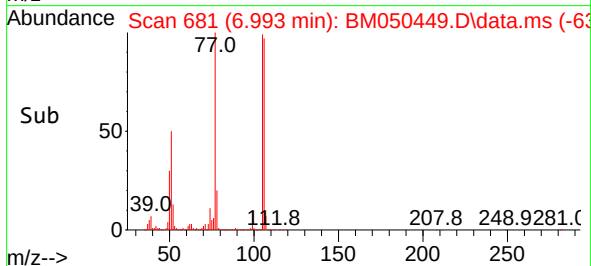
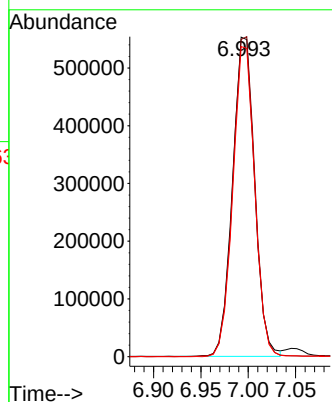
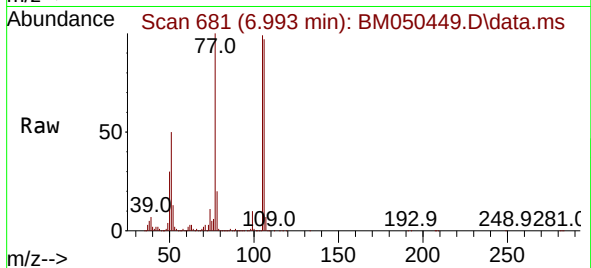




#9
Benzaldehyde
Concen: 39.516 ng
RT: 6.993 min Scan# 682
Delta R.T. -0.005 min
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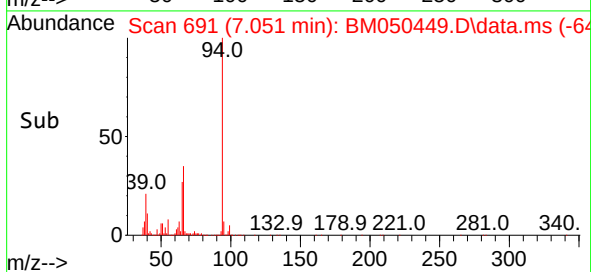
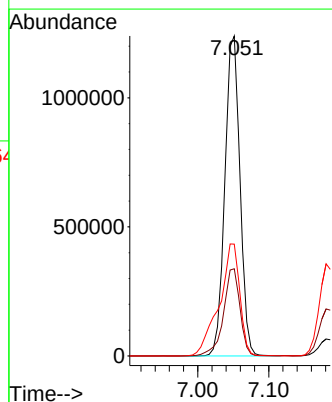
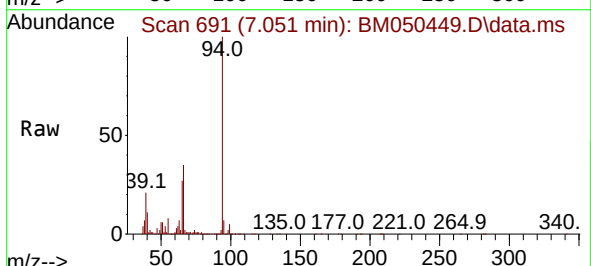
Instrument :
BNA_M
ClientSampleId :
PB168845BS

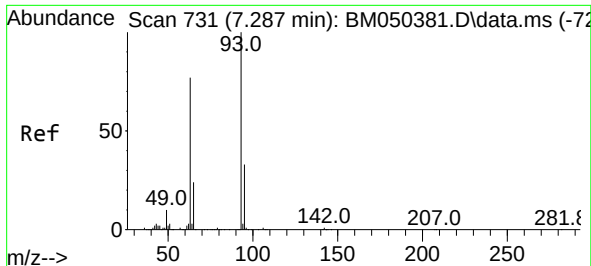
Tgt Ion: 77 Resp: 894959
Ion Ratio Lower Upper
77 100
105 99.3 78.4 118.4
106 97.0 76.3 116.3



#10
Phenol
Concen: 46.027 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion: 94 Resp: 1827741
Ion Ratio Lower Upper
94 100
65 27.2 8.1 48.1
66 34.9 15.8 55.8

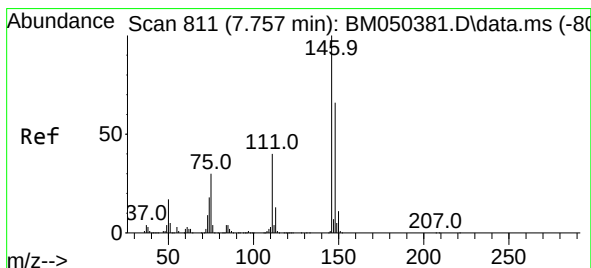
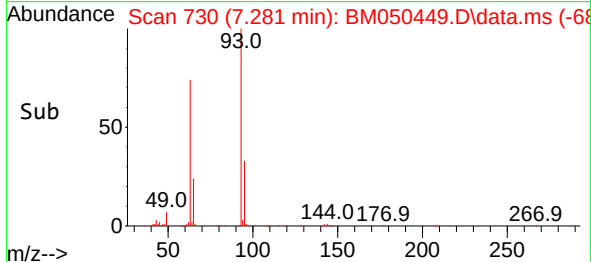
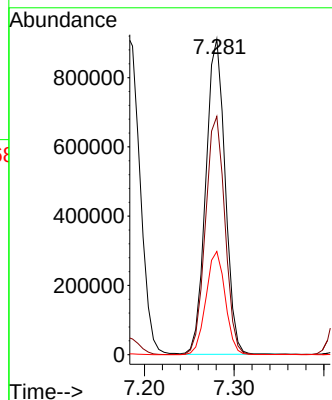
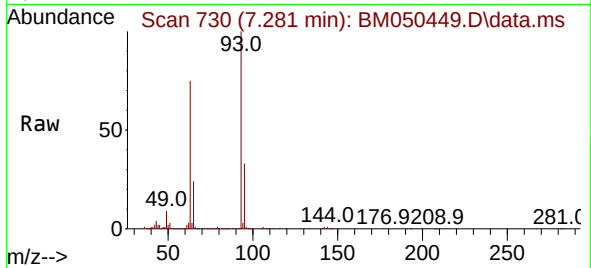




#11
bis(2-Chloroethyl)ether
Concen: 42.750 ng
RT: 7.281 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

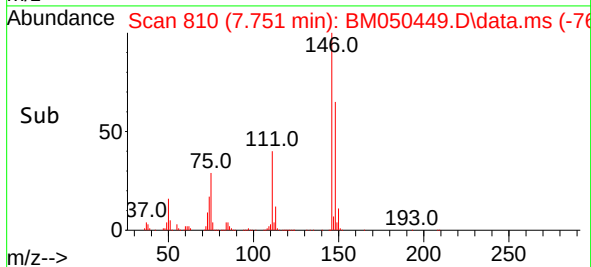
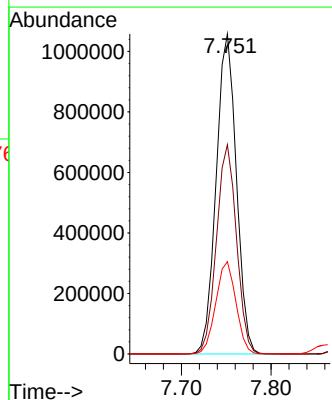
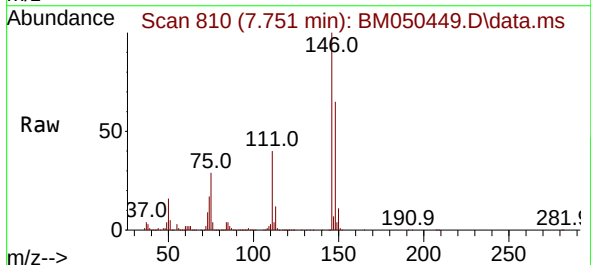
Instrument :
BNA_M
ClientSampleId :
PB168845BS

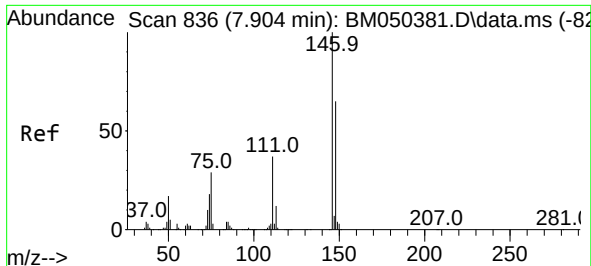
Tgt Ion: 93 Resp: 1359519
Ion Ratio Lower Upper
93 100
63 75.5 56.9 96.9
95 32.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 42.680 ng
RT: 7.751 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:146 Resp: 1652741
Ion Ratio Lower Upper
146 100
148 65.4 53.2 79.8
75 28.8 23.9 35.9

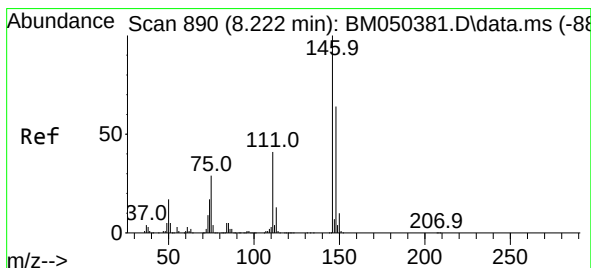
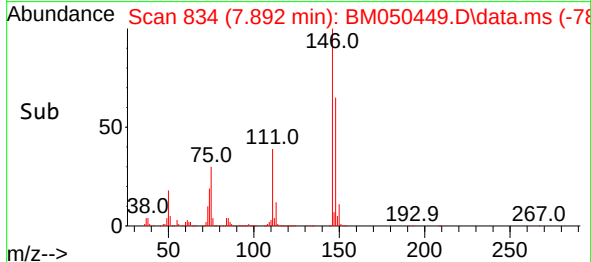
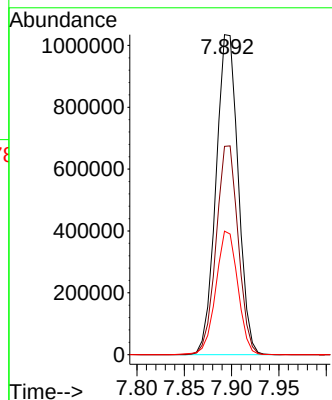
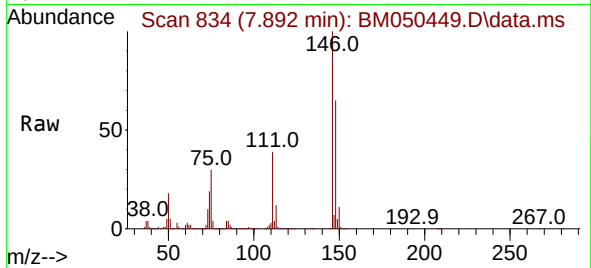




#13
1,4-Dichlorobenzene
Concen: 42.527 ng
RT: 7.892 min Scan# 811
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

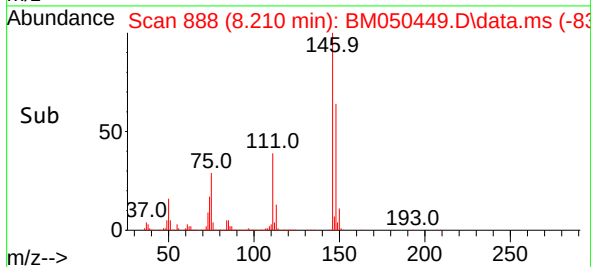
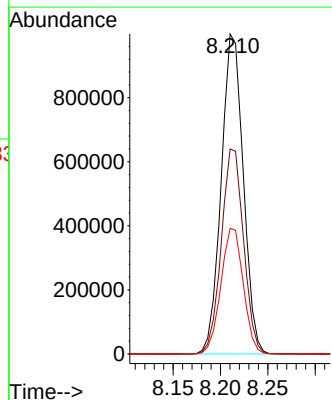
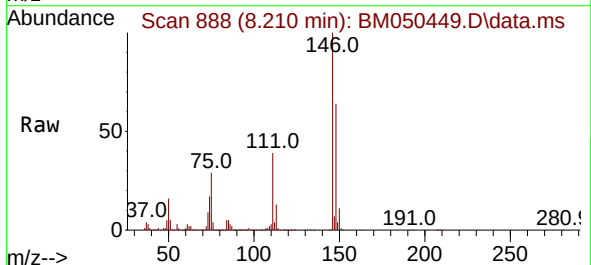
Instrument :
BNA_M
ClientSampleId :
PB168845BS

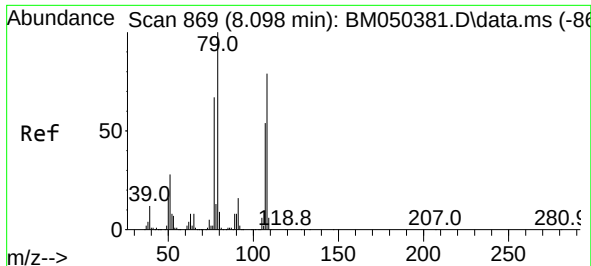
Tgt Ion:146 Resp: 1681552
Ion Ratio Lower Upper
146 100
148 65.1 51.9 77.9
111 38.6 30.0 45.0



#14
1,2-Dichlorobenzene
Concen: 42.790 ng
RT: 8.210 min Scan# 888
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:146 Resp: 1619823
Ion Ratio Lower Upper
146 100
148 64.1 51.5 77.3
111 39.2 32.6 49.0

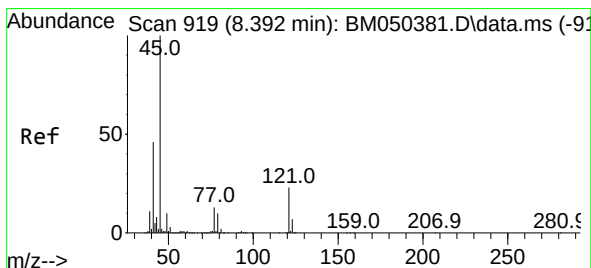
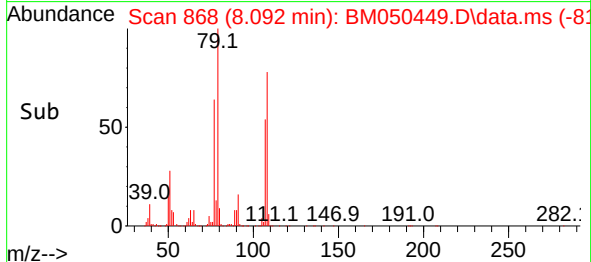
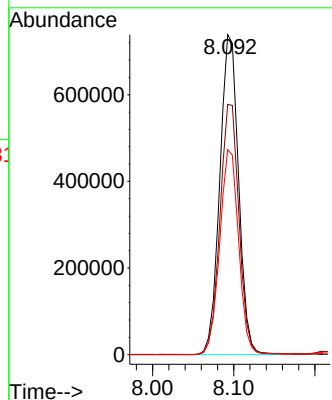
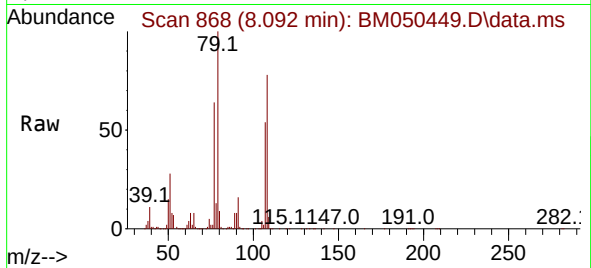




#15
Benzyl Alcohol
Concen: 44.308 ng
RT: 8.092 min Scan# 869
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

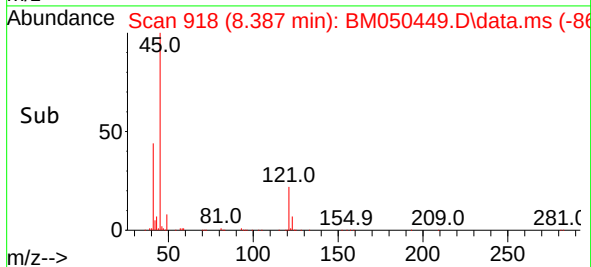
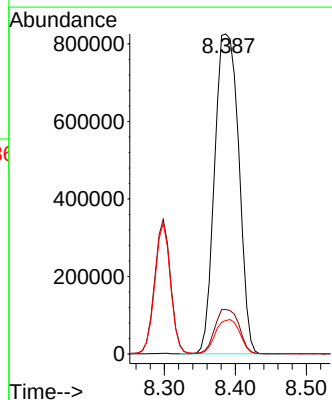
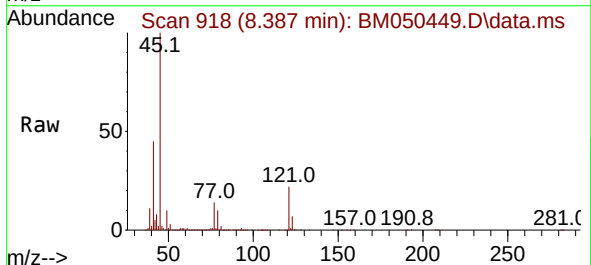
Instrument :
BNA_M
ClientSampleId :
PB168845BS

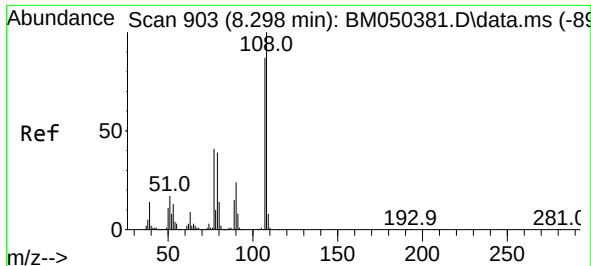
Tgt Ion: 79 Resp: 1188610
Ion Ratio Lower Upper
79 100
108 78.2 63.0 94.4
77 64.1 53.4 80.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.526 ng
RT: 8.387 min Scan# 918
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion: 45 Resp: 1945209
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.5
79 10.5 0.0 30.3

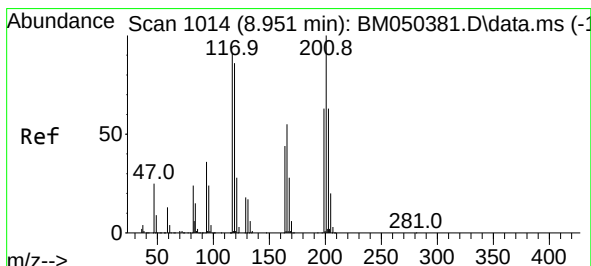
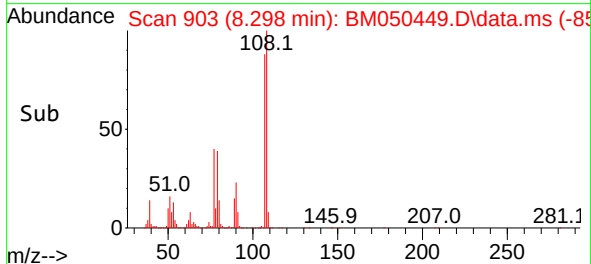
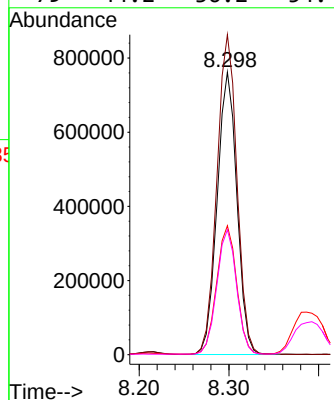
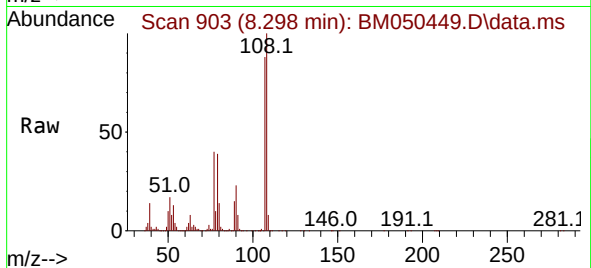




#17
2-Methylphenol
Concen: 45.170 ng
RT: 8.298 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

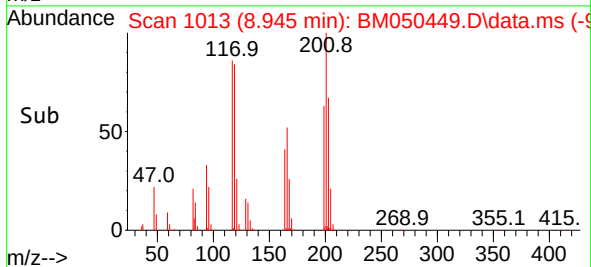
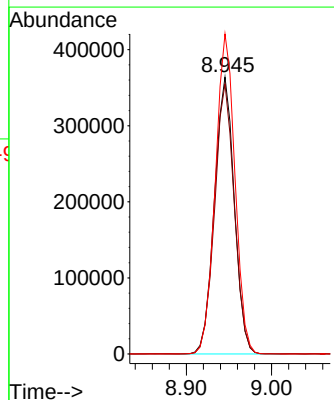
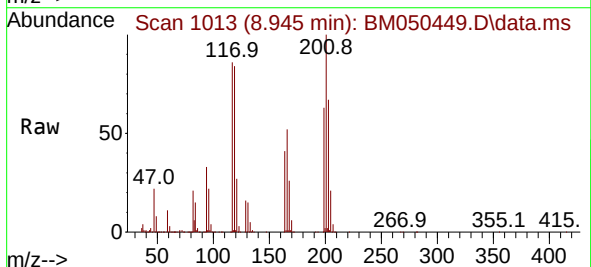
Instrument :
BNA_M
ClientSampleId :
PB168845BS

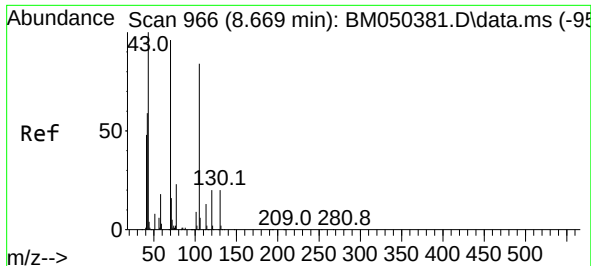
Tgt Ion:107 Resp: 1163370
Ion Ratio Lower Upper
107 100
108 113.2 92.1 138.1
77 45.6 38.2 57.4
79 44.2 36.2 54.4



#18
Hexachloroethane
Concen: 42.435 ng
RT: 8.945 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:117 Resp: 590114
Ion Ratio Lower Upper
117 100
119 97.6 75.6 113.4
201 115.6 87.9 131.9





#19

n-Nitroso-di-n-propylamine

Concen: 43.602 ng

RT: 8.669 min Scan# 90

Delta R.T. 0.000 min

Lab File: BM050449.D

Acq: 15 Jul 2025 10:50

Instrument :

BNA_M

ClientSampleId :

PB168845BS

Tgt Ion: 70 Resp: 1005653

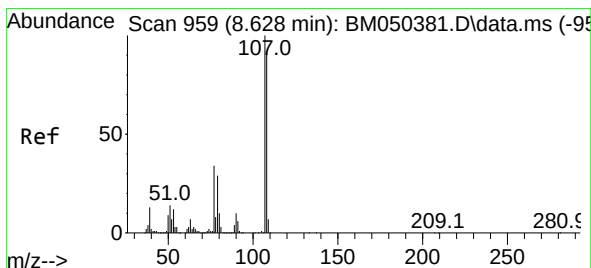
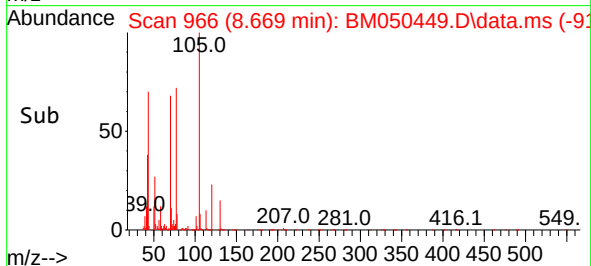
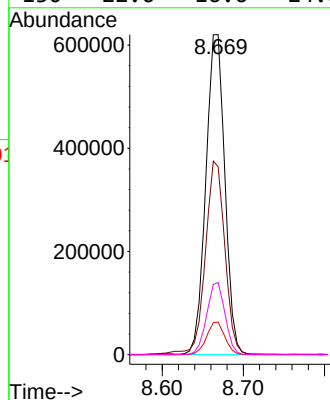
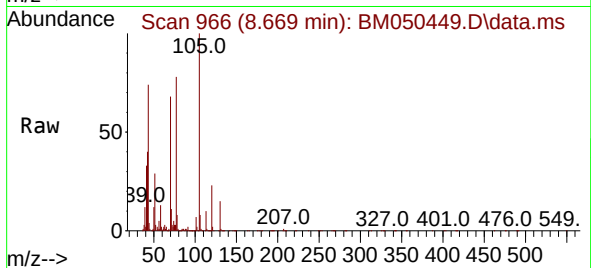
Ion Ratio Lower Upper

70 100

42 58.7 49.7 74.5

101 10.2 7.7 11.5

130 22.6 16.6 24.8



#20

3+4-Methylphenols

Concen: 44.883 ng

RT: 8.622 min Scan# 958

Delta R.T. -0.006 min

Lab File: BM050449.D

Acq: 15 Jul 2025 10:50

Tgt Ion:107 Resp: 1551833

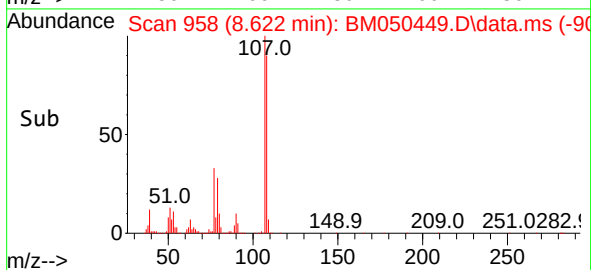
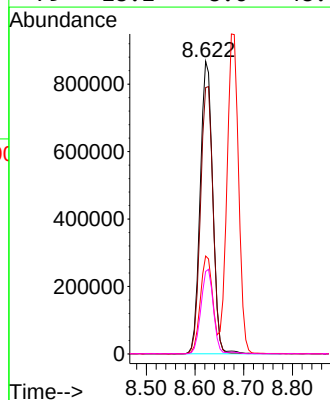
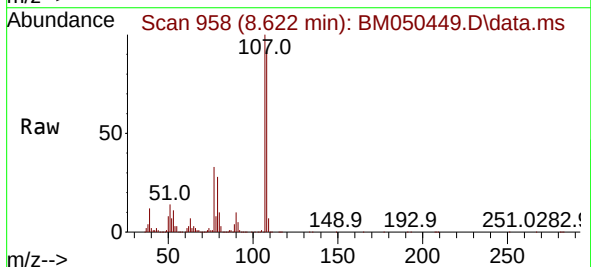
Ion Ratio Lower Upper

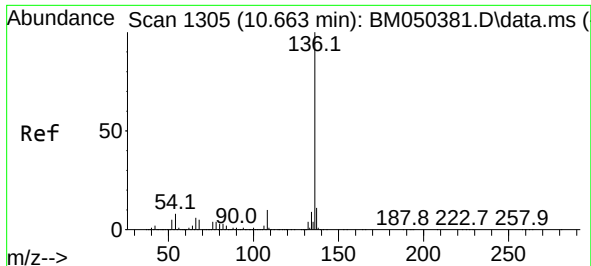
107 100

108 91.0 71.5 111.5

77 33.4 13.7 53.7

79 28.2 8.6 48.6

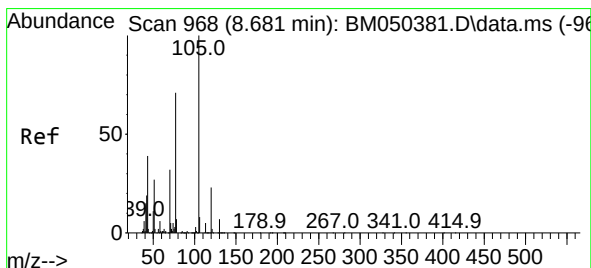
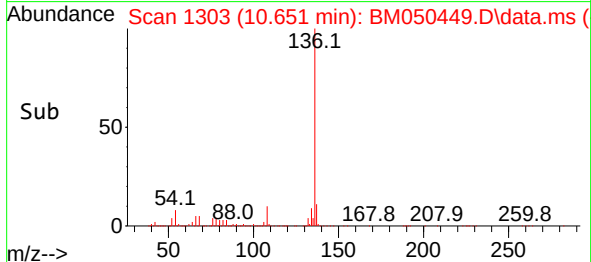
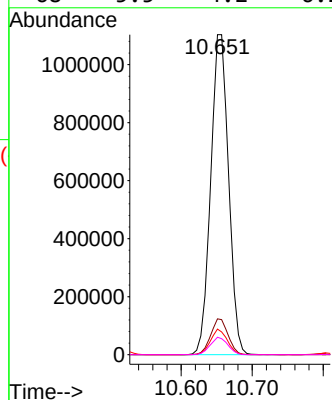
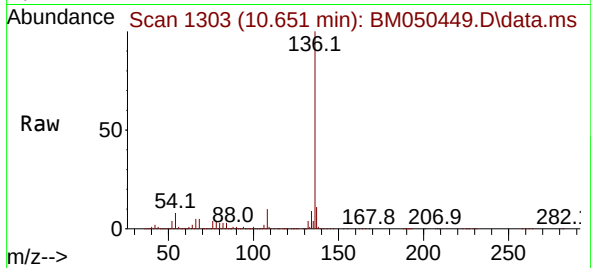




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

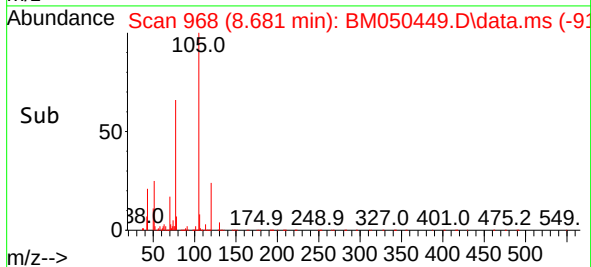
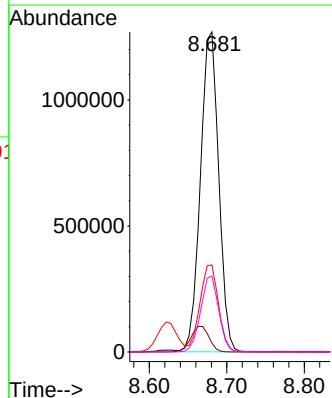
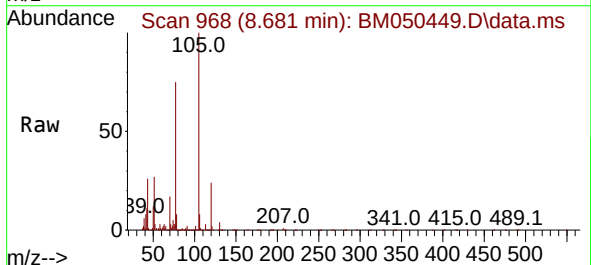
Instrument :
BNA_M
ClientSampleId :
PB168845BS

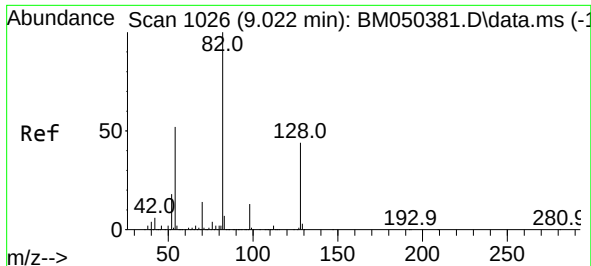
Tgt Ion:136 Resp: 1924110
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.0 6.3 9.5
68 5.5 4.2 6.2



#22
Acetophenone
Concen: 43.187 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:105 Resp: 2077632
Ion Ratio Lower Upper
105 100
71 2.8 4.4 6.6#
51 27.2 23.0 34.6
120 23.7 18.3 27.5

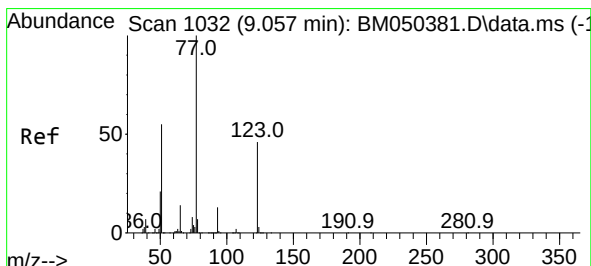
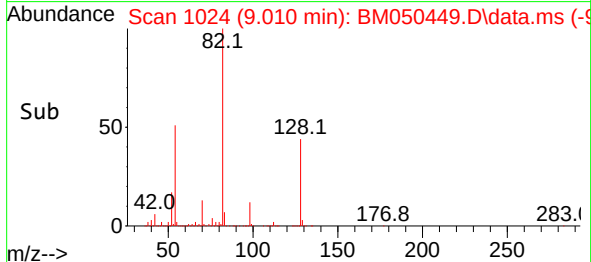
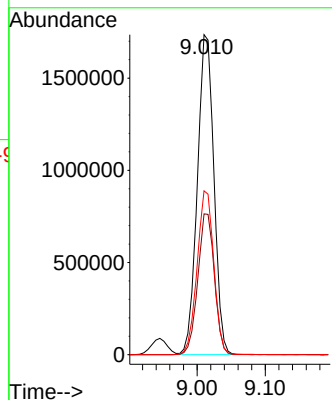
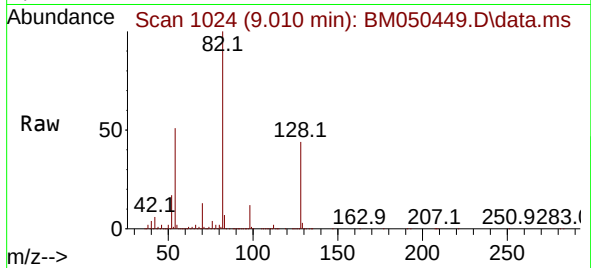




#23
Nitrobenzene-d5
Concen: 77.559 ng
RT: 9.010 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

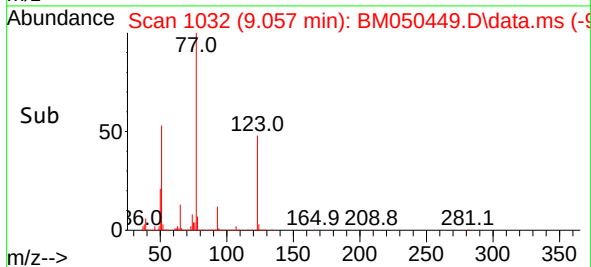
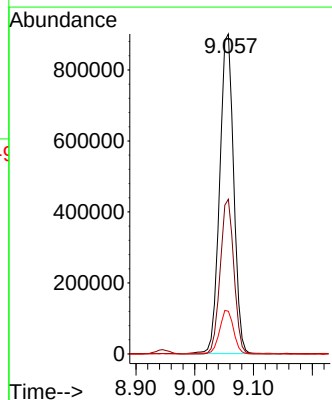
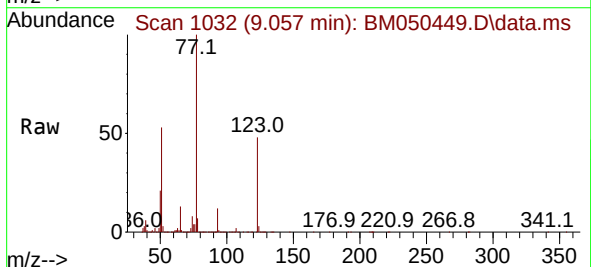
Instrument :
BNA_M
ClientSampleId :
PB168845BS

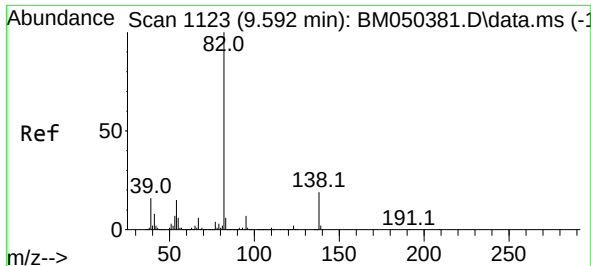
Tgt Ion: 82 Resp: 2925064
Ion Ratio Lower Upper
82 100
128 44.0 35.2 52.8
54 51.2 41.5 62.3



#24
Nitrobenzene
Concen: 44.272 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion: 77 Resp: 1489939
Ion Ratio Lower Upper
77 100
123 48.4 37.0 55.6
65 13.4 11.0 16.4





#25

Isophorone

Concen: 43.570 ng

RT: 9.586 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BM050449.D

Acq: 15 Jul 2025 10:50

Instrument :

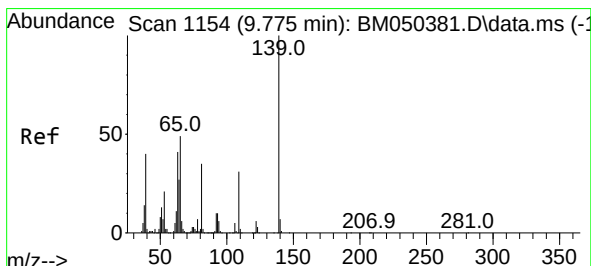
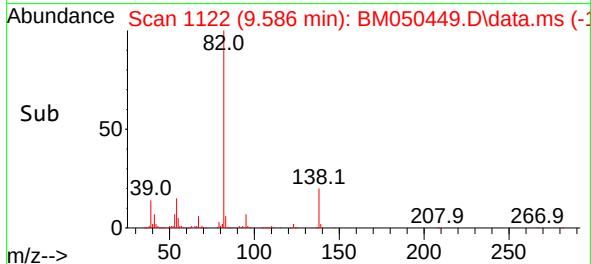
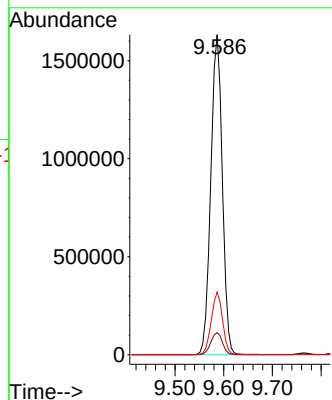
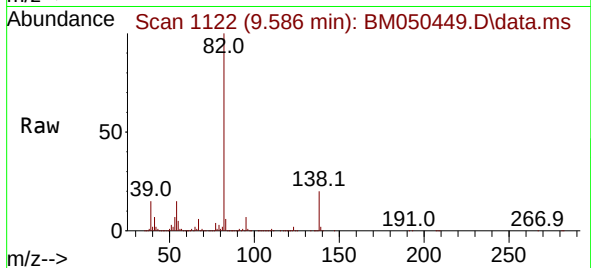
BNA_M

ClientSampleId :

PB168845BS

Tgt Ion: 82 Resp: 2666404

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.6	8.4
138	19.6	15.3	22.9



#26

2-Nitrophenol

Concen: 51.974 ng

RT: 9.763 min Scan# 1152

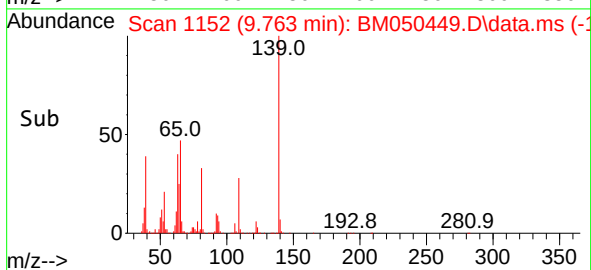
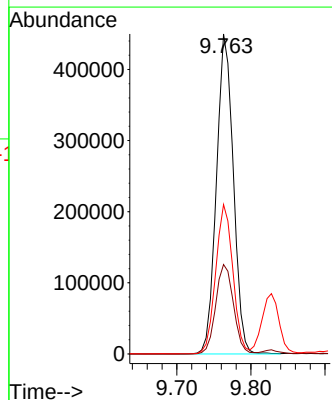
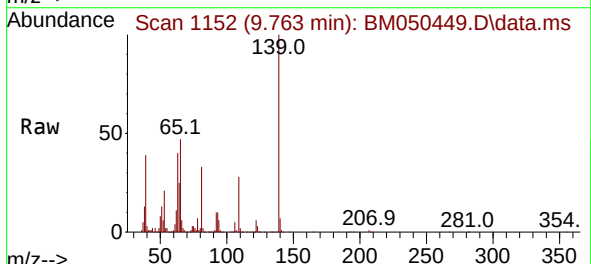
Delta R.T. -0.012 min

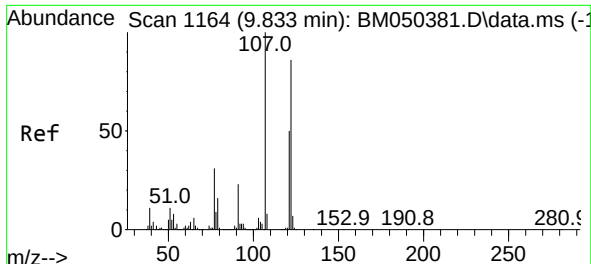
Lab File: BM050449.D

Acq: 15 Jul 2025 10:50

Tgt Ion:139 Resp: 712891

Ion	Ratio	Lower	Upper
139	100		
109	28.0	24.6	36.8
65	46.7	39.2	58.8

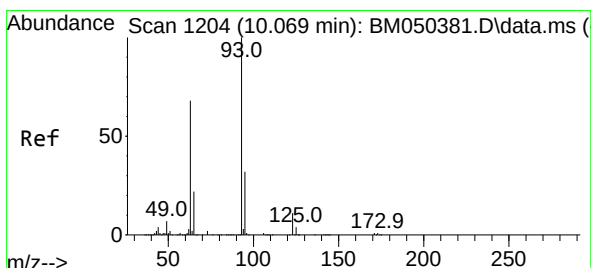
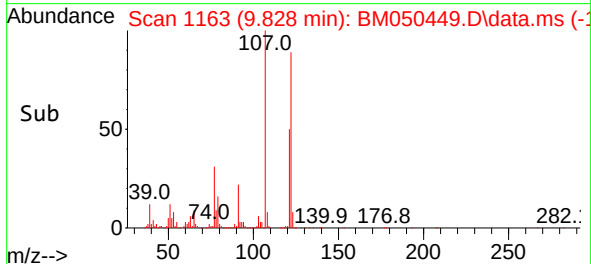
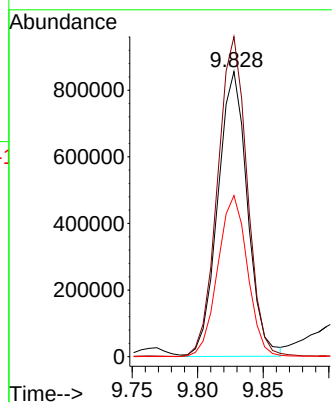
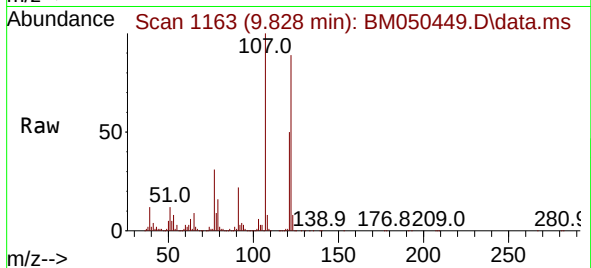




#27
2,4-Dimethylphenol
Concen: 46.066 ng
RT: 9.828 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

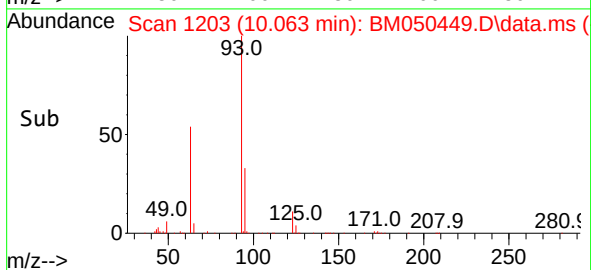
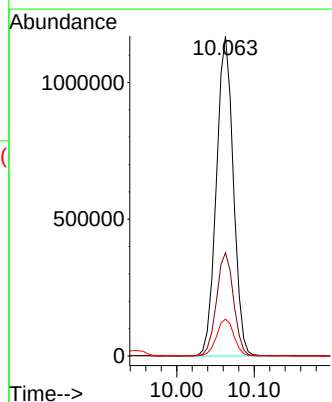
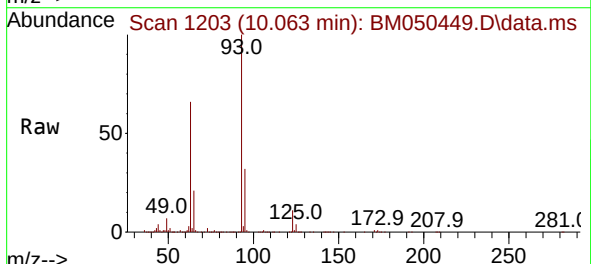
Instrument :
BNA_M
ClientSampleId :
PB168845BS

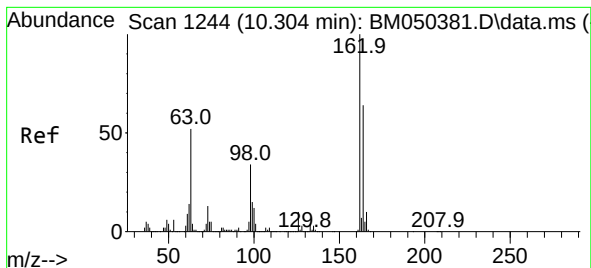
Tgt Ion:122 Resp: 1344519
Ion Ratio Lower Upper
122 100
107 112.3 93.0 139.6
121 56.5 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 43.702 ng
RT: 10.063 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion: 93 Resp: 1772191
Ion Ratio Lower Upper
93 100
95 32.2 25.8 38.6
123 11.5 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 47.823 ng

RT: 10.298 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050449.D

Acq: 15 Jul 2025 10:50

Instrument :

BNA_M

ClientSampleId :

PB168845BS

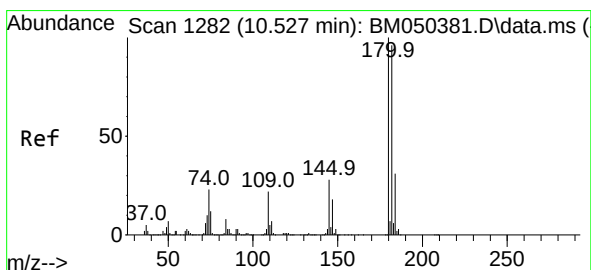
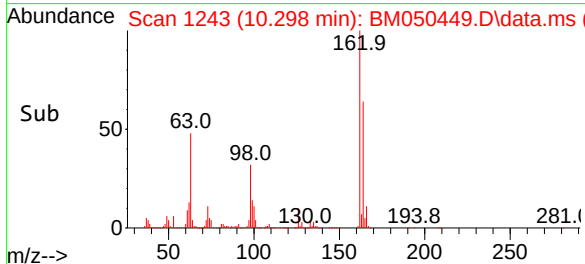
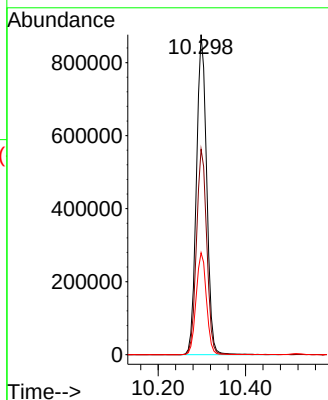
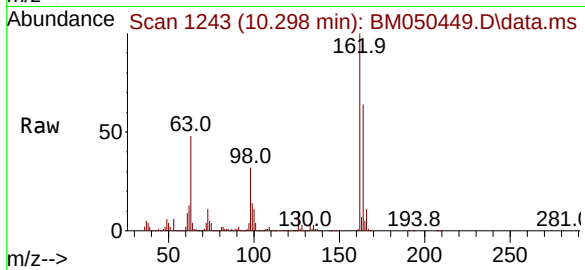
Tgt Ion:162 Resp: 1433985

Ion Ratio Lower Upper

162 100

164 64.2 43.7 83.7

98 31.8 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 44.582 ng

RT: 10.516 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BM050449.D

Acq: 15 Jul 2025 10:50

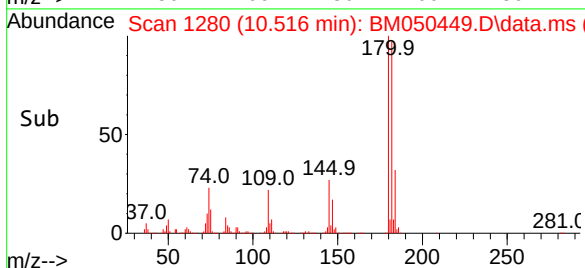
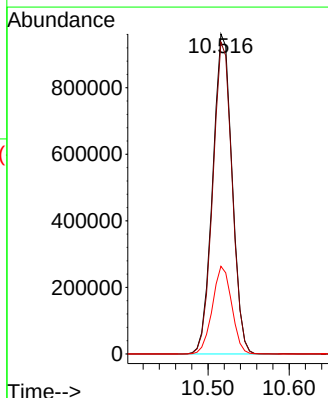
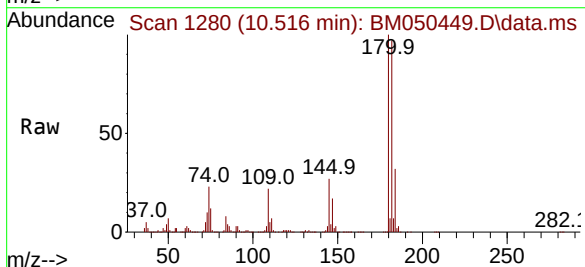
Tgt Ion:180 Resp: 1599191

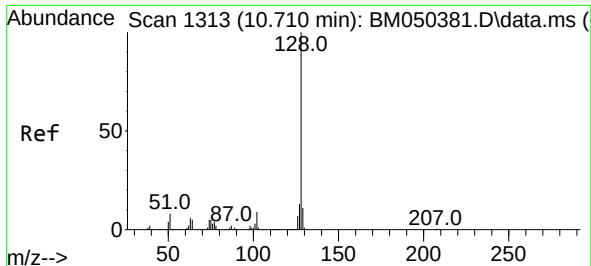
Ion Ratio Lower Upper

180 100

182 97.5 76.8 115.2

145 27.4 22.6 33.8

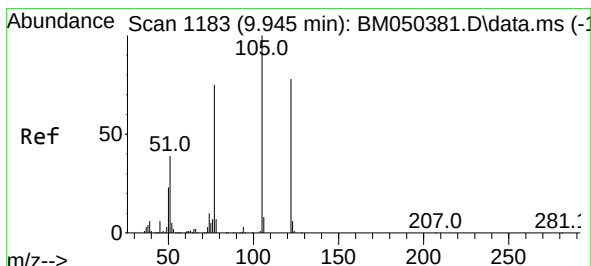
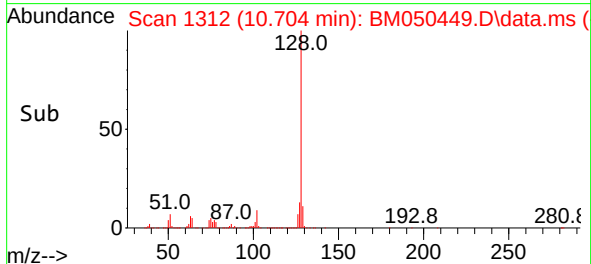
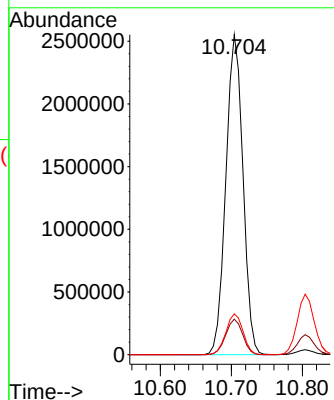
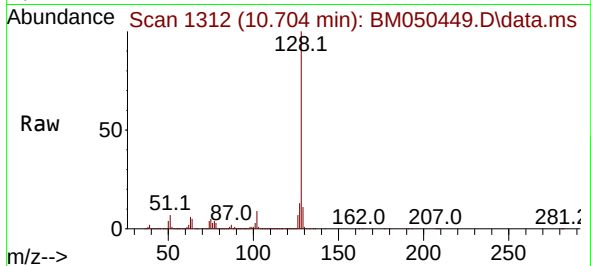




#31
Naphthalene
Concen: 43.519 ng
RT: 10.704 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

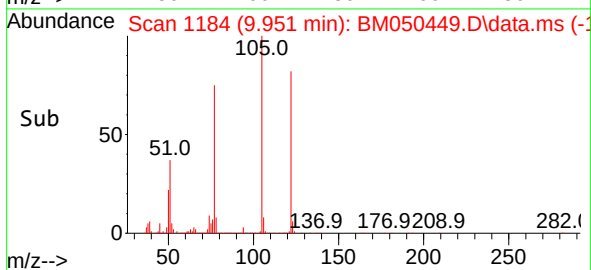
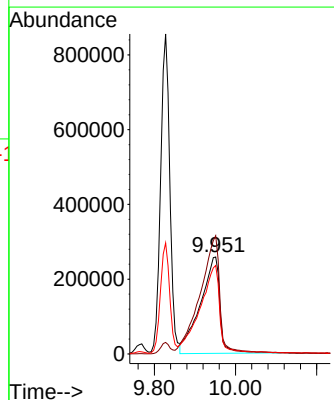
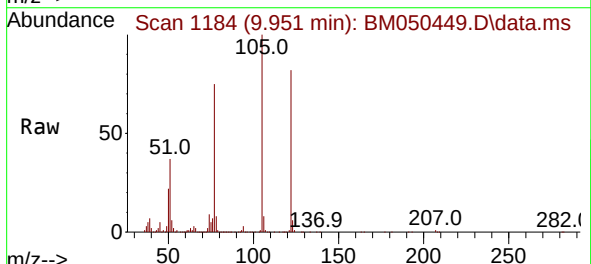
Instrument :
BNA_M
ClientSampleId :
PB168845BS

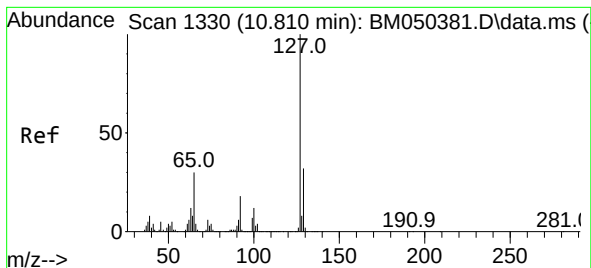
Tgt Ion:128 Resp: 4253199
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.7 10.4 15.6



#32
Benzoic acid
Concen: 48.359 ng
RT: 9.951 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:122 Resp: 867267
Ion Ratio Lower Upper
122 100
105 121.9 104.0 144.0
77 91.3 73.8 113.8

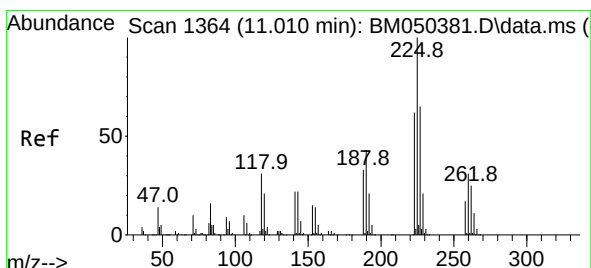
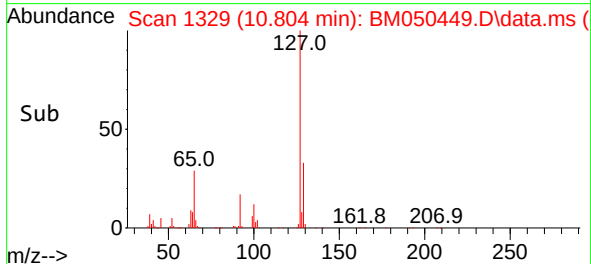
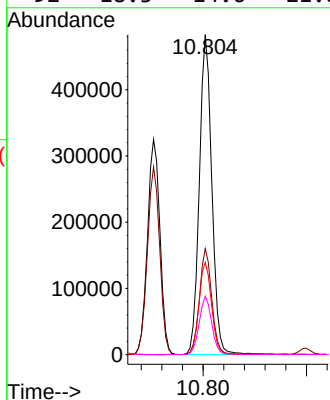
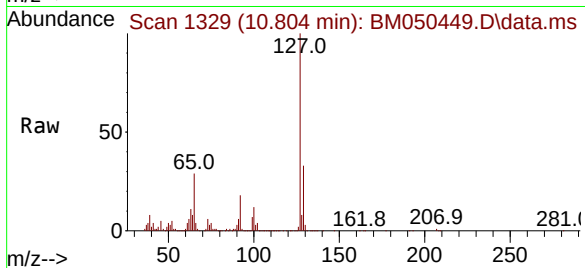




#33
4-Chloroaniline
Concen: 19.640 ng
RT: 10.804 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

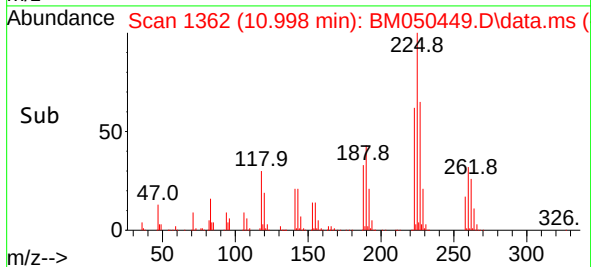
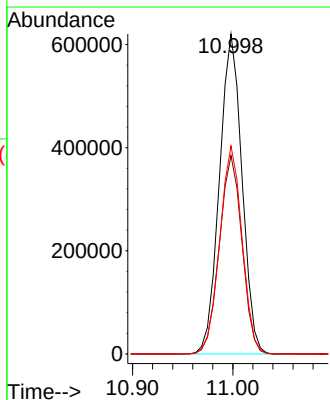
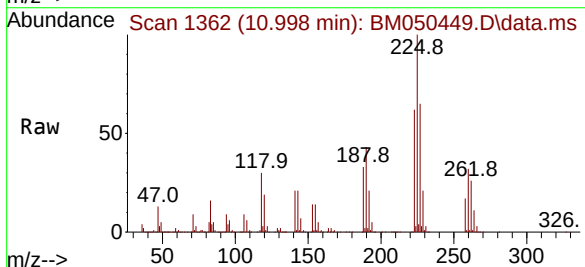
Instrument :
BNA_M
ClientSampleId :
PB168845BS

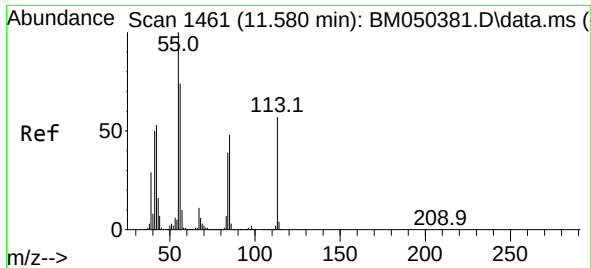
Tgt Ion:	127	Resp:	811458
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.5	38.3
65	28.8	23.9	35.9
92	18.3	14.6	21.8



#34
Hexachlorobutadiene
Concen: 44.104 ng
RT: 10.998 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:	225	Resp:	965588
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.7	74.5
227	65.0	52.1	78.1

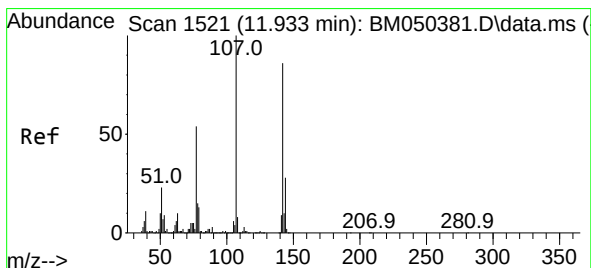
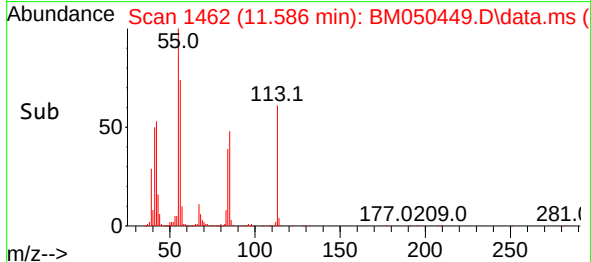
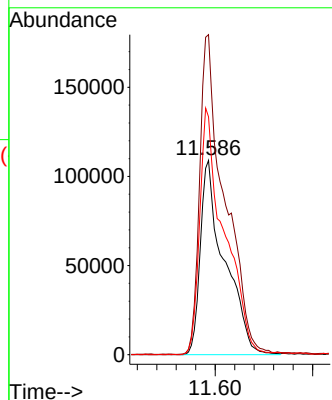
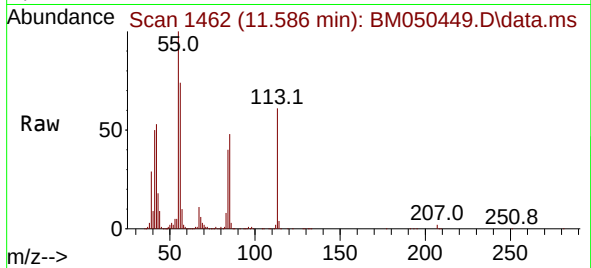




#35
Caprolactam
Concen: 45.708 ng
RT: 11.586 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

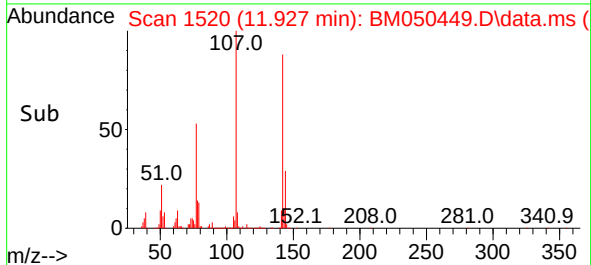
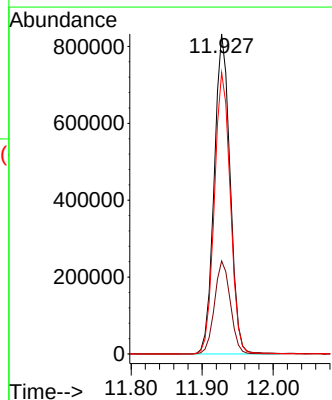
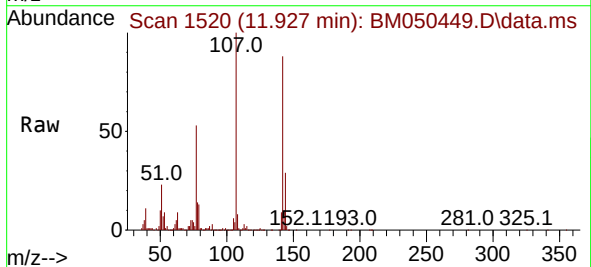
Instrument :
BNA_M
ClientSampleId :
PB168845BS

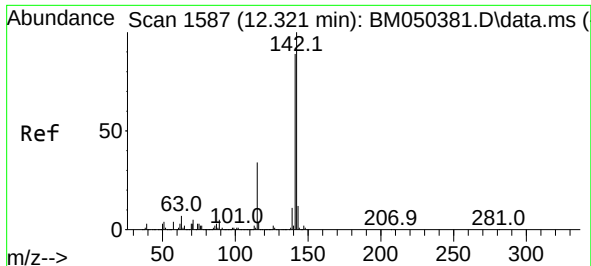
Tgt Ion:113 Resp: 374144
Ion Ratio Lower Upper
113 100
55 164.7 157.2 197.2
56 122.5 111.7 151.7



#36
4-Chloro-3-methylphenol
Concen: 46.165 ng
RT: 11.927 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:107 Resp: 1292667
Ion Ratio Lower Upper
107 100
144 29.1 22.2 33.4
142 87.9 68.7 103.1

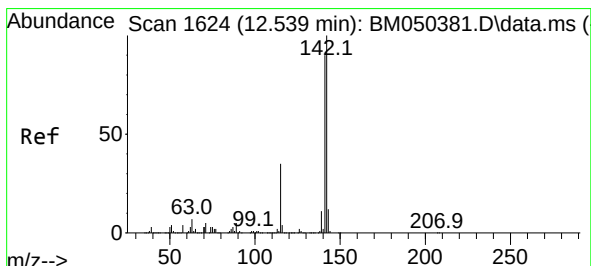
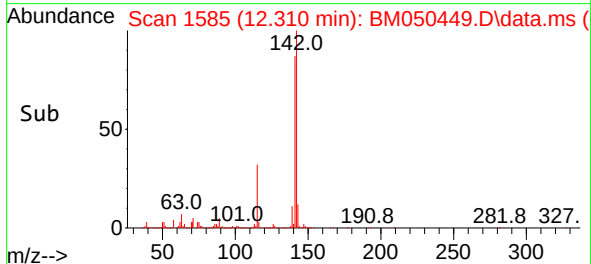
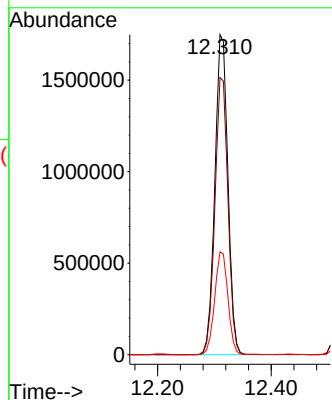
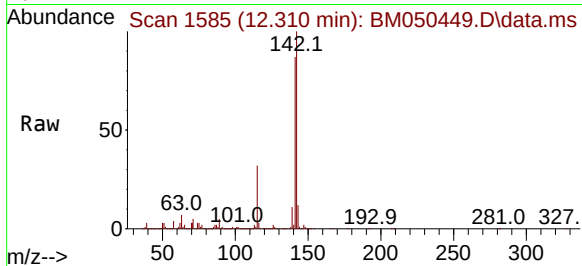




#37
2-Methylnaphthalene
Concen: 44.987 ng
RT: 12.310 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

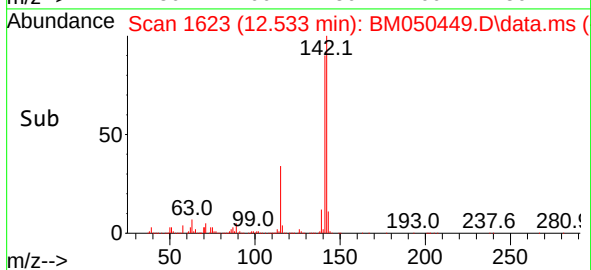
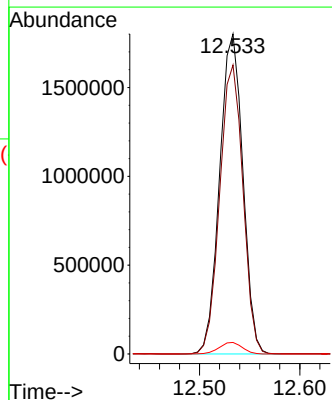
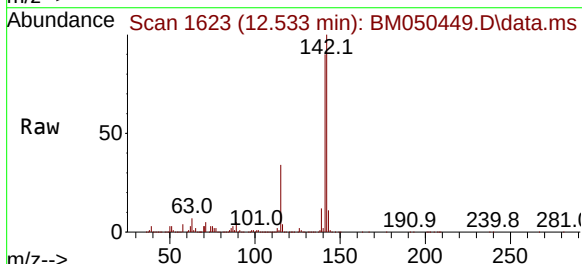
Instrument :
BNA_M
ClientSampleId :
PB168845BS

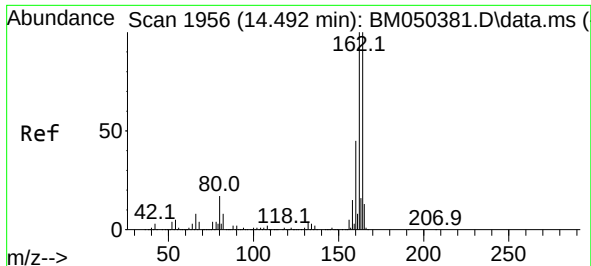
Tgt Ion:142 Resp: 2776070
Ion Ratio Lower Upper
142 100
141 86.6 70.8 106.2
115 32.2 27.0 40.4



#38
1-Methylnaphthalene
Concen: 44.307 ng
RT: 12.533 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:142 Resp: 2893477
Ion Ratio Lower Upper
142 100
141 90.3 71.9 107.9
116 3.6 3.0 4.6

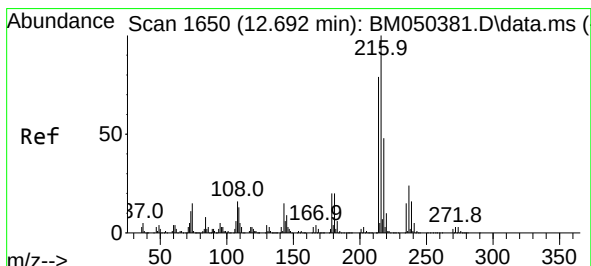
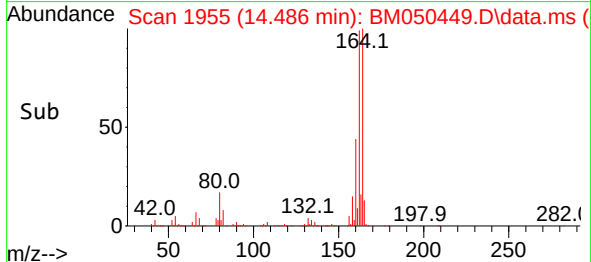
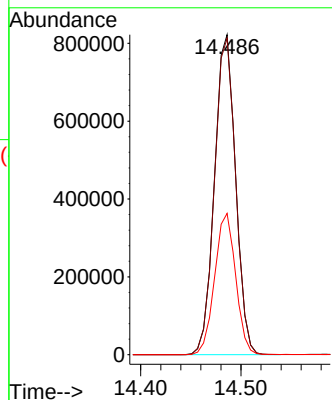
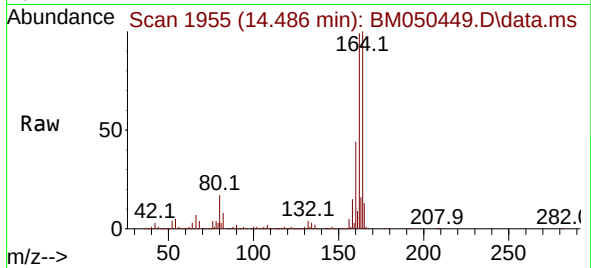




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

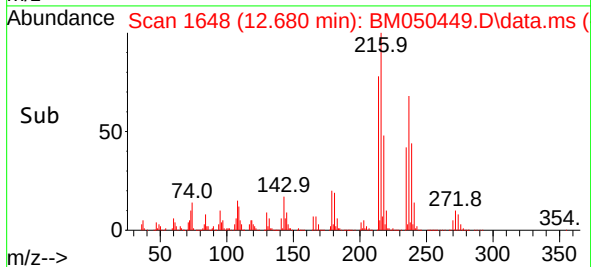
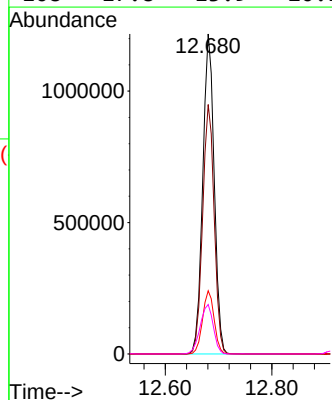
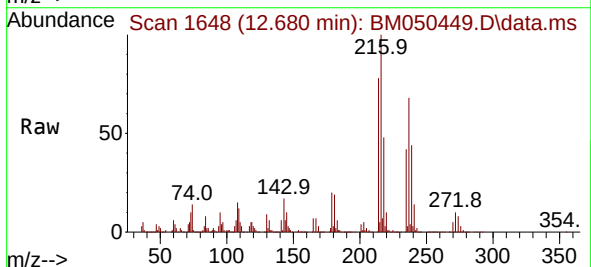
Instrument :
BNA_M
ClientSampleId :
PB168845BS

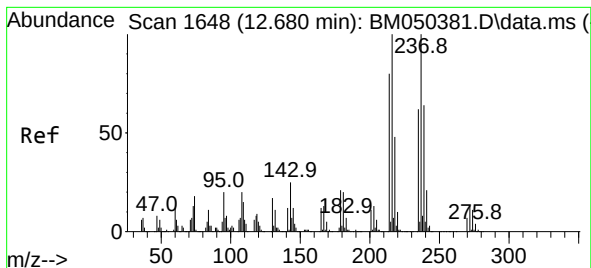
Tgt Ion:164 Resp: 1201064
Ion Ratio Lower Upper
164 100
162 98.9 79.9 119.9
160 44.1 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.478 ng
RT: 12.680 min Scan# 1648
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:216 Resp: 1813427
Ion Ratio Lower Upper
216 100
214 78.8 63.3 94.9
179 19.9 16.4 24.6
108 17.8 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 101.923 ng

RT: 12.669 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM050449.D

Acq: 15 Jul 2025 10:50

Instrument :

BNA_M

ClientSampleId :

PB168845BS

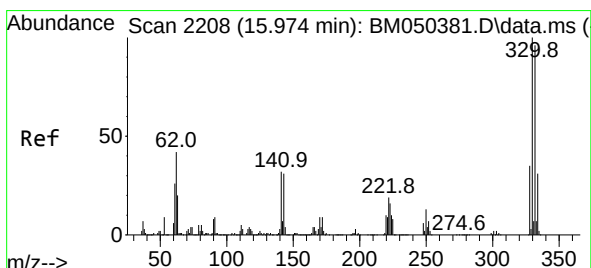
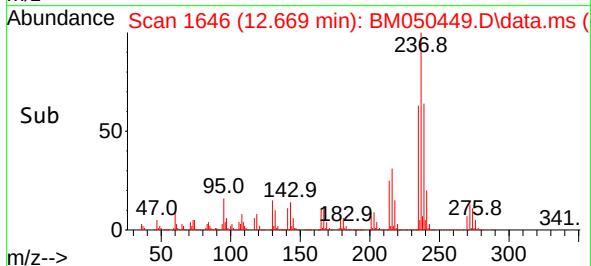
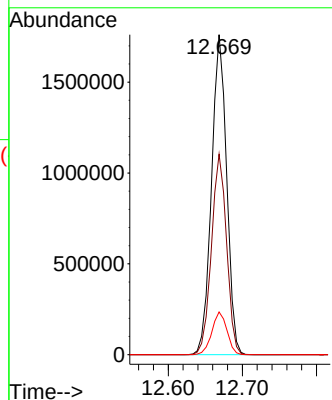
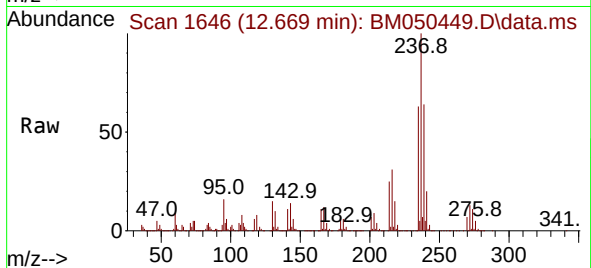
Tgt Ion:237 Resp: 2488427

Ion Ratio Lower Upper

237 100

235 62.7 42.3 82.3

272 13.3 0.0 33.0



#42

2,4,6-Tribromophenol

Concen: 149.091 ng

RT: 15.968 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BM050449.D

Acq: 15 Jul 2025 10:50

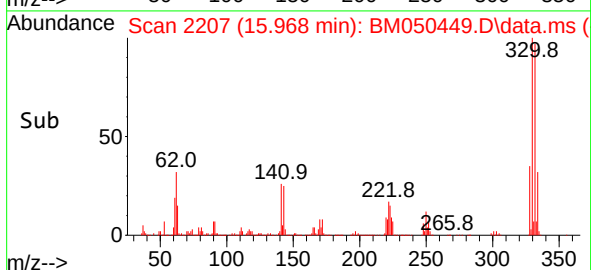
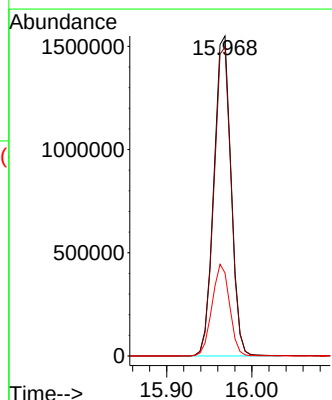
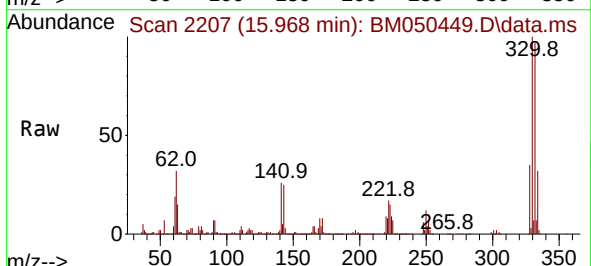
Tgt Ion:330 Resp: 2175692

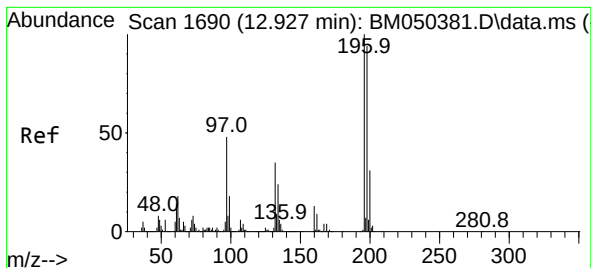
Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

141 29.3 27.4 41.0





#43

2,4,6-Trichlorophenol

Concen: 48.909 ng

RT: 12.916 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM050449.D

Acq: 15 Jul 2025 10:50

Instrument :

BNA_M

ClientSampleId :

PB168845BS

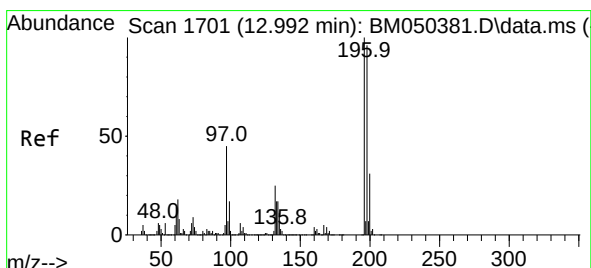
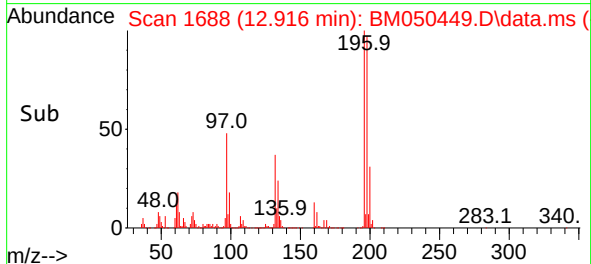
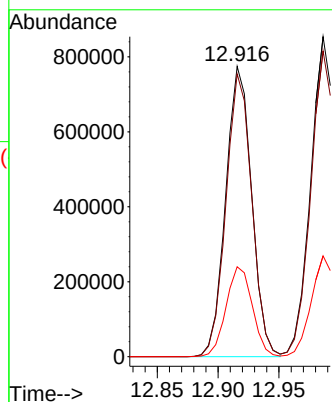
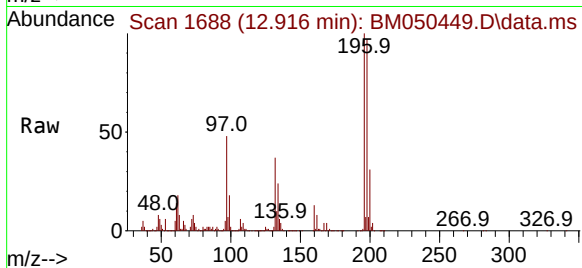
Tgt Ion:196 Resp: 1149877

Ion Ratio Lower Upper

196 100

198 97.4 75.1 112.7

200 31.0 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 49.144 ng

RT: 12.986 min Scan# 1700

Delta R.T. -0.006 min

Lab File: BM050449.D

Acq: 15 Jul 2025 10:50

Tgt Ion:196 Resp: 1261847

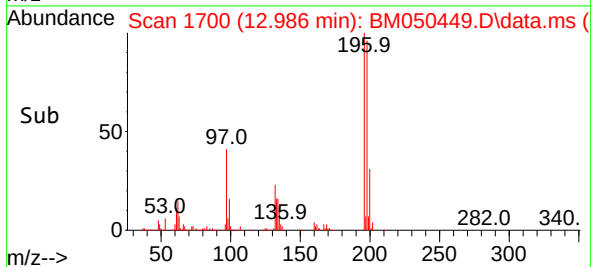
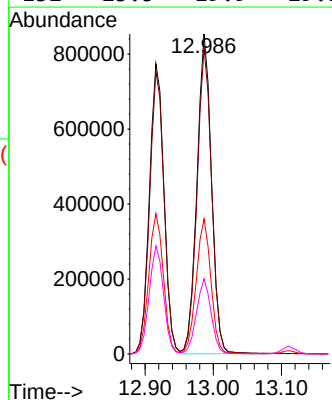
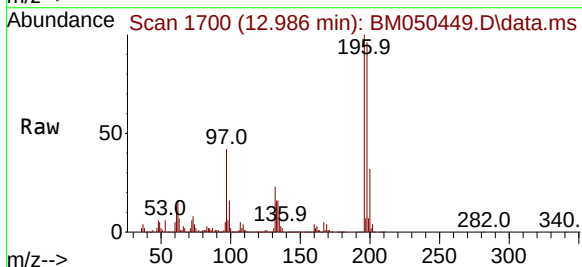
Ion Ratio Lower Upper

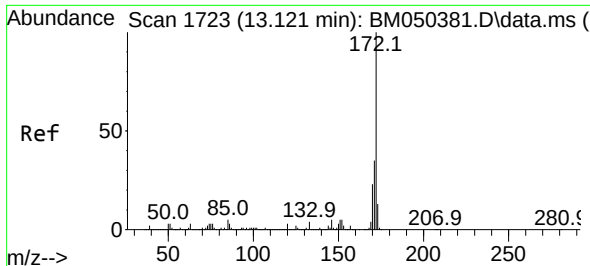
196 100

198 95.5 77.2 115.8

97 42.2 36.2 54.4

132 23.5 19.9 29.9

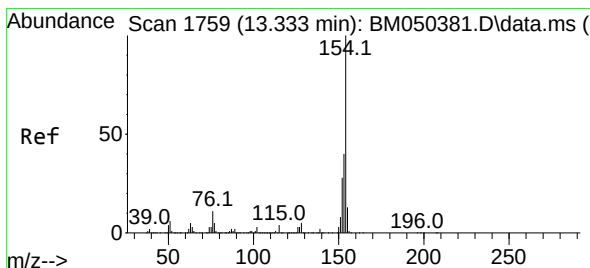
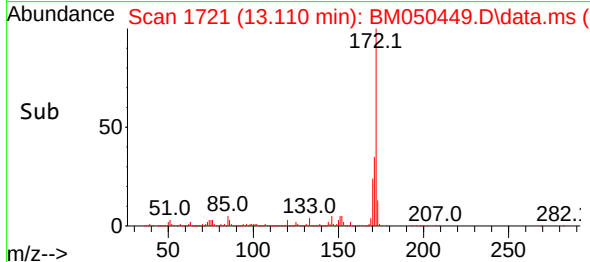
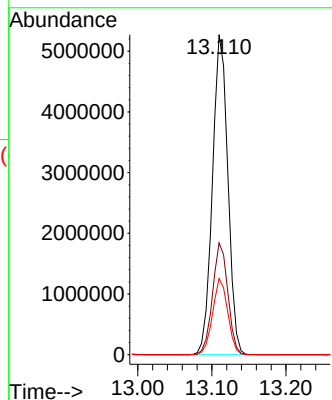
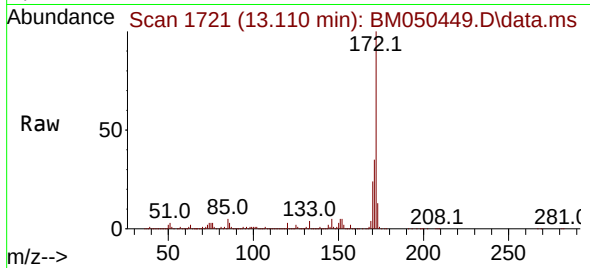




#45
2-Fluorobiphenyl
Concen: 78.109 ng
RT: 13.110 min Scan# 1721
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

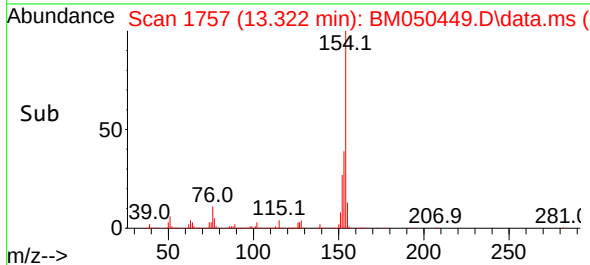
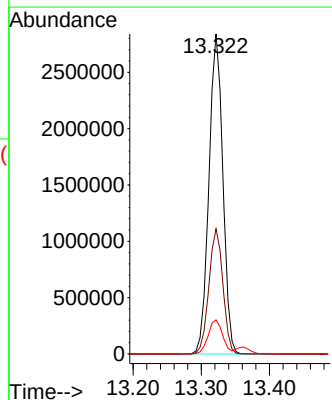
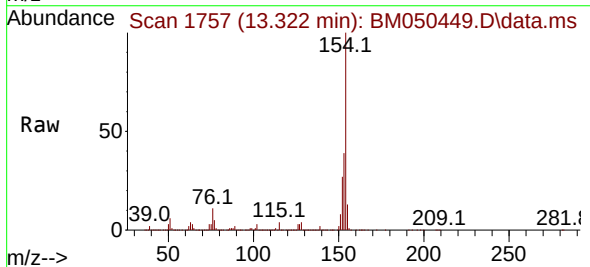
Instrument :
BNA_M
ClientSampleId :
PB168845BS

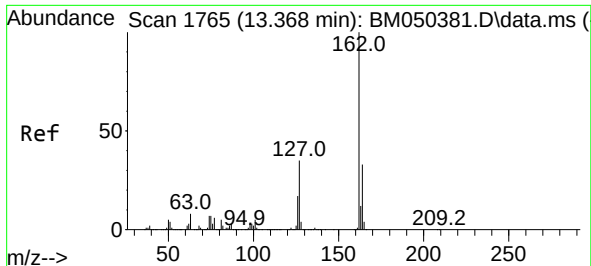
Tgt Ion:172 Resp: 7596668
Ion Ratio Lower Upper
172 100
171 34.9 27.7 41.5
170 23.8 18.8 28.2



#46
1,1'-Biphenyl
Concen: 45.236 ng
RT: 13.322 min Scan# 1757
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:154 Resp: 4030985
Ion Ratio Lower Upper
154 100
153 39.1 19.7 59.7
76 10.7 0.0 30.9

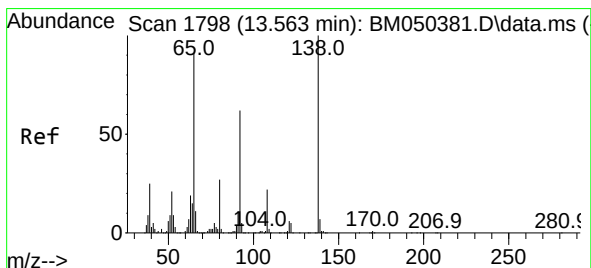
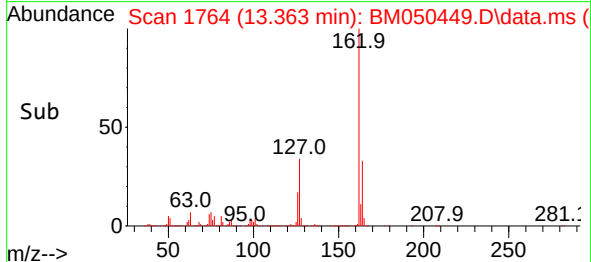
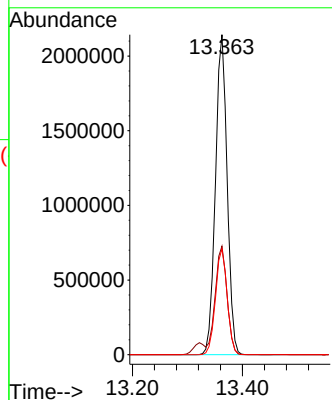
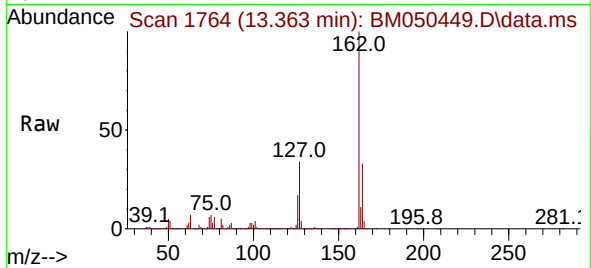




#47
2-Chloronaphthalene
Concen: 44.666 ng
RT: 13.363 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

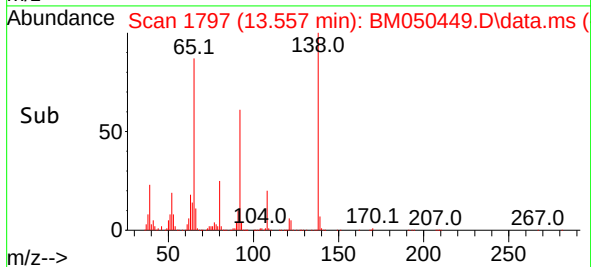
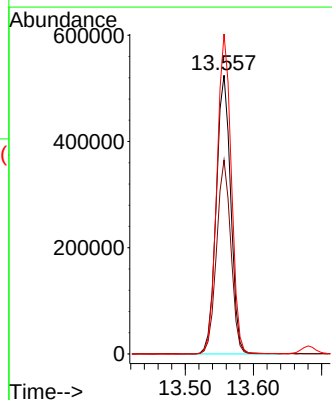
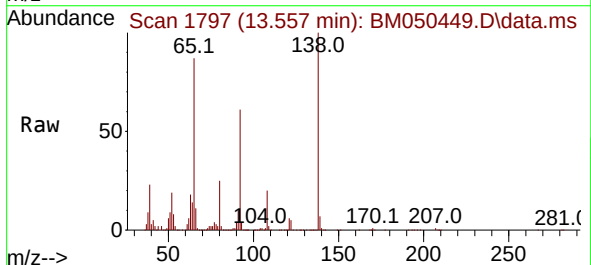
Instrument :
BNA_M
ClientSampleId :
PB168845BS

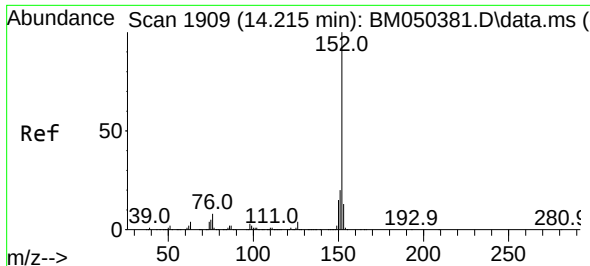
Tgt Ion:162 Resp: 3173492
Ion Ratio Lower Upper
162 100
127 33.9 28.3 42.5
164 33.1 26.6 40.0



#48
2-Nitroaniline
Concen: 49.050 ng
RT: 13.557 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion: 65 Resp: 777873
Ion Ratio Lower Upper
65 100
92 69.6 54.3 81.5
138 114.8 87.8 131.6

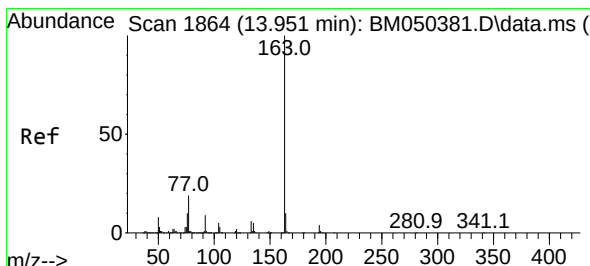
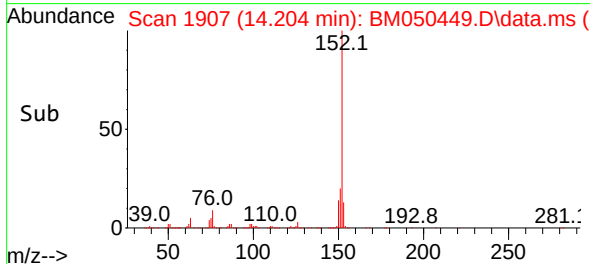
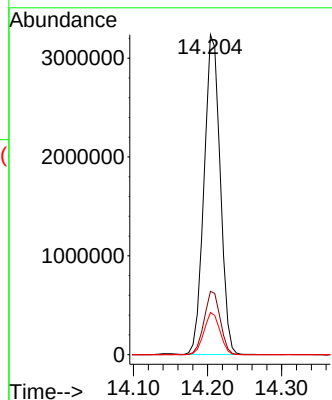
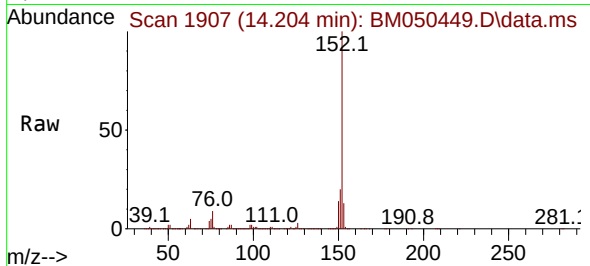




#49
Acenaphthylene
Concen: 45.607 ng
RT: 14.204 min Scan# 1907
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

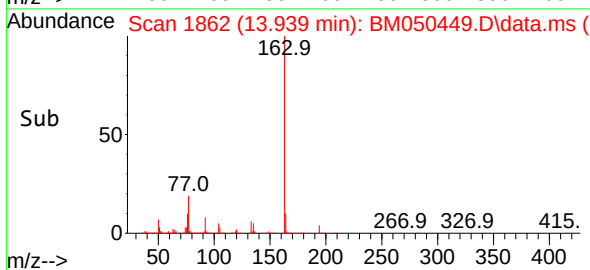
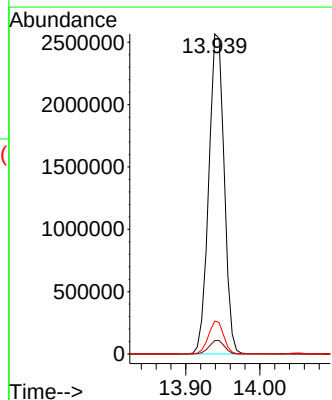
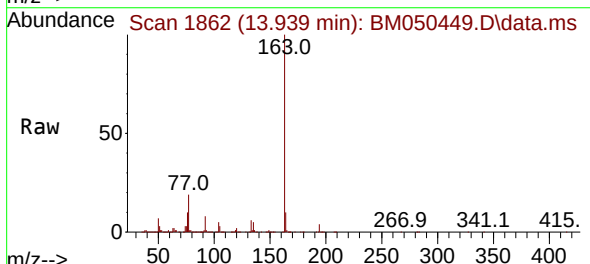
Instrument :
BNA_M
ClientSampleId :
PB168845BS

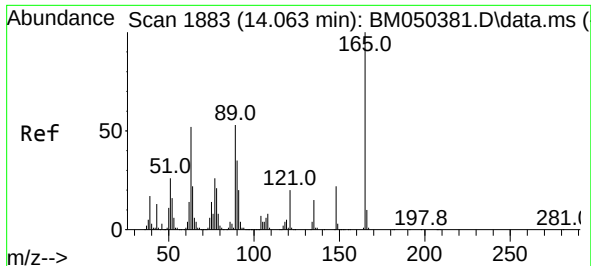
Tgt Ion:152 Resp: 4897097
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 44.800 ng
RT: 13.939 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:163 Resp: 3704512
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.3 8.2 12.2

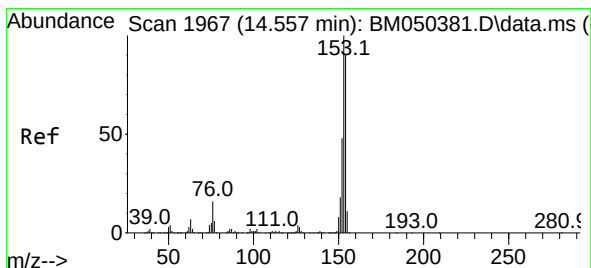
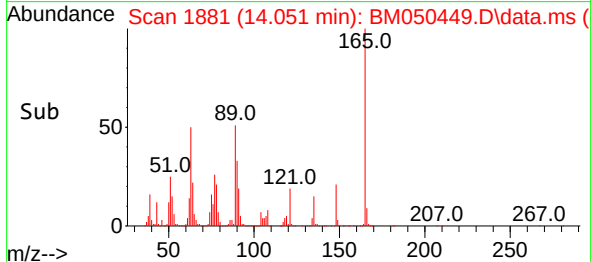
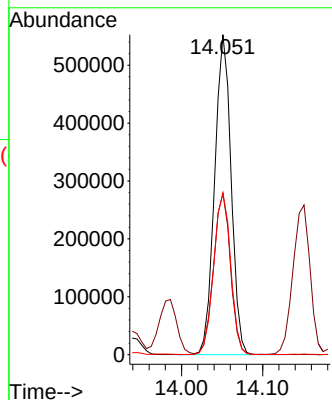
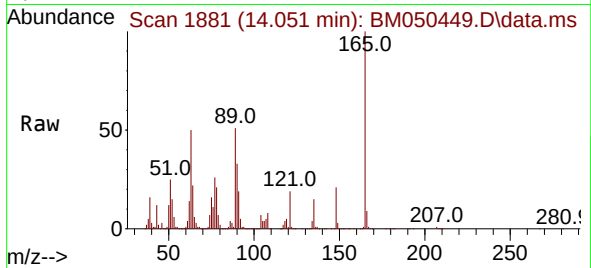




#51
2,6-Dinitrotoluene
Concen: 49.150 ng
RT: 14.051 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

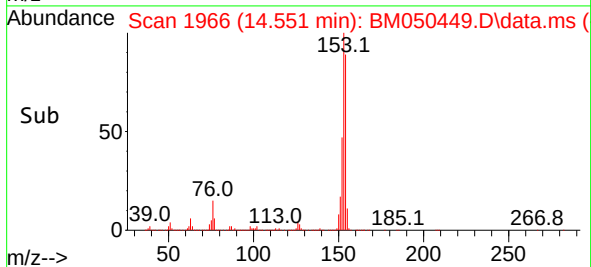
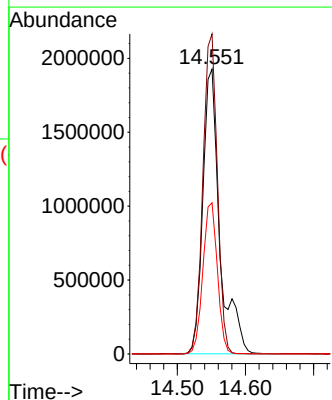
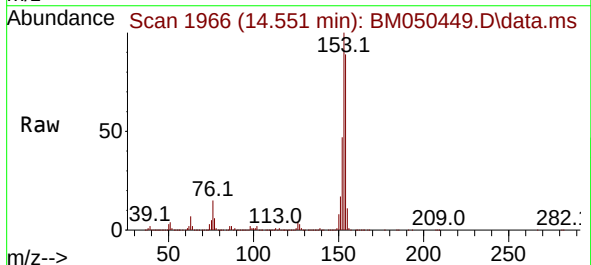
Instrument :
BNA_M
ClientSampleId :
PB168845BS

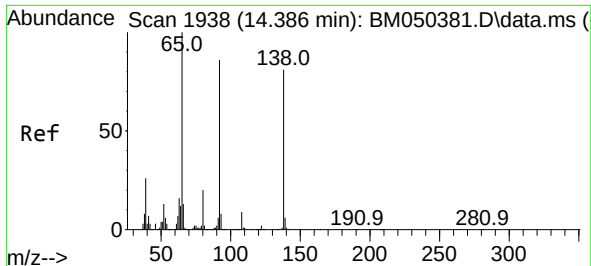
Tgt Ion:165 Resp: 780349
Ion Ratio Lower Upper
165 100
63 50.4 42.4 63.6
89 50.6 42.2 63.2



#52
Acenaphthene
Concen: 48.998 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:154 Resp: 3344874
Ion Ratio Lower Upper
154 100
153 112.4 89.2 133.8
152 53.1 42.6 64.0

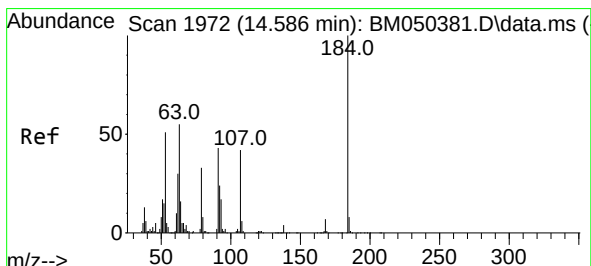
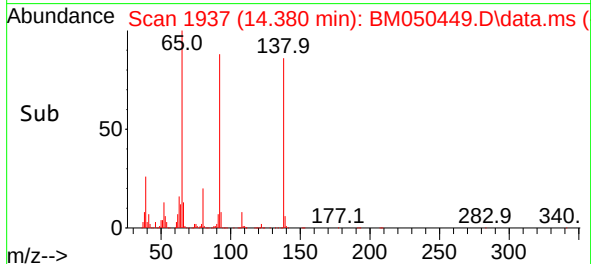
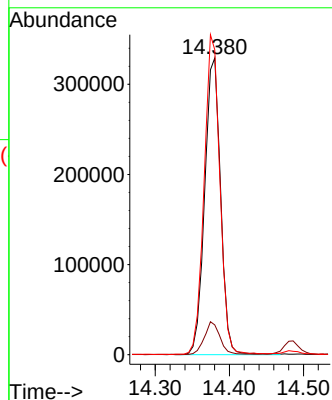
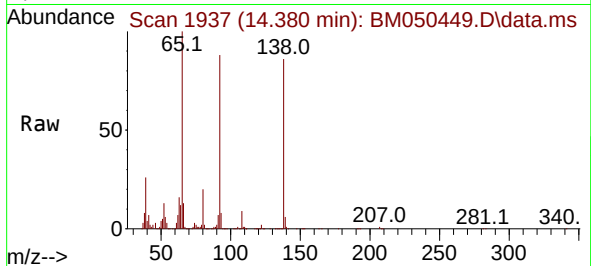




#53
3-Nitroaniline
Concen: 29.096 ng
RT: 14.380 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

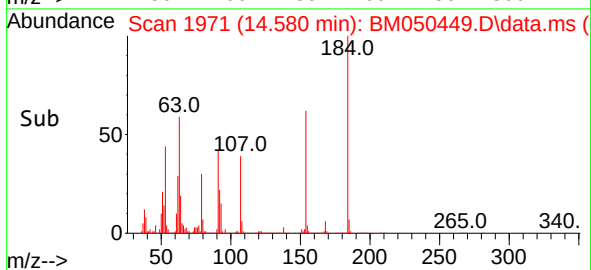
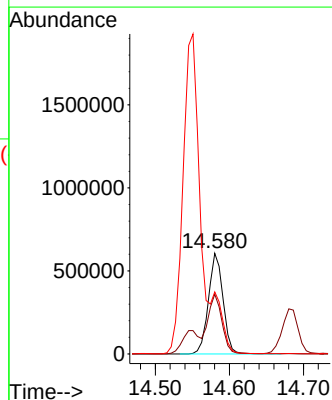
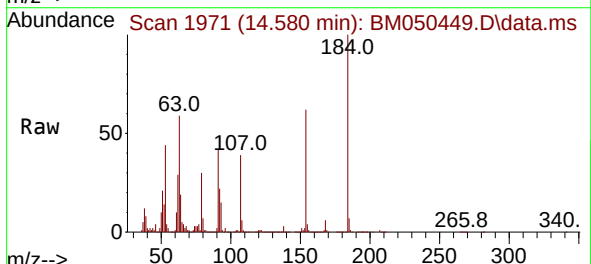
Instrument :
BNA_M
ClientSampleId :
PB168845BS

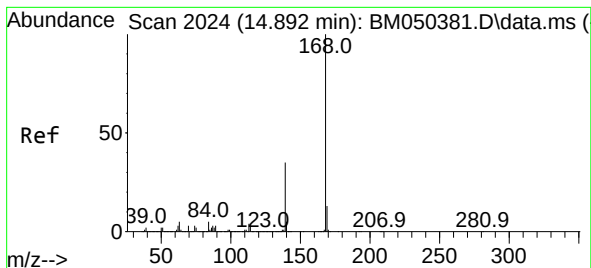
Tgt Ion:138 Resp: 491285
Ion Ratio Lower Upper
138 100
108 10.1 8.8 13.2
92 102.8 85.0 127.6



#54
2,4-Dinitrophenol
Concen: 93.609 ng
RT: 14.580 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:184 Resp: 830481
Ion Ratio Lower Upper
184 100
63 59.3 53.4 80.0
154 61.7 61.6 92.4





#55

Dibenzofuran

Concen: 43.993 ng

RT: 14.880 min Scan# 20

Delta R.T. -0.012 min

Lab File: BM050449.D

Acq: 15 Jul 2025 10:50

Instrument :

BNA_M

ClientSampleId :

PB168845BS

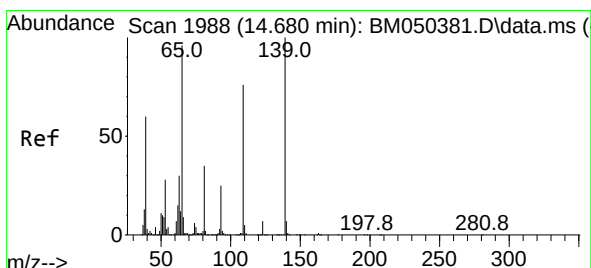
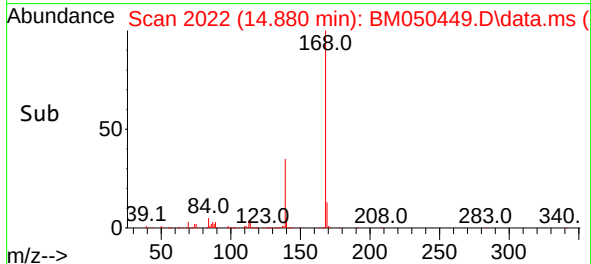
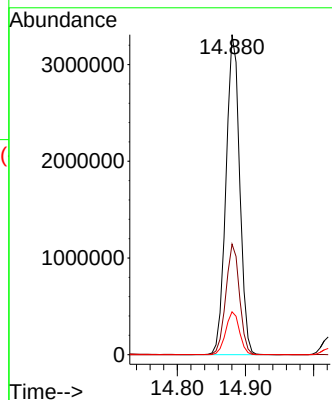
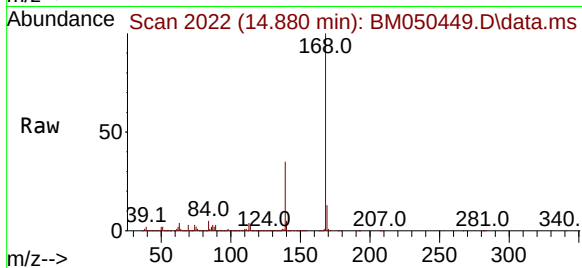
Tgt Ion:168 Resp: 4627351

Ion Ratio Lower Upper

168 100

139 34.6 27.7 41.5

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 101.721 ng

RT: 14.686 min Scan# 1989

Delta R.T. 0.006 min

Lab File: BM050449.D

Acq: 15 Jul 2025 10:50

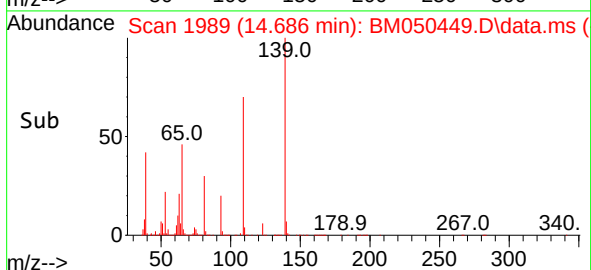
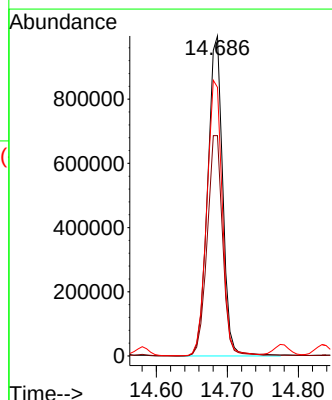
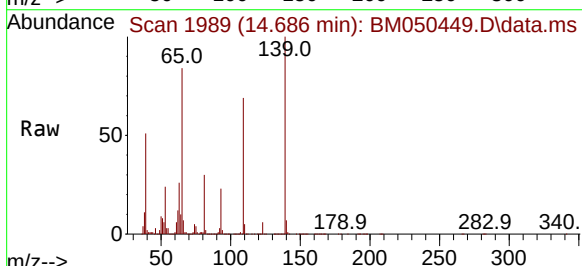
Tgt Ion:139 Resp: 1477021

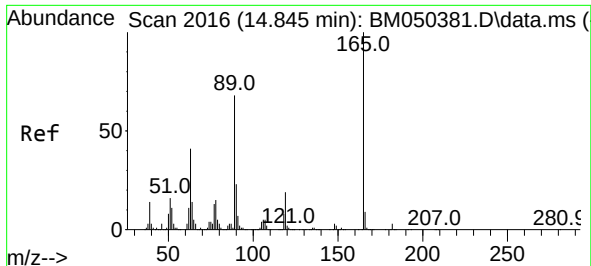
Ion Ratio Lower Upper

139 100

109 68.8 56.5 96.5

65 84.0 76.4 116.4

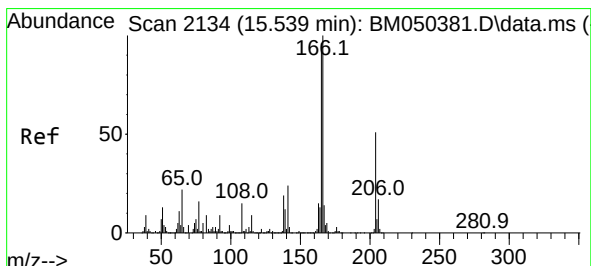
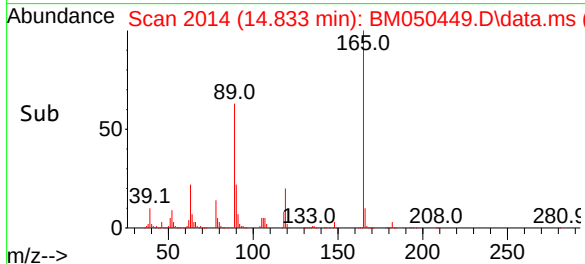
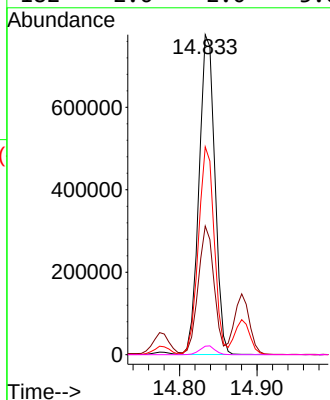
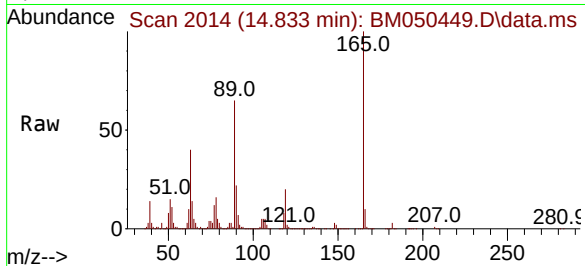




#57
2,4-Dinitrotoluene
Concen: 46.332 ng
RT: 14.833 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

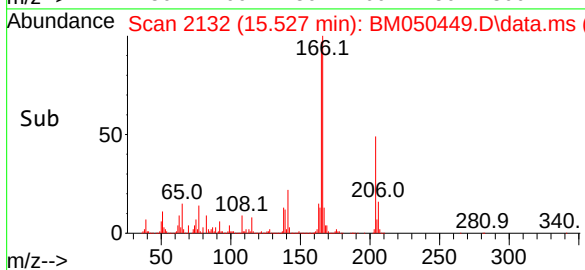
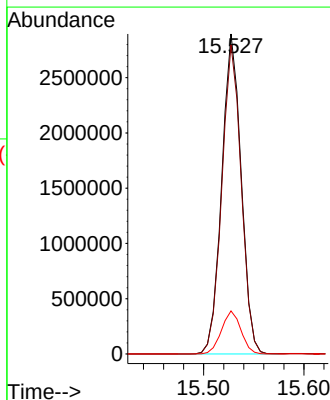
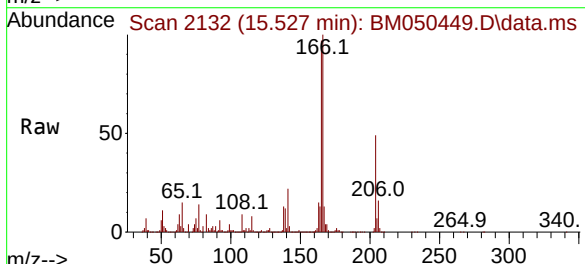
Instrument :
BNA_M
ClientSampleId :
PB168845BS

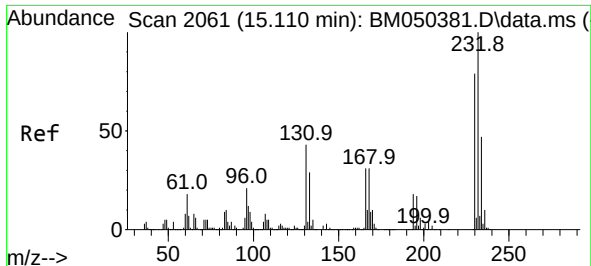
Tgt Ion:165 Resp: 1098831
Ion Ratio Lower Upper
165 100
63 40.2 32.5 48.7
89 65.0 54.0 81.0
182 2.6 2.0 3.0



#58
Fluorene
Concen: 44.791 ng
RT: 15.527 min Scan# 2132
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:166 Resp: 3880558
Ion Ratio Lower Upper
166 100
165 96.6 77.0 115.6
167 13.5 10.9 16.3

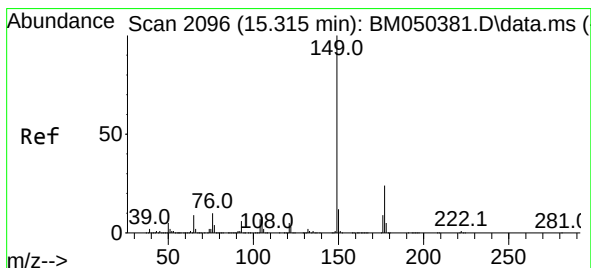
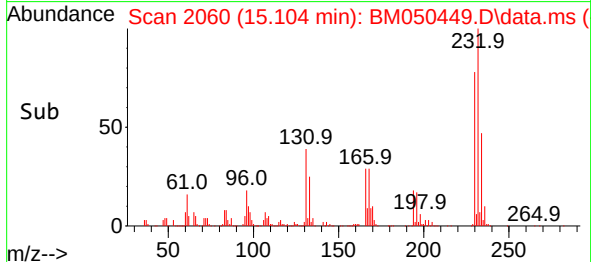
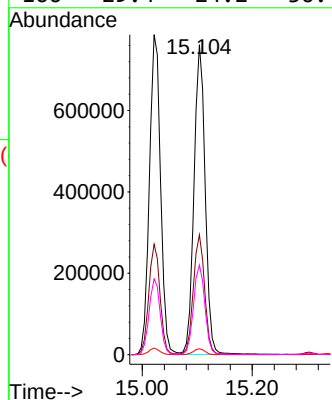
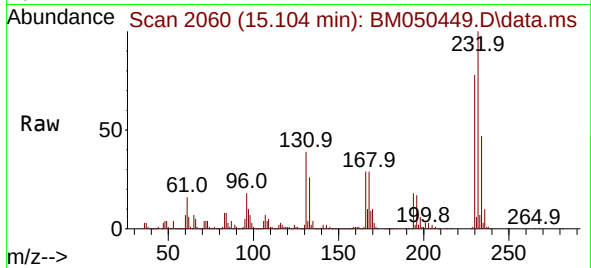




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.766 ng
RT: 15.104 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

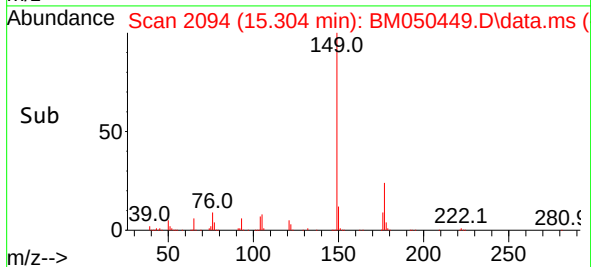
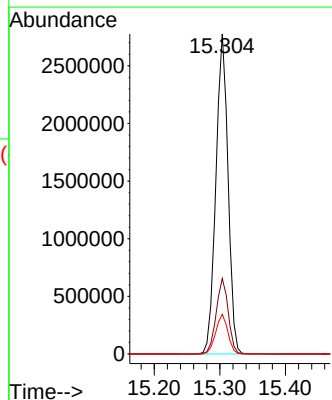
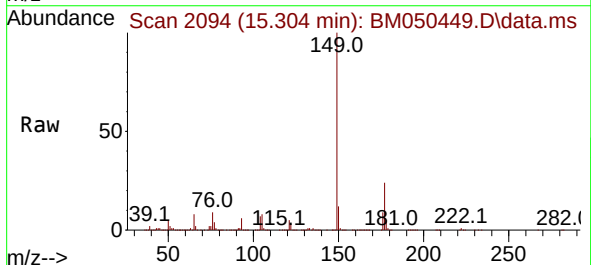
Instrument :
BNA_M
ClientSampleId :
PB168845BS

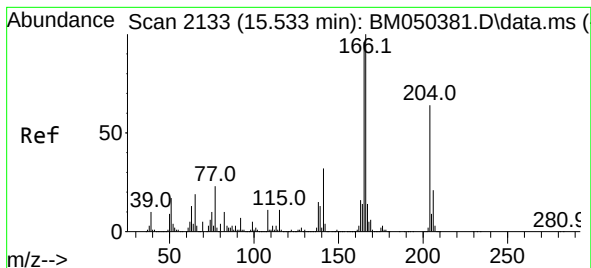
Tgt Ion:232 Resp: 1075655
Ion Ratio Lower Upper
232 100
131 38.8 33.4 50.0
130 2.0 1.8 2.6
166 29.4 24.2 36.4



#60
Diethylphthalate
Concen: 45.103 ng
RT: 15.304 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:149 Resp: 3562643
Ion Ratio Lower Upper
149 100
177 23.6 18.8 28.2
150 12.4 9.8 14.8

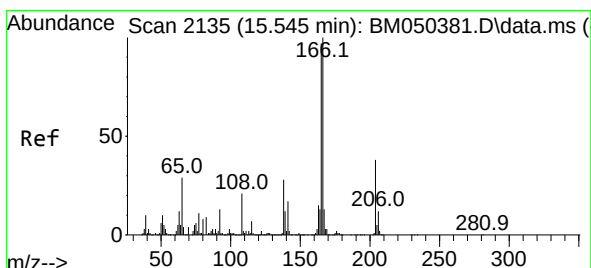
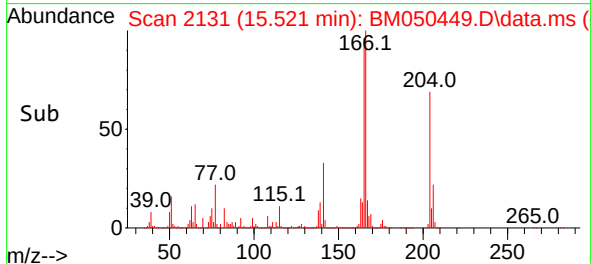
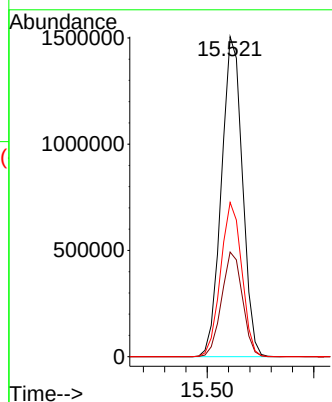
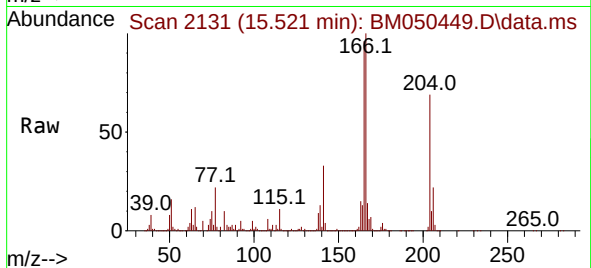




#61
4-Chlorophenyl-phenylether
Concen: 45.380 ng
RT: 15.521 min Scan# 2131
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

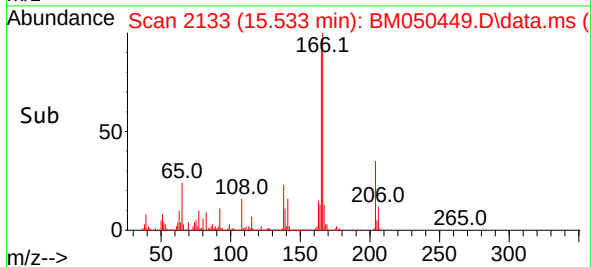
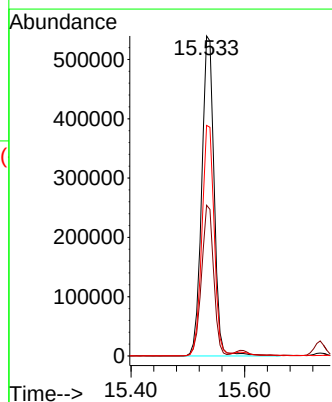
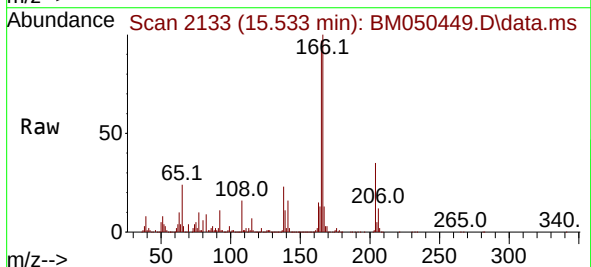
Instrument :
BNA_M
ClientSampleId :
PB168845BS

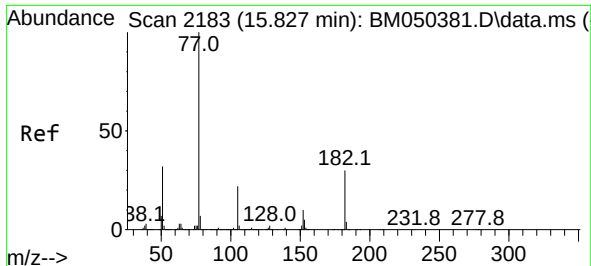
Tgt Ion:204 Resp: 2055772
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 48.2 39.9 59.9



#62
4-Nitroaniline
Concen: 42.395 ng
RT: 15.533 min Scan# 2133
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:138 Resp: 816764
Ion Ratio Lower Upper
138 100
92 47.1 24.5 64.5
108 72.0 52.5 92.5



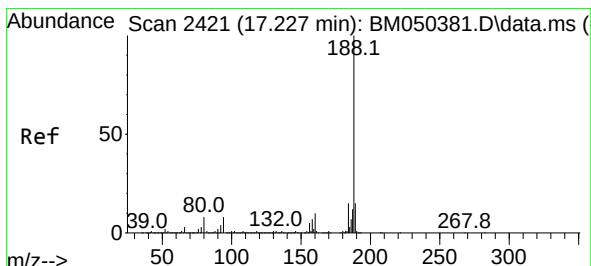
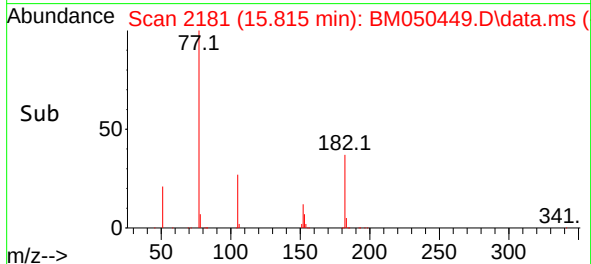
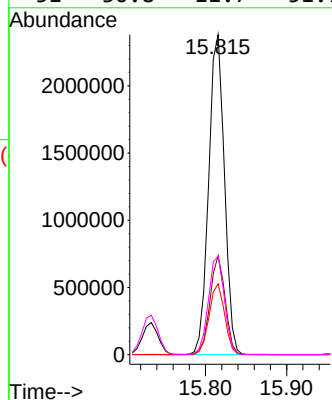
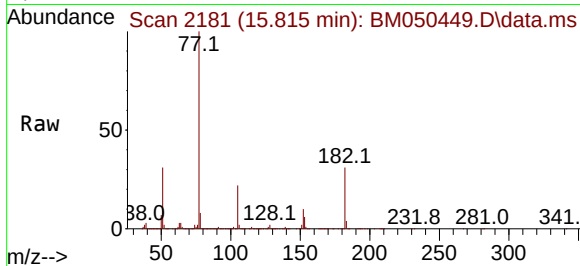


#63
Azobenzene
Concen: 44.149 ng
RT: 15.815 min Scan# 2183
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
PB168845BS

Tgt Ion: 77 Resp: 3202185

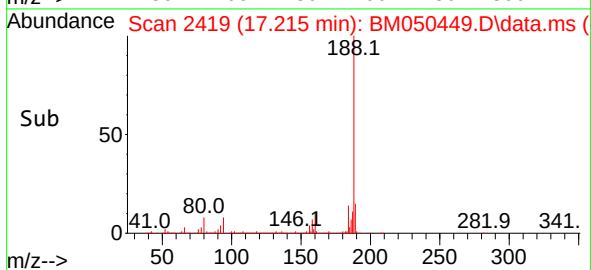
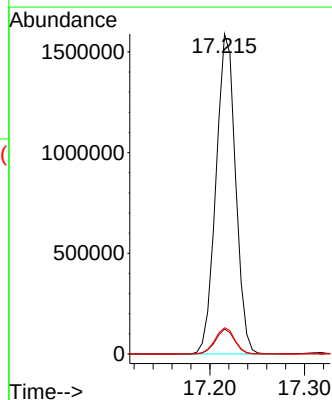
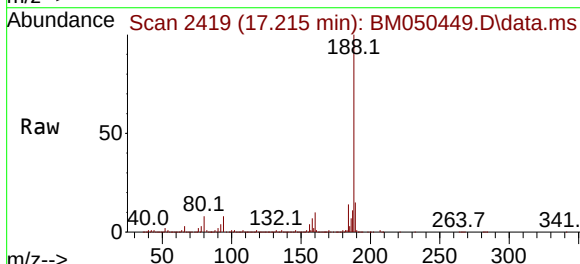
Ion	Ratio	Lower	Upper
77	100		
182	30.9	10.0	50.0
105	22.1	2.0	42.0
51	30.8	11.7	51.7

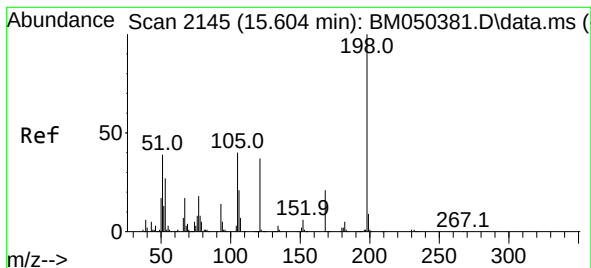


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion: 188 Resp: 2288993

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.0	9.0
80	8.2	6.5	9.7

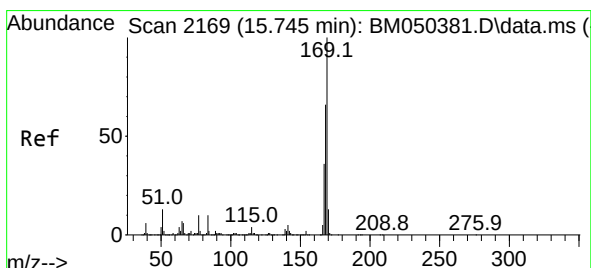
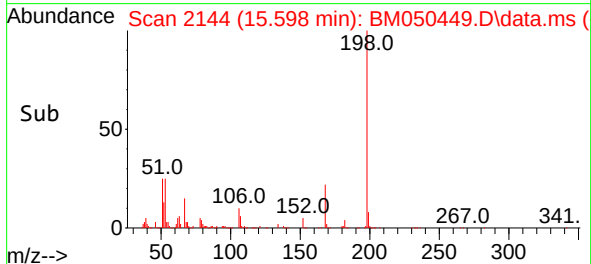
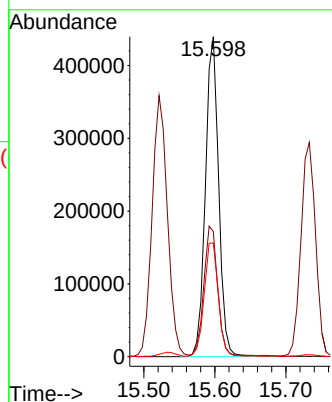
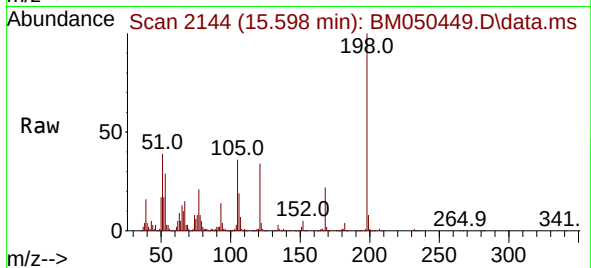




#65
4,6-Dinitro-2-methylphenol
Concen: 46.698 ng
RT: 15.598 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

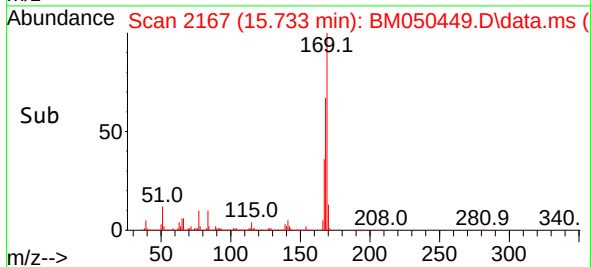
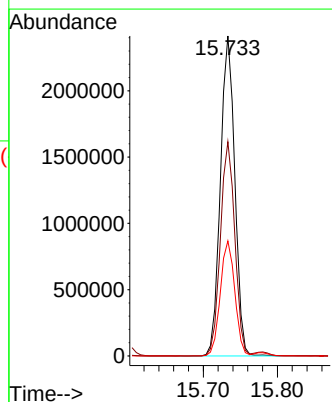
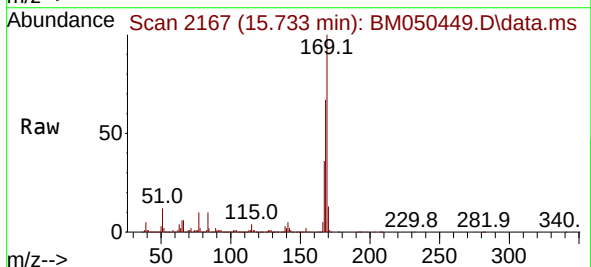
Instrument :
BNA_M
ClientSampleId :
PB168845BS

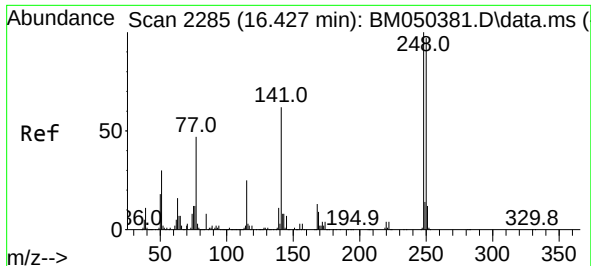
Tgt Ion:198 Resp: 572349
Ion Ratio Lower Upper
198 100
51 39.1 26.6 66.6
105 35.5 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 45.464 ng
RT: 15.733 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:169 Resp: 3256403
Ion Ratio Lower Upper
169 100
168 67.0 53.2 79.8
167 36.0 28.7 43.1

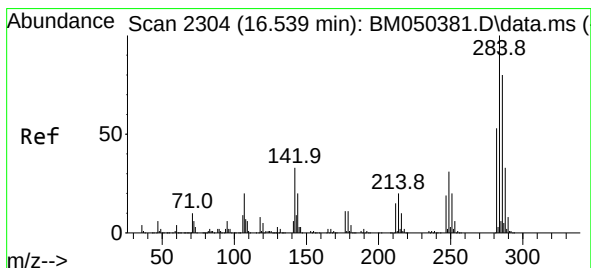
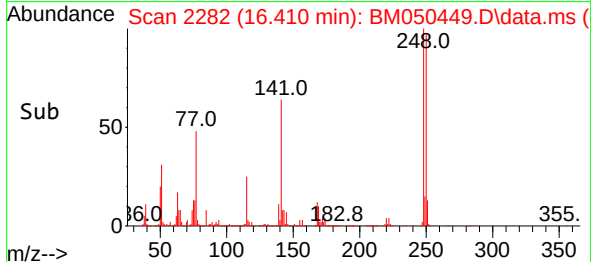
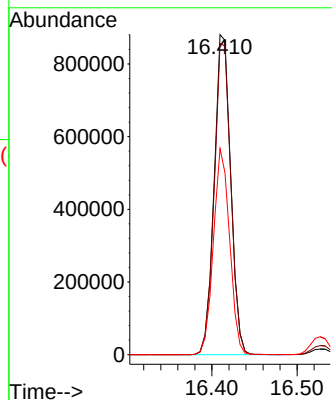
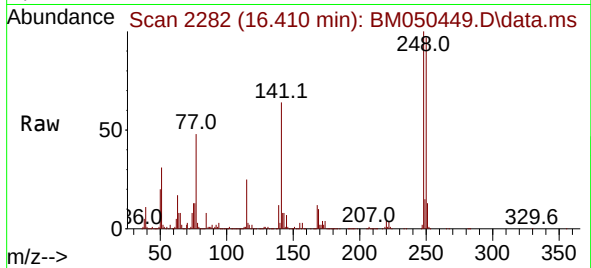




#67
4-Bromophenyl-phenylether
Concen: 47.177 ng
RT: 16.410 min Scan# 211
Delta R.T. -0.018 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

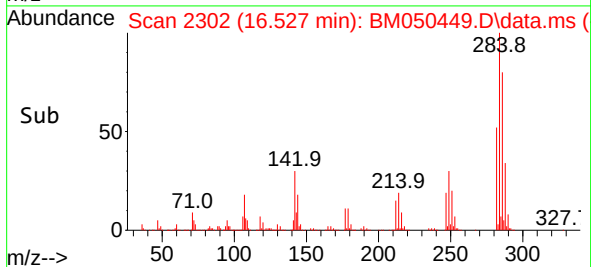
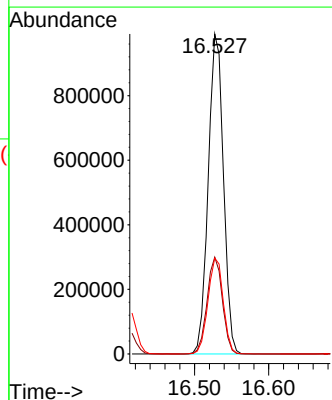
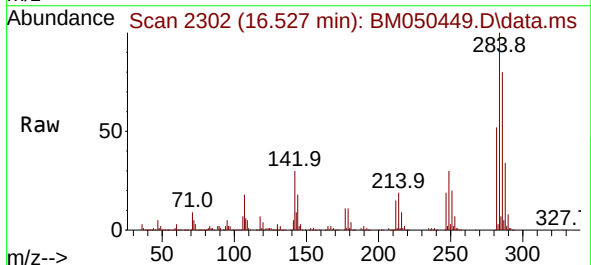
Instrument :
BNA_M
ClientSampleId :
PB168845BS

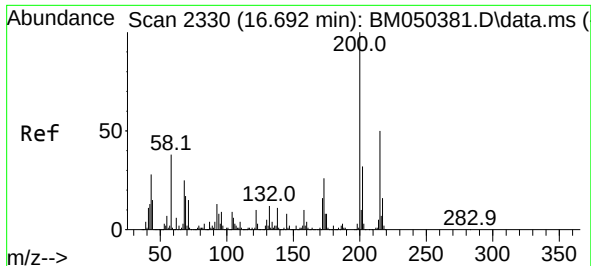
Tgt Ion:248 Resp: 1189767
Ion Ratio Lower Upper
248 100
250 97.3 77.9 116.9
141 64.4 49.7 74.5



#68
Hexachlorobenzene
Concen: 47.366 ng
RT: 16.527 min Scan# 2302
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:284 Resp: 1410842
Ion Ratio Lower Upper
284 100
142 30.3 26.8 40.2
249 30.0 24.5 36.7

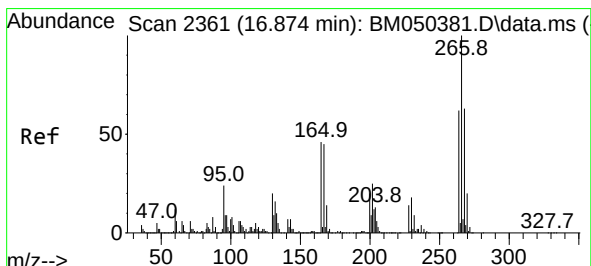
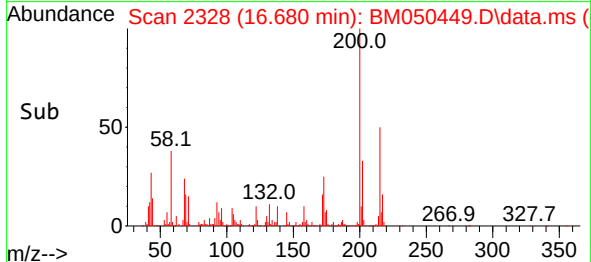
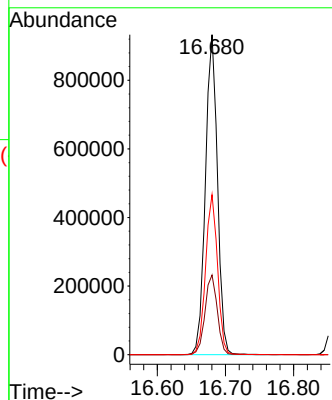
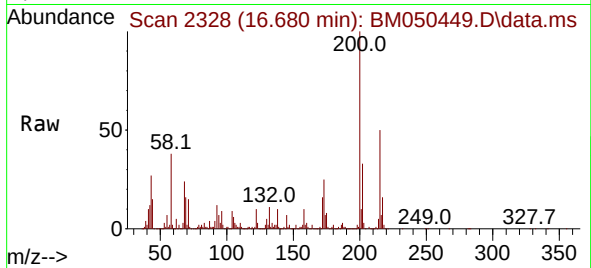




#69
 Atrazine
 Concen: 48.671 ng
 RT: 16.680 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM050449.D
 Acq: 15 Jul 2025 10:50

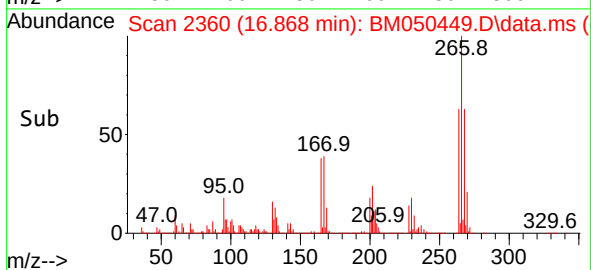
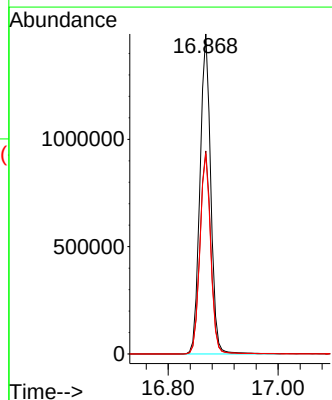
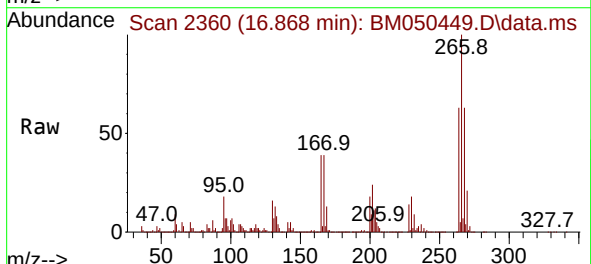
Instrument :
 BNA_M
 ClientSampleId :
 PB168845BS

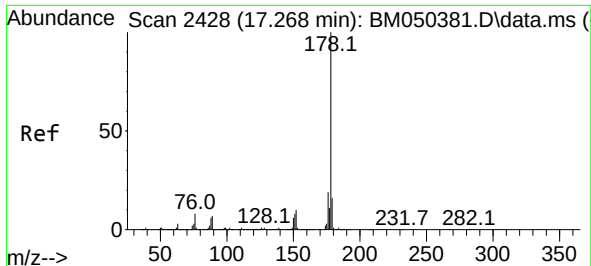
Tgt Ion:200 Resp: 1144720
 Ion Ratio Lower Upper
 200 100
 173 24.9 5.6 45.6
 215 50.0 29.6 69.6



#70
 Pentachlorophenol
 Concen: 109.592 ng
 RT: 16.868 min Scan# 2360
 Delta R.T. -0.006 min
 Lab File: BM050449.D
 Acq: 15 Jul 2025 10:50

Tgt Ion:266 Resp: 2032081
 Ion Ratio Lower Upper
 266 100
 268 63.5 50.5 75.7
 264 62.6 49.9 74.9

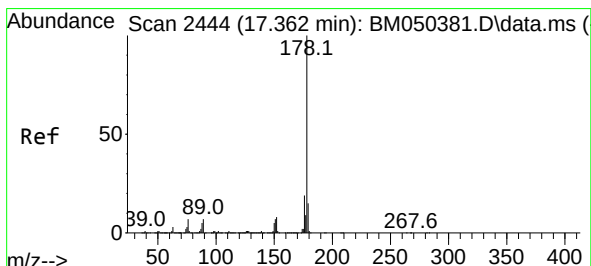
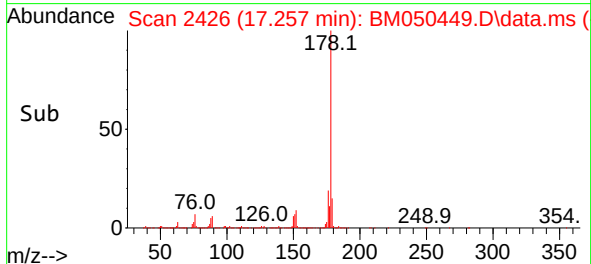
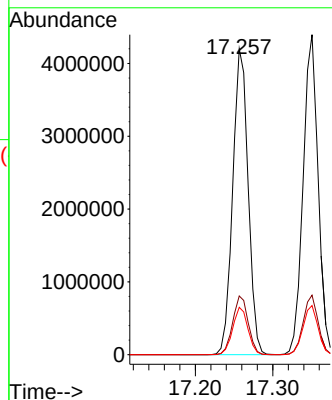
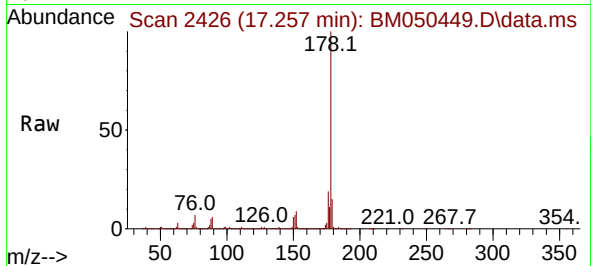




#71
Phenanthrene
Concen: 44.944 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

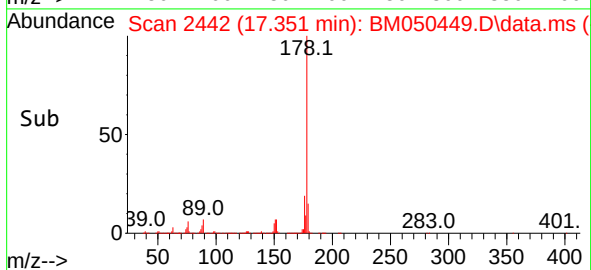
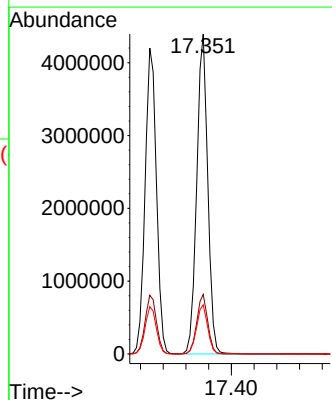
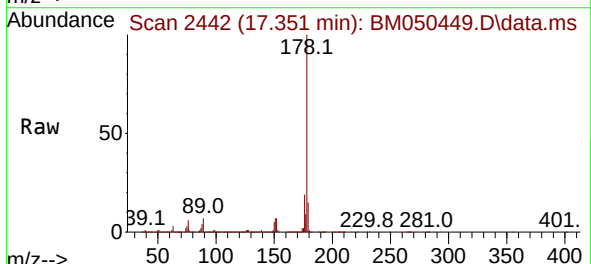
Instrument :
BNA_M
ClientSampleId :
PB168845BS

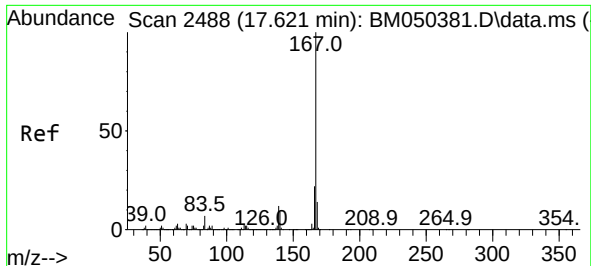
Tgt Ion:178 Resp: 5821338
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.5 12.5 18.7



#72
Anthracene
Concen: 45.996 ng
RT: 17.351 min Scan# 2442
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:178 Resp: 5930269
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.4 12.2 18.4

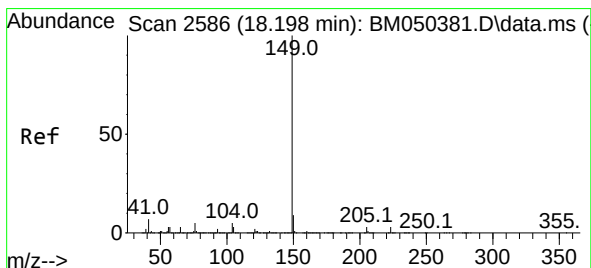
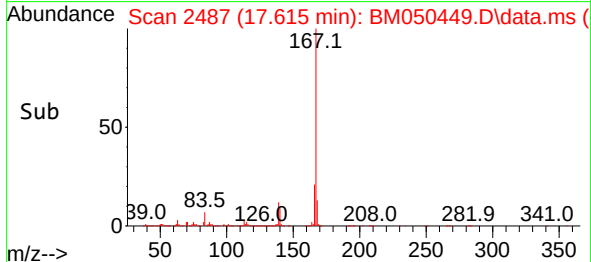
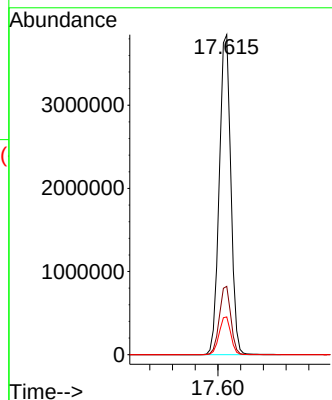
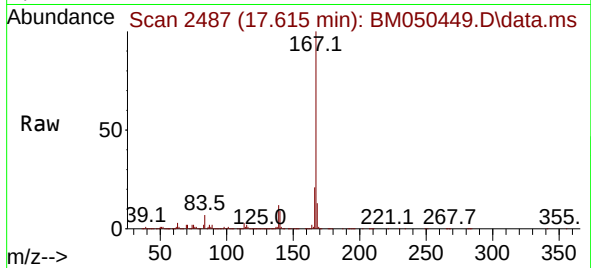




#73
Carbazole
Concen: 46.556 ng
RT: 17.615 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

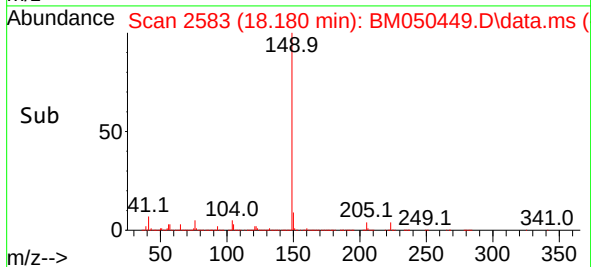
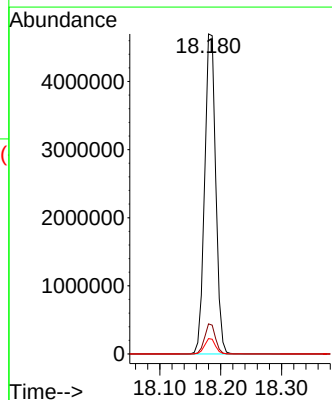
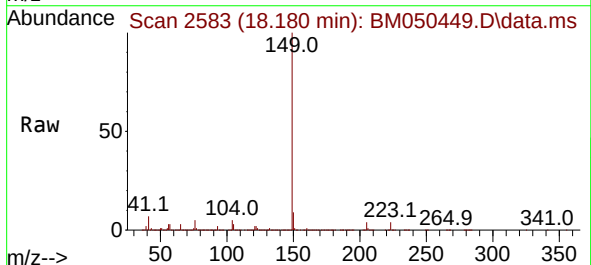
Instrument :
BNA_M
ClientSampleId :
PB168845BS

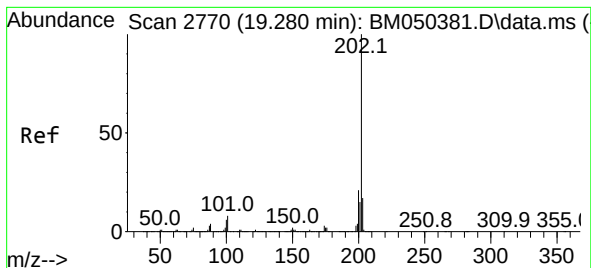
Tgt Ion:167 Resp: 5431099
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 11.8 9.9 14.9



#74
Di-n-butylphthalate
Concen: 46.409 ng
RT: 18.180 min Scan# 2583
Delta R.T. -0.018 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:149 Resp: 5925871
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 4.8 3.9 5.9





#75

Fluoranthene

Concen: 48.016 ng

RT: 19.262 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM050449.D

Acq: 15 Jul 2025 10:50

Instrument :

BNA_M

ClientSampleId :

PB168845BS

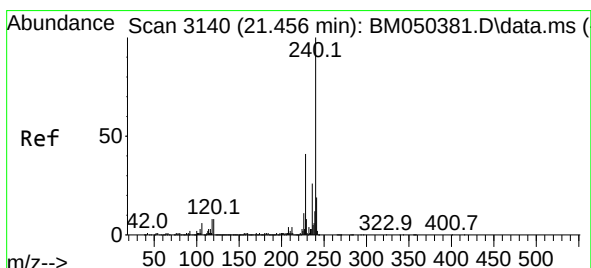
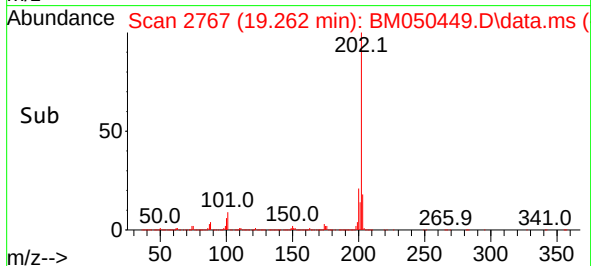
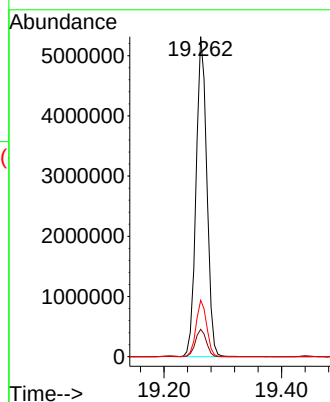
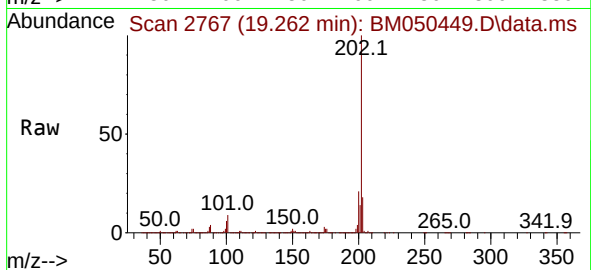
Tgt Ion:202 Resp: 6761057

Ion Ratio Lower Upper

202 100

101 8.6 0.0 28.3

203 17.6 0.0 37.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 3137

Delta R.T. -0.018 min

Lab File: BM050449.D

Acq: 15 Jul 2025 10:50

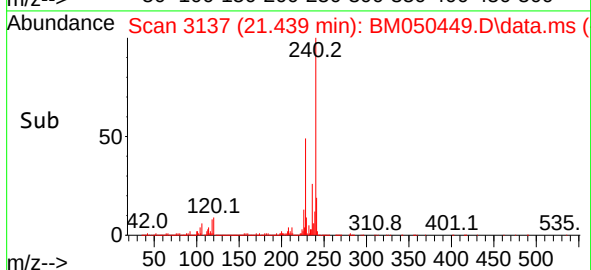
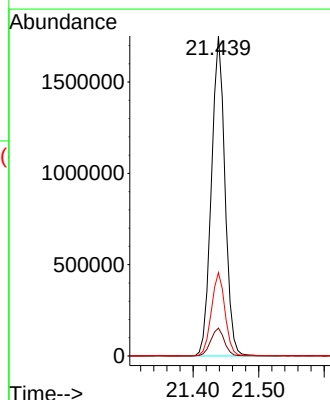
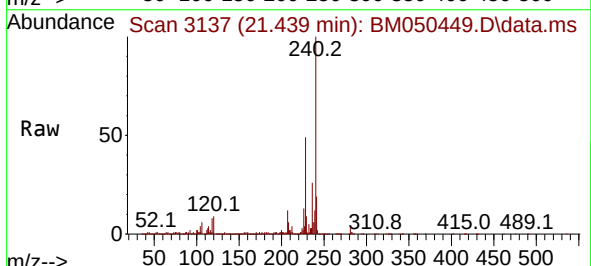
Tgt Ion:240 Resp: 2517966

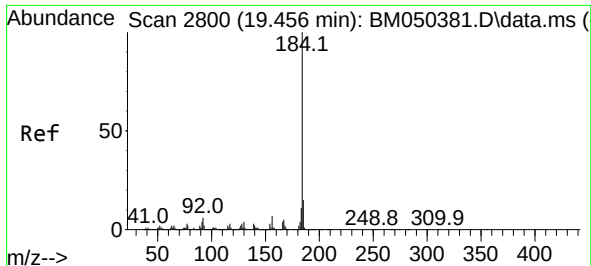
Ion Ratio Lower Upper

240 100

120 8.7 6.7 10.1

236 26.1 20.7 31.1

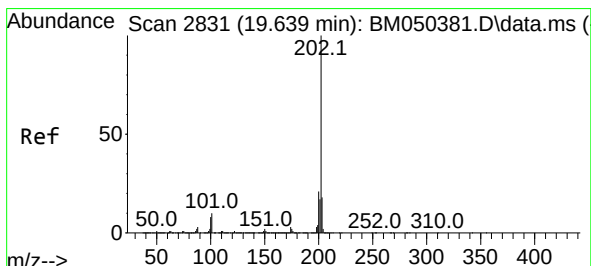
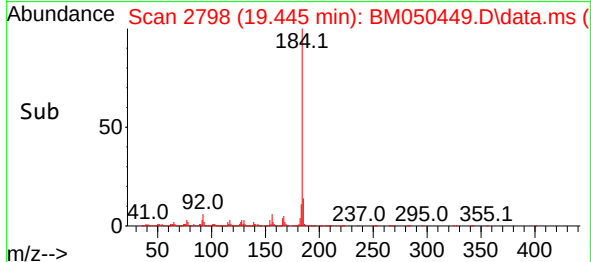
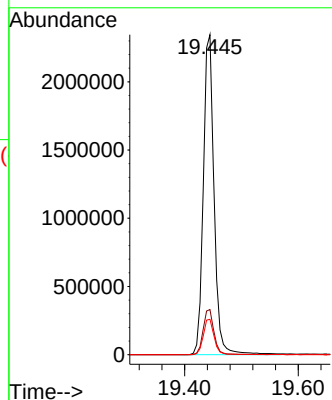
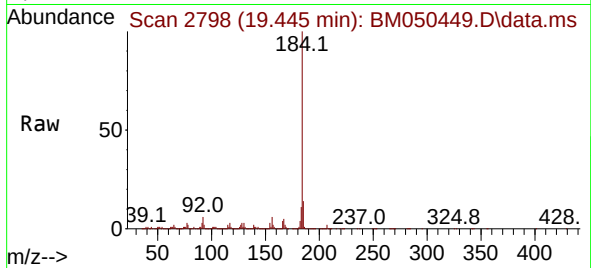




#77
Benzidine
Concen: 47.877 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

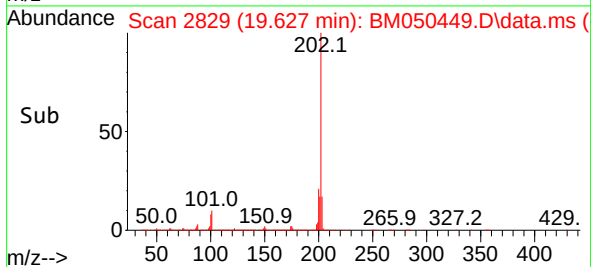
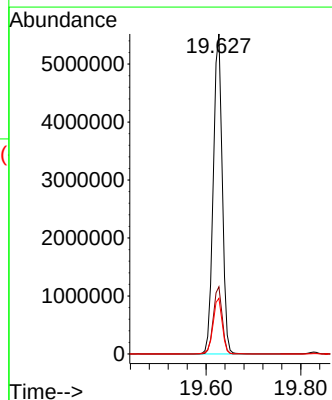
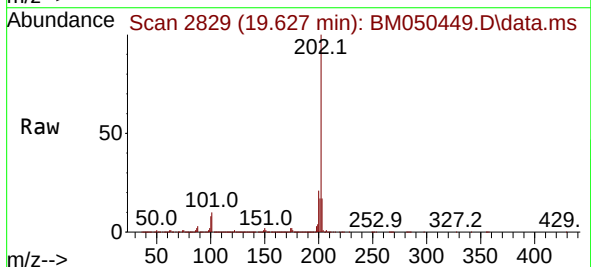
Instrument :
BNA_M
ClientSampleId :
PB168845BS

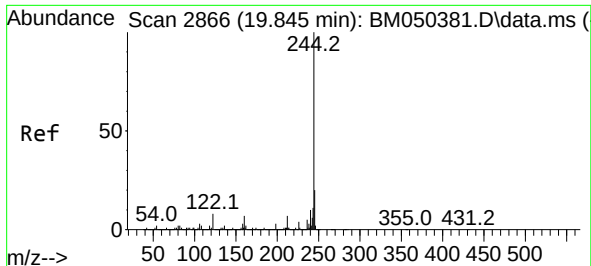
Tgt Ion:184 Resp: 3074845
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 11.1 9.0 13.6



#78
Pyrene
Concen: 44.888 ng
RT: 19.627 min Scan# 2829
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:202 Resp: 7238761
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.4 14.1 21.1

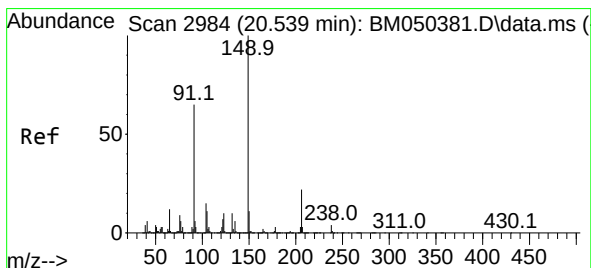
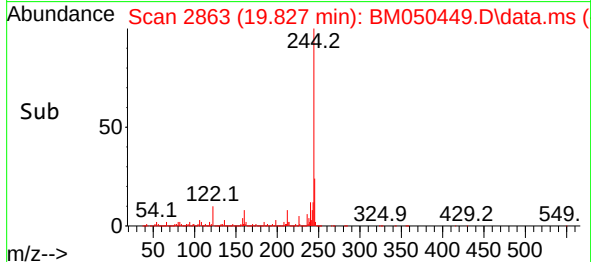
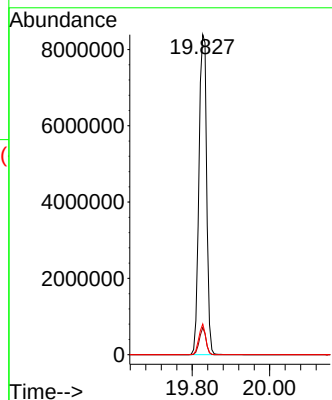
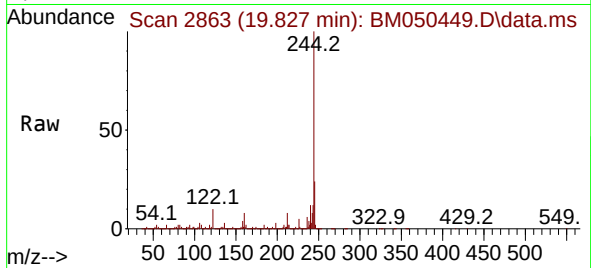




#79
 Terphenyl-d14
 Concen: 80.252 ng
 RT: 19.827 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM050449.D
 Acq: 15 Jul 2025 10:50

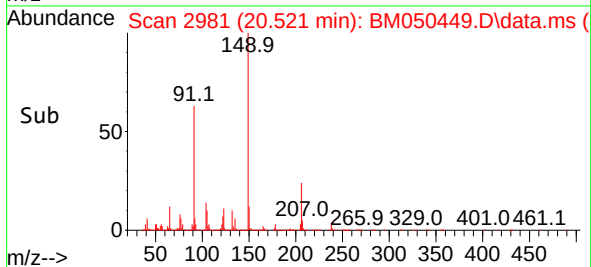
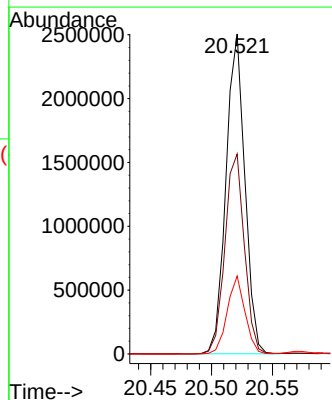
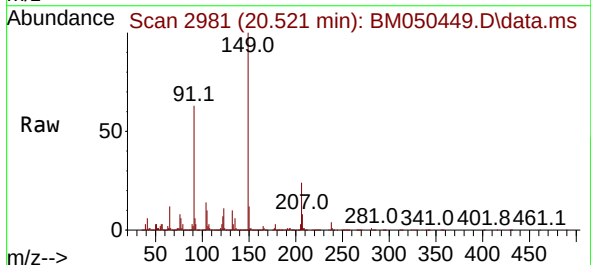
Instrument :
 BNA_M
 ClientSampleId :
 PB168845BS

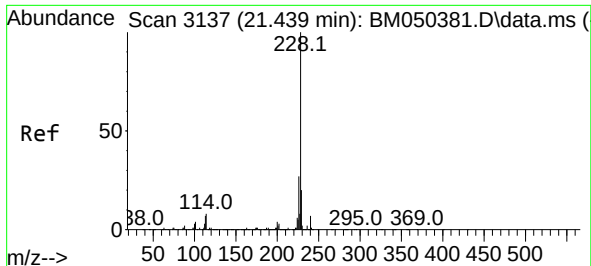
Tgt Ion:244 Resp:11484944
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.7 8.5
 122 9.6 6.2 9.2#



#80
 Butylbenzylphthalate
 Concen: 50.845 ng
 RT: 20.521 min Scan# 2981
 Delta R.T. -0.018 min
 Lab File: BM050449.D
 Acq: 15 Jul 2025 10:50

Tgt Ion:149 Resp: 2703626
 Ion Ratio Lower Upper
 149 100
 91 62.5 51.6 77.4
 206 24.4 17.8 26.8

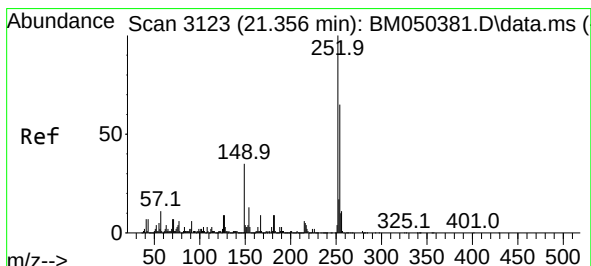
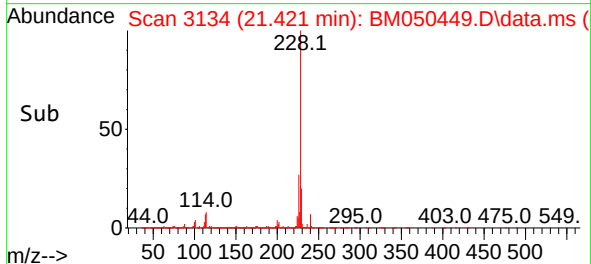
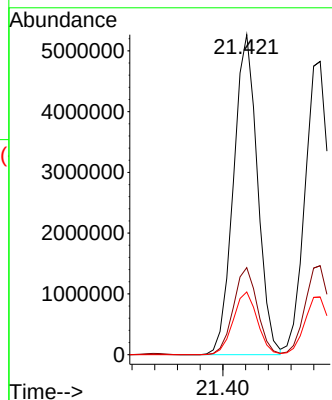
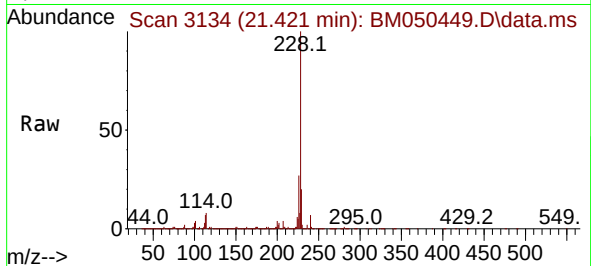




#81
Benzo(a)anthracene
Concen: 47.072 ng
RT: 21.421 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

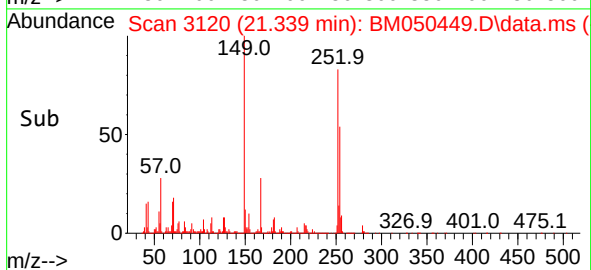
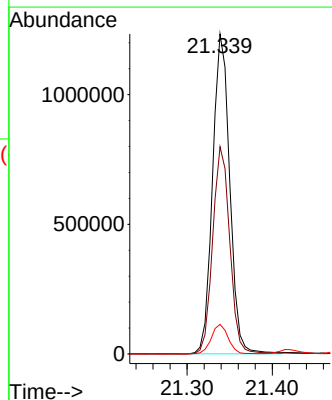
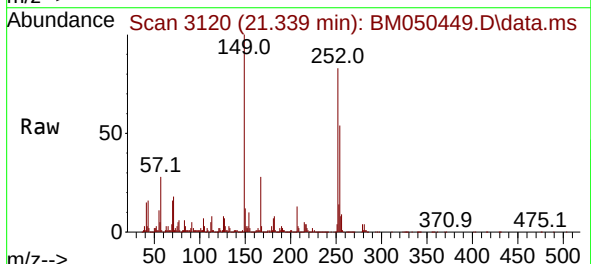
Instrument :
BNA_M
ClientSampleId :
PB168845BS

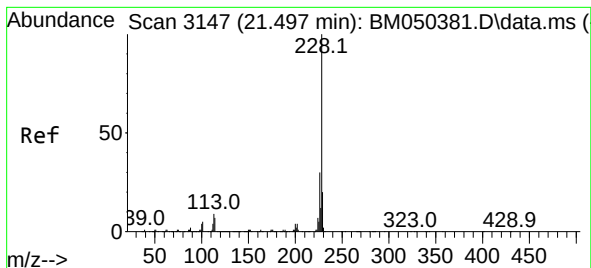
Tgt Ion:228 Resp: 7722828
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.6 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 31.137 ng
RT: 21.339 min Scan# 3120
Delta R.T. -0.018 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:252 Resp: 1722732
Ion Ratio Lower Upper
252 100
254 64.8 51.7 77.5
126 9.3 7.3 10.9





#83

Chrysene

Concen: 46.570 ng

RT: 21.486 min Scan# 3145

Delta R.T. -0.012 min

Lab File: BM050449.D

Acq: 15 Jul 2025 10:50

Instrument :

BNA_M

ClientSampleId :

PB168845BS

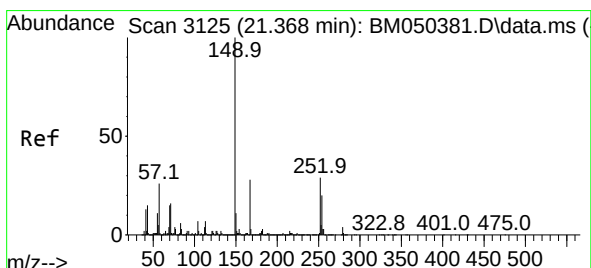
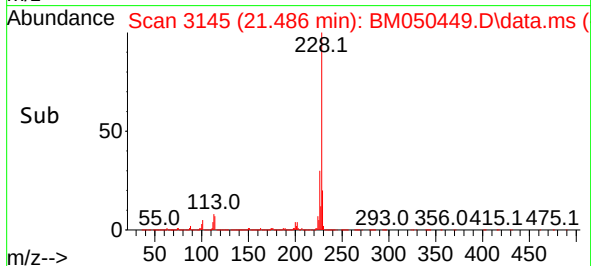
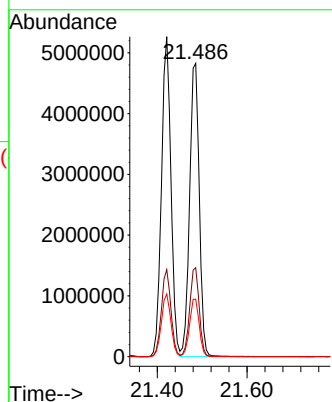
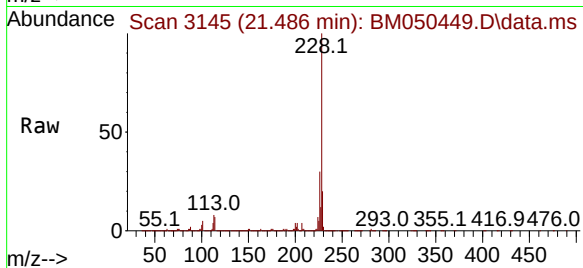
Tgt Ion:228 Resp: 7206519

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.4

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.196 ng

RT: 21.350 min Scan# 3122

Delta R.T. -0.018 min

Lab File: BM050449.D

Acq: 15 Jul 2025 10:50

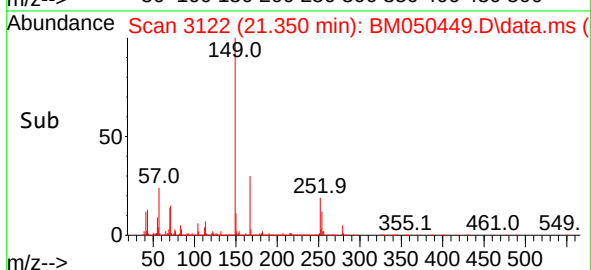
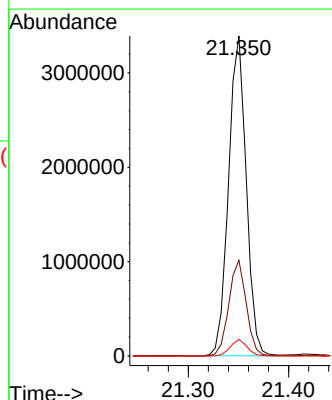
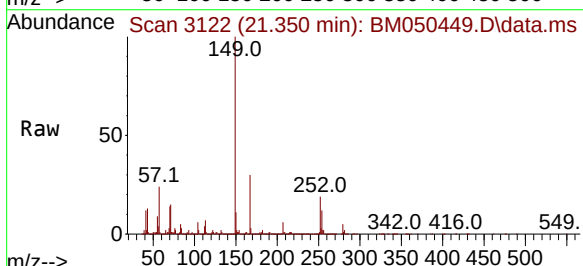
Tgt Ion:149 Resp: 4152743

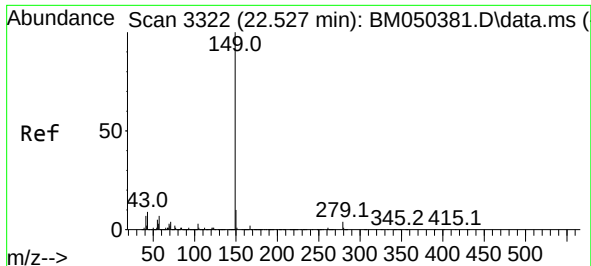
Ion Ratio Lower Upper

149 100

167 29.9 22.7 34.1

279 5.1 3.5 5.3

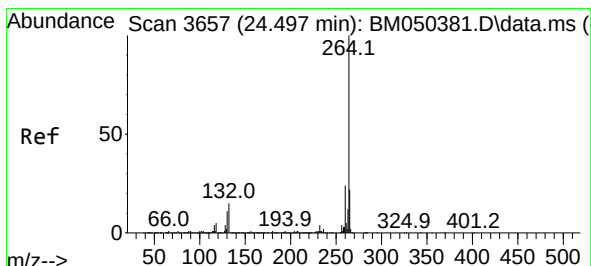
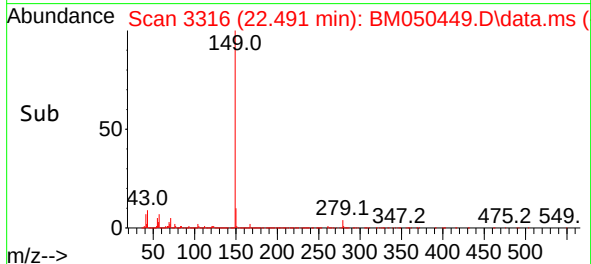
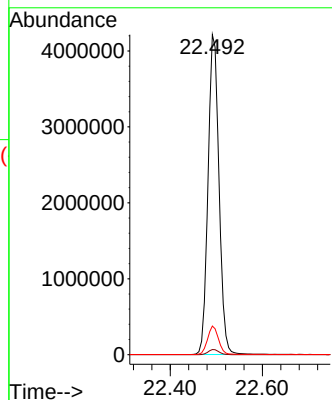
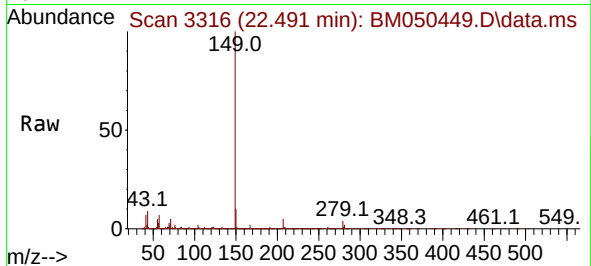




#85
Di-n-octyl phthalate
Concen: 52.997 ng
RT: 22.491 min Scan# 31
Delta R.T. -0.035 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

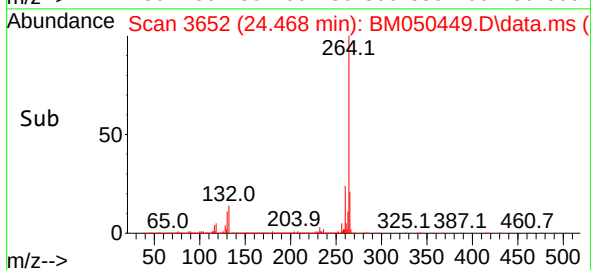
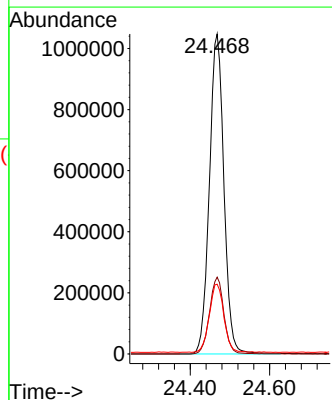
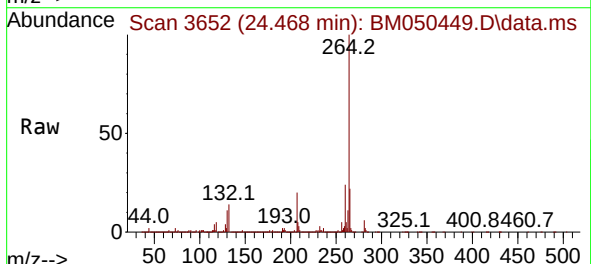
Instrument :
BNA_M
ClientSampleId :
PB168845BS

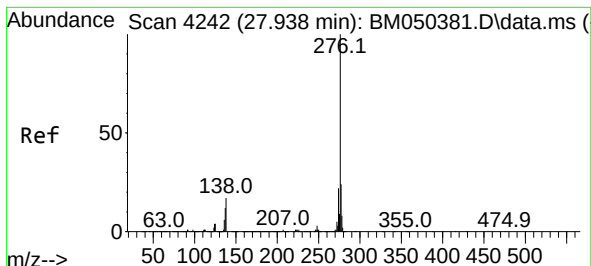
Tgt Ion:149 Resp: 7006614
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.9 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.468 min Scan# 3652
Delta R.T. -0.029 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:264 Resp: 2659539
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.8 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.840 ng

RT: 27.891 min Scan# 41

Delta R.T. -0.047 min

Lab File: BM050449.D

Acq: 15 Jul 2025 10:50

Instrument :

BNA_M

ClientSampleId :

PB168845BS

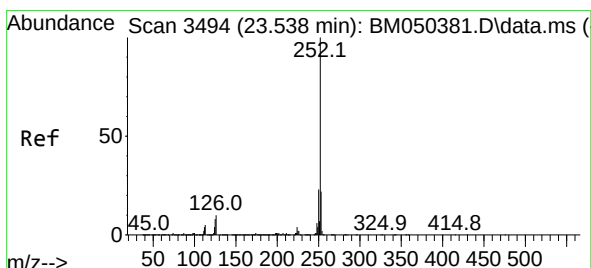
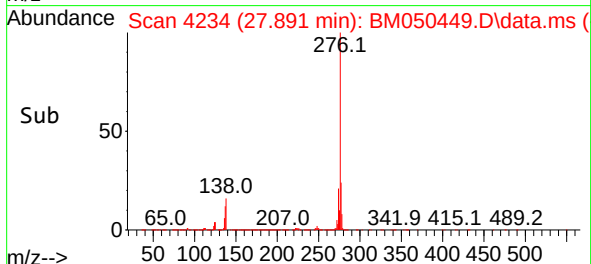
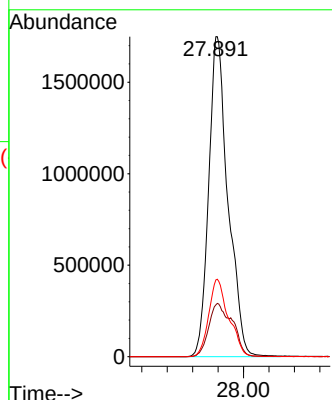
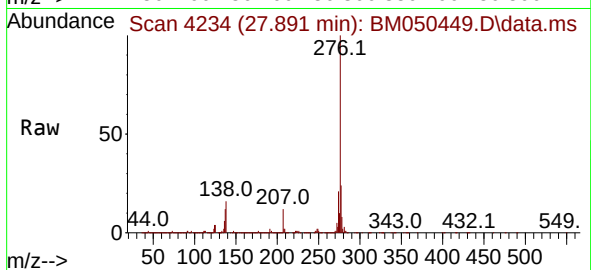
Tgt Ion:276 Resp: 9235265

Ion Ratio Lower Upper

276 100

138 20.4 17.0 25.6

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 47.670 ng

RT: 23.509 min Scan# 3489

Delta R.T. -0.029 min

Lab File: BM050449.D

Acq: 15 Jul 2025 10:50

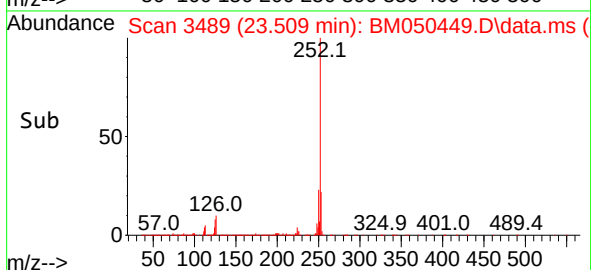
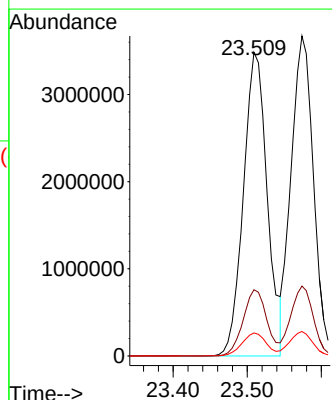
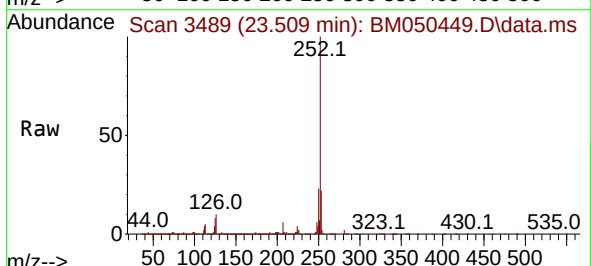
Tgt Ion:252 Resp: 7798254

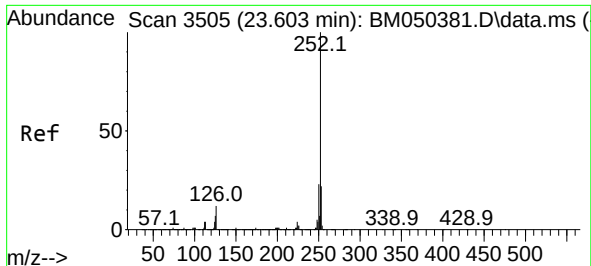
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 7.6 6.3 9.5

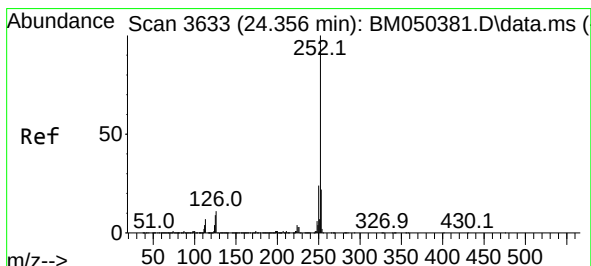
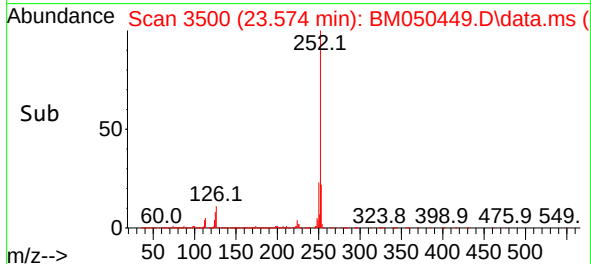
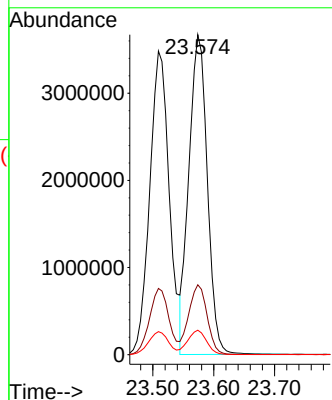
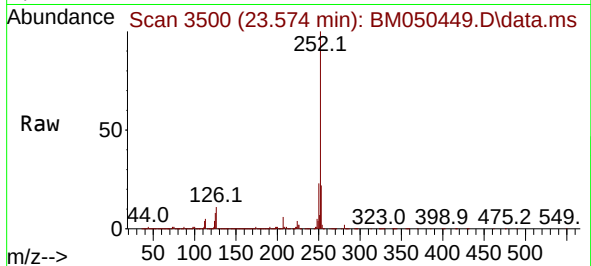




#89
Benzo(k)fluoranthene
Concen: 45.291 ng
RT: 23.574 min Scan# 31
Delta R.T. -0.029 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

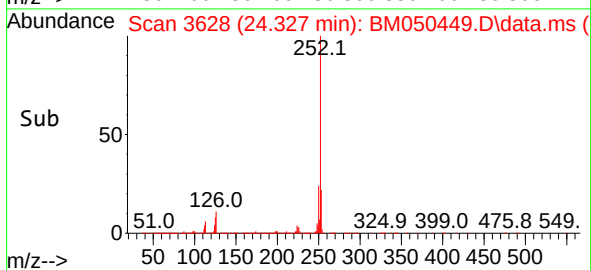
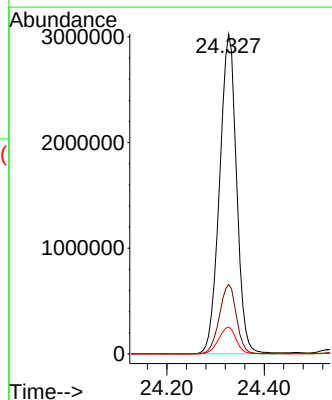
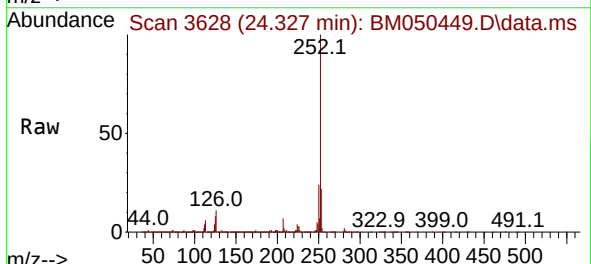
Instrument :
BNA_M
ClientSampleId :
PB168845BS

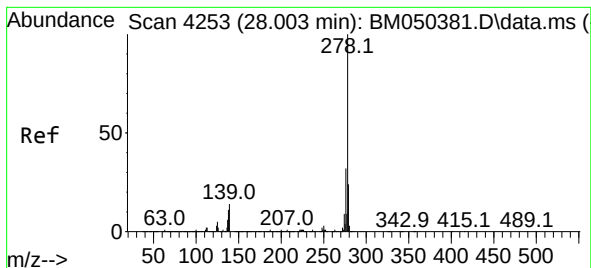
Tgt Ion:252 Resp: 7687934
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 7.7 6.2 9.2



#90
Benzo(a)pyrene
Concen: 47.998 ng
RT: 24.327 min Scan# 3628
Delta R.T. -0.029 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:252 Resp: 7350144
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 8.4 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 48.240 ng

RT: 27.956 min Scan# 4116

Delta R.T. -0.047 min

Lab File: BM050449.D

Acq: 15 Jul 2025 10:50

Instrument :

BNA_M

ClientSampleId :

PB168845BS

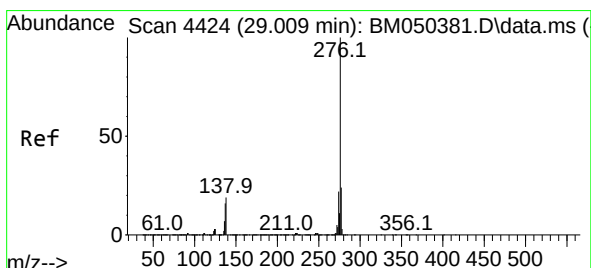
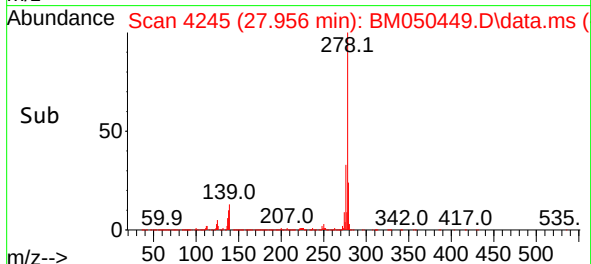
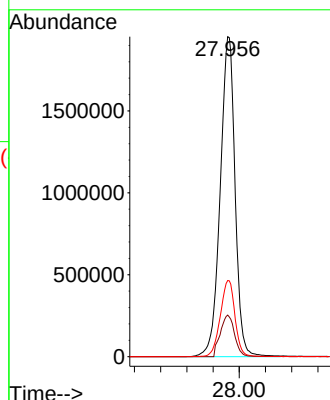
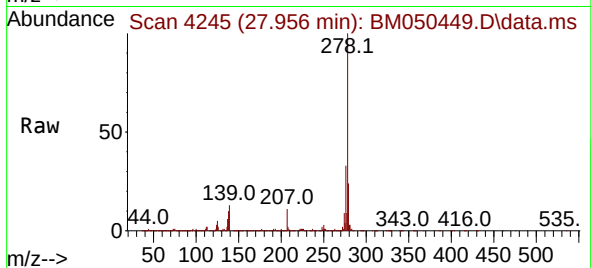
Tgt Ion:278 Resp: 7682077

Ion Ratio Lower Upper

278 100

139 13.0 10.8 16.2

279 23.8 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 48.817 ng

RT: 28.962 min Scan# 4416

Delta R.T. -0.047 min

Lab File: BM050449.D

Acq: 15 Jul 2025 10:50

Tgt Ion:276 Resp: 7347259

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 17.4 14.9 22.3

