

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072225\
 Data File : BM050482.D
 Acq On : 22 Jul 2025 12:08
 Operator : RC/JU
 Sample : PB168929BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 22 12:46:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 16:20:15 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	541257	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	2050416	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	1344342	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	2665592	20.000	ng	0.00
76) Chrysene-d12	21.427	240	2872689	20.000	ng	0.00
86) Perylene-d12	24.450	264	3026096	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	3962187	126.006	ng	0.00
7) Phenol-d6	7.010	99	5047458	127.336	ng	0.00
23) Nitrobenzene-d5	8.998	82	2992006	74.447	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	2353850	144.108	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	7939734	72.936	ng	0.00
79) Terphenyl-d14	19.815	244	11850956	72.584	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	447244	34.590	ng	100
3) Pyridine	3.716	79	1261766	37.170	ng	99
4) n-Nitrosodimethylamine	3.622	42	628305	39.703	ng	95
6) Aniline	7.169	93	1609896	31.647	ng	100
8) 2-Chlorophenol	7.410	128	1539833	46.441	ng	98
9) Benzaldehyde	6.981	77	888745	37.691	ng	99
10) Phenol	7.039	94	1912032	46.247	ng	98
11) bis(2-Chloroethyl)ether	7.263	93	1391930	42.039	ng	100
12) 1,3-Dichlorobenzene	7.734	146	1678116	41.623	ng	98
13) 1,4-Dichlorobenzene	7.881	146	1709719	41.531	ng	100
14) 1,2-Dichlorobenzene	8.198	146	1651445	41.901	ng	99
15) Benzyl Alcohol	8.081	79	1259264	45.088	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.369	45	2018375	41.385	ng	99
17) 2-Methylphenol	8.286	107	1234551	46.040	ng	99
18) Hexachloroethane	8.928	117	601604	41.552	ng	98
19) n-Nitroso-di-n-propyla...	8.651	70	1051146	43.774	ng	97
20) 3+4-Methylphenols	8.610	107	1677236	46.594	ng	99
22) Acetophenone	8.663	105	2151549	41.969	ng	# 97
24) Nitrobenzene	9.039	77	1544025	43.052	ng	99
25) Isophorone	9.569	82	2828118	43.366	ng	99
26) 2-Nitrophenol	9.751	139	766784	52.460	ng	96
27) 2,4-Dimethylphenol	9.816	122	1436097	46.173	ng	97
28) bis(2-Chloroethoxy)met...	10.045	93	1879590	43.495	ng	100
29) 2,4-Dichlorophenol	10.286	162	1528643	47.839	ng	98
30) 1,2,4-Trichlorobenzene	10.504	180	1640483	42.916	ng	99
31) Naphthalene	10.692	128	4438226	42.615	ng	100
32) Benzoic acid	9.945	122	933895	48.803	ng	96
33) 4-Chloroaniline	10.792	127	967281	21.969	ng	99
34) Hexachlorobutadiene	10.980	225	983215	42.143	ng	99
35) Caprolactam	11.574	113	284927	32.664	ng	97
36) 4-Chloro-3-methylphenol	11.916	107	1442231	48.334	ng	98
37) 2-Methylnaphthalene	12.298	142	2950756	44.873	ng	98
38) 1-Methylnaphthalene	12.516	142	3085515	44.337	ng	99
40) 1,2,4,5-Tetrachloroben...	12.669	216	1909939	44.676	ng	100
41) Hexachlorocyclopentadiene	12.657	237	2549346	93.290	ng	99
43) 2,4,6-Trichlorophenol	12.904	196	1290292	49.032	ng	97

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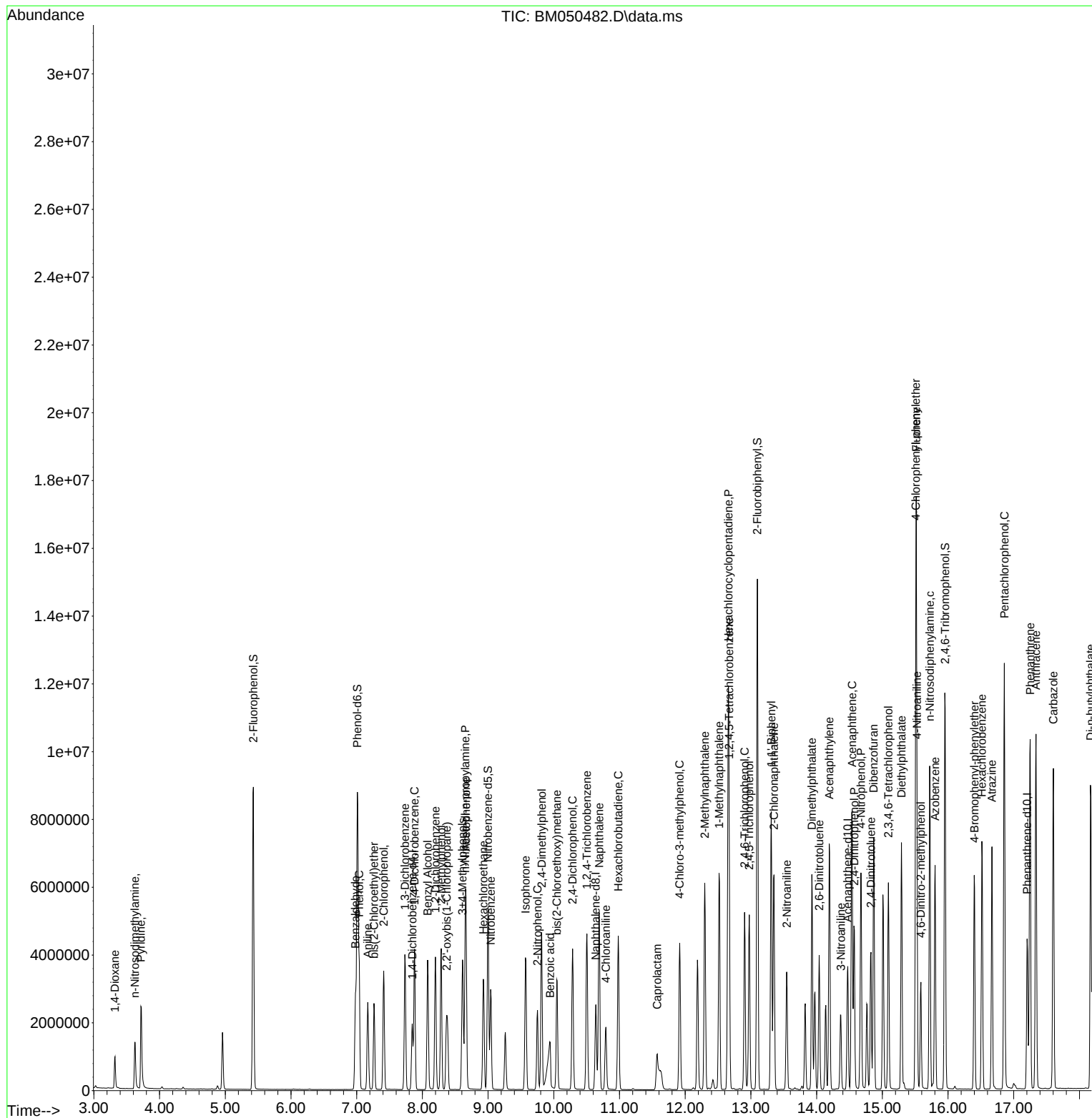
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	1417682	49.329	ng	97
46) 1,1'-Biphenyl	13.310	154	4337825	43.491	ng	100
47) 2-Chloronaphthalene	13.351	162	3392904	42.665	ng	99
48) 2-Nitroaniline	13.545	65	883658	49.782	ng	96
49) Acenaphthylene	14.192	152	5356853	44.572	ng	99
50) Dimethylphthalate	13.927	163	4144609	44.780	ng	100
51) 2,6-Dinitrotoluene	14.039	165	885364	49.821	ng	97
52) Acenaphthene	14.539	154	3280712	42.937	ng	99
53) 3-Nitroaniline	14.368	138	582189	30.805	ng	98
54) 2,4-Dinitrophenol	14.574	184	1113316	110.848	ng	# 80
55) Dibenzofuran	14.868	168	5119385	43.484	ng	100
56) 4-Nitrophenol	14.674	139	1679738	103.353	ng	94
57) 2,4-Dinitrotoluene	14.827	165	1263370	47.519	ng	94
58) Fluorene	15.515	166	4296582	44.308	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	1228348	50.773	ng	96
60) Diethylphthalate	15.292	149	4017176	45.437	ng	100
61) 4-Chlorophenyl-phenyle...	15.510	204	2265529	44.680	ng	99
62) 4-Nitroaniline	15.527	138	939307	43.489	ng	99
63) Azobenzene	15.804	77	3560760	43.861	ng	98
65) 4,6-Dinitro-2-methylph...	15.586	198	723403	50.146	ng	92
66) n-Nitrosodiphenylamine	15.721	169	3703857	44.405	ng	100
67) 4-Bromophenyl-phenylether	16.404	248	1346801	45.858	ng	98
68) Hexachlorobenzene	16.515	284	1589638	45.829	ng	97
69) Atrazine	16.668	200	1316303	48.059	ng	99
70) Pentachlorophenol	16.857	266	2238621	103.674	ng	97
71) Phenanthrene	17.251	178	6621207	43.897	ng	99
72) Anthracene	17.339	178	6697664	44.609	ng	100
73) Carbazole	17.604	167	6200693	45.644	ng	99
74) Di-n-butylphthalate	18.168	149	6725718	45.232	ng	100
75) Fluoranthene	19.256	202	7713352	47.040	ng	99
77) Benzidine	19.433	184	3685295	50.296	ng	100
78) Pyrene	19.615	202	8160875	44.357	ng	100
80) Butylbenzylphthalate	20.509	149	3043688	50.172	ng	98
81) Benzo(a)anthracene	21.409	228	8481543	45.313	ng	100
82) 3,3'-Dichlorobenzidine	21.333	252	1787115	28.312	ng	99
83) Chrysene	21.474	228	7868587	44.569	ng	100
84) Bis(2-ethylhexyl)phtha...	21.339	149	4586781	47.628	ng	# 96
85) Di-n-octyl phthalate	22.480	149	7836676	51.956	ng	98
87) Indeno(1,2,3-cd)pyrene	27.873	276	10151221	47.182	ng	99
88) Benzo(b)fluoranthene	23.497	252	8371728	44.977	ng	100
89) Benzo(k)fluoranthene	23.562	252	8504665	44.034	ng	100
90) Benzo(a)pyrene	24.309	252	8030116	46.086	ng	99
91) Dibenzo(a,h)anthracene	27.932	278	8438839	46.573	ng	99
92) Benzo(g,h,i)perylene	28.938	276	8107610	47.343	ng	98

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

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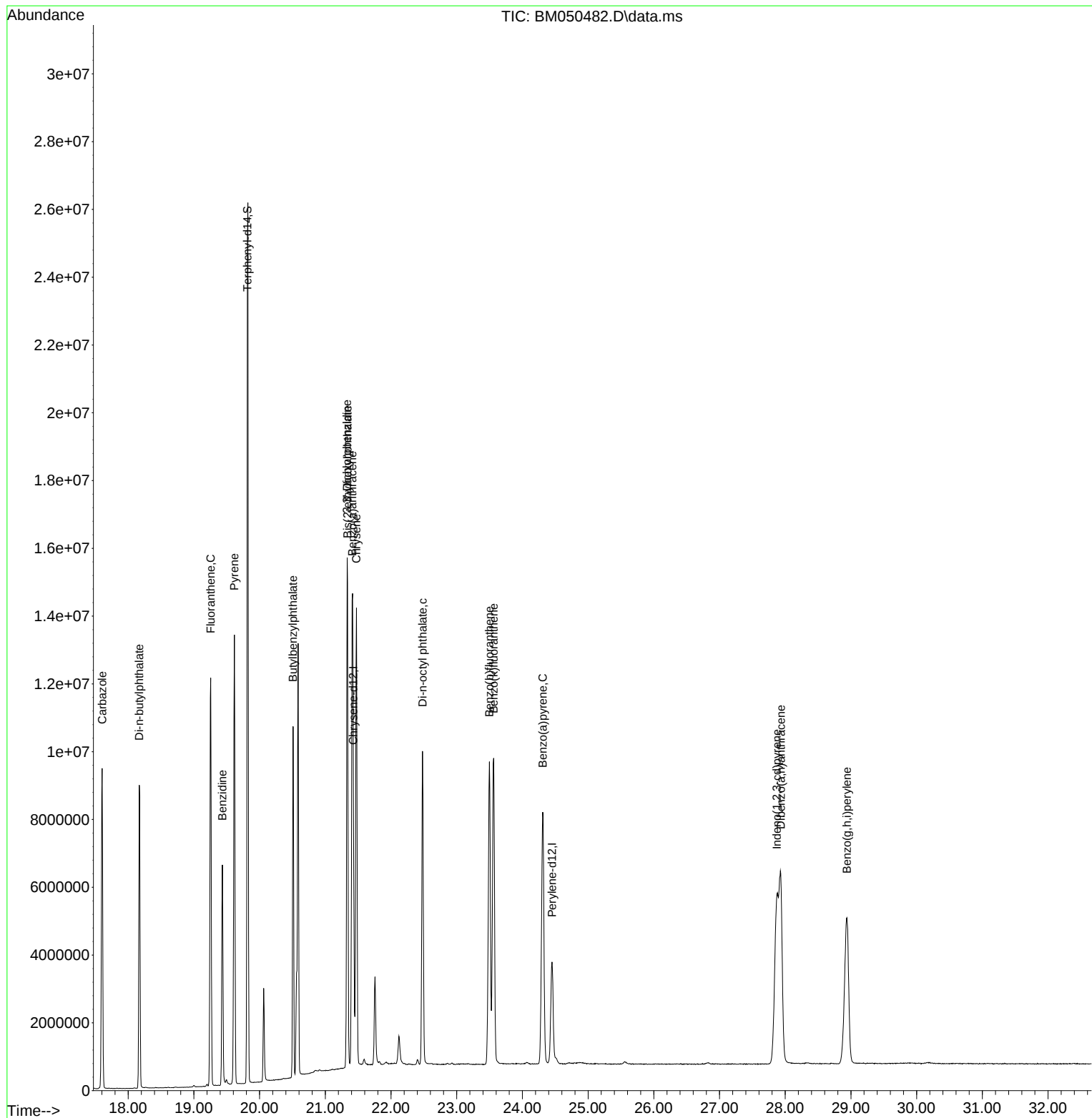
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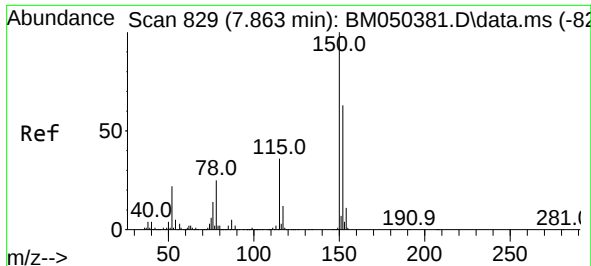


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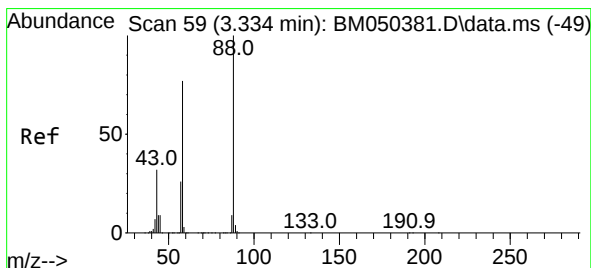
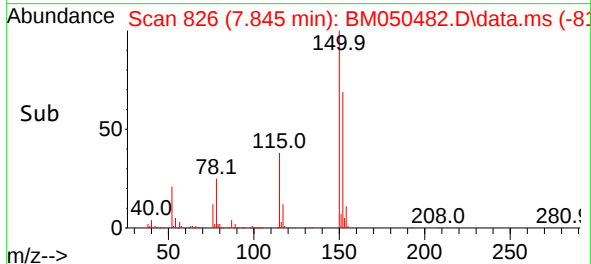
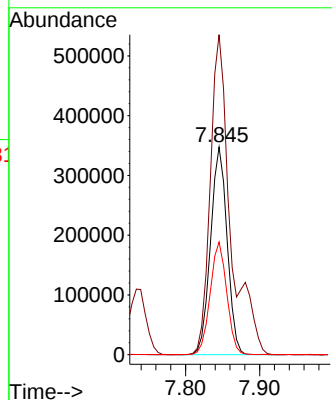
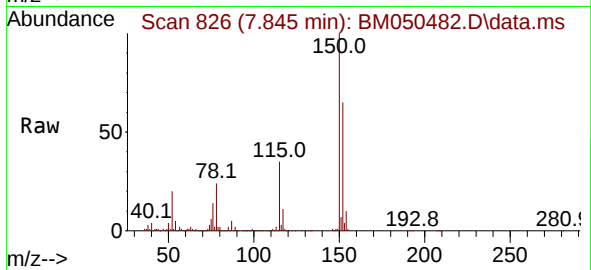




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.845 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM050482.D
 Acq: 22 Jul 2025 12:08

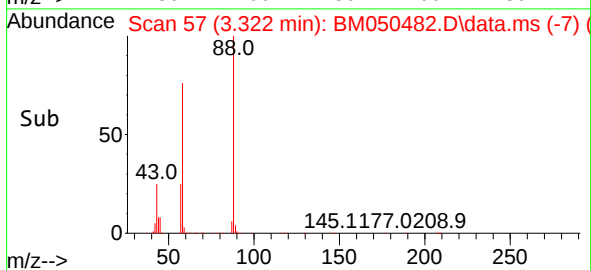
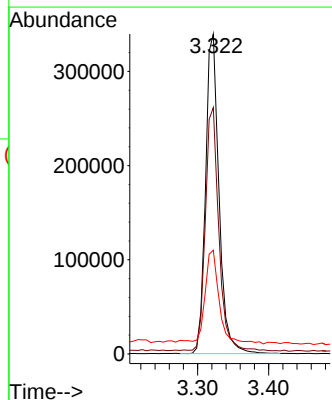
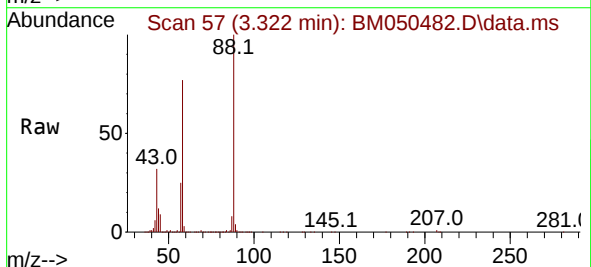
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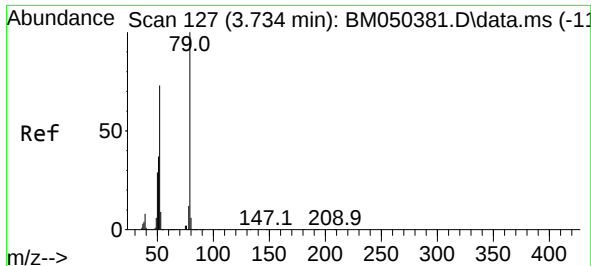
Tgt Ion:152 Resp: 541257
 Ion Ratio Lower Upper
 152 100
 150 154.1 126.2 189.4
 115 54.3 45.8 68.8



#2
 1,4-Dioxane
 Concen: 34.590 ng
 RT: 3.322 min Scan# 57
 Delta R.T. -0.006 min
 Lab File: BM050482.D
 Acq: 22 Jul 2025 12:08

Tgt Ion: 88 Resp: 447244
 Ion Ratio Lower Upper
 88 100
 58 76.6 61.0 91.6
 43 30.8 24.6 37.0

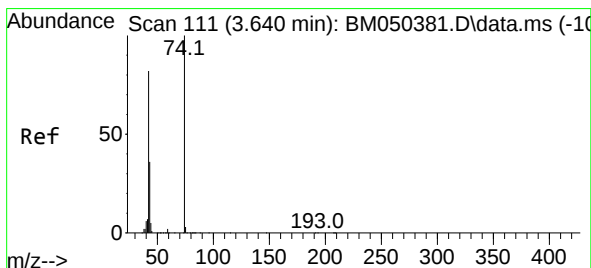
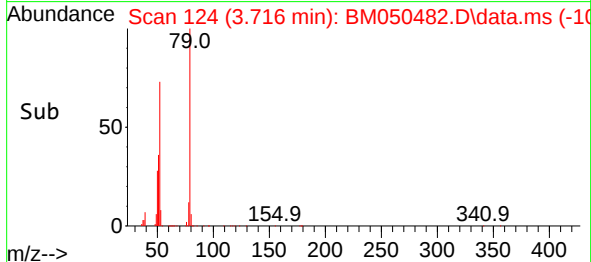
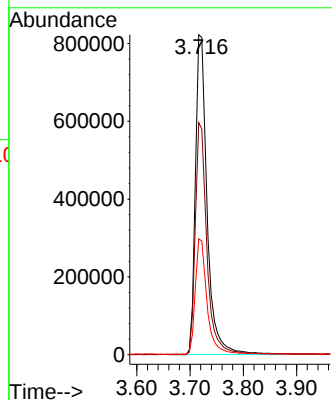
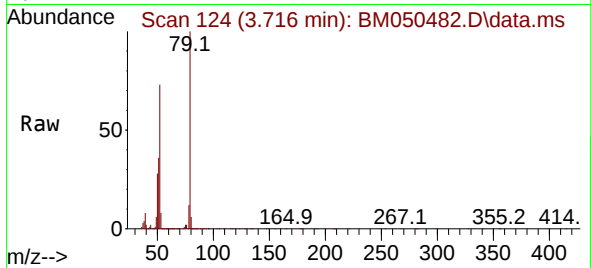




#3
 Pyridine
 Concen: 37.170 ng
 RT: 3.716 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BM050482.D
 Acq: 22 Jul 2025 12:08

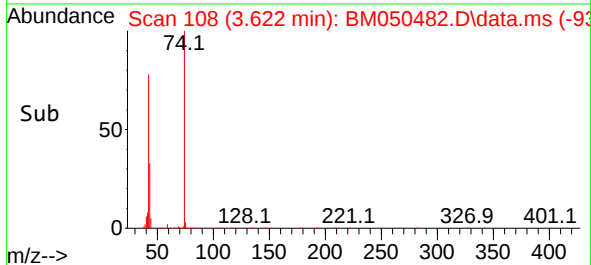
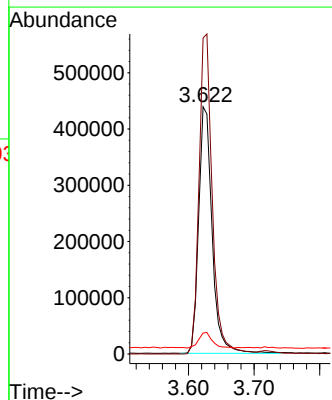
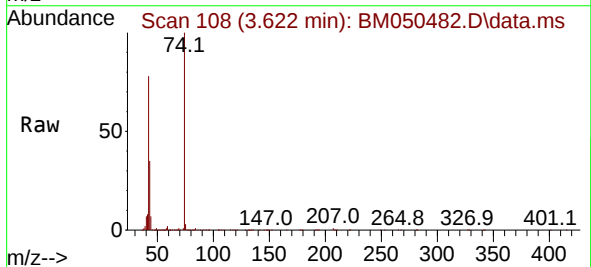
Instrument :
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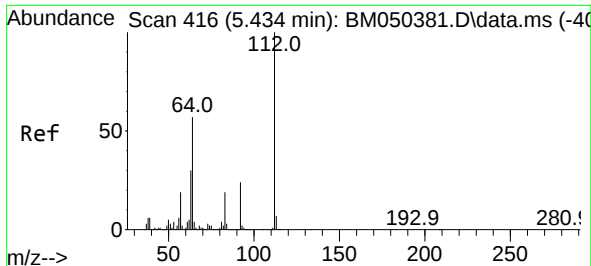
Tgt Ion: 79 Resp: 1261766
 Ion Ratio Lower Upper
 79 100
 52 72.5 58.3 87.5
 51 36.2 29.6 44.4



#4
 n-Nitrosodimethylamine
 Concen: 39.703 ng
 RT: 3.622 min Scan# 108
 Delta R.T. -0.012 min
 Lab File: BM050482.D
 Acq: 22 Jul 2025 12:08

Tgt Ion: 42 Resp: 628305
 Ion Ratio Lower Upper
 42 100
 74 127.8 97.5 146.3
 44 8.5 5.7 8.5

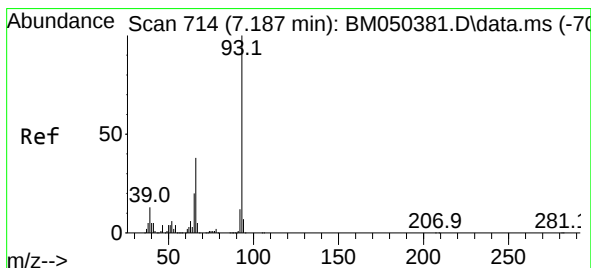
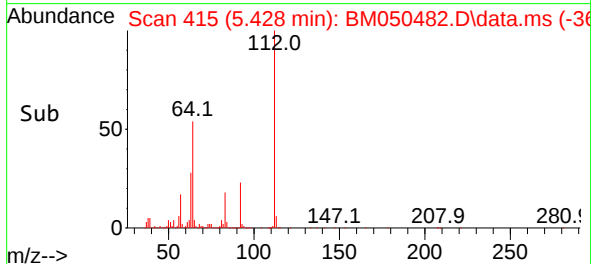
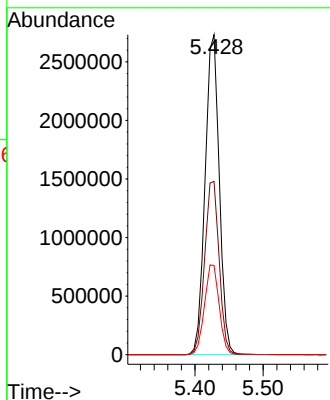
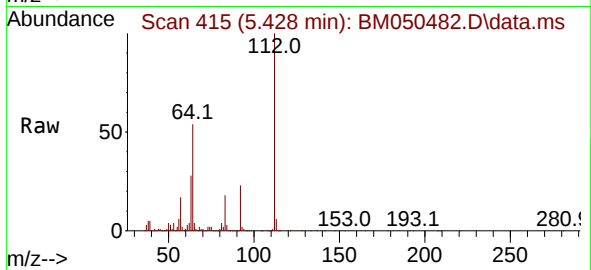




#5
2-Fluorophenol
Concen: 126.006 ng
RT: 5.428 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

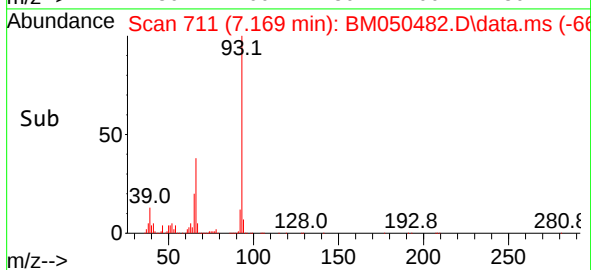
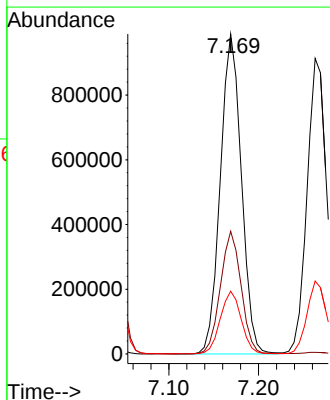
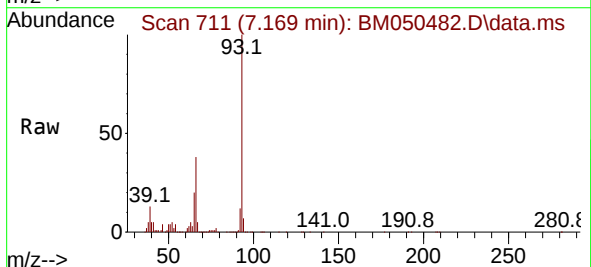
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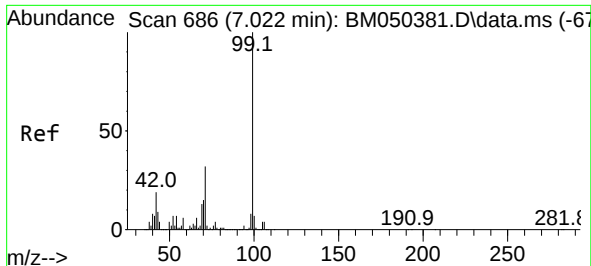
Tgt Ion:112 Resp: 3962187
Ion Ratio Lower Upper
112 100
64 54.2 45.5 68.3
63 27.9 24.2 36.4



#6
Aniline
Concen: 31.647 ng
RT: 7.169 min Scan# 711
Delta R.T. -0.006 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Tgt Ion: 93 Resp: 1609896
Ion Ratio Lower Upper
93 100
66 38.4 30.5 45.7
65 19.6 15.9 23.9



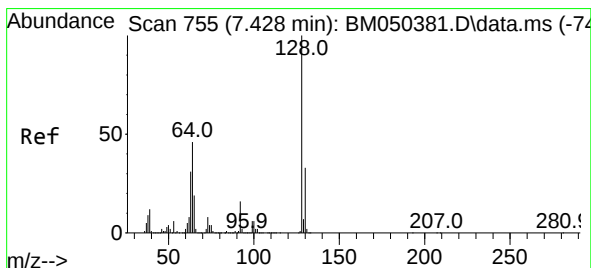
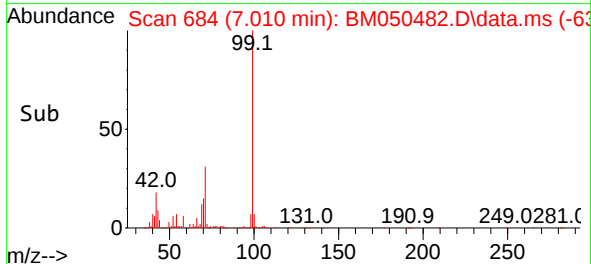
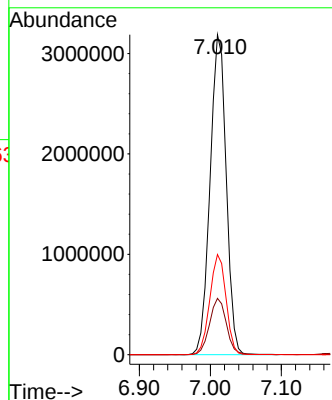
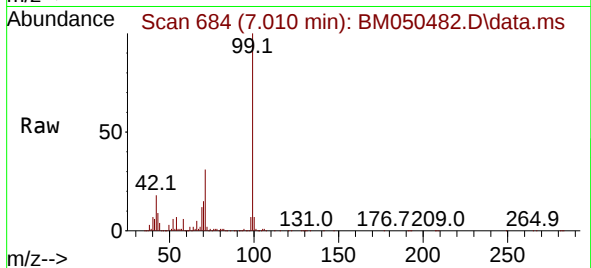


#7
Phenol-d6
Concen: 127.336 ng
RT: 7.010 min Scan# 684
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Instrument :
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ClientSampleId :

Tgt Ion: 99 Resp: 5047458

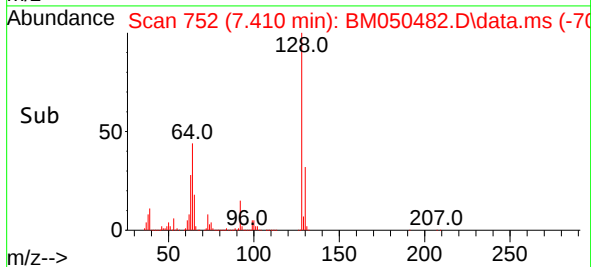
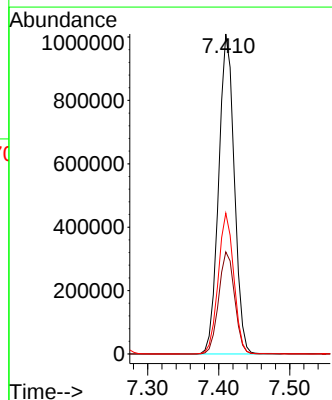
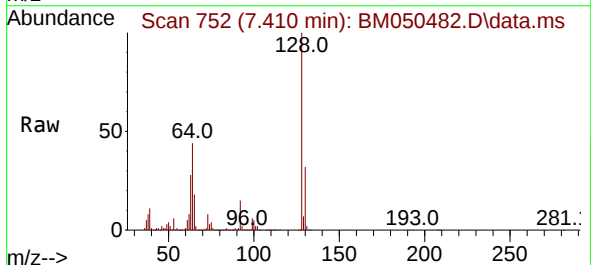
Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.0	22.6
71	31.3	25.9	38.9

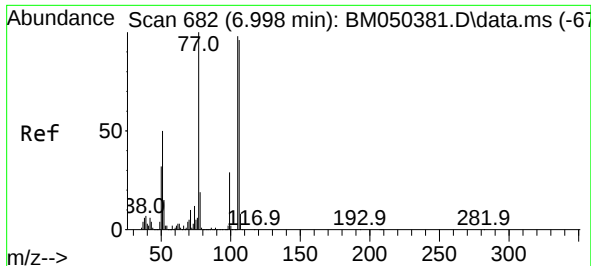


#8
2-Chlorophenol
Concen: 46.441 ng
RT: 7.410 min Scan# 752
Delta R.T. -0.006 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Tgt Ion:128 Resp: 1539833

Ion	Ratio	Lower	Upper
128	100		
130	31.9	13.3	53.3
64	44.0	25.6	65.6

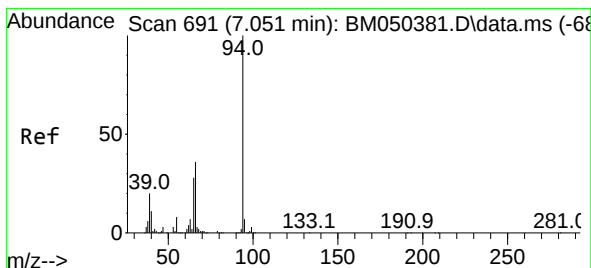
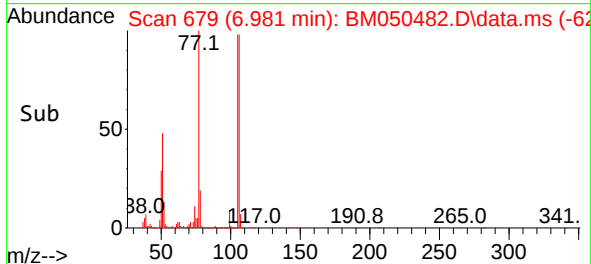
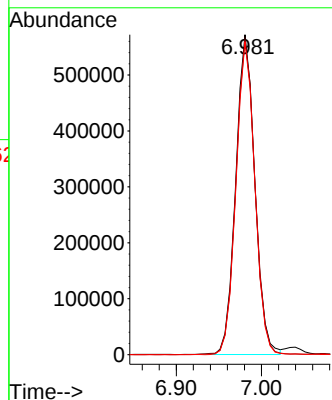
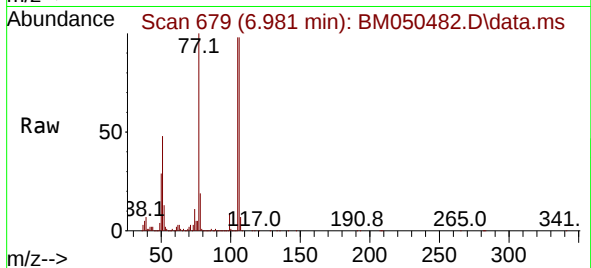




#9
Benzaldehyde
Concen: 37.691 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.006 min
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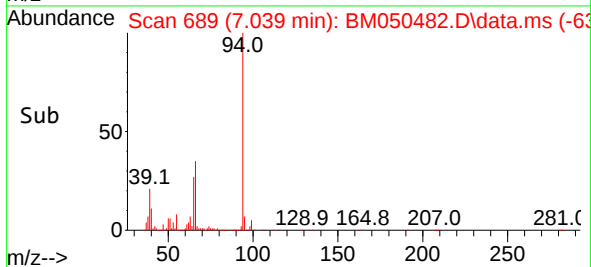
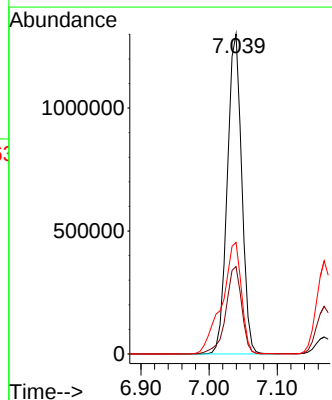
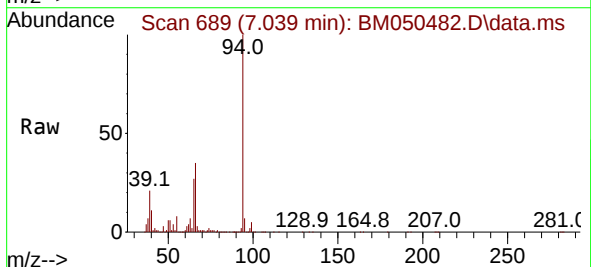
Instrument :
BNA_M
ClientSampleId :

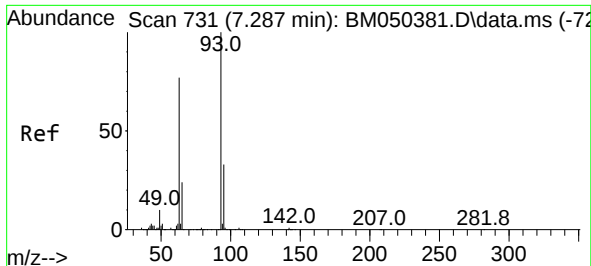
Tgt Ion: 77 Resp: 888745
Ion Ratio Lower Upper
77 100
105 98.3 78.4 118.4
106 97.8 76.3 116.3



#10
Phenol
Concen: 46.247 ng
RT: 7.039 min Scan# 689
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Tgt Ion: 94 Resp: 1912032
Ion Ratio Lower Upper
94 100
65 27.3 8.1 48.1
66 34.8 15.8 55.8

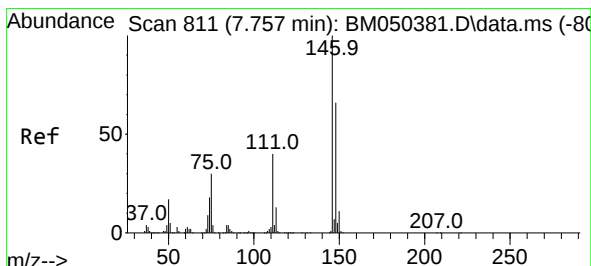
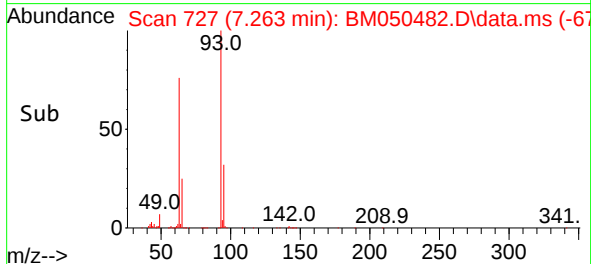
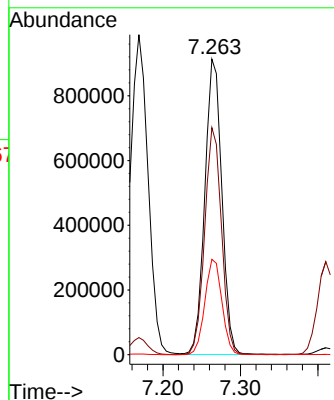
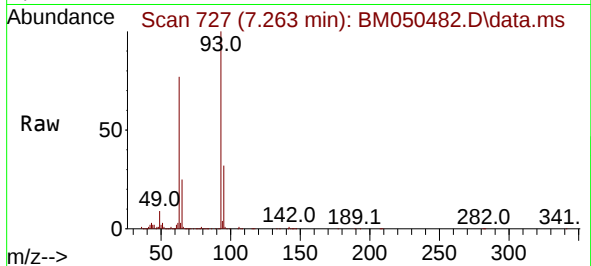




#11
bis(2-Chloroethyl)ether
Concen: 42.039 ng
RT: 7.263 min Scan# 701
Delta R.T. -0.006 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

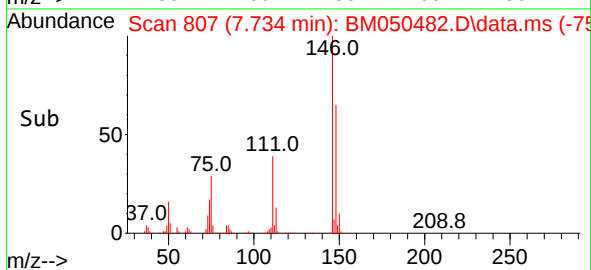
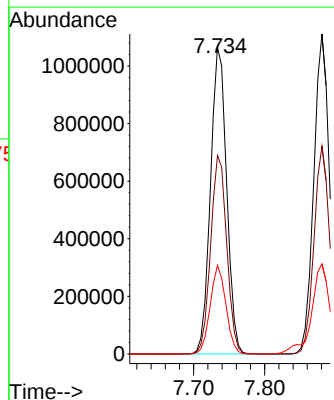
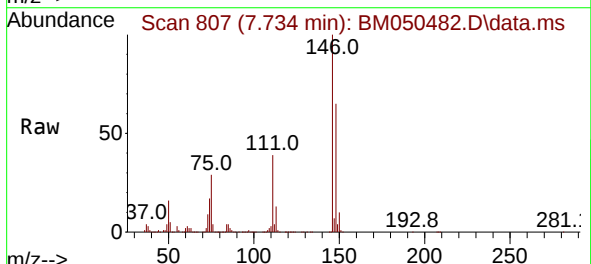
Instrument :
BNA_M
ClientSampleId :

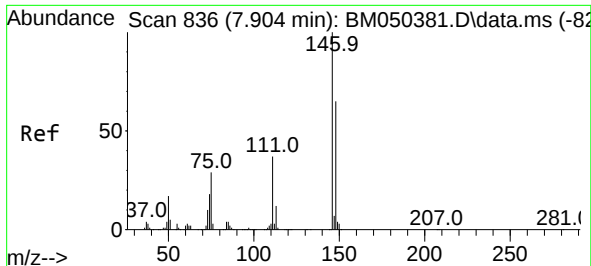
Tgt Ion: 93 Resp: 1391930
Ion Ratio Lower Upper
93 100
63 76.8 56.9 96.9
95 32.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.623 ng
RT: 7.734 min Scan# 807
Delta R.T. -0.006 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Tgt Ion:146 Resp: 1678116
Ion Ratio Lower Upper
146 100
148 64.7 53.2 79.8
75 28.9 23.9 35.9

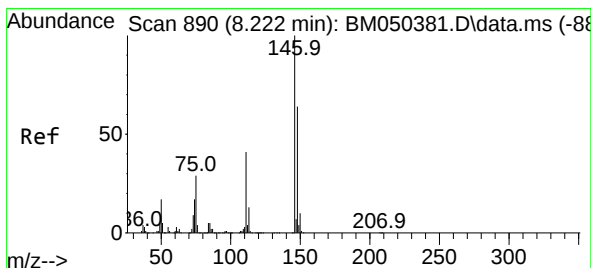
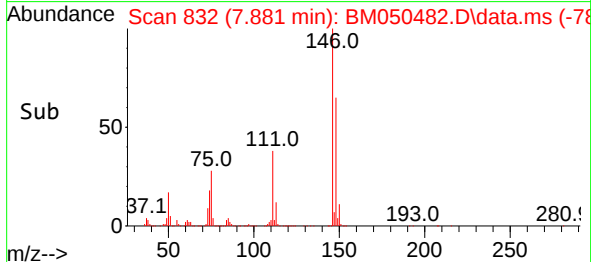
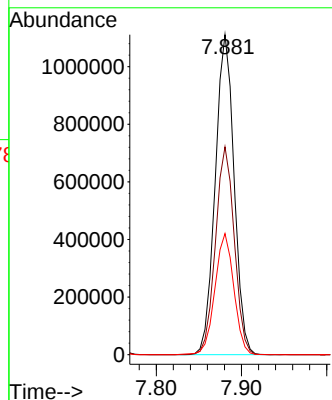
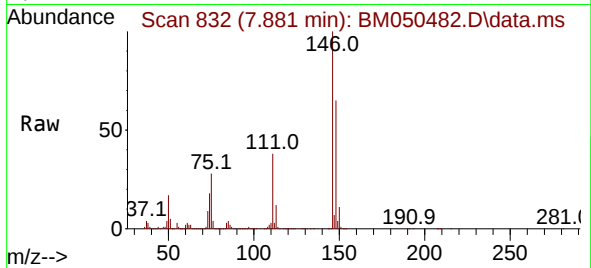




#13
1,4-Dichlorobenzene
Concen: 41.531 ng
RT: 7.881 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

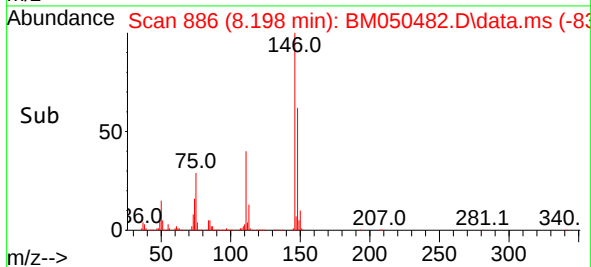
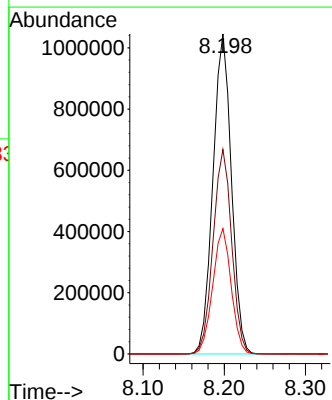
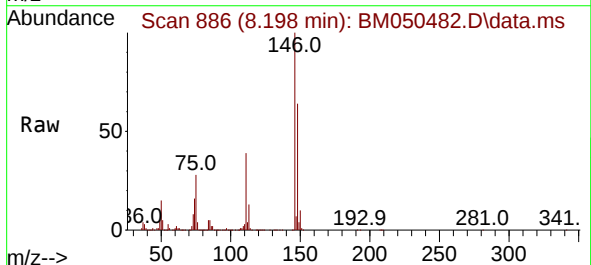
Instrument :
BNA_M
ClientSampleId :

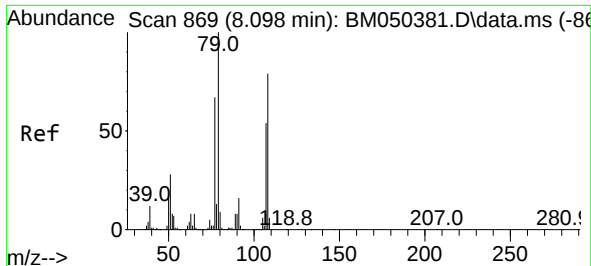
Tgt Ion:146 Resp: 1709719
Ion Ratio Lower Upper
146 100
148 65.0 51.9 77.9
111 37.8 30.0 45.0



#14
1,2-Dichlorobenzene
Concen: 41.901 ng
RT: 8.198 min Scan# 886
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Tgt Ion:146 Resp: 1651445
Ion Ratio Lower Upper
146 100
148 63.9 51.5 77.3
111 39.2 32.6 49.0

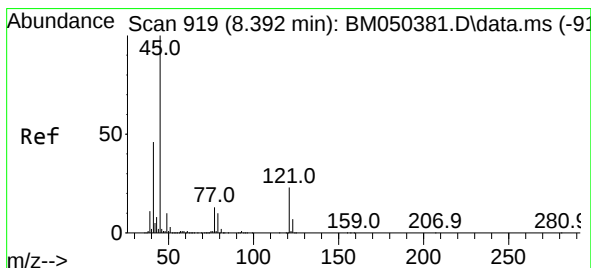
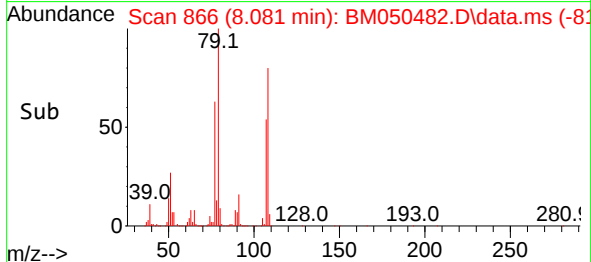
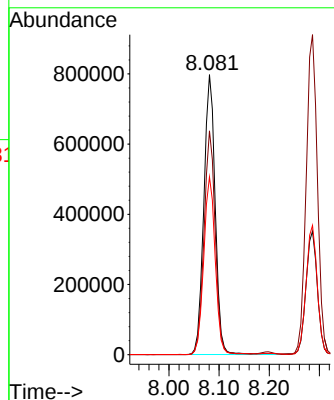
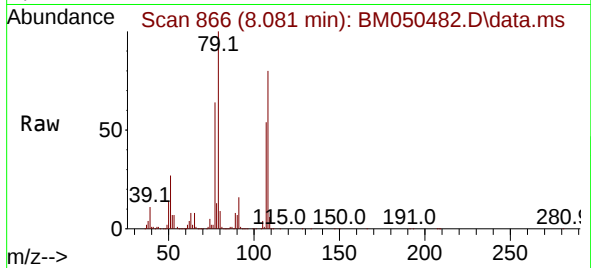




#15
Benzyl Alcohol
Concen: 45.088 ng
RT: 8.081 min Scan# 866
Delta R.T. -0.006 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

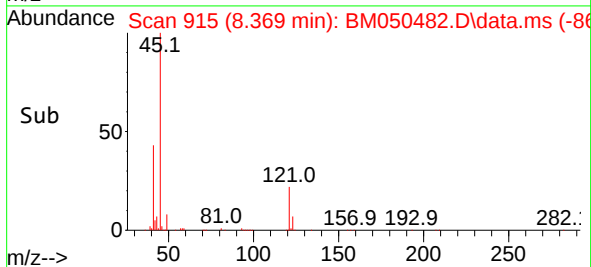
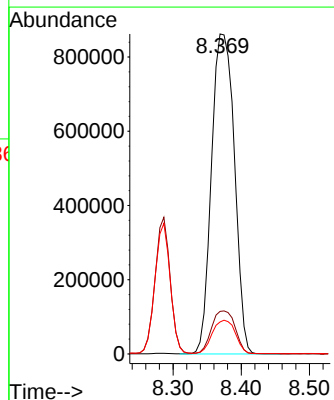
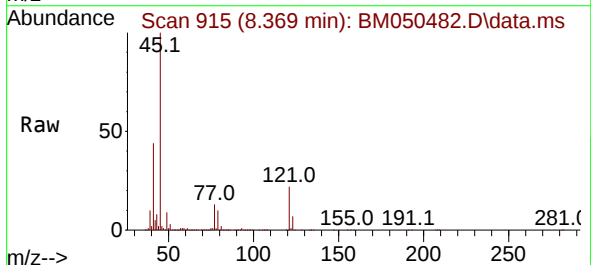
Instrument :
BNA_M
ClientSampleId :

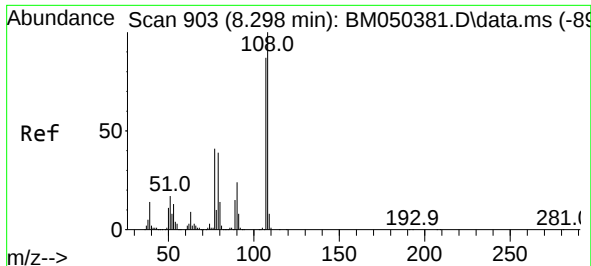
Tgt Ion: 79 Resp: 1259264
Ion Ratio Lower Upper
79 100
108 80.0 63.0 94.4
77 63.5 53.4 80.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.385 ng
RT: 8.369 min Scan# 915
Delta R.T. -0.006 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Tgt Ion: 45 Resp: 2018375
Ion Ratio Lower Upper
45 100
77 13.3 0.0 33.5
79 10.0 0.0 30.3

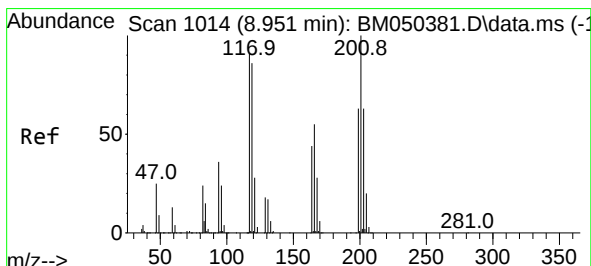
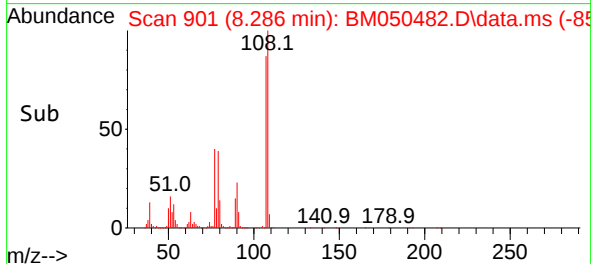
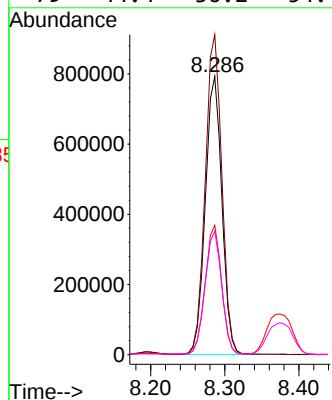
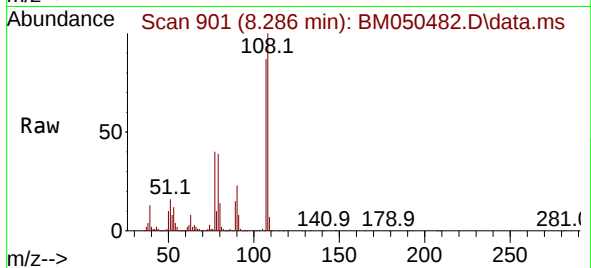




#17
2-Methylphenol
Concen: 46.040 ng
RT: 8.286 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

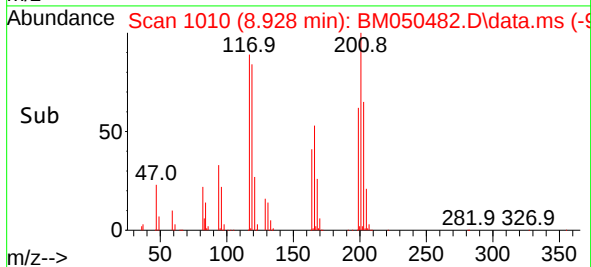
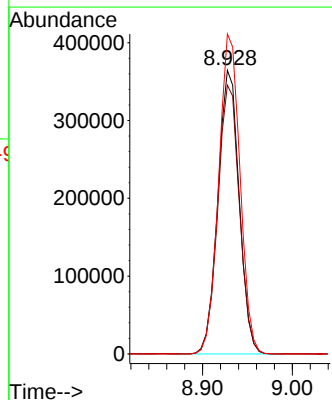
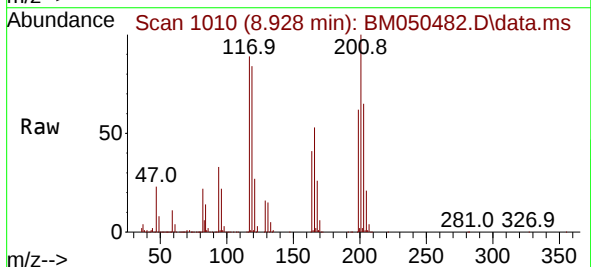
Instrument :
BNA_M
ClientSampleId :

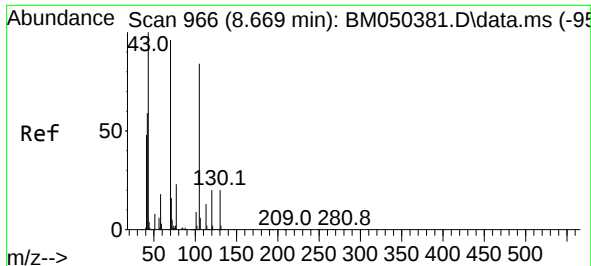
Tgt Ion:107 Resp: 1234551
Ion Ratio Lower Upper
107 100
108 115.0 92.1 138.1
77 46.5 38.2 57.4
79 44.4 36.2 54.4



#18
Hexachloroethane
Concen: 41.552 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

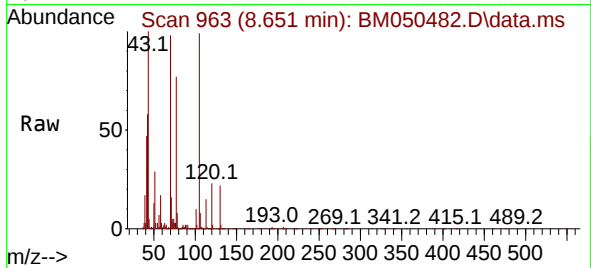
Tgt Ion:117 Resp: 601604
Ion Ratio Lower Upper
117 100
119 94.8 75.6 113.4
201 112.8 87.9 131.9



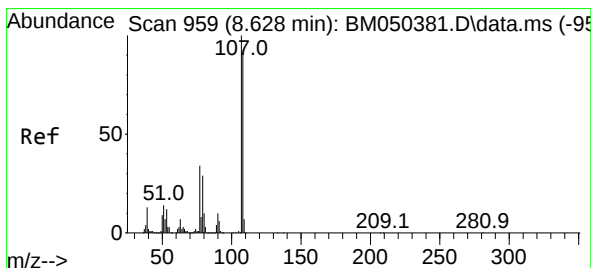
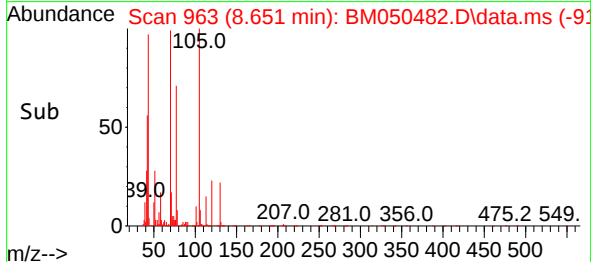
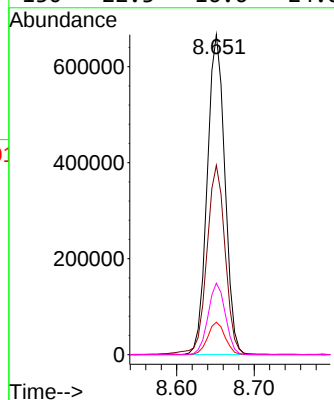


#19
n-Nitroso-di-n-propylamine
Concen: 43.774 ng
RT: 8.651 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Instrument :
BNA_M
ClientSampleId :

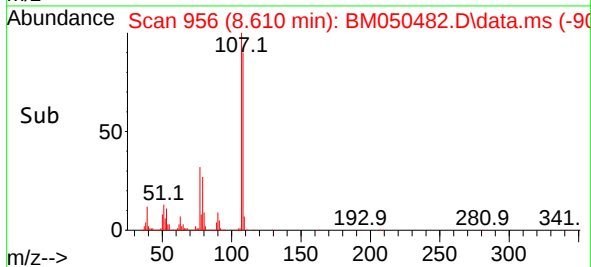
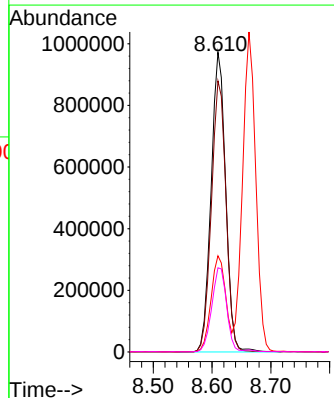
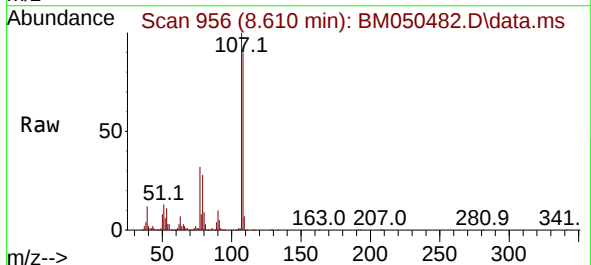


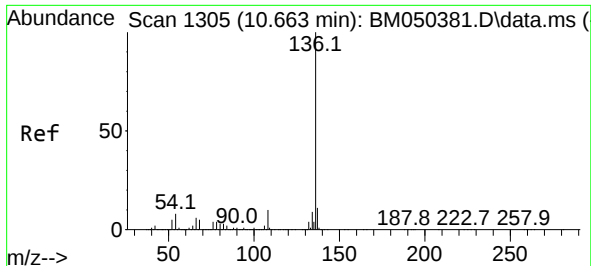
Tgt Ion: 70 Resp: 1051146
Ion Ratio Lower Upper
70 100
42 59.2 49.7 74.5
101 10.1 7.7 11.5
130 22.3 16.6 24.8



#20
3+4-Methylphenols
Concen: 46.594 ng
RT: 8.610 min Scan# 956
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Tgt Ion:107 Resp: 1677236
Ion Ratio Lower Upper
107 100
108 90.4 71.5 111.5
77 32.1 13.7 53.7
79 28.1 8.6 48.6

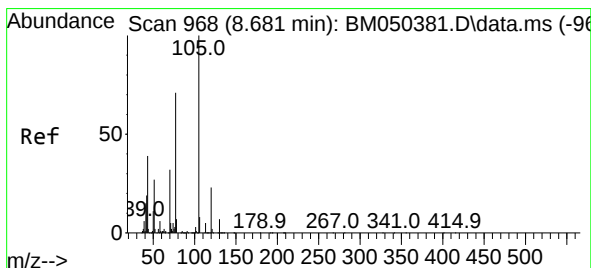
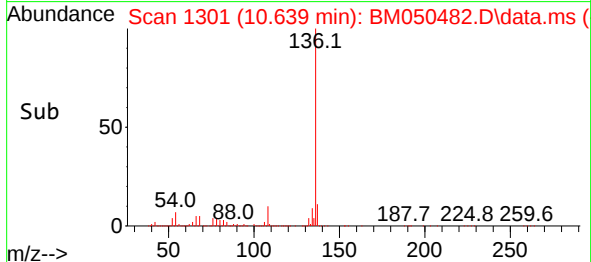
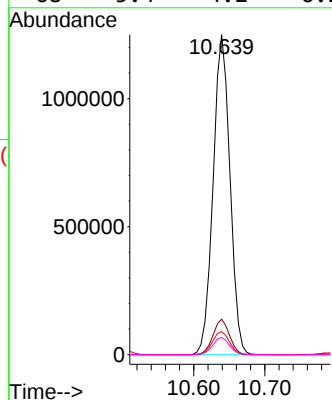
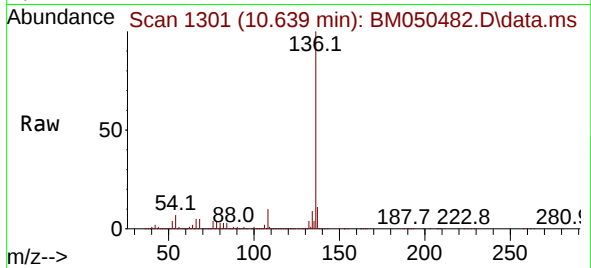




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

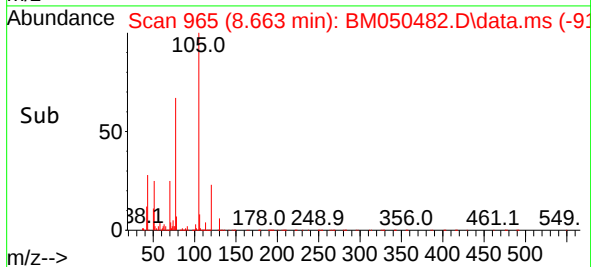
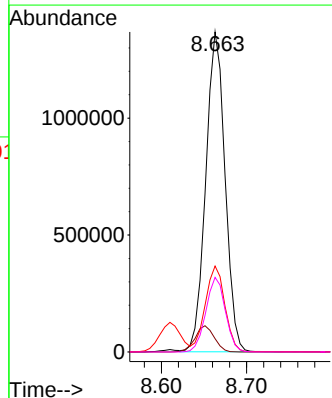
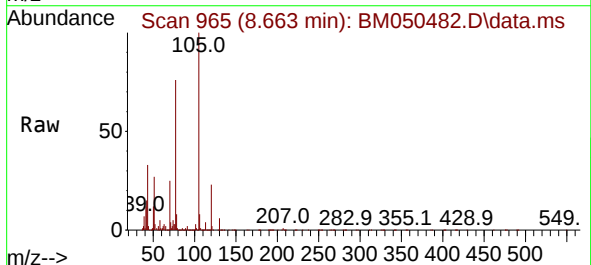
Instrument :
BNA_M
ClientSampleId :

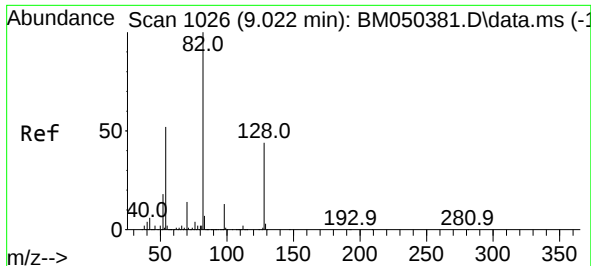
Tgt Ion:136 Resp: 2050416
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.2 6.3 9.5
68 5.4 4.2 6.2



#22
Acetophenone
Concen: 41.969 ng
RT: 8.663 min Scan# 965
Delta R.T. -0.006 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Tgt Ion:105 Resp: 2151549
Ion Ratio Lower Upper
105 100
71 4.2 4.4 6.6#
51 26.9 23.0 34.6
120 23.3 18.3 27.5

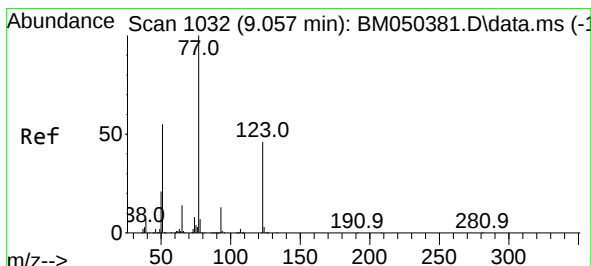
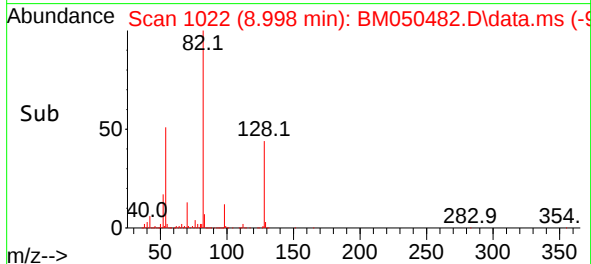
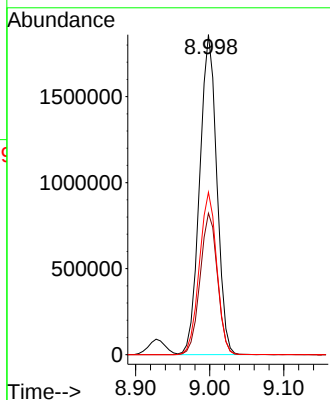
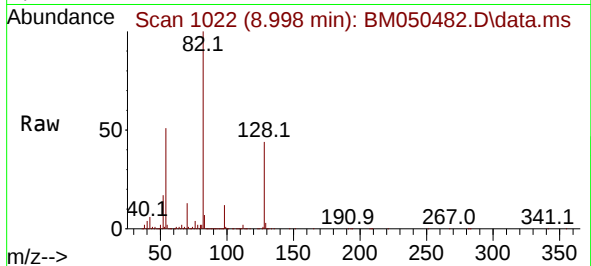




#23
Nitrobenzene-d5
Concen: 74.447 ng
RT: 8.998 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

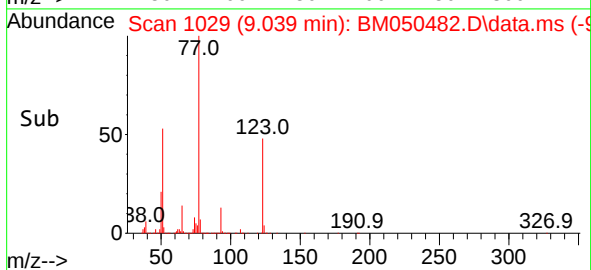
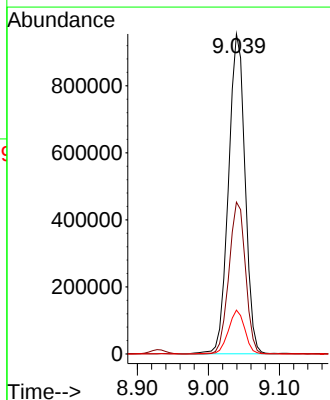
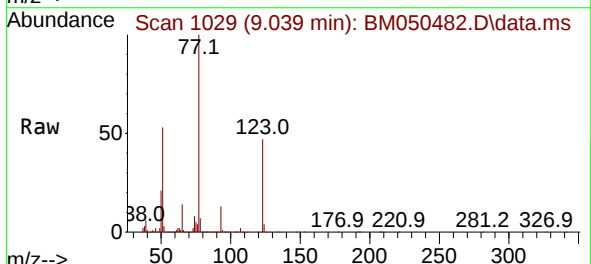
Instrument :
BNA_M
ClientSampleId :

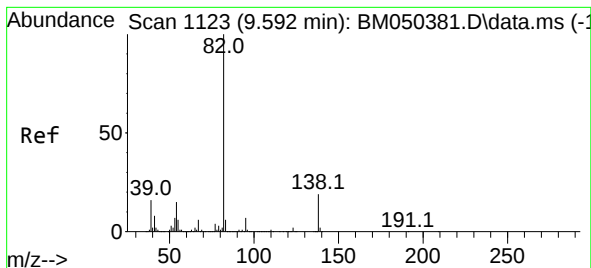
Tgt Ion: 82 Resp: 2992006
Ion Ratio Lower Upper
82 100
128 44.2 35.2 52.8
54 50.8 41.5 62.3



#24
Nitrobenzene
Concen: 43.052 ng
RT: 9.039 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Tgt Ion: 77 Resp: 1544025
Ion Ratio Lower Upper
77 100
123 47.5 37.0 55.6
65 13.7 11.0 16.4





#25

Isophorone

Concen: 43.366 ng

RT: 9.569 min Scan# 1119

Delta R.T. -0.006 min

Lab File: BM050482.D

Acq: 22 Jul 2025 12:08

Instrument :

BNA_M

ClientSampleId :

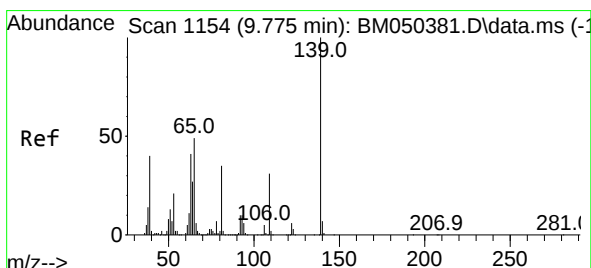
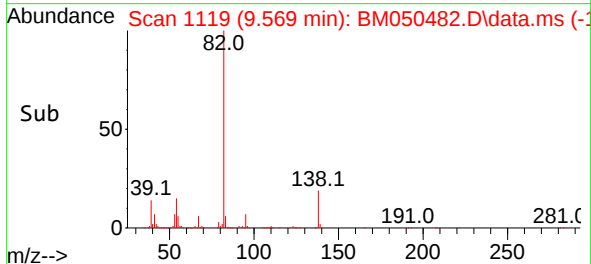
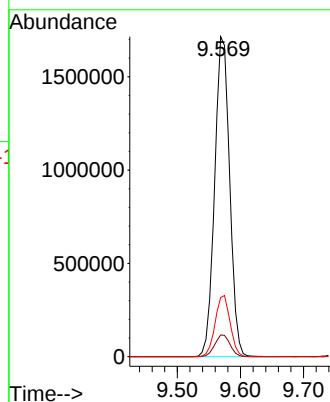
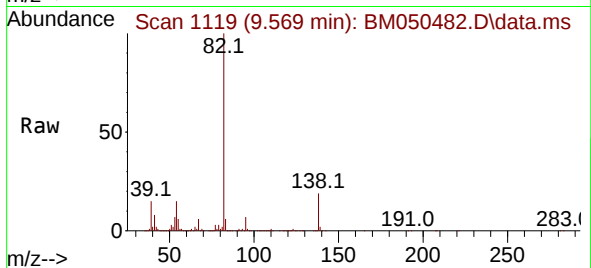
Tgt Ion: 82 Resp: 2828118

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

138 18.5 15.3 22.9



#26

2-Nitrophenol

Concen: 52.460 ng

RT: 9.751 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BM050482.D

Acq: 22 Jul 2025 12:08

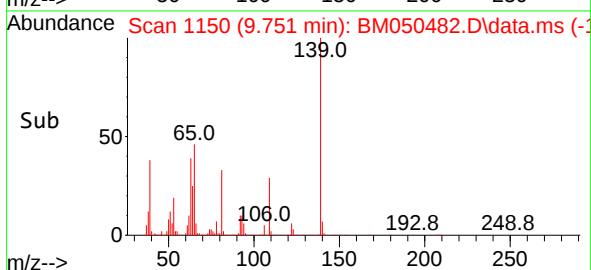
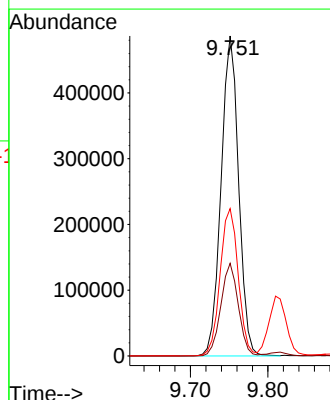
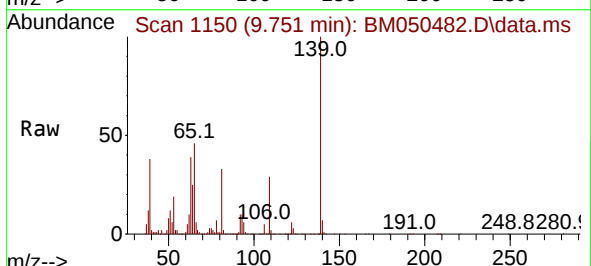
Tgt Ion:139 Resp: 766784

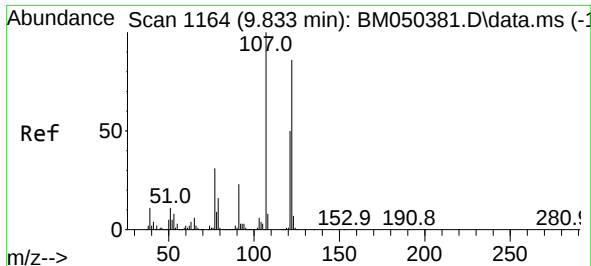
Ion Ratio Lower Upper

139 100

109 29.0 24.6 36.8

65 46.0 39.2 58.8





#27

2,4-Dimethylphenol

Concen: 46.173 ng

RT: 9.816 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BM050482.D

Acq: 22 Jul 2025 12:08

Instrument :

BNA_M

ClientSampleId :

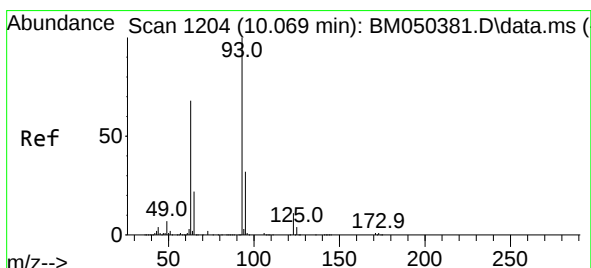
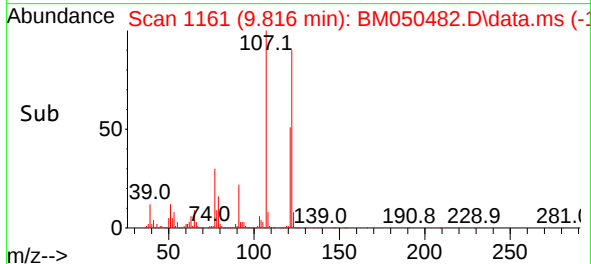
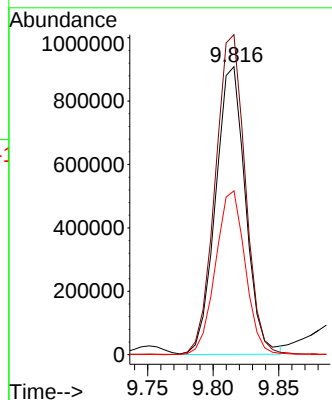
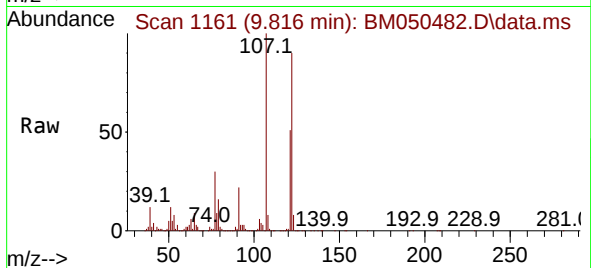
Tgt Ion:122 Resp: 1436097

Ion Ratio Lower Upper

122 100

107 111.1 93.0 139.6

121 56.9 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 43.495 ng

RT: 10.045 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BM050482.D

Acq: 22 Jul 2025 12:08

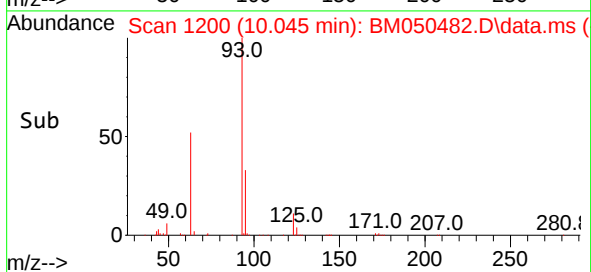
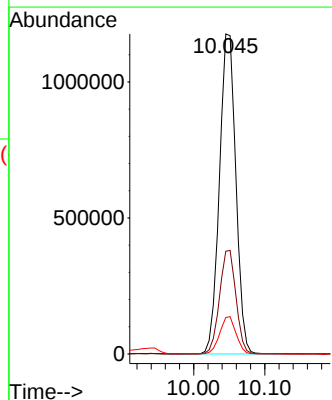
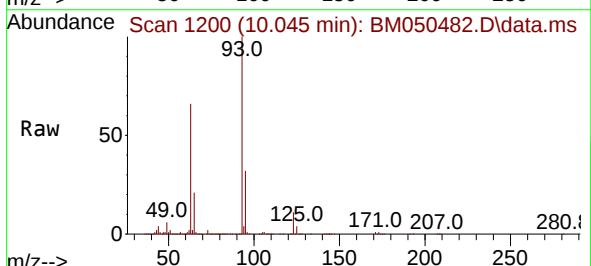
Tgt Ion: 93 Resp: 1879590

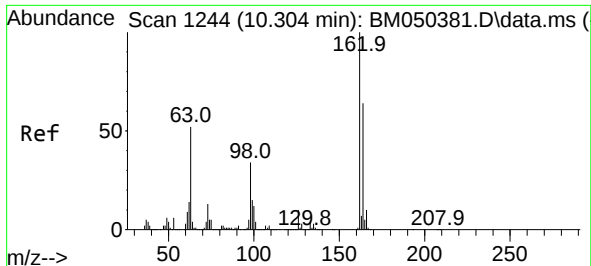
Ion Ratio Lower Upper

93 100

95 32.1 25.8 38.6

123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 47.839 ng

RT: 10.286 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050482.D

Acq: 22 Jul 2025 12:08

Instrument :

BNA_M

ClientSampleId :

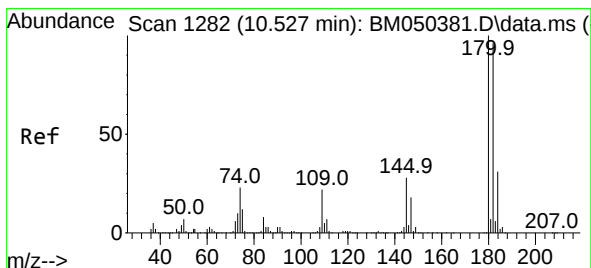
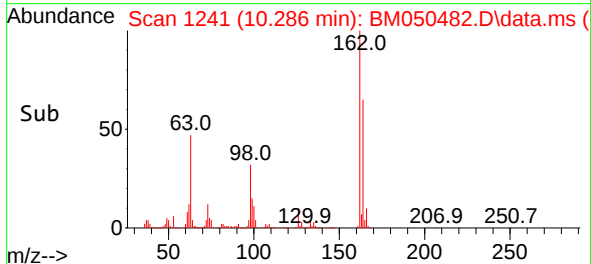
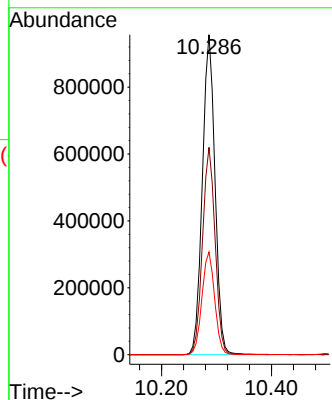
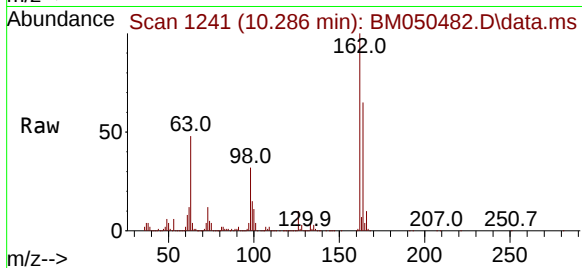
Tgt Ion:162 Resp: 1528643

Ion Ratio Lower Upper

162 100

164 64.8 43.7 83.7

98 32.1 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 42.916 ng

RT: 10.504 min Scan# 1278

Delta R.T. 0.000 min

Lab File: BM050482.D

Acq: 22 Jul 2025 12:08

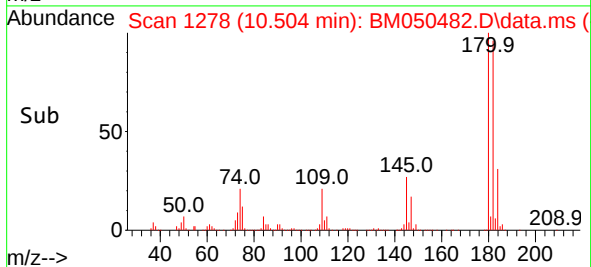
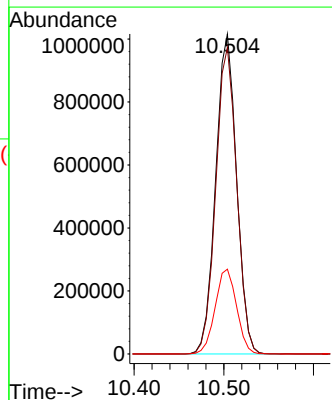
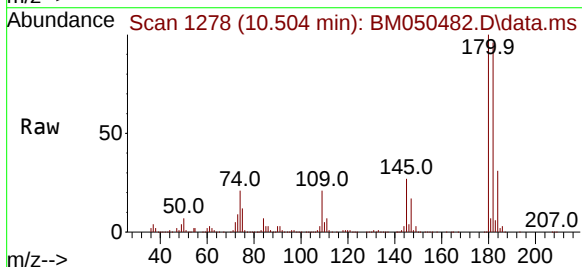
Tgt Ion:180 Resp: 1640483

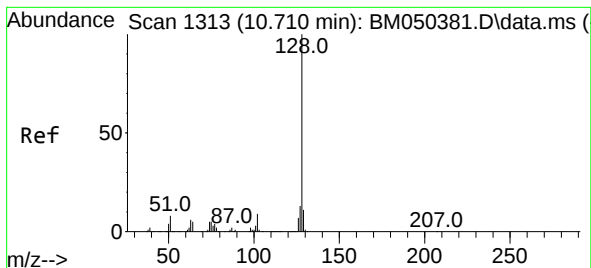
Ion Ratio Lower Upper

180 100

182 95.8 76.8 115.2

145 26.5 22.6 33.8

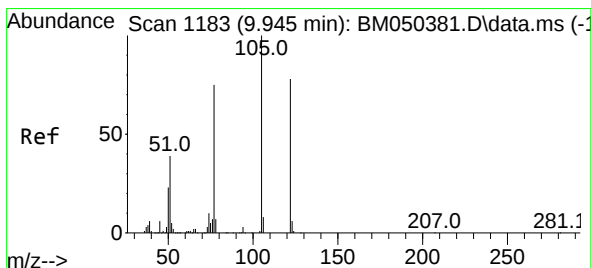
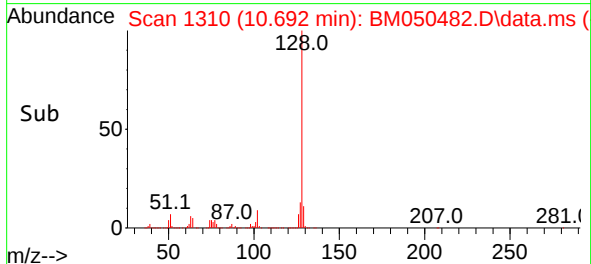
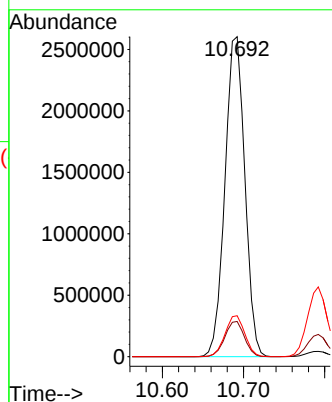
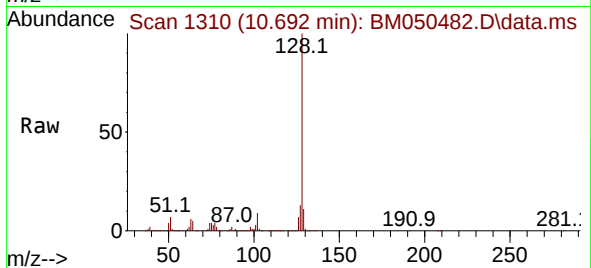




#31
Naphthalene
Concen: 42.615 ng
RT: 10.692 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

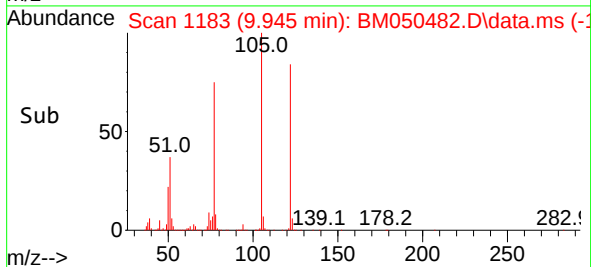
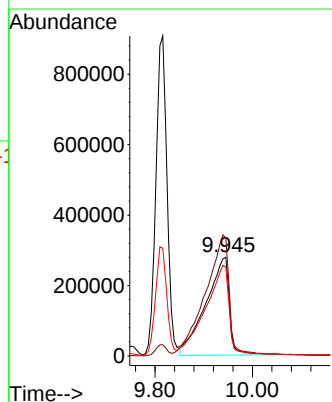
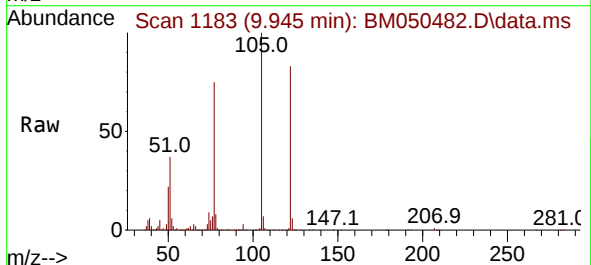
Instrument :
BNA_M
ClientSampleId :

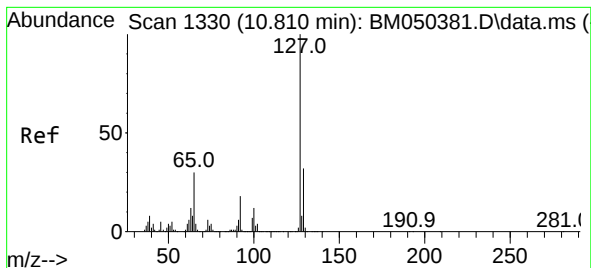
Tgt Ion:128 Resp: 4438226
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.8 10.4 15.6



#32
Benzoic acid
Concen: 48.803 ng
RT: 9.945 min Scan# 1183
Delta R.T. 0.012 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Tgt Ion:122 Resp: 933895
Ion Ratio Lower Upper
122 100
105 119.9 104.0 144.0
77 89.8 73.8 113.8

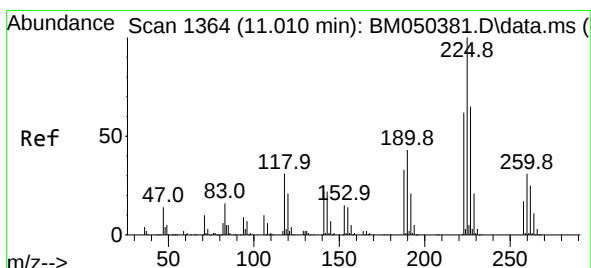
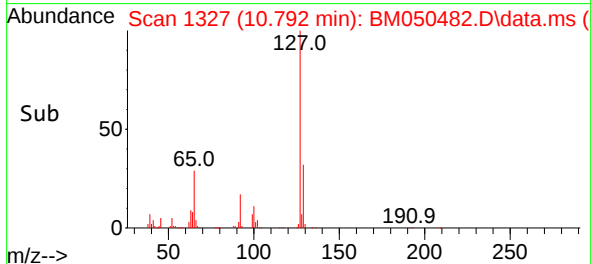
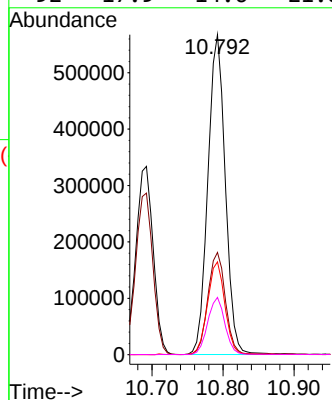
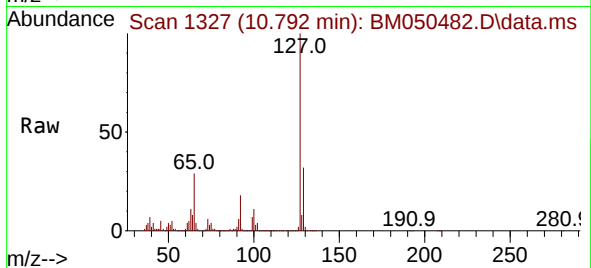




#33
4-Chloroaniline
Concen: 21.969 ng
RT: 10.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

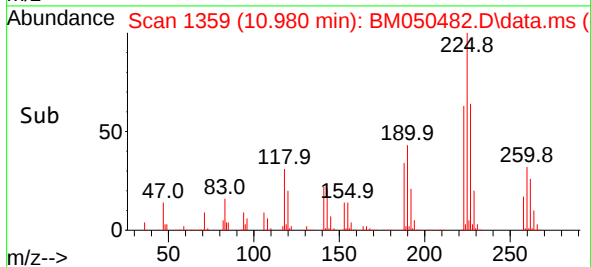
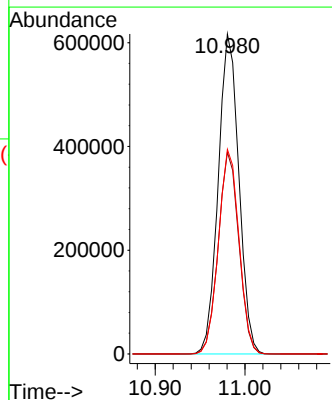
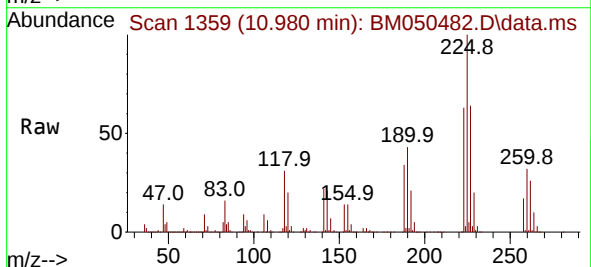
Instrument :
BNA_M
ClientSampleId :

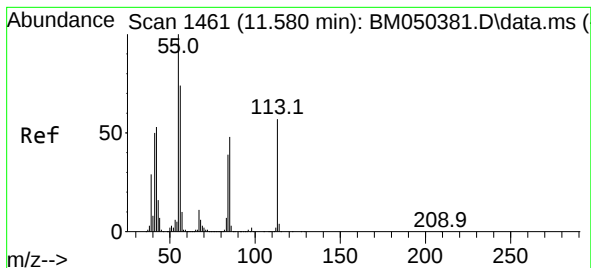
Tgt Ion:127	Resp: 967281
Ion Ratio	Lower Upper
127 100	
129 32.0	25.5 38.3
65 29.0	23.9 35.9
92 17.9	14.6 21.8



#34
Hexachlorobutadiene
Concen: 42.143 ng
RT: 10.980 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Tgt Ion:225	Resp: 983215
Ion Ratio	Lower Upper
225 100	
223 63.0	49.7 74.5
227 64.0	52.1 78.1

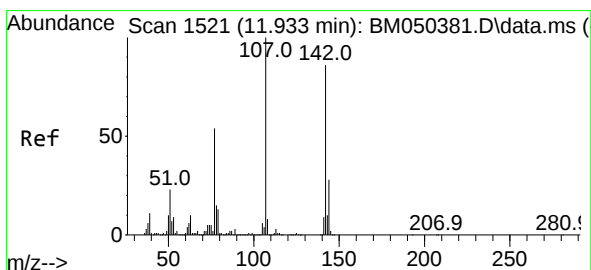
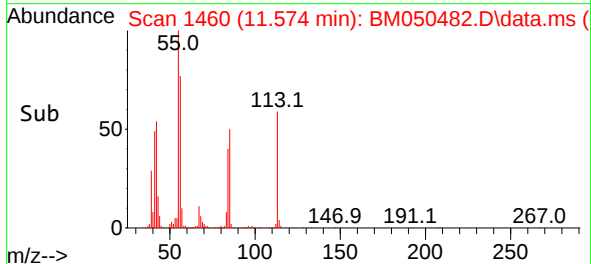
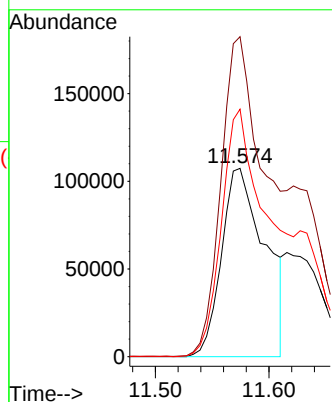
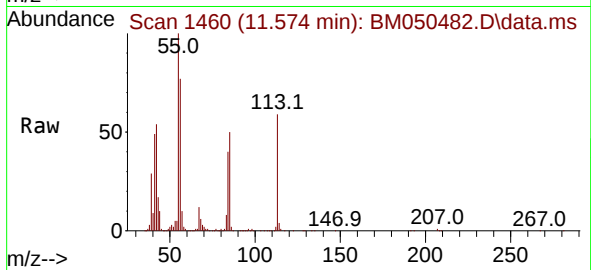




#35
Caprolactam
Concen: 32.664 ng
RT: 11.574 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

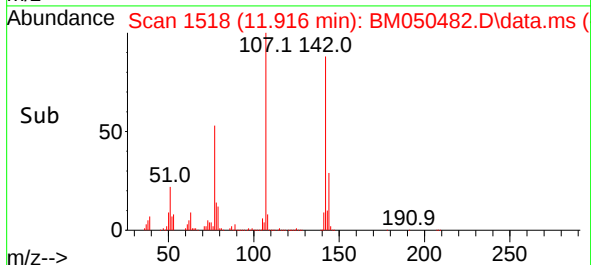
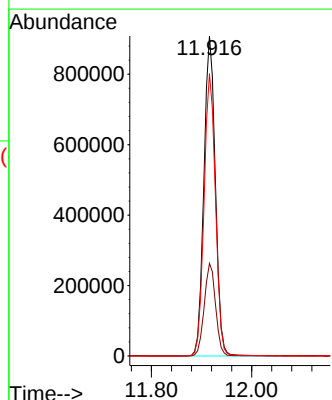
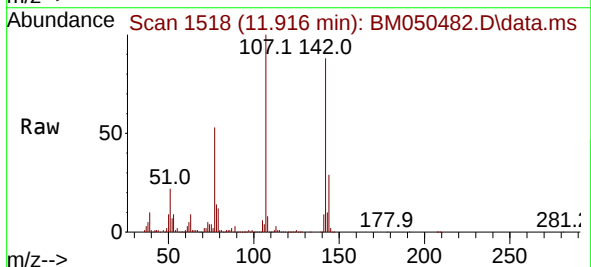
Instrument :
BNA_M
ClientSampleId :

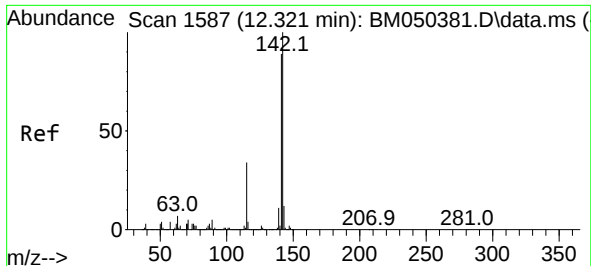
Tgt Ion:113 Resp: 284927
Ion Ratio Lower Upper
113 100
55 169.9 157.2 197.2
56 131.4 111.7 151.7



#36
4-Chloro-3-methylphenol
Concen: 48.334 ng
RT: 11.916 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Tgt Ion:107 Resp: 1442231
Ion Ratio Lower Upper
107 100
144 29.0 22.2 33.4
142 88.2 68.7 103.1





#37

2-Methylnaphthalene

Concen: 44.873 ng

RT: 12.298 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050482.D

Acq: 22 Jul 2025 12:08

Instrument :

BNA_M

ClientSampleId :

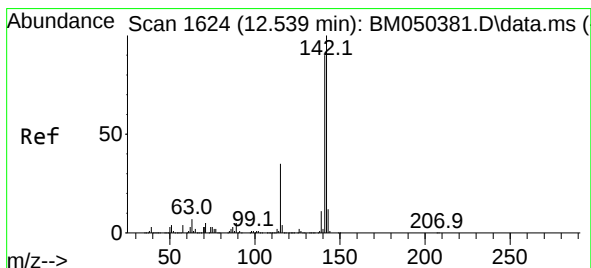
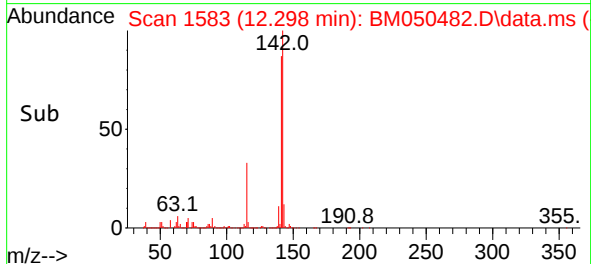
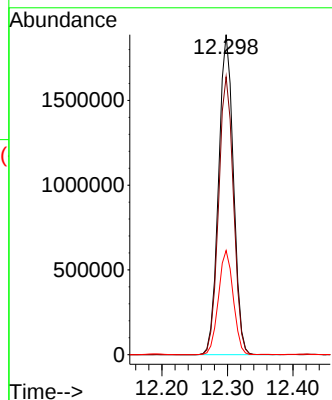
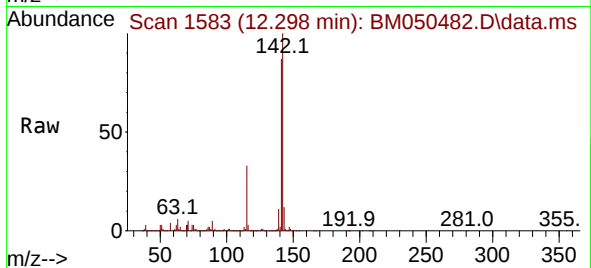
Tgt Ion:142 Resp: 2950756

Ion Ratio Lower Upper

142 100

141 86.8 70.8 106.2

115 32.6 27.0 40.4



#38

1-Methylnaphthalene

Concen: 44.337 ng

RT: 12.516 min Scan# 1620

Delta R.T. -0.006 min

Lab File: BM050482.D

Acq: 22 Jul 2025 12:08

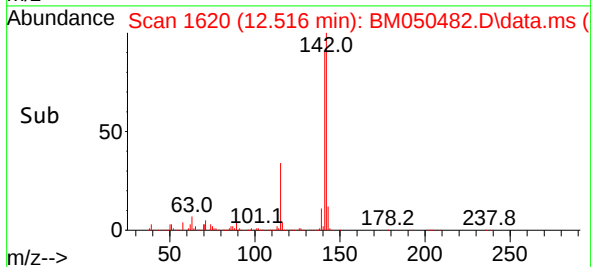
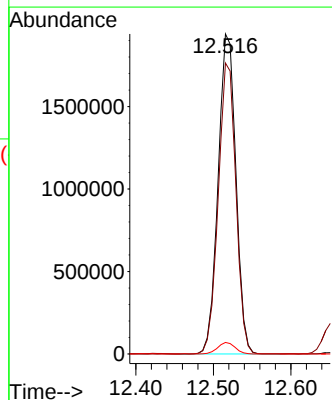
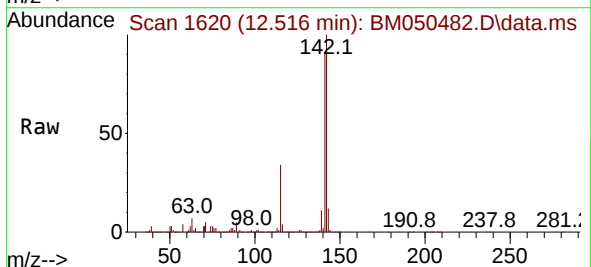
Tgt Ion:142 Resp: 3085515

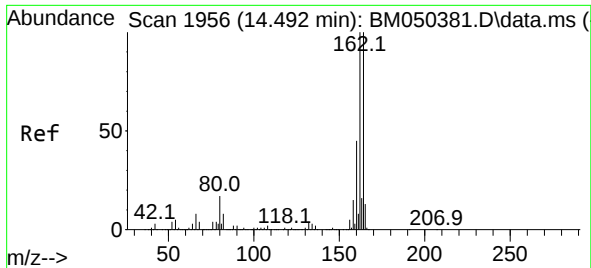
Ion Ratio Lower Upper

142 100

141 90.9 71.9 107.9

116 3.6 3.0 4.6

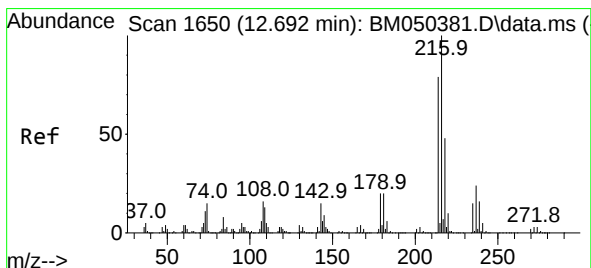
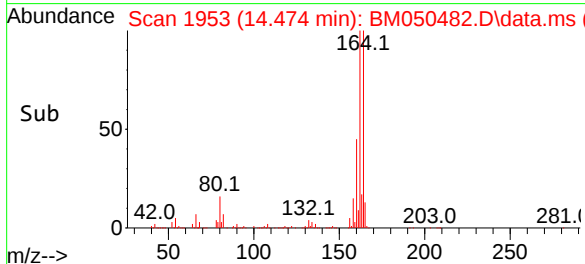
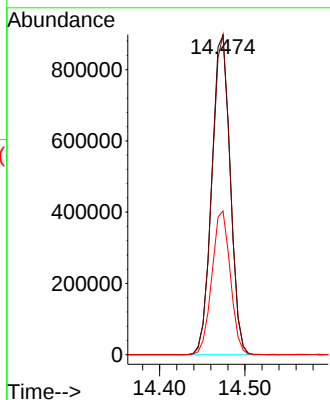
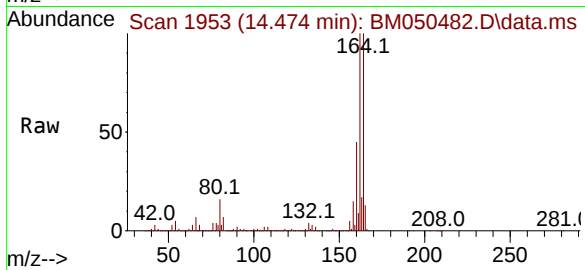




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

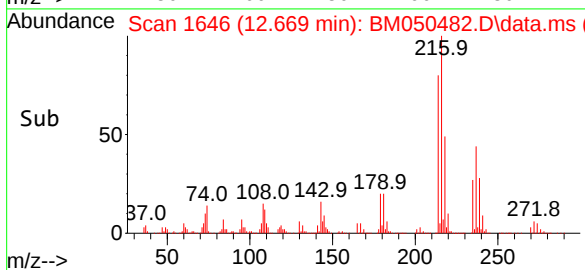
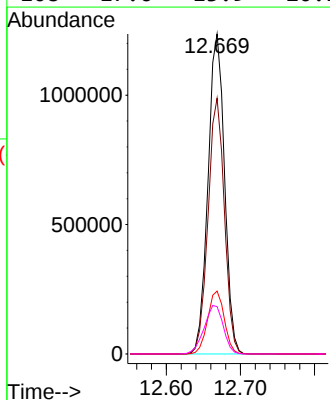
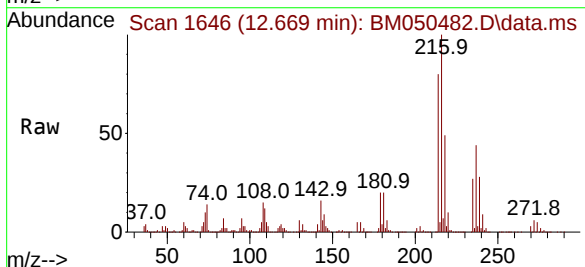
Instrument :
BNA_M
ClientSampleId :

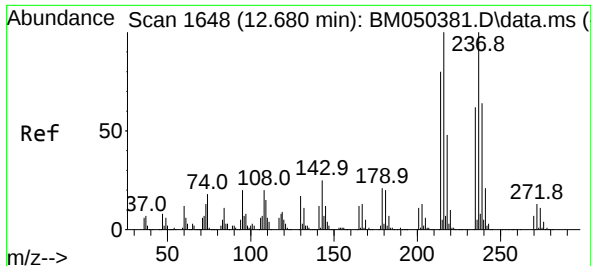
Tgt Ion:164 Resp: 1344342
Ion Ratio Lower Upper
164 100
162 100.2 79.9 119.9
160 45.0 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.676 ng
RT: 12.669 min Scan# 1646
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

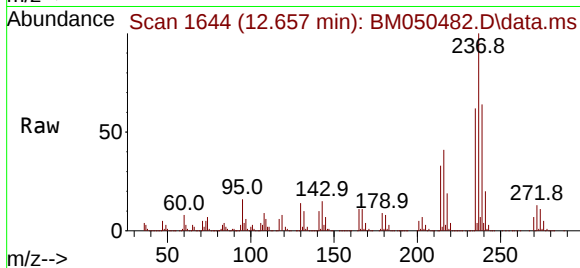
Tgt Ion:216 Resp: 1909939
Ion Ratio Lower Upper
216 100
214 78.9 63.3 94.9
179 19.9 16.4 24.6
108 17.6 13.9 20.9



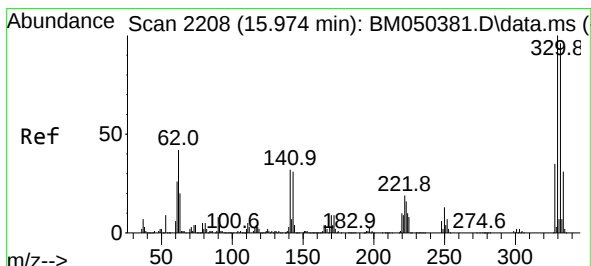
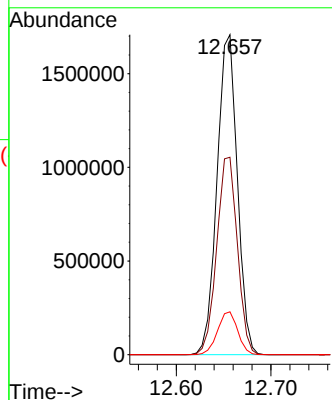
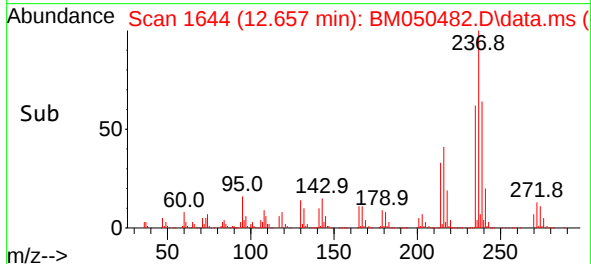


#41
Hexachlorocyclopentadiene
Concen: 93.290 ng
RT: 12.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

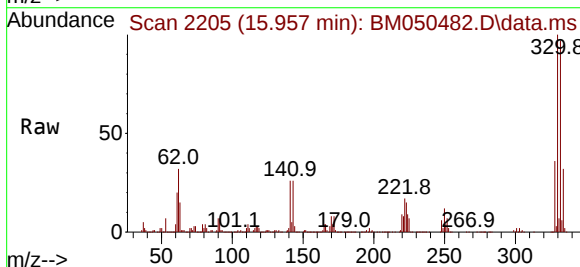
Instrument :
BNA_M
ClientSampleId :



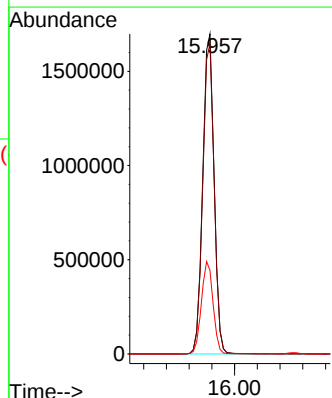
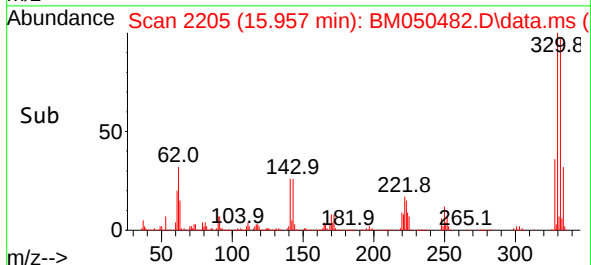
Tgt Ion:237 Resp: 2549346
Ion Ratio Lower Upper
237 100
235 61.7 42.3 82.3
272 13.4 0.0 33.0

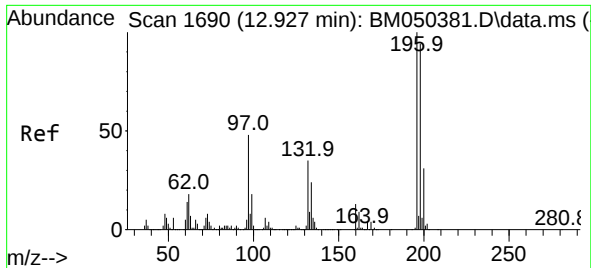


#42
2,4,6-Tribromophenol
Concen: 144.108 ng
RT: 15.957 min Scan# 2205
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08



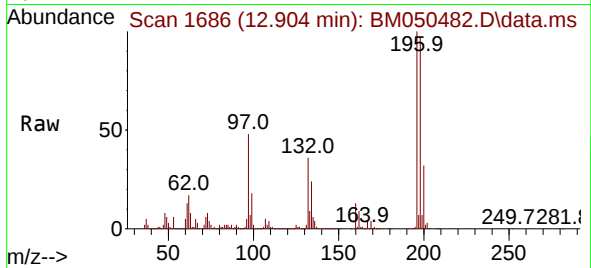
Tgt Ion:330 Resp: 2353850
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 29.8 27.4 41.0



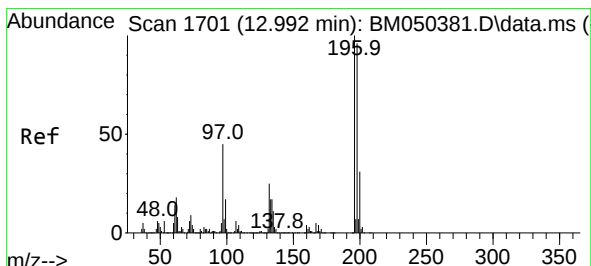
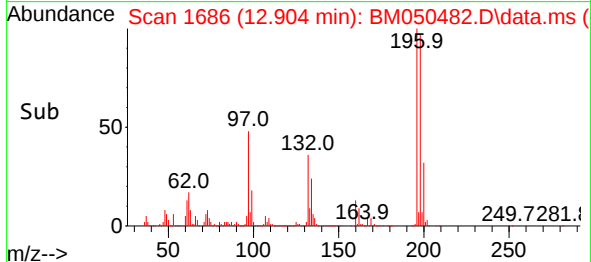
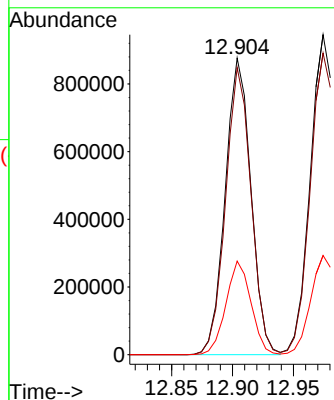


#43
2,4,6-Trichlorophenol
Concen: 49.032 ng
RT: 12.904 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Instrument :
BNA_M
ClientSampleId :

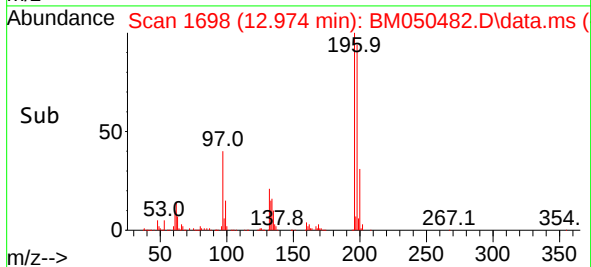
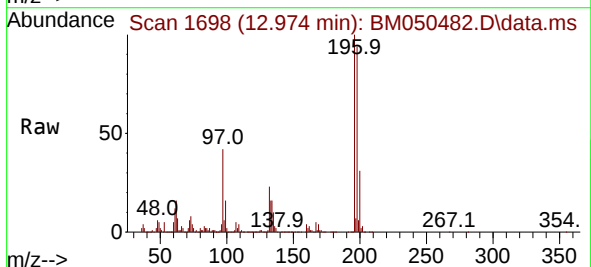
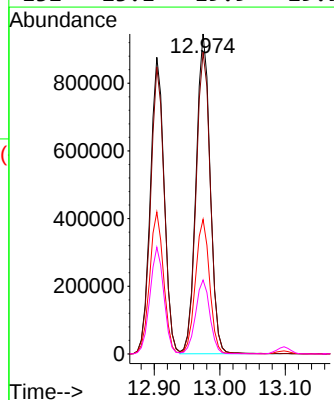


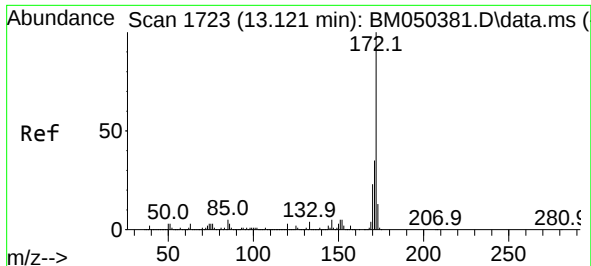
Tgt Ion:196 Resp: 1290292
Ion Ratio Lower Upper
196 100
198 96.8 75.1 112.7
200 31.6 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 49.329 ng
RT: 12.974 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

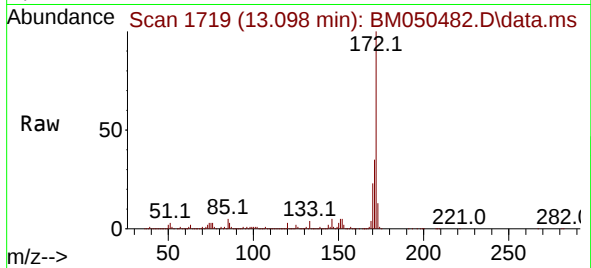
Tgt Ion:196 Resp: 1417682
Ion Ratio Lower Upper
196 100
198 94.2 77.2 115.8
97 42.1 36.2 54.4
132 23.1 19.9 29.9





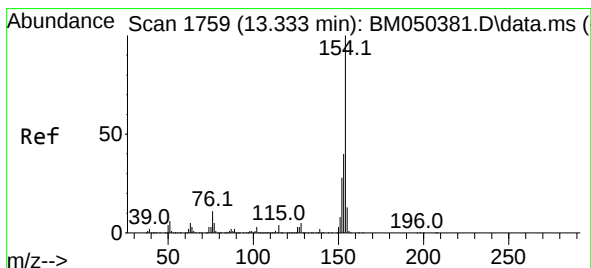
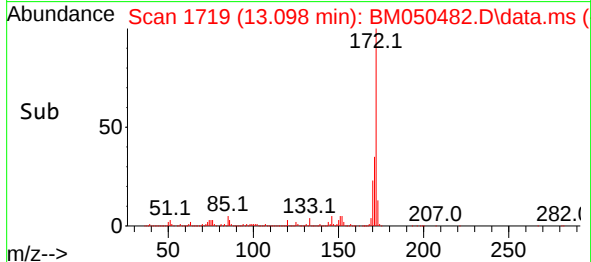
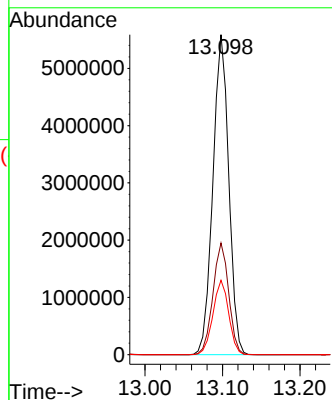
#45
2-Fluorobiphenyl
Concen: 72.936 ng
RT: 13.098 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:172 Resp: 7939734

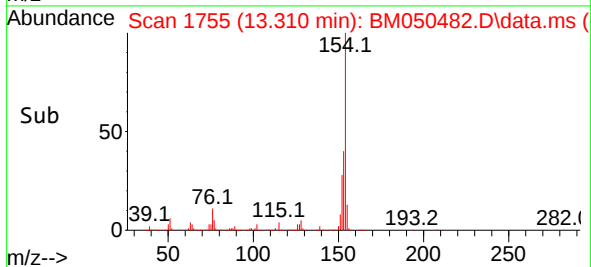
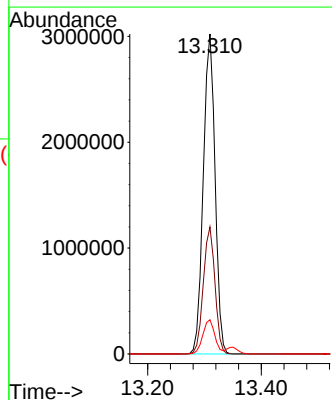
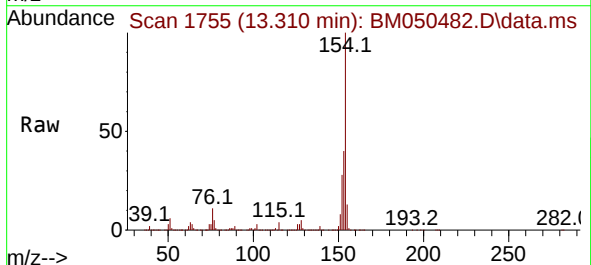
Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.7	41.5
170	23.2	18.8	28.2

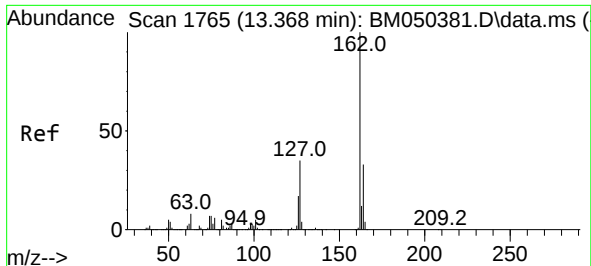


#46
1,1'-Biphenyl
Concen: 43.491 ng
RT: 13.310 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Tgt Ion:154 Resp: 4337825

Ion	Ratio	Lower	Upper
154	100		
153	39.7	19.7	59.7
76	10.7	0.0	30.9

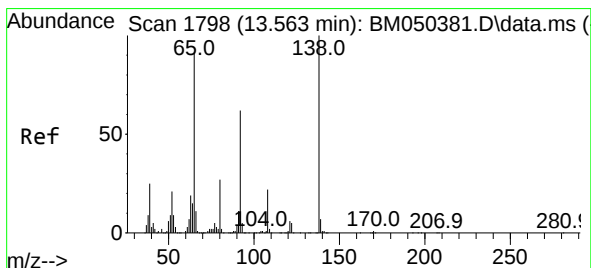
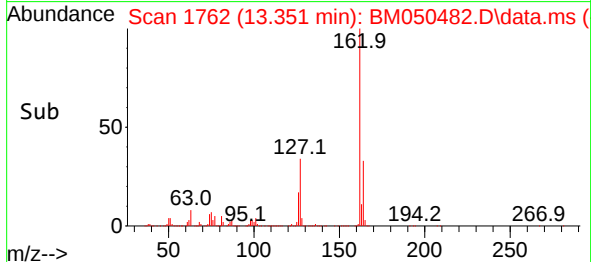
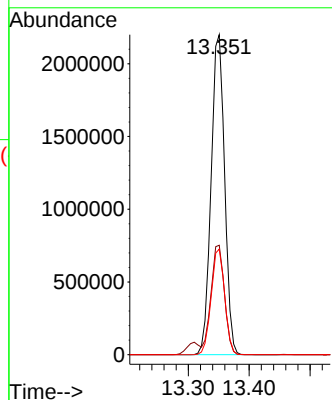
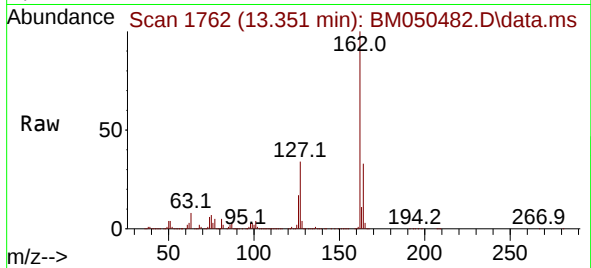




#47
2-Chloronaphthalene
Concen: 42.665 ng
RT: 13.351 min Scan# 1762
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

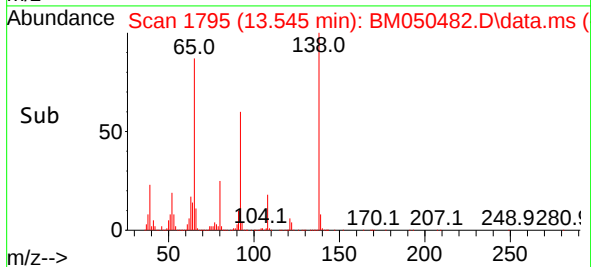
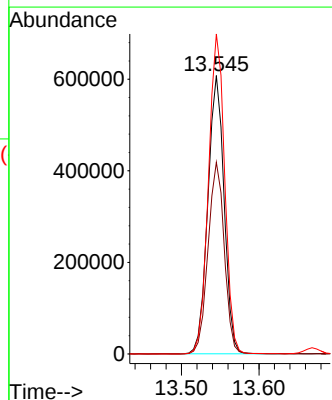
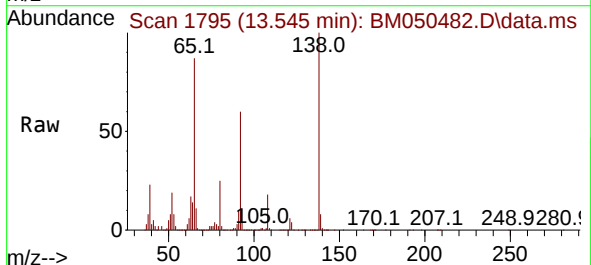
Instrument :
BNA_M
ClientSampleId :

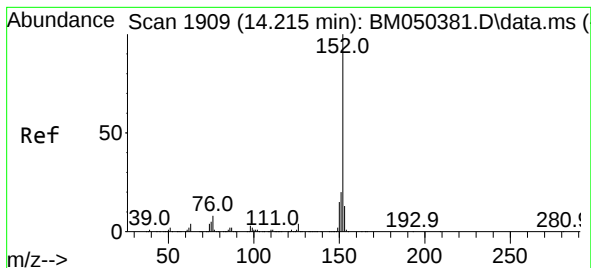
Tgt Ion:162 Resp: 3392904
Ion Ratio Lower Upper
162 100
127 34.2 28.3 42.5
164 33.0 26.6 40.0



#48
2-Nitroaniline
Concen: 49.782 ng
RT: 13.545 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Tgt Ion: 65 Resp: 883658
Ion Ratio Lower Upper
65 100
92 68.9 54.3 81.5
138 114.9 87.8 131.6





#49

Acenaphthylene

Concen: 44.572 ng

RT: 14.192 min Scan# 1905

Delta R.T. -0.006 min

Lab File: BM050482.D

Acq: 22 Jul 2025 12:08

Instrument :

BNA_M

ClientSampleId :

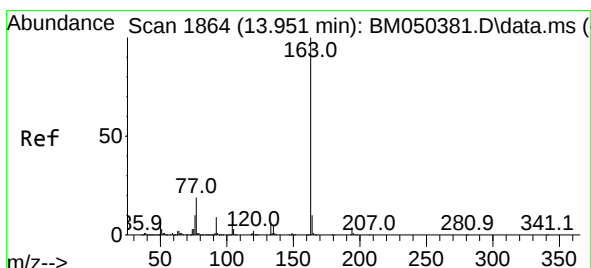
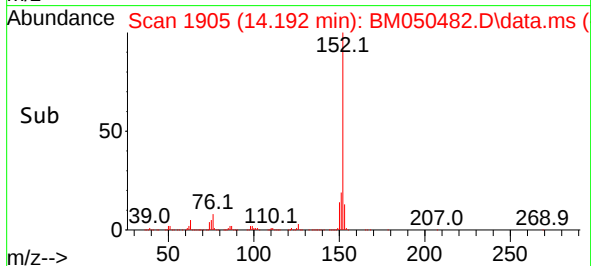
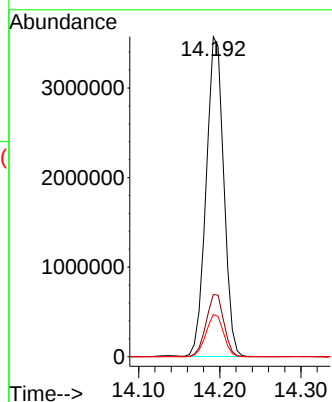
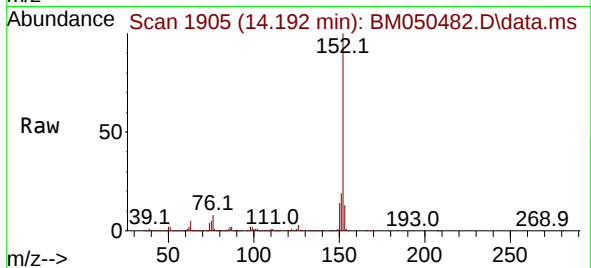
Tgt Ion:152 Resp: 5356853

Ion Ratio Lower Upper

152 100

151 19.4 16.3 24.5

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 44.780 ng

RT: 13.927 min Scan# 1860

Delta R.T. -0.006 min

Lab File: BM050482.D

Acq: 22 Jul 2025 12:08

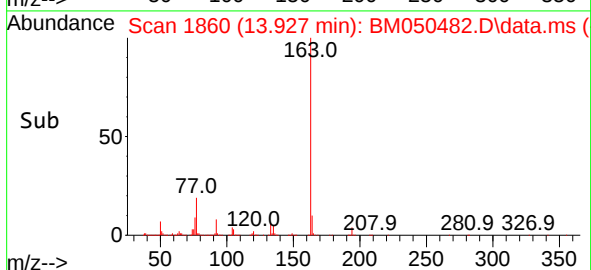
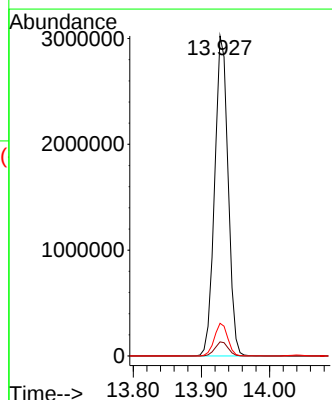
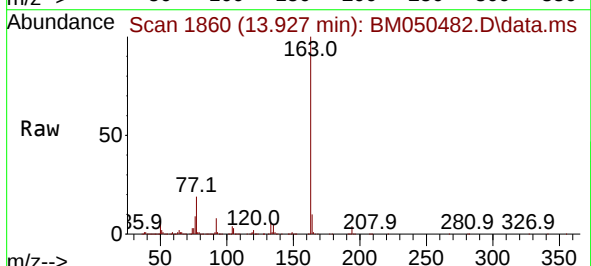
Tgt Ion:163 Resp: 4144609

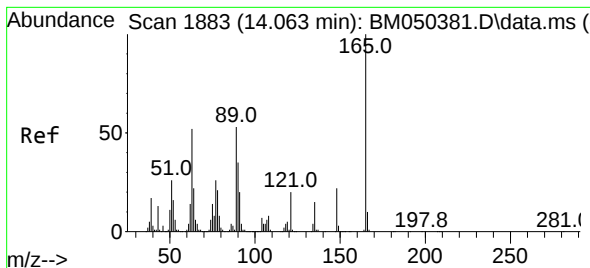
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 10.2 8.2 12.2

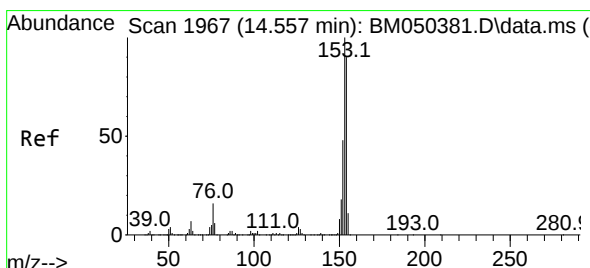
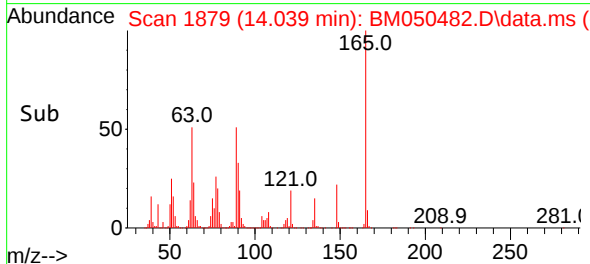
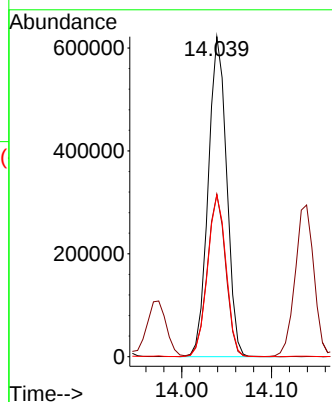
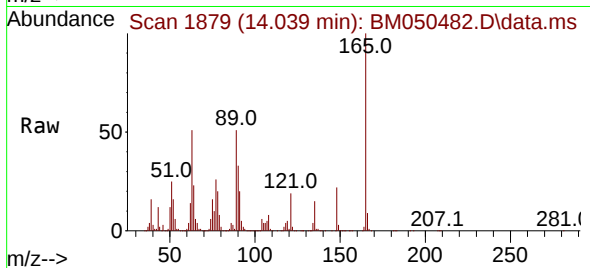




#51
2,6-Dinitrotoluene
Concen: 49.821 ng
RT: 14.039 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

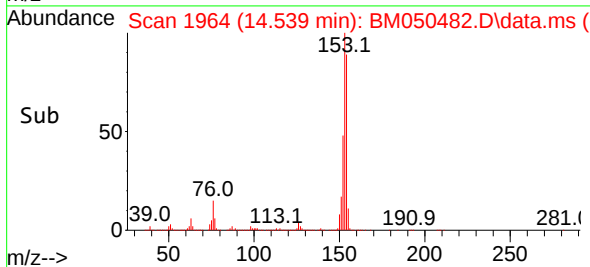
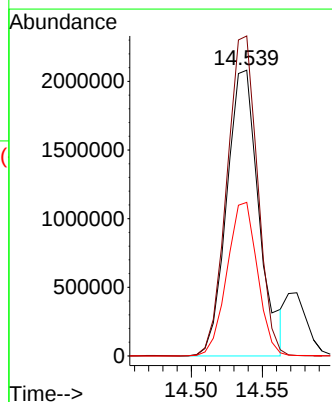
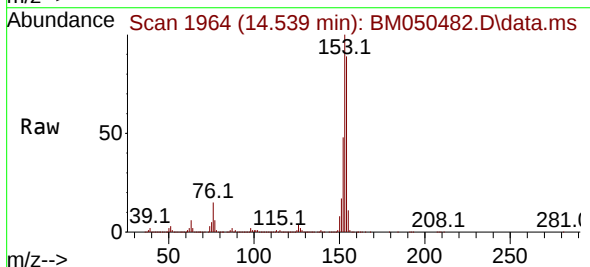
Instrument :
BNA_M
ClientSampleId :

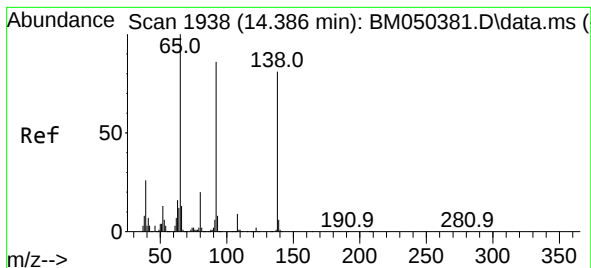
Tgt Ion:165 Resp: 885364
Ion Ratio Lower Upper
165 100
63 50.7 42.4 63.6
89 50.6 42.2 63.2



#52
Acenaphthene
Concen: 42.937 ng
RT: 14.539 min Scan# 1964
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Tgt Ion:154 Resp: 3280712
Ion Ratio Lower Upper
154 100
153 112.0 89.2 133.8
152 53.7 42.6 64.0

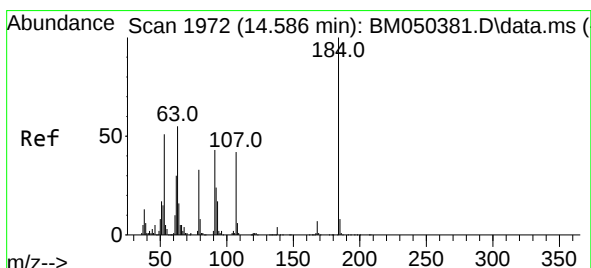
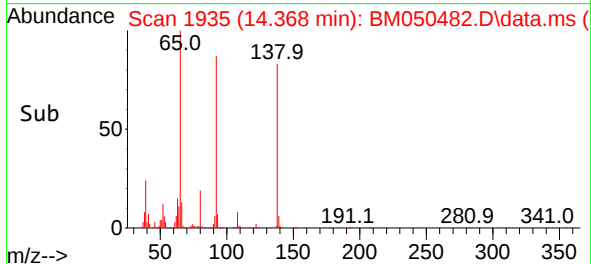
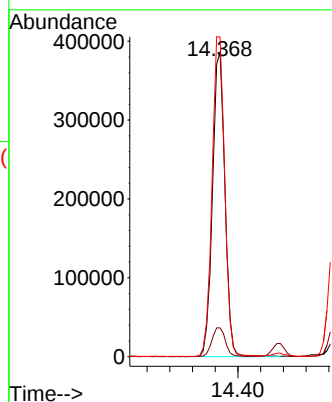
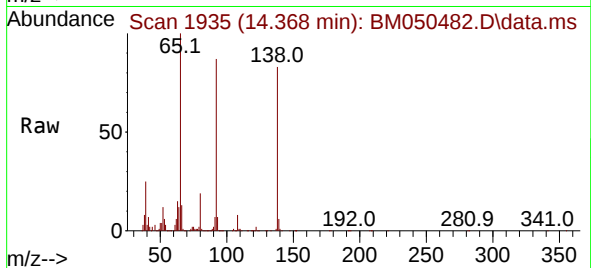




#53
3-Nitroaniline
Concen: 30.805 ng
RT: 14.368 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

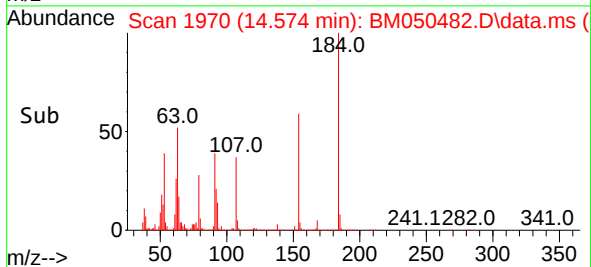
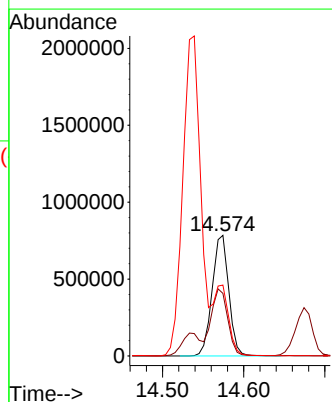
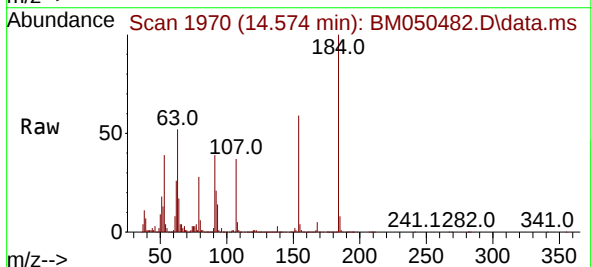
Instrument :
BNA_M
ClientSampleId :

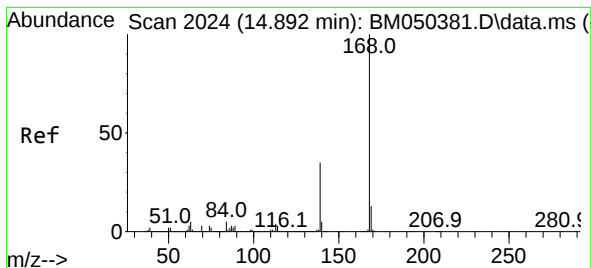
Tgt Ion:138 Resp: 582189
Ion Ratio Lower Upper
138 100
108 9.5 8.8 13.2
92 105.0 85.0 127.6



#54
2,4-Dinitrophenol
Concen: 110.848 ng
RT: 14.574 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

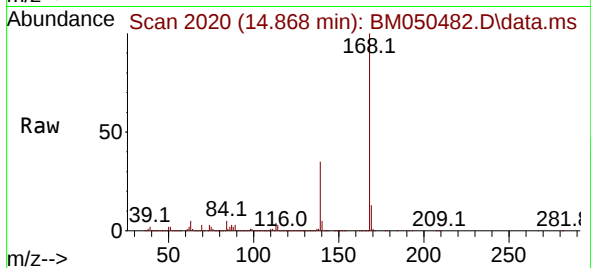
Tgt Ion:184 Resp: 1113316
Ion Ratio Lower Upper
184 100
63 51.8 53.4 80.0#
154 58.8 61.6 92.4#



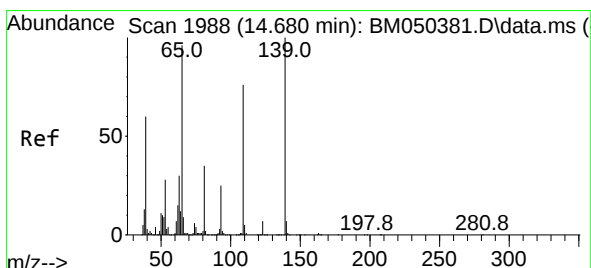
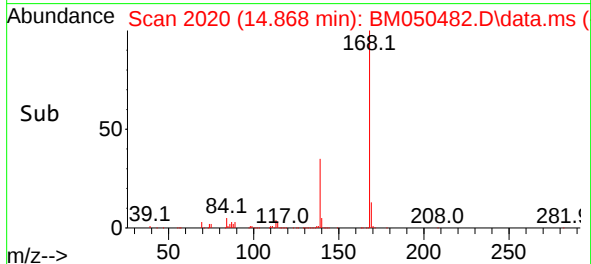
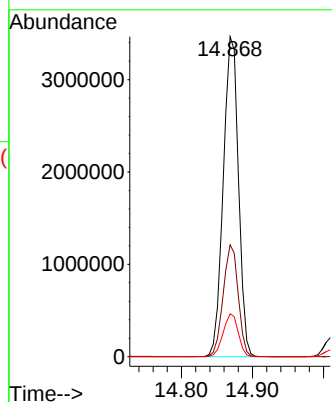


#55
Dibenzofuran
Concen: 43.484 ng
RT: 14.868 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Instrument :
BNA_M
ClientSampleId :

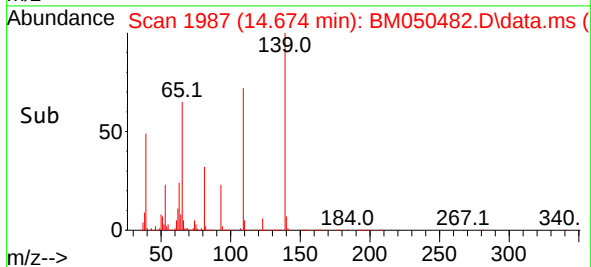
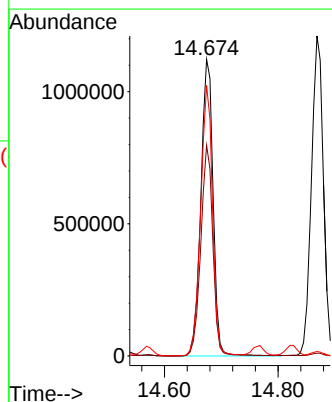
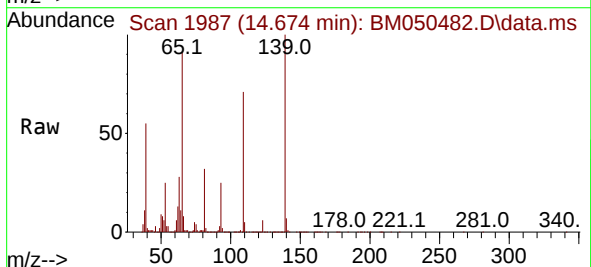


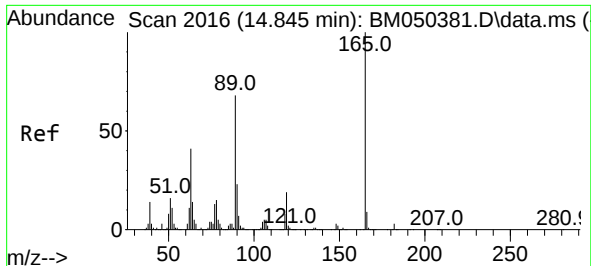
Tgt Ion:168 Resp: 5119385
Ion Ratio Lower Upper
168 100
139 34.9 27.7 41.5
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 103.353 ng
RT: 14.674 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

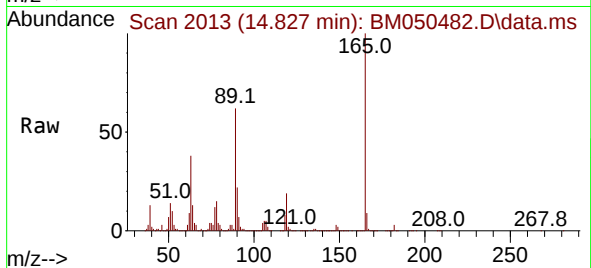
Tgt Ion:139 Resp: 1679738
Ion Ratio Lower Upper
139 100
109 71.1 56.5 96.5
65 91.2 76.4 116.4



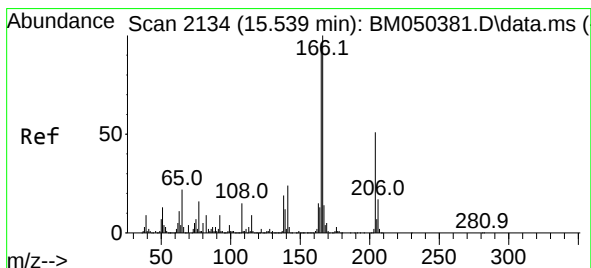
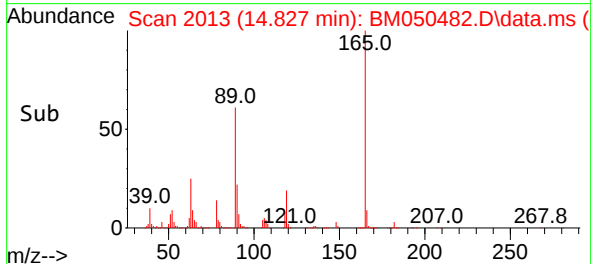
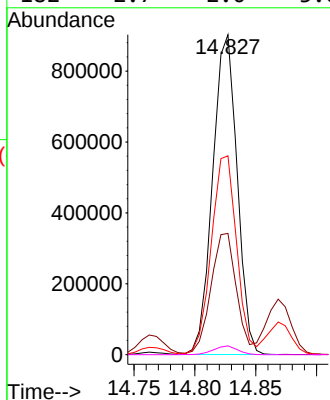


#57
2,4-Dinitrotoluene
Concen: 47.519 ng
RT: 14.827 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Instrument :
BNA_M
ClientSampleId :

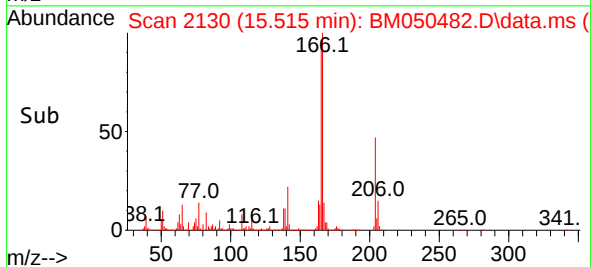
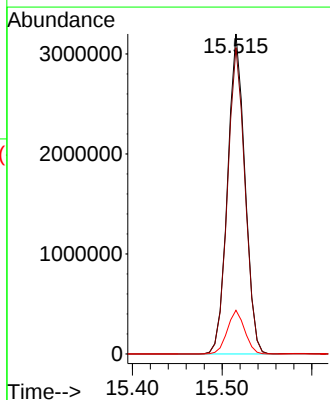
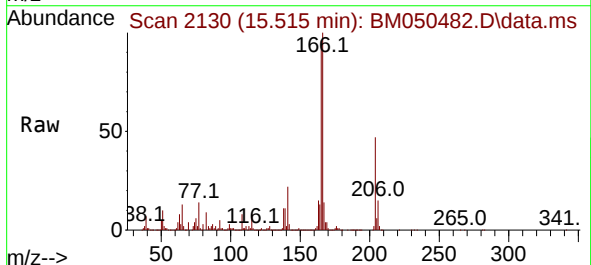


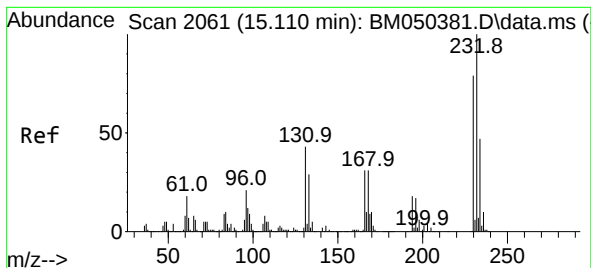
Tgt Ion:165 Resp: 1263370
Ion Ratio Lower Upper
165 100
63 37.9 32.5 48.7
89 62.1 54.0 81.0
182 2.7 2.0 3.0



#58
Fluorene
Concen: 44.308 ng
RT: 15.515 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Tgt Ion:166 Resp: 4296582
Ion Ratio Lower Upper
166 100
165 95.7 77.0 115.6
167 13.6 10.9 16.3

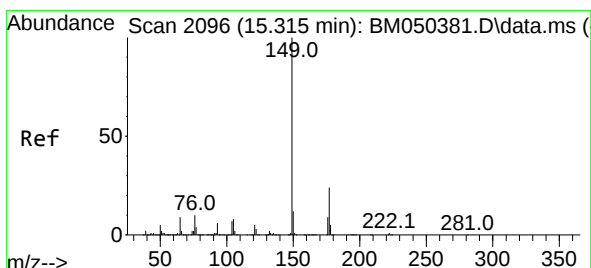
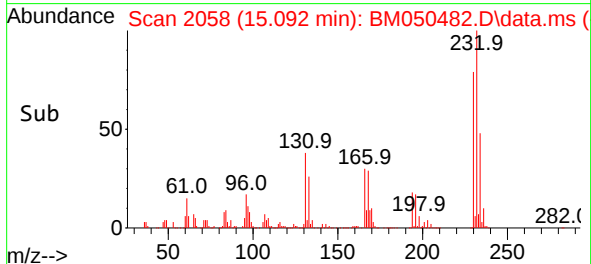
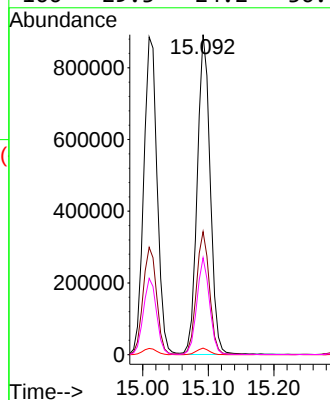
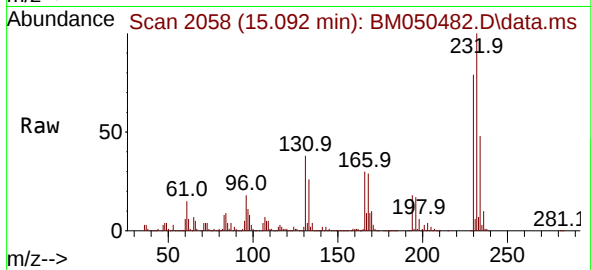




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.773 ng
RT: 15.092 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

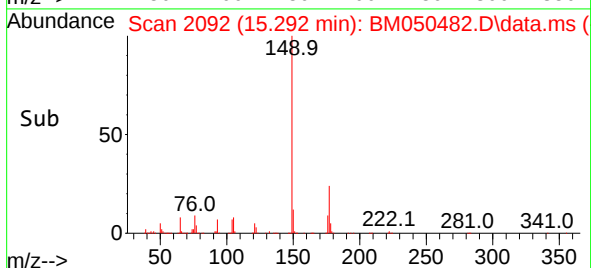
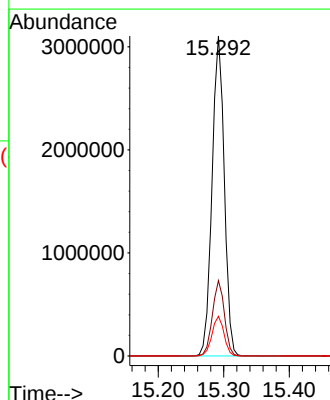
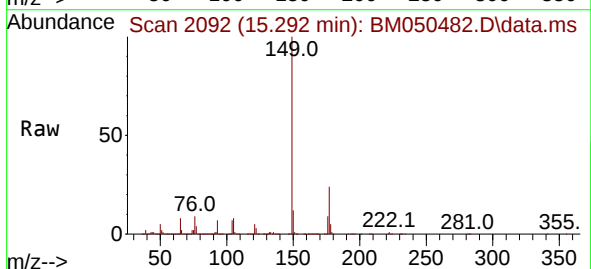
Instrument :
BNA_M
ClientSampleId :

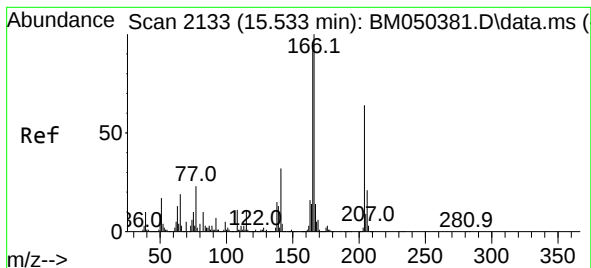
Tgt Ion:232 Resp: 1228348
Ion Ratio Lower Upper
232 100
131 38.5 33.4 50.0
130 2.0 1.8 2.6
166 29.3 24.2 36.4



#60
Diethylphthalate
Concen: 45.437 ng
RT: 15.292 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Tgt Ion:149 Resp: 4017176
Ion Ratio Lower Upper
149 100
177 23.6 18.8 28.2
150 12.4 9.8 14.8

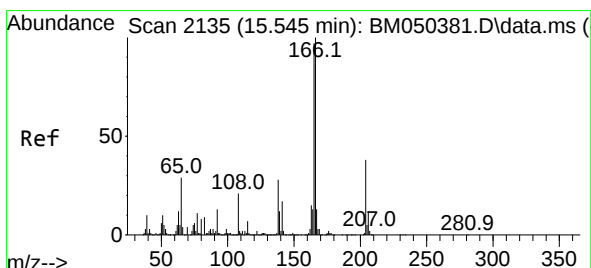
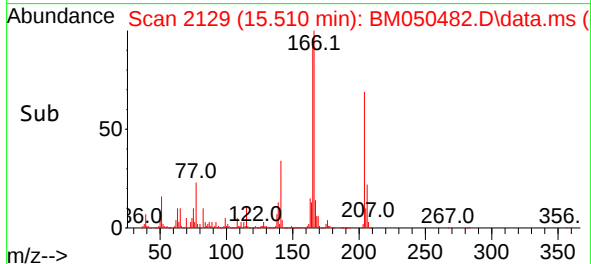
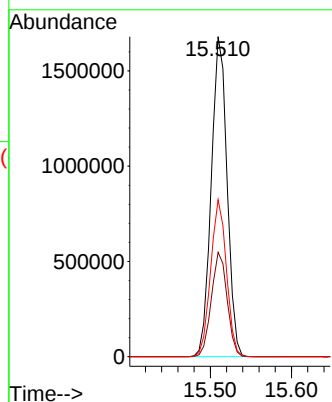
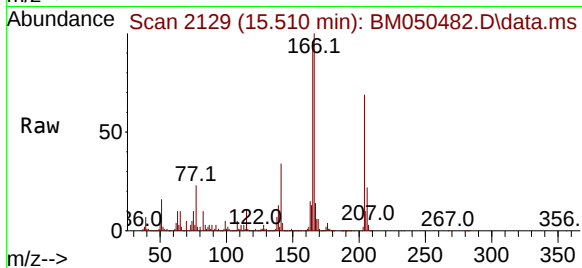




#61
4-Chlorophenyl-phenylether
Concen: 44.680 ng
RT: 15.510 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

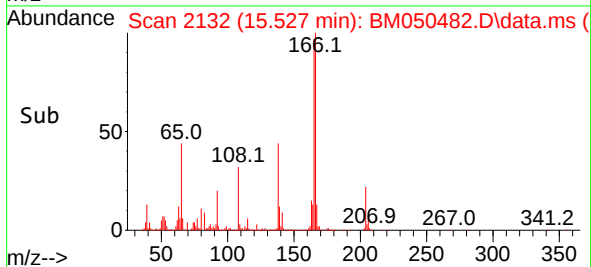
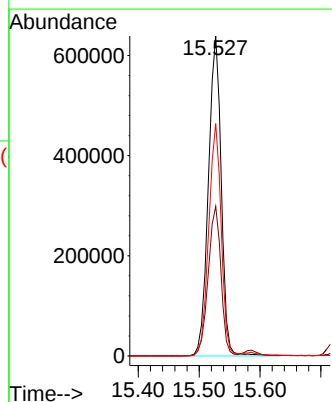
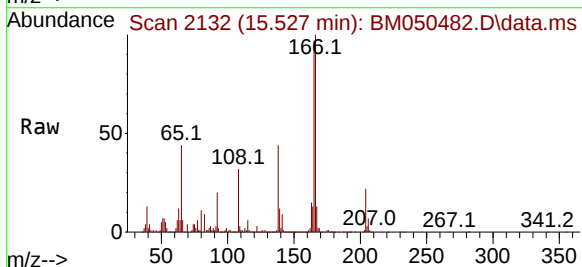
Instrument :
BNA_M
ClientSampleId :

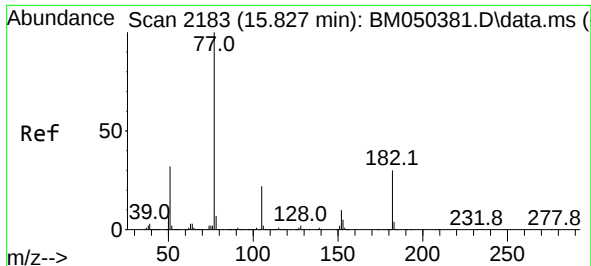
Tgt Ion:204 Resp: 2265529
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 49.0 39.9 59.9



#62
4-Nitroaniline
Concen: 43.489 ng
RT: 15.527 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Tgt Ion:138 Resp: 939307
Ion Ratio Lower Upper
138 100
92 46.7 24.5 64.5
108 72.6 52.5 92.5

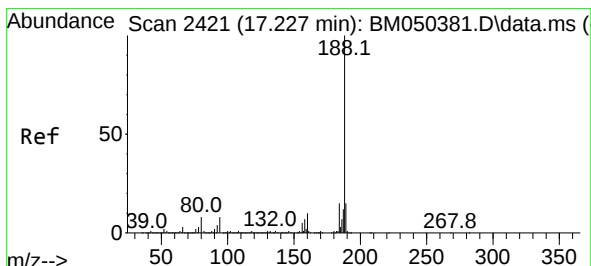
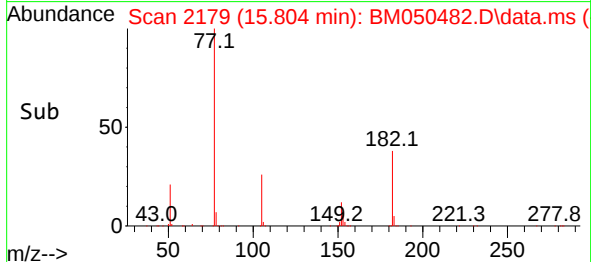
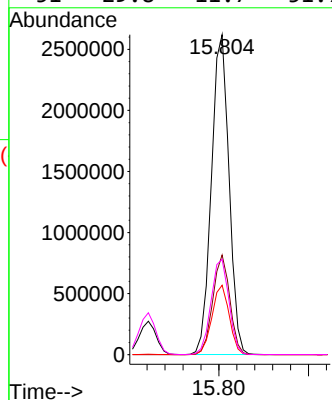
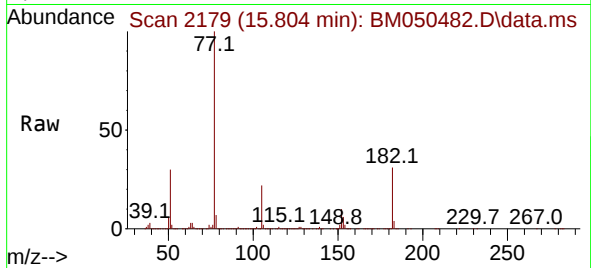




#63
Azobenzene
Concen: 43.861 ng
RT: 15.804 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

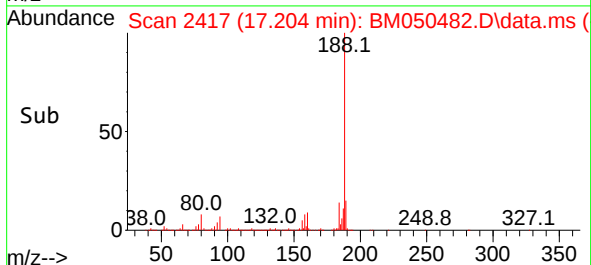
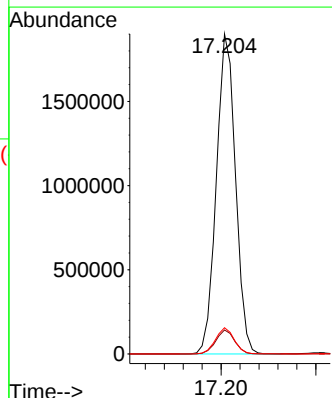
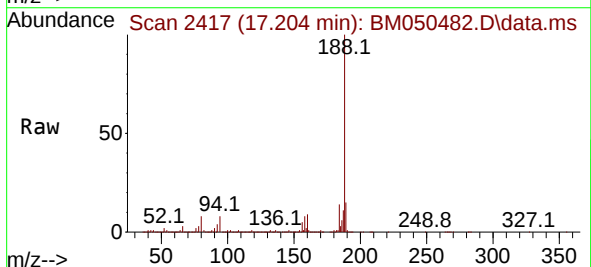
Instrument :
BNA_M
ClientSampleId :

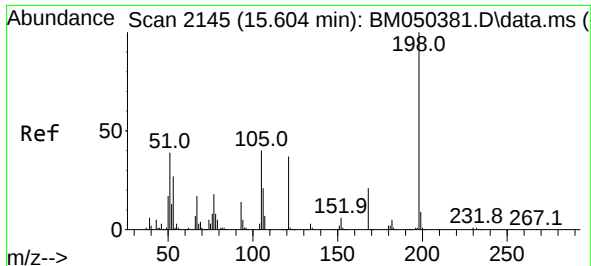
Tgt Ion: 77 Resp: 3560760
Ion Ratio Lower Upper
77 100
182 31.2 10.0 50.0
105 21.7 2.0 42.0
51 29.8 11.7 51.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Tgt Ion:188 Resp: 2665592
Ion Ratio Lower Upper
188 100
94 7.5 6.0 9.0
80 8.2 6.5 9.7

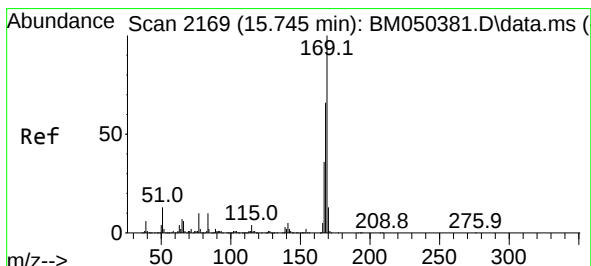
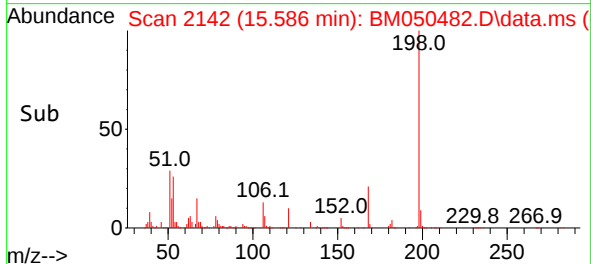
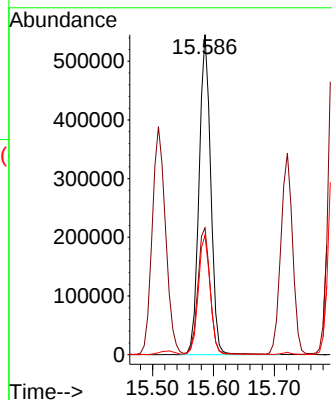
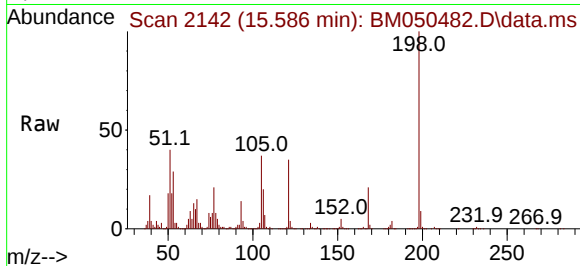




#65
4,6-Dinitro-2-methylphenol
Concen: 50.146 ng
RT: 15.586 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

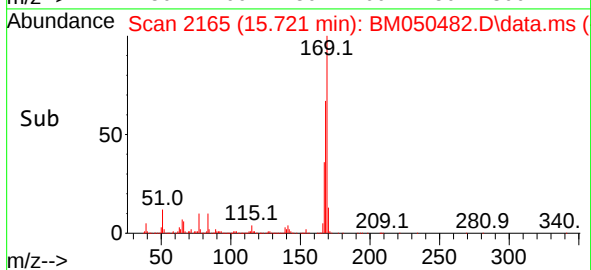
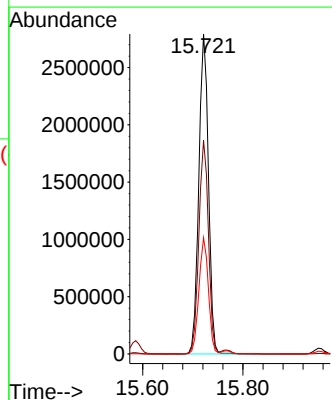
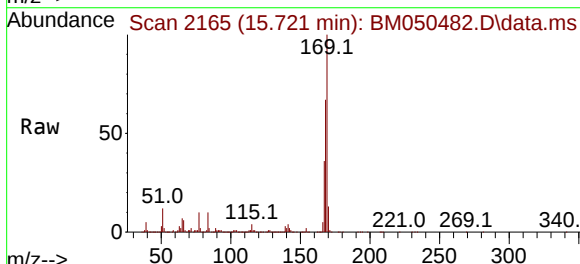
Instrument :
BNA_M
ClientSampleId :

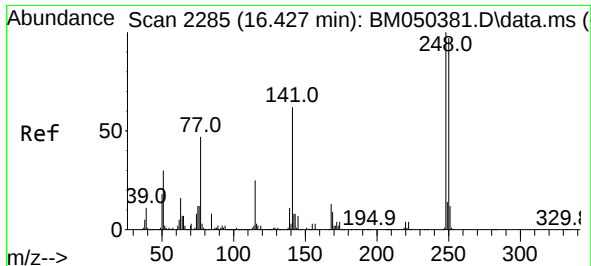
Tgt Ion:198 Resp: 723403
Ion Ratio Lower Upper
198 100
51 39.6 26.6 66.6
105 37.3 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 44.405 ng
RT: 15.721 min Scan# 2165
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Tgt Ion:169 Resp: 3703857
Ion Ratio Lower Upper
169 100
168 66.8 53.2 79.8
167 36.3 28.7 43.1

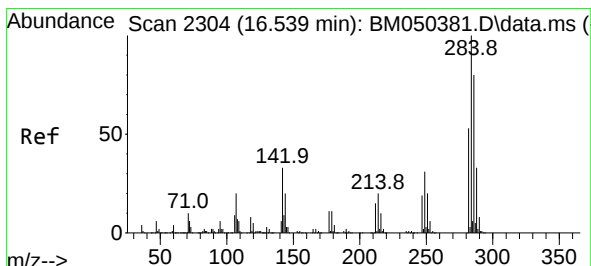
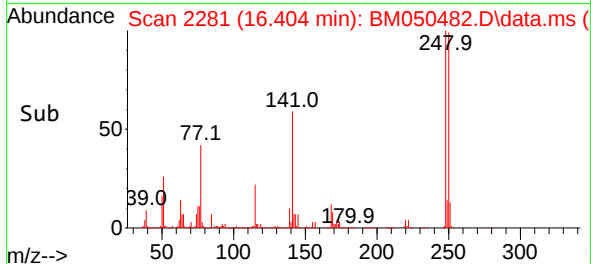
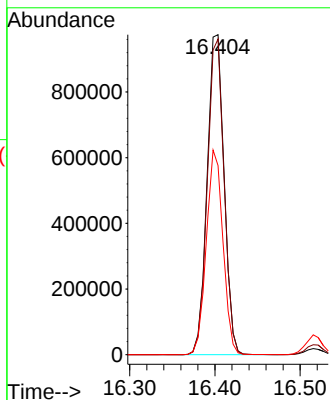
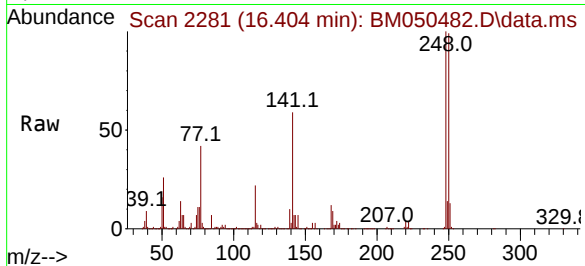




#67
4-Bromophenyl-phenylether
Concen: 45.858 ng
RT: 16.404 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

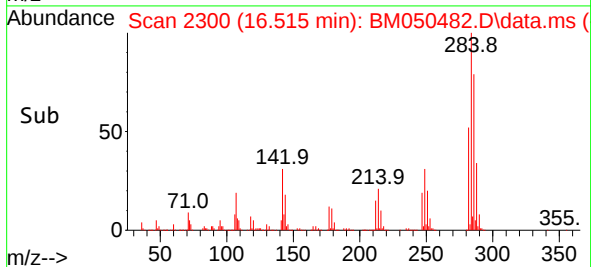
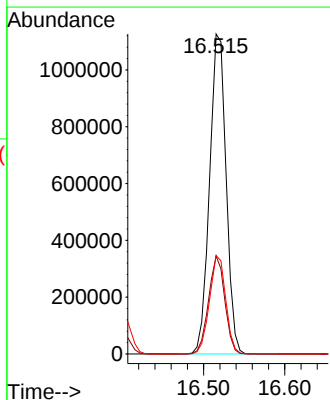
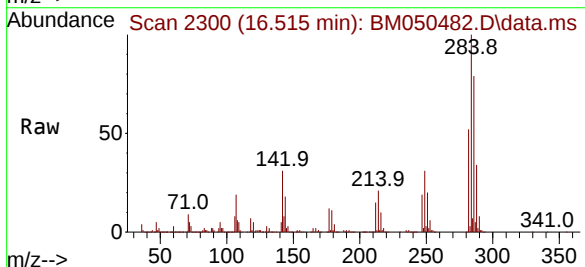
Instrument :
BNA_M
ClientSampleId :

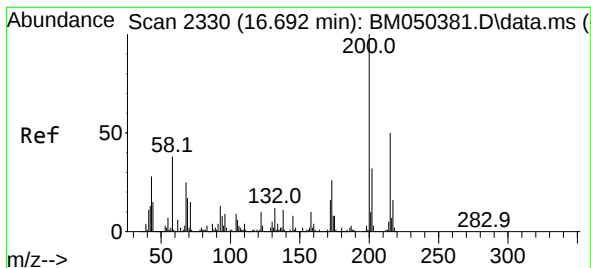
Tgt Ion:248 Resp: 1346801
Ion Ratio Lower Upper
248 100
250 98.6 77.9 116.9
141 59.1 49.7 74.5



#68
Hexachlorobenzene
Concen: 45.829 ng
RT: 16.515 min Scan# 2300
Delta R.T. -0.006 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Tgt Ion:284 Resp: 1589638
Ion Ratio Lower Upper
284 100
142 30.7 26.8 40.2
249 30.7 24.5 36.7





#69

Atrazine

Concen: 48.059 ng

RT: 16.668 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050482.D

Acq: 22 Jul 2025 12:08

Instrument :

BNA_M

ClientSampleId :

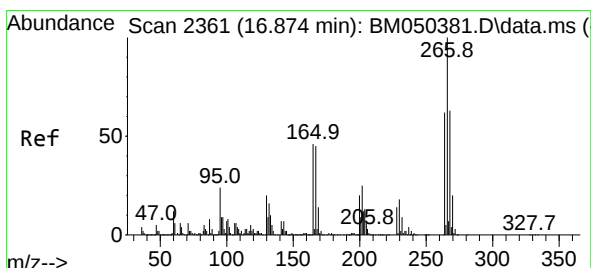
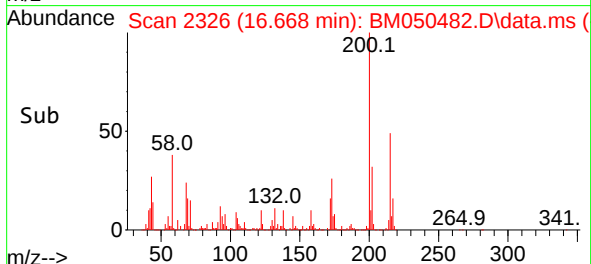
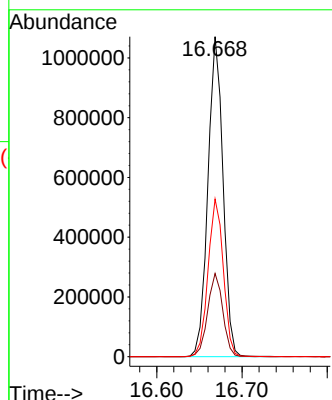
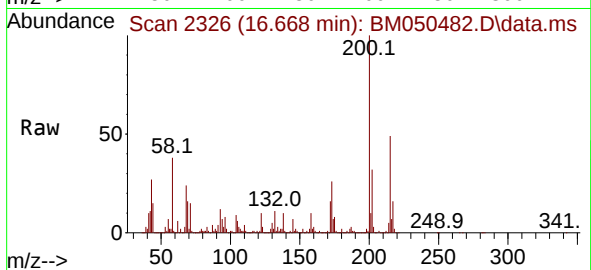
Tgt Ion:200 Resp: 1316303

Ion Ratio Lower Upper

200 100

173 26.0 5.6 45.6

215 49.3 29.6 69.6



#70

Pentachlorophenol

Concen: 103.674 ng

RT: 16.857 min Scan# 2358

Delta R.T. 0.000 min

Lab File: BM050482.D

Acq: 22 Jul 2025 12:08

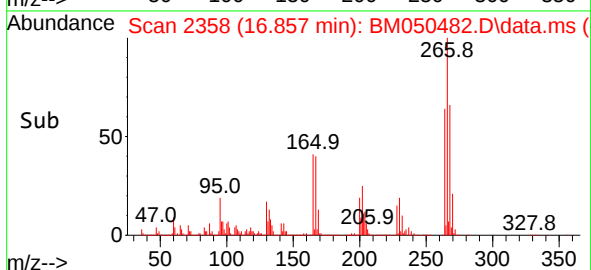
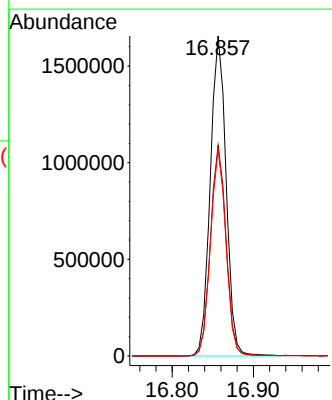
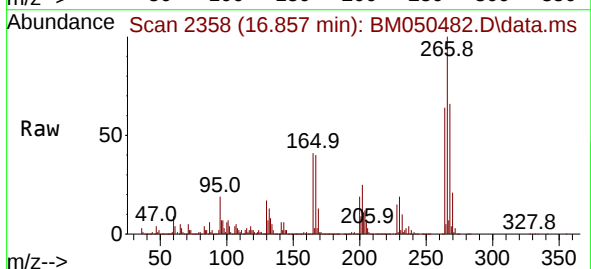
Tgt Ion:266 Resp: 2238621

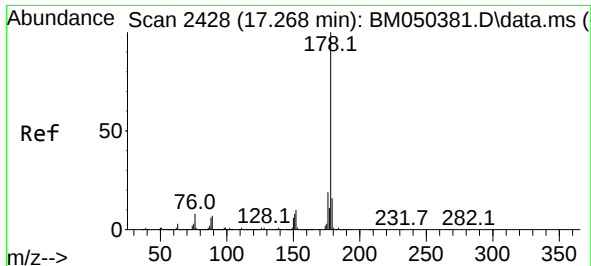
Ion Ratio Lower Upper

266 100

268 65.8 50.5 75.7

264 64.4 49.9 74.9

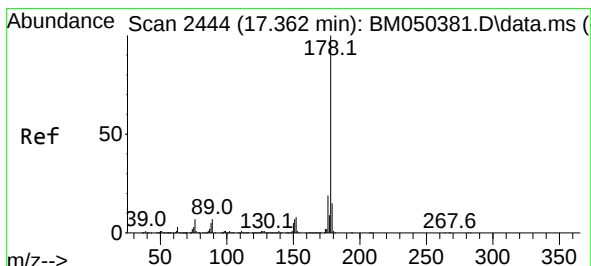
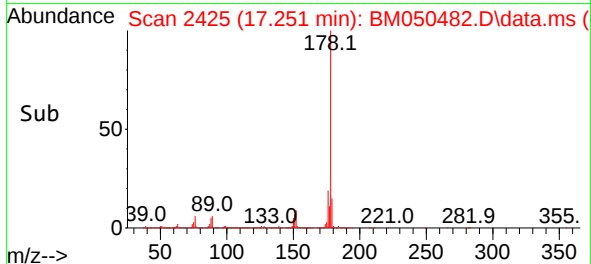
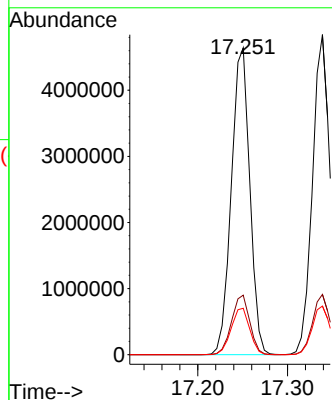
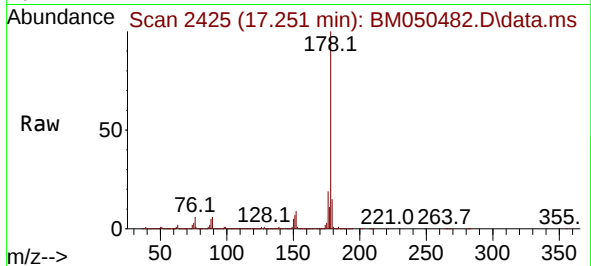




#71
Phenanthrene
Concen: 43.897 ng
RT: 17.251 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

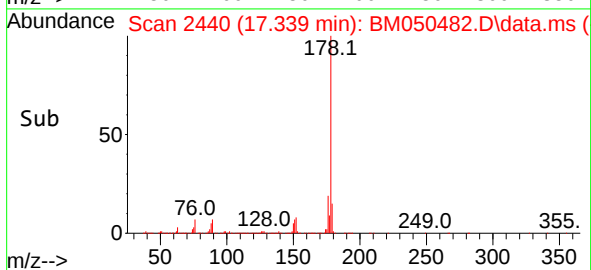
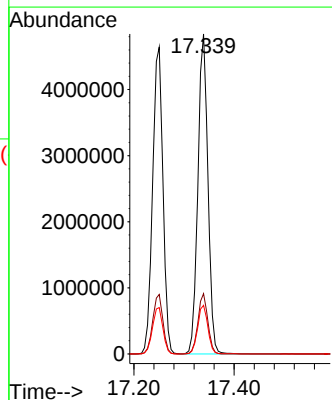
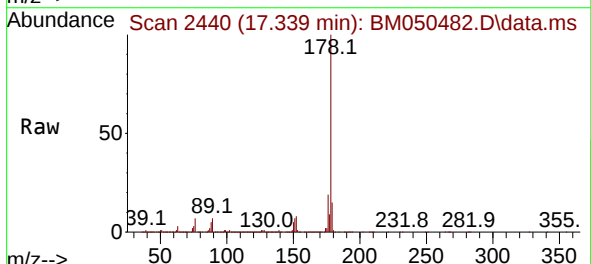
Instrument :
BNA_M
ClientSampleId :

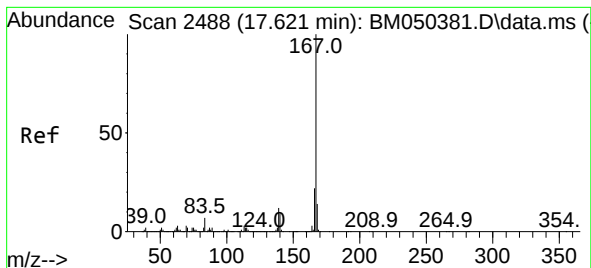
Tgt Ion:178 Resp: 6621207
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.1 12.5 18.7



#72
Anthracene
Concen: 44.609 ng
RT: 17.339 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Tgt Ion:178 Resp: 6697664
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.2 12.2 18.4





#73

Carbazole

Concen: 45.644 ng

RT: 17.604 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM050482.D

Acq: 22 Jul 2025 12:08

Instrument :

BNA_M

ClientSampleId :

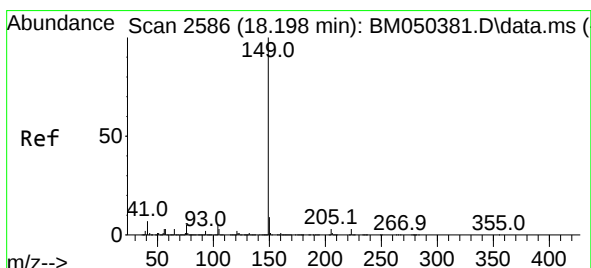
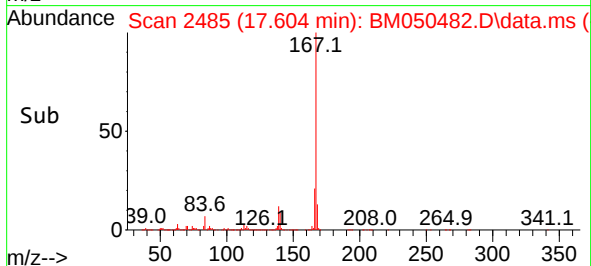
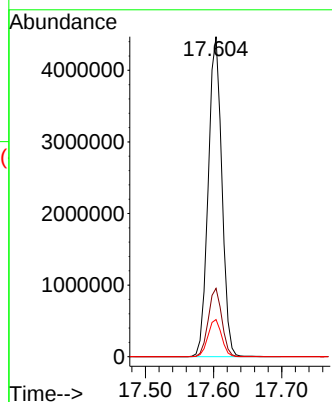
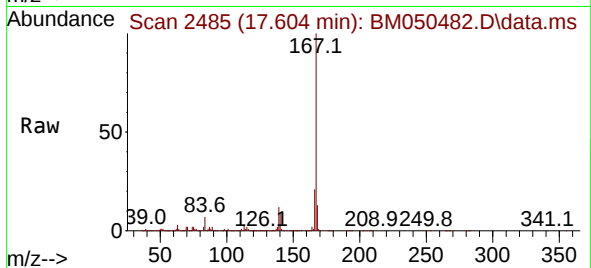
Tgt Ion:167 Resp: 6200693

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 11.6 9.9 14.9



#74

Di-n-butylphthalate

Concen: 45.232 ng

RT: 18.168 min Scan# 2581

Delta R.T. -0.006 min

Lab File: BM050482.D

Acq: 22 Jul 2025 12:08

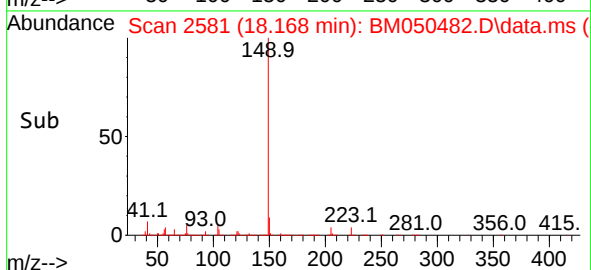
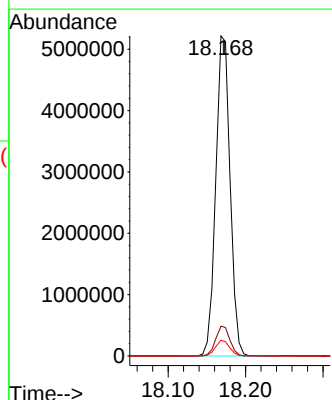
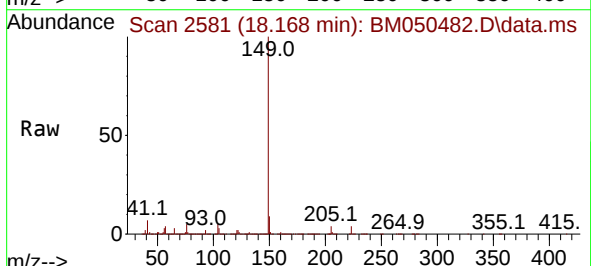
Tgt Ion:149 Resp: 6725718

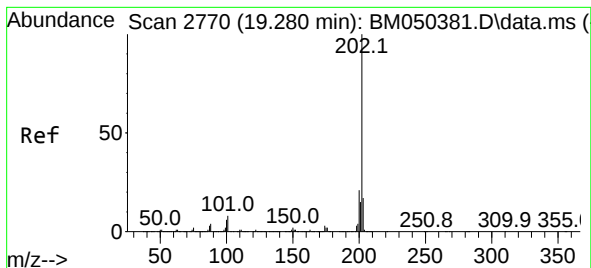
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 4.9 3.9 5.9





#75

Fluoranthene

Concen: 47.040 ng

RT: 19.256 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050482.D

Acq: 22 Jul 2025 12:08

Instrument :

BNA_M

ClientSampleId :

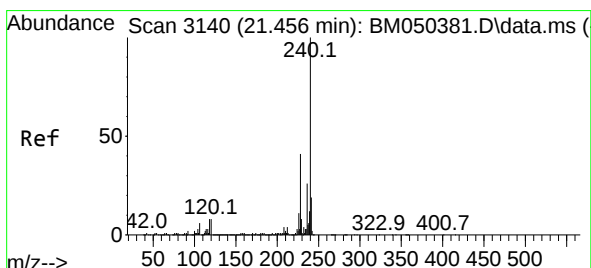
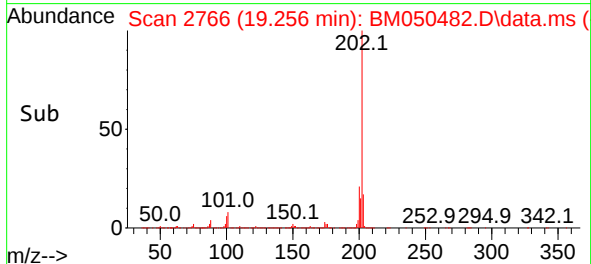
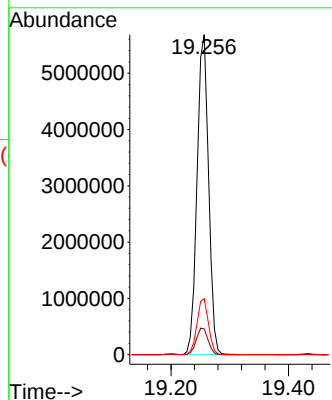
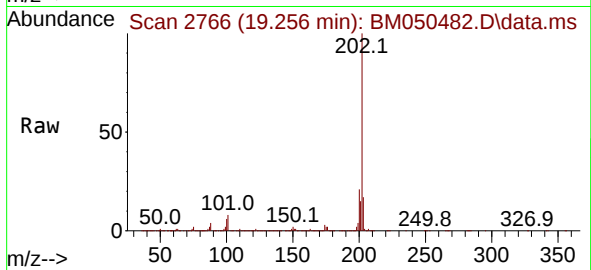
Tgt Ion:202 Resp: 7713352

Ion Ratio Lower Upper

202 100

101 8.1 0.0 28.3

203 17.5 0.0 37.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 3135

Delta R.T. -0.006 min

Lab File: BM050482.D

Acq: 22 Jul 2025 12:08

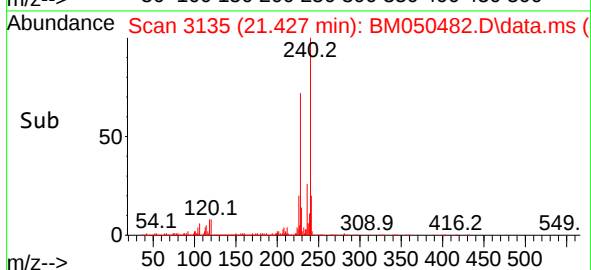
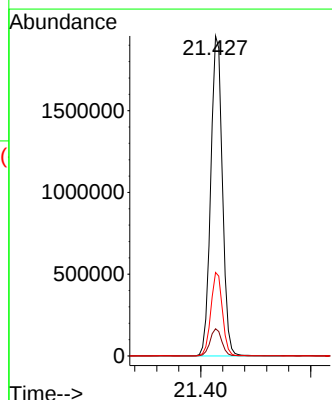
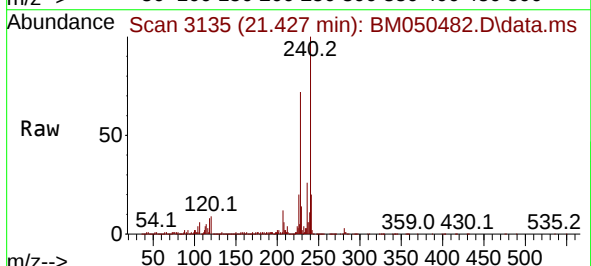
Tgt Ion:240 Resp: 2872689

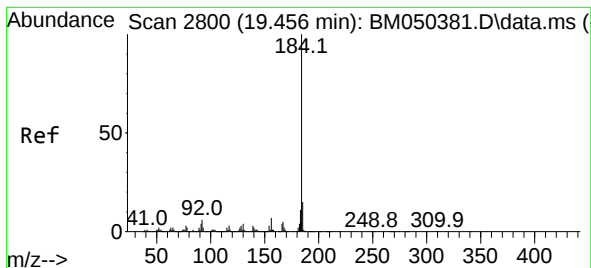
Ion Ratio Lower Upper

240 100

120 8.5 6.7 10.1

236 26.1 20.7 31.1





#77

Benzidine

Concen: 50.296 ng

RT: 19.433 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050482.D

Acq: 22 Jul 2025 12:08

Instrument :

BNA_M

ClientSampleId :

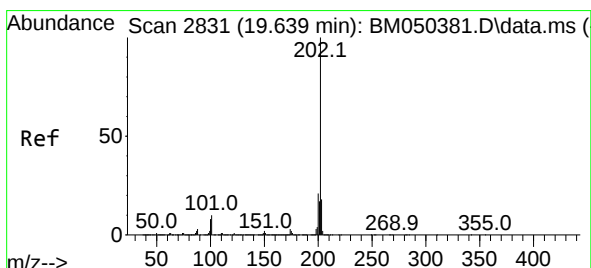
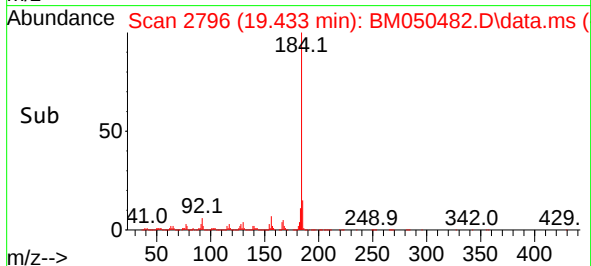
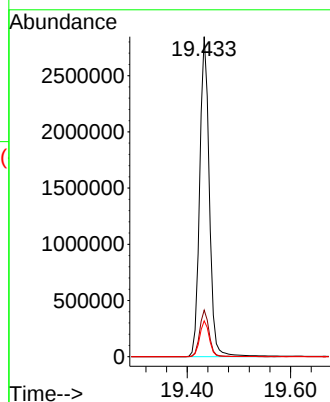
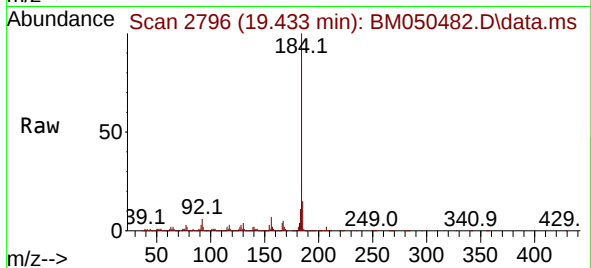
Tgt Ion:184 Resp: 3685295

Ion Ratio Lower Upper

184 100

185 14.5 11.7 17.5

183 11.2 9.0 13.6



#78

Pyrene

Concen: 44.357 ng

RT: 19.615 min Scan# 2827

Delta R.T. 0.000 min

Lab File: BM050482.D

Acq: 22 Jul 2025 12:08

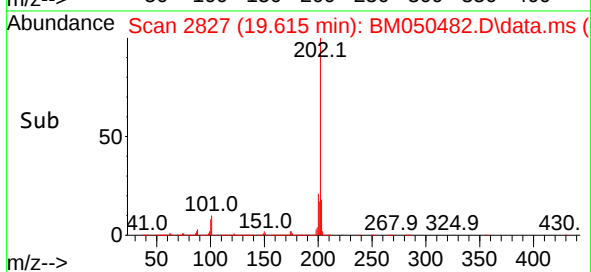
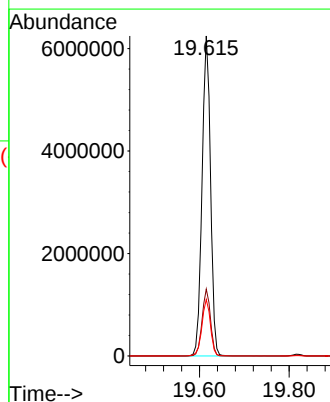
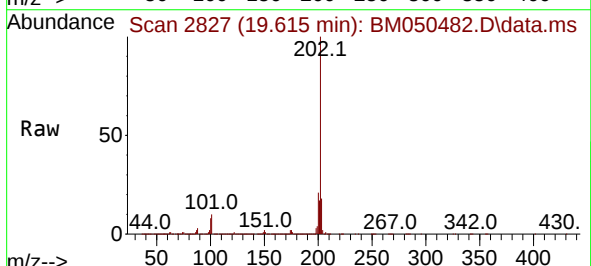
Tgt Ion:202 Resp: 8160875

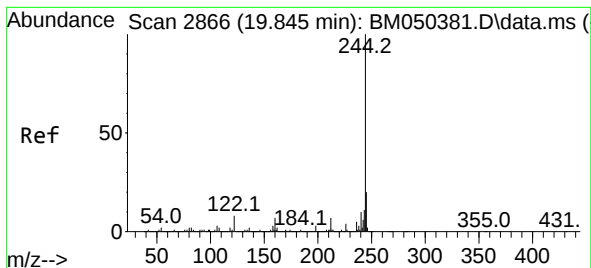
Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 72.584 ng

RT: 19.815 min Scan# 21

Delta R.T. -0.006 min

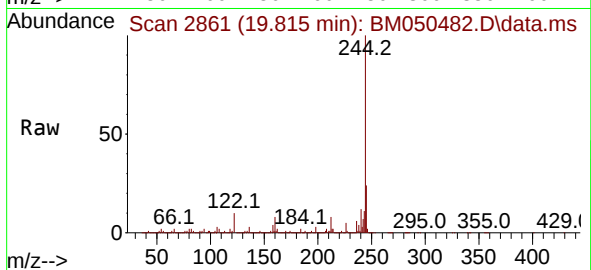
Lab File: BM050482.D

Acq: 22 Jul 2025 12:08

Instrument :

BNA_M

ClientSampleId :



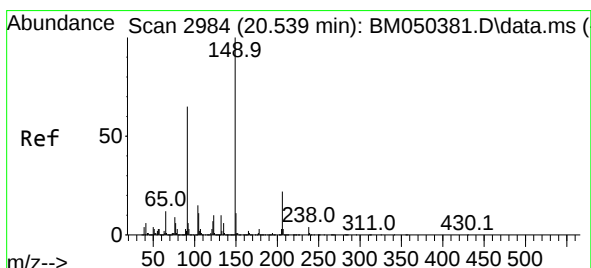
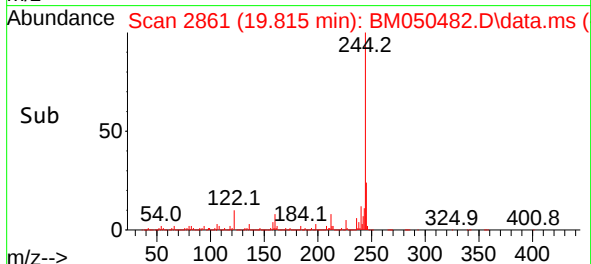
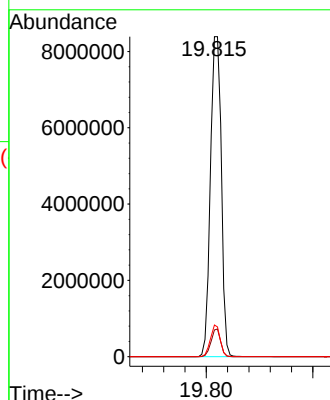
Tgt Ion:244 Resp:11850956

Ion Ratio Lower Upper

244 100

212 8.3 5.7 8.5

122 9.9 6.2 9.2#



#80

Butylbenzylphthalate

Concen: 50.172 ng

RT: 20.509 min Scan# 2979

Delta R.T. -0.006 min

Lab File: BM050482.D

Acq: 22 Jul 2025 12:08

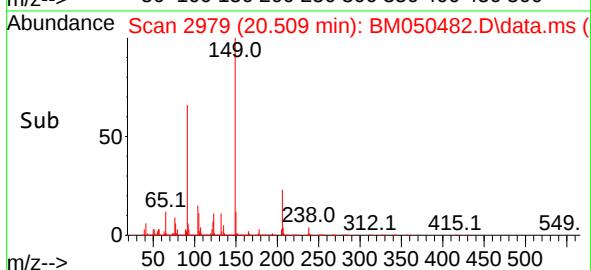
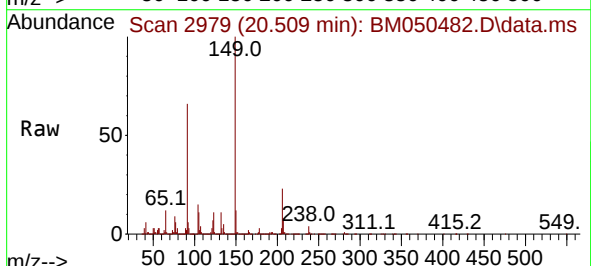
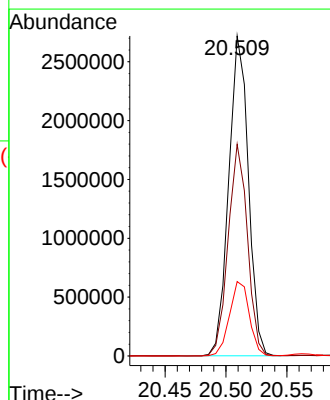
Tgt Ion:149 Resp: 3043688

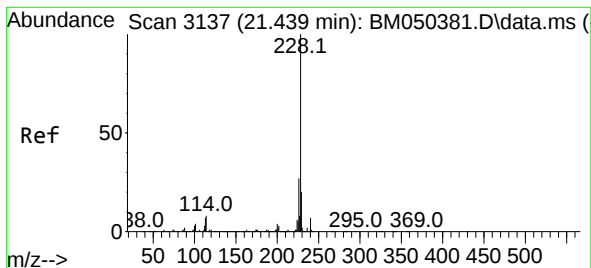
Ion Ratio Lower Upper

149 100

91 66.1 51.6 77.4

206 23.3 17.8 26.8





#81

Benzo(a)anthracene

Concen: 45.313 ng

RT: 21.409 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BM050482.D

Acq: 22 Jul 2025 12:08

Instrument :

BNA_M

ClientSampleId :

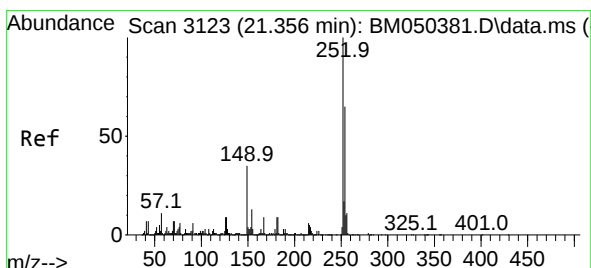
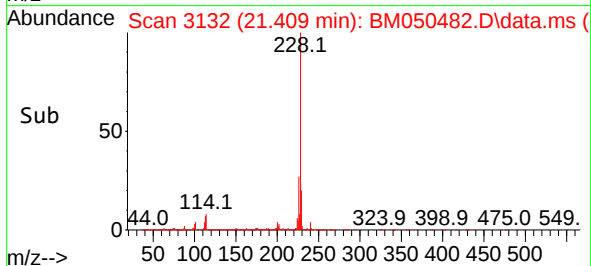
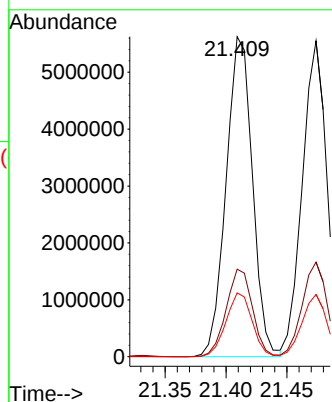
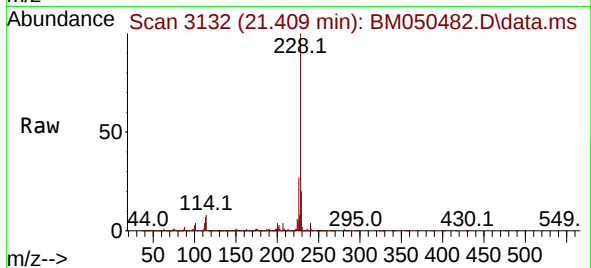
Tgt Ion:228 Resp: 8481543

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 20.0 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 28.312 ng

RT: 21.333 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BM050482.D

Acq: 22 Jul 2025 12:08

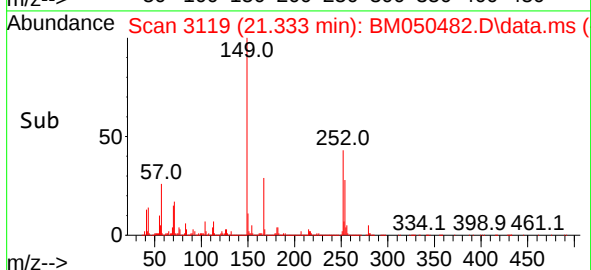
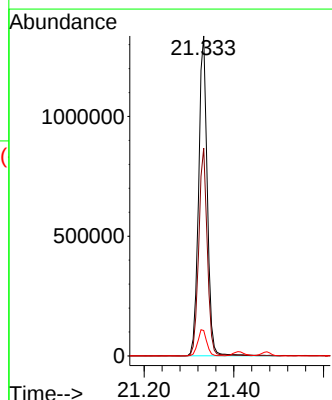
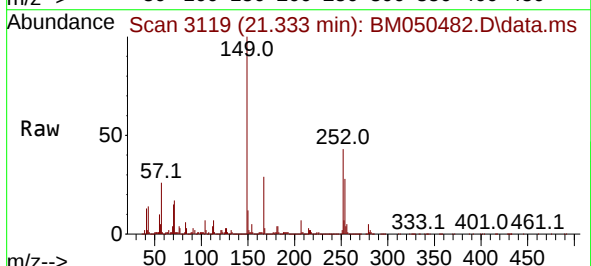
Tgt Ion:252 Resp: 1787115

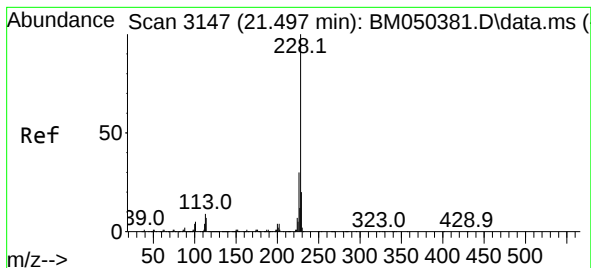
Ion Ratio Lower Upper

252 100

254 65.0 51.7 77.5

126 7.9 7.3 10.9





#83

Chrysene

Concen: 44.569 ng

RT: 21.474 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM050482.D

Acq: 22 Jul 2025 12:08

Instrument :

BNA_M

ClientSampleId :

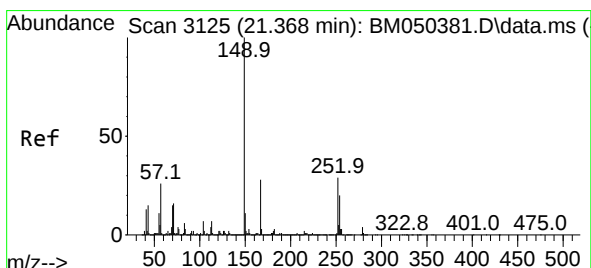
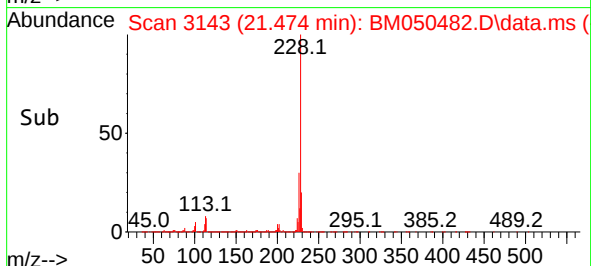
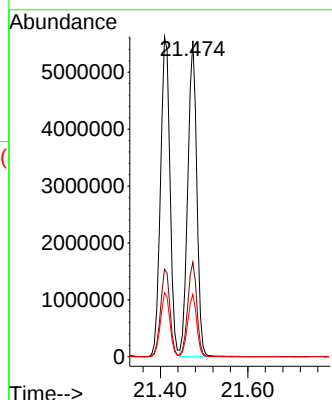
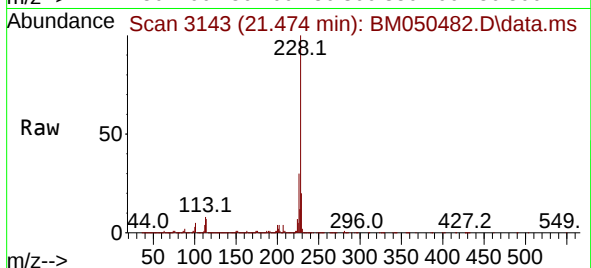
Tgt Ion:228 Resp: 7868587

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.4

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.628 ng

RT: 21.339 min Scan# 3120

Delta R.T. 0.000 min

Lab File: BM050482.D

Acq: 22 Jul 2025 12:08

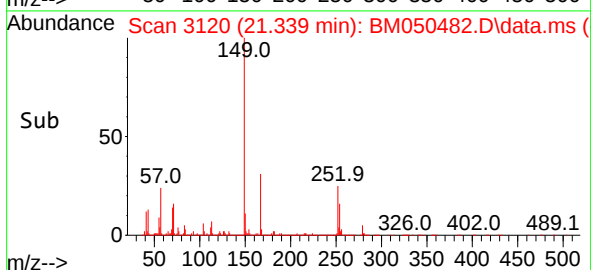
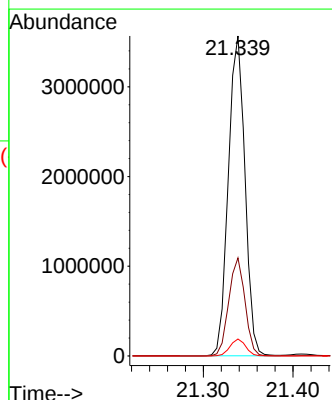
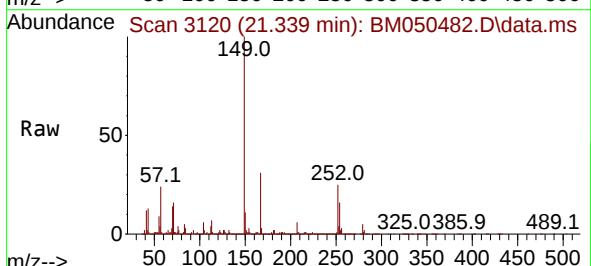
Tgt Ion:149 Resp: 4586781

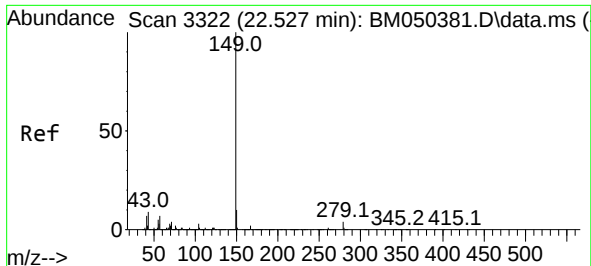
Ion Ratio Lower Upper

149 100

167 30.6 22.7 34.1

279 5.3 3.5 5.3#

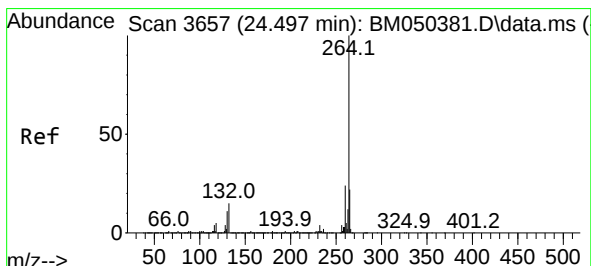
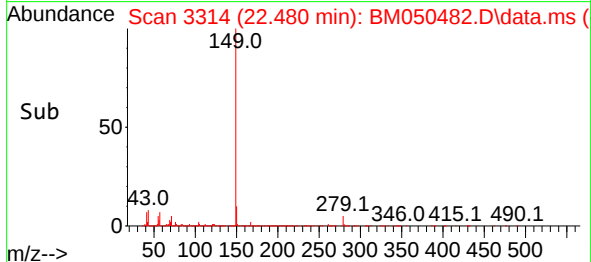
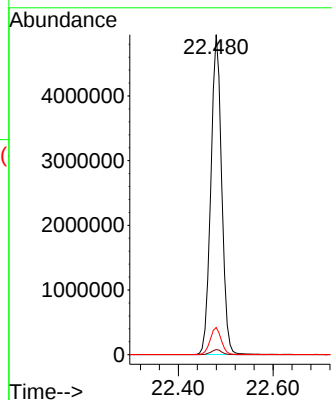
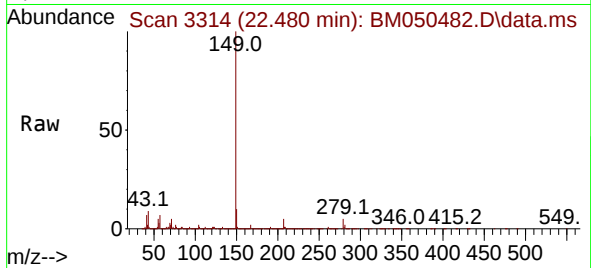




#85
Di-n-octyl phthalate
Concen: 51.956 ng
RT: 22.480 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

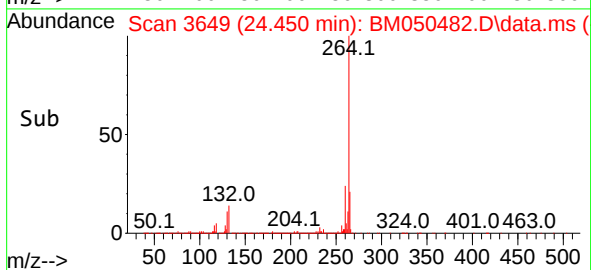
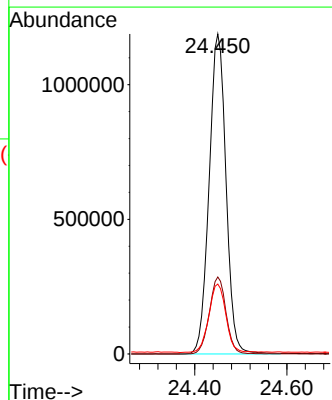
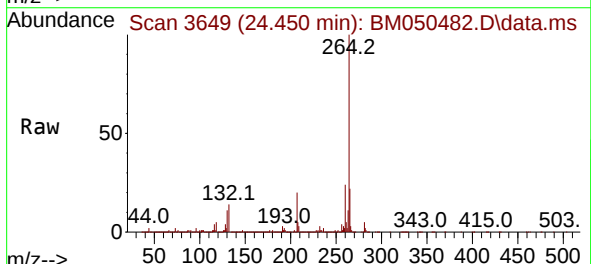
Instrument :
BNA_M
ClientSampleId :

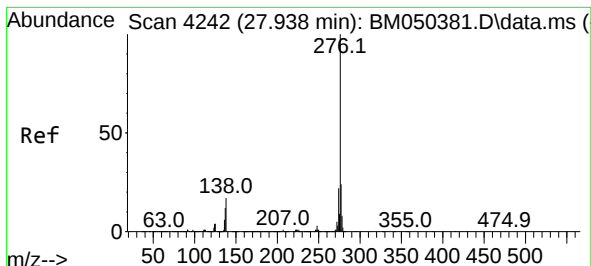
Tgt Ion:149 Resp: 7836676
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.7 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.450 min Scan# 3649
Delta R.T. -0.006 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Tgt Ion:264 Resp: 3026096
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.9 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.182 ng

RT: 27.873 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM050482.D

Acq: 22 Jul 2025 12:08

Instrument :

BNA_M

ClientSampleId :

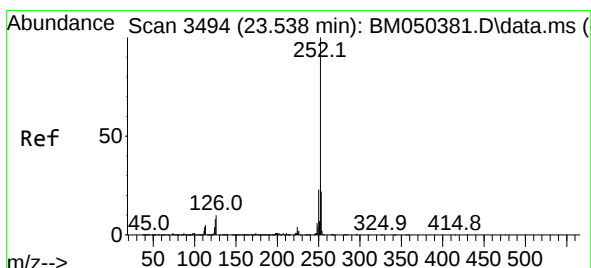
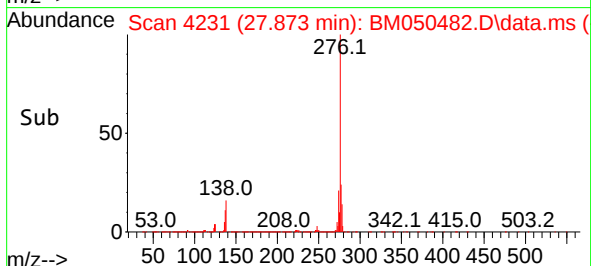
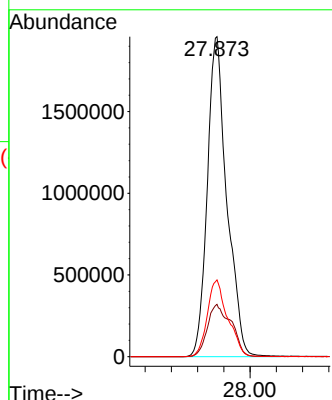
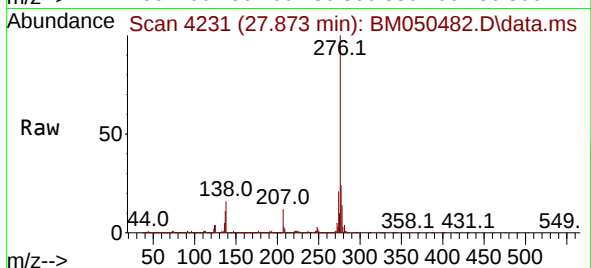
Tgt Ion:276 Resp:10151221

Ion Ratio Lower Upper

276 100

138 20.0 17.0 25.6

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 44.977 ng

RT: 23.497 min Scan# 3487

Delta R.T. -0.006 min

Lab File: BM050482.D

Acq: 22 Jul 2025 12:08

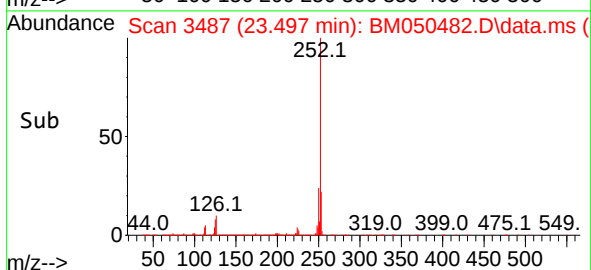
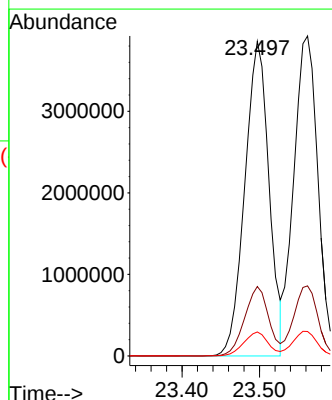
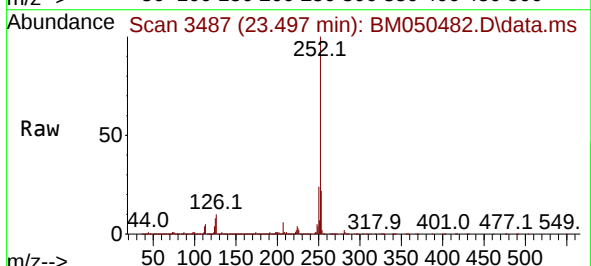
Tgt Ion:252 Resp: 8371728

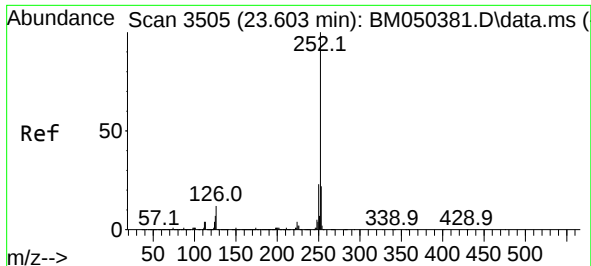
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

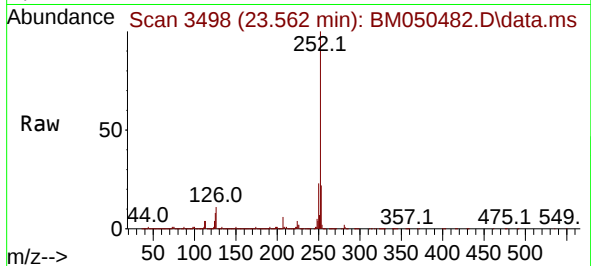
125 7.6 6.3 9.5



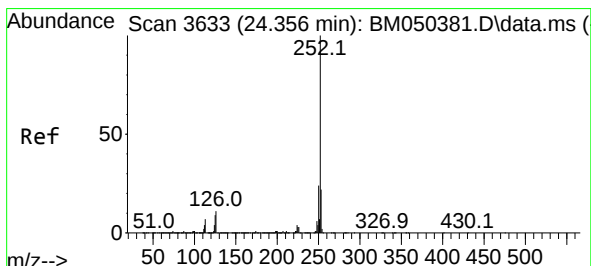
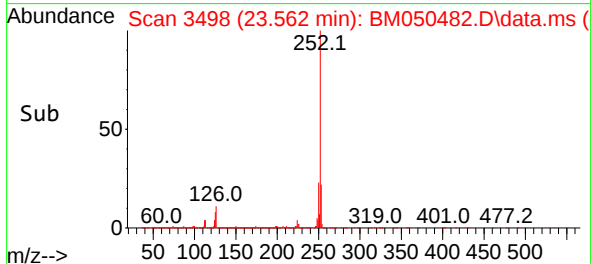
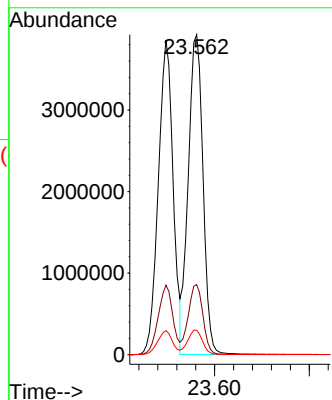


#89
Benzo(k)fluoranthene
Concen: 44.034 ng
RT: 23.562 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Instrument :
BNA_M
ClientSampleId :

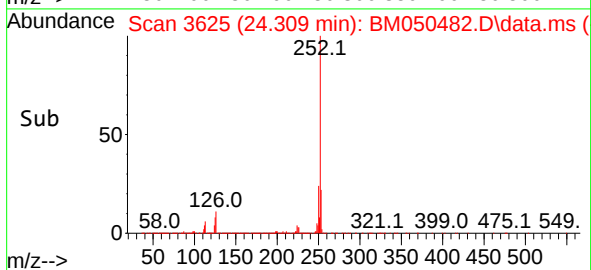
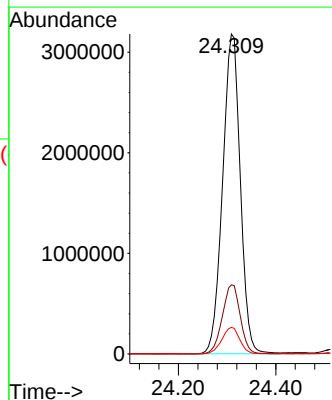
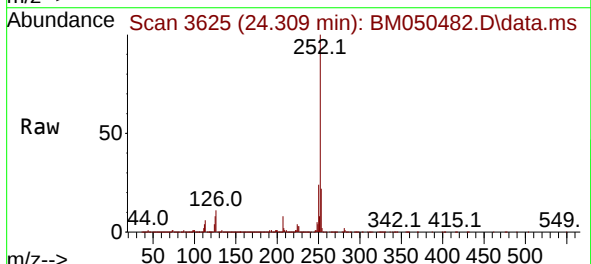


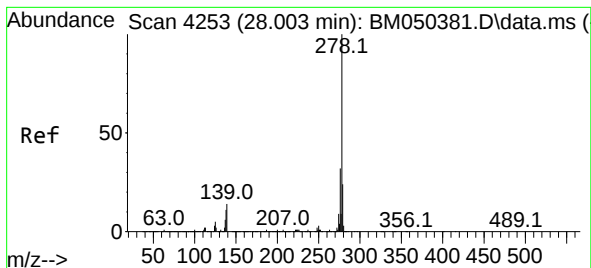
Tgt Ion:252 Resp: 8504665
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 7.6 6.2 9.2



#90
Benzo(a)pyrene
Concen: 46.086 ng
RT: 24.309 min Scan# 3625
Delta R.T. -0.006 min
Lab File: BM050482.D
Acq: 22 Jul 2025 12:08

Tgt Ion:252 Resp: 8030116
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 8.3 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 46.573 ng

RT: 27.932 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM050482.D

Acq: 22 Jul 2025 12:08

Instrument :

BNA_M

ClientSampleId :

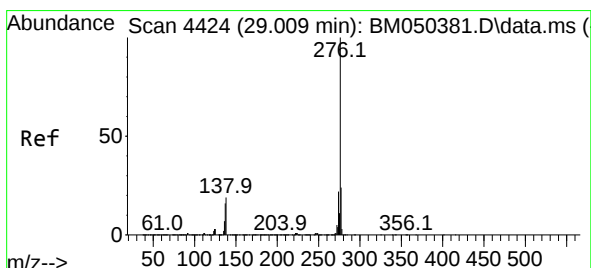
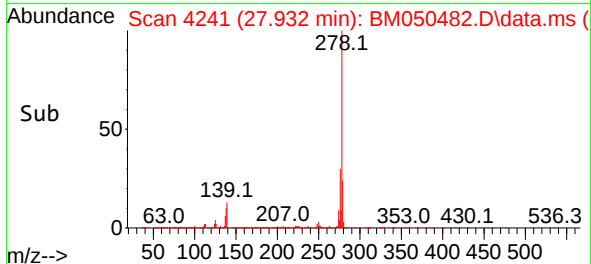
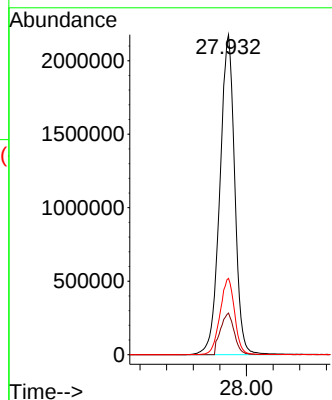
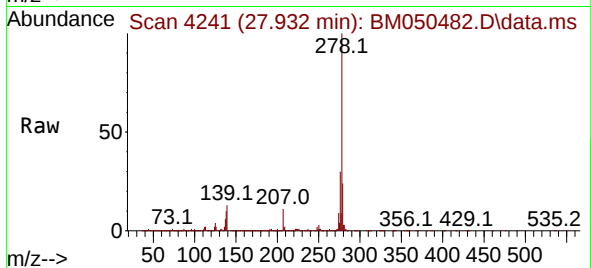
Tgt Ion:278 Resp: 8438839

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: 47.343 ng

RT: 28.938 min Scan# 4412

Delta R.T. -0.006 min

Lab File: BM050482.D

Acq: 22 Jul 2025 12:08

Tgt Ion:276 Resp: 8107610

Ion Ratio Lower Upper

276 100

277 23.2 19.1 28.7

138 16.9 14.9 22.3

