

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
 Data File : BM050437.D
 Acq On : 14 Jul 2025 22:14
 Operator : RC/JU
 Sample : Q2489-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G2(6-12)

Quant Time: Jul 15 02:04:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-7.86
21) Naphthalene-d8	10.722	136	53	20.000	ng	# 0.06
39) Acenaphthene-d10	14.557	164	73	20.000	ng	# 0.06
64) Phenanthrene-d10	17.215	188	595	20.000	ng	#-0.01
76) Chrysene-d12	21.433	240	1488	20.000	ng	#-0.02
86) Perylene-d12	24.444	264	69	20.000	ng	#-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1220295	0.000	ng	0.00
7) Phenol-d6	7.016	99	879374	0.000	ng	0.00
23) Nitrobenzene-d5	9.016	82	2318738	2232030.045	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1451490	1636483.002	ng	-0.01
45) 2-Fluorobiphenyl	13.116	172	5822152	984926.479	ng	0.00
79) Terphenyl-d14	19.827	244	10281609	121573.012	ng	-0.02
Target Compounds						Qvalue
22) Acetophenone	8.681	105	13683	10325.751	ng	# 90
24) Nitrobenzene	9.134	77	1622	1749.688	ng	# 36
25) Isophorone	9.622	82	98	58.136	ng	# 64
27) 2,4-Dimethylphenol	9.863	122	5017	6240.381	ng	# 3
28) bis(2-Chloroethoxy)met...	10.086	93	3980	3563.112	ng	# 66
31) Naphthalene	10.704	128	148388	55121.405	ng	# 98
32) Benzoic acid	10.004	122	242	435.335	ng	# 70
33) 4-Chloroaniline	10.704	127	20313	17848.535	ng	# 42
36) 4-Chloro-3-methylphenol	12.016	107	136	176.328	ng	# 16
37) 2-Methylnaphthalene	12.316	142	44769	26338.511	ng	# 97
38) 1-Methylnaphthalene	12.533	142	35663	19825.377	ng	# 89
46) 1,1'-Biphenyl	13.322	154	9102	1680.539	ng	# 88
47) 2-Chloronaphthalene	13.463	162	558	129.217	ng	# 40
48) 2-Nitroaniline	13.610	65	385	399.422	ng	# 24
49) Acenaphthylene	14.204	152	3537	541.969	ng	# 85
50) Dimethylphthalate	13.939	163	564587	112336.315	ng	# 99
51) 2,6-Dinitrotoluene	14.027	165	581	602.082	ng	# 72
52) Acenaphthene	14.545	154	39457	9509.771	ng	# 96
53) 3-Nitroaniline	14.398	138	118	114.982	ng	# 4
55) Dibenzofuran	14.880	168	3520	550.606	ng	# 83
56) 4-Nitrophenol	14.745	139	164	185.828	ng	# 32
57) 2,4-Dinitrotoluene	14.916	165	142	95.444	ng	# 20
58) Fluorene	15.527	166	22346	4243.683	ng	# 94
59) 2,3,4,6-Tetrachlorophenol	15.098	232	207	157.569	ng	# 1
60) Diethylphthalate	15.298	149	8381	1745.717	ng	# 97
61) 4-Chlorophenyl-phenyle...	15.592	204	57	20.702	ng	# 1
62) 4-Nitroaniline	15.527	138	222	180.611	ng	# 65
63) Azobenzene	15.963	77	9065	2056.300	ng	# 24
66) n-Nitrosodiphenylamine	15.963	169	49109	2637.645	ng	# 48
69) Atrazine	16.827	200	62	10.141	ng	# 35
70) Pentachlorophenol	16.857	266	732	151.872	ng	# 50
71) Phenanthrene	17.257	178	74735	2219.733	ng	# 99
72) Anthracene	17.257	178	74735	2229.983	ng	# 98
73) Carbazole	17.609	167	1208	39.837	ng	# 82
74) Di-n-butylphthalate	18.180	149	12453	375.194	ng	# 99
75) Fluoranthene	19.262	202	14900	407.088	ng	# 92

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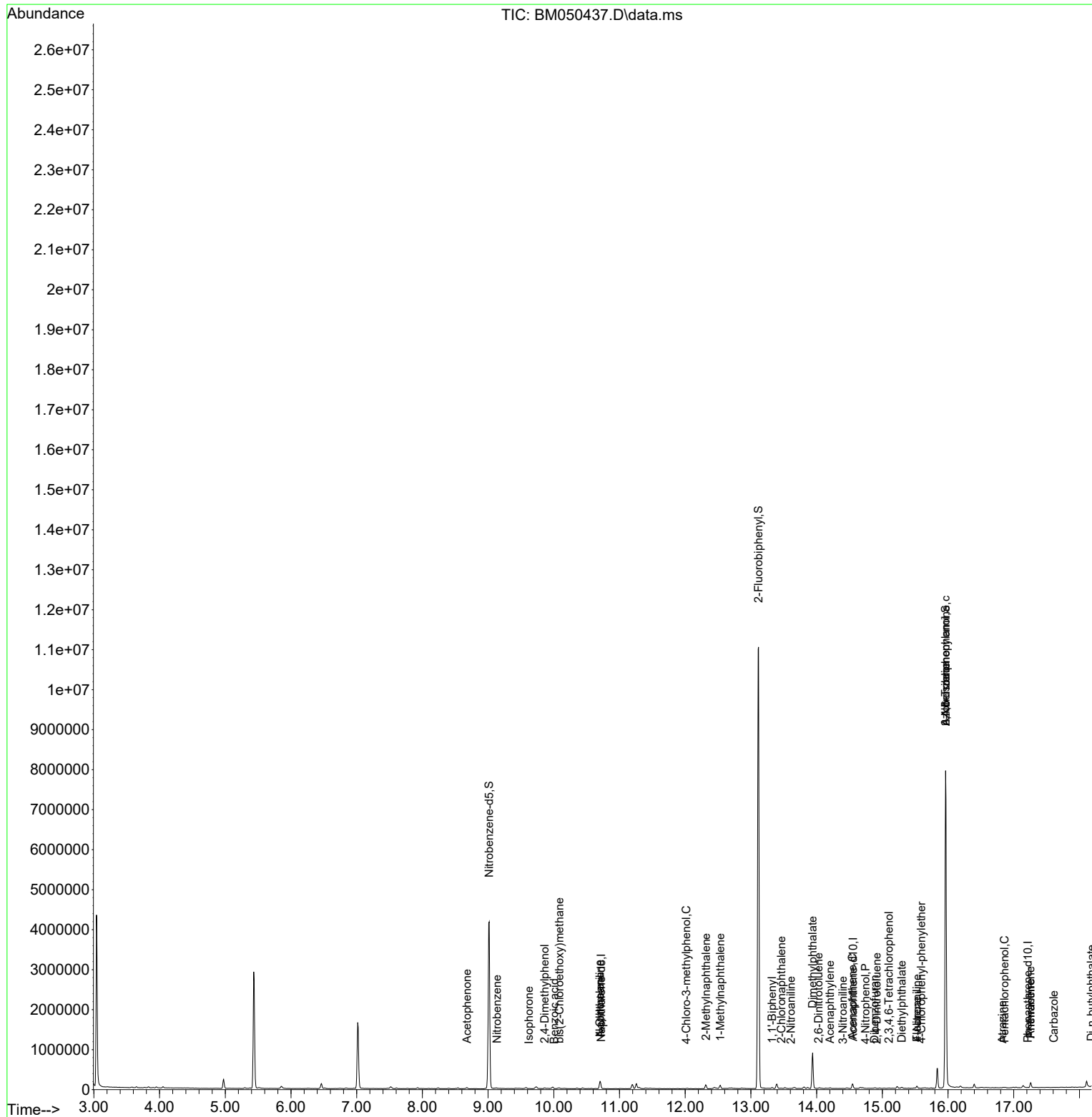
77) Benzidine	19.439	184	407	10.724	ng	# 1
78) Pyrene	19.627	202	20999	220.348	ng	97
80) Butylbenzylphthalate	20.521	149	471	14.989	ng	# 46
81) Benzo(a)anthracene	21.480	228	3779	38.977	ng	96
82) 3,3'-Dichlorobenzidine	21.339	252	298	9.114	ng	# 16
83) Chrysene	21.480	228	3779	41.324	ng	97
84) Bis(2-ethylhexyl)phtha...	21.350	149	69286	1388.960	ng	98
85) Di-n-octyl phthalate	22.574	149	38993	499.090	ng	# 27
87) Indeno(1,2,3-cd)pyrene	27.868	276	289	58.910	ng	# 75
88) Benzo(b)fluoranthene	23.468	252	362	85.293	ng	# 1
89) Benzo(k)fluoranthene	23.586	252	805	182.793	ng	# 1
90) Benzo(a)pyrene	24.291	252	156	39.265	ng	# 1
91) Dibenzo(a,h)anthracene	27.944	278	558	135.058	ng	# 53
92) Benzo(g,h,i)perylene	28.956	276	424	108.584	ng	# 1

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

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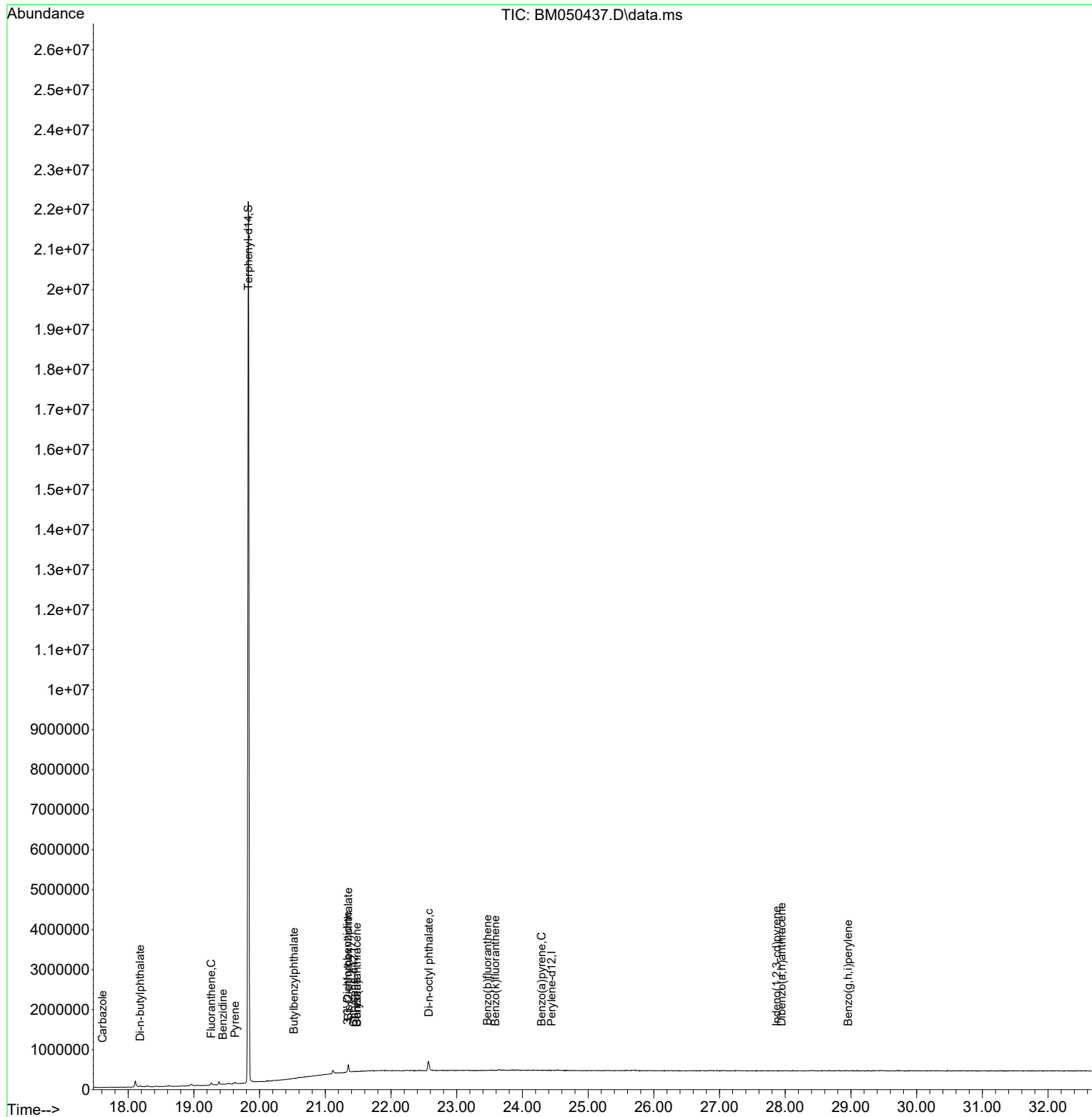
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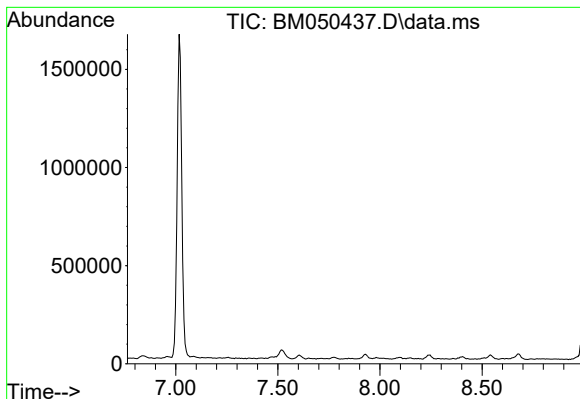


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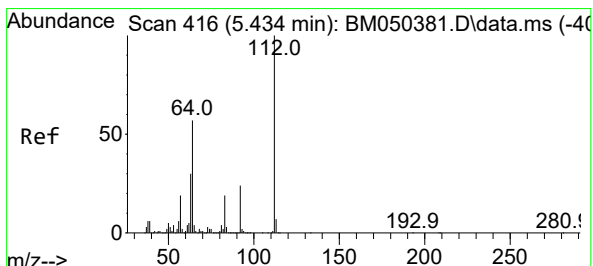
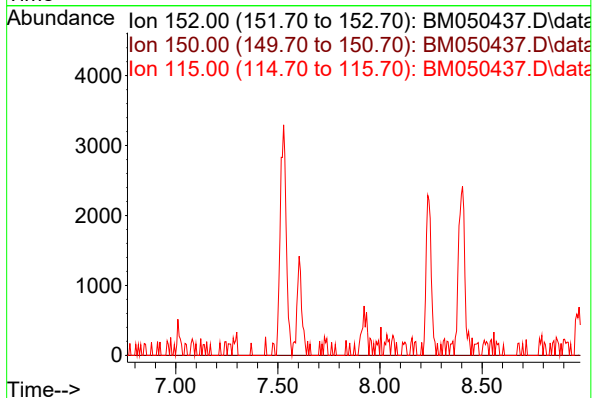


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 7.86 min
 Lab File: BM050437.D
 Acq: 14 Jul 2025 22:14

Instrument :
 BNA_M
 ClientSampleId :
 G2(6-12)

Tgt Ion: 152

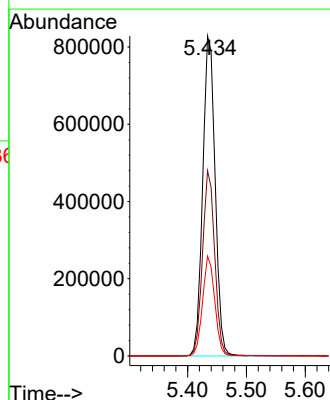
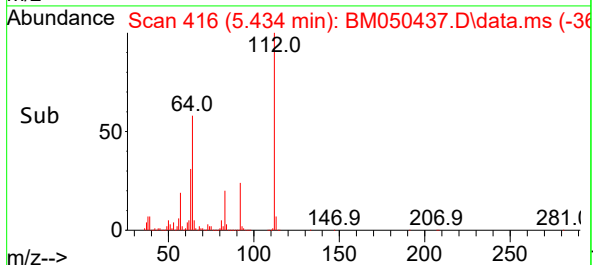
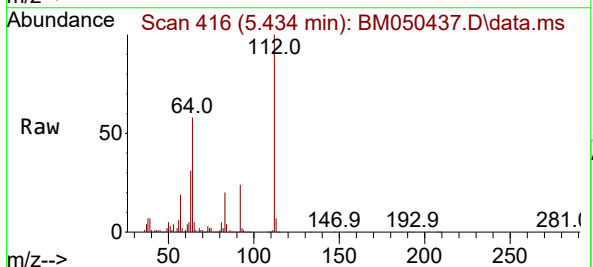
Sig	Exp Ratio
152	100
150	157.8
115	57.3

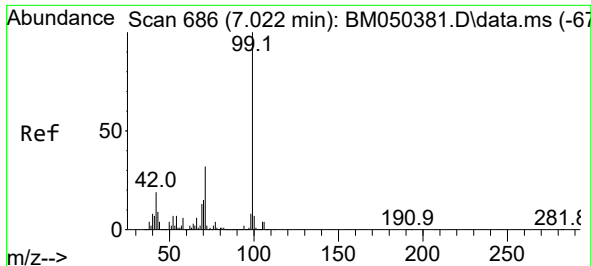


#5
 2-Fluorophenol
 Concen: 0.000 ng
 RT: 5.434 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: BM050437.D
 Acq: 14 Jul 2025 22:14

Tgt Ion: 112 Resp: 1220295

Ion	Ratio	Lower	Upper
112	100		
64	57.9	45.5	68.3
63	31.2	24.2	36.4

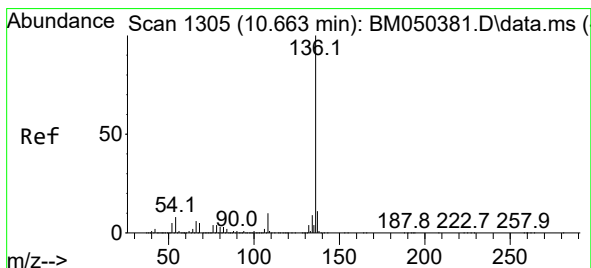
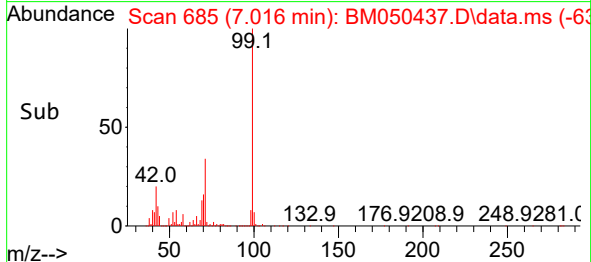
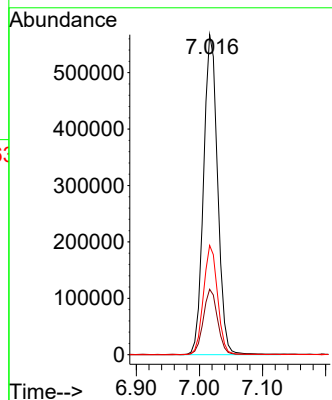
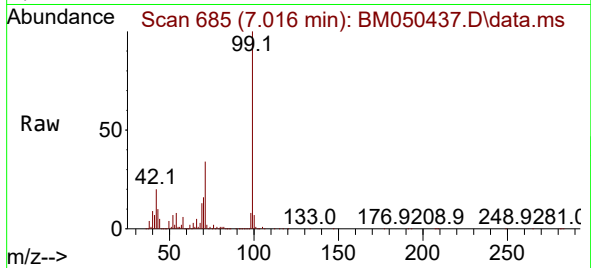




#7
Phenol-d6
Concen: 0.000 ng
RT: 7.016 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050437.D
Acq: 14 Jul 2025 22:14

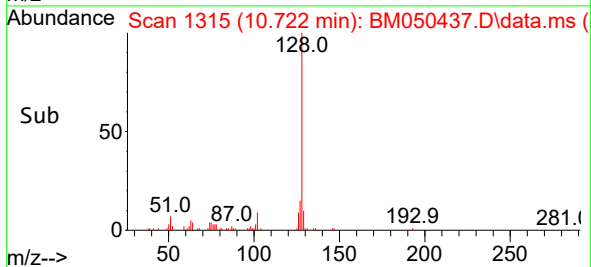
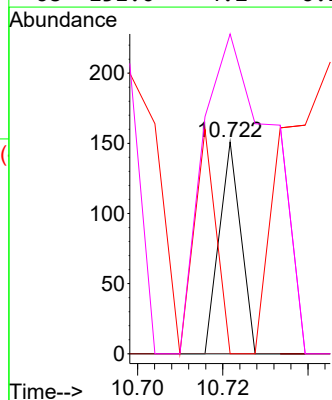
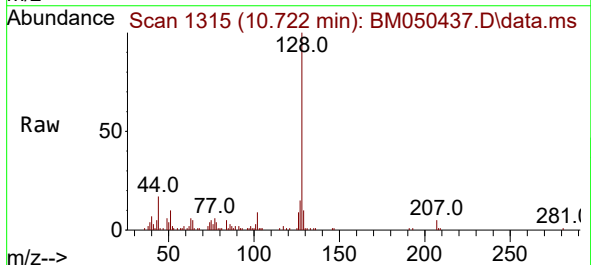
Instrument :
BNA_M
ClientSampleId :
G2(6-12)

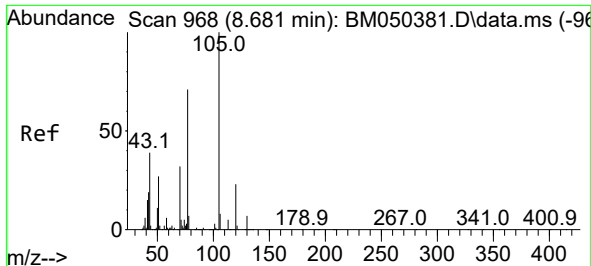
Tgt Ion: 99 Resp: 879374
Ion Ratio Lower Upper
99 100
42 20.4 15.0 22.6
71 34.1 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1315
Delta R.T. 0.059 min
Lab File: BM050437.D
Acq: 14 Jul 2025 22:14

Tgt Ion: 136 Resp: 53
Ion Ratio Lower Upper
136 100
137 0.0 8.8 13.2#
54 0.0 6.3 9.5#
68 151.0 4.2 6.2#

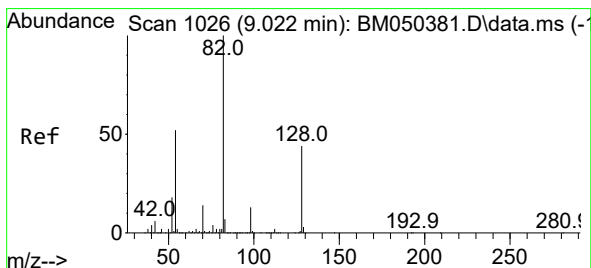
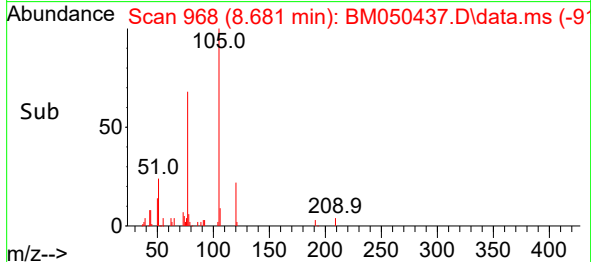
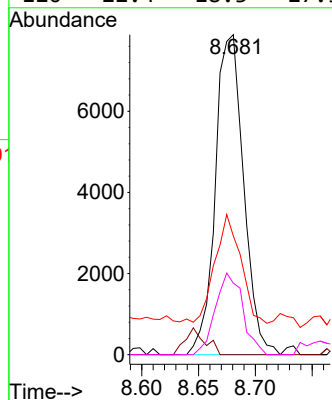
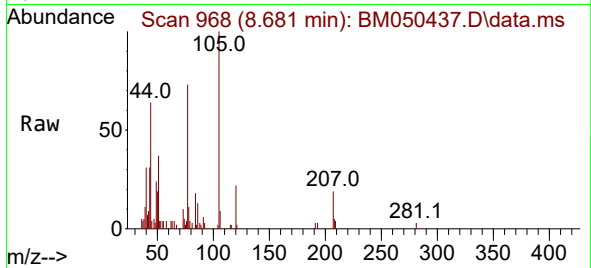




#22
Acetophenone
Concen: 10325.751 ng
RT: 8.681 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM050437.D
Acq: 14 Jul 2025 22:14

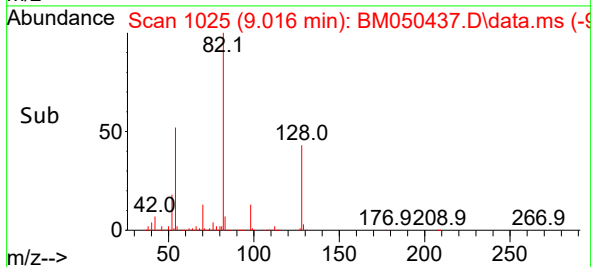
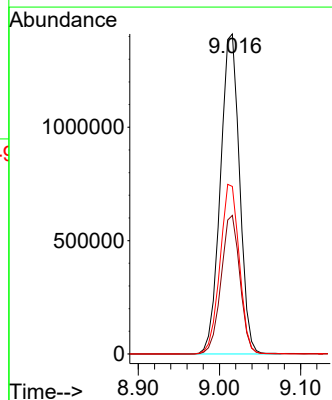
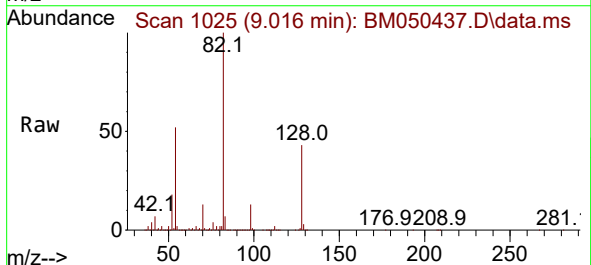
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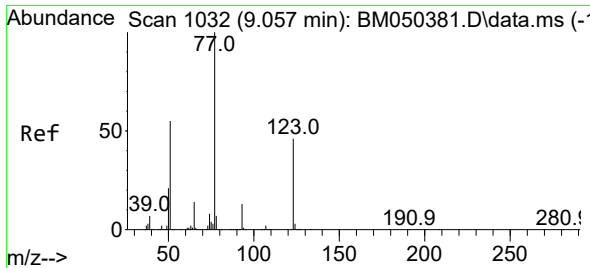
Tgt Ion:	105	Resp:	13683
Ion Ratio	Lower	Upper	
105	100		
71	0.0	4.4	6.6#
51	37.1	23.0	34.6#
120	22.4	18.3	27.5



#23
Nitrobenzene-d5
Concen: 2232030.045 ng
RT: 9.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BM050437.D
Acq: 14 Jul 2025 22:14

Tgt Ion:	82	Resp:	2318738
Ion Ratio	Lower	Upper	
82	100		
128	43.3	35.2	52.8
54	52.3	41.5	62.3

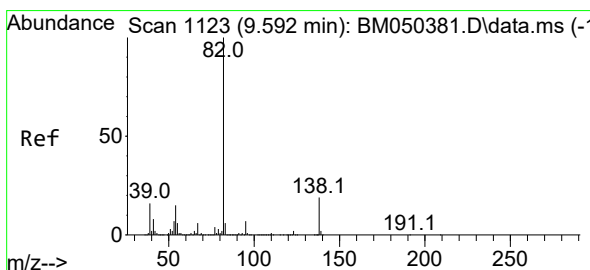
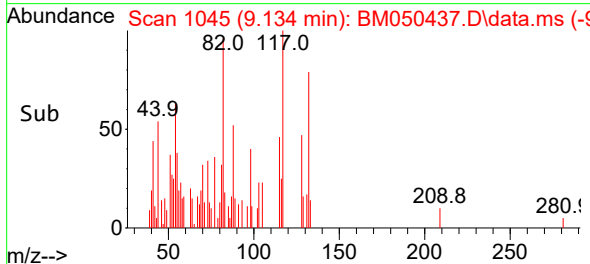
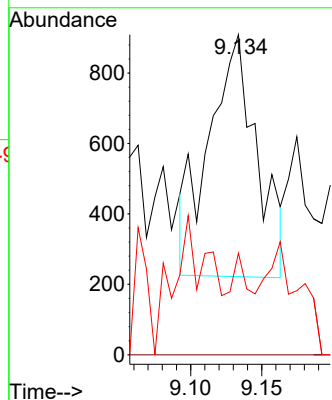
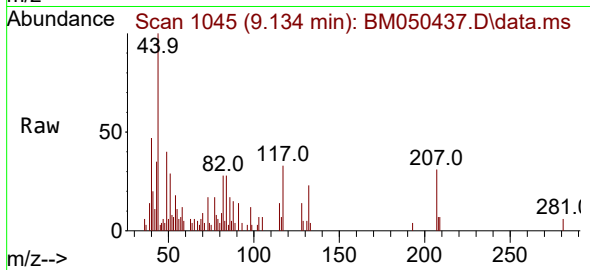




#24
Nitrobenzene
Concen: 1749.688 ng
RT: 9.134 min Scan# 1032
Delta R.T. 0.077 min
Lab File: BM050437.D
Acq: 14 Jul 2025 22:14

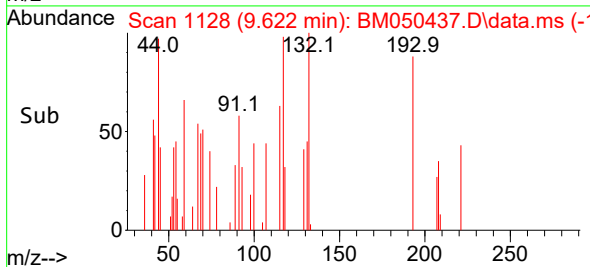
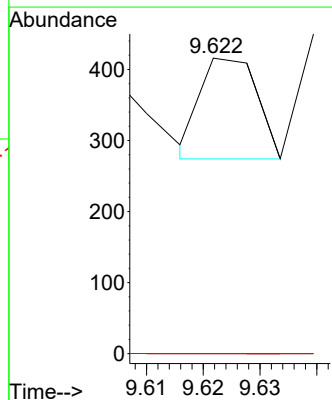
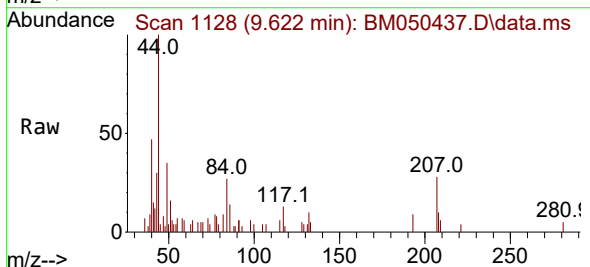
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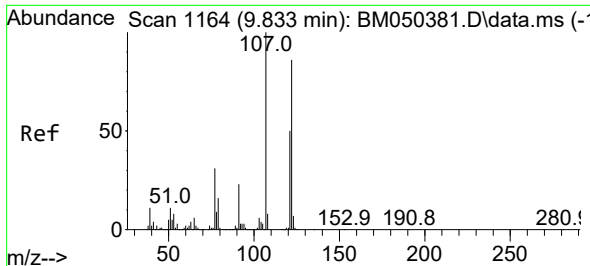
Tgt Ion: 77 Resp: 1622
Ion Ratio Lower Upper
77 100
123 0.0 37.0 55.6#
65 31.8 11.0 16.4#



#25
Isophorone
Concen: 58.136 ng
RT: 9.622 min Scan# 1128
Delta R.T. 0.030 min
Lab File: BM050437.D
Acq: 14 Jul 2025 22:14

Tgt Ion: 82 Resp: 98
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.3 22.9#

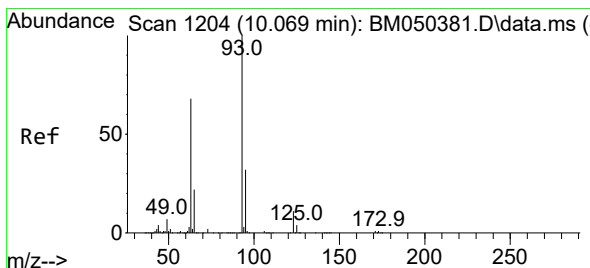
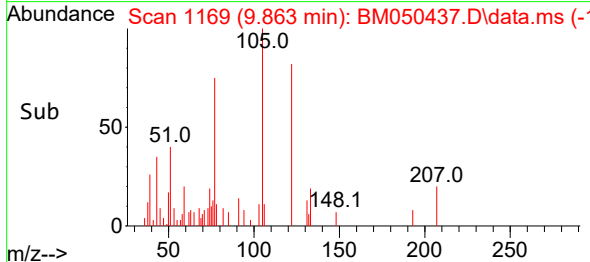
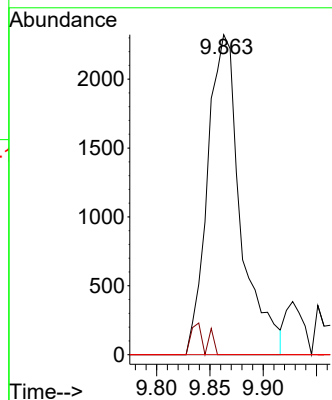
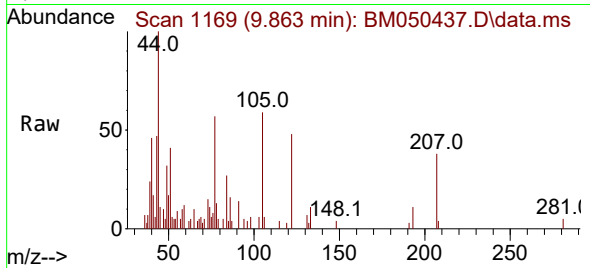




#27
 2,4-Dimethylphenol
 Concen: 6240.381 ng
 RT: 9.863 min Scan# 1169
 Delta R.T. 0.030 min
 Lab File: BM050437.D
 Acq: 14 Jul 2025 22:14

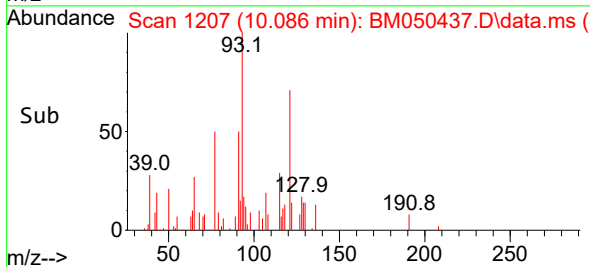
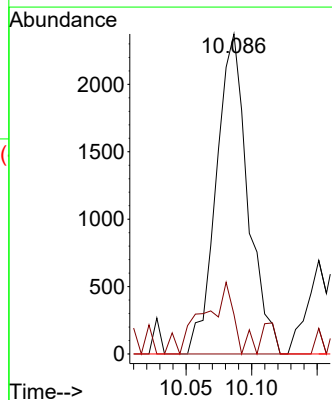
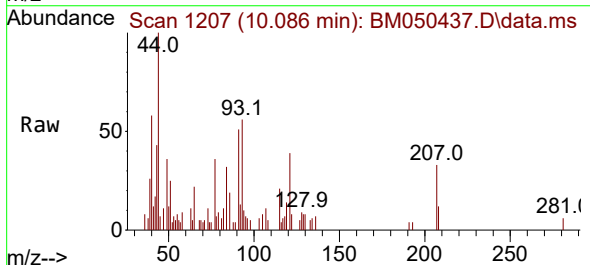
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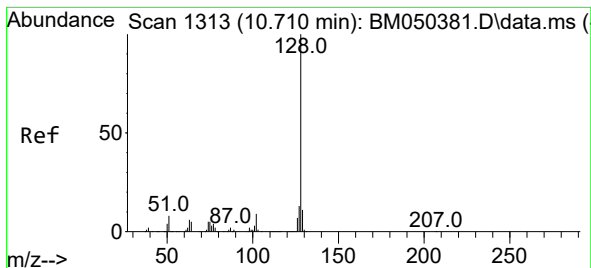
Tgt Ion:122 Resp: 5017
 Ion Ratio Lower Upper
 122 100
 107 0.0 93.0 139.6#
 121 0.0 46.1 69.1#



#28
 bis(2-Chloroethoxy)methane
 Concen: 3563.112 ng
 RT: 10.086 min Scan# 1207
 Delta R.T. 0.018 min
 Lab File: BM050437.D
 Acq: 14 Jul 2025 22:14

Tgt Ion: 93 Resp: 3980
 Ion Ratio Lower Upper
 93 100
 95 12.4 25.8 38.6#
 123 0.0 9.1 13.7#

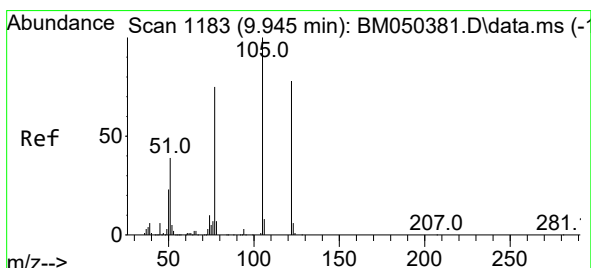
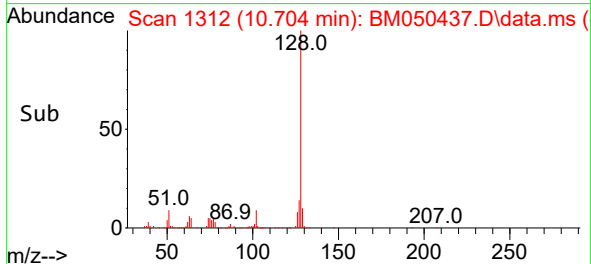
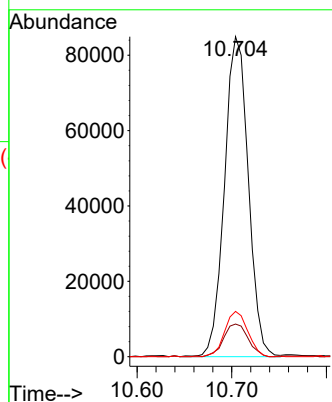
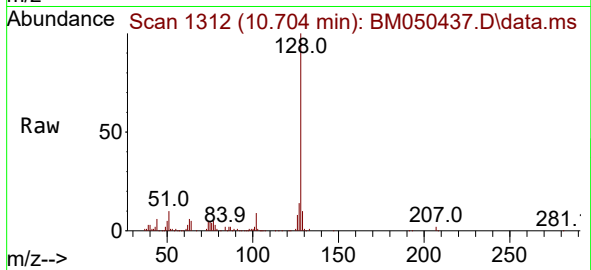




#31
Naphthalene
Concen: 55121.405 ng
RT: 10.704 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BM050437.D
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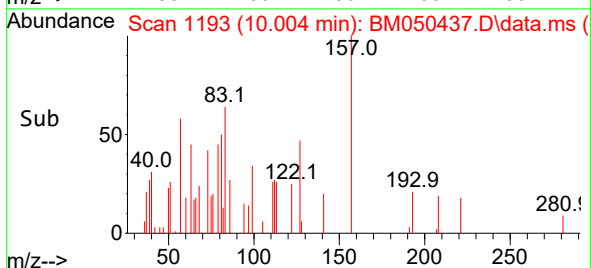
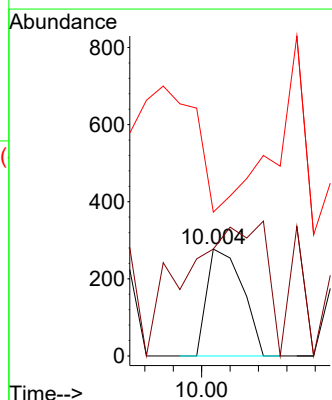
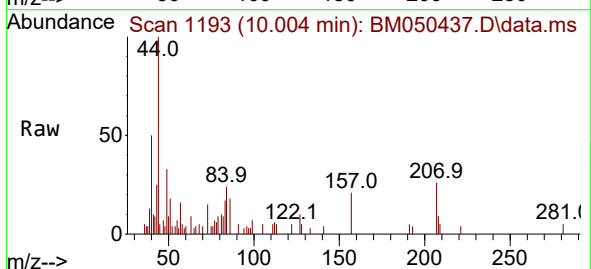
Instrument :
BNA_M
ClientSampleId :
G2(6-12)

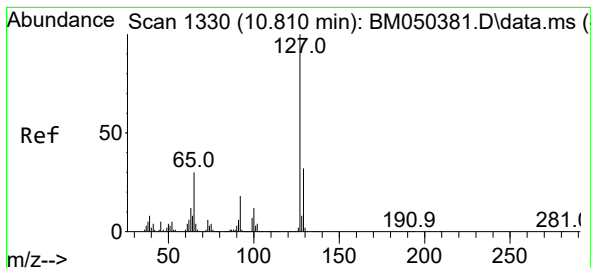
Tgt Ion:128 Resp: 148388
Ion Ratio Lower Upper
128 100
129 10.2 8.8 13.2
127 14.1 10.4 15.6



#32
Benzoic acid
Concen: 435.335 ng
RT: 10.004 min Scan# 1193
Delta R.T. 0.059 min
Lab File: BM050437.D
Acq: 14 Jul 2025 22:14

Tgt Ion:122 Resp: 242
Ion Ratio Lower Upper
122 100
105 100.0 104.0 144.0#
77 134.7 73.8 113.8#

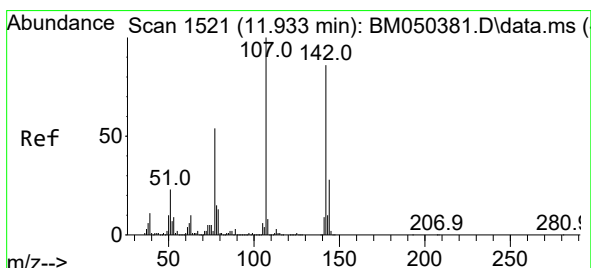
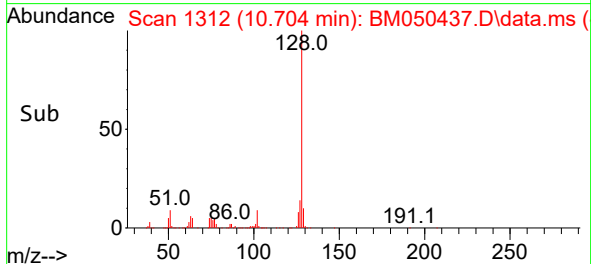
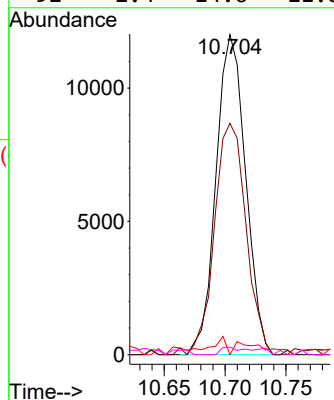
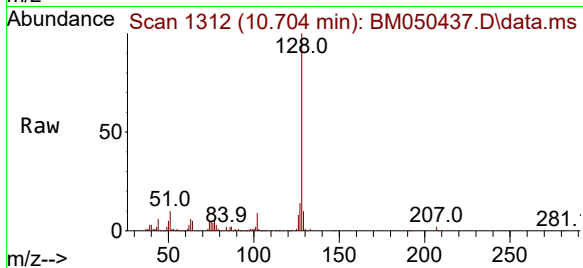




#33
4-Chloroaniline
Concen: 17848.535 ng
RT: 10.704 min Scan# 1
Delta R.T. -0.106 min
Lab File: BM050437.D
Acq: 14 Jul 2025 22:14

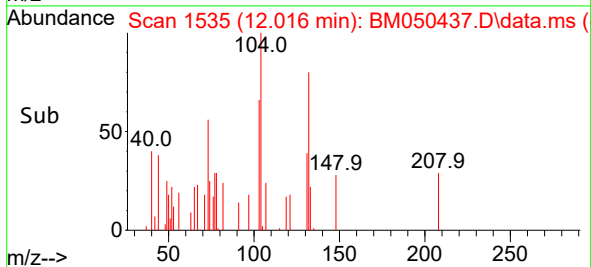
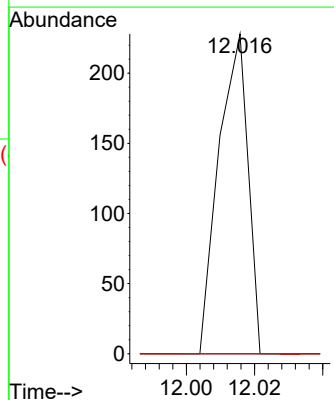
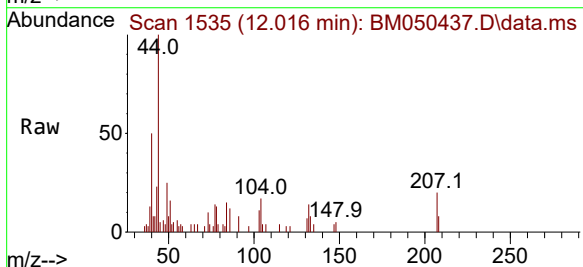
Instrument :
BNA_M
ClientSampleId :
G2(6-12)

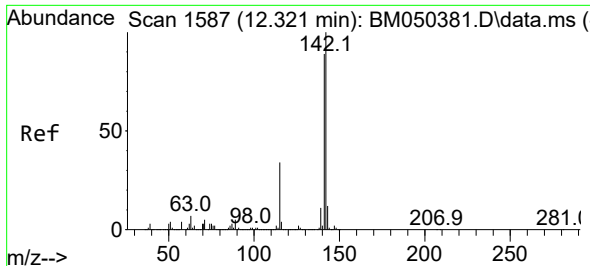
Tgt Ion:	127	Resp:	20313
Ion	Ratio	Lower	Upper
127	100		
129	72.3	25.5	38.3#
65	0.0	23.9	35.9#
92	2.4	14.6	21.8#



#36
4-Chloro-3-methylphenol
Concen: 176.328 ng
RT: 12.016 min Scan# 1535
Delta R.T. 0.082 min
Lab File: BM050437.D
Acq: 14 Jul 2025 22:14

Tgt Ion:	107	Resp:	136
Ion	Ratio	Lower	Upper
107	100		
144	0.0	22.2	33.4#
142	0.0	68.7	103.1#

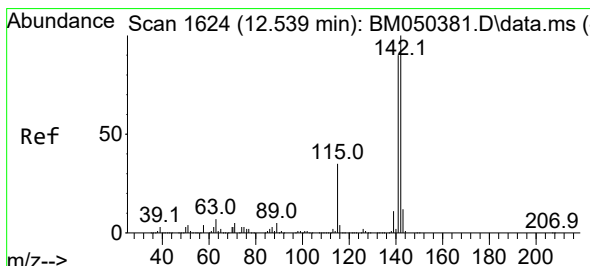
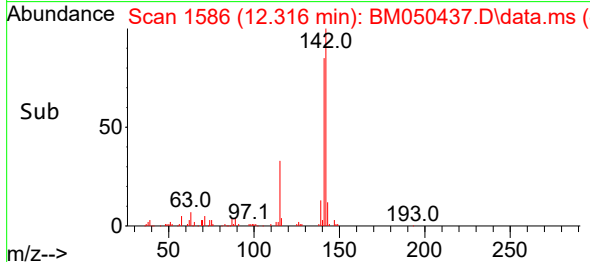
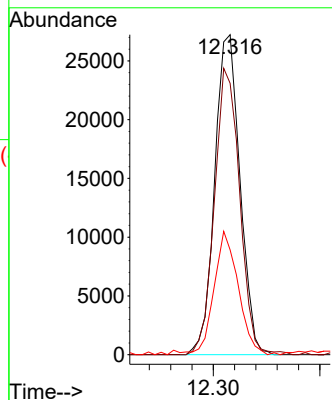
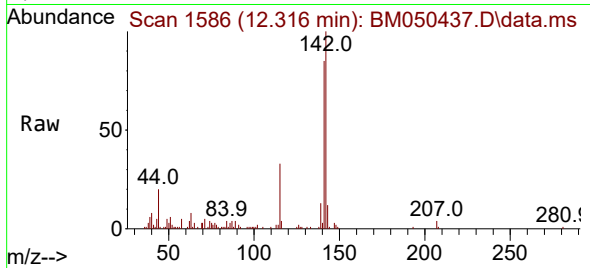




#37
2-Methylnaphthalene
Concen: 26338.511 ng
RT: 12.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050437.D
Acq: 14 Jul 2025 22:14

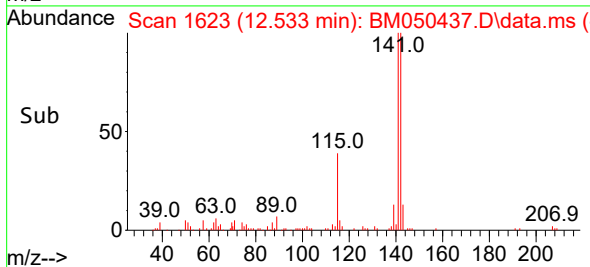
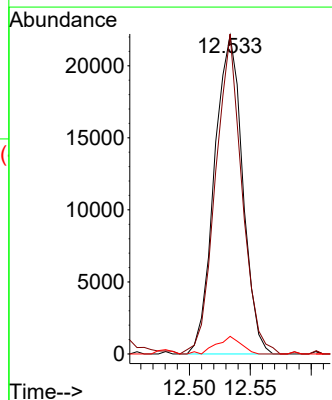
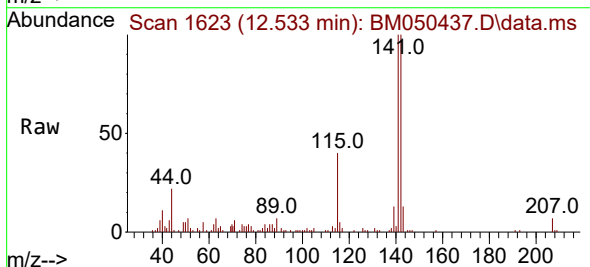
Instrument :
BNA_M
ClientSampleId :
G2(6-12)

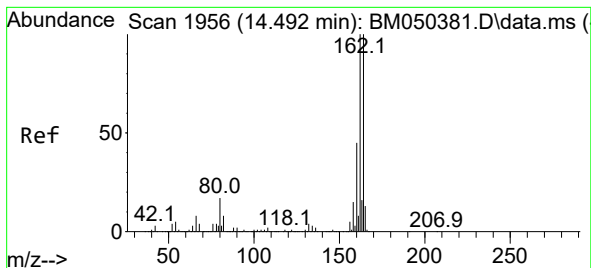
Tgt Ion:142 Resp: 44769
Ion Ratio Lower Upper
142 100
141 84.8 70.8 106.2
115 32.8 27.0 40.4



#38
1-Methylnaphthalene
Concen: 19825.377 ng
RT: 12.533 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BM050437.D
Acq: 14 Jul 2025 22:14

Tgt Ion:142 Resp: 35663
Ion Ratio Lower Upper
142 100
141 100.5 71.9 107.9
116 5.5 3.0 4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1956

Delta R.T. 0.065 min

Lab File: BM050437.D

Acq: 14 Jul 2025 22:14

Instrument :

BNA_M

ClientSampleId :

G2(6-12)

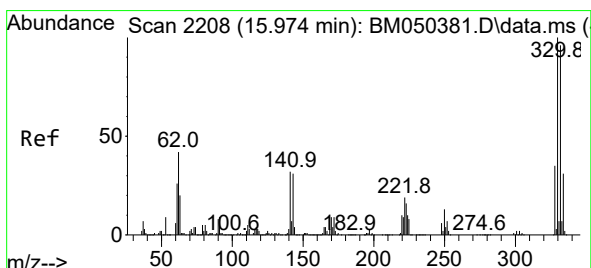
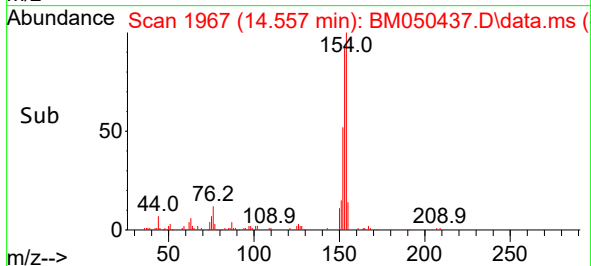
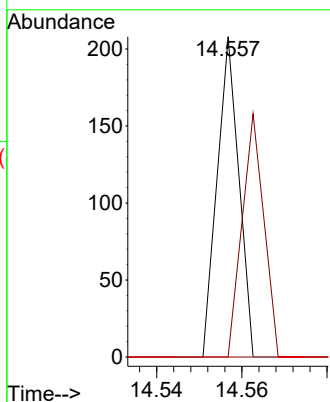
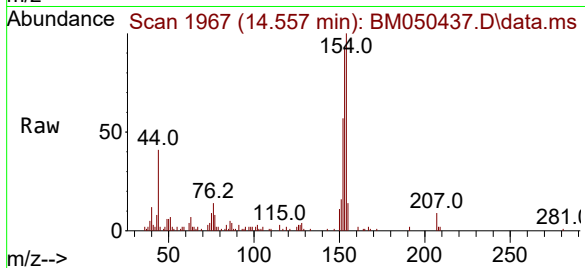
Tgt Ion:164 Resp: 73

Ion Ratio Lower Upper

164 100

162 0.0 79.9 119.9#

160 0.0 36.2 54.4#



#42

2,4,6-Tribromophenol

Concen: 1636483.002 ng

RT: 15.963 min Scan# 2206

Delta R.T. -0.012 min

Lab File: BM050437.D

Acq: 14 Jul 2025 22:14

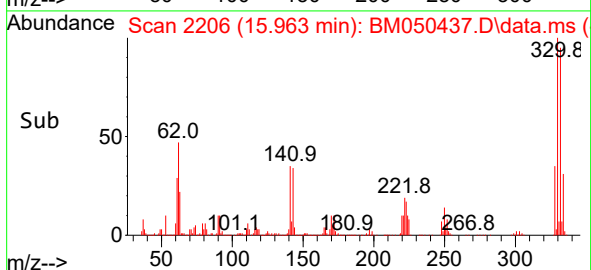
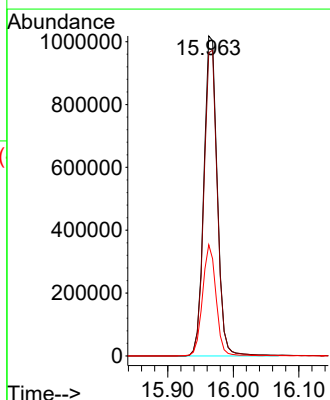
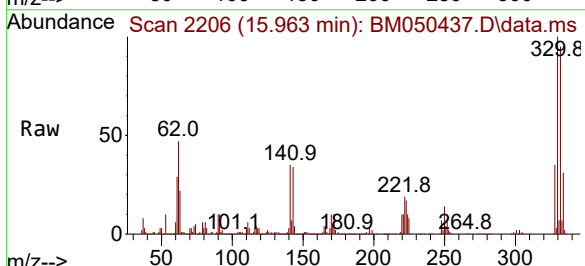
Tgt Ion:330 Resp: 1451490

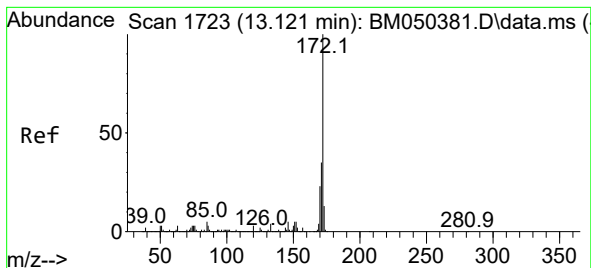
Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

141 35.3 27.4 41.0





#45

2-Fluorobiphenyl

Concen: 984926.479 ng

RT: 13.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050437.D

Acq: 14 Jul 2025 22:14

Instrument :

BNA_M

ClientSampleId :

G2(6-12)

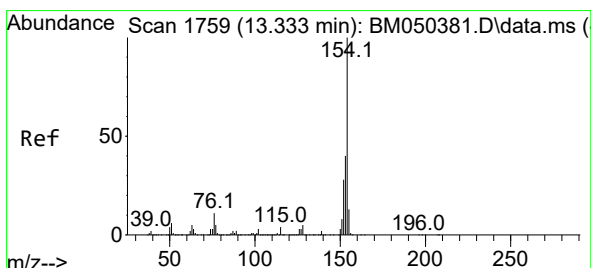
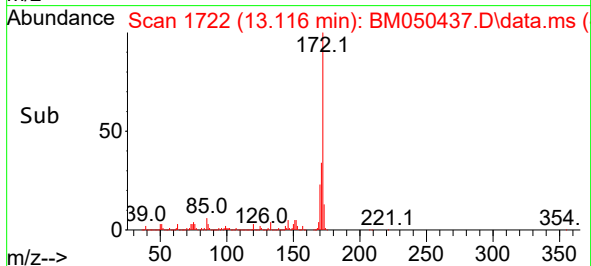
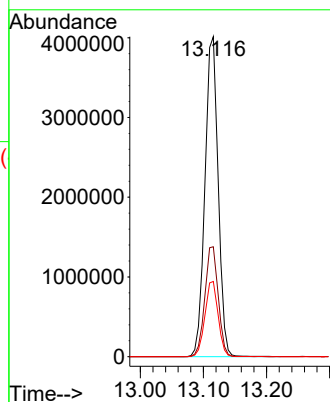
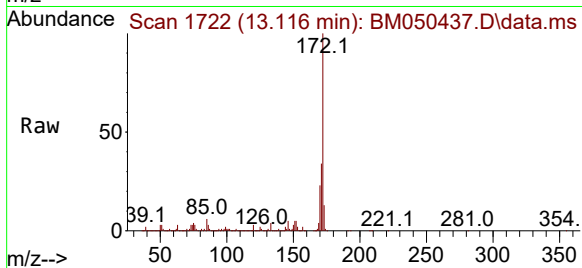
Tgt Ion:172 Resp: 5822152

Ion Ratio Lower Upper

172 100

171 34.4 27.7 41.5

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 1680.539 ng

RT: 13.322 min Scan# 1757

Delta R.T. -0.012 min

Lab File: BM050437.D

Acq: 14 Jul 2025 22:14

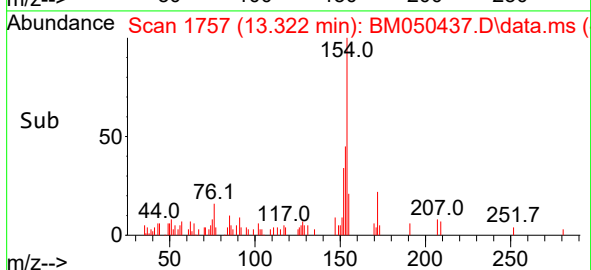
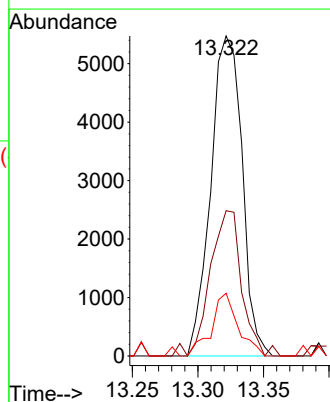
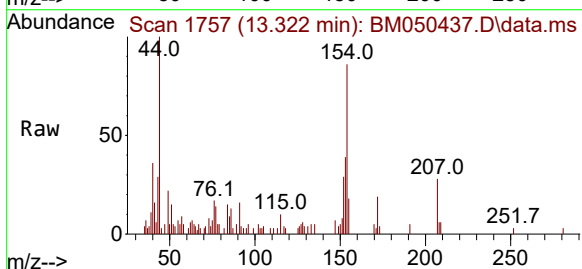
Tgt Ion:154 Resp: 9102

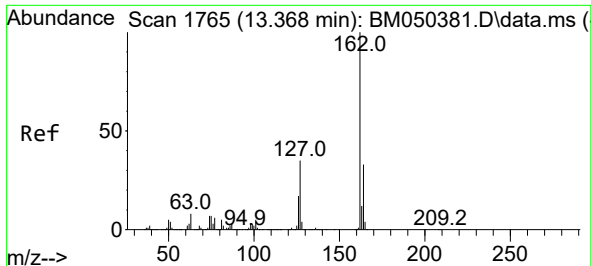
Ion Ratio Lower Upper

154 100

153 45.4 19.7 59.7

76 19.6 0.0 30.9

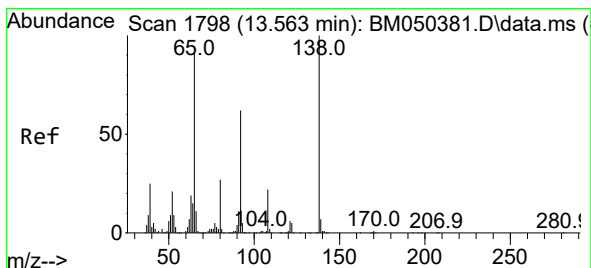
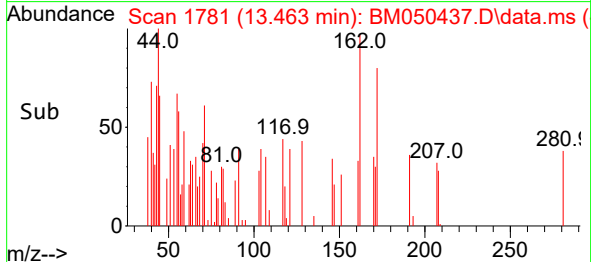
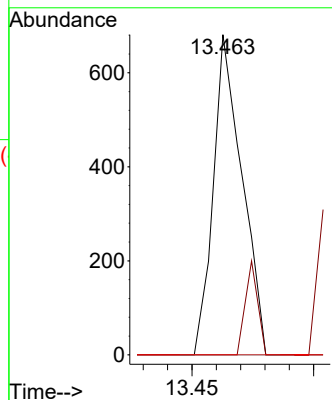
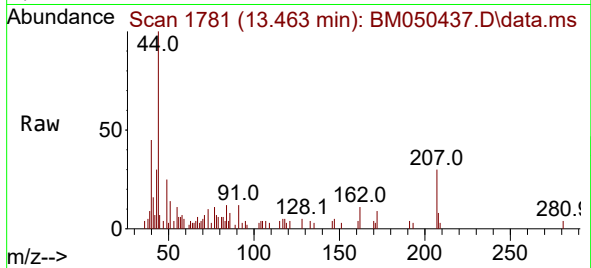




#47
2-Chloronaphthalene
Concen: 129.217 ng
RT: 13.463 min Scan# 11
Delta R.T. 0.094 min
Lab File: BM050437.D
Acq: 14 Jul 2025 22:14

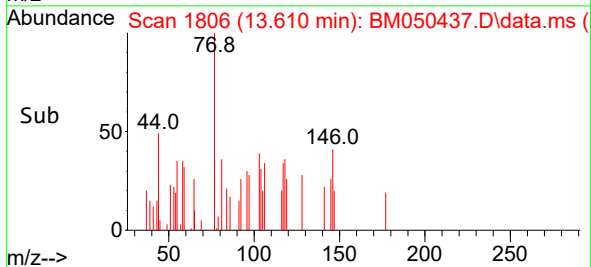
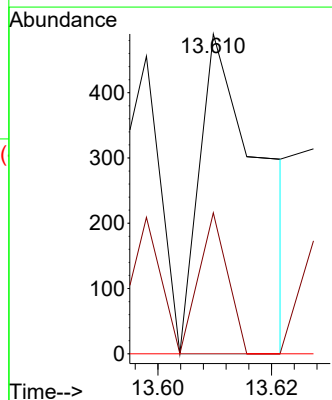
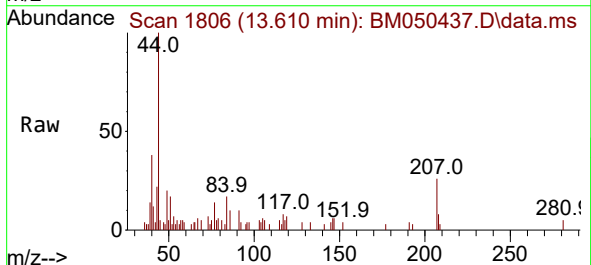
Instrument :
BNA_M
ClientSampleId :
G2(6-12)

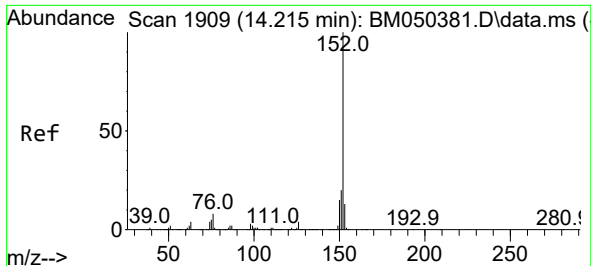
Tgt Ion:162 Resp: 558
Ion Ratio Lower Upper
162 100
127 0.0 28.3 42.5#
164 0.0 26.6 40.0#



#48
2-Nitroaniline
Concen: 399.422 ng
RT: 13.610 min Scan# 1806
Delta R.T. 0.047 min
Lab File: BM050437.D
Acq: 14 Jul 2025 22:14

Tgt Ion: 65 Resp: 385
Ion Ratio Lower Upper
65 100
92 44.1 54.3 81.5#
138 0.0 87.8 131.6#

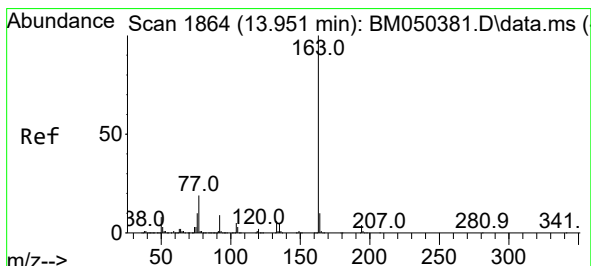
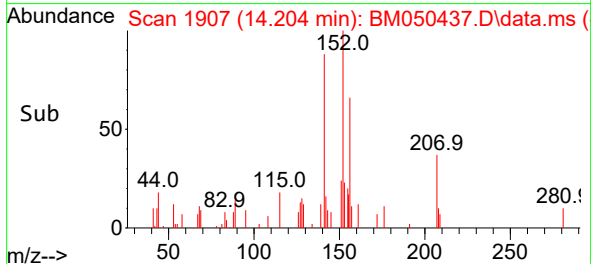
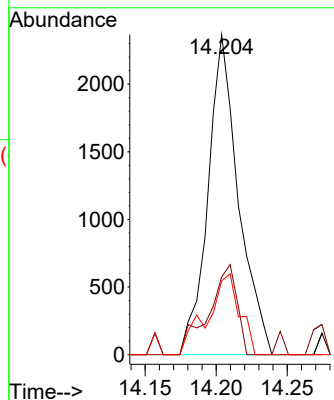
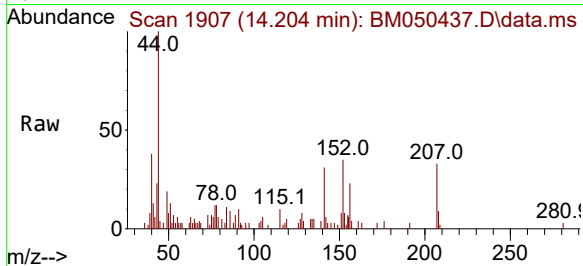




#49
Acenaphthylene
Concen: 541.969 ng
RT: 14.204 min Scan# 1907
Delta R.T. -0.012 min
Lab File: BM050437.D
Acq: 14 Jul 2025 22:14

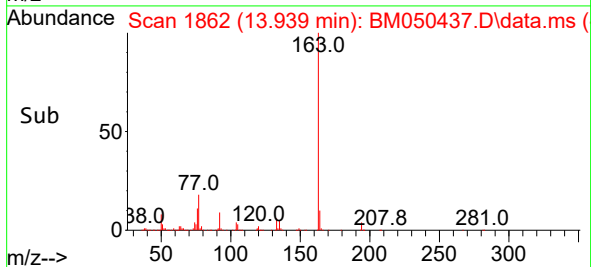
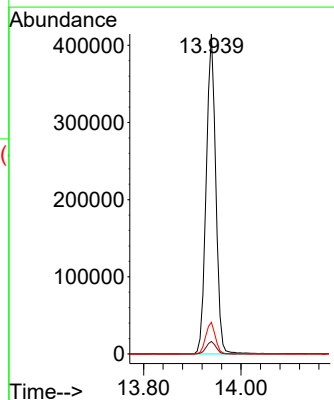
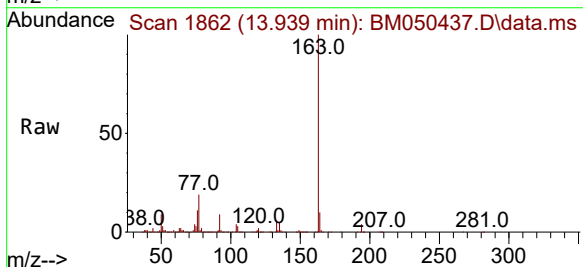
Instrument :
BNA_M
ClientSampleId :
G2(6-12)

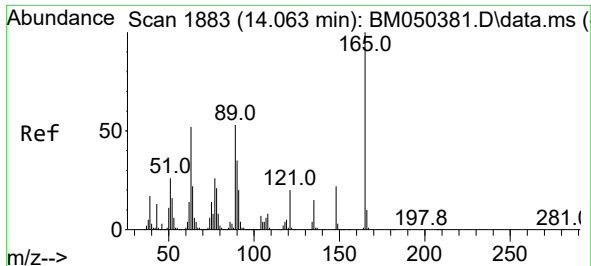
Tgt Ion:152 Resp: 3537
Ion Ratio Lower Upper
152 100
151 24.3 16.3 24.5
153 23.0 10.6 15.8#



#50
Dimethylphthalate
Concen: 112336.315 ng
RT: 13.939 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BM050437.D
Acq: 14 Jul 2025 22:14

Tgt Ion:163 Resp: 564587
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 9.9 8.2 12.2

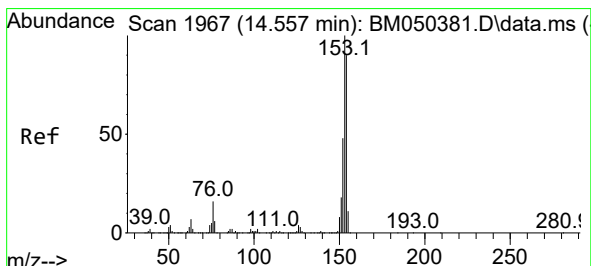
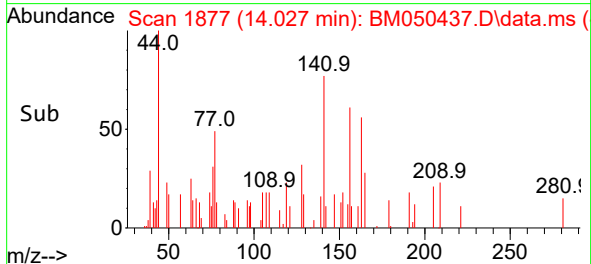
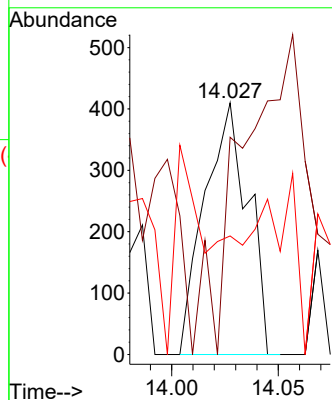
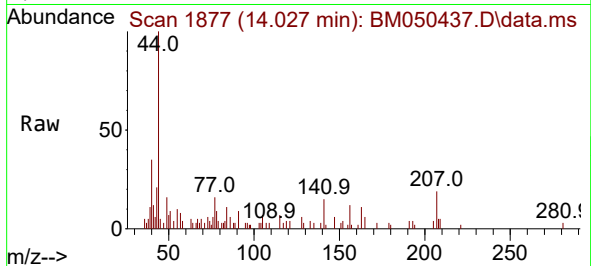




#51
2,6-Dinitrotoluene
Concen: 602.082 ng
RT: 14.027 min Scan# 1883
Delta R.T. -0.035 min
Lab File: BM050437.D
Acq: 14 Jul 2025 22:14

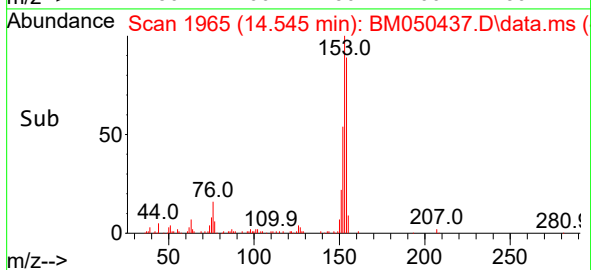
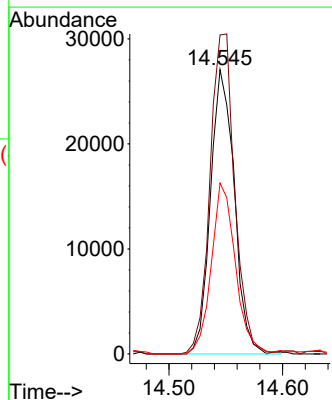
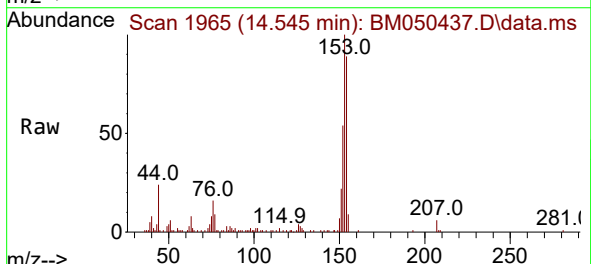
Instrument :
BNA_M
ClientSampleId :
G2(6-12)

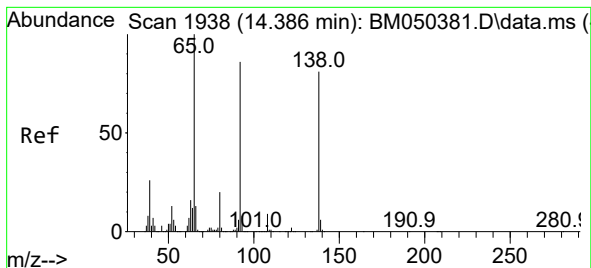
Tgt Ion:165 Resp: 581
Ion Ratio Lower Upper
165 100
63 86.3 42.4 63.6#
89 47.1 42.2 63.2



#52
Acenaphthene
Concen: 9509.771 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BM050437.D
Acq: 14 Jul 2025 22:14

Tgt Ion:154 Resp: 39457
Ion Ratio Lower Upper
154 100
153 112.2 89.2 133.8
152 60.1 42.6 64.0





#53

3-Nitroaniline

Concen: 114.982 ng

RT: 14.398 min Scan# 1938

Delta R.T. 0.012 min

Lab File: BM050437.D

Acq: 14 Jul 2025 22:14

Instrument :

BNA_M

ClientSampleId :

G2(6-12)

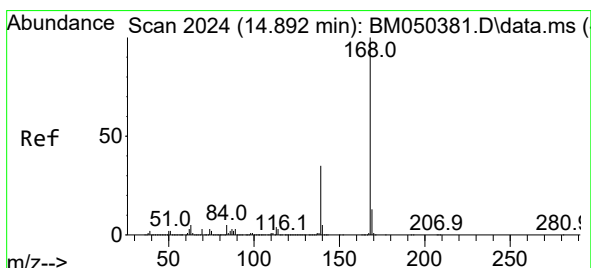
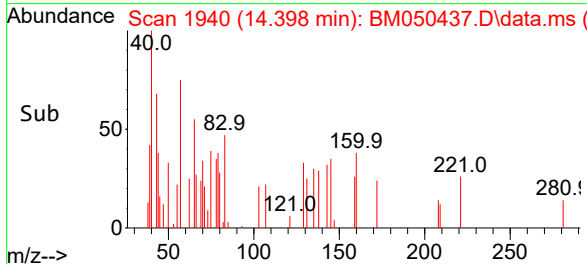
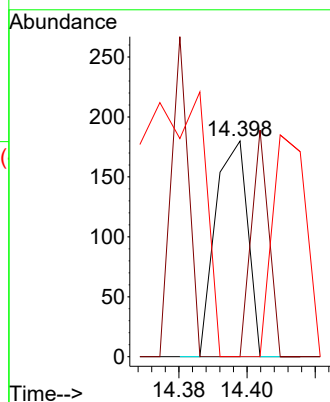
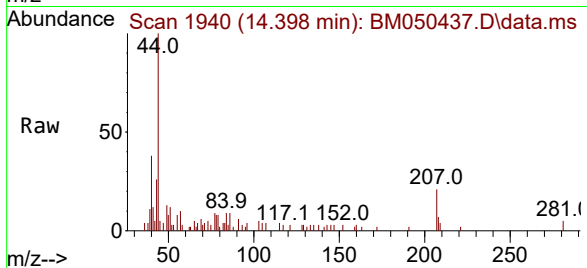
Tgt Ion:138 Resp: 118

Ion Ratio Lower Upper

138 100

108 0.0 8.8 13.2#

92 0.0 85.0 127.6#



#55

Dibenzofuran

Concen: 550.606 ng

RT: 14.880 min Scan# 2022

Delta R.T. -0.012 min

Lab File: BM050437.D

Acq: 14 Jul 2025 22:14

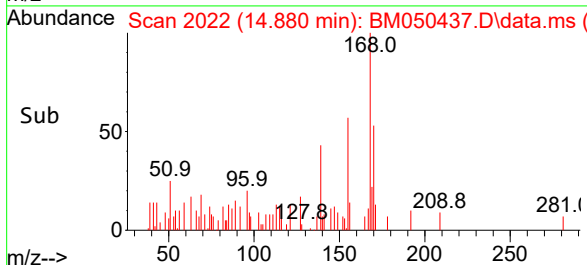
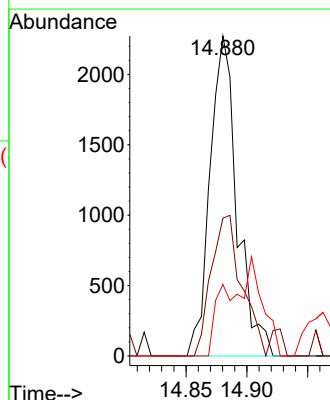
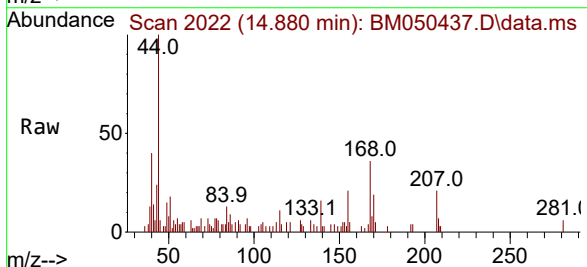
Tgt Ion:168 Resp: 3520

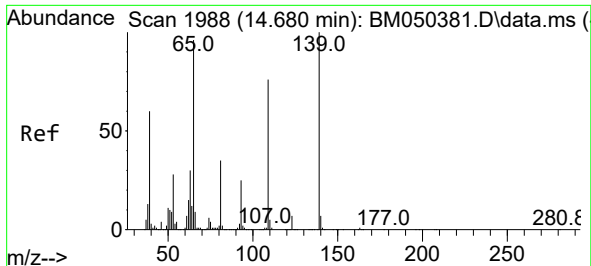
Ion Ratio Lower Upper

168 100

139 43.1 27.7 41.5#

169 22.3 10.7 16.1#

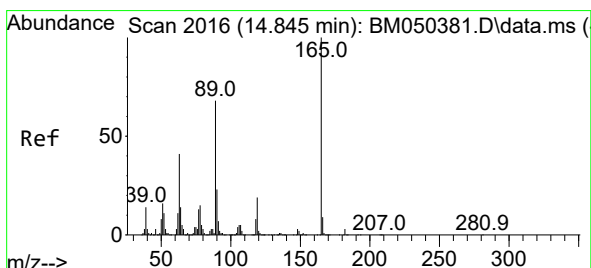
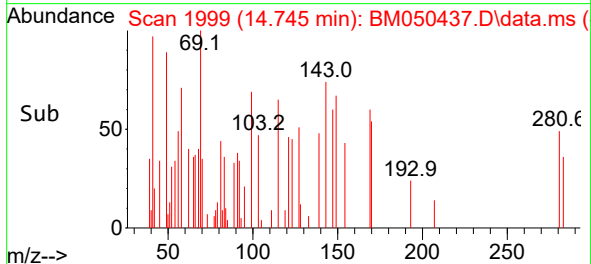
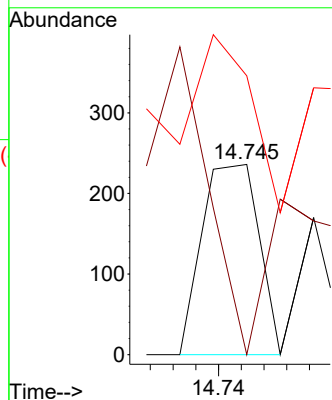
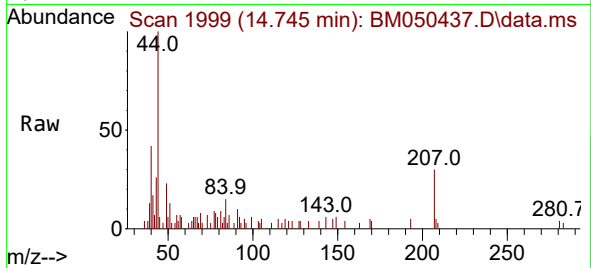




#56
4-Nitrophenol
Concen: 185.828 ng
RT: 14.745 min Scan# 1988
Delta R.T. 0.065 min
Lab File: BM050437.D
Acq: 14 Jul 2025 22:14

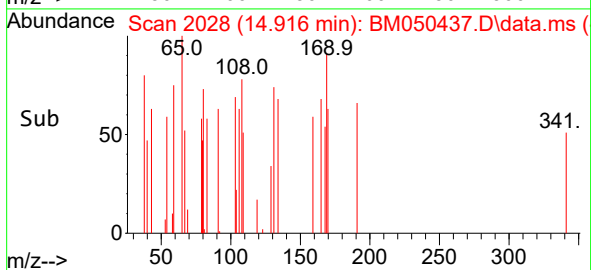
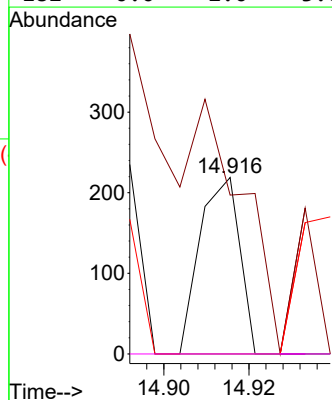
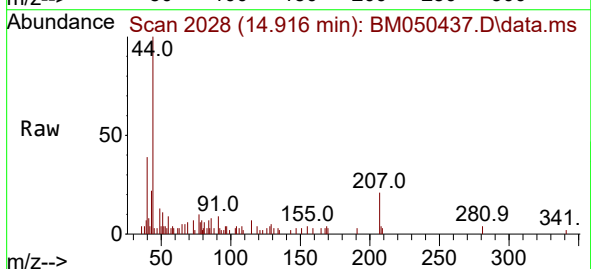
Instrument :
BNA_M
ClientSampleId :
G2(6-12)

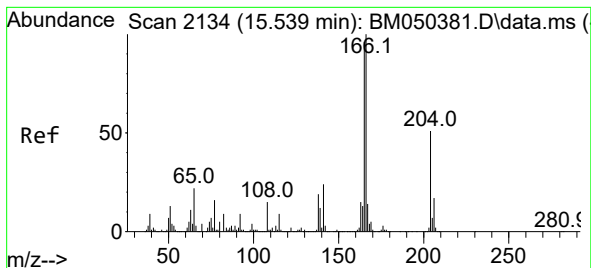
Tgt Ion:139 Resp: 164
Ion Ratio Lower Upper
139 100
109 0.0 56.5 96.5#
65 146.6 76.4 116.4#



#57
2,4-Dinitrotoluene
Concen: 95.444 ng
RT: 14.916 min Scan# 2028
Delta R.T. 0.071 min
Lab File: BM050437.D
Acq: 14 Jul 2025 22:14

Tgt Ion:165 Resp: 142
Ion Ratio Lower Upper
165 100
63 90.0 32.5 48.7#
89 0.0 54.0 81.0#
182 0.0 2.0 3.0#





#58

Fluorene

Concen: 4243.683 ng

RT: 15.527 min Scan# 2134

Delta R.T. -0.012 min

Lab File: BM050437.D

Acq: 14 Jul 2025 22:14

Instrument :

BNA_M

ClientSampleId :

G2(6-12)

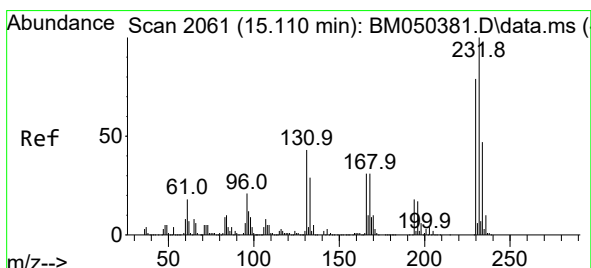
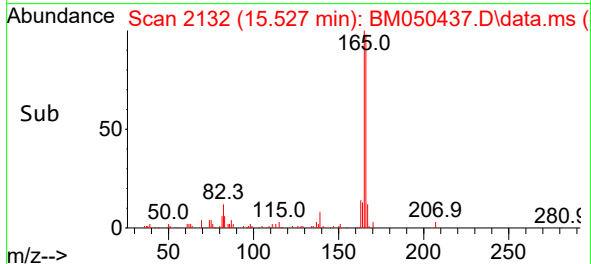
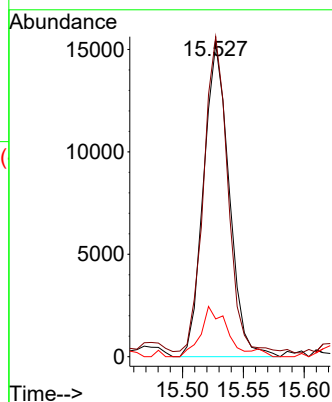
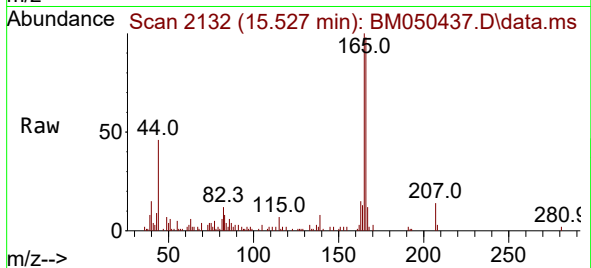
Tgt Ion:166 Resp: 22346

Ion Ratio Lower Upper

166 100

165 102.2 77.0 115.6

167 12.1 10.9 16.3



#59

2,3,4,6-Tetrachlorophenol

Concen: 157.569 ng

RT: 15.098 min Scan# 2059

Delta R.T. -0.012 min

Lab File: BM050437.D

Acq: 14 Jul 2025 22:14

Tgt Ion:232 Resp: 207

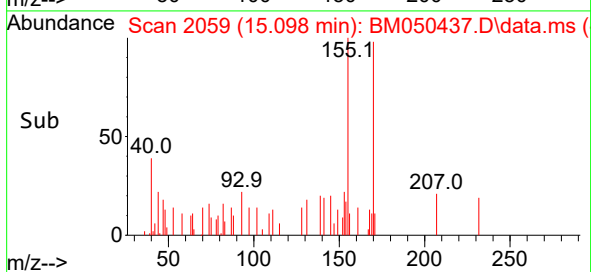
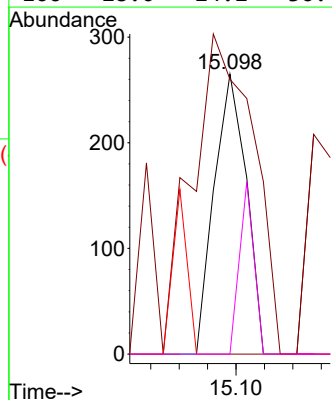
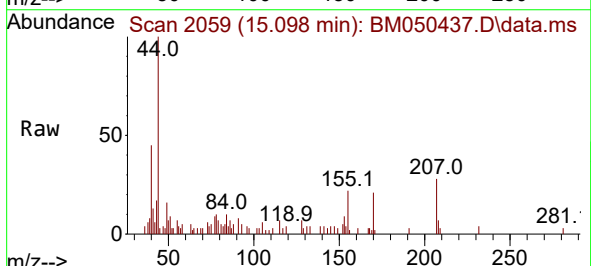
Ion Ratio Lower Upper

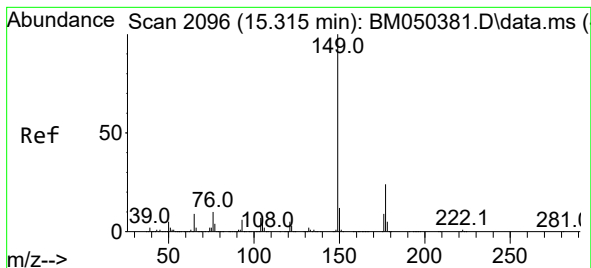
232 100

131 219.8 33.4 50.0#

130 0.0 1.8 2.6#

166 28.0 24.2 36.4





#60

Diethylphthalate

Concen: 1745.717 ng

RT: 15.298 min Scan# 2096

Delta R.T. -0.018 min

Lab File: BM050437.D

Acq: 14 Jul 2025 22:14

Instrument :

BNA_M

ClientSampleId :

G2(6-12)

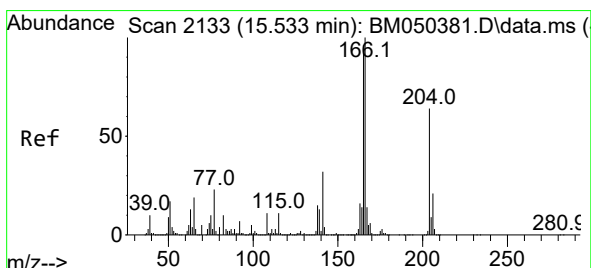
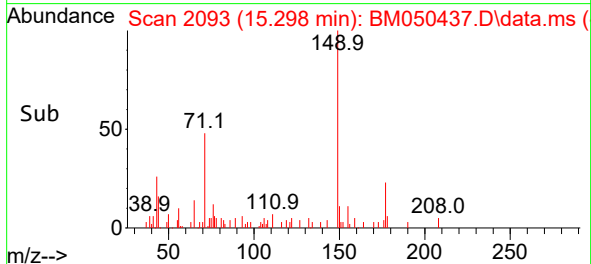
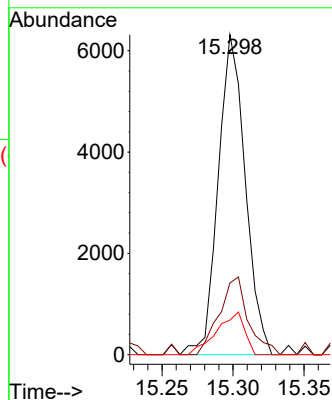
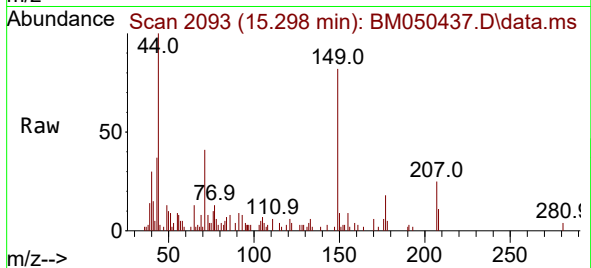
Tgt Ion:149 Resp: 8381

Ion Ratio Lower Upper

149 100

177 22.4 18.8 28.2

150 10.8 9.8 14.8



#61

4-Chlorophenyl-phenylether

Concen: 20.702 ng

RT: 15.592 min Scan# 2143

Delta R.T. 0.059 min

Lab File: BM050437.D

Acq: 14 Jul 2025 22:14

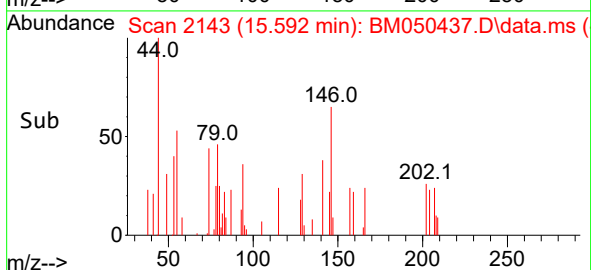
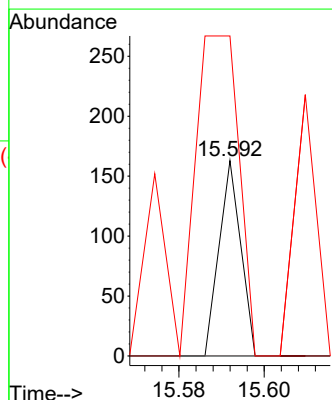
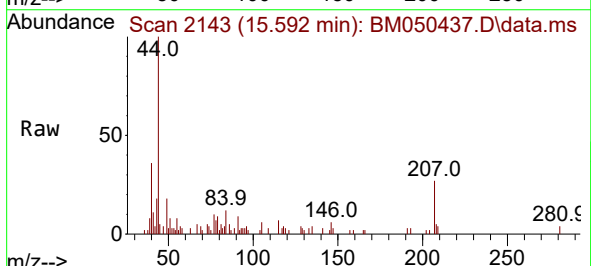
Tgt Ion:204 Resp: 57

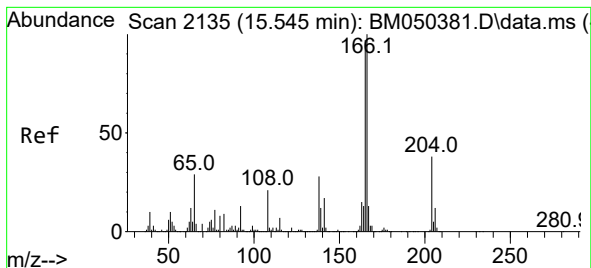
Ion Ratio Lower Upper

204 100

206 0.0 26.6 39.8#

141 163.8 39.9 59.9#

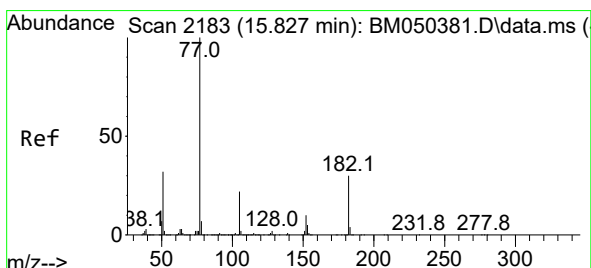
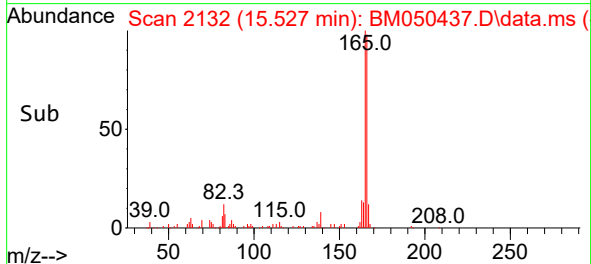
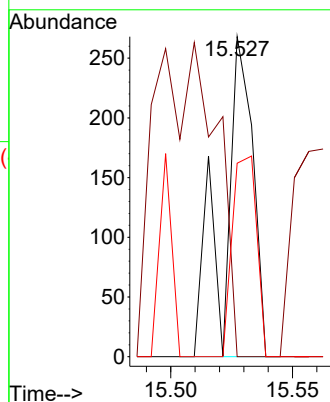
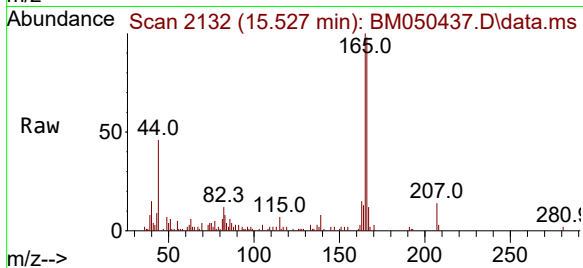




#62
4-Nitroaniline
Concen: 180.611 ng
RT: 15.527 min Scan# 2132
Delta R.T. -0.018 min
Lab File: BM050437.D
Acq: 14 Jul 2025 22:14

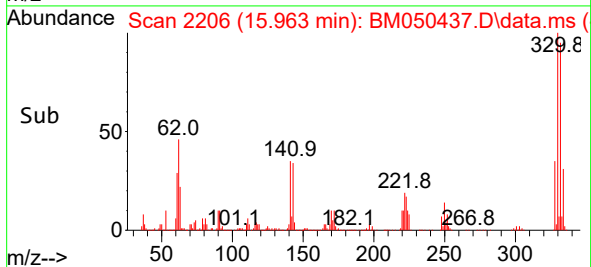
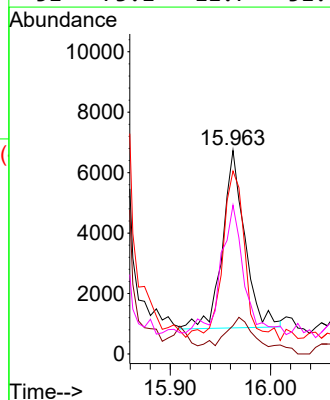
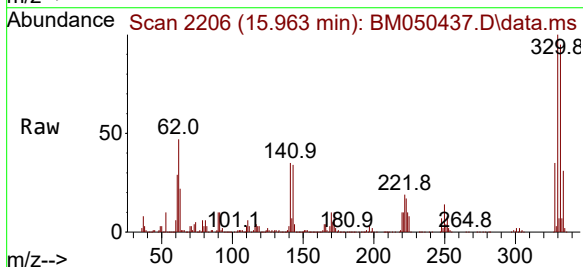
Instrument :
BNA_M
ClientSampleId :
G2(6-12)

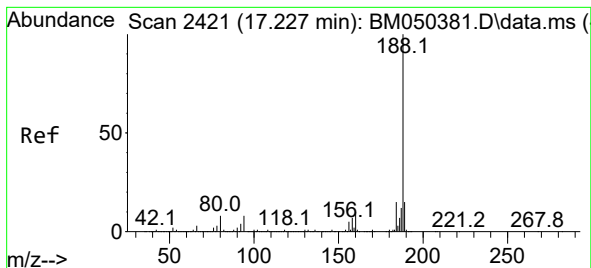
Tgt Ion:138 Resp: 222
Ion Ratio Lower Upper
138 100
92 0.0 24.5 64.5#
108 60.4 52.5 92.5



#63
Azobenzene
Concen: 2056.300 ng
RT: 15.963 min Scan# 2206
Delta R.T. 0.135 min
Lab File: BM050437.D
Acq: 14 Jul 2025 22:14

Tgt Ion: 77 Resp: 9065
Ion Ratio Lower Upper
77 100
182 13.9 10.0 50.0
105 89.8 2.0 42.0#
51 73.1 11.7 51.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.215 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM050437.D

Acq: 14 Jul 2025 22:14

Instrument :

BNA_M

ClientSampleId :

G2(6-12)

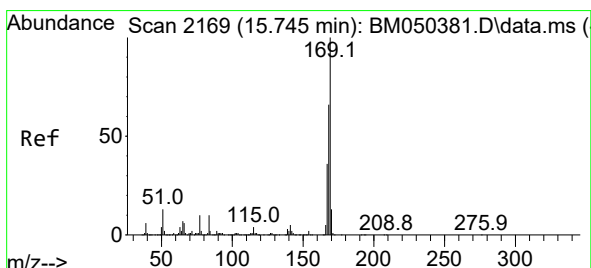
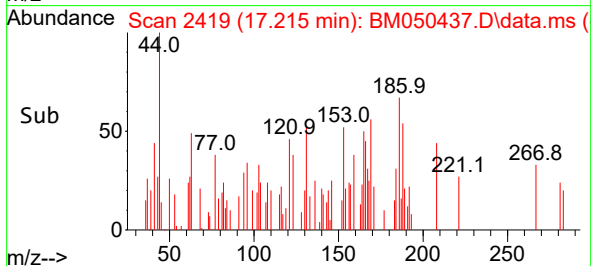
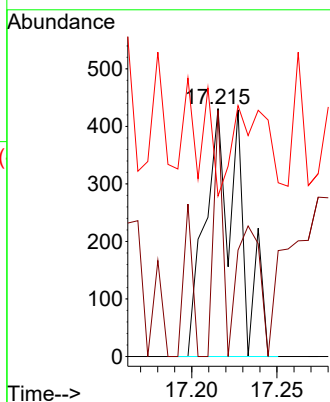
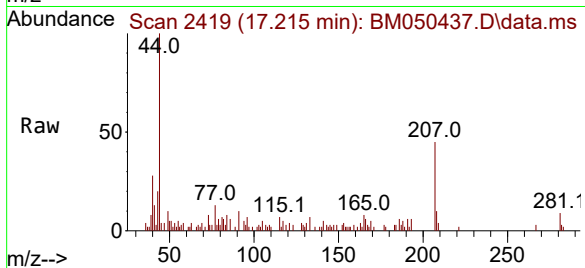
Tgt Ion:188 Resp: 595

Ion Ratio Lower Upper

188 100

94 99.3 6.0 9.0#

80 64.7 6.5 9.7#



#66

n-Nitrosodiphenylamine

Concen: 2637.645 ng

RT: 15.963 min Scan# 2206

Delta R.T. 0.218 min

Lab File: BM050437.D

Acq: 14 Jul 2025 22:14

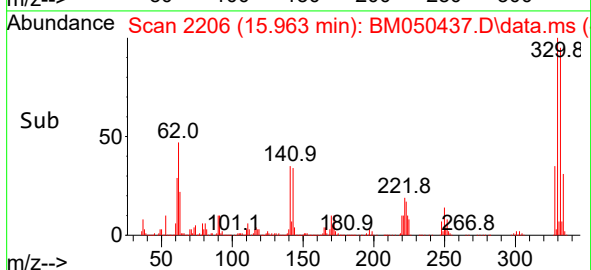
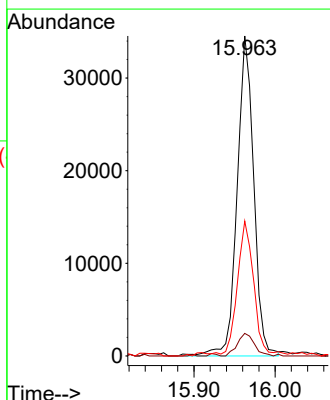
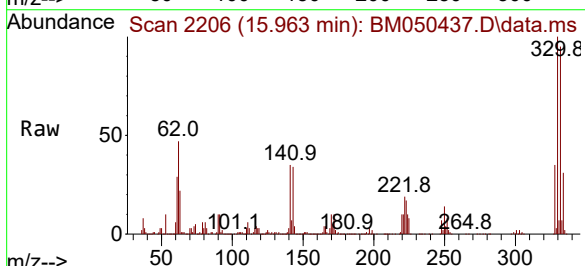
Tgt Ion:169 Resp: 49109

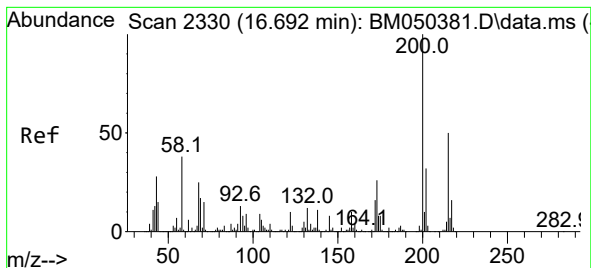
Ion Ratio Lower Upper

169 100

168 7.0 53.2 79.8#

167 42.2 28.7 43.1





#69

Atrazine

Concen: 10.141 ng

RT: 16.827 min Scan# 21

Delta R.T. 0.135 min

Lab File: BM050437.D

Acq: 14 Jul 2025 22:14

Instrument :

BNA_M

ClientSampleId :

G2(6-12)

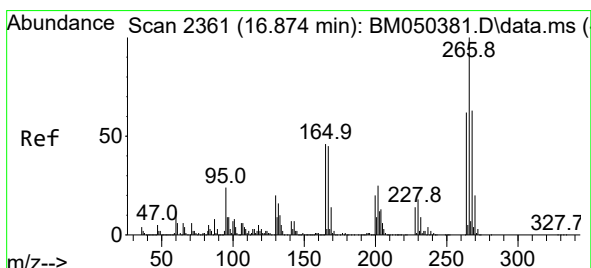
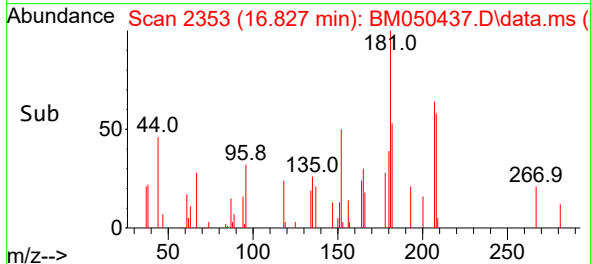
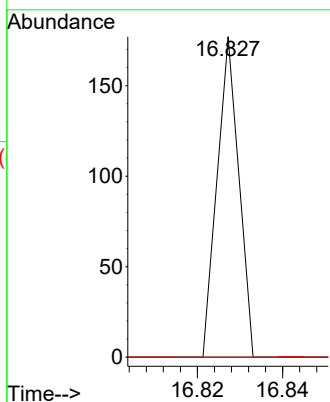
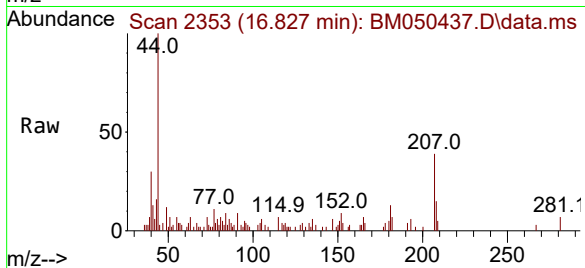
Tgt Ion:200 Resp: 62

Ion Ratio Lower Upper

200 100

173 0.0 5.6 45.6#

215 0.0 29.6 69.6#



#70

Pentachlorophenol

Concen: 151.872 ng

RT: 16.857 min Scan# 2358

Delta R.T. -0.018 min

Lab File: BM050437.D

Acq: 14 Jul 2025 22:14

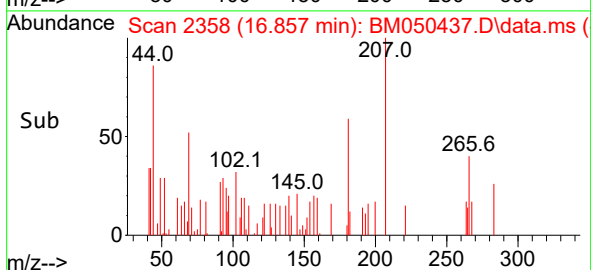
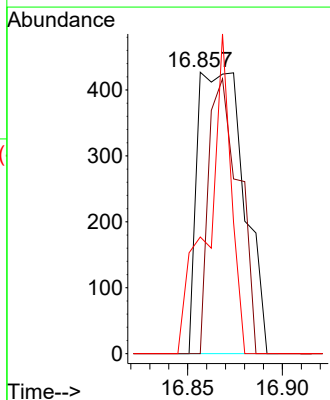
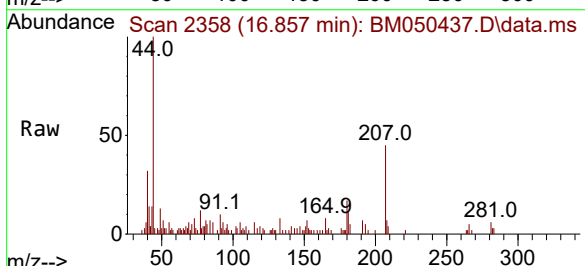
Tgt Ion:266 Resp: 732

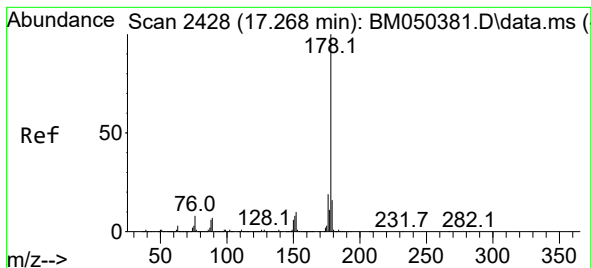
Ion Ratio Lower Upper

266 100

268 0.0 50.5 75.7#

264 77.0 49.9 74.9#





#71

Phenanthrene

Concen: 2219.733 ng

RT: 17.257 min Scan# 2426

Delta R.T. -0.012 min

Lab File: BM050437.D

Acq: 14 Jul 2025 22:14

Instrument :

BNA_M

ClientSampleId :

G2(6-12)

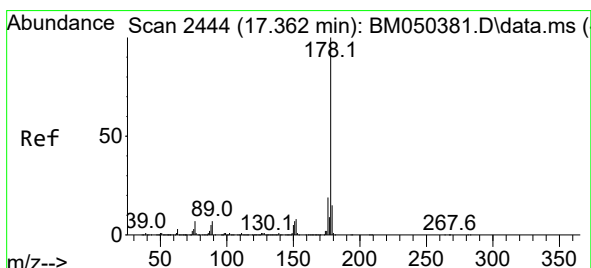
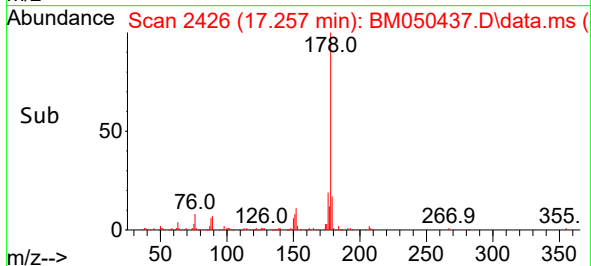
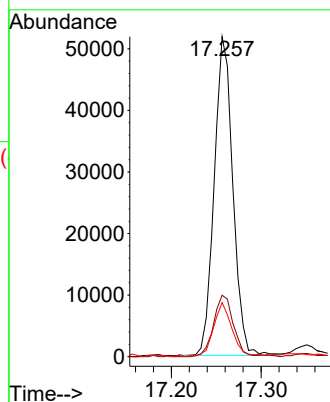
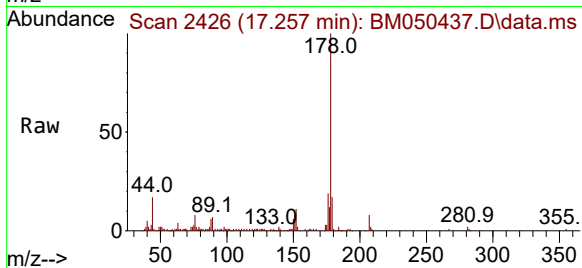
Tgt Ion:178 Resp: 74735

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 16.9 12.5 18.7



#72

Anthracene

Concen: 2229.983 ng

RT: 17.257 min Scan# 2426

Delta R.T. -0.106 min

Lab File: BM050437.D

Acq: 14 Jul 2025 22:14

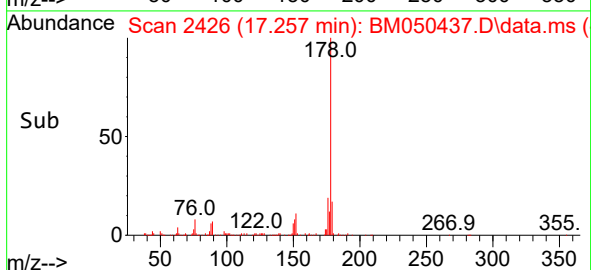
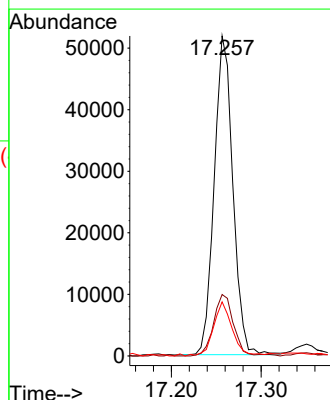
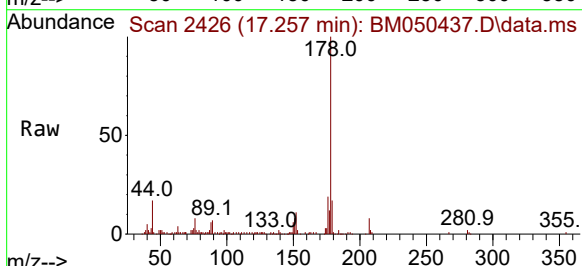
Tgt Ion:178 Resp: 74735

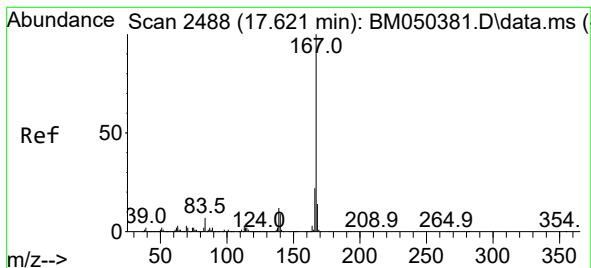
Ion Ratio Lower Upper

178 100

176 19.2 14.9 22.3

179 16.9 12.2 18.4





#73

Carbazole

Concen: 39.837 ng

RT: 17.609 min Scan# 2486

Delta R.T. -0.012 min

Lab File: BM050437.D

Acq: 14 Jul 2025 22:14

Instrument :

BNA_M

ClientSampleId :

G2(6-12)

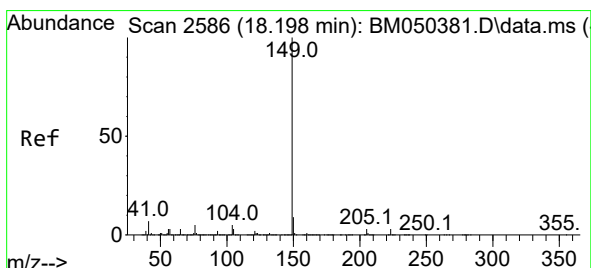
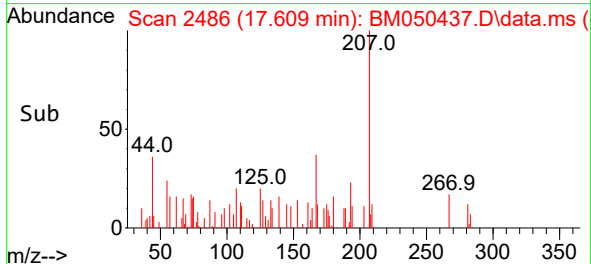
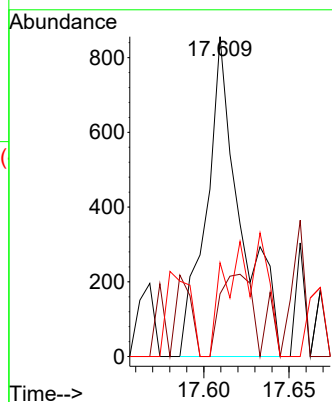
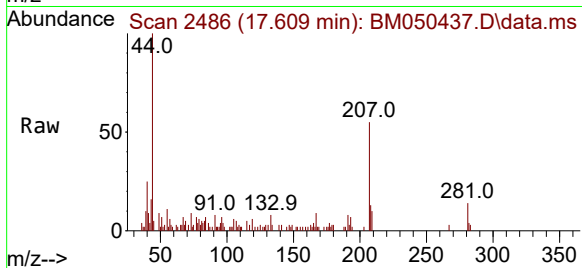
Tgt Ion:167 Resp: 1208

Ion Ratio Lower Upper

167 100

166 19.6 17.2 25.8

139 29.3 9.9 14.9#



#74

Di-n-butylphthalate

Concen: 375.194 ng

RT: 18.180 min Scan# 2583

Delta R.T. -0.018 min

Lab File: BM050437.D

Acq: 14 Jul 2025 22:14

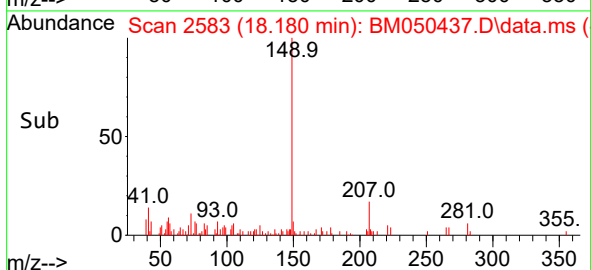
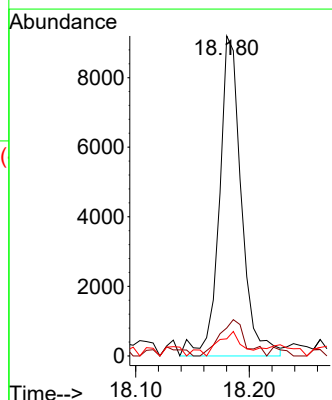
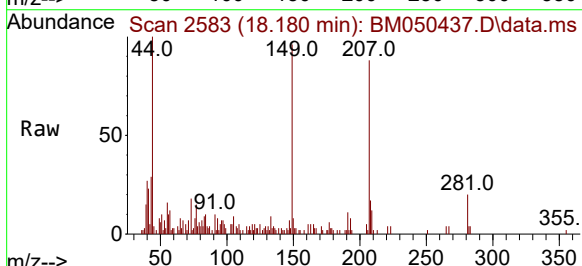
Tgt Ion:149 Resp: 12453

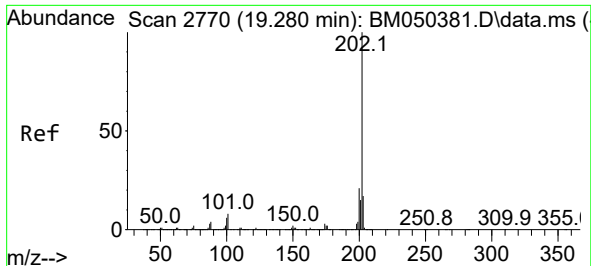
Ion Ratio Lower Upper

149 100

150 8.8 7.3 10.9

104 5.3 3.9 5.9

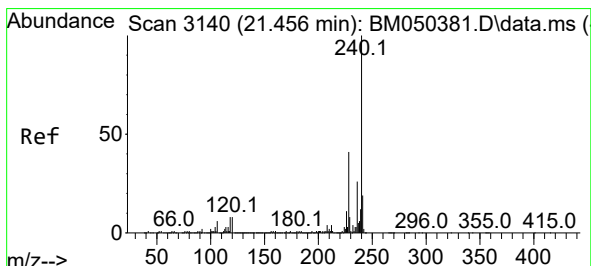
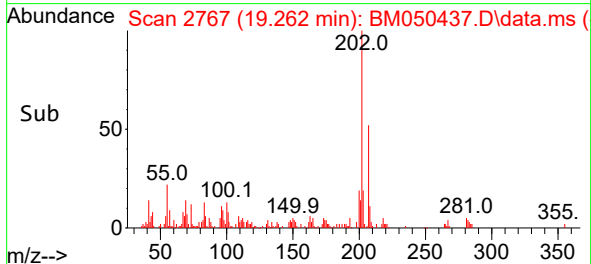
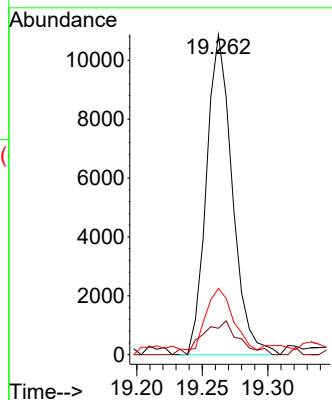
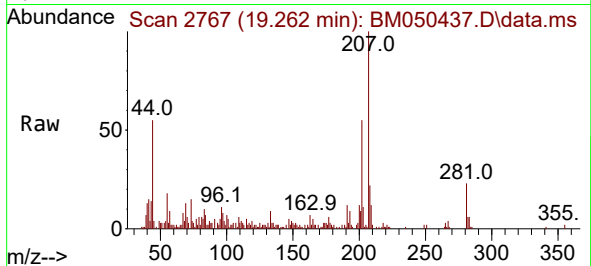




#75
Fluoranthene
Concen: 407.088 ng
RT: 19.262 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM050437.D
Acq: 14 Jul 2025 22:14

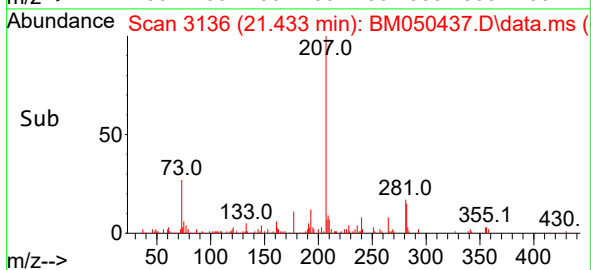
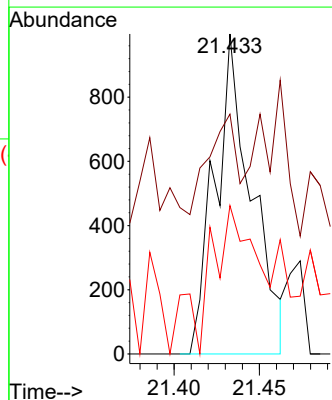
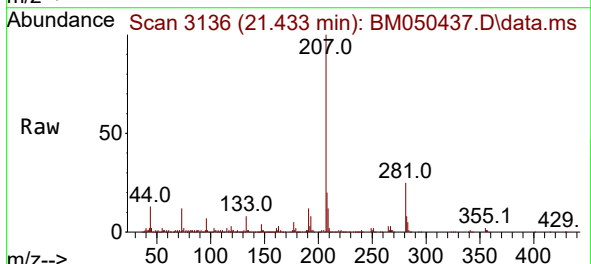
Instrument :
BNA_M
ClientSampleId :
G2(6-12)

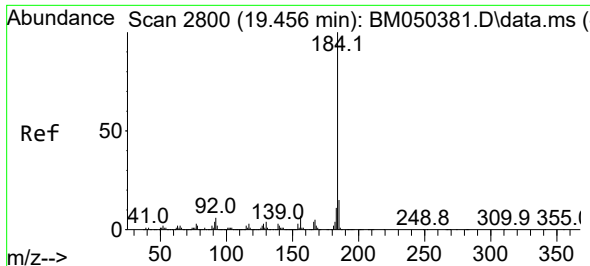
Tgt Ion:202 Resp: 14900
Ion Ratio Lower Upper
202 100
101 10.9 0.0 28.3
203 20.8 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3136
Delta R.T. -0.023 min
Lab File: BM050437.D
Acq: 14 Jul 2025 22:14

Tgt Ion:240 Resp: 1488
Ion Ratio Lower Upper
240 100
120 74.9 6.7 10.1#
236 46.3 20.7 31.1#

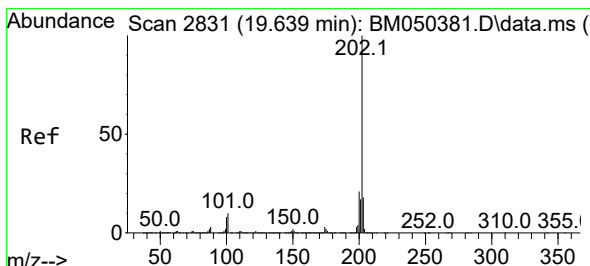
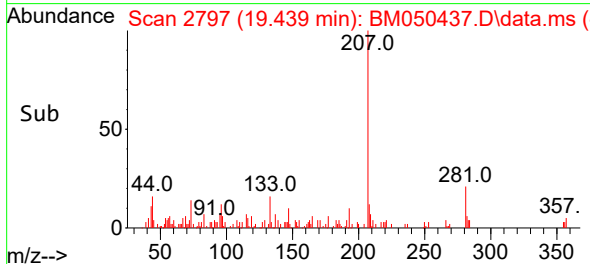
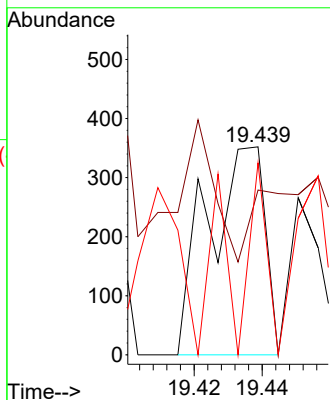
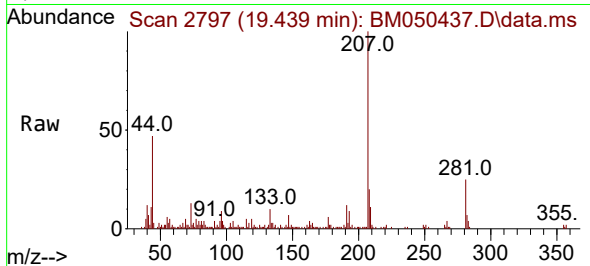




#77
Benzidine
Concen: 10.724 ng
RT: 19.439 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM050437.D
Acq: 14 Jul 2025 22:14

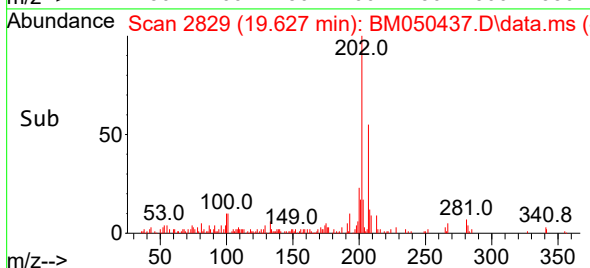
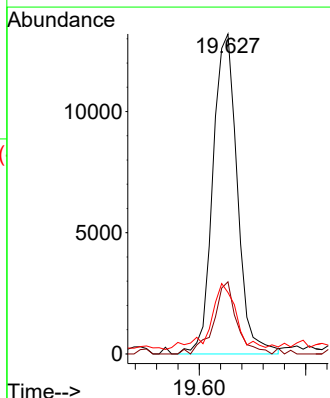
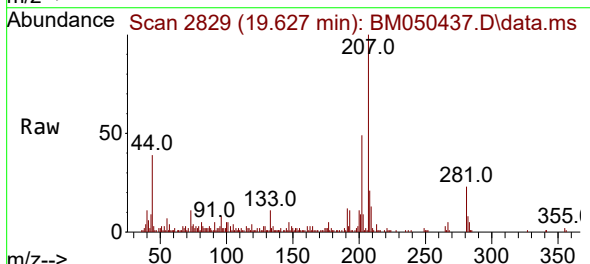
Instrument :
BNA_M
ClientSampleId :
G2(6-12)

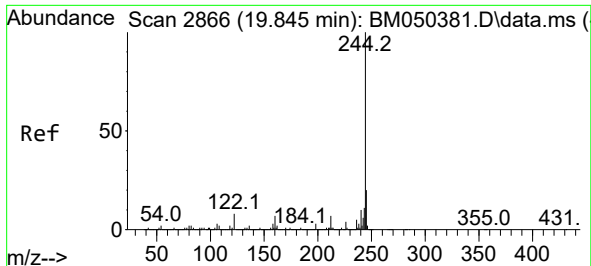
Tgt Ion:184 Resp: 407
Ion Ratio Lower Upper
184 100
185 79.3 11.7 17.5#
183 92.3 9.0 13.6#



#78
Pyrene
Concen: 220.348 ng
RT: 19.627 min Scan# 2829
Delta R.T. -0.012 min
Lab File: BM050437.D
Acq: 14 Jul 2025 22:14

Tgt Ion:202 Resp: 20999
Ion Ratio Lower Upper
202 100
200 22.5 16.9 25.3
203 19.2 14.1 21.1

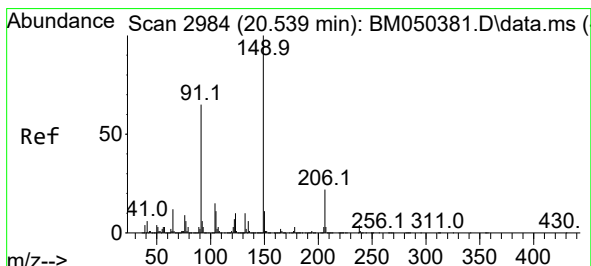
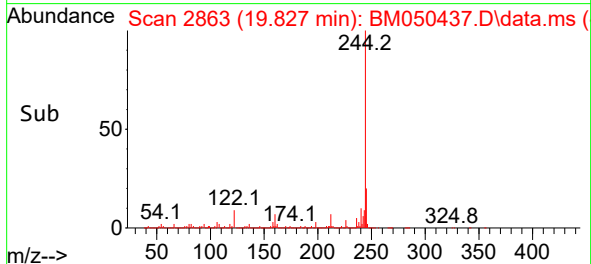
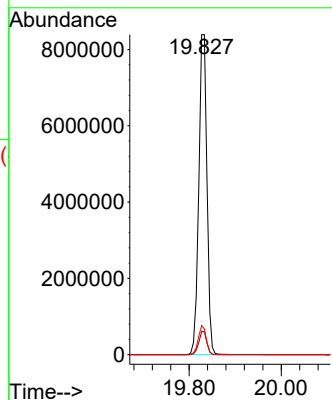
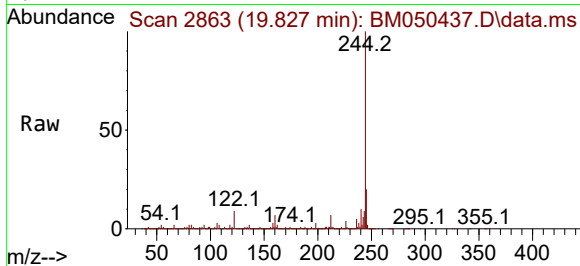




#79
 Terphenyl-d14
 Concen: 121573.012 ng
 RT: 19.827 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM050437.D
 Acq: 14 Jul 2025 22:14

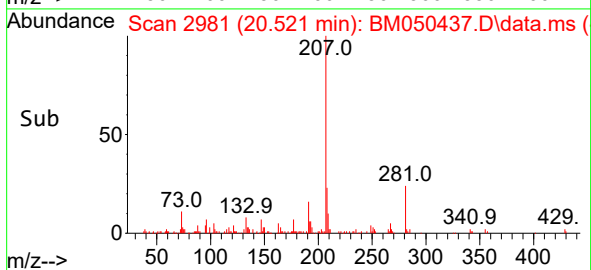
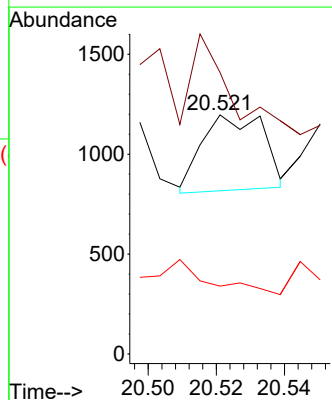
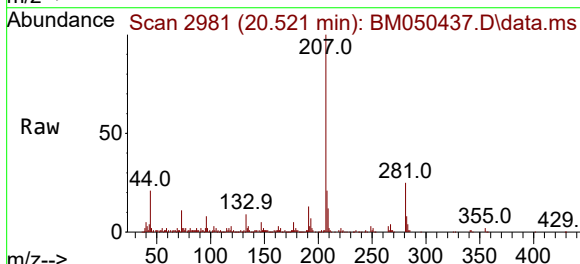
Instrument :
 BNA_M
 ClientSampleId :
 G2(6-12)

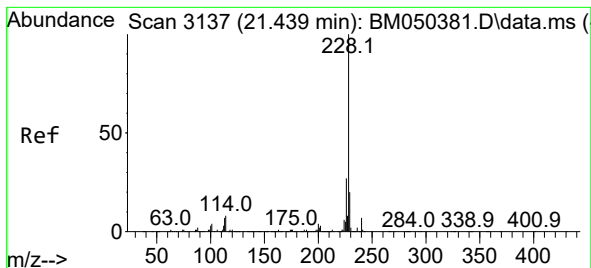
Tgt Ion:244 Resp:10281609
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 9.1 6.2 9.2



#80
 Butylbenzylphthalate
 Concen: 14.989 ng
 RT: 20.521 min Scan# 2981
 Delta R.T. -0.018 min
 Lab File: BM050437.D
 Acq: 14 Jul 2025 22:14

Tgt Ion:149 Resp: 471
 Ion Ratio Lower Upper
 149 100
 91 117.7 51.6 77.4#
 206 28.4 17.8 26.8#





#81

Benzo(a)anthracene

Concen: 38.977 ng

RT: 21.480 min Scan# 31

Delta R.T. 0.041 min

Lab File: BM050437.D

Acq: 14 Jul 2025 22:14

Instrument :

BNA_M

ClientSampleId :

G2(6-12)

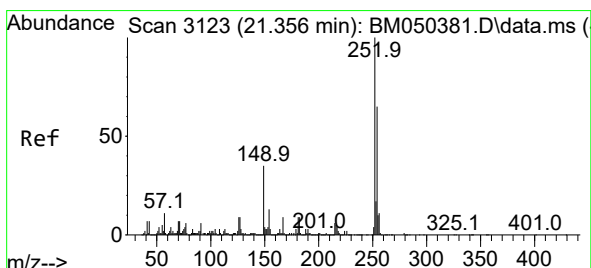
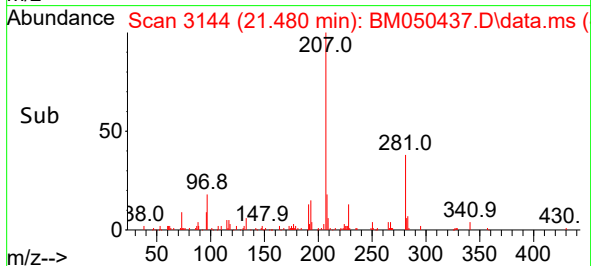
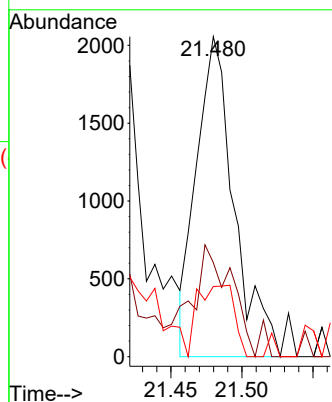
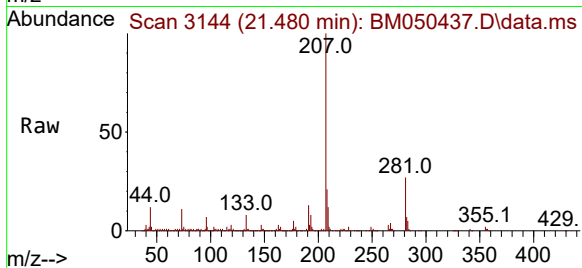
Tgt Ion:228 Resp: 3779

Ion Ratio Lower Upper

228 100

226 29.4 21.8 32.8

229 21.9 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 9.114 ng

RT: 21.339 min Scan# 3120

Delta R.T. -0.018 min

Lab File: BM050437.D

Acq: 14 Jul 2025 22:14

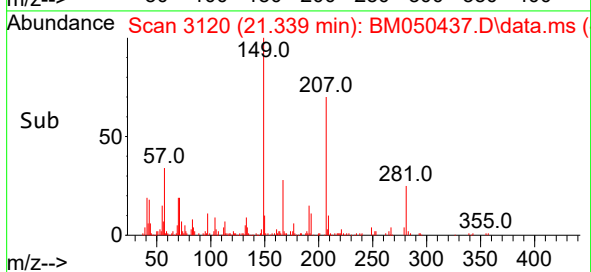
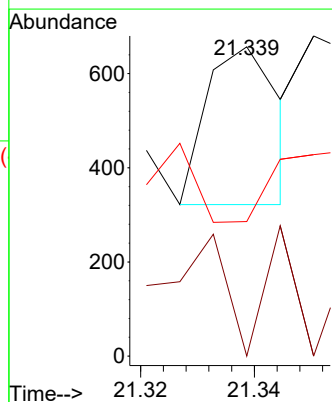
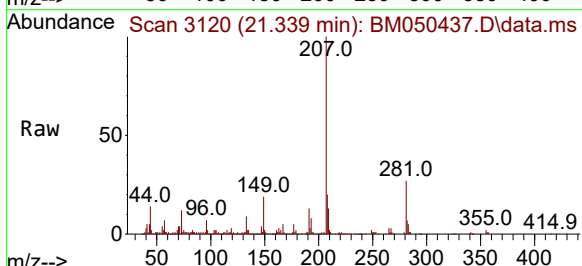
Tgt Ion:252 Resp: 298

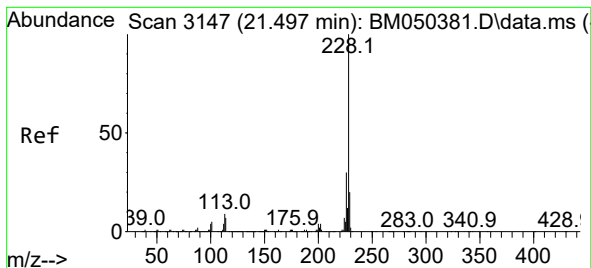
Ion Ratio Lower Upper

252 100

254 0.0 51.7 77.5#

126 43.5 7.3 10.9#





#83

Chrysene

Concen: 41.324 ng

RT: 21.480 min Scan# 3147

Delta R.T. -0.018 min

Lab File: BM050437.D

Acq: 14 Jul 2025 22:14

Instrument :

BNA_M

ClientSampleId :

G2(6-12)

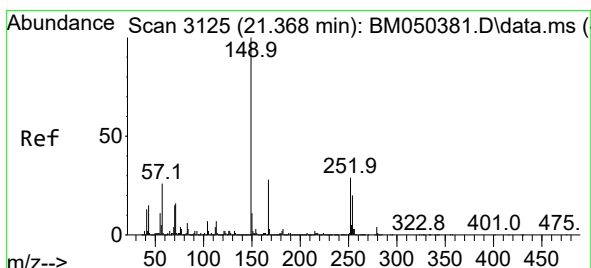
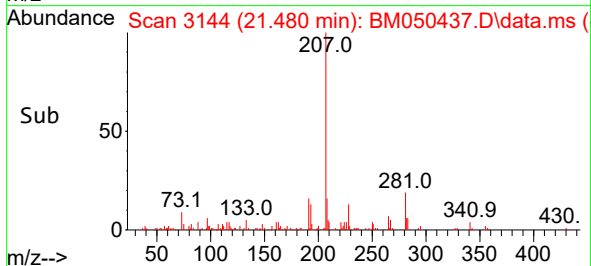
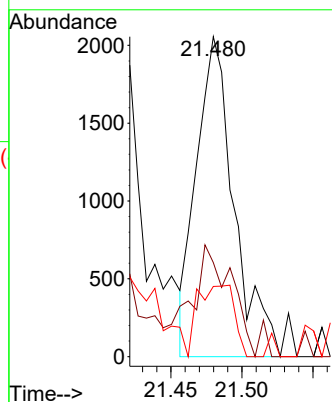
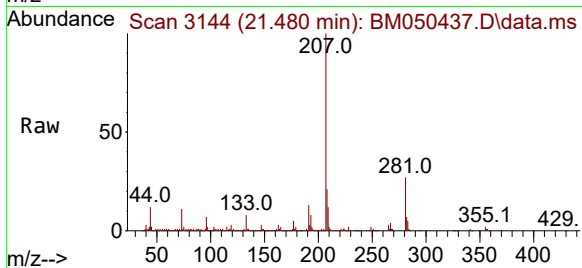
Tgt Ion:228 Resp: 3779

Ion Ratio Lower Upper

228 100

226 29.4 24.2 36.4

229 21.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 1388.960 ng

RT: 21.350 min Scan# 3122

Delta R.T. -0.018 min

Lab File: BM050437.D

Acq: 14 Jul 2025 22:14

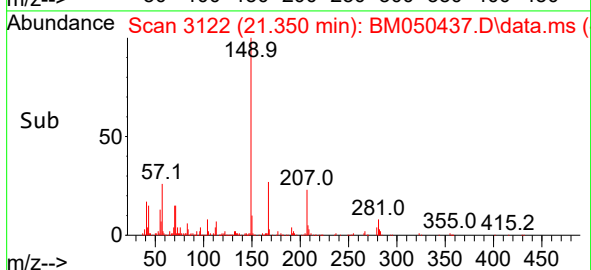
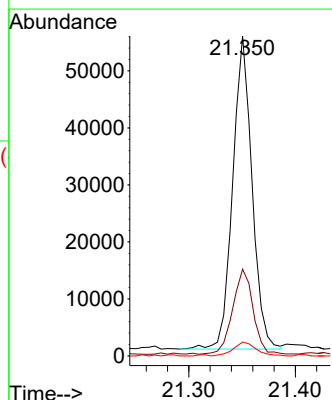
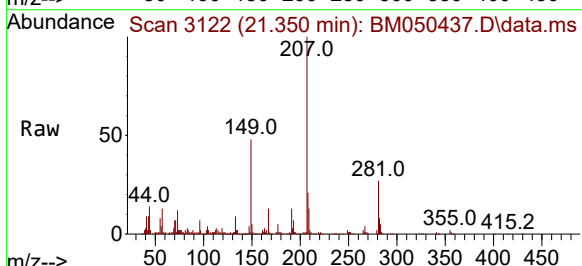
Tgt Ion:149 Resp: 69286

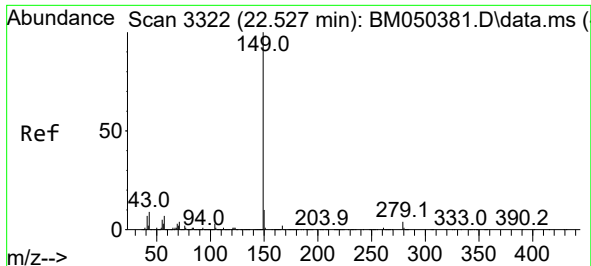
Ion Ratio Lower Upper

149 100

167 27.1 22.7 34.1

279 4.4 3.5 5.3

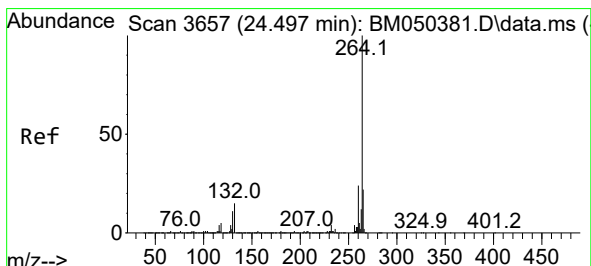
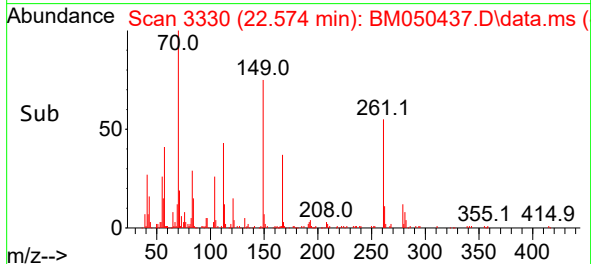
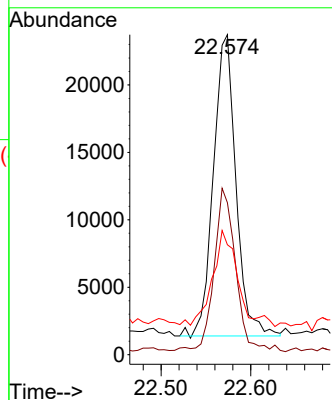
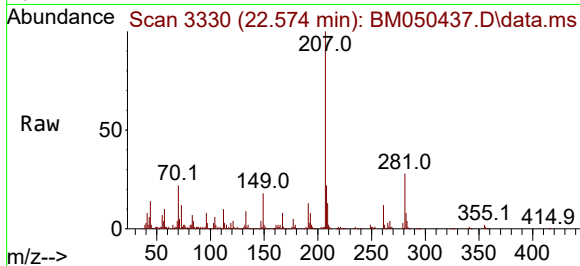




#85
Di-n-octyl phthalate
Concen: 499.090 ng
RT: 22.574 min Scan# 31
Delta R.T. 0.047 min
Lab File: BM050437.D
Acq: 14 Jul 2025 22:14

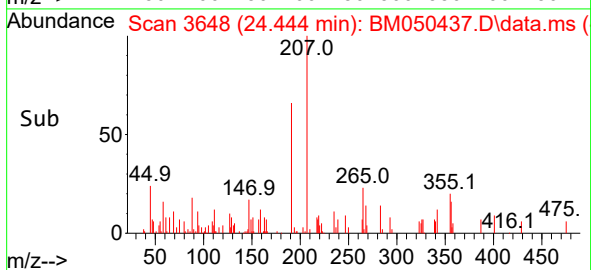
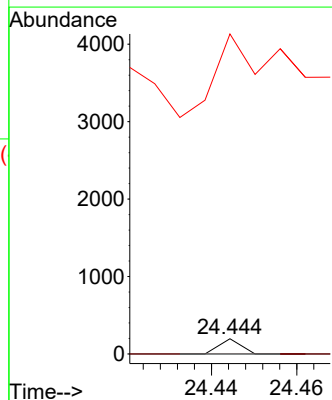
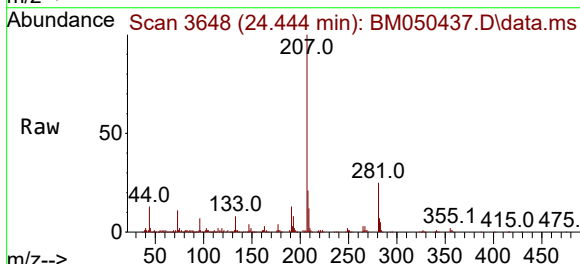
Instrument :
BNA_M
ClientSampleId :
G2(6-12)

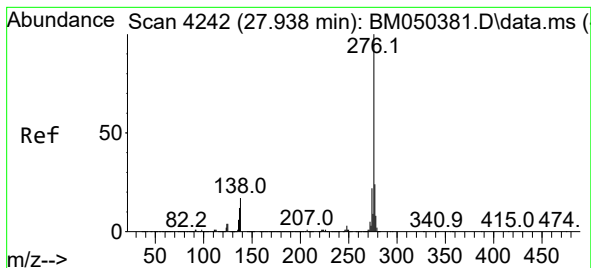
Tgt Ion:149 Resp: 38993
Ion Ratio Lower Upper
149 100
167 52.3 1.3 1.9#
43 32.3 7.7 11.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.444 min Scan# 3648
Delta R.T. -0.053 min
Lab File: BM050437.D
Acq: 14 Jul 2025 22:14

Tgt Ion:264 Resp: 69
Ion Ratio Lower Upper
264 100
260 0.0 19.2 28.8#
265 2108.2 17.8 26.6#





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.910 ng

RT: 27.868 min Scan# 41

Delta R.T. -0.070 min

Lab File: BM050437.D

Acq: 14 Jul 2025 22:14

Instrument :

BNA_M

ClientSampleId :

G2(6-12)

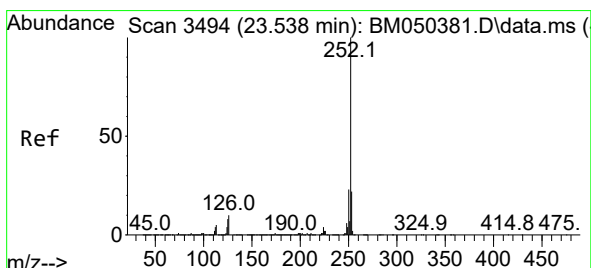
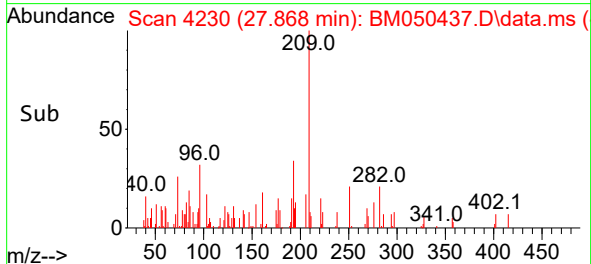
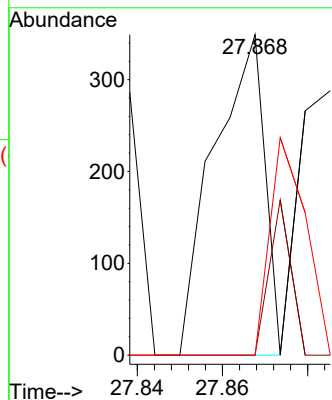
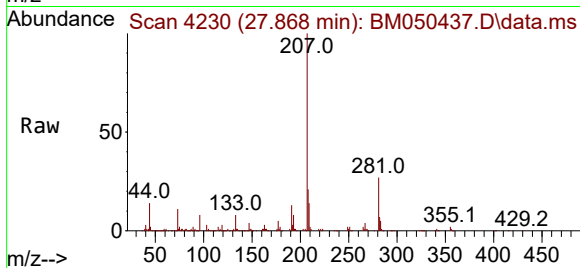
Tgt Ion:276 Resp: 289

Ion Ratio Lower Upper

276 100

138 20.8 17.0 25.6

277 47.8 20.0 30.0#



#88

Benzo(b)fluoranthene

Concen: 85.293 ng

RT: 23.468 min Scan# 3482

Delta R.T. -0.070 min

Lab File: BM050437.D

Acq: 14 Jul 2025 22:14

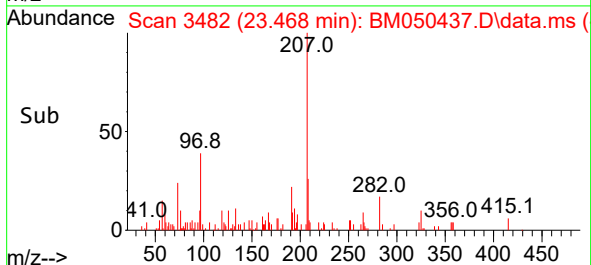
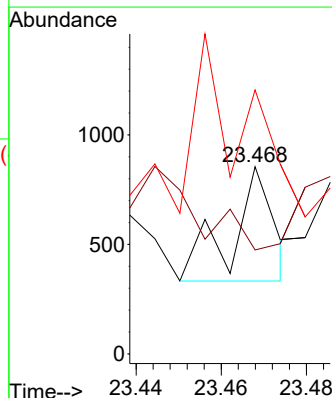
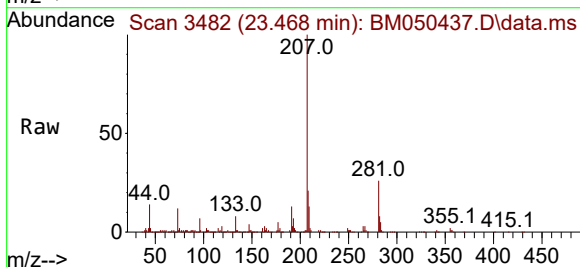
Tgt Ion:252 Resp: 362

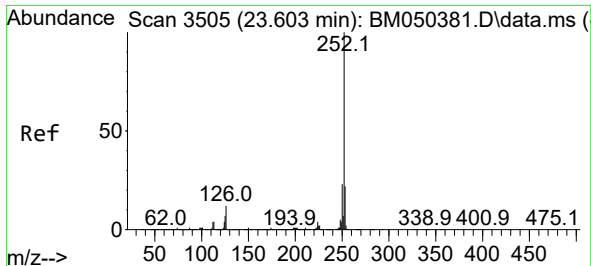
Ion Ratio Lower Upper

252 100

253 55.6 17.8 26.6#

125 140.9 6.3 9.5#

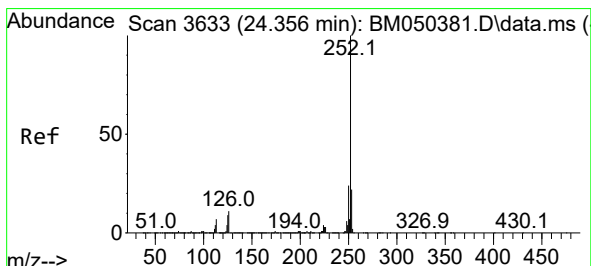
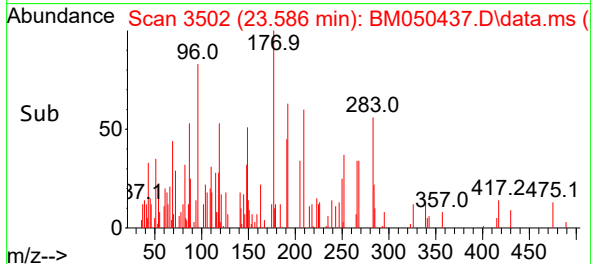
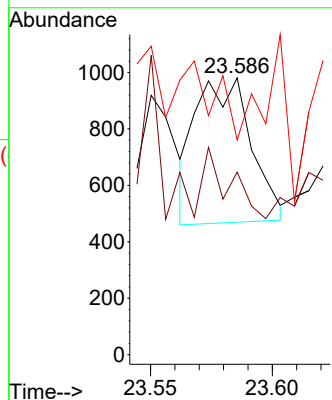
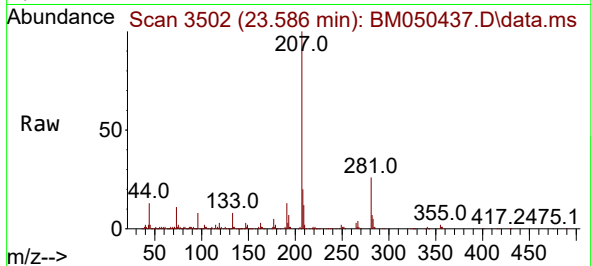




#89
Benzo(k)fluoranthene
Concen: 182.793 ng
RT: 23.586 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM050437.D
Acq: 14 Jul 2025 22:14

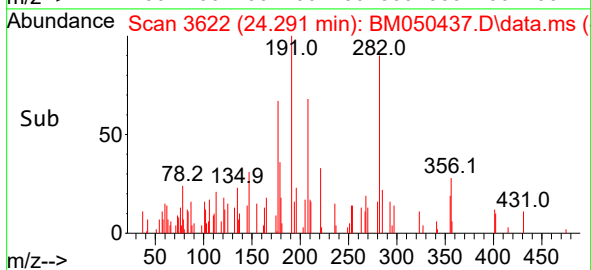
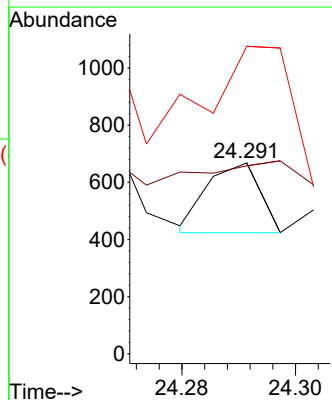
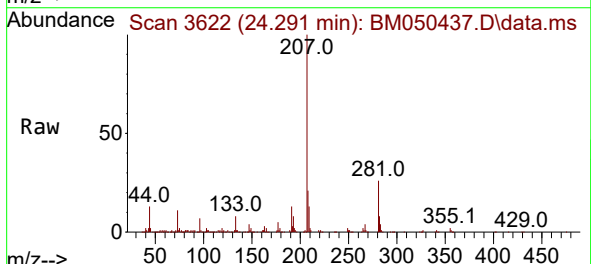
Instrument :
BNA_M
ClientSampleId :
G2(6-12)

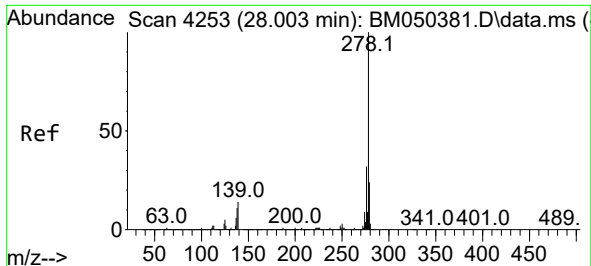
Tgt Ion:252 Resp: 805
Ion Ratio Lower Upper
252 100
253 66.0 17.6 26.4#
125 77.6 6.2 9.2#



#90
Benzo(a)pyrene
Concen: 39.265 ng
RT: 24.291 min Scan# 3622
Delta R.T. -0.065 min
Lab File: BM050437.D
Acq: 14 Jul 2025 22:14

Tgt Ion:252 Resp: 156
Ion Ratio Lower Upper
252 100
253 98.5 17.8 26.6#
125 161.1 7.0 10.4#

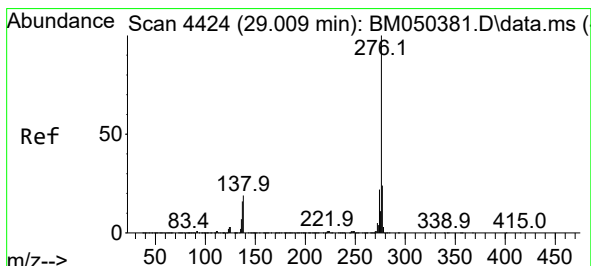
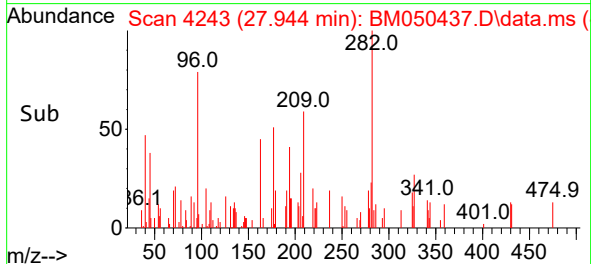
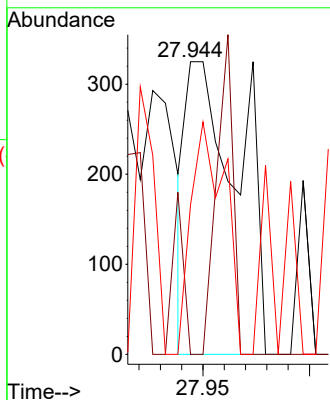
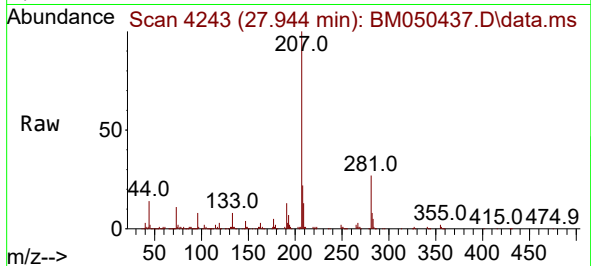




#91
 Dibenzo(a,h)anthracene
 Concen: 135.058 ng
 RT: 27.944 min Scan# 4115
 Delta R.T. -0.059 min
 Lab File: BM050437.D
 Acq: 14 Jul 2025 22:14

Instrument :
 BNA_M
 ClientSampleId :
 G2(6-12)

Tgt Ion:278 Resp: 558
 Ion Ratio Lower Upper
 278 100
 139 0.0 10.8 16.2#
 279 51.1 19.4 29.0#



#92
 Benzo(g,h,i)perylene
 Concen: 108.584 ng
 RT: 28.956 min Scan# 4415
 Delta R.T. -0.053 min
 Lab File: BM050437.D
 Acq: 14 Jul 2025 22:14

Tgt Ion:276 Resp: 424
 Ion Ratio Lower Upper
 276 100
 277 0.0 19.1 28.7#
 138 133.0 14.9 22.3#

