

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050385.D
 Acq On : 08 Jul 2025 18:05
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM070925

Quant Time: Jul 09 01:17:58 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	7.863	152	404345	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1554046	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	1008264	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1898481	20.000	ng	0.00
76) Chrysene-d12	21.456	240	1940016	20.000	ng	0.00
86) Perylene-d12	24.497	264	1874427	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1875929	79.859	ng	0.00
7) Phenol-d6	7.022	99	2388524	80.660	ng	0.00
23) Nitrobenzene-d5	9.016	82	2227871	73.139	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	1026446	83.788	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	5771427	70.689	ng	0.00
79) Terphenyl-d14	19.845	244	8726739	79.145	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	366994	37.994	ng	99
3) Pyridine	3.734	79	1042715	41.118	ng	98
4) n-Nitrosodimethylamine	3.640	42	482767	40.835	ng	99
6) Aniline	7.187	93	1617701	42.568	ng	100
8) 2-Chlorophenol	7.428	128	1063478	42.935	ng	98
9) Benzaldehyde	6.998	77	799316m	45.376	ng	
10) Phenol	7.051	94	1300713	42.114	ng	99
11) bis(2-Chloroethyl)ether	7.287	93	1044803	42.240	ng	98
12) 1,3-Dichlorobenzene	7.757	146	1260411	41.848	ng	97
13) 1,4-Dichlorobenzene	7.904	146	1279655	41.609	ng	99
14) 1,2-Dichlorobenzene	8.216	146	1221241	41.478	ng	99
15) Benzyl Alcohol	8.098	79	887896	42.555	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.392	45	1497256	41.095	ng	99
17) 2-Methylphenol	8.298	107	855883	42.726	ng	99
18) Hexachloroethane	8.951	117	453255	41.906	ng	99
19) n-Nitroso-di-n-propyla...	8.675	70	792336	44.168	ng	97
20) 3+4-Methylphenols	8.628	107	1136862	42.276	ng	99
22) Acetophenone	8.686	105	1643199	42.290	ng	# 97
24) Nitrobenzene	9.063	77	1137842	41.860	ng	98
25) Isophorone	9.592	82	2120872	42.909	ng	99
26) 2-Nitrophenol	9.775	139	514999	46.488	ng	97
27) 2,4-Dimethylphenol	9.833	122	1001149	42.470	ng	98
28) bis(2-Chloroethoxy)met...	10.069	93	1371682	41.880	ng	100
29) 2,4-Dichlorophenol	10.304	162	1042869	43.061	ng	99
30) 1,2,4-Trichlorobenzene	10.528	180	1216831	42.001	ng	99
31) Naphthalene	10.716	128	3258495	41.281	ng	99
32) Benzoic acid	9.951	122	593935	41.913	ng	97
33) 4-Chloroaniline	10.810	127	1415715	42.424	ng	99
34) Hexachlorobutadiene	11.010	225	749497	42.386	ng	99
35) Caprolactam	11.586	113	285315	43.156	ng	92
36) 4-Chloro-3-methylphenol	11.933	107	979521	43.312	ng	100
37) 2-Methylnaphthalene	12.322	142	2124989	42.637	ng	99
38) 1-Methylnaphthalene	12.539	142	2230710	42.292	ng	98
40) 1,2,4,5-Tetrachloroben...	12.692	216	1374217	42.859	ng	100
41) Hexachlorocyclopentadiene	12.680	237	881607	43.015	ng	99
43) 2,4,6-Trichlorophenol	12.927	196	858251	43.485	ng	98

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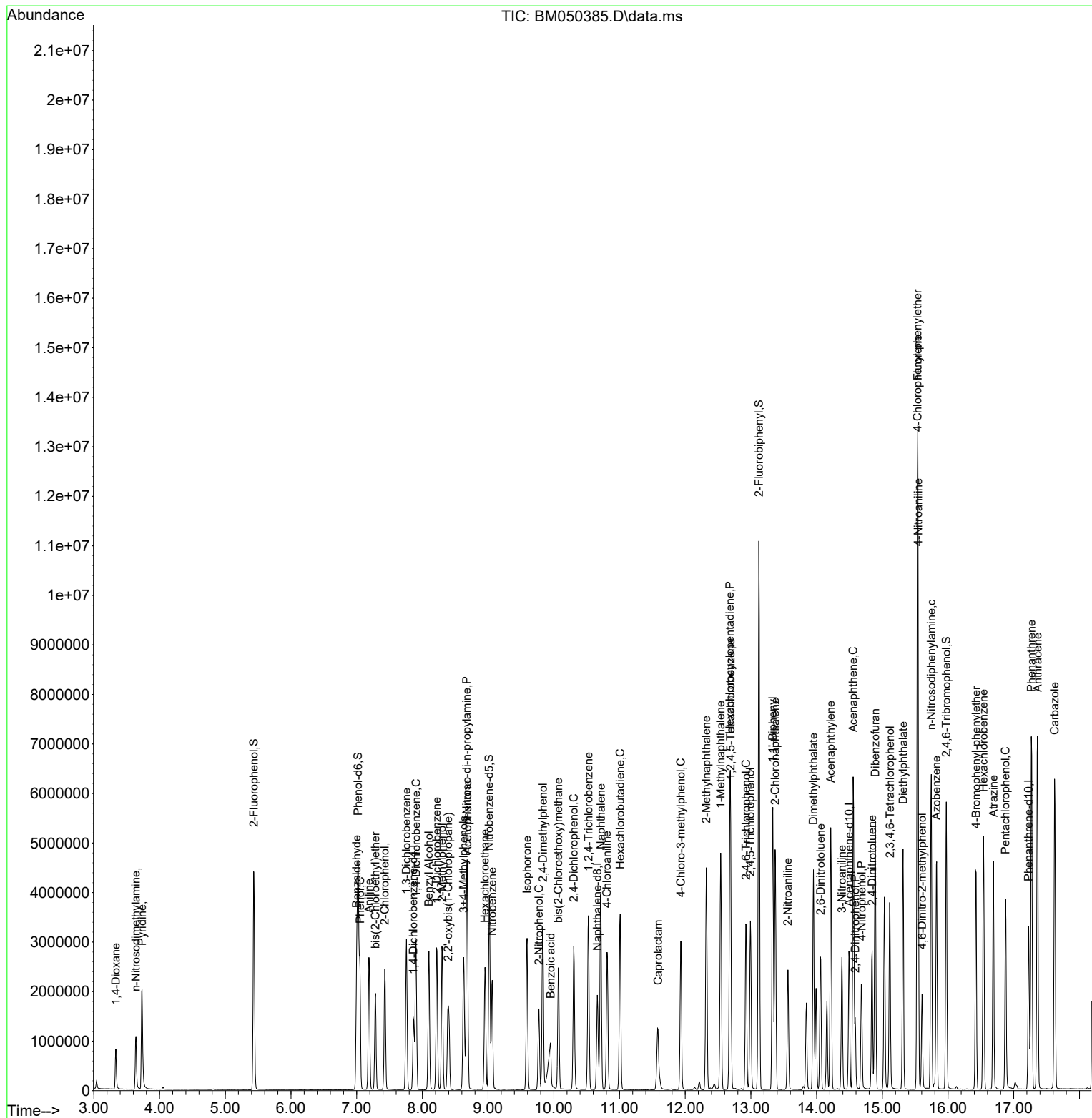
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	938542	43.542	ng	99
46) 1,1'-Biphenyl	13.333	154	3108770	41.557	ng	100
47) 2-Chloronaphthalene	13.368	162	2461641	41.272	ng	99
48) 2-Nitroaniline	13.563	65	592401	44.497	ng	97
49) Acenaphthylene	14.215	152	3783308	41.972	ng	99
50) Dimethylphthalate	13.951	163	2890119	41.635	ng	100
51) 2,6-Dinitrotoluene	14.063	165	591843	44.405	ng	98
52) Acenaphthene	14.557	154	2381763	41.562	ng	99
53) 3-Nitroaniline	14.386	138	636015	44.871	ng	98
54) 2,4-Dinitrophenol	14.586	184	266947	39.797	ng	98
55) Dibenzofuran	14.892	168	3609413	40.877	ng	99
56) 4-Nitrophenol	14.686	139	521977	42.822	ng	94
57) 2,4-Dinitrotoluene	14.845	165	807634	40.905	ng	98
58) Fluorene	15.539	166	3012801	41.425	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.115	232	784378	43.229	ng	99
60) Diethylphthalate	15.315	149	2759041	41.609	ng	99
61) 4-Chlorophenyl-phenyle...	15.533	204	1608200	42.288	ng	99
62) 4-Nitroaniline	15.545	138	649355	40.288	ng	96
63) Azobenzene	15.821	77	2528721	41.531	ng	97
65) 4,6-Dinitro-2-methylph...	15.604	198	399918	40.334	ng	99
66) n-Nitrosodiphenylamine	15.745	169	2506809	42.198	ng	100
67) 4-Bromophenyl-phenylether	16.427	248	894310	42.755	ng	99
68) Hexachlorobenzene	16.539	284	1046980	42.380	ng	99
69) Atrazine	16.692	200	862455	44.212	ng	99
70) Pentachlorophenol	16.874	266	662449	43.075	ng	100
71) Phenanthrene	17.268	178	4444618	41.373	ng	100
72) Anthracene	17.362	178	4525011	42.316	ng	100
73) Carbazole	17.621	167	4044979	41.806	ng	100
74) Di-n-butylphthalate	18.198	149	4579991	43.247	ng	100
75) Fluoranthene	19.280	202	4960360	42.474	ng	100
77) Benzidine	19.456	184	2625052	53.050	ng	100
78) Pyrene	19.639	202	5250364	42.257	ng	100
80) Butylbenzylphthalate	20.539	149	1849278	45.139	ng	98
81) Benzo(a)anthracene	21.439	228	5322771	42.109	ng	100
82) 3,3'-Dichlorobenzidine	21.356	252	1864267	43.733	ng	100
83) Chrysene	21.497	228	4998506	41.924	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	2892877	44.481	ng	99
85) Di-n-octyl phthalate	22.521	149	4457449	43.760	ng	99
87) Indeno(1,2,3-cd)pyrene	27.938	276	5647629	42.377	ng	100
88) Benzo(b)fluoranthene	23.533	252	4906807	42.558	ng	100
89) Benzo(k)fluoranthene	23.597	252	5010695	41.883	ng	100
90) Benzo(a)pyrene	24.356	252	4633762	42.933	ng	99
91) Dibenzo(a,h)anthracene	28.003	278	4772470	42.521	ng	99
92) Benzo(g,h,i)perylene	29.009	276	4476118	42.197	ng	99

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

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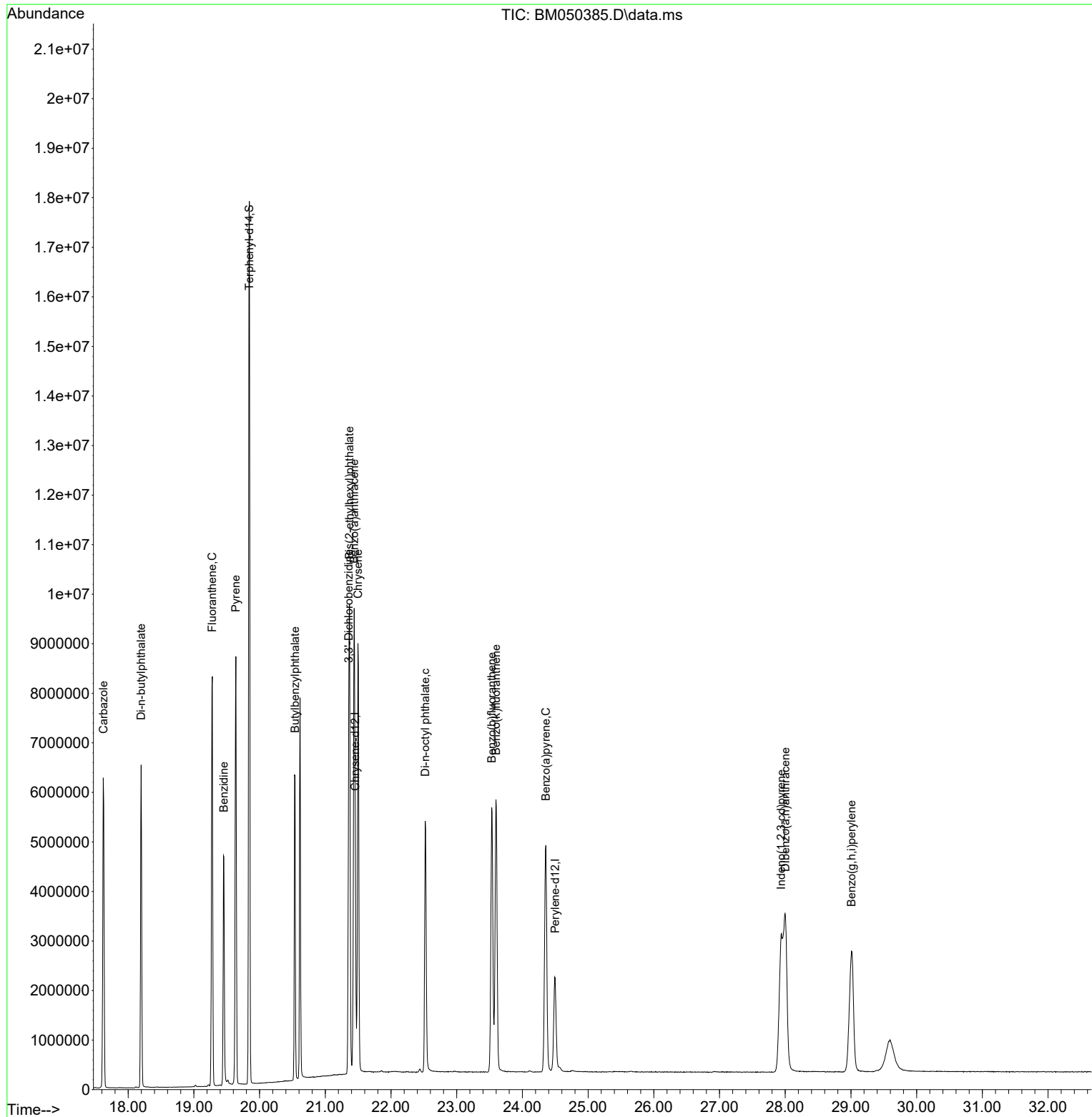
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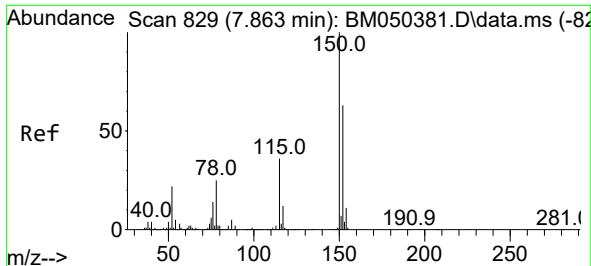


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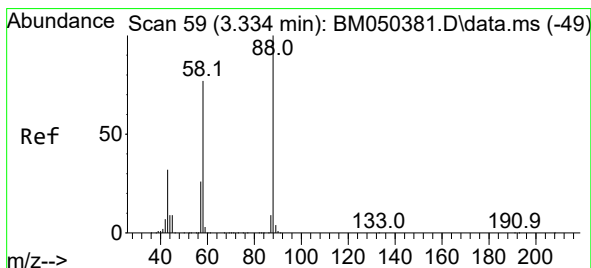
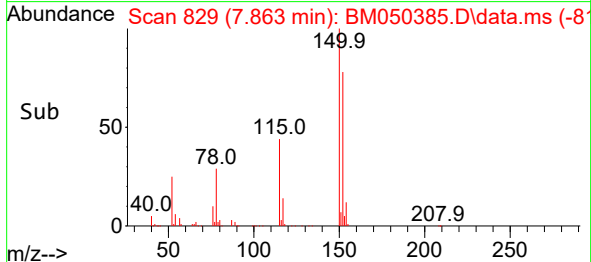
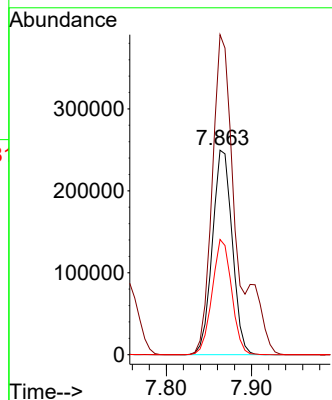
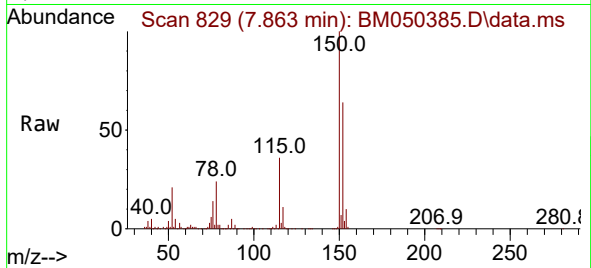




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.863 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM050385.D
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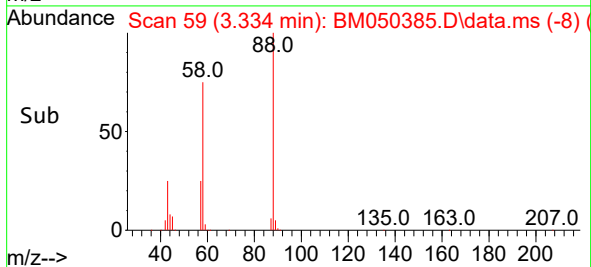
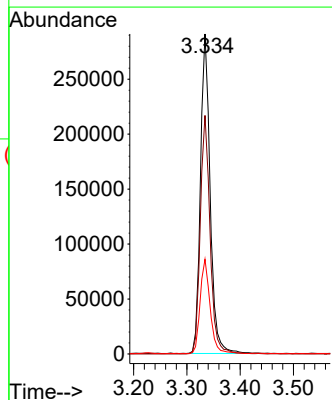
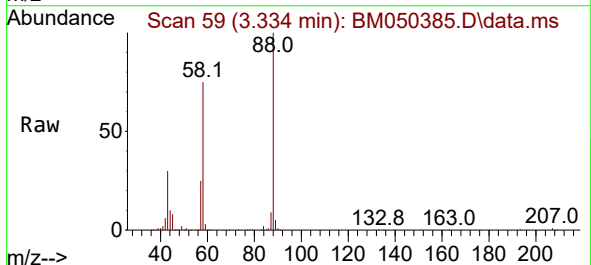
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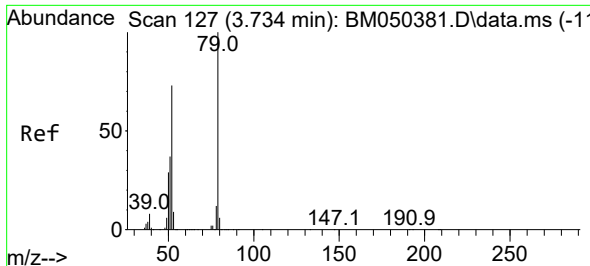
Tgt Ion:152 Resp: 404345
 Ion Ratio Lower Upper
 152 100
 150 156.4 126.2 189.4
 115 56.3 45.8 68.8



#2
 1,4-Dioxane
 Concen: 37.994 ng
 RT: 3.334 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: BM050385.D
 Acq: 08 Jul 2025 18:05

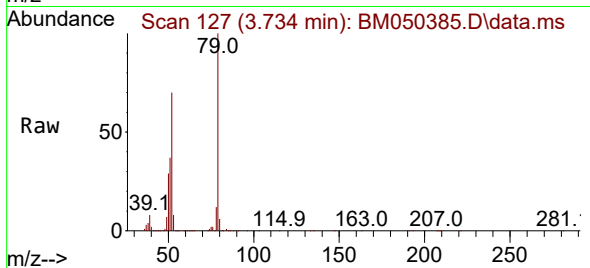
Tgt Ion: 88 Resp: 366994
 Ion Ratio Lower Upper
 88 100
 58 75.3 61.0 91.6
 43 30.2 24.6 37.0



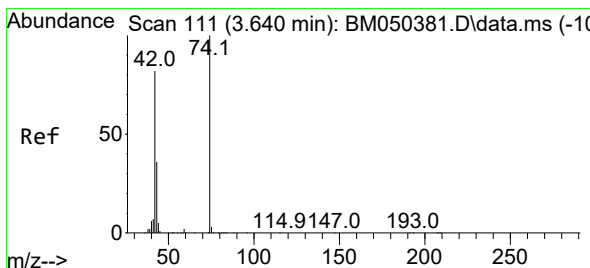
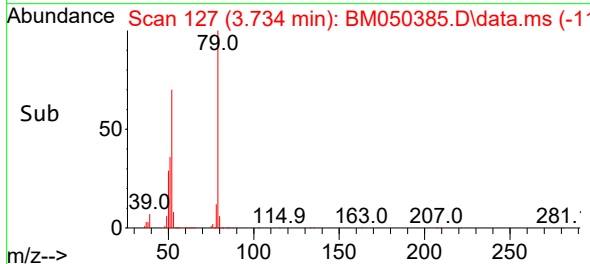
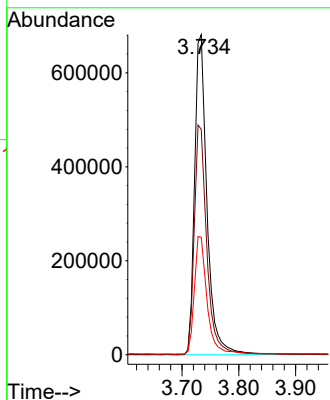


#3
Pyridine
Concen: 41.118 ng
RT: 3.734 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050385.D
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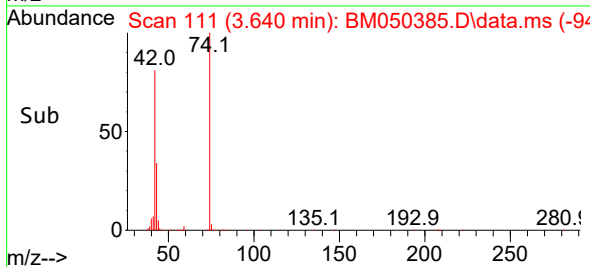
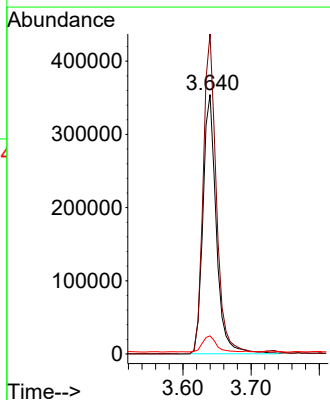
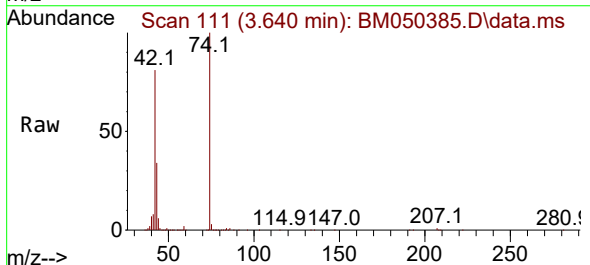


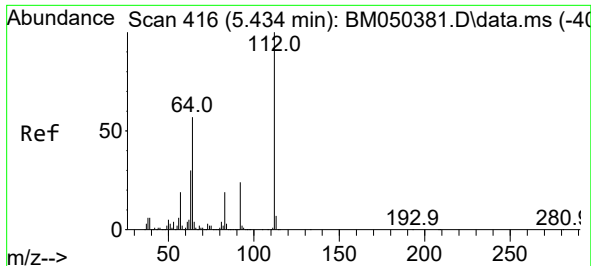
Tgt Ion: 79 Resp: 1042715
Ion Ratio Lower Upper
79 100
52 70.5 58.3 87.5
51 36.7 29.6 44.4



#4
n-Nitrosodimethylamine
Concen: 40.835 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 42 Resp: 482767
Ion Ratio Lower Upper
42 100
74 123.4 97.5 146.3
44 7.0 5.7 8.5

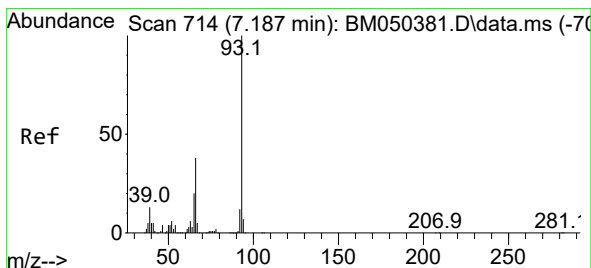
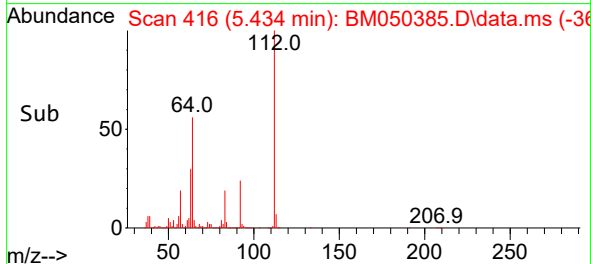
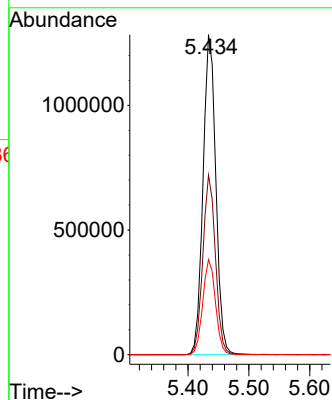
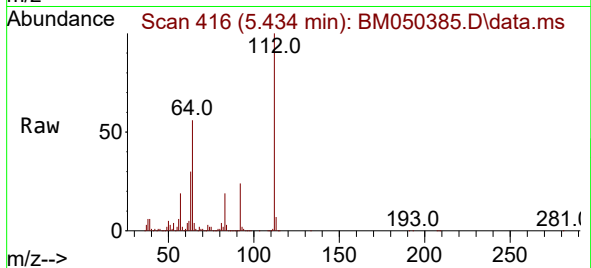




#5
2-Fluorophenol
Concen: 79.859 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050385.D
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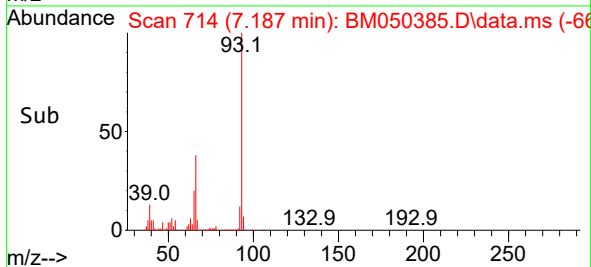
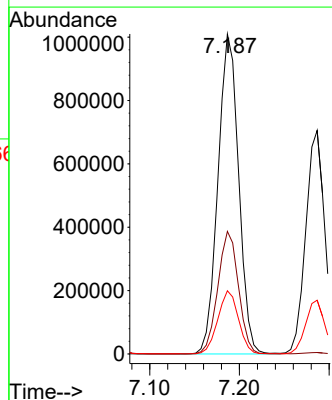
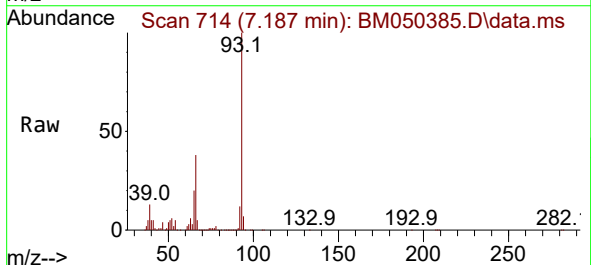
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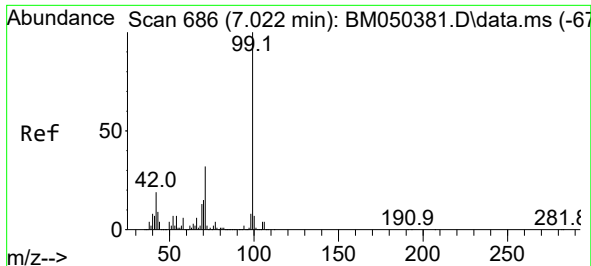
Tgt Ion:112 Resp: 1875929
Ion Ratio Lower Upper
112 100
64 56.1 45.5 68.3
63 29.8 24.2 36.4



#6
Aniline
Concen: 42.568 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 93 Resp: 1617701
Ion Ratio Lower Upper
93 100
66 38.3 30.5 45.7
65 19.7 15.9 23.9



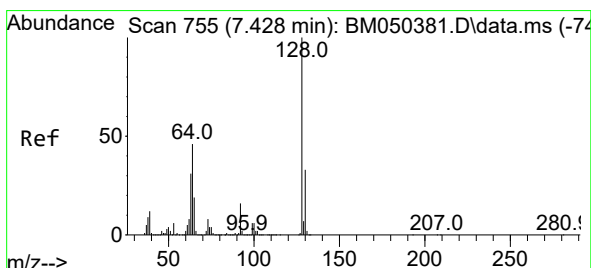
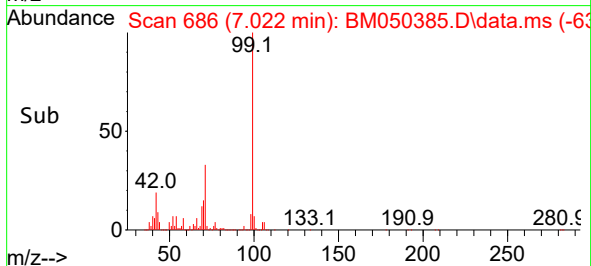
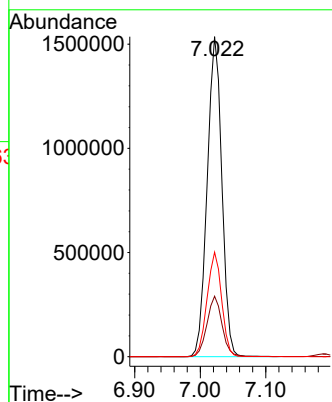
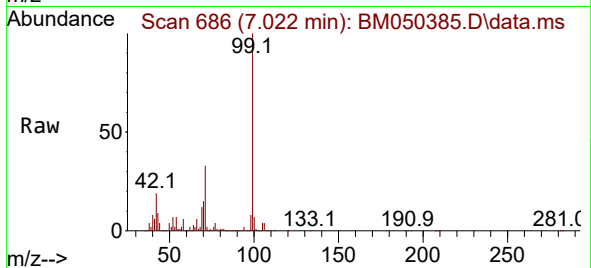


#7
Phenol-d6
Concen: 80.660 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
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Tgt Ion: 99 Resp: 2388524

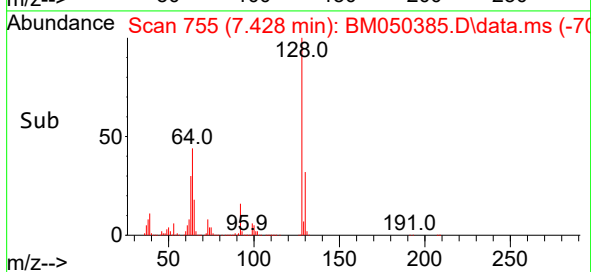
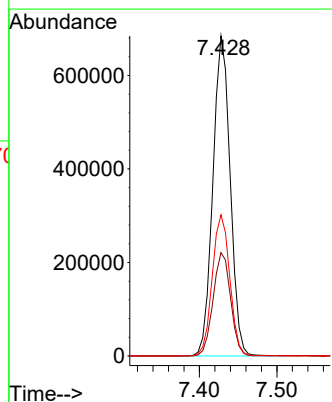
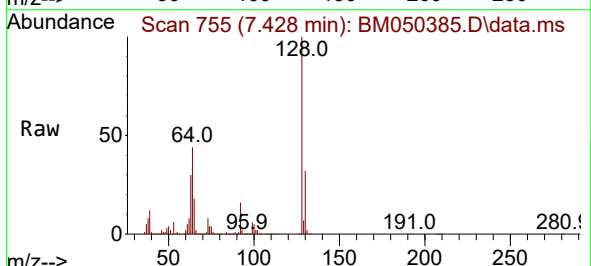
Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.0	22.6
71	32.6	25.9	38.9

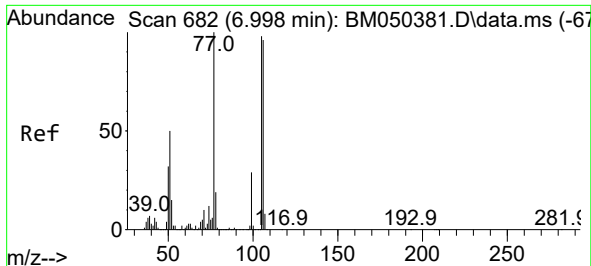


#8
2-Chlorophenol
Concen: 42.935 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
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Tgt Ion: 128 Resp: 1063478

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.3	53.3
64	44.1	25.6	65.6

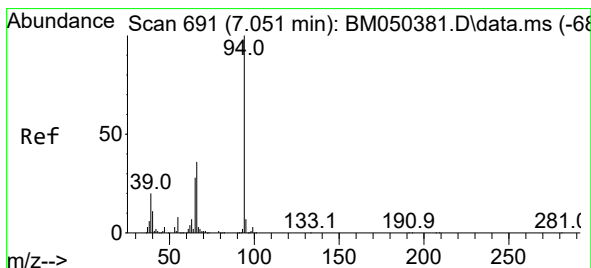
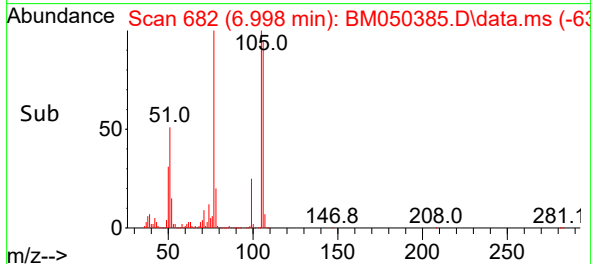
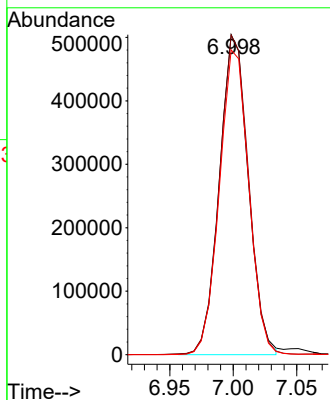
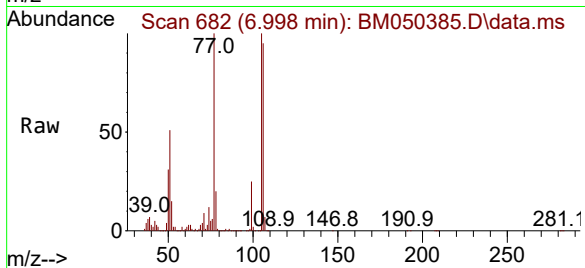




#9
Benzaldehyde
Concen: 45.376 ng m
RT: 6.998 min Scan# 682
Delta R.T. 0.000 min
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Acq: 08 Jul 2025 18:05

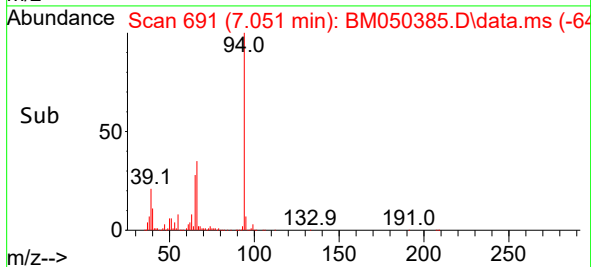
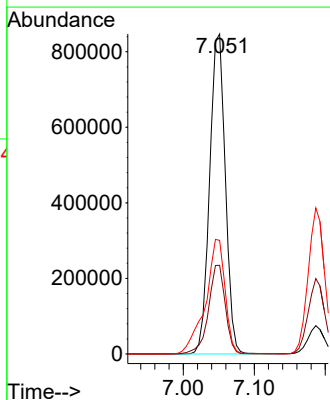
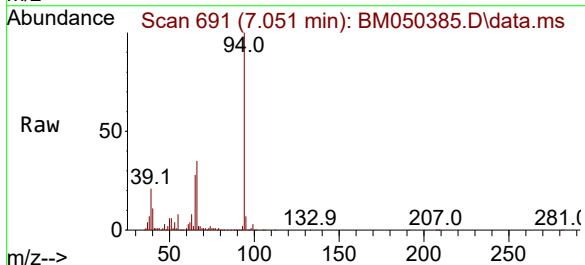
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

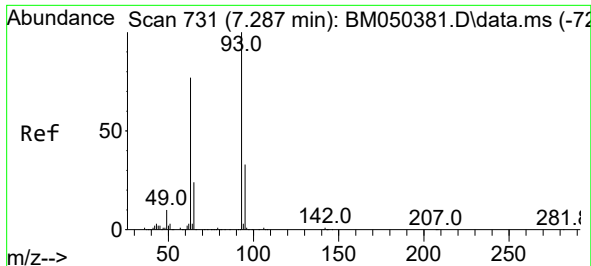
Tgt Ion: 77 Resp: 799316
Ion Ratio Lower Upper
77 100
105 99.8 78.4 118.4
106 95.2 76.3 116.3



#10
Phenol
Concen: 42.114 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 94 Resp: 1300713
Ion Ratio Lower Upper
94 100
65 27.7 8.1 48.1
66 35.5 15.8 55.8

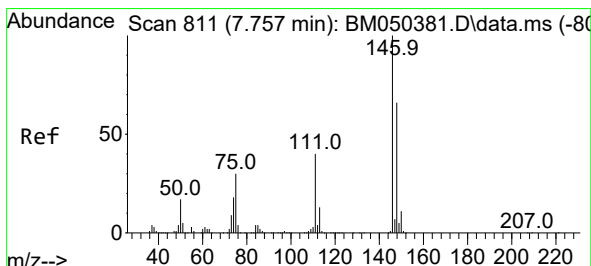
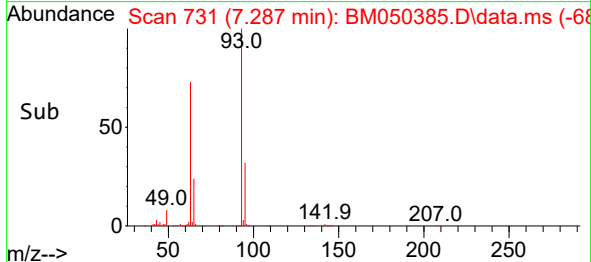
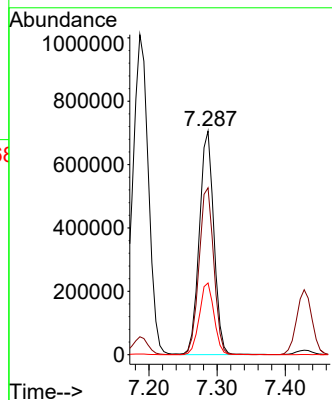
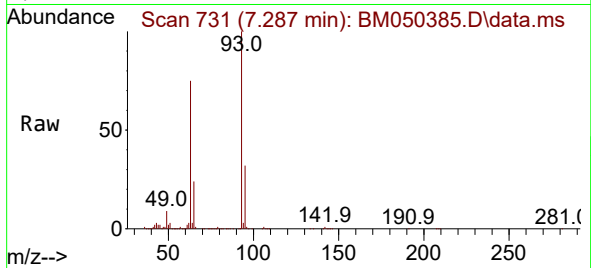




#11
bis(2-Chloroethyl)ether
Concen: 42.240 ng
RT: 7.287 min Scan# 731
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

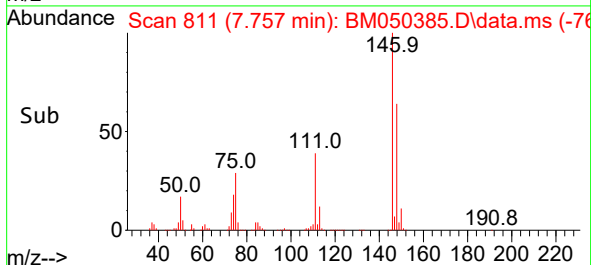
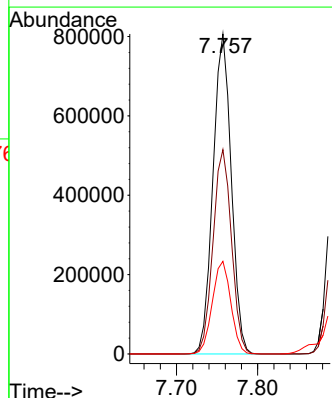
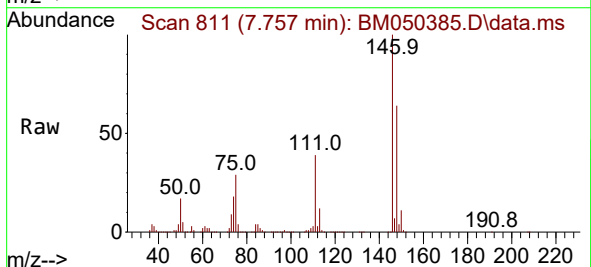
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

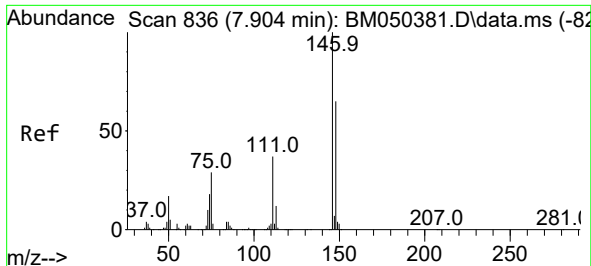
Tgt Ion: 93 Resp: 1044803
Ion Ratio Lower Upper
93 100
63 74.7 56.9 96.9
95 32.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.848 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 146 Resp: 1260411
Ion Ratio Lower Upper
146 100
148 63.8 53.2 79.8
75 28.9 23.9 35.9

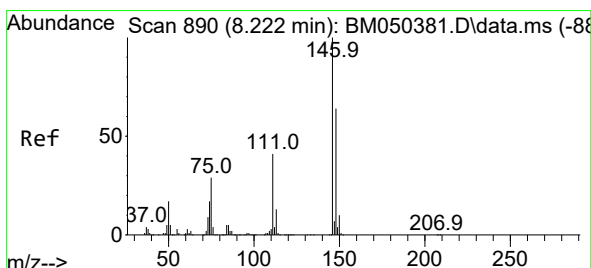
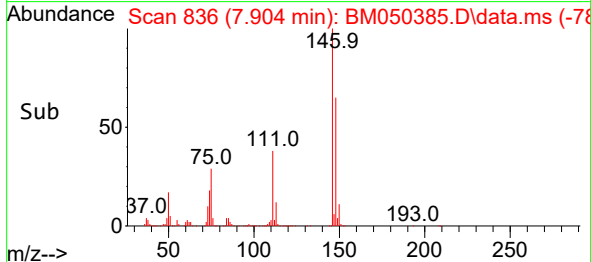
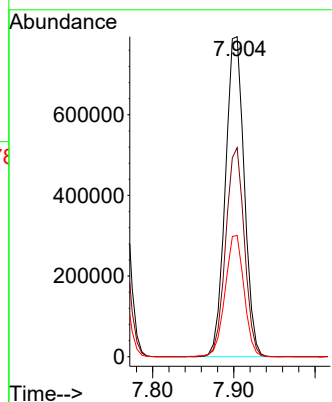
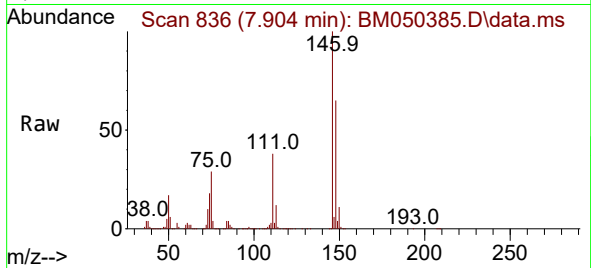




#13
1,4-Dichlorobenzene
Concen: 41.609 ng
RT: 7.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

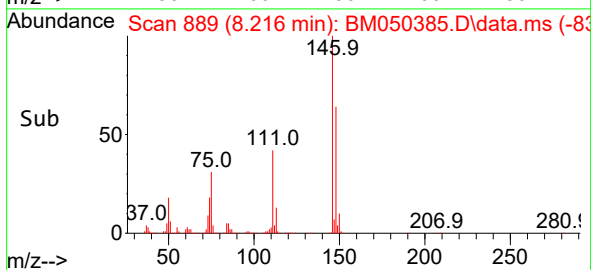
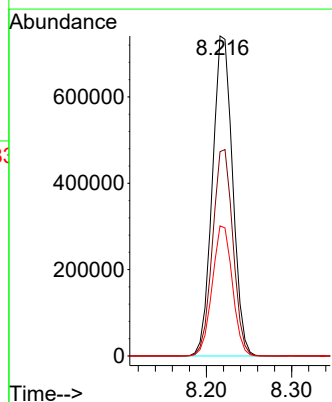
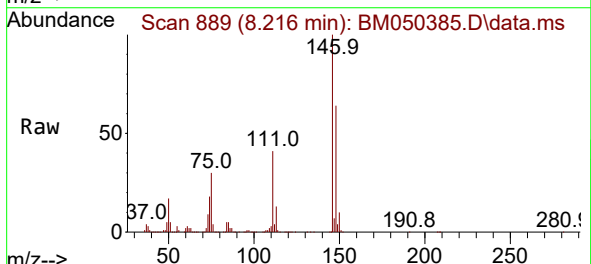
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

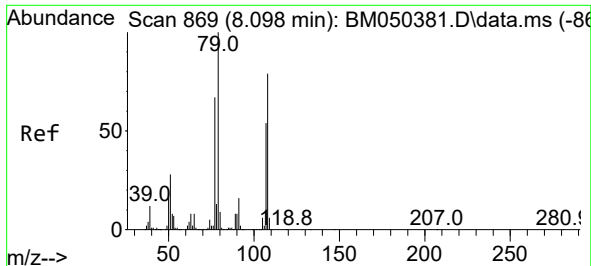
Tgt Ion:146 Resp: 1279655
Ion Ratio Lower Upper
146 100
148 65.3 51.9 77.9
111 37.9 30.0 45.0



#14
1,2-Dichlorobenzene
Concen: 41.478 ng
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:146 Resp: 1221241
Ion Ratio Lower Upper
146 100
148 63.9 51.5 77.3
111 40.6 32.6 49.0





#15

Benzyl Alcohol

Concen: 42.555 ng

RT: 8.098 min Scan# 869

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

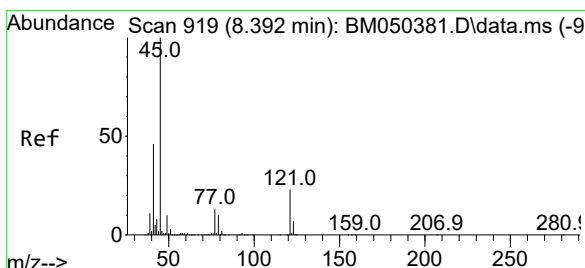
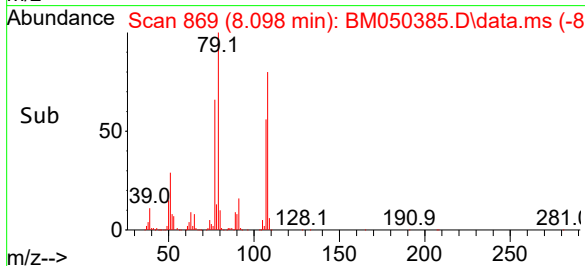
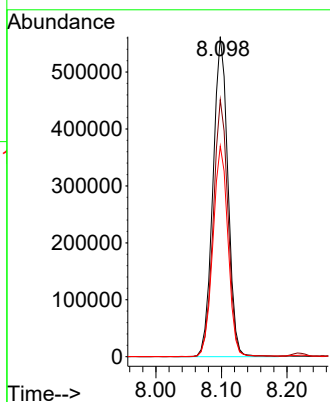
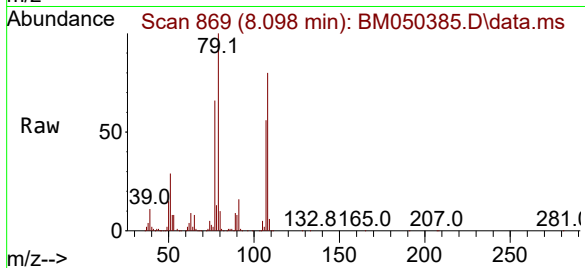
Tgt Ion: 79 Resp: 887896

Ion Ratio Lower Upper

79 100

108 80.3 63.0 94.4

77 65.8 53.4 80.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.095 ng

RT: 8.392 min Scan# 919

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

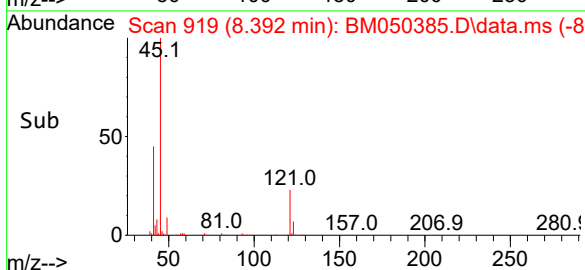
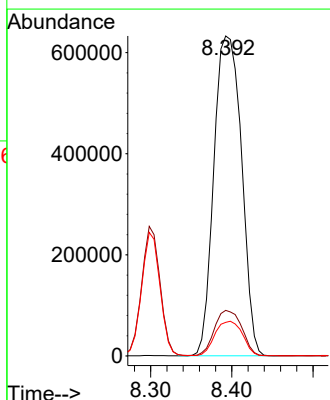
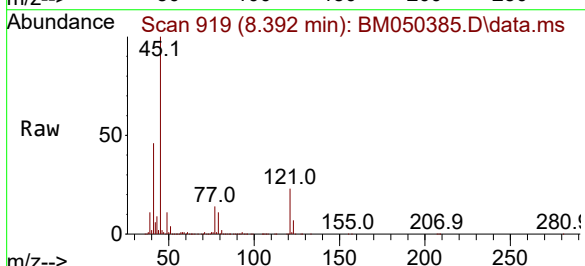
Tgt Ion: 45 Resp: 1497256

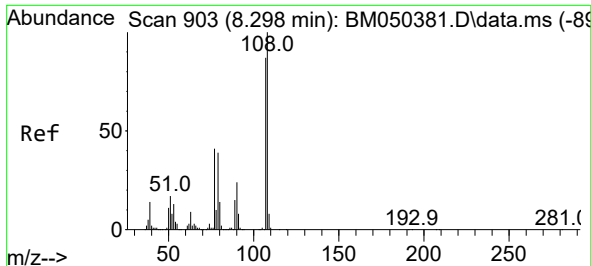
Ion Ratio Lower Upper

45 100

77 14.2 0.0 33.5

79 10.5 0.0 30.3

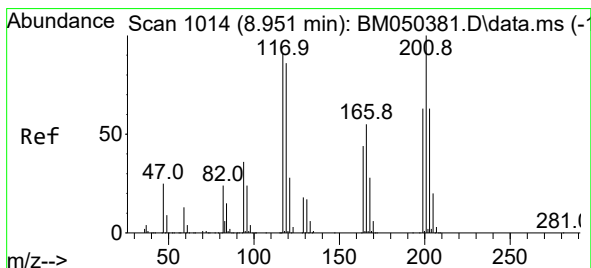
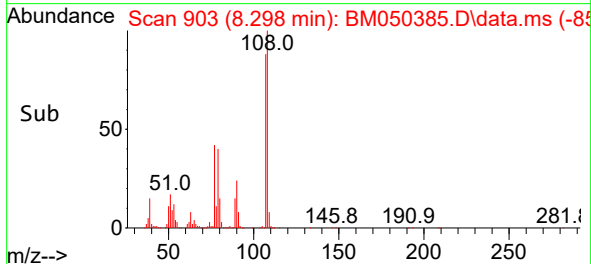
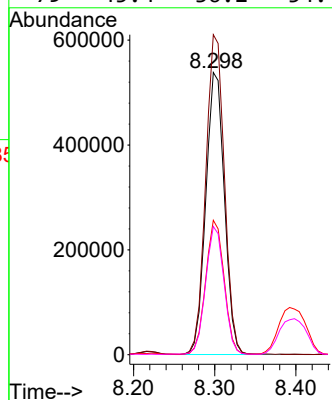
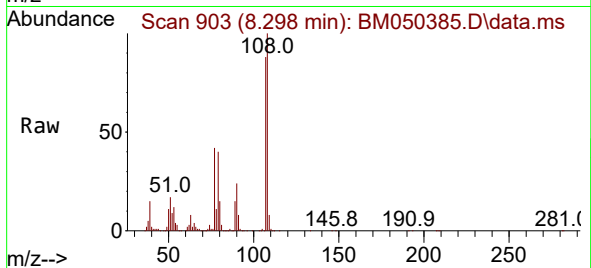




#17
2-Methylphenol
Concen: 42.726 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

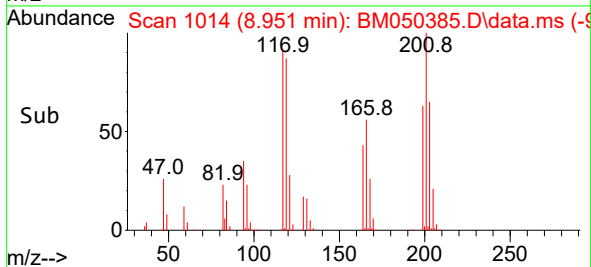
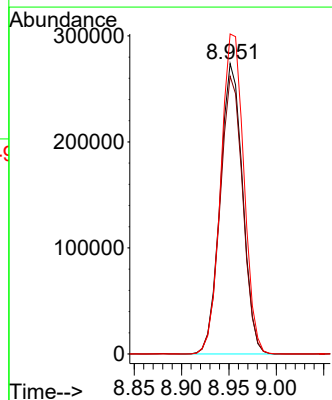
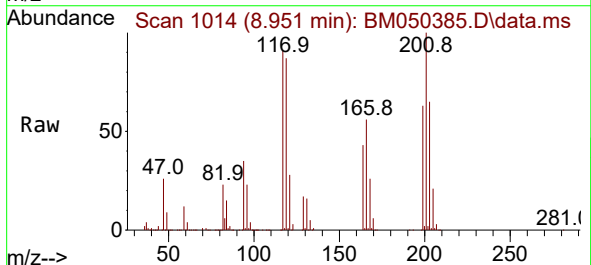
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

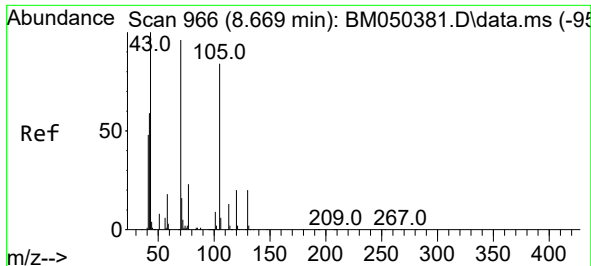
Tgt Ion:	107	Resp:	855883
Ion	Ratio	Lower	Upper
107	100		
108	113.4	92.1	138.1
77	47.6	38.2	57.4
79	45.4	36.2	54.4



#18
Hexachloroethane
Concen: 41.906 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:	117	Resp:	453255
Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.6	113.4
201	110.2	87.9	131.9

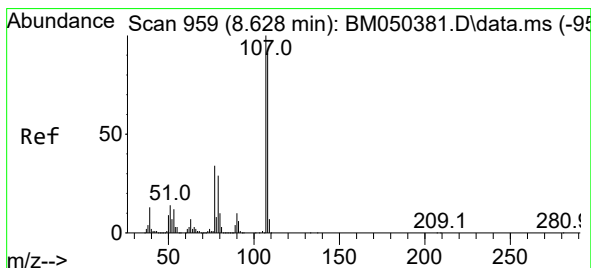
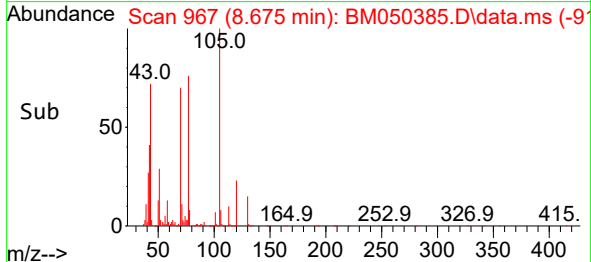
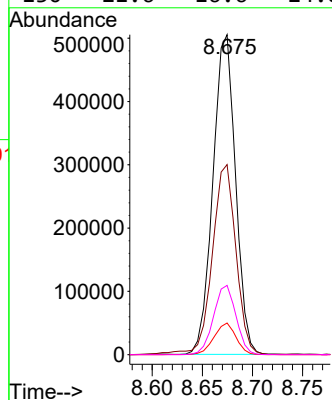
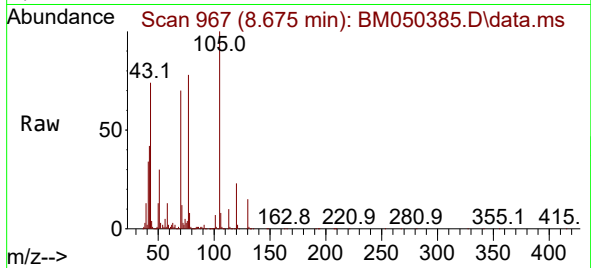




#19
n-Nitroso-di-n-propylamine
Concen: 44.168 ng
RT: 8.675 min Scan# 966
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

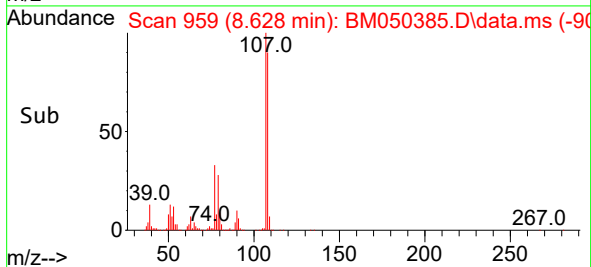
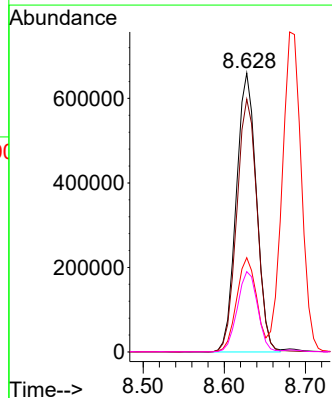
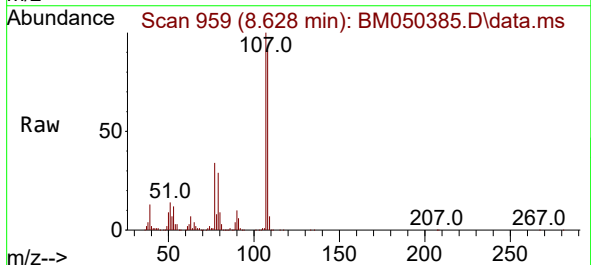
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

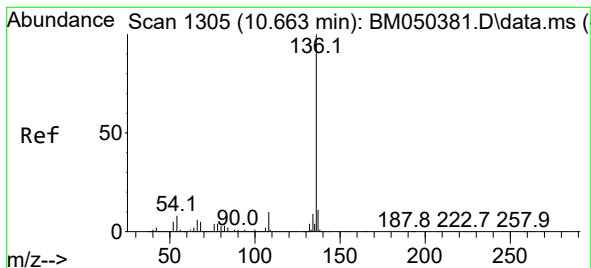
Tgt Ion: 70 Resp: 792336
Ion Ratio Lower Upper
70 100
42 59.4 49.7 74.5
101 9.9 7.7 11.5
130 21.6 16.6 24.8



#20
3+4-Methylphenols
Concen: 42.276 ng
RT: 8.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 107 Resp: 1136862
Ion Ratio Lower Upper
107 100
108 90.7 71.5 111.5
77 33.8 13.7 53.7
79 28.8 8.6 48.6

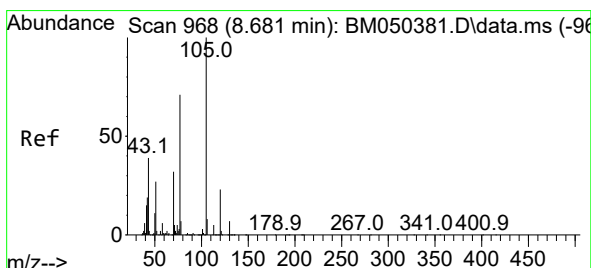
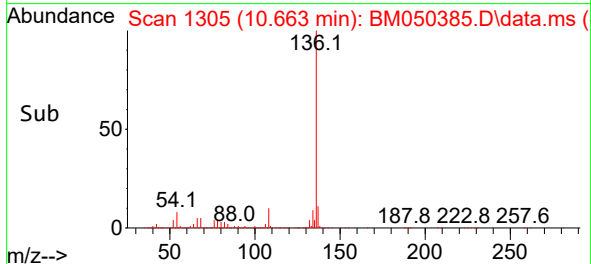
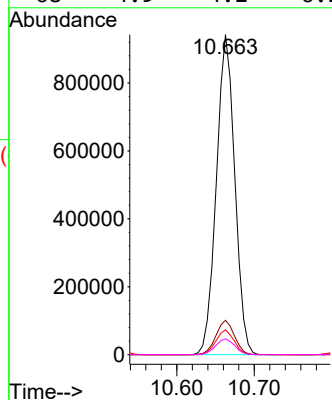
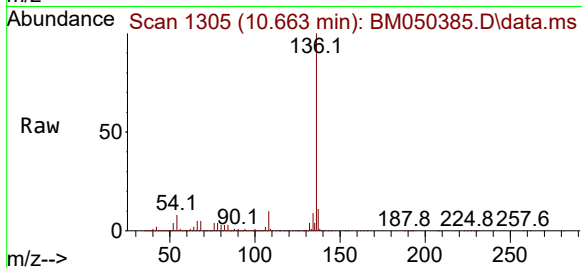




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

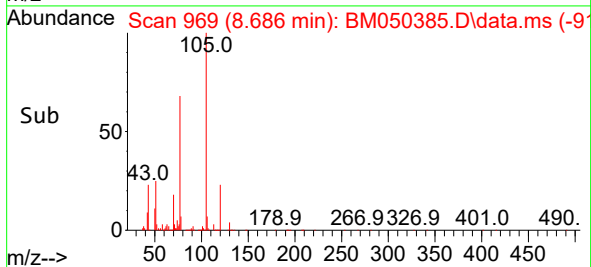
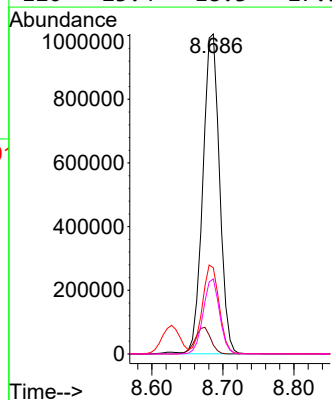
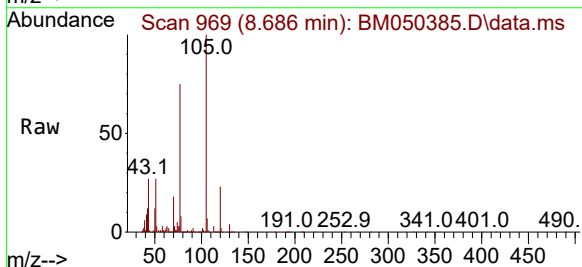
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

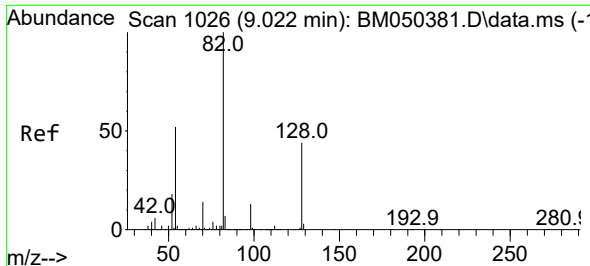
Tgt Ion:136 Resp: 1554046
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.7 6.3 9.5
68 4.9 4.2 6.2



#22
Acetophenone
Concen: 42.290 ng
RT: 8.686 min Scan# 969
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:105 Resp: 1643199
Ion Ratio Lower Upper
105 100
71 2.8 4.4 6.6#
51 27.0 23.0 34.6
120 23.4 18.3 27.5

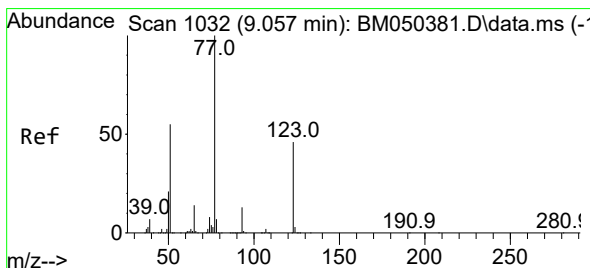
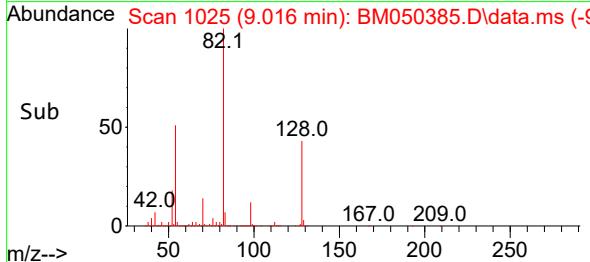
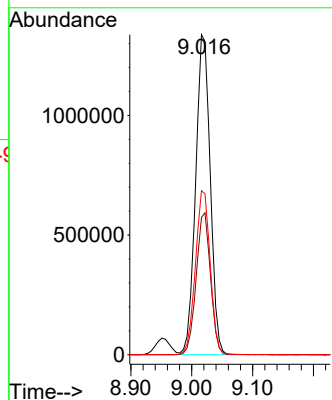
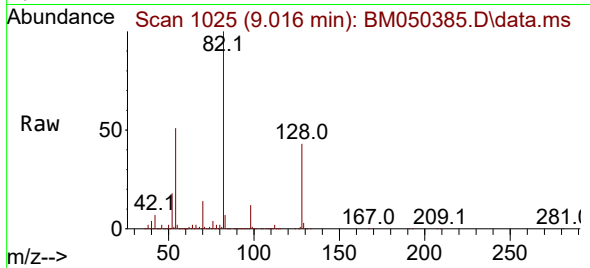




#23
Nitrobenzene-d5
Concen: 73.139 ng
RT: 9.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

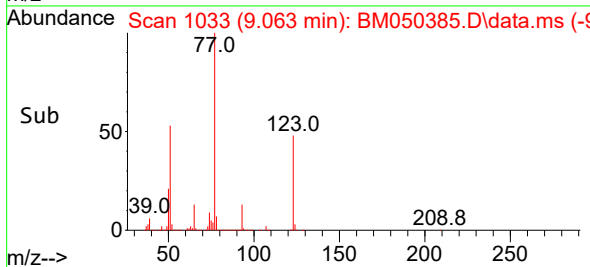
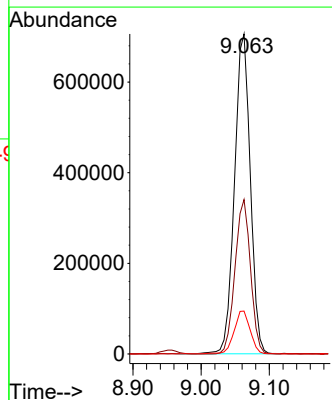
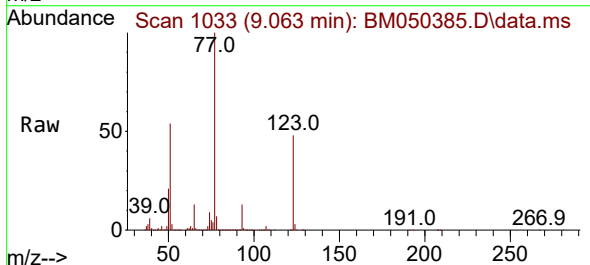
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

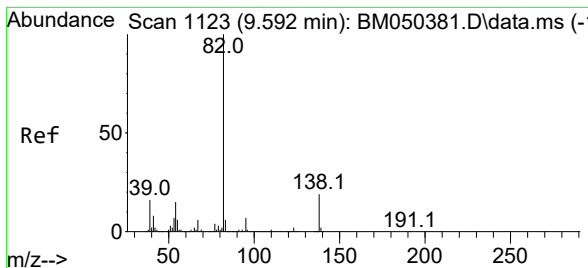
Tgt Ion: 82 Resp: 2227871
Ion Ratio Lower Upper
82 100
128 42.9 35.2 52.8
54 51.2 41.5 62.3



#24
Nitrobenzene
Concen: 41.860 ng
RT: 9.063 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 77 Resp: 1137842
Ion Ratio Lower Upper
77 100
123 48.3 37.0 55.6
65 13.4 11.0 16.4





#25

Isophorone

Concen: 42.909 ng

RT: 9.592 min Scan# 1123

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

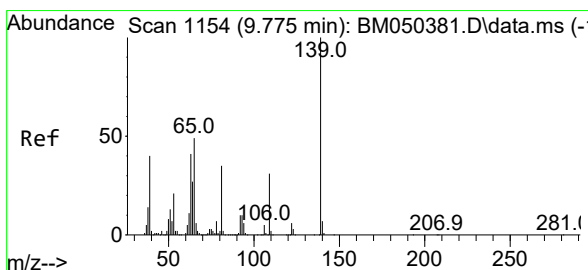
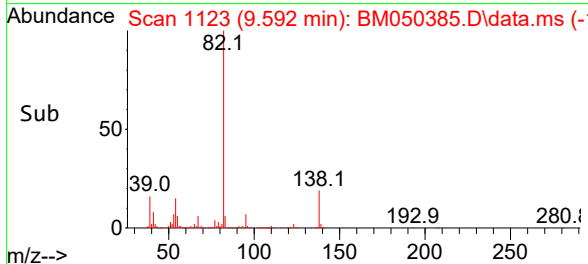
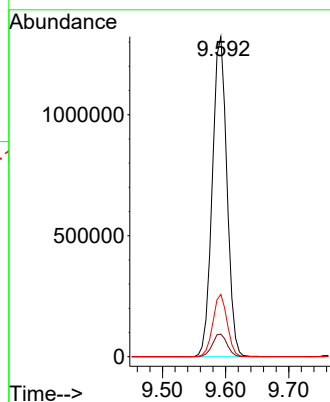
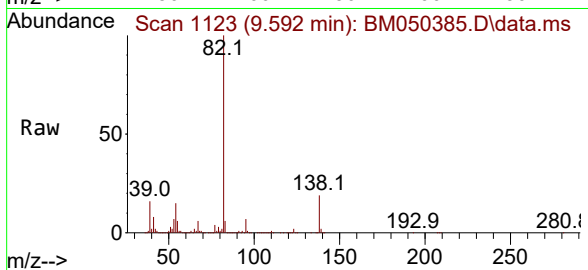
BNA_M

ClientSampleId :

ICVBM070925

Tgt Ion: 82 Resp: 2120872

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	19.4	15.3	22.9



#26

2-Nitrophenol

Concen: 46.488 ng

RT: 9.775 min Scan# 1154

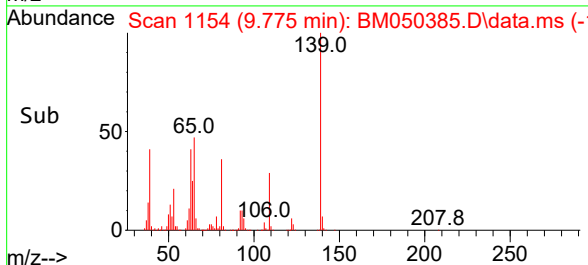
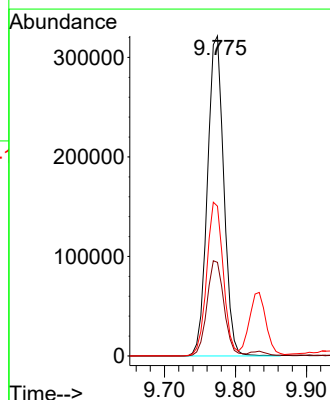
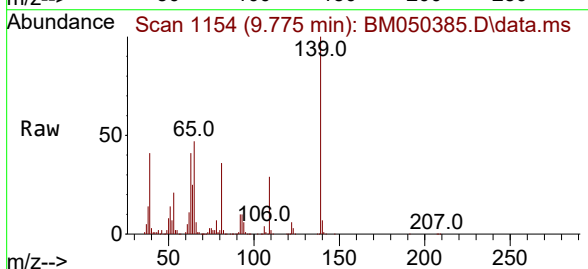
Delta R.T. 0.000 min

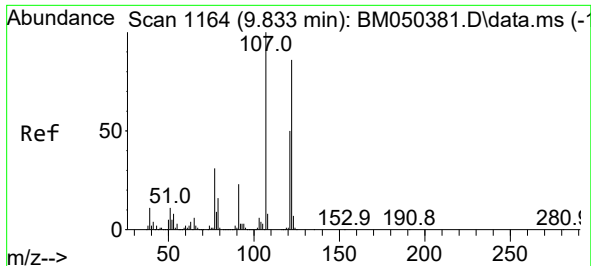
Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Tgt Ion: 139 Resp: 514999

Ion	Ratio	Lower	Upper
139	100		
109	29.3	24.6	36.8
65	46.8	39.2	58.8





#27

2,4-Dimethylphenol

Concen: 42.470 ng

RT: 9.833 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

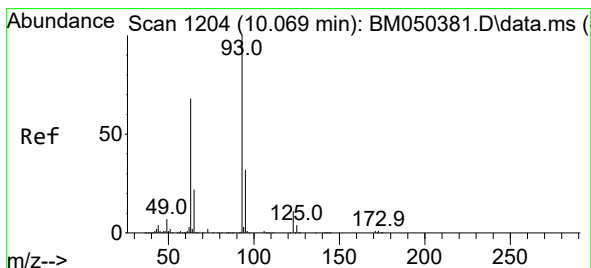
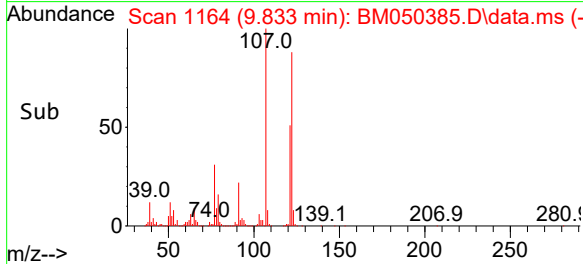
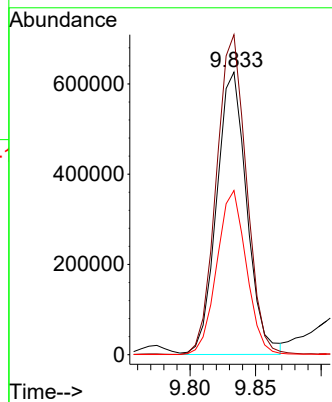
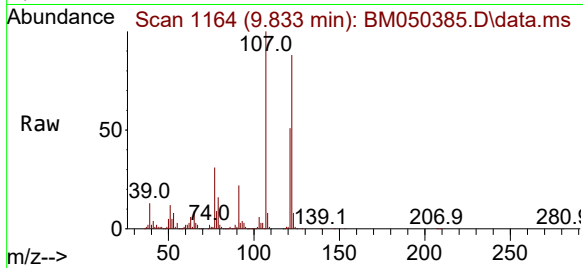
Tgt Ion:122 Resp: 1001149

Ion Ratio Lower Upper

122 100

107 113.2 93.0 139.6

121 58.1 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 41.880 ng

RT: 10.069 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

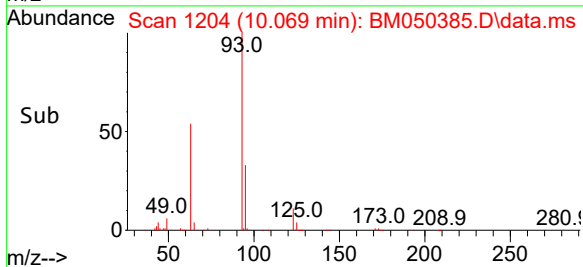
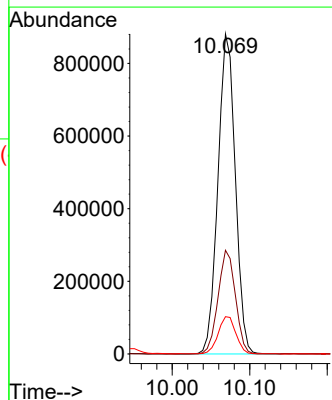
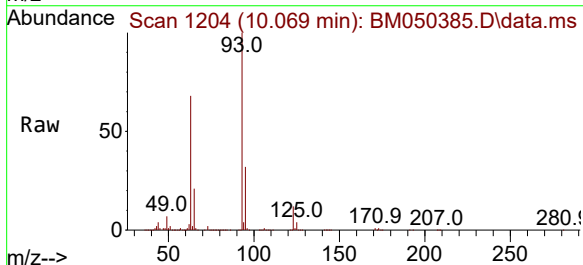
Tgt Ion: 93 Resp: 1371682

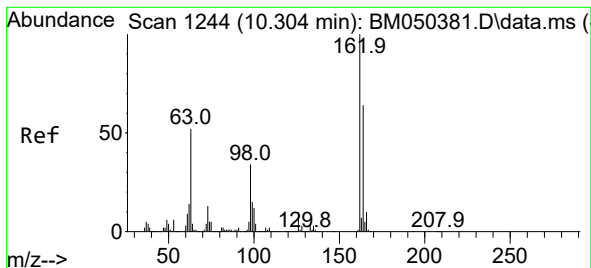
Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.6

123 11.6 9.1 13.7

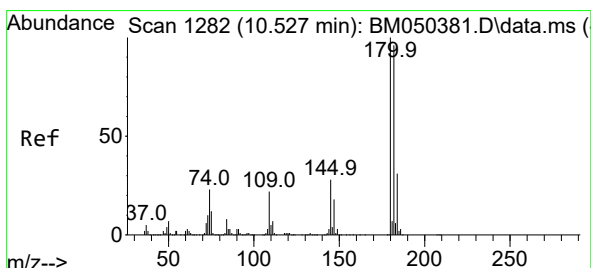
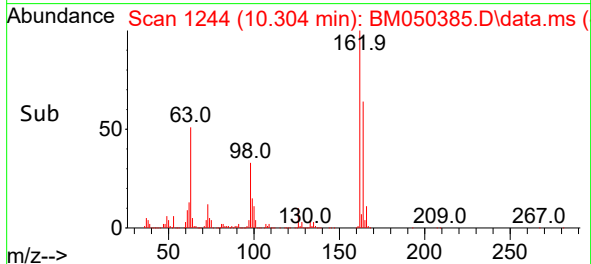
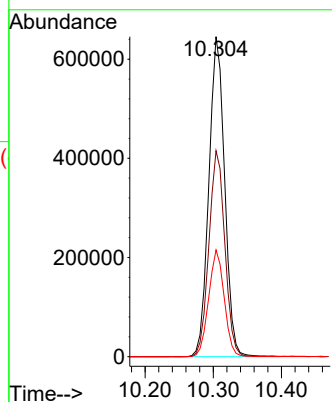
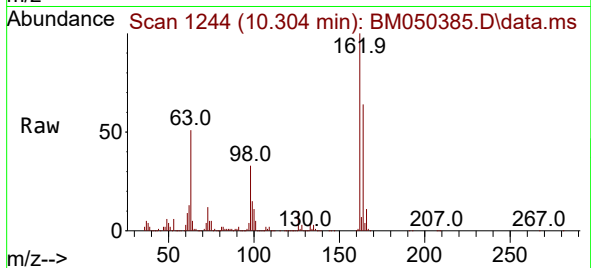




#29
2,4-Dichlorophenol
Concen: 43.061 ng
RT: 10.304 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

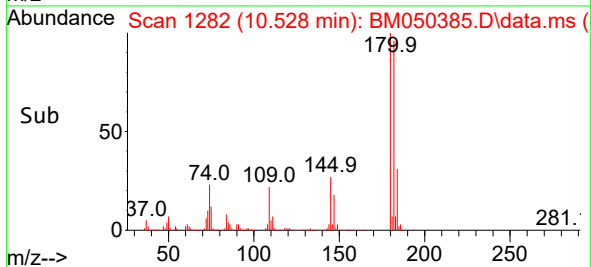
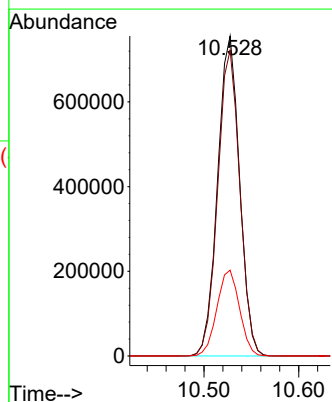
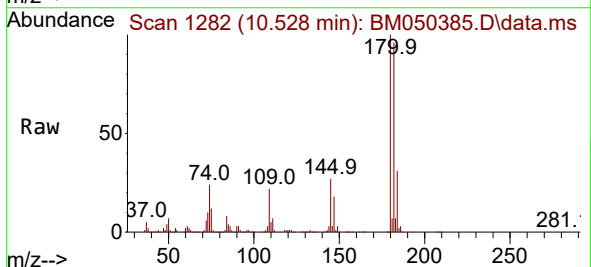
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

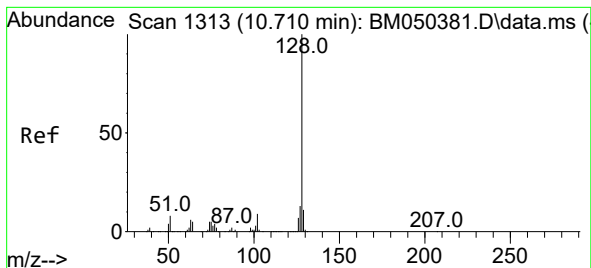
Tgt Ion:162 Resp: 1042869
Ion Ratio Lower Upper
162 100
164 64.3 43.7 83.7
98 33.3 13.7 53.7



#30
1,2,4-Trichlorobenzene
Concen: 42.001 ng
RT: 10.528 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:180 Resp: 1216831
Ion Ratio Lower Upper
180 100
182 95.6 76.8 115.2
145 26.8 22.6 33.8

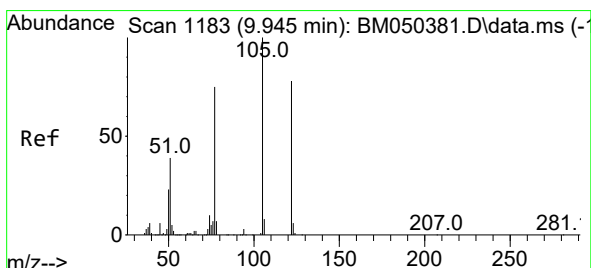
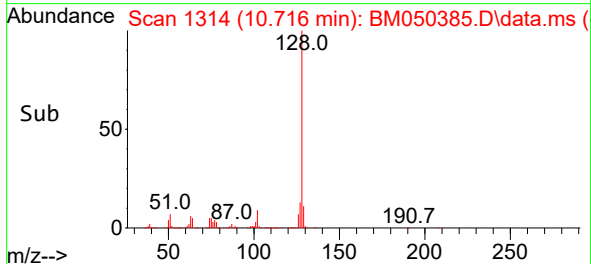
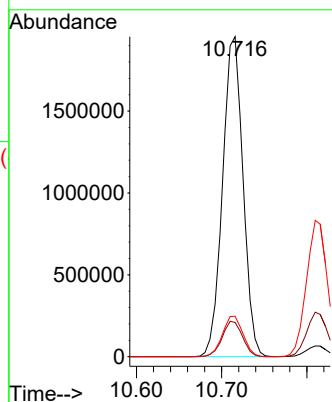
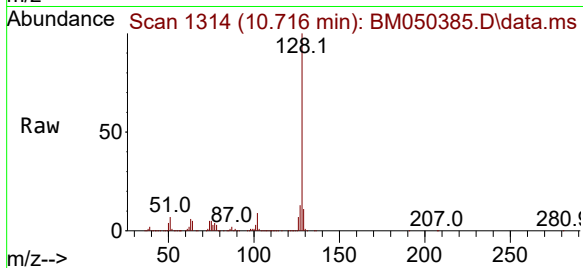




#31
Naphthalene
Concen: 41.281 ng
RT: 10.716 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

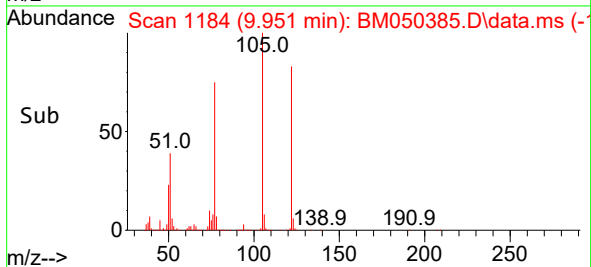
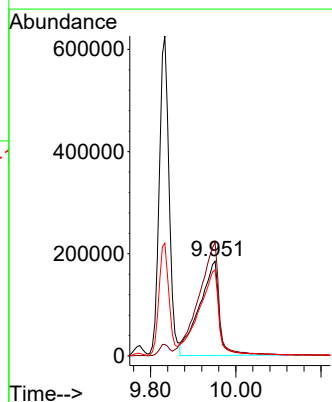
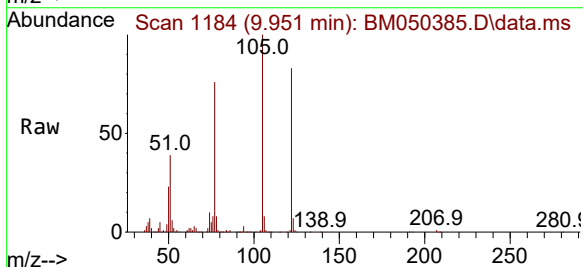
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

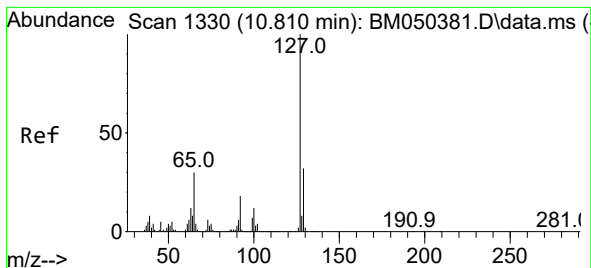
Tgt Ion:128 Resp: 3258495
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.7 10.4 15.6



#32
Benzoic acid
Concen: 41.913 ng
RT: 9.951 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:122 Resp: 593935
Ion Ratio Lower Upper
122 100
105 120.3 104.0 144.0
77 90.9 73.8 113.8



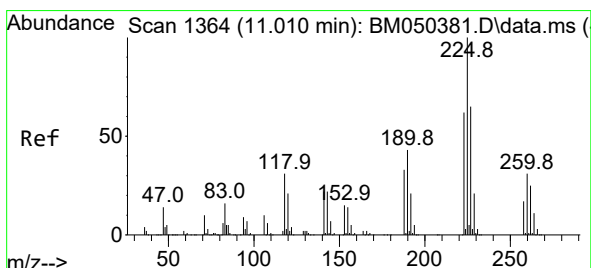
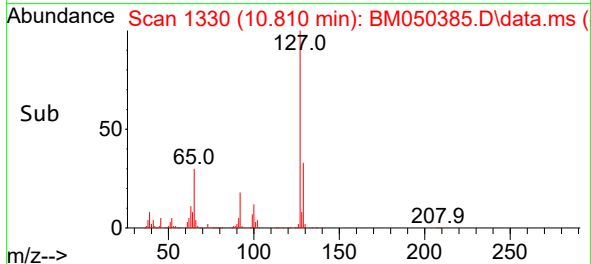
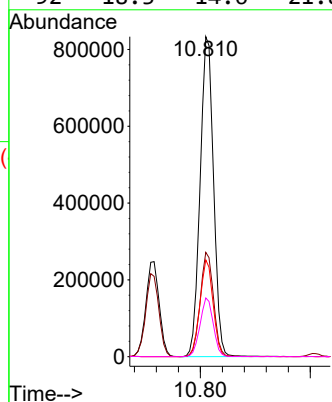
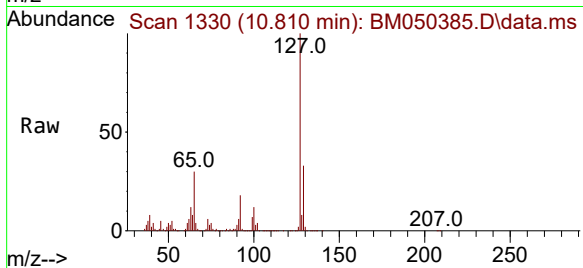


#33
4-Chloroaniline
Concen: 42.424 ng
RT: 10.810 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:127 Resp: 1415715

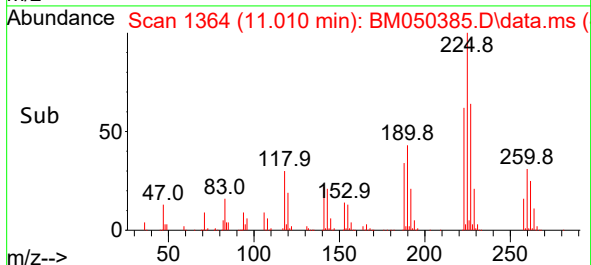
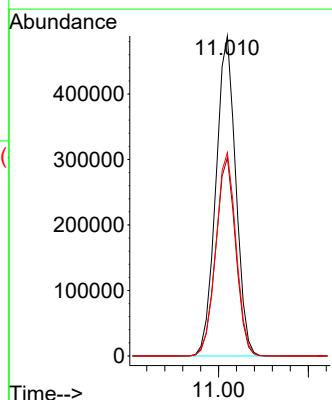
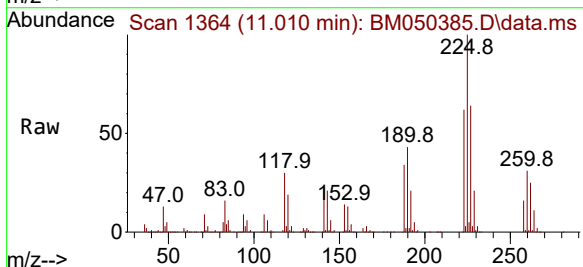
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.5	38.3
65	30.3	23.9	35.9
92	18.3	14.6	21.8

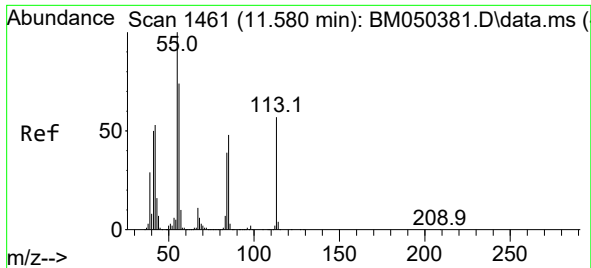


#34
Hexachlorobutadiene
Concen: 42.386 ng
RT: 11.010 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:225 Resp: 749497

Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.7	74.5
227	63.5	52.1	78.1

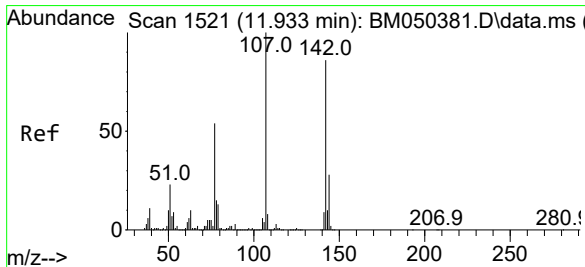
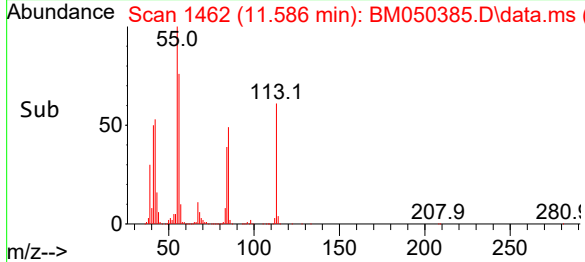
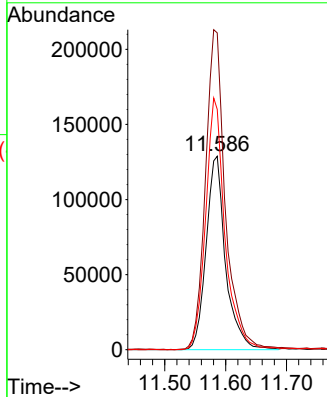
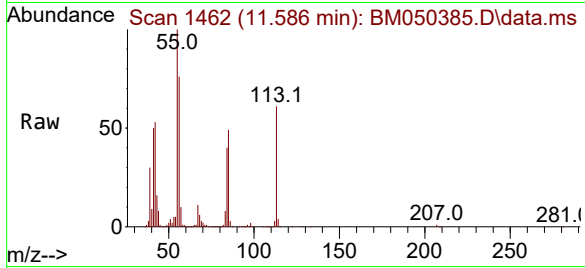




#35
Caprolactam
Concen: 43.156 ng
RT: 11.586 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

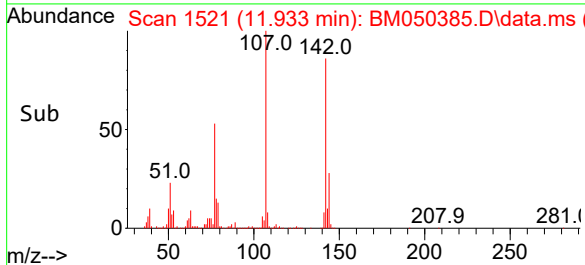
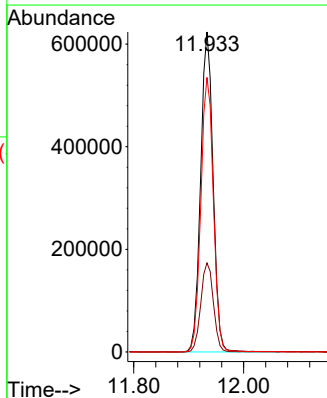
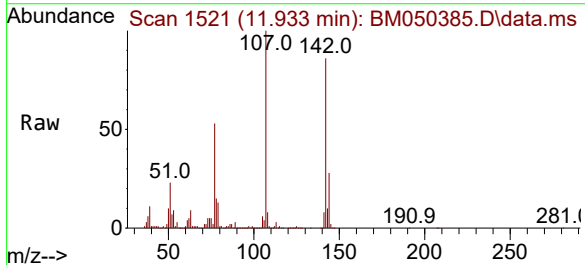
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

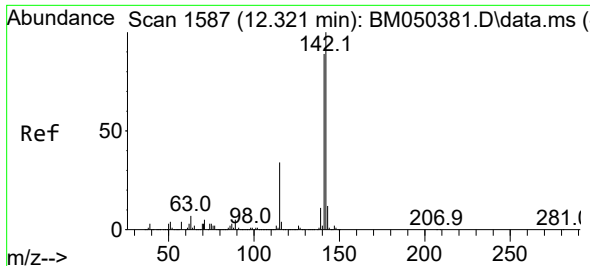
Tgt Ion:113 Resp: 285315
Ion Ratio Lower Upper
113 100
55 163.8 157.2 197.2
56 124.2 111.7 151.7



#36
4-Chloro-3-methylphenol
Concen: 43.312 ng
RT: 11.933 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:107 Resp: 979521
Ion Ratio Lower Upper
107 100
144 27.8 22.2 33.4
142 85.8 68.7 103.1

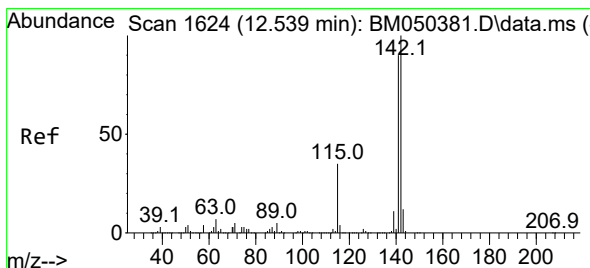
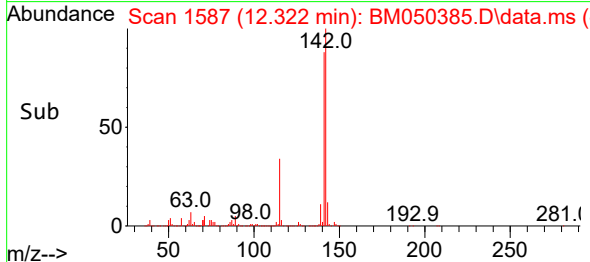
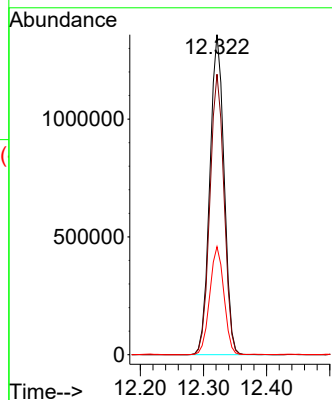
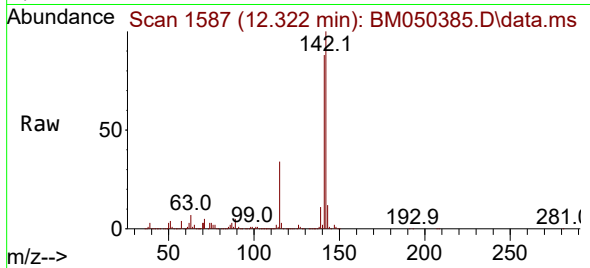




#37
2-Methylnaphthalene
Concen: 42.637 ng
RT: 12.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

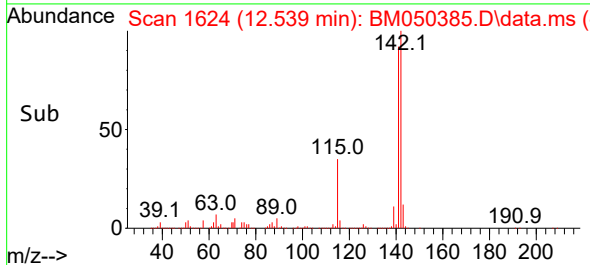
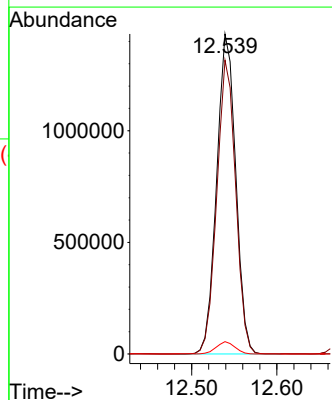
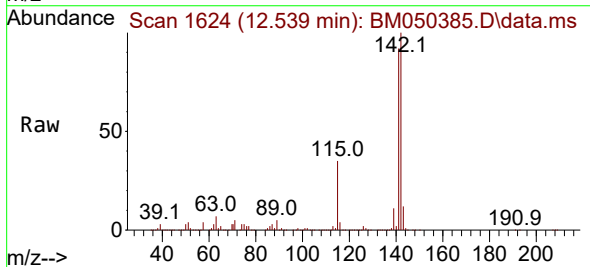
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

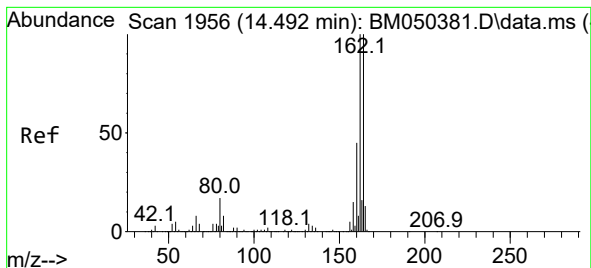
Tgt Ion:142 Resp: 2124989
Ion Ratio Lower Upper
142 100
141 87.6 70.8 106.2
115 33.7 27.0 40.4



#38
1-Methylnaphthalene
Concen: 42.292 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:142 Resp: 2230710
Ion Ratio Lower Upper
142 100
141 91.8 71.9 107.9
116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.492 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

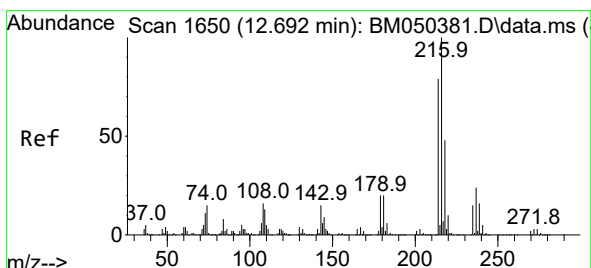
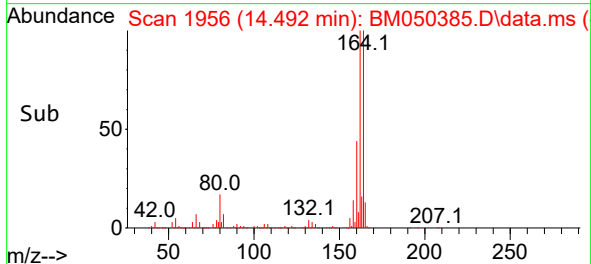
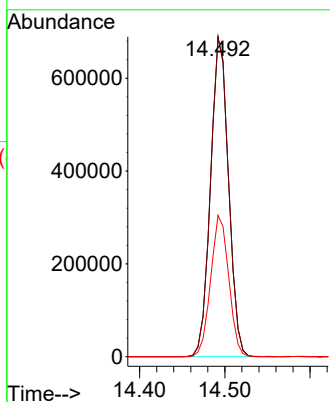
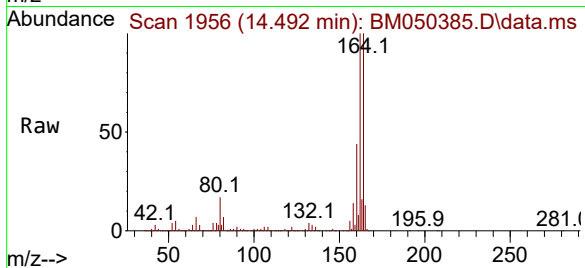
Tgt Ion:164 Resp: 1008264

Ion Ratio Lower Upper

164 100

162 99.6 79.9 119.9

160 44.1 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.859 ng

RT: 12.692 min Scan# 1650

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Tgt Ion:216 Resp: 1374217

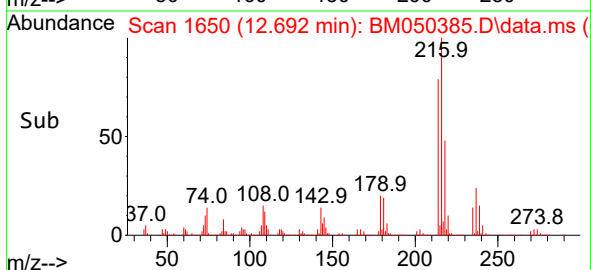
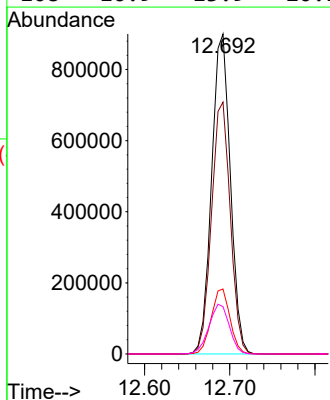
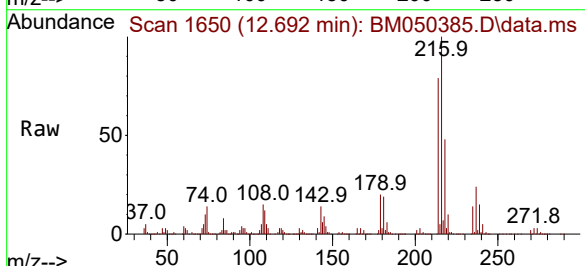
Ion Ratio Lower Upper

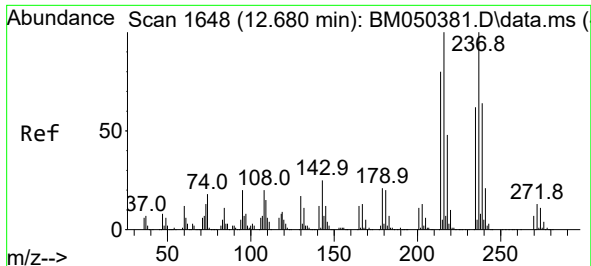
216 100

214 79.0 63.3 94.9

179 20.4 16.4 24.6

108 16.9 13.9 20.9

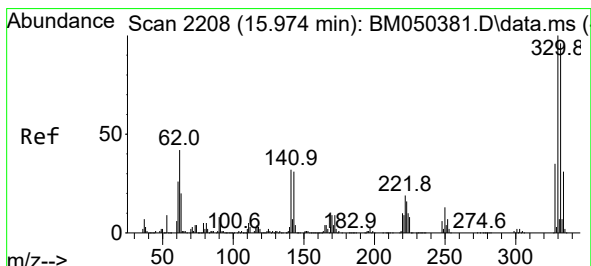
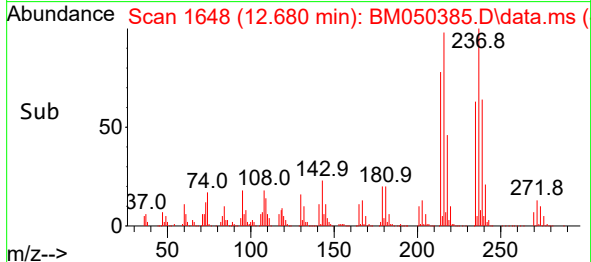
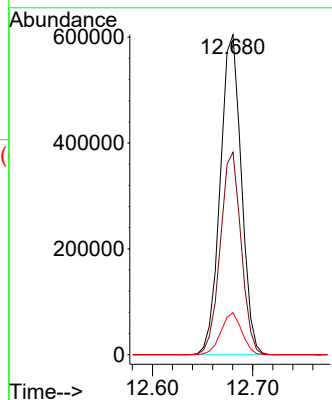
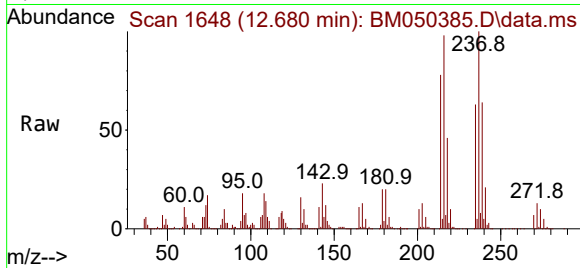




#41
Hexachlorocyclopentadiene
Concen: 43.015 ng
RT: 12.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

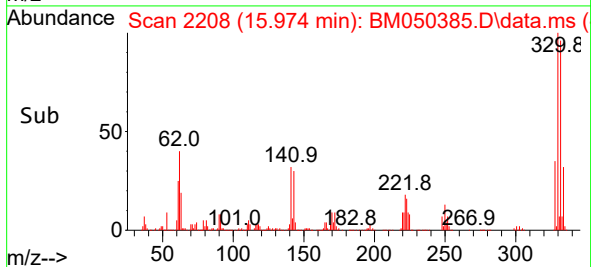
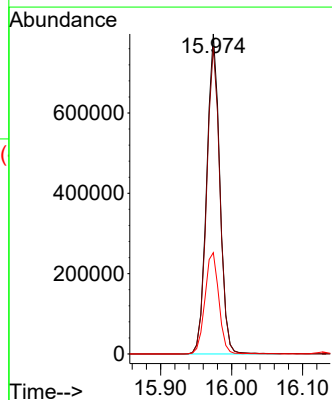
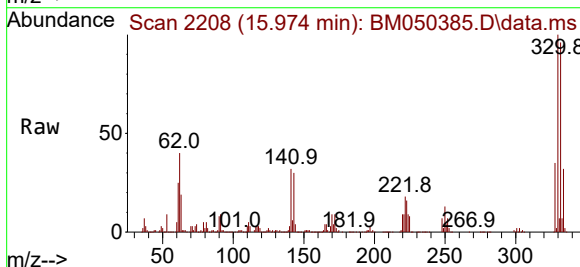
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

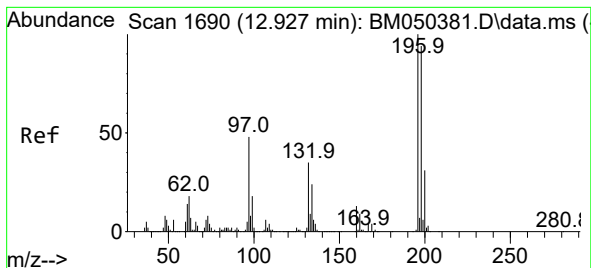
Tgt Ion:237 Resp: 881607
Ion Ratio Lower Upper
237 100
235 63.2 42.3 82.3
272 13.1 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 83.788 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:330 Resp: 1026446
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 33.5 27.4 41.0





#43

2,4,6-Trichlorophenol

Concen: 43.485 ng

RT: 12.927 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

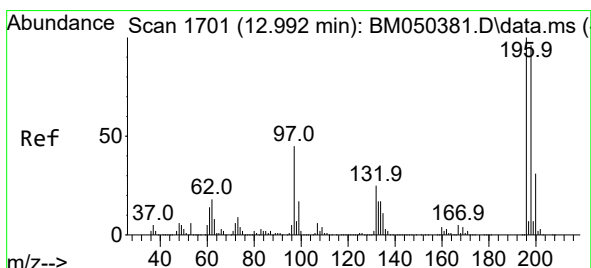
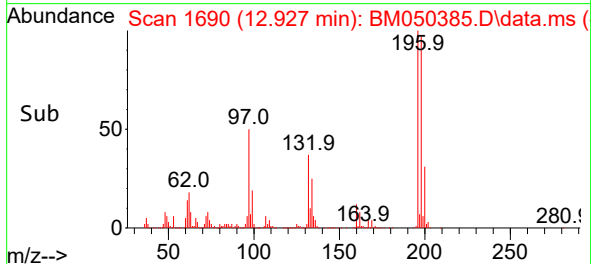
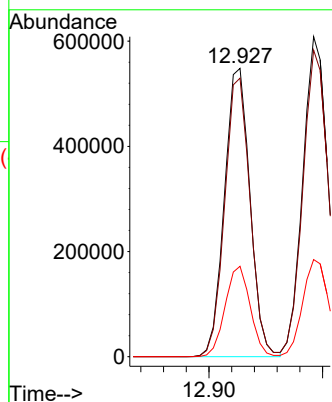
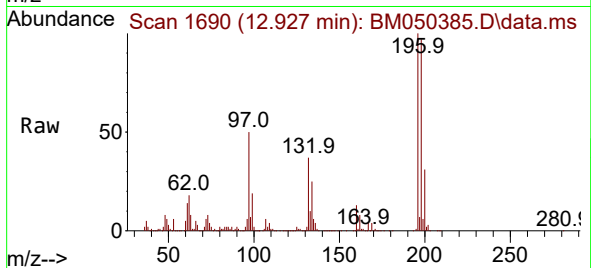
Tgt Ion:196 Resp: 858251

Ion Ratio Lower Upper

196 100

198 96.6 75.1 112.7

200 31.3 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 43.542 ng

RT: 12.992 min Scan# 1701

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Tgt Ion:196 Resp: 938542

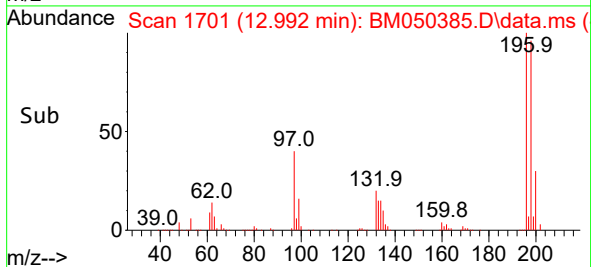
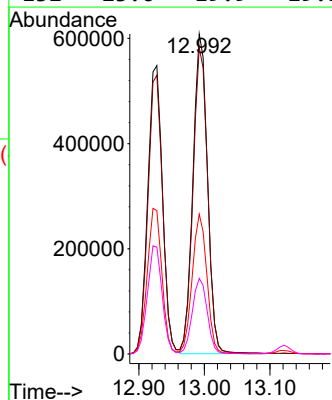
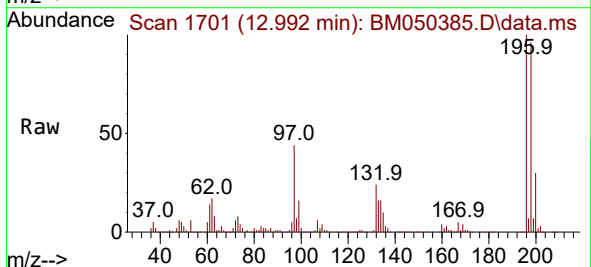
Ion Ratio Lower Upper

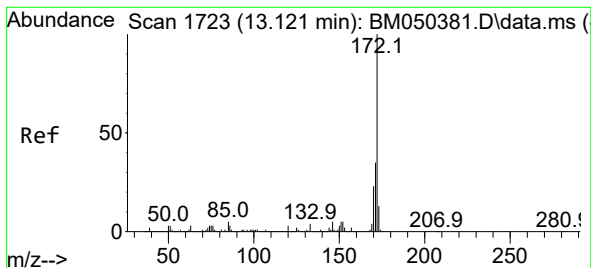
196 100

198 95.8 77.2 115.8

97 43.7 36.2 54.4

132 23.6 19.9 29.9





#45

2-Fluorobiphenyl

Concen: 70.689 ng

RT: 13.121 min Scan# 1723

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

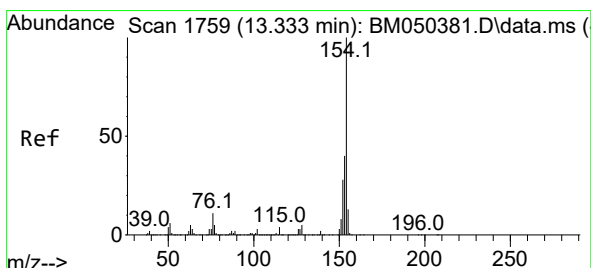
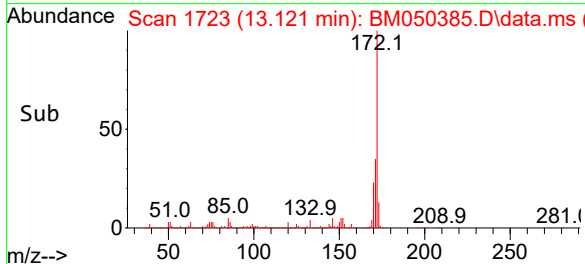
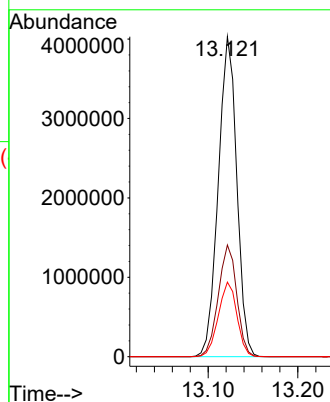
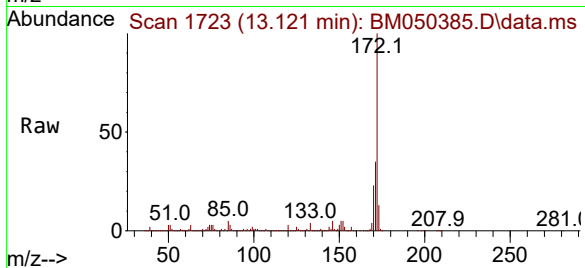
Tgt Ion:172 Resp: 5771427

Ion Ratio Lower Upper

172 100

171 34.9 27.7 41.5

170 23.3 18.8 28.2



#46

1,1'-Biphenyl

Concen: 41.557 ng

RT: 13.333 min Scan# 1759

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

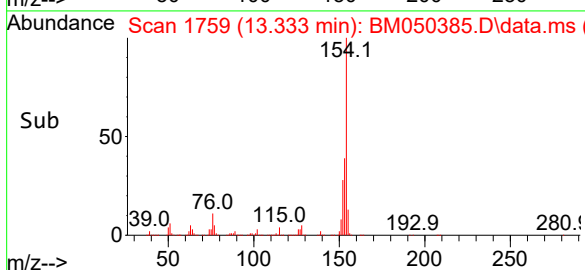
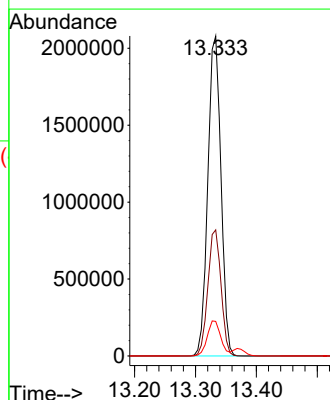
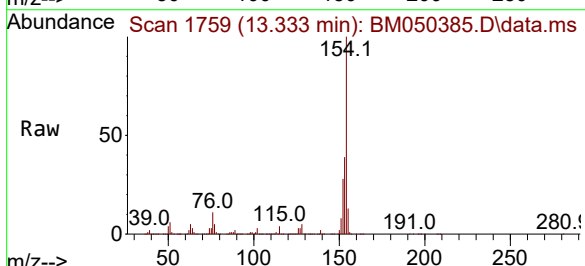
Tgt Ion:154 Resp: 3108770

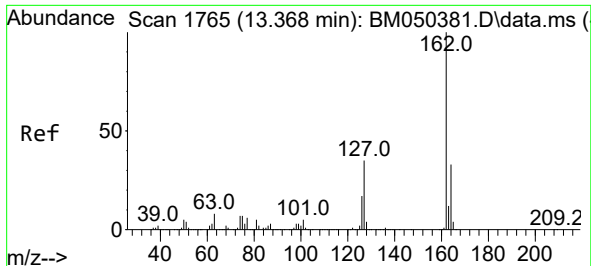
Ion Ratio Lower Upper

154 100

153 39.4 19.7 59.7

76 10.8 0.0 30.9

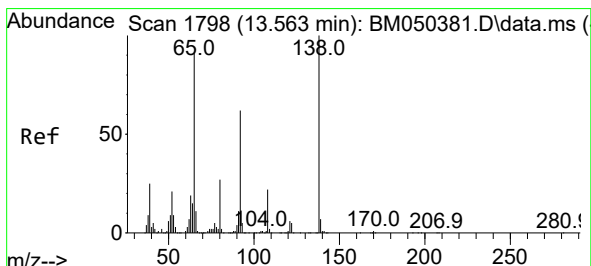
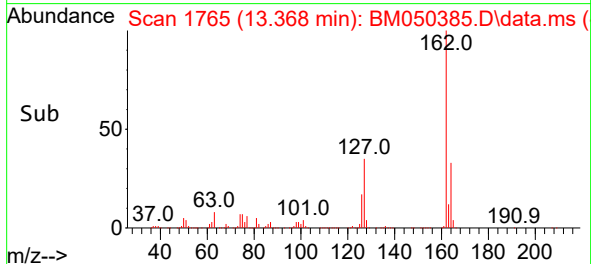
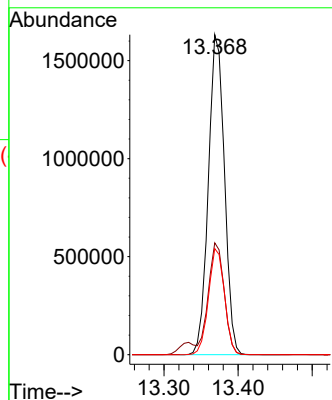
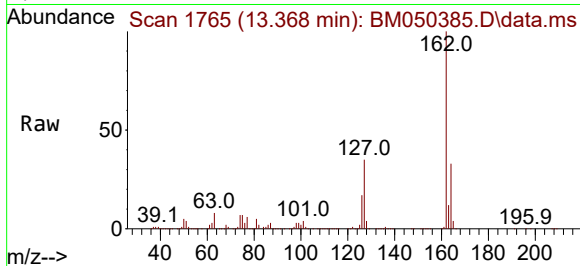




#47
2-Chloronaphthalene
Concen: 41.272 ng
RT: 13.368 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

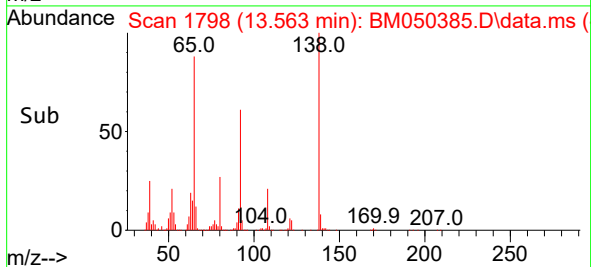
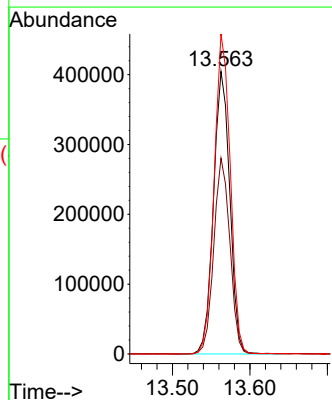
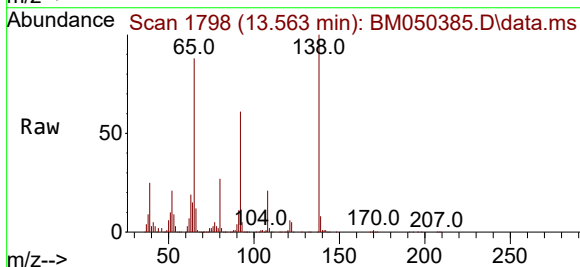
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

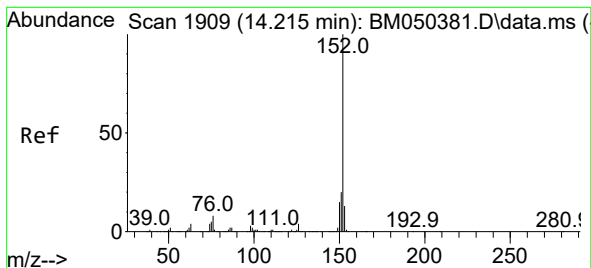
Tgt Ion:162 Resp: 2461641
Ion Ratio Lower Upper
162 100
127 35.0 28.3 42.5
164 33.2 26.6 40.0



#48
2-Nitroaniline
Concen: 44.497 ng
RT: 13.563 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 65 Resp: 592401
Ion Ratio Lower Upper
65 100
92 69.3 54.3 81.5
138 113.2 87.8 131.6





#49

Acenaphthylene

Concen: 41.972 ng

RT: 14.215 min Scan# 1909

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

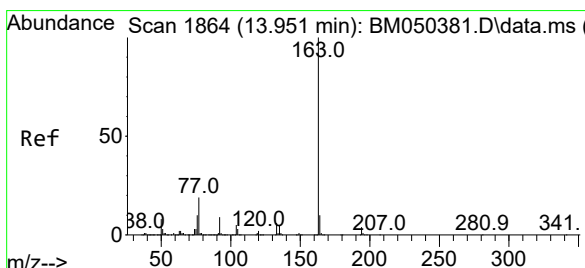
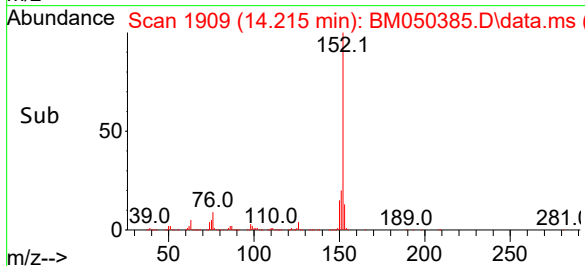
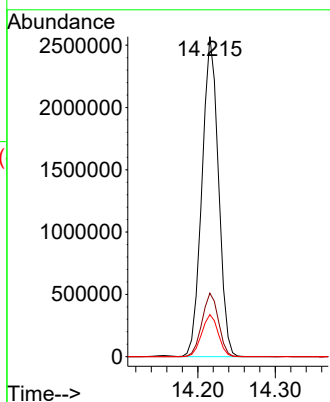
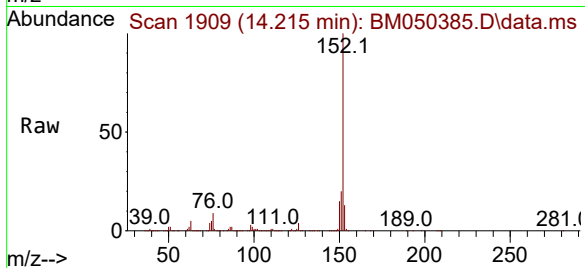
Tgt Ion:152 Resp: 3783308

Ion Ratio Lower Upper

152 100

151 19.8 16.3 24.5

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 41.635 ng

RT: 13.951 min Scan# 1864

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

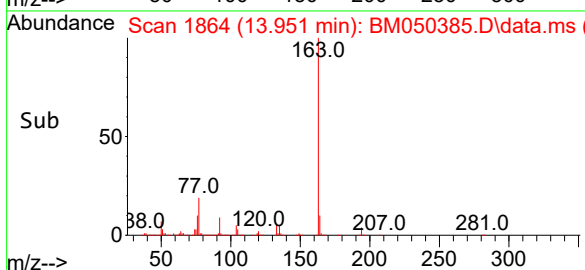
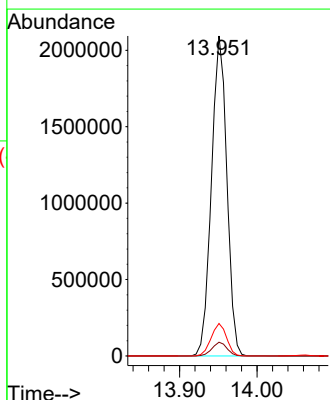
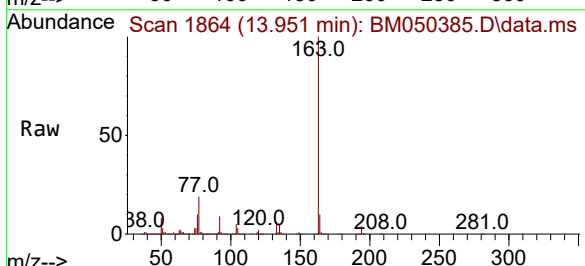
Tgt Ion:163 Resp: 2890119

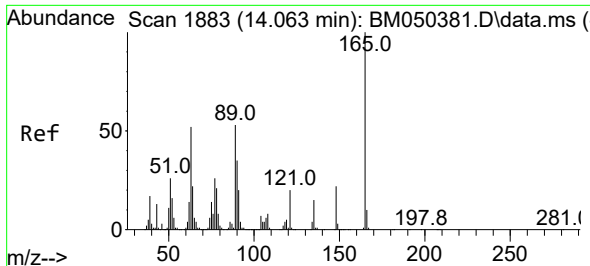
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.1 8.2 12.2

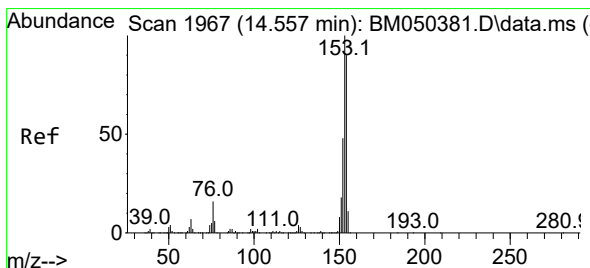
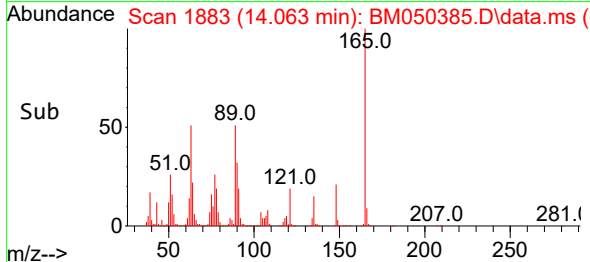
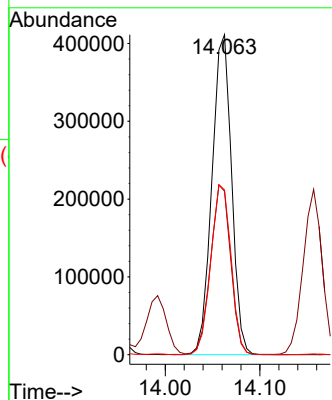
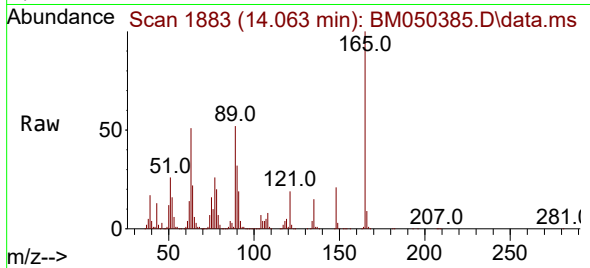




#51
2,6-Dinitrotoluene
Concen: 44.405 ng
RT: 14.063 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

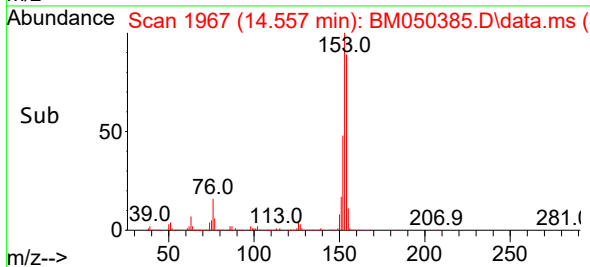
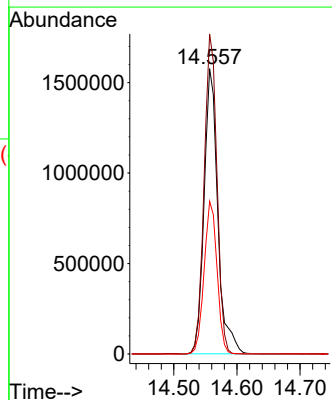
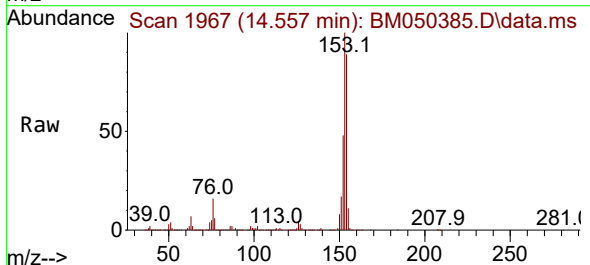
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

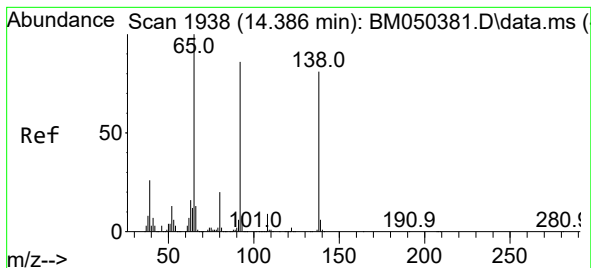
Tgt Ion:165 Resp: 591843
Ion Ratio Lower Upper
165 100
63 51.1 42.4 63.6
89 51.5 42.2 63.2



#52
Acenaphthene
Concen: 41.562 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:154 Resp: 2381763
Ion Ratio Lower Upper
154 100
153 112.1 89.2 133.8
152 53.5 42.6 64.0

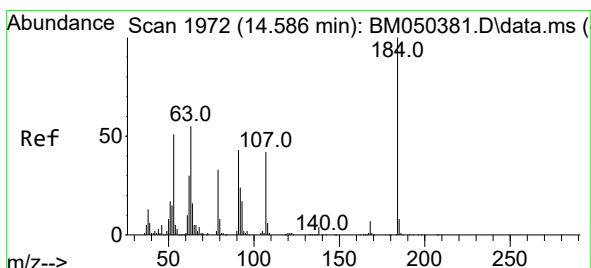
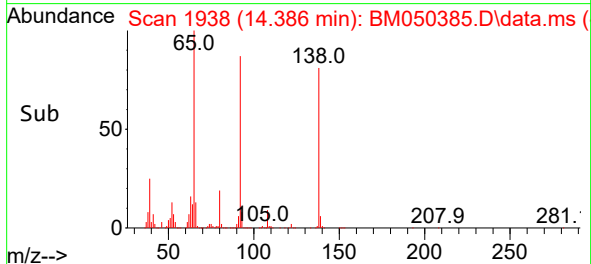
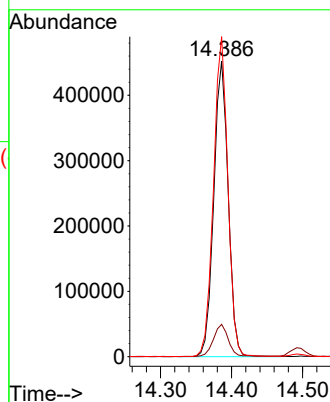
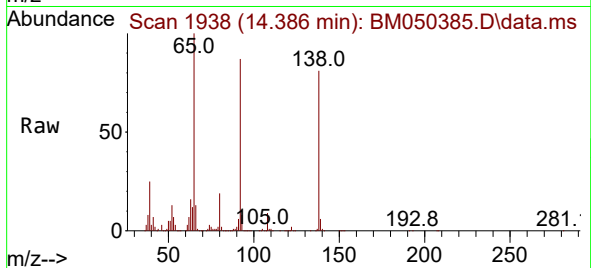




#53
3-Nitroaniline
Concen: 44.871 ng
RT: 14.386 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

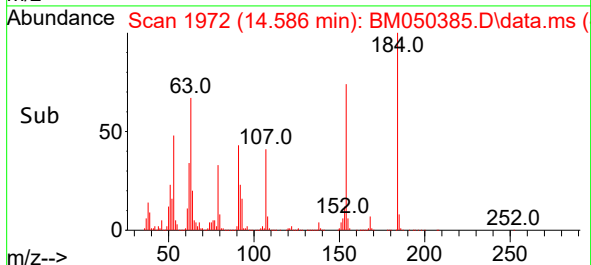
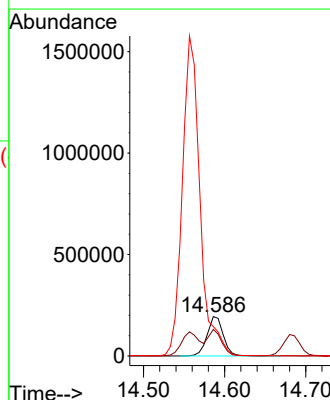
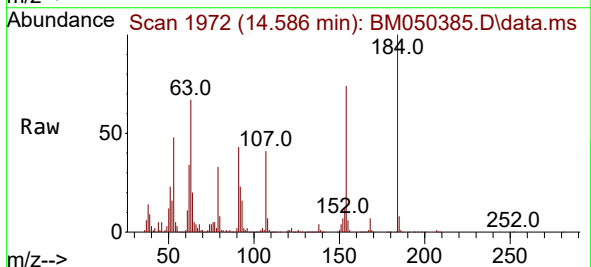
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

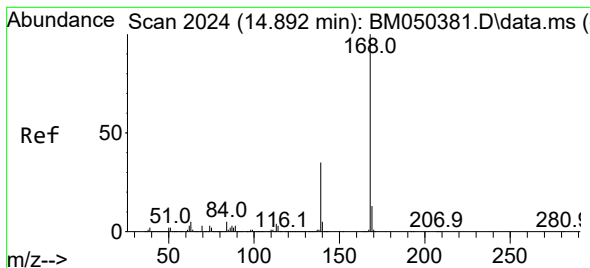
Tgt Ion:138 Resp: 636015
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 108.2 85.0 127.6



#54
2,4-Dinitrophenol
Concen: 39.797 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:184 Resp: 266947
Ion Ratio Lower Upper
184 100
63 67.3 53.4 80.0
154 74.3 61.6 92.4

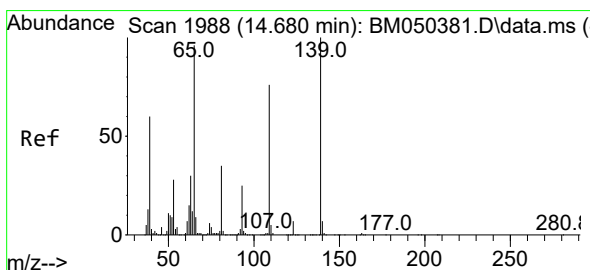
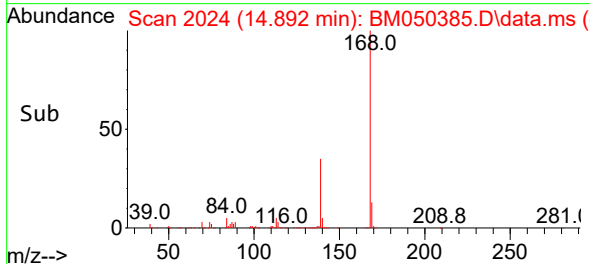
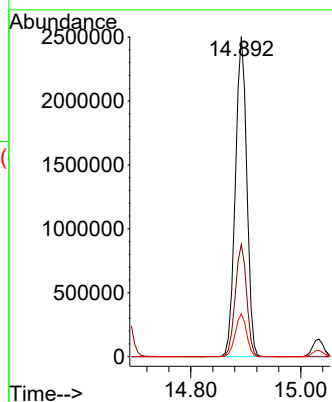
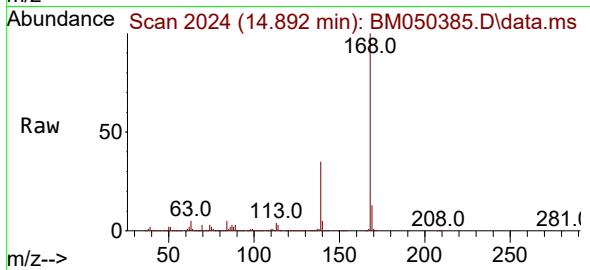




#55
Dibenzofuran
Concen: 40.877 ng
RT: 14.892 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

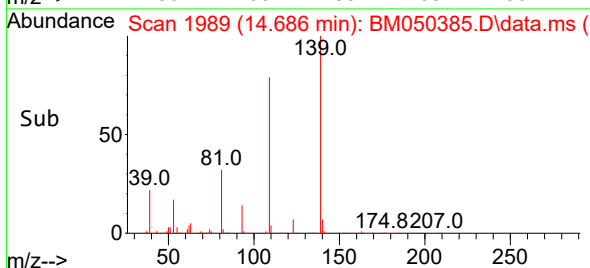
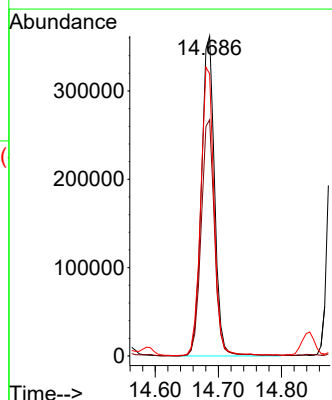
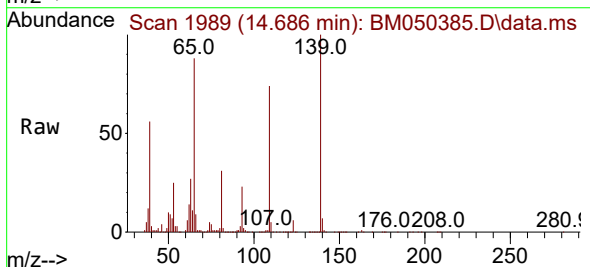
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

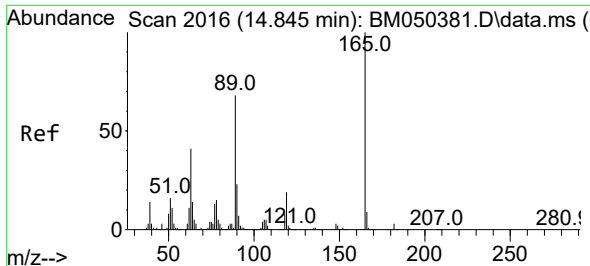
Tgt Ion:168 Resp: 3609413
Ion Ratio Lower Upper
168 100
139 35.1 27.7 41.5
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 42.822 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:139 Resp: 521977
Ion Ratio Lower Upper
139 100
109 73.8 56.5 96.5
65 88.1 76.4 116.4

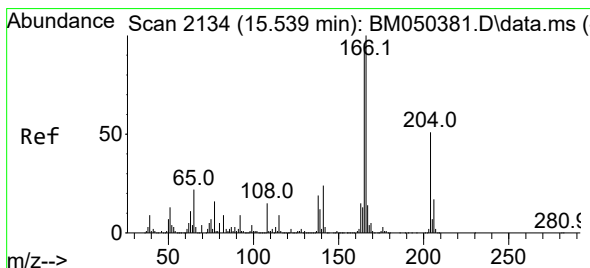
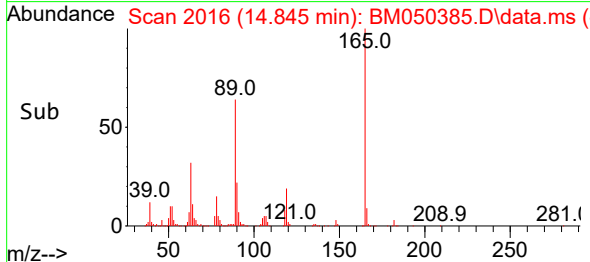
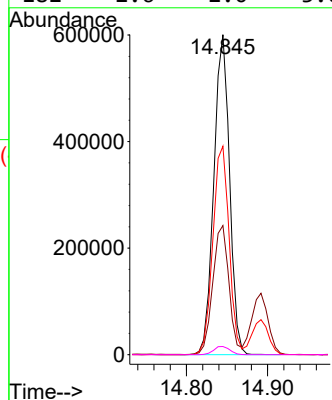
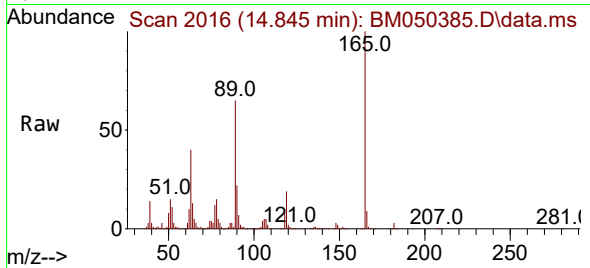




#57
2,4-Dinitrotoluene
Concen: 40.905 ng
RT: 14.845 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

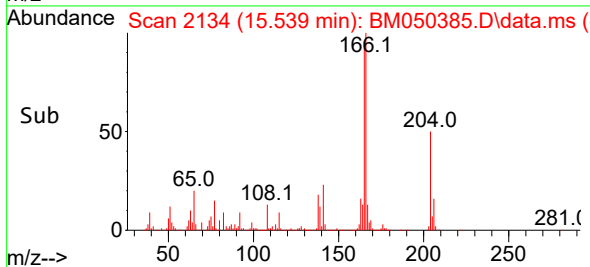
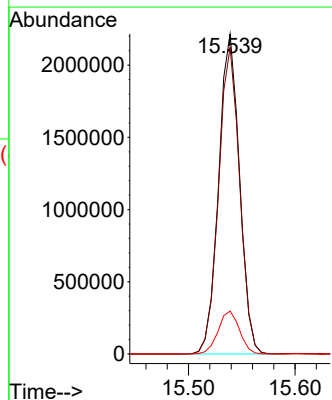
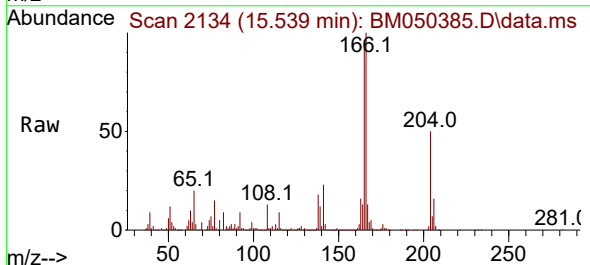
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

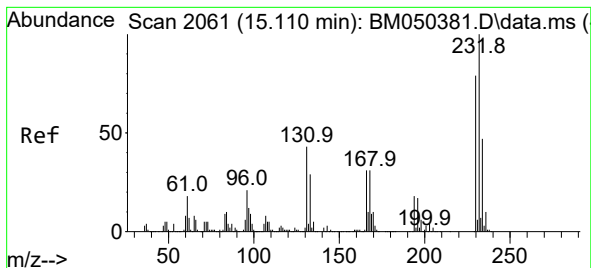
Tgt Ion:165 Resp: 807634
Ion Ratio Lower Upper
165 100
63 40.3 32.5 48.7
89 65.1 54.0 81.0
182 2.6 2.0 3.0



#58
Fluorene
Concen: 41.425 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:166 Resp: 3012801
Ion Ratio Lower Upper
166 100
165 95.8 77.0 115.6
167 13.4 10.9 16.3

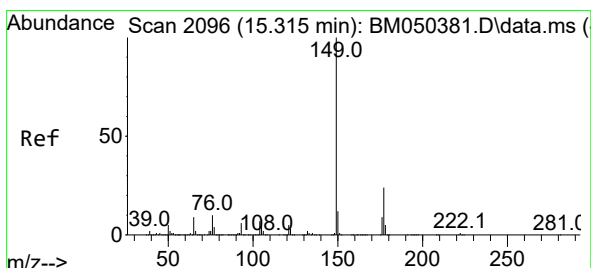
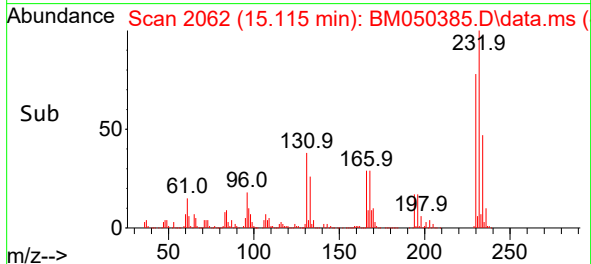
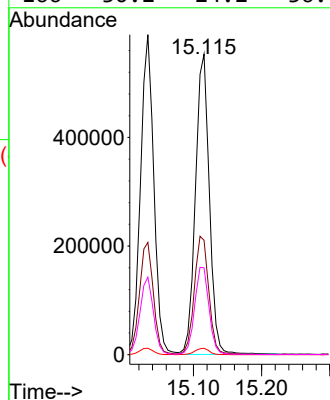
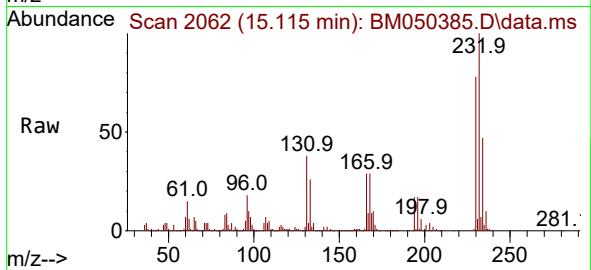




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.229 ng
RT: 15.115 min Scan# 2061
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

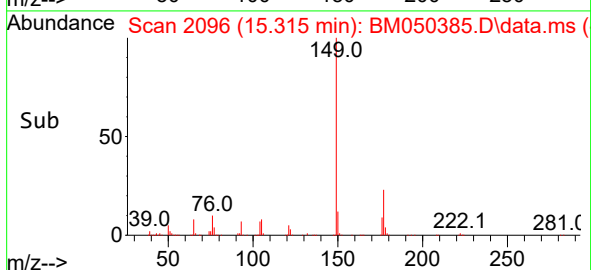
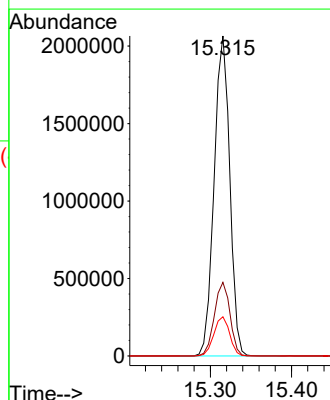
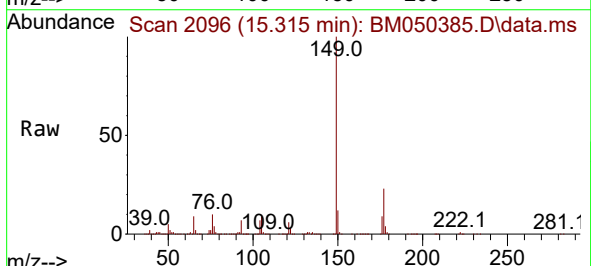
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

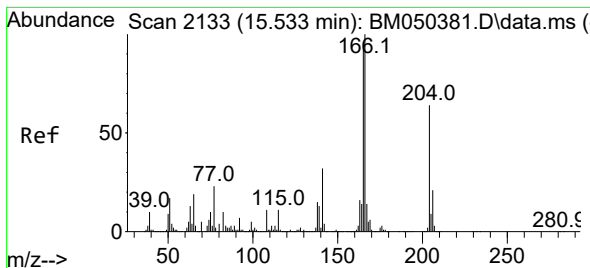
Tgt Ion:232 Resp: 784378
Ion Ratio Lower Upper
232 100
131 41.1 33.4 50.0
130 2.2 1.8 2.6
166 30.2 24.2 36.4



#60
Diethylphthalate
Concen: 41.609 ng
RT: 15.315 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:149 Resp: 2759041
Ion Ratio Lower Upper
149 100
177 23.0 18.8 28.2
150 12.2 9.8 14.8

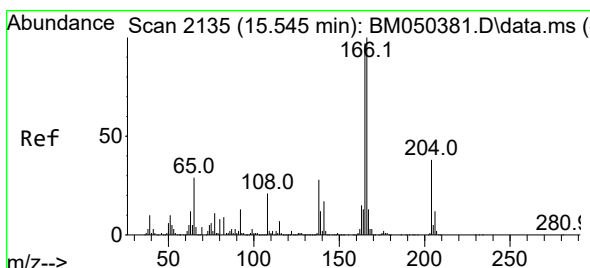
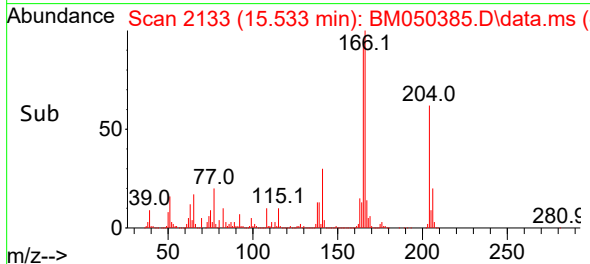
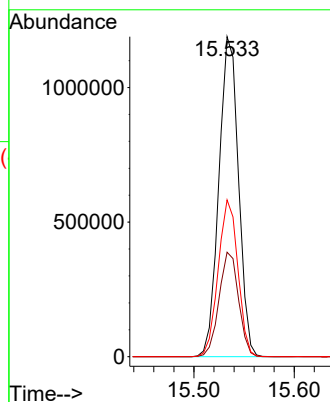
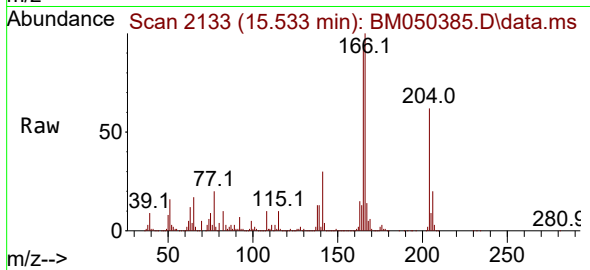




#61
4-Chlorophenyl-phenylether
Concen: 42.288 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

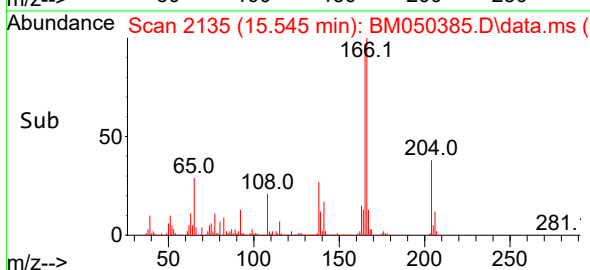
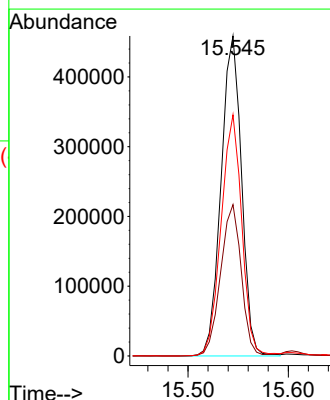
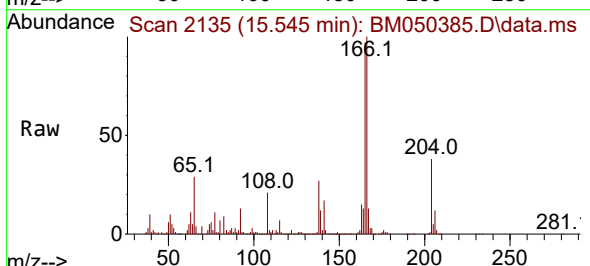
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

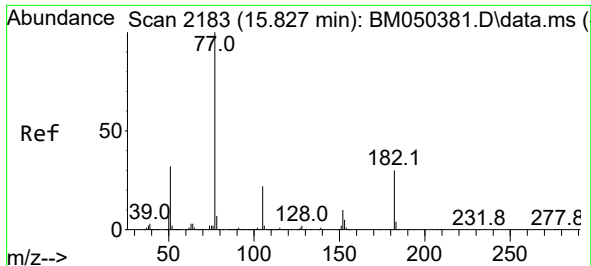
Tgt Ion:204 Resp: 1608200
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 49.0 39.9 59.9



#62
4-Nitroaniline
Concen: 40.288 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:138 Resp: 649355
Ion Ratio Lower Upper
138 100
92 47.3 24.5 64.5
108 75.4 52.5 92.5

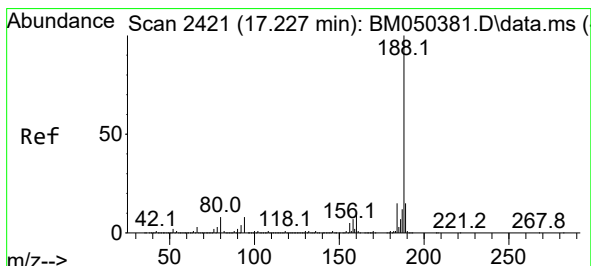
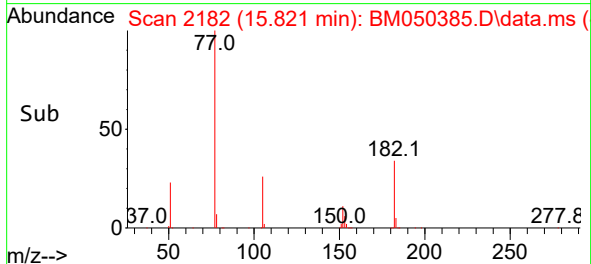
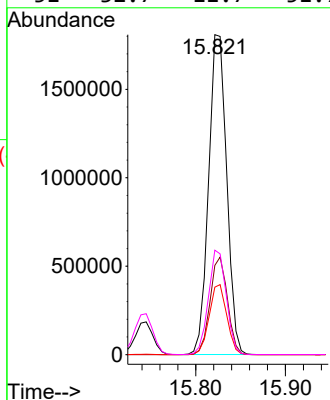
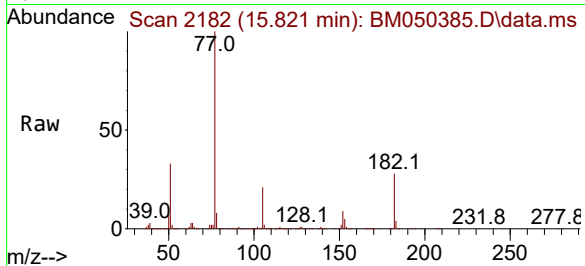




#63
Azobenzene
Concen: 41.531 ng
RT: 15.821 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

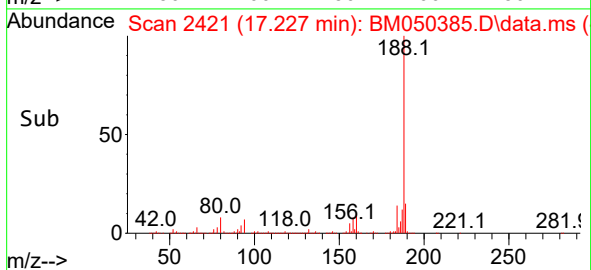
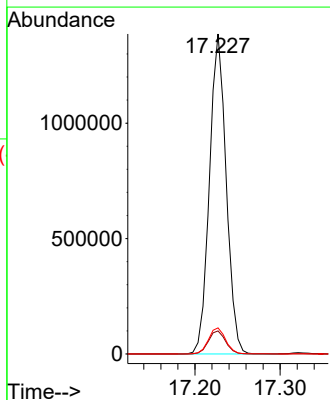
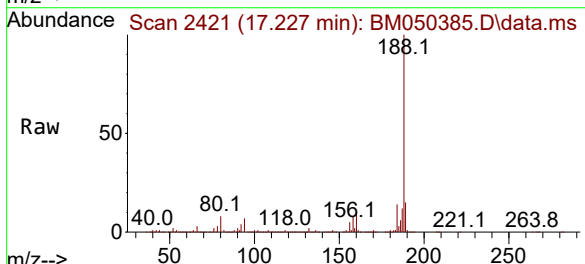
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

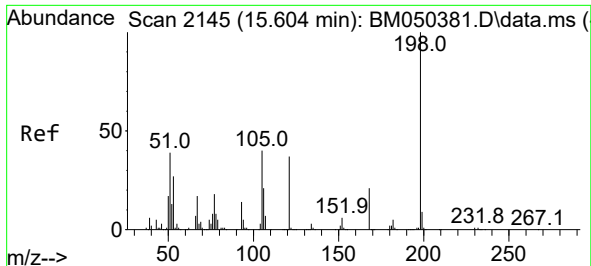
Tgt Ion: 77 Resp: 2528721
Ion Ratio Lower Upper
77 100
182 27.9 10.0 50.0
105 21.1 2.0 42.0
51 32.7 11.7 51.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:188 Resp: 1898481
Ion Ratio Lower Upper
188 100
94 7.2 6.0 9.0
80 8.2 6.5 9.7

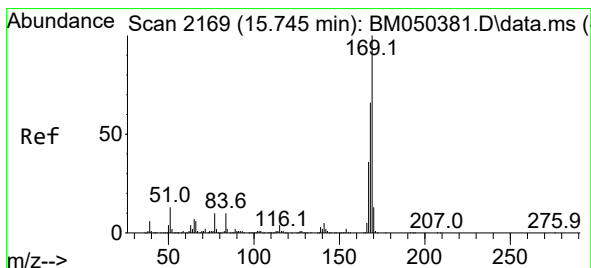
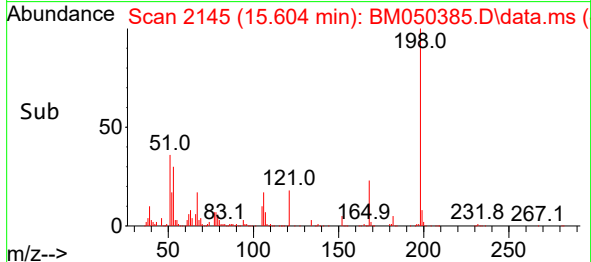
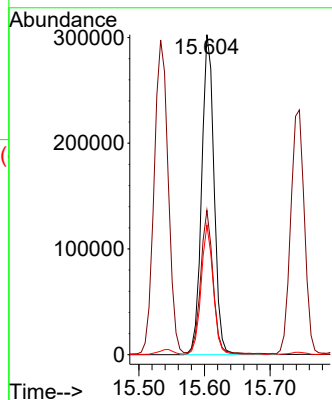
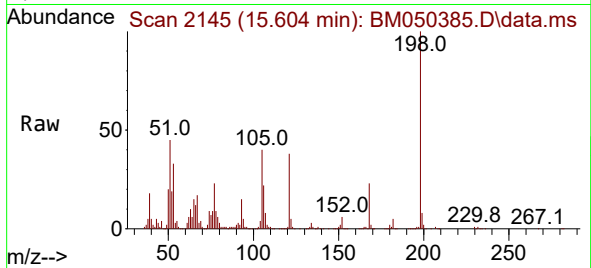




#65
4,6-Dinitro-2-methylphenol
Concen: 40.334 ng
RT: 15.604 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

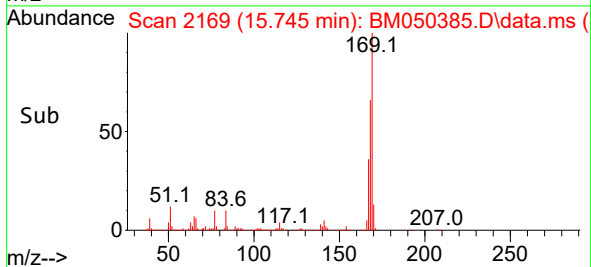
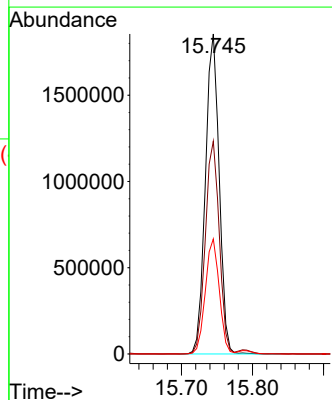
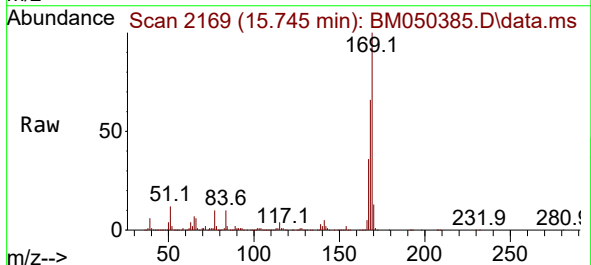
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

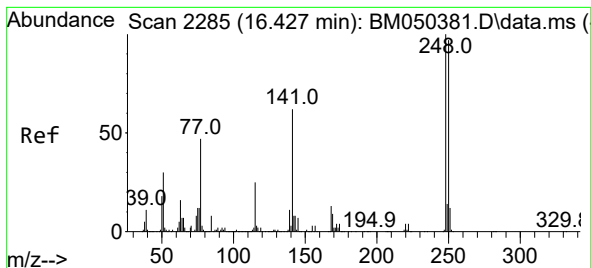
Tgt Ion:198 Resp: 399918
Ion Ratio Lower Upper
198 100
51 45.1 26.6 66.6
105 40.5 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 42.198 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:169 Resp: 2506809
Ion Ratio Lower Upper
169 100
168 66.5 53.2 79.8
167 36.0 28.7 43.1

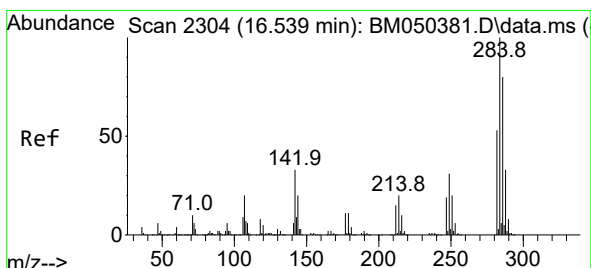
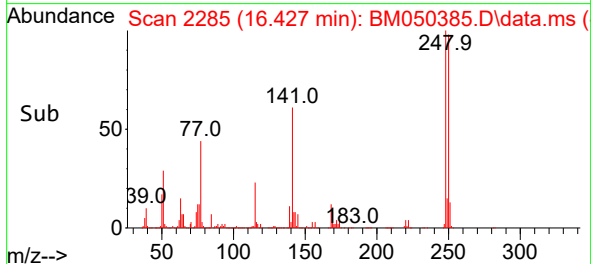
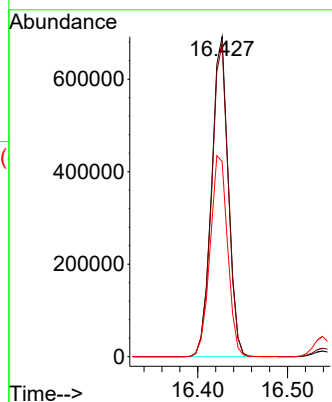
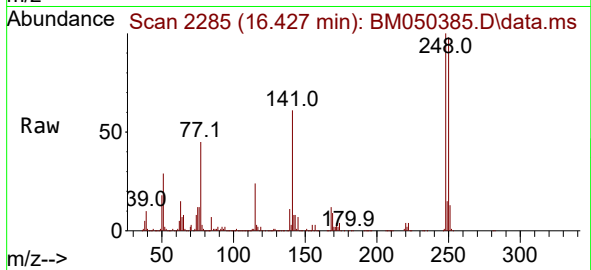




#67
4-Bromophenyl-phenylether
Concen: 42.755 ng
RT: 16.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

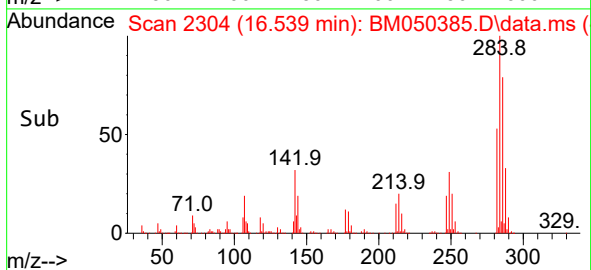
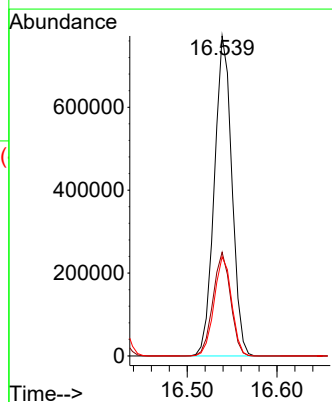
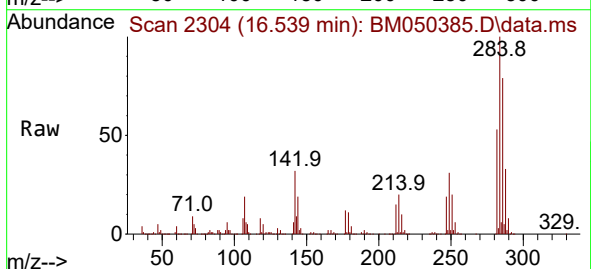
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

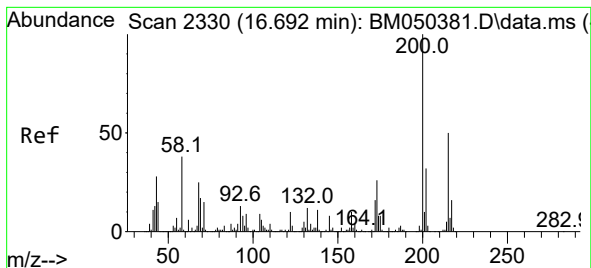
Tgt Ion:248 Resp: 894310
Ion Ratio Lower Upper
248 100
250 97.7 77.9 116.9
141 61.0 49.7 74.5



#68
Hexachlorobenzene
Concen: 42.380 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:284 Resp: 1046980
Ion Ratio Lower Upper
284 100
142 32.4 26.8 40.2
249 31.0 24.5 36.7





#69

Atrazine

Concen: 44.212 ng

RT: 16.692 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

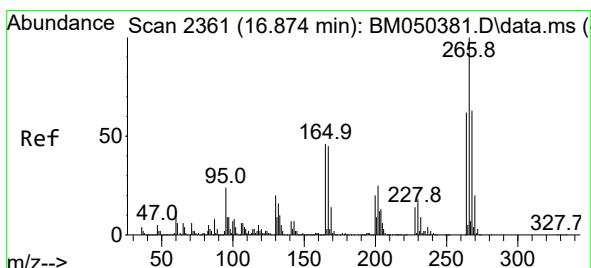
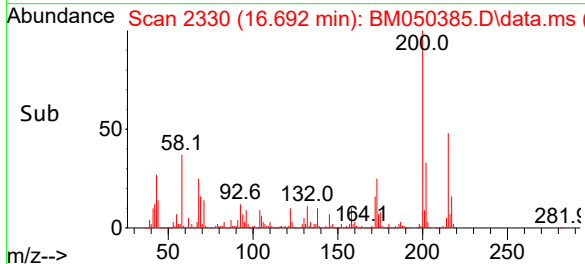
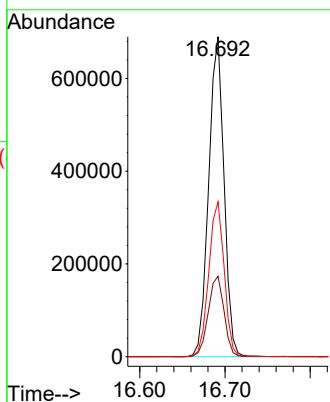
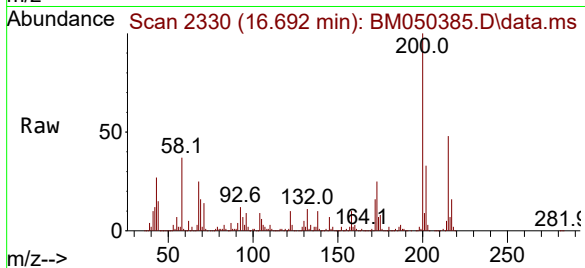
Tgt Ion:200 Resp: 862455

Ion Ratio Lower Upper

200 100

173 25.2 5.6 45.6

215 48.4 29.6 69.6



#70

Pentachlorophenol

Concen: 43.075 ng

RT: 16.874 min Scan# 2361

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

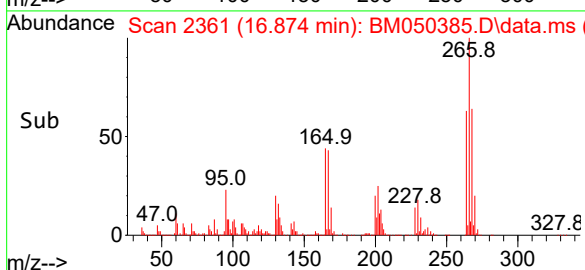
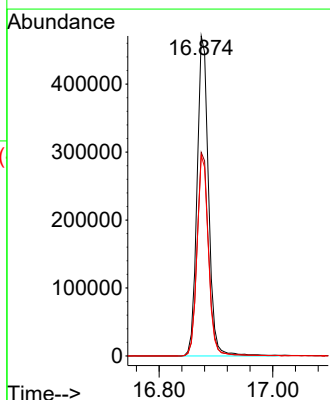
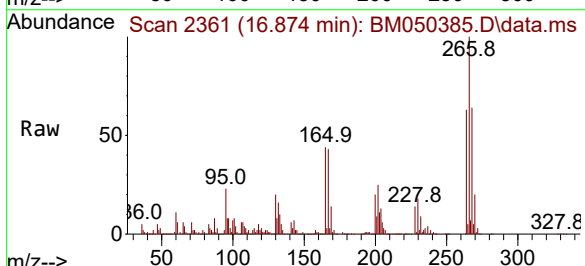
Tgt Ion:266 Resp: 662449

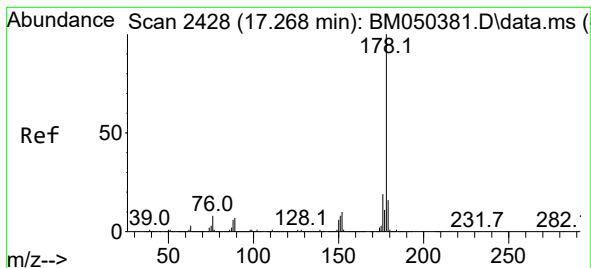
Ion Ratio Lower Upper

266 100

268 63.6 50.5 75.7

264 62.6 49.9 74.9





#71

Phenanthrene

Concen: 41.373 ng

RT: 17.268 min Scan# 2428

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

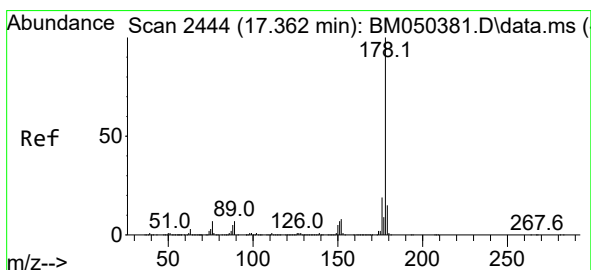
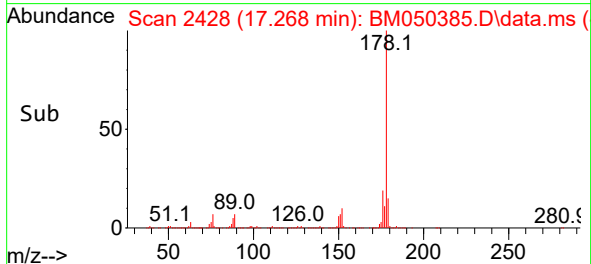
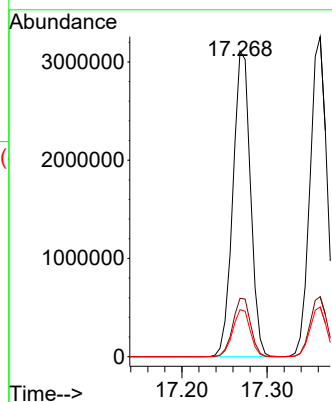
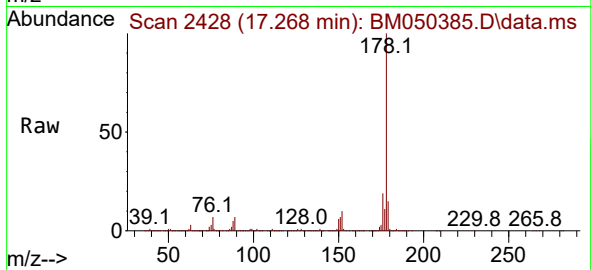
Tgt Ion:178 Resp: 4444618

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.4 12.5 18.7



#72

Anthracene

Concen: 42.316 ng

RT: 17.362 min Scan# 2444

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

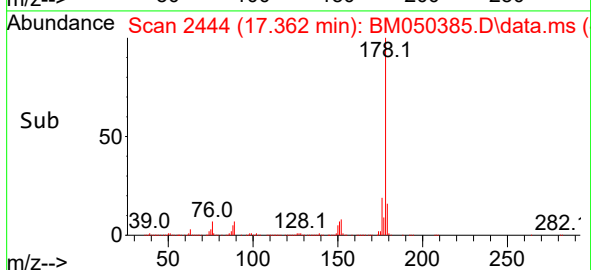
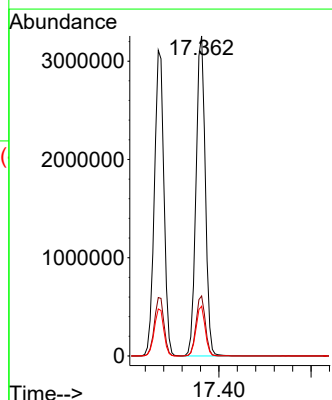
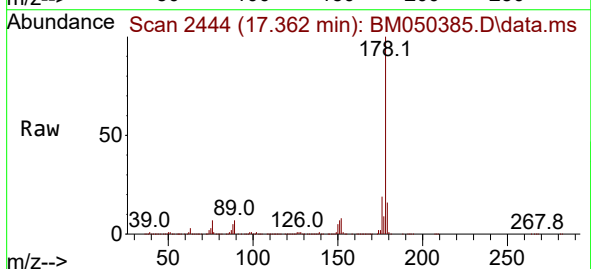
Tgt Ion:178 Resp: 4525011

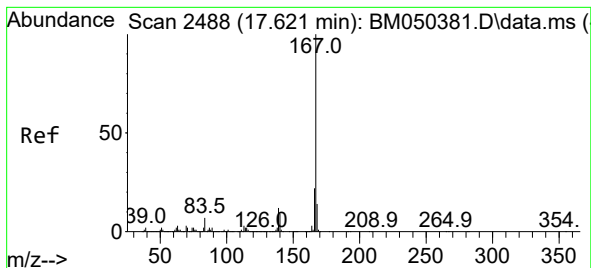
Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

179 15.5 12.2 18.4





#73

Carbazole

Concen: 41.806 ng

RT: 17.621 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

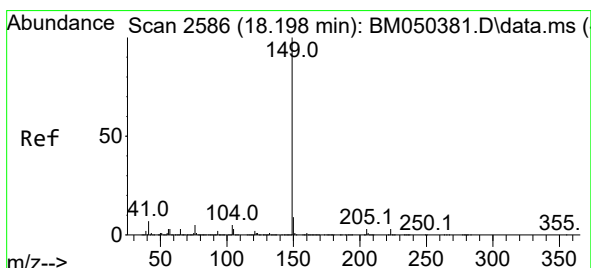
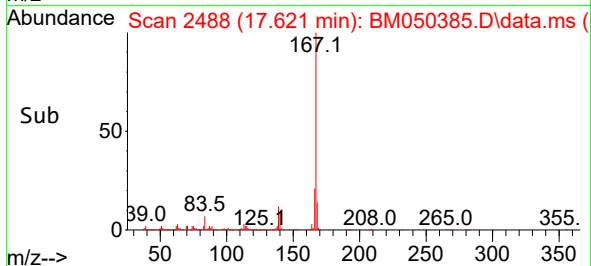
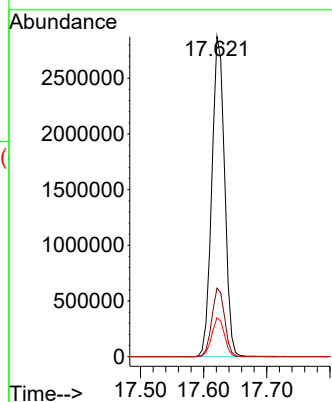
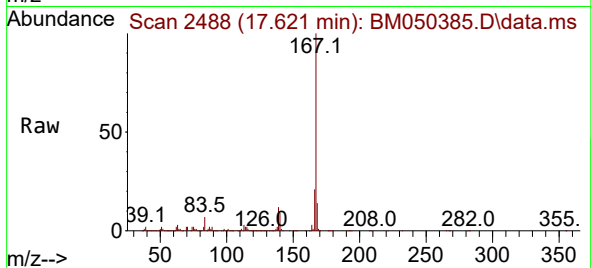
Tgt Ion:167 Resp: 4044979

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 12.2 9.9 14.9



#74

Di-n-butylphthalate

Concen: 43.247 ng

RT: 18.198 min Scan# 2586

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

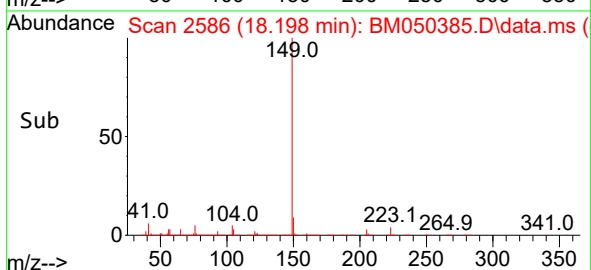
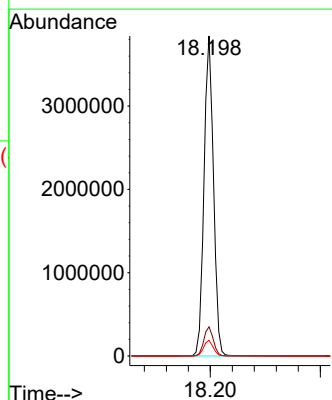
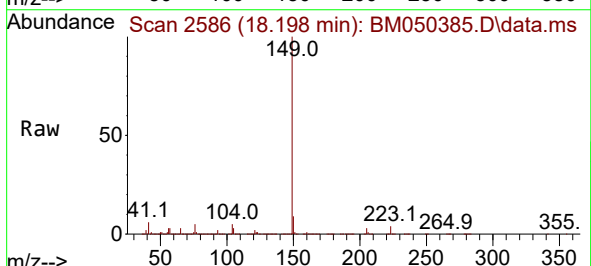
Tgt Ion:149 Resp: 4579991

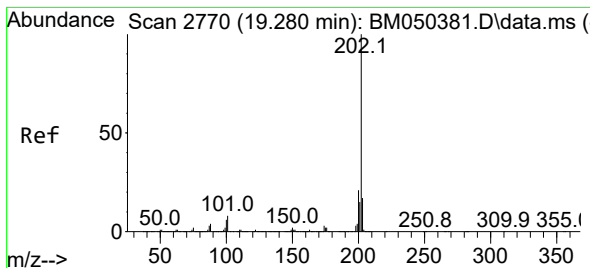
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 4.9 3.9 5.9





#75

Fluoranthene

Concen: 42.474 ng

RT: 19.280 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

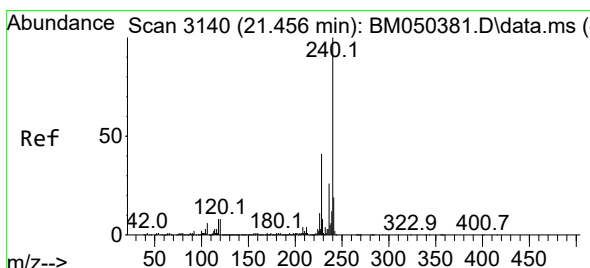
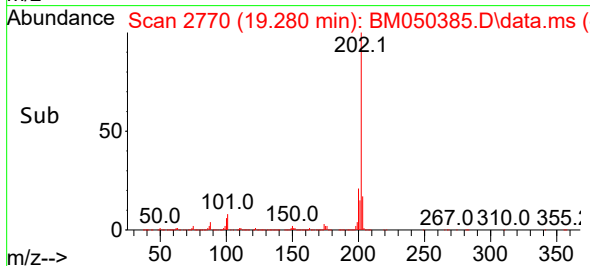
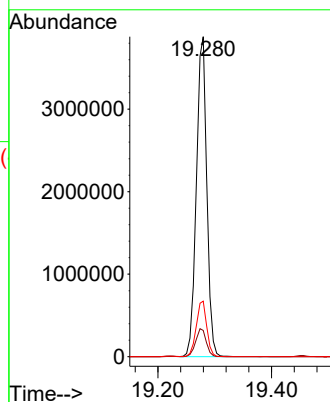
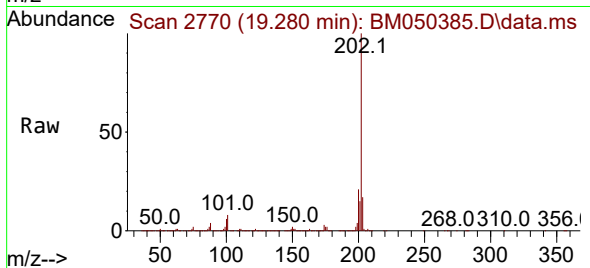
Tgt Ion:202 Resp: 4960360

Ion Ratio Lower Upper

202 100

101 8.2 0.0 28.3

203 17.4 0.0 37.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.456 min Scan# 3140

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

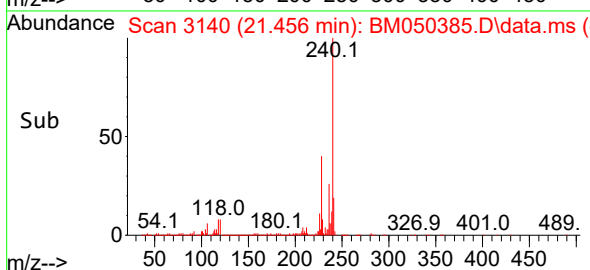
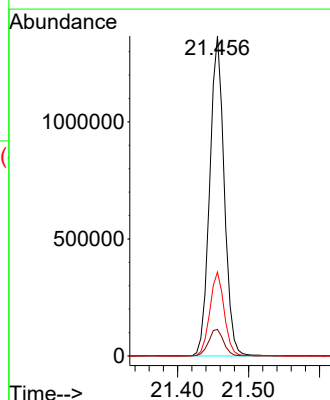
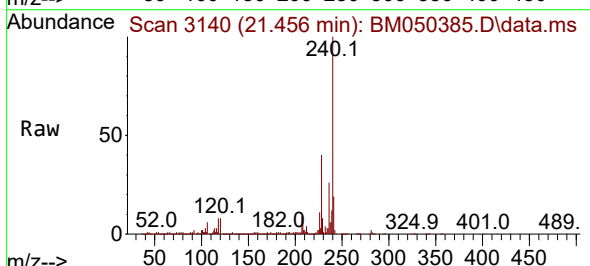
Tgt Ion:240 Resp: 1940016

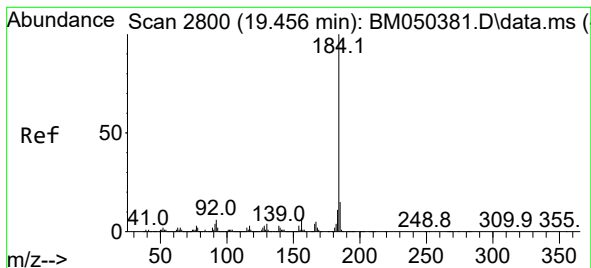
Ion Ratio Lower Upper

240 100

120 8.3 6.7 10.1

236 26.2 20.7 31.1





#77

Benzidine

Concen: 53.050 ng

RT: 19.456 min Scan# 2800

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

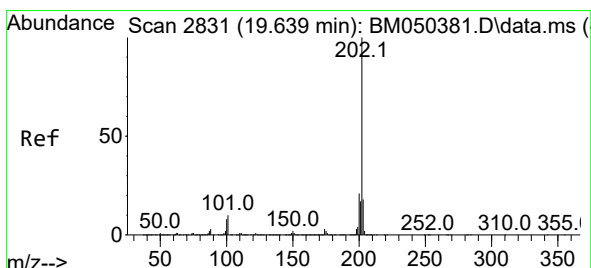
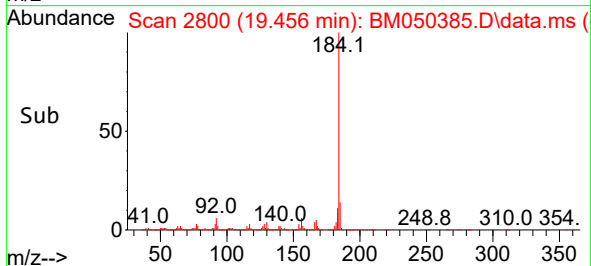
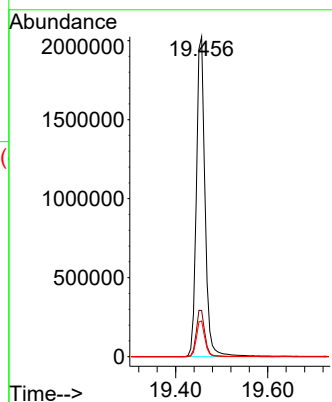
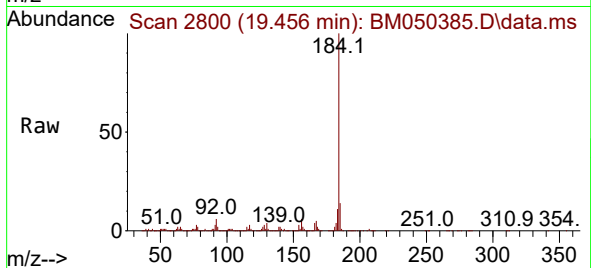
Tgt Ion:184 Resp: 2625052

Ion Ratio Lower Upper

184 100

185 14.4 11.7 17.5

183 11.2 9.0 13.6



#78

Pyrene

Concen: 42.257 ng

RT: 19.639 min Scan# 2831

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

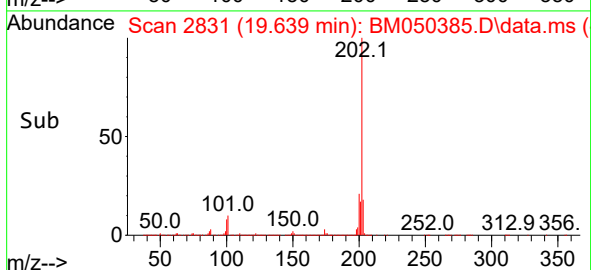
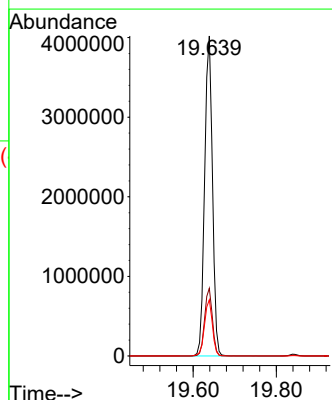
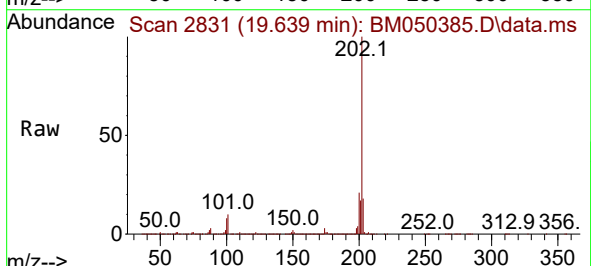
Tgt Ion:202 Resp: 5250364

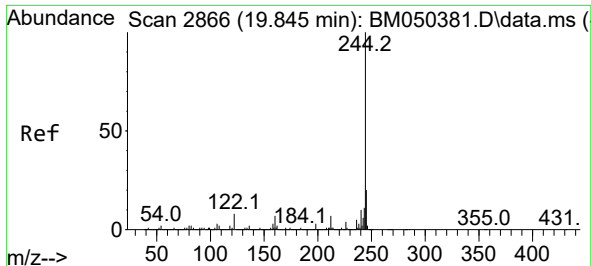
Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 17.5 14.1 21.1

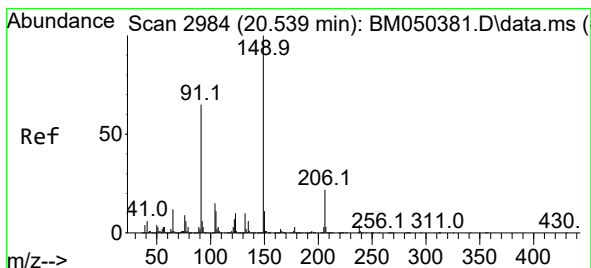
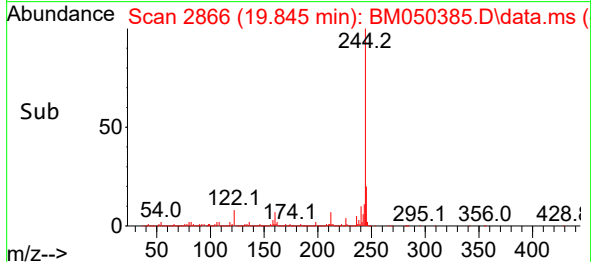
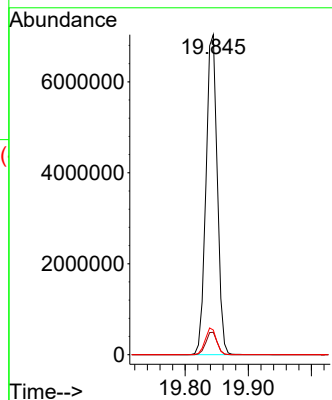
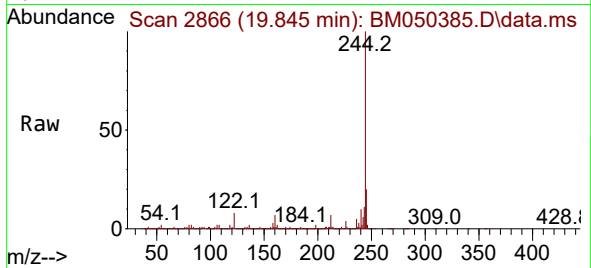




#79
 Terphenyl-d14
 Concen: 79.145 ng
 RT: 19.845 min Scan# 2866
 Delta R.T. 0.000 min
 Lab File: BM050385.D
 Acq: 08 Jul 2025 18:05

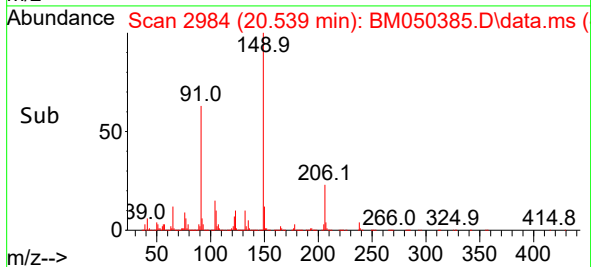
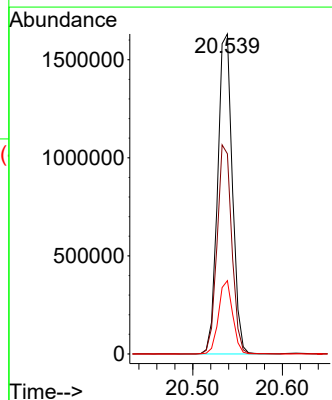
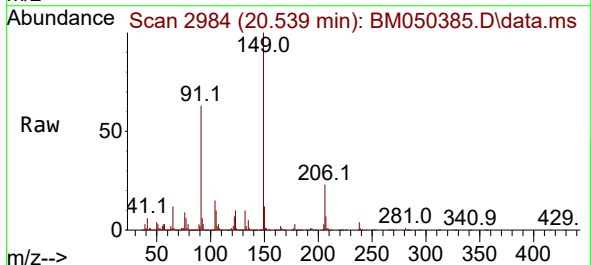
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM070925

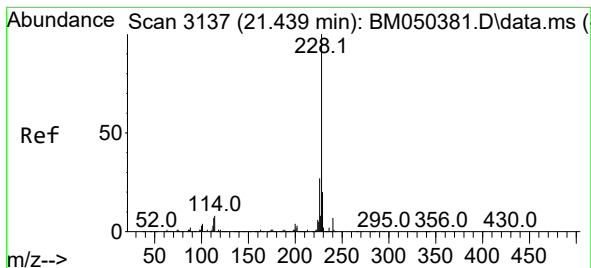
Tgt Ion:244 Resp: 8726739
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 7.7 6.2 9.2



#80
 Butylbenzylphthalate
 Concen: 45.139 ng
 RT: 20.539 min Scan# 2984
 Delta R.T. 0.000 min
 Lab File: BM050385.D
 Acq: 08 Jul 2025 18:05

Tgt Ion:149 Resp: 1849278
 Ion Ratio Lower Upper
 149 100
 91 62.6 51.6 77.4
 206 22.9 17.8 26.8





#81

Benzo(a)anthracene

Concen: 42.109 ng

RT: 21.439 min Scan# 3137

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

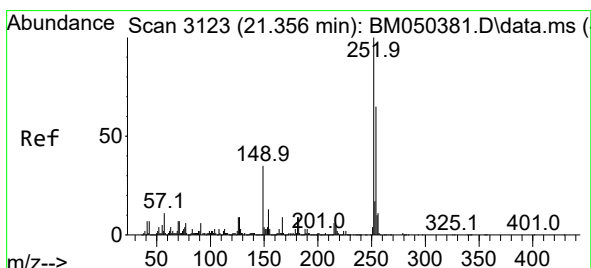
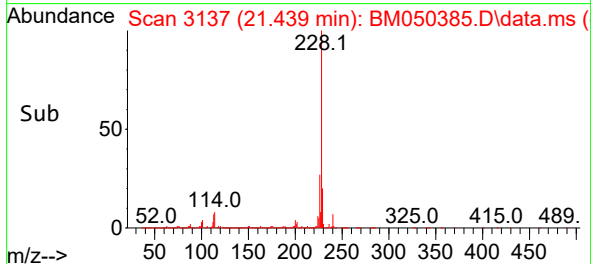
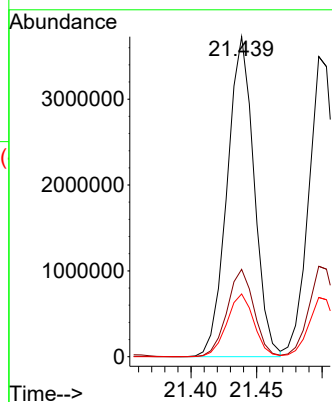
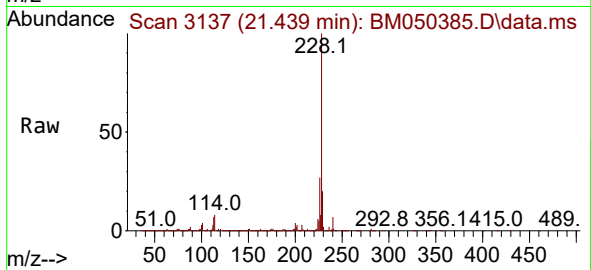
Tgt Ion:228 Resp: 5322771

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.6 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 43.733 ng

RT: 21.356 min Scan# 3123

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

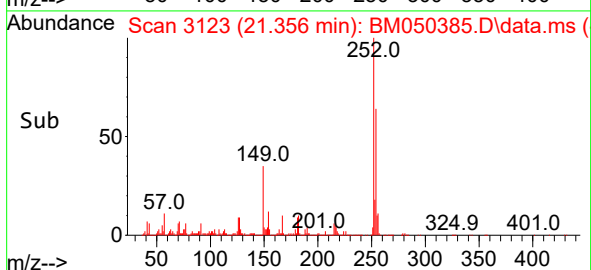
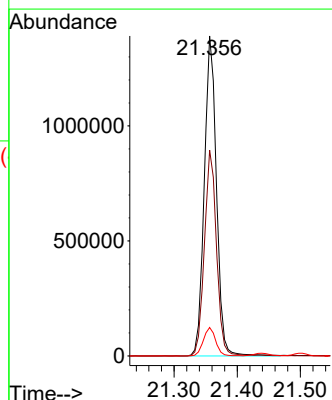
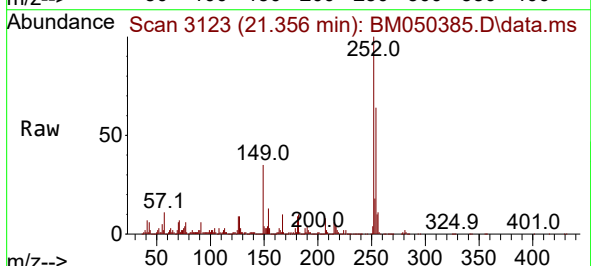
Tgt Ion:252 Resp: 1864267

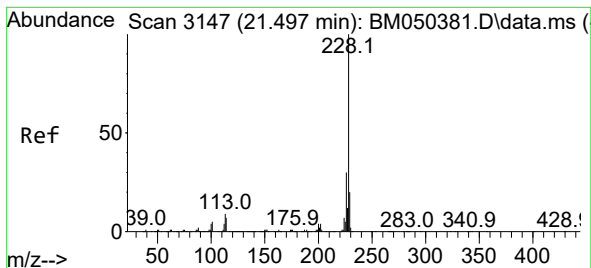
Ion Ratio Lower Upper

252 100

254 64.4 51.7 77.5

126 8.9 7.3 10.9





#83

Chrysene

Concen: 41.924 ng

RT: 21.497 min Scan# 3147

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

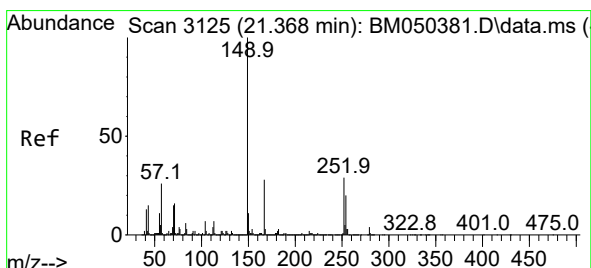
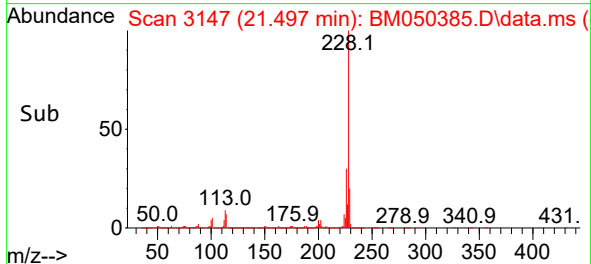
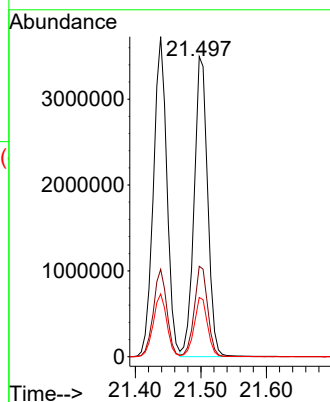
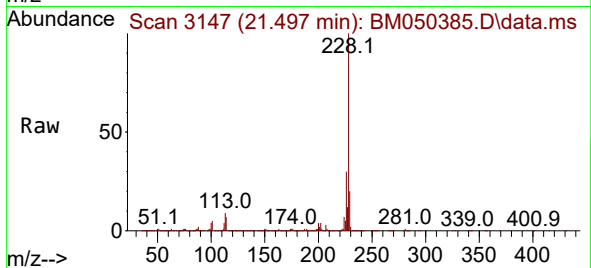
Tgt Ion:228 Resp: 4998506

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.4

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.481 ng

RT: 21.368 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

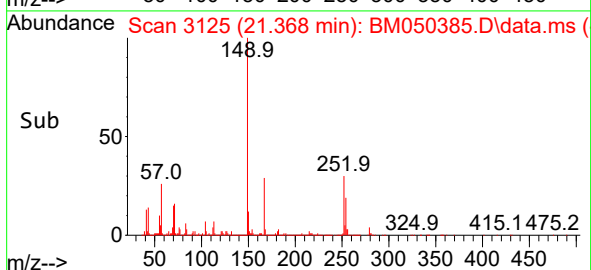
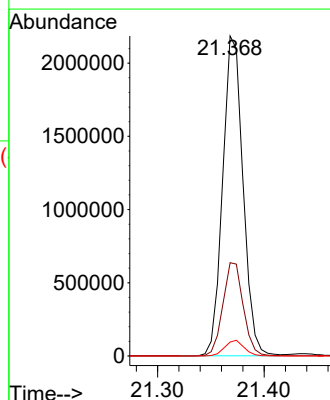
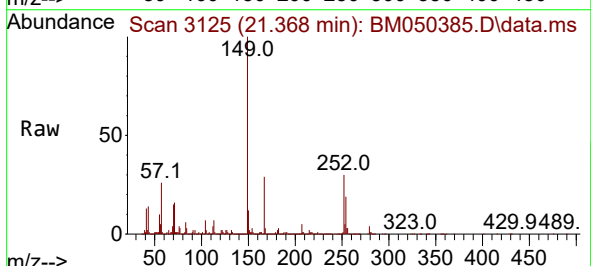
Tgt Ion:149 Resp: 2892877

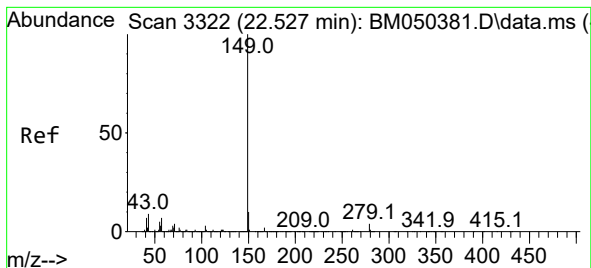
Ion Ratio Lower Upper

149 100

167 29.2 22.7 34.1

279 4.4 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 43.760 ng

RT: 22.521 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

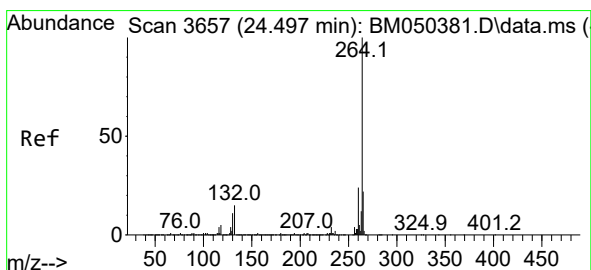
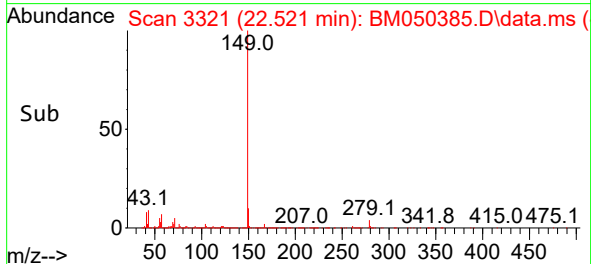
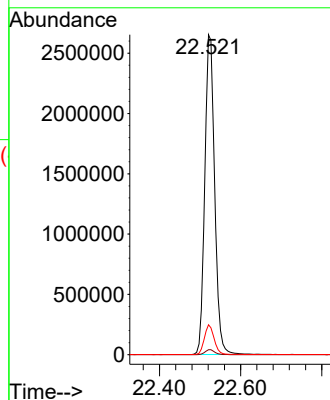
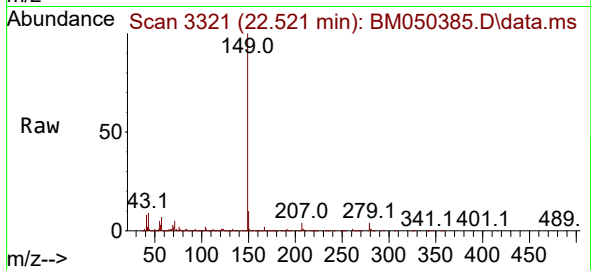
Tgt Ion:149 Resp: 4457449

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.3 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.497 min Scan# 3657

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

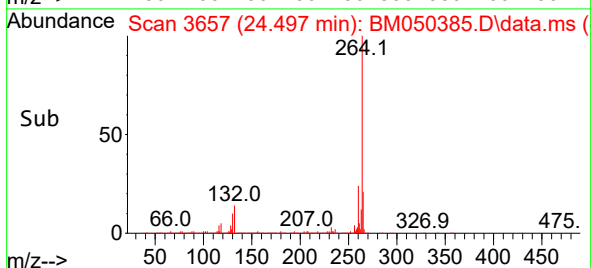
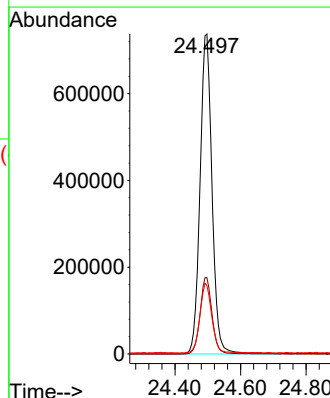
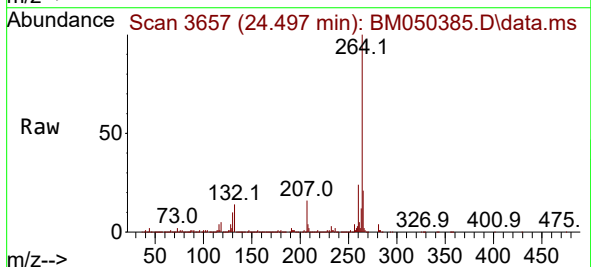
Tgt Ion:264 Resp: 1874427

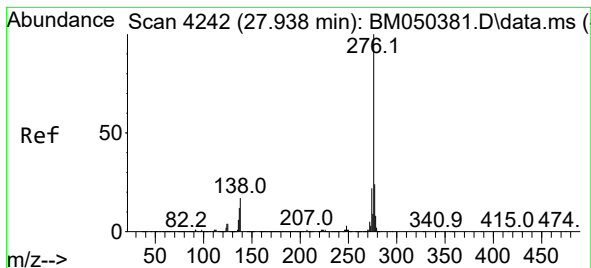
Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.4 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.377 ng

RT: 27.938 min Scan# 41

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

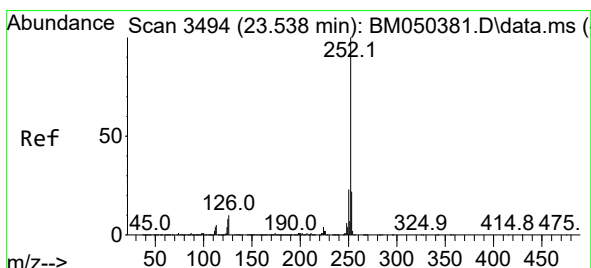
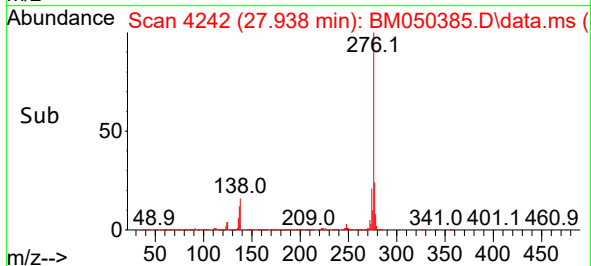
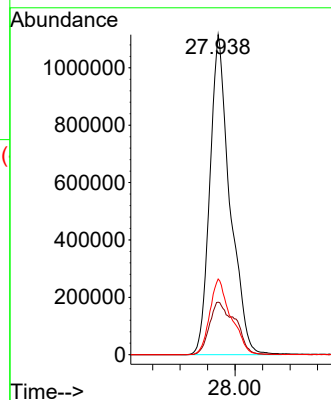
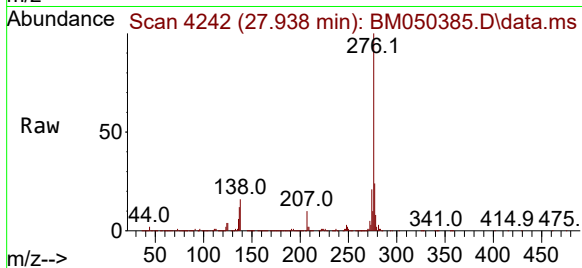
Tgt Ion:276 Resp: 5647629

Ion Ratio Lower Upper

276 100

138 21.1 17.0 25.6

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 42.558 ng

RT: 23.533 min Scan# 3493

Delta R.T. -0.006 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

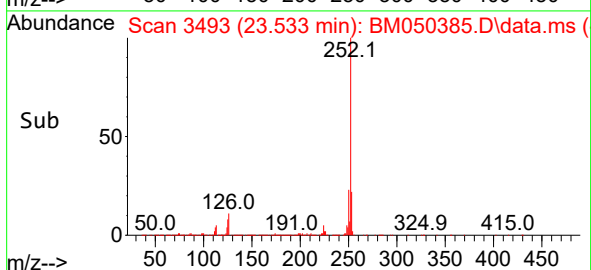
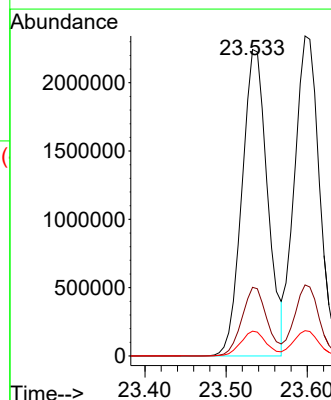
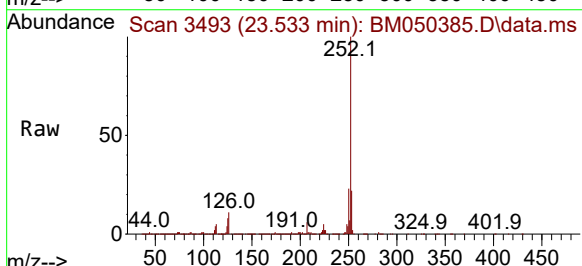
Tgt Ion:252 Resp: 4906807

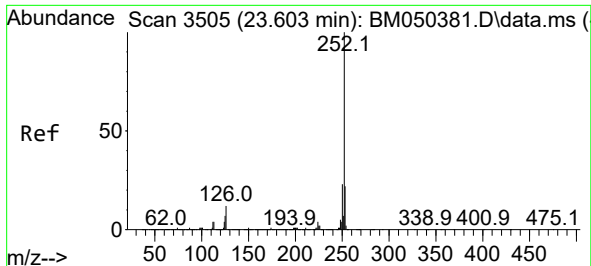
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 8.1 6.3 9.5

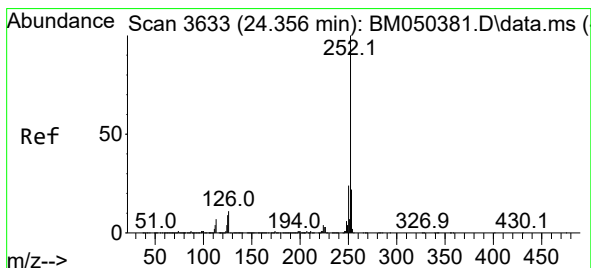
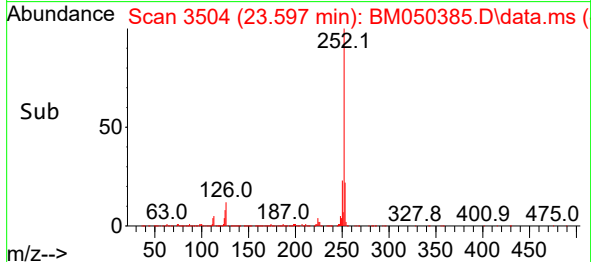
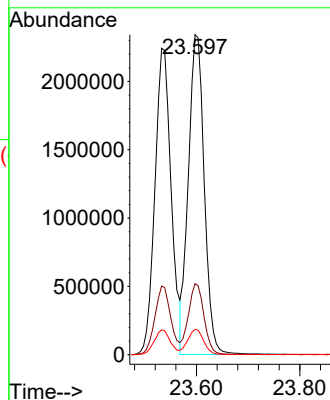
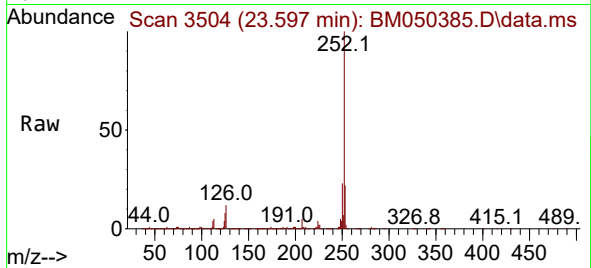




#89
Benzo(k)fluoranthene
Concen: 41.883 ng
RT: 23.597 min Scan# 3504
Delta R.T. -0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

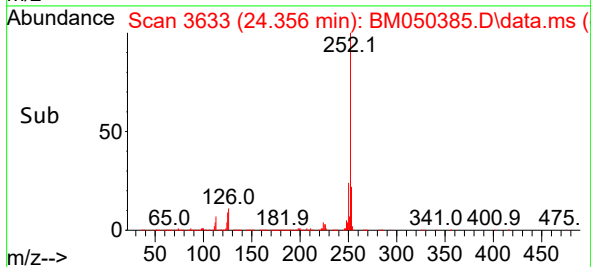
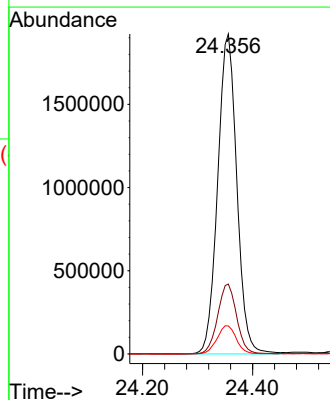
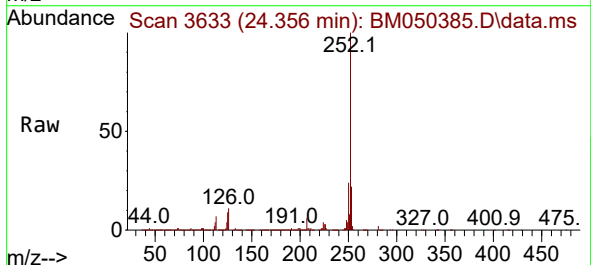
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

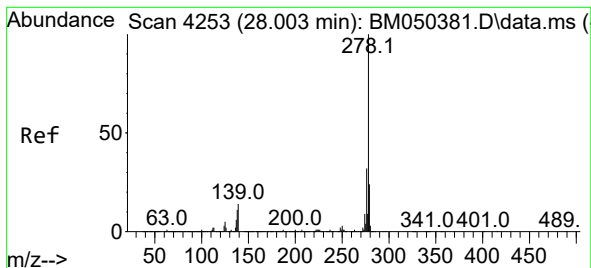
Tgt Ion:252 Resp: 5010695
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 7.9 6.2 9.2



#90
Benzo(a)pyrene
Concen: 42.933 ng
RT: 24.356 min Scan# 3633
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:252 Resp: 4633762
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 8.8 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 42.521 ng

RT: 28.003 min Scan# 4253

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

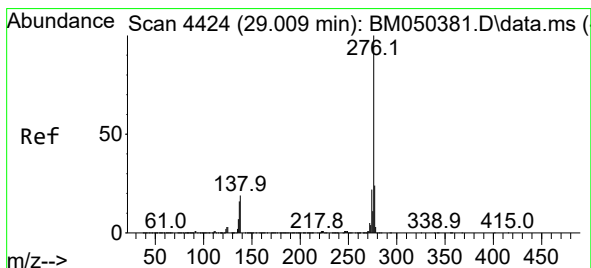
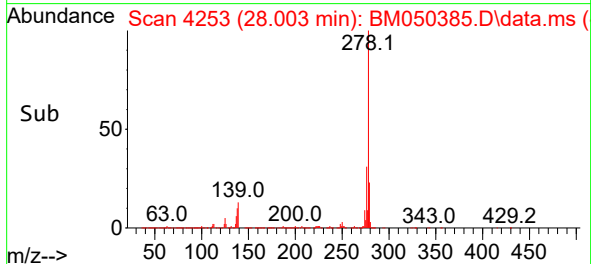
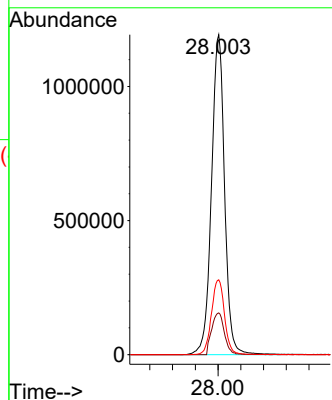
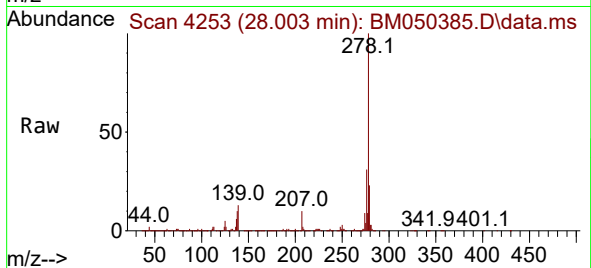
Tgt Ion:278 Resp: 4772470

Ion Ratio Lower Upper

278 100

139 13.1 10.8 16.2

279 23.4 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 42.197 ng

RT: 29.009 min Scan# 4424

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Tgt Ion:276 Resp: 4476118

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 18.2 14.9 22.3

