

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
 Data File : BM050398.D
 Acq On : 10 Jul 2025 20:39
 Operator : RC/JU
 Sample : Q2489-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G4(0-6)MS

Quant Time: Jul 11 01:27:10 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	593749	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	2296155	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	1504294	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	3001428	20.000	ng	0.00
76) Chrysene-d12	21.456	240	3160884	20.000	ng	0.00
86) Perylene-d12	24.491	264	2480587	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2224952	64.503	ng	0.00
7) Phenol-d6	7.022	99	1766993	40.636	ng	0.00
23) Nitrobenzene-d5	9.016	82	3788091	84.167	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	3016991	165.068	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	9817246	80.594	ng	0.00
79) Terphenyl-d14	19.839	244	13758226	76.583	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	237337	16.733	ng	99
3) Pyridine	3.734	79	601867	16.163	ng	99
4) n-Nitrosodimethylamine	3.640	42	338577	19.503	ng	# 97
6) Aniline	7.187	93	1533319	27.477	ng	99
8) 2-Chlorophenol	7.428	128	1362013	37.447	ng	98
9) Benzaldehyde	6.998	77	990975	38.311	ng	98
10) Phenol	7.045	94	653586	14.411	ng	100
11) bis(2-Chloroethyl)ether	7.281	93	1535846	42.285	ng	99
12) 1,3-Dichlorobenzene	7.751	146	1118342	25.287	ng	98
13) 1,4-Dichlorobenzene	7.898	146	1171030	25.931	ng	99
14) 1,2-Dichlorobenzene	8.216	146	1184052	27.386	ng	100
15) Benzyl Alcohol	8.098	79	993359	32.422	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.387	45	2080061	38.880	ng	100
17) 2-Methylphenol	8.298	107	955706	32.490	ng	99
18) Hexachloroethane	8.951	117	383987	24.177	ng	96
19) n-Nitroso-di-n-propyla...	8.669	70	1265497	48.041	ng	96
20) 3+4-Methylphenols	8.628	107	1175122	29.759	ng	99
22) Acetophenone	8.681	105	2548607	44.393	ng	97
24) Nitrobenzene	9.057	77	1726765	42.995	ng	98
25) Isophorone	9.592	82	3525997	48.281	ng	100
26) 2-Nitrophenol	9.769	139	815463	49.819	ng	98
27) 2,4-Dimethylphenol	9.834	122	1492881	42.861	ng	97
28) bis(2-Chloroethoxy)met...	10.069	93	2226233	46.004	ng	99
29) 2,4-Dichlorophenol	10.304	162	1642192	45.893	ng	98
30) 1,2,4-Trichlorobenzene	10.522	180	1457078	34.039	ng	100
31) Naphthalene	10.710	128	4450418	38.159	ng	99
32) Benzoic acid	9.922	122	314772	18.865	ng	97
33) 4-Chloroaniline	10.810	127	1494176	30.304	ng	99
34) Hexachlorobutadiene	11.004	225	762547	29.187	ng	99
35) Caprolactam	11.586	113	88450m	9.055	ng	
36) 4-Chloro-3-methylphenol	11.933	107	1504550	45.026	ng	97
37) 2-Methylnaphthalene	12.322	142	3273041	44.447	ng	99
38) 1-Methylnaphthalene	12.539	142	3475568	44.597	ng	99
40) 1,2,4,5-Tetrachloroben...	12.686	216	2158519	45.122	ng	100
41) Hexachlorocyclopentadiene	12.675	237	2202761	72.036	ng	100
43) 2,4,6-Trichlorophenol	12.922	196	1508438	51.227	ng	99

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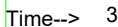
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	1654685	51.453	ng	98
46) 1,1'-Biphenyl	13.327	154	5134210	46.002	ng	99
47) 2-Chloronaphthalene	13.369	162	3996208	44.908	ng	99
48) 2-Nitroaniline	13.563	65	1097792	55.269	ng	95
49) Acenaphthylene	14.216	152	6502221	48.349	ng	99
50) Dimethylphthalate	13.951	163	5492602	53.034	ng	100
51) 2,6-Dinitrotoluene	14.063	165	1097204	55.177	ng	96
52) Acenaphthene	14.557	154	4658542m	54.486	ng	
53) 3-Nitroaniline	14.386	138	793223	37.509	ng	99
54) 2,4-Dinitrophenol	14.592	184	1268000	112.711	ng	# 85
55) Dibenzofuran	14.892	168	6291245	47.756	ng	99
56) 4-Nitrophenol	14.686	139	727022	39.976	ng	96
57) 2,4-Dinitrotoluene	14.845	165	1577324	52.704	ng	97
58) Fluorene	15.539	166	5530046	50.964	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	1477699	54.585	ng	98
60) Diethylphthalate	15.316	149	5128680	51.841	ng	100
61) 4-Chlorophenyl-phenyle...	15.533	204	2922679	51.511	ng	97
62) 4-Nitroaniline	15.545	138	1172268	48.205	ng	98
63) Azobenzene	15.821	77	4738176	52.158	ng	98
65) 4,6-Dinitro-2-methylph...	15.604	198	851588	52.140	ng	97
66) n-Nitrosodiphenylamine	15.745	169	4656336	49.578	ng	100
67) 4-Bromophenyl-phenylether	16.421	248	1727958	52.253	ng	100
68) Hexachlorobenzene	16.539	284	1997235	51.137	ng	96
69) Atrazine	16.692	200	1702330	55.199	ng	100
70) Pentachlorophenol	16.874	266	2906548	119.545	ng	99
71) Phenanthrene	17.268	178	8458203	49.802	ng	99
72) Anthracene	17.362	178	8602361	50.884	ng	99
73) Carbazole	17.621	167	7985603	52.205	ng	99
74) Di-n-butylphthalate	18.198	149	9347956	55.833	ng	99
75) Fluoranthene	19.274	202	10212191	55.311	ng	99
77) Benzidine	19.451	184	5021242	62.281	ng	100
78) Pyrene	19.639	202	10584561	52.285	ng	100
80) Butylbenzylphthalate	20.533	149	4212458	63.107	ng	98
81) Benzo(a)anthracene	21.439	228	10652130	51.721	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	3348107	48.206	ng	100
83) Chrysene	21.497	228	9862925	50.772	ng	99
84) Bis(2-ethylhexyl)phtha...	21.368	149	6463875	61.000	ng	97
85) Di-n-octyl phthalate	22.521	149	10297978	62.050	ng	98
87) Indeno(1,2,3-cd)pyrene	27.932	276	7968564	45.182	ng	# 93
88) Benzo(b)fluoranthene	23.533	252	8758935	57.405	ng	100
89) Benzo(k)fluoranthene	23.597	252	8704573	54.980	ng	100
90) Benzo(a)pyrene	24.350	252	7714979	54.014	ng	100
91) Dibenzo(a,h)anthracene	27.997	278	6728546	45.300	ng	99
92) Benzo(g,h,i)perylene	29.003	276	6186792	44.072	ng	99

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

G4(0-6)MS

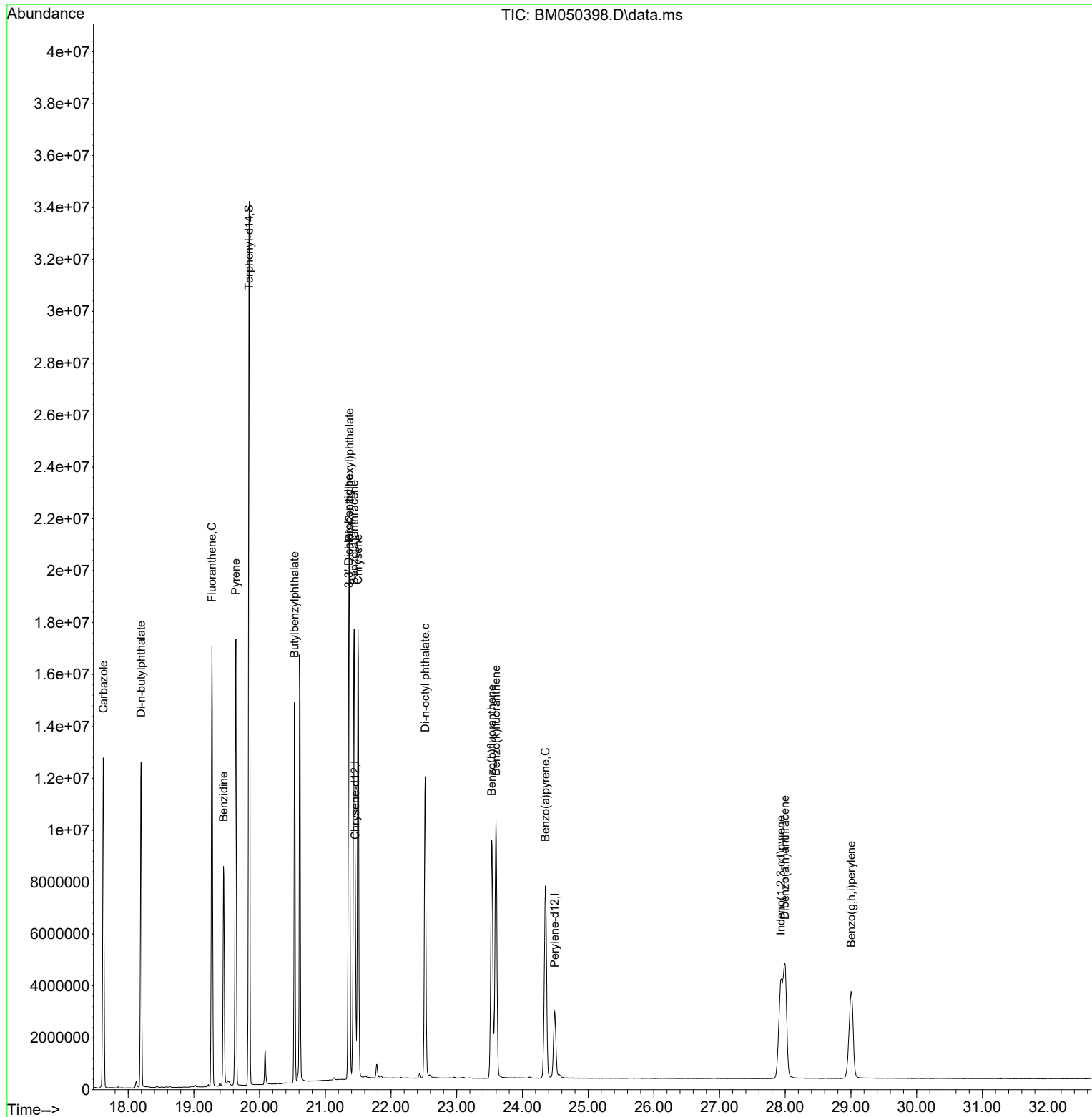
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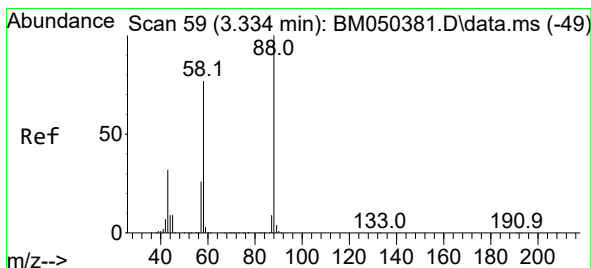
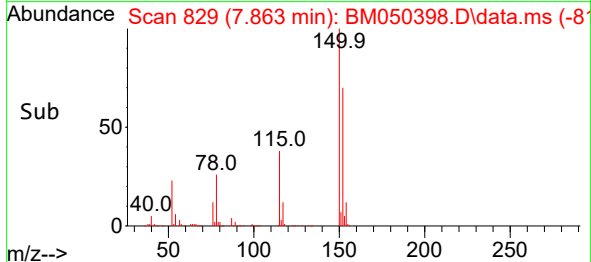
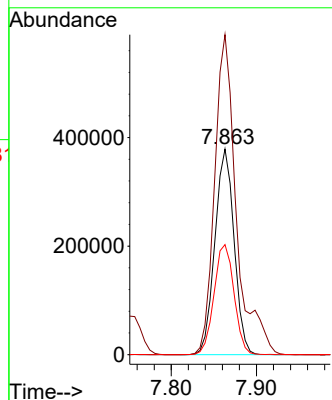
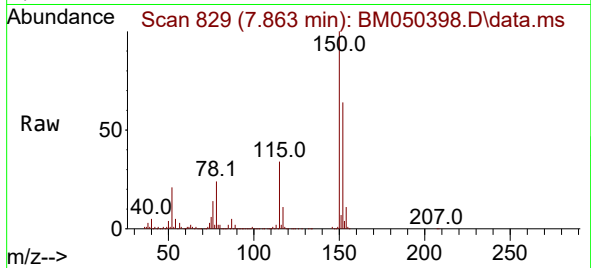




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.863 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM050398.D
 Acq: 10 Jul 2025 20:39

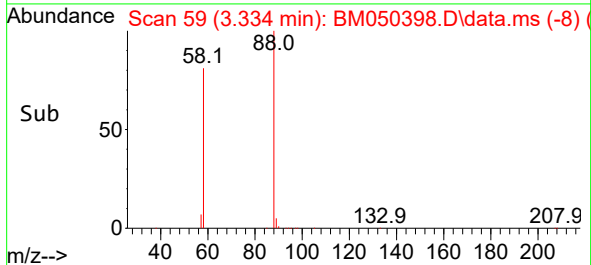
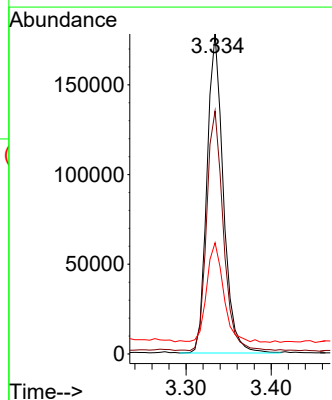
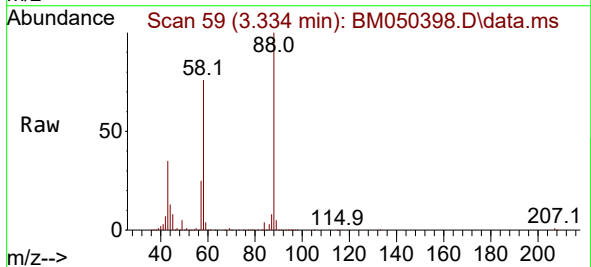
Instrument :
 BNA_M
 ClientSampleId :
 G4(0-6)MS

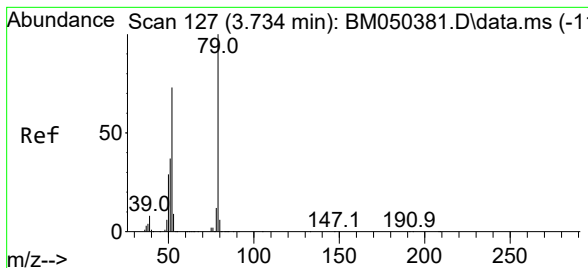
Tgt Ion:152 Resp: 593749
 Ion Ratio Lower Upper
 152 100
 150 155.6 126.2 189.4
 115 53.6 45.8 68.8



#2
 1,4-Dioxane
 Concen: 16.733 ng
 RT: 3.334 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: BM050398.D
 Acq: 10 Jul 2025 20:39

Tgt Ion: 88 Resp: 237337
 Ion Ratio Lower Upper
 88 100
 58 75.9 61.0 91.6
 43 32.2 24.6 37.0





#3

Pyridine

Concen: 16.163 ng

RT: 3.734 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM050398.D

Acq: 10 Jul 2025 20:39

Instrument :

BNA_M

ClientSampleId :

G4(0-6)MS

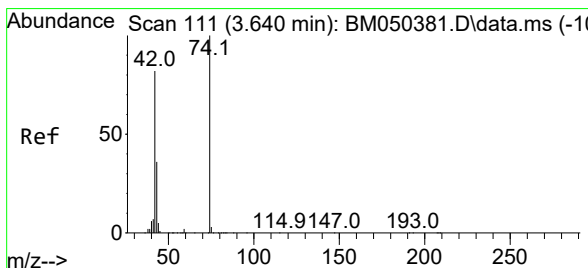
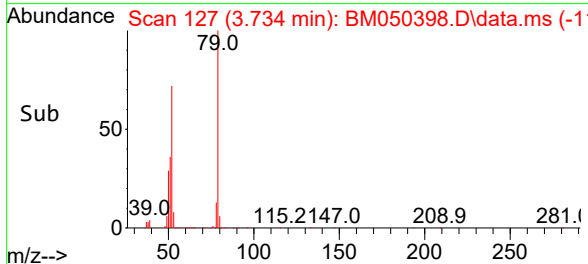
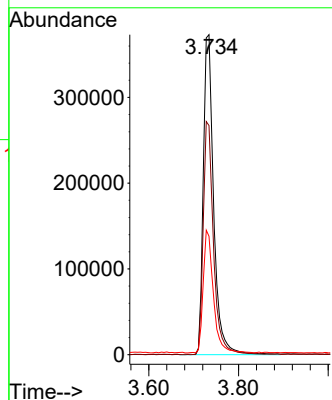
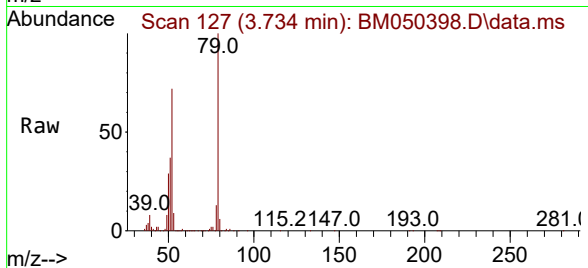
Tgt Ion: 79 Resp: 601867

Ion Ratio Lower Upper

79 100

52 71.6 58.3 87.5

51 37.0 29.6 44.4



#4

n-Nitrosodimethylamine

Concen: 19.503 ng

RT: 3.640 min Scan# 111

Delta R.T. 0.000 min

Lab File: BM050398.D

Acq: 10 Jul 2025 20:39

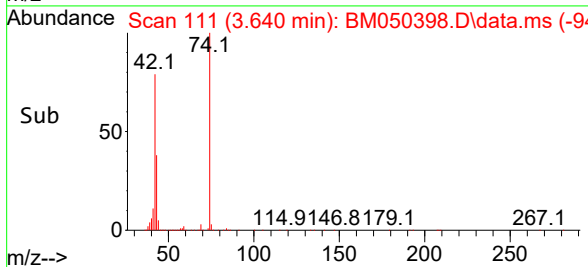
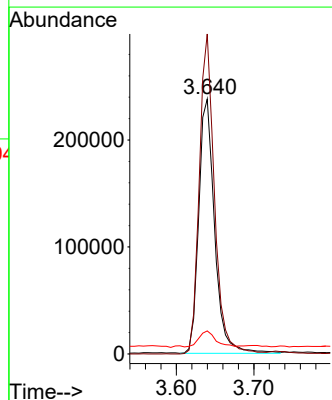
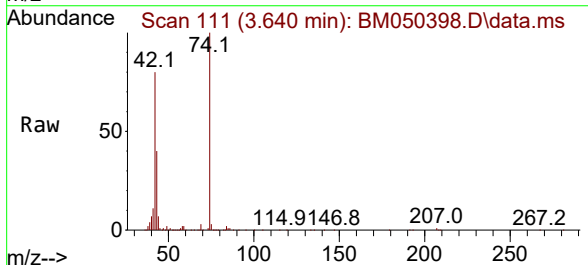
Tgt Ion: 42 Resp: 338577

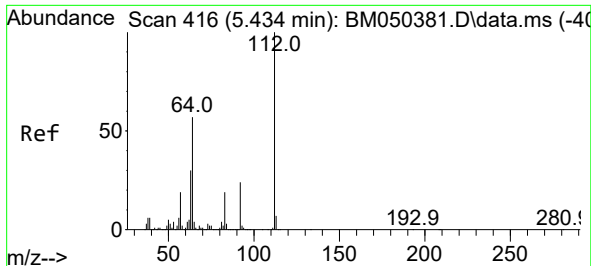
Ion Ratio Lower Upper

42 100

74 125.5 97.5 146.3

44 9.0 5.7 8.5

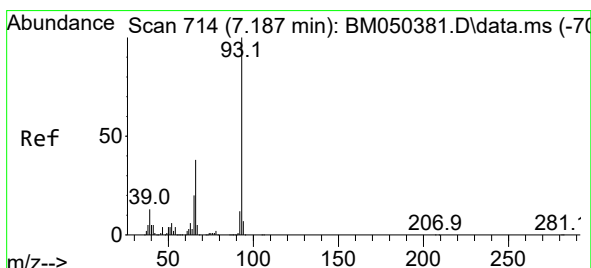
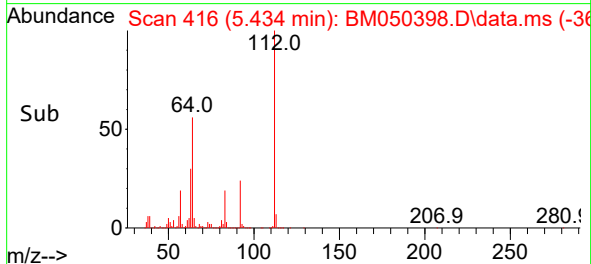
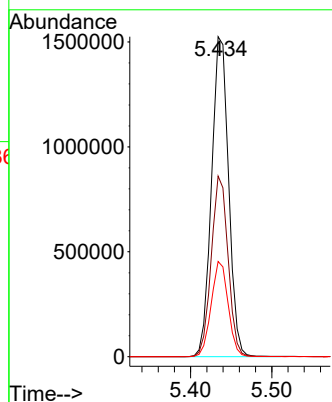
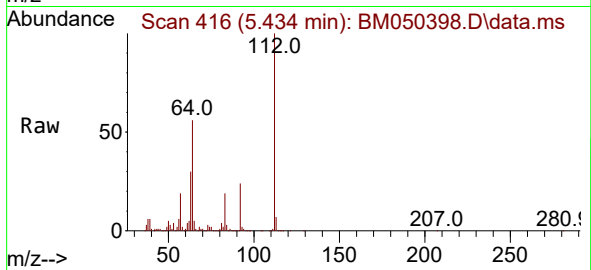




#5
2-Fluorophenol
Concen: 64.503 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

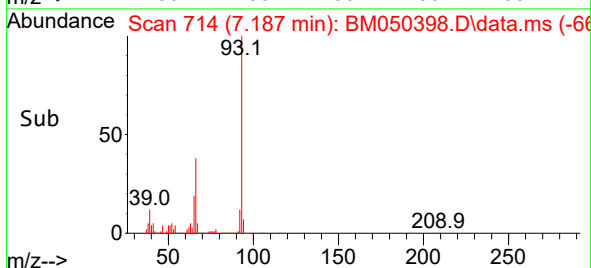
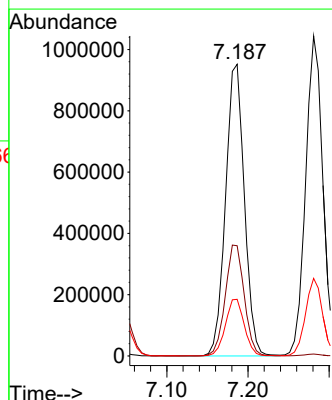
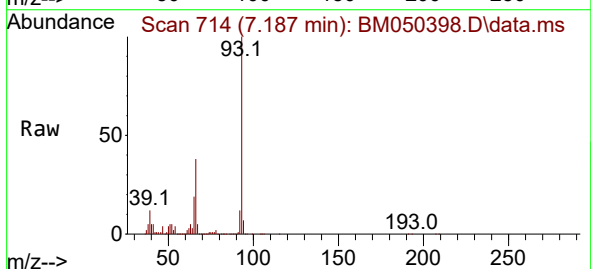
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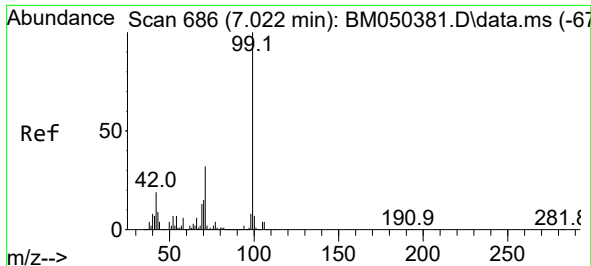
Tgt Ion:112 Resp: 2224952
Ion Ratio Lower Upper
112 100
64 56.4 45.5 68.3
63 29.8 24.2 36.4



#6
Aniline
Concen: 27.477 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Tgt Ion: 93 Resp: 1533319
Ion Ratio Lower Upper
93 100
66 37.8 30.5 45.7
65 19.4 15.9 23.9



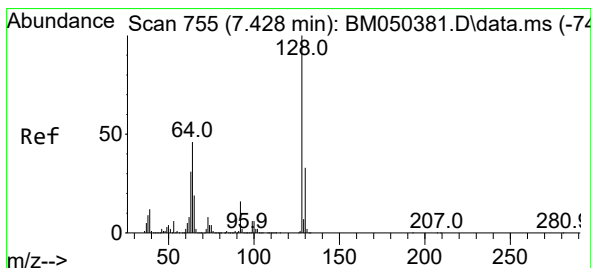
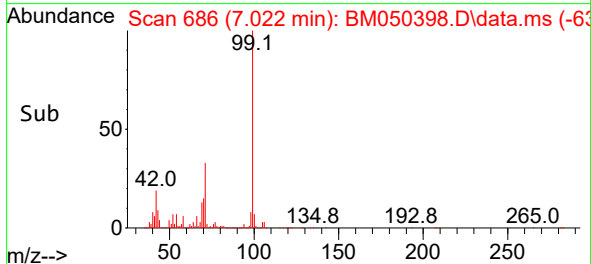
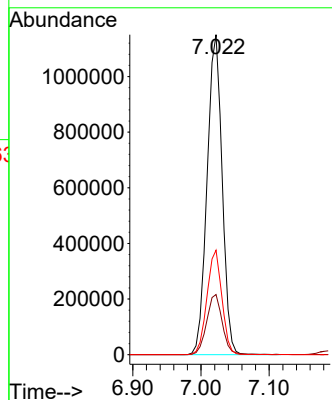
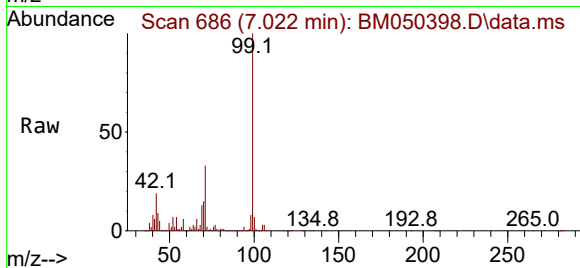


#7
Phenol-d6
Concen: 40.636 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
Lab File: BM050398.D
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Tgt Ion: 99 Resp: 1766993

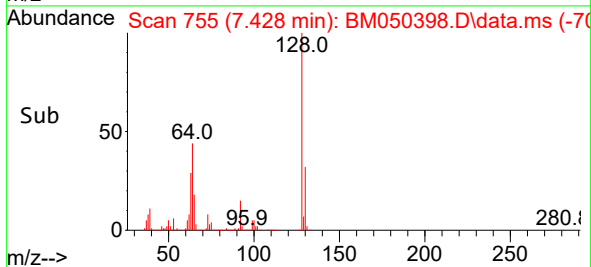
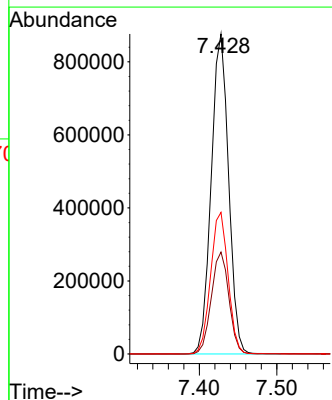
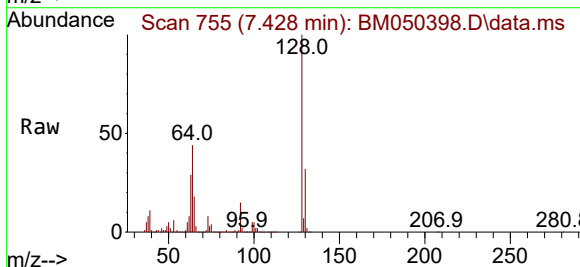
Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.0	22.6
71	32.7	25.9	38.9

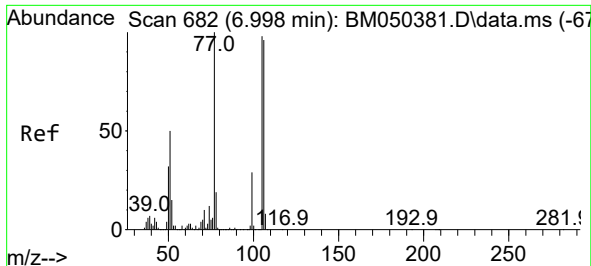


#8
2-Chlorophenol
Concen: 37.447 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Tgt Ion:128 Resp: 1362013

Ion	Ratio	Lower	Upper
128	100		
130	31.8	13.3	53.3
64	44.2	25.6	65.6

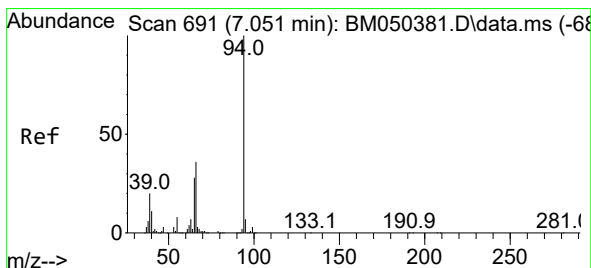
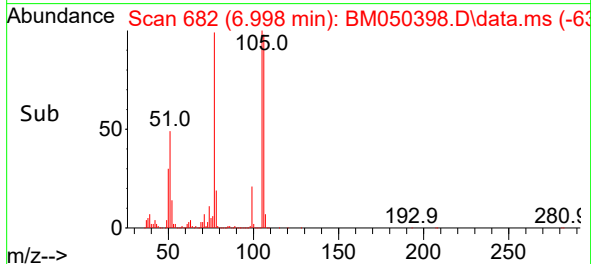
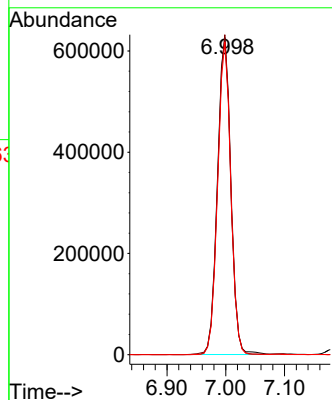
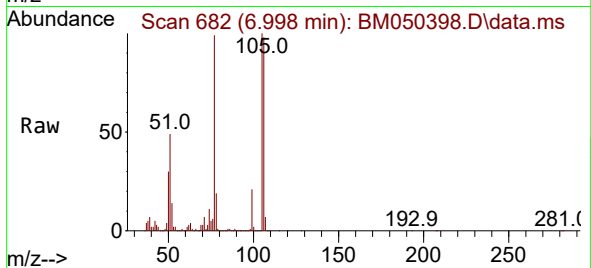




#9
Benzaldehyde
Concen: 38.311 ng
RT: 6.998 min Scan# 682
Delta R.T. 0.000 min
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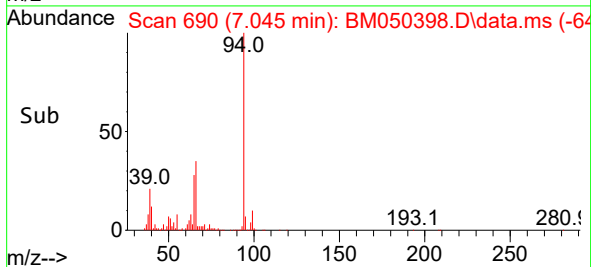
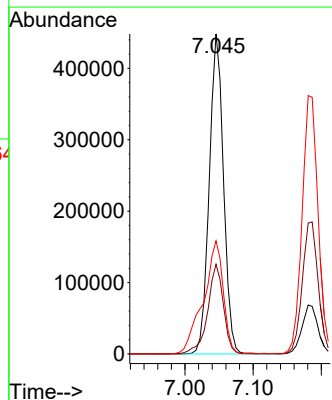
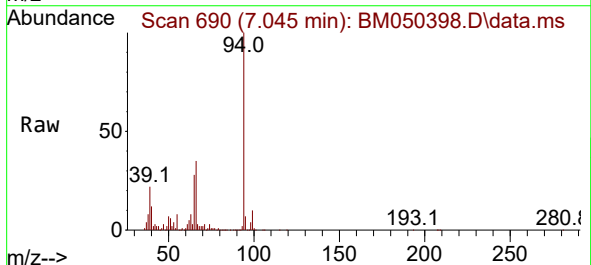
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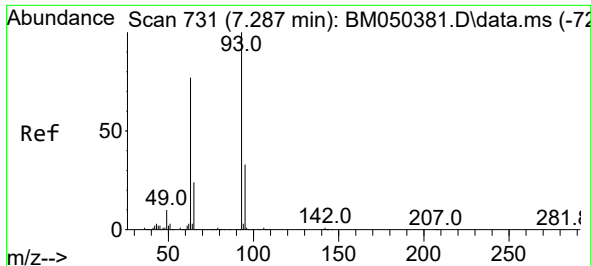
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Ion Ratio Lower Upper
77 100
105 100.9 78.4 118.4
106 98.6 76.3 116.3



#10
Phenol
Concen: 14.411 ng
RT: 7.045 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Tgt Ion: 94 Resp: 653586
Ion Ratio Lower Upper
94 100
65 28.0 8.1 48.1
66 35.4 15.8 55.8

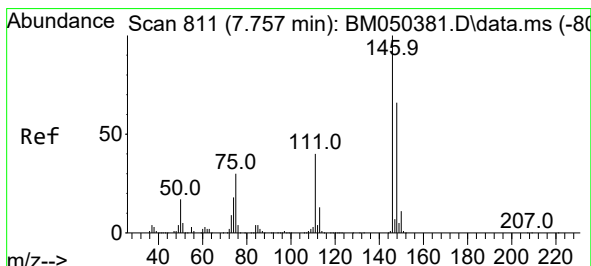
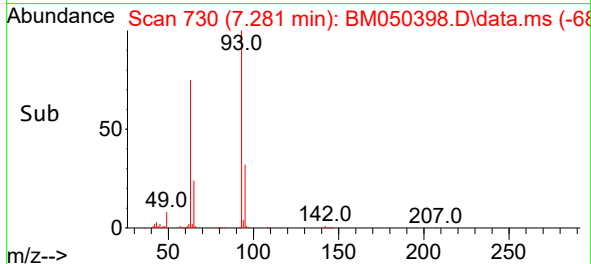
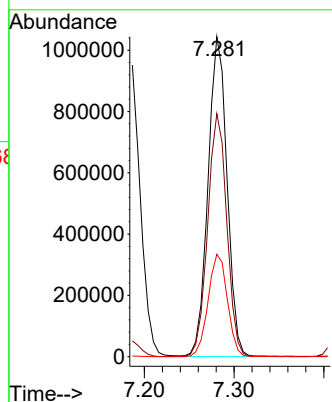
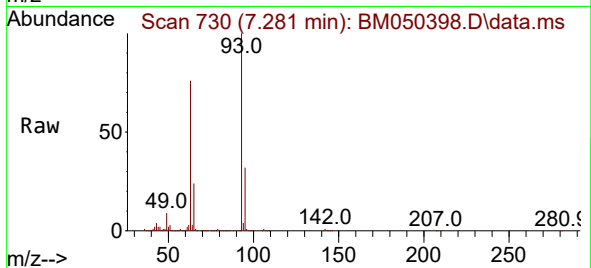




#11
bis(2-Chloroethyl)ether
Concen: 42.285 ng
RT: 7.281 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

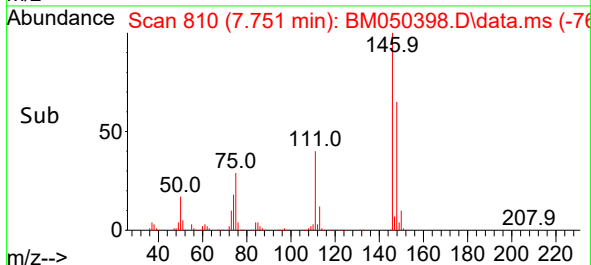
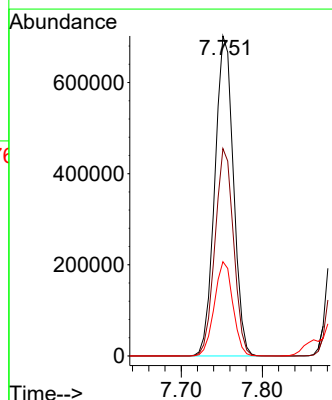
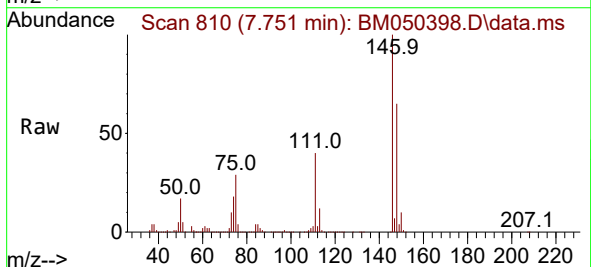
Instrument :
BNA_M
ClientSampleId :
G4(0-6)MS

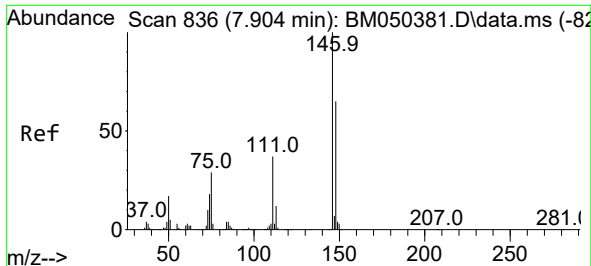
Tgt Ion: 93 Resp: 1535846
Ion Ratio Lower Upper
93 100
63 75.9 56.9 96.9
95 32.0 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 25.287 ng
RT: 7.751 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Tgt Ion:146 Resp: 1118342
Ion Ratio Lower Upper
146 100
148 64.8 53.2 79.8
75 29.5 23.9 35.9

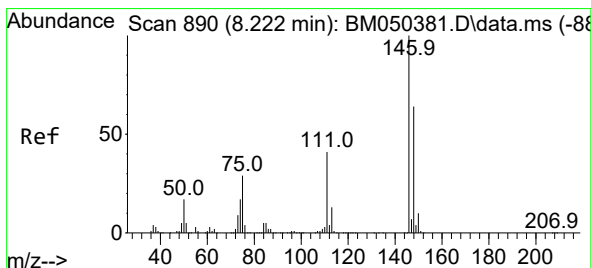
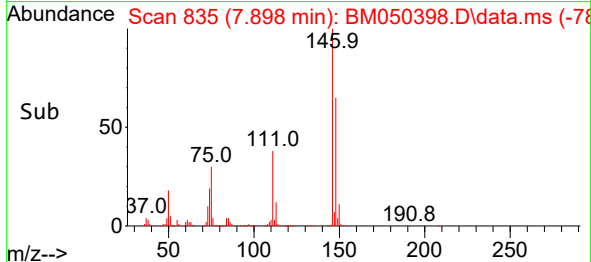
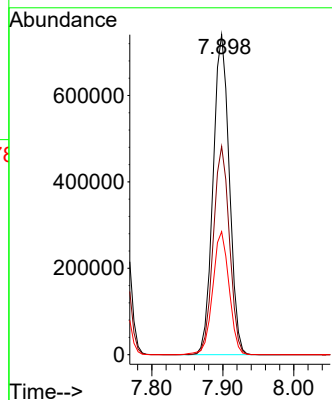
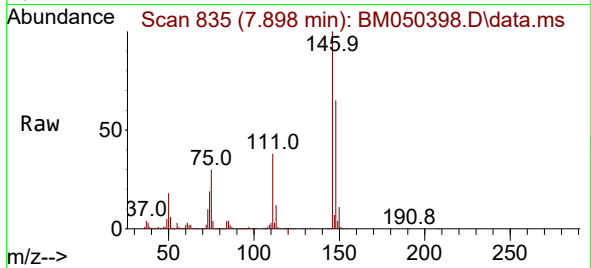




#13
1,4-Dichlorobenzene
Concen: 25.931 ng
RT: 7.898 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

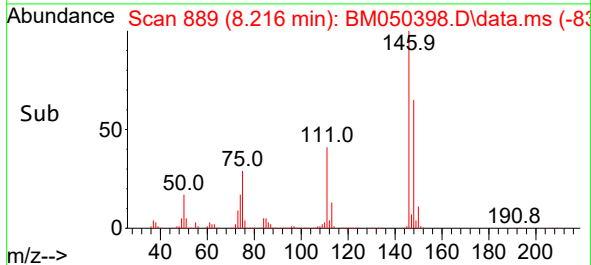
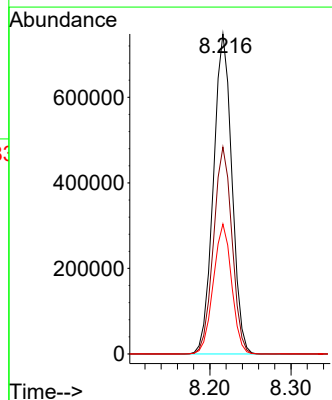
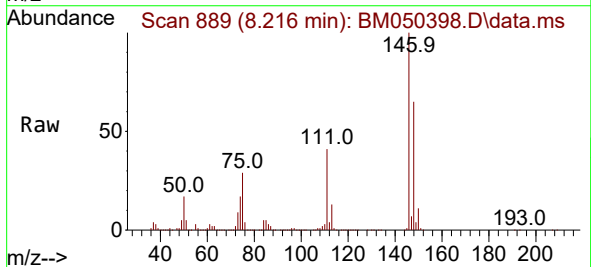
Instrument :
BNA_M
ClientSampleId :
G4(0-6)MS

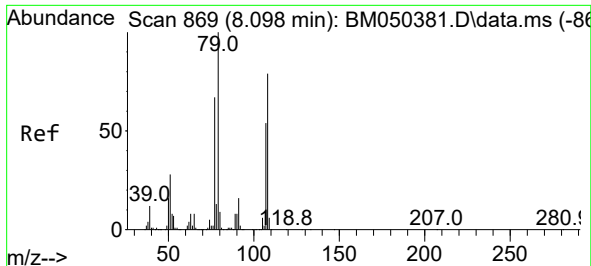
Tgt Ion:146 Resp: 1171030
Ion Ratio Lower Upper
146 100
148 65.1 51.9 77.9
111 38.5 30.0 45.0



#14
1,2-Dichlorobenzene
Concen: 27.386 ng
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Tgt Ion:146 Resp: 1184052
Ion Ratio Lower Upper
146 100
148 64.7 51.5 77.3
111 40.6 32.6 49.0

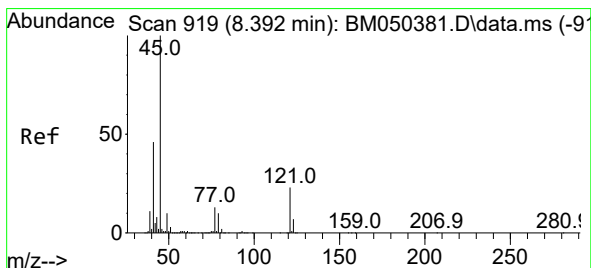
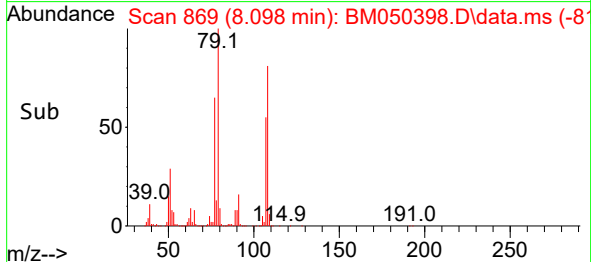
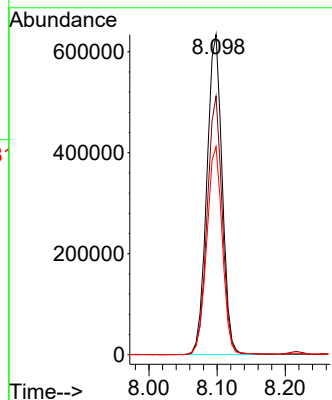
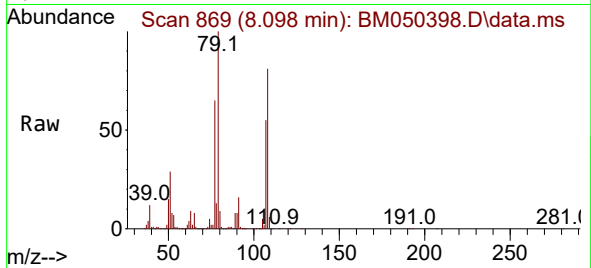




#15
Benzyl Alcohol
Concen: 32.422 ng
RT: 8.098 min Scan# 869
Delta R.T. 0.000 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

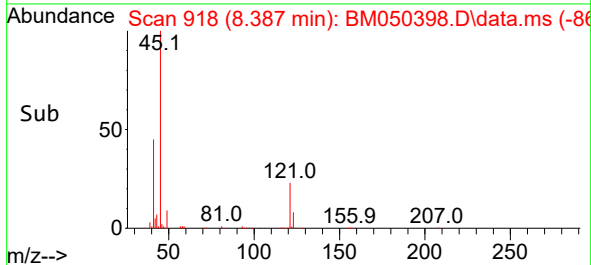
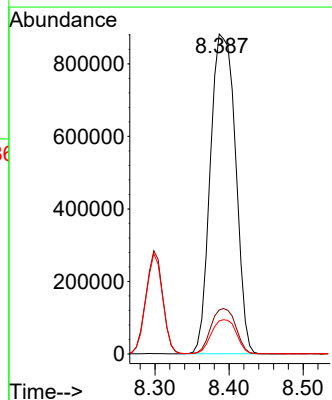
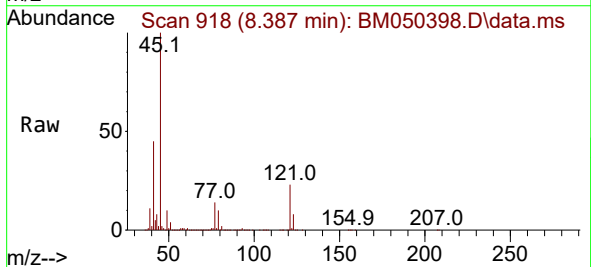
Instrument :
BNA_M
ClientSampleId :
G4(0-6)MS

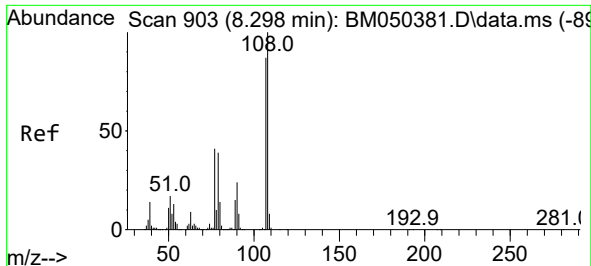
Tgt Ion: 79 Resp: 993359
Ion Ratio Lower Upper
79 100
108 80.7 63.0 94.4
77 65.0 53.4 80.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.880 ng
RT: 8.387 min Scan# 918
Delta R.T. -0.006 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Tgt Ion: 45 Resp: 2080061
Ion Ratio Lower Upper
45 100
77 13.8 0.0 33.5
79 10.3 0.0 30.3



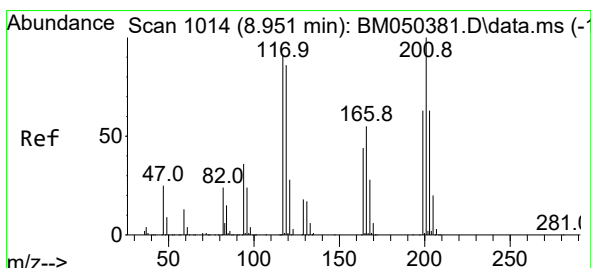
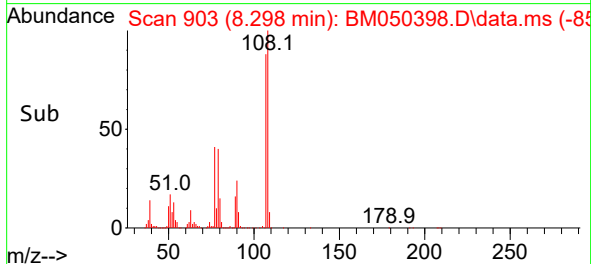
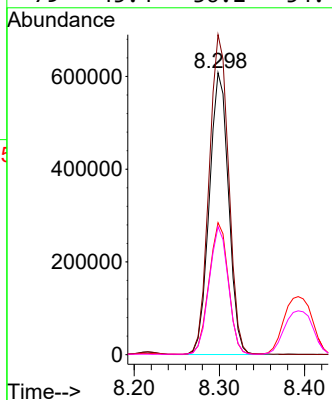
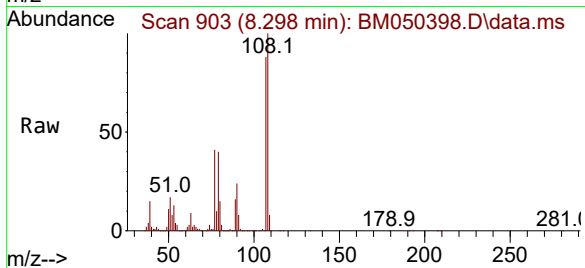


#17
2-Methylphenol
Concen: 32.490 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.000 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Instrument :
BNA_M
ClientSampleId :
G4(0-6)MS

Tgt Ion:107 Resp: 955706

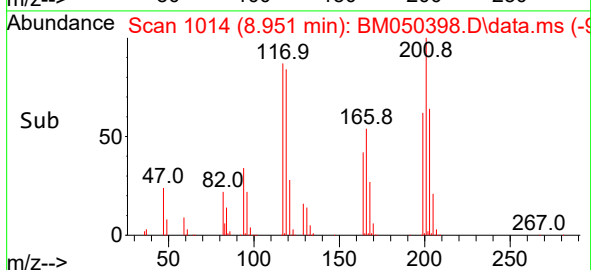
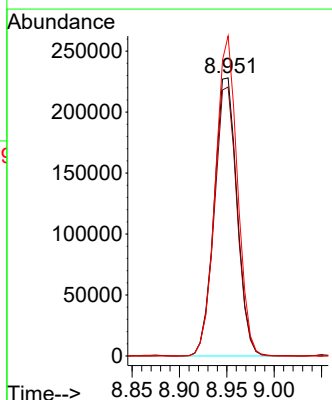
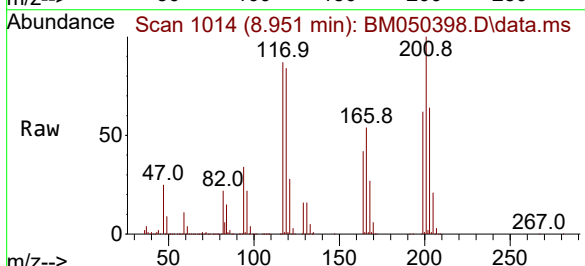
Ion	Ratio	Lower	Upper
107	100		
108	113.5	92.1	138.1
77	46.8	38.2	57.4
79	45.4	36.2	54.4

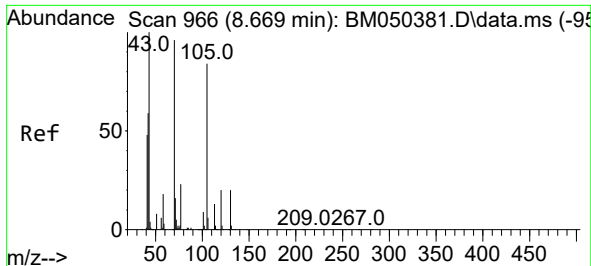


#18
Hexachloroethane
Concen: 24.177 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Tgt Ion:117 Resp: 383987

Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.6	113.4
201	115.1	87.9	131.9



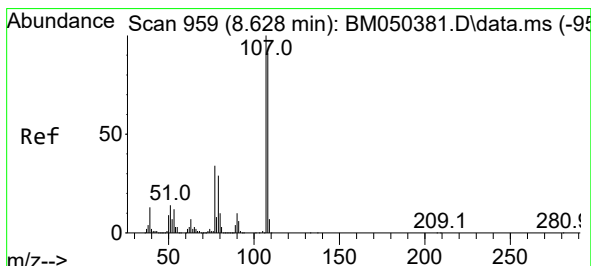
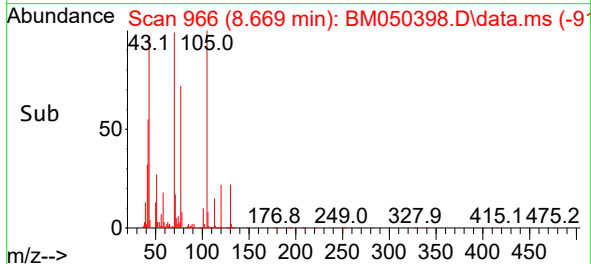
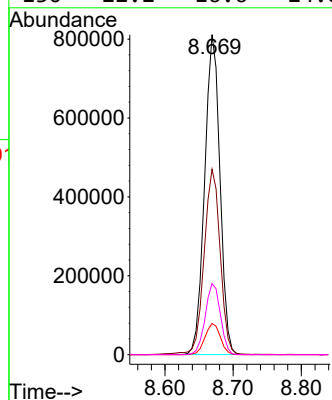
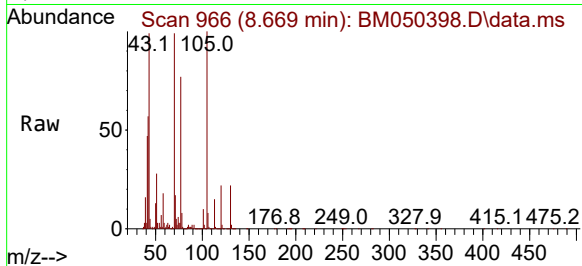


#19
n-Nitroso-di-n-propylamine
Concen: 48.041 ng
RT: 8.669 min Scan# 966
Delta R.T. 0.000 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Instrument :
BNA_M
ClientSampleId :
G4(0-6)MS

Tgt Ion: 70 Resp: 1265497

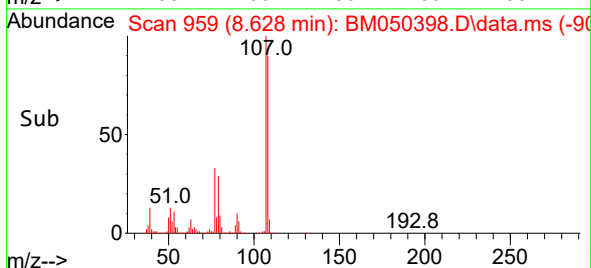
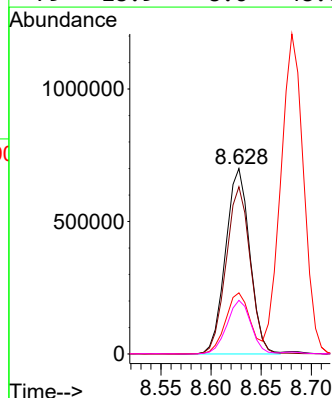
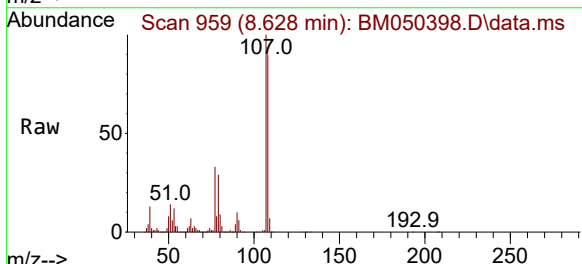
Ion	Ratio	Lower	Upper
70	100		
42	57.9	49.7	74.5
101	9.8	7.7	11.5
130	22.2	16.6	24.8

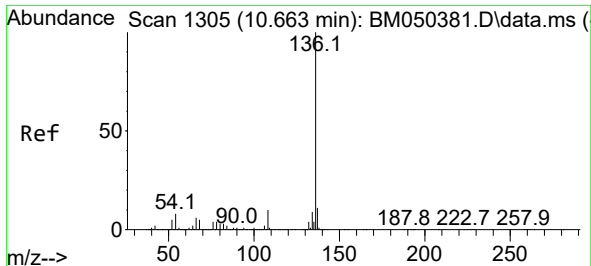


#20
3+4-Methylphenols
Concen: 29.759 ng
RT: 8.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Tgt Ion: 107 Resp: 1175122

Ion	Ratio	Lower	Upper
107	100		
108	90.2	71.5	111.5
77	33.0	13.7	53.7
79	28.9	8.6	48.6

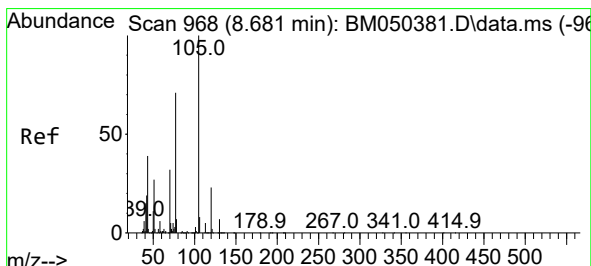
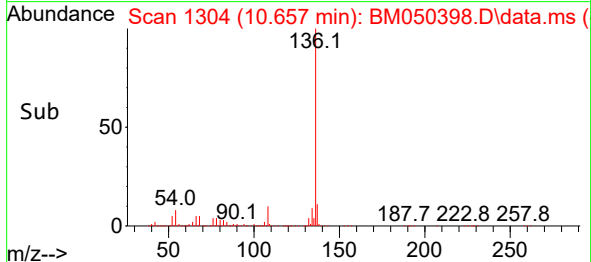
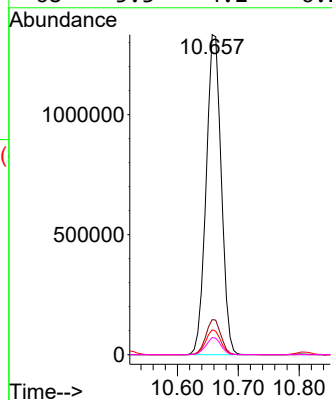
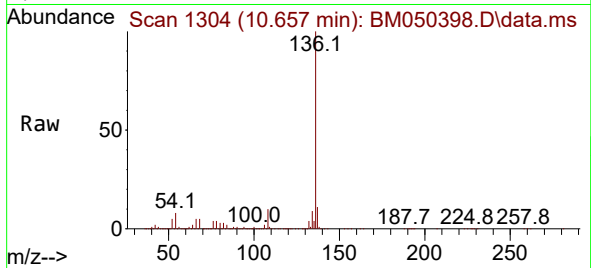




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

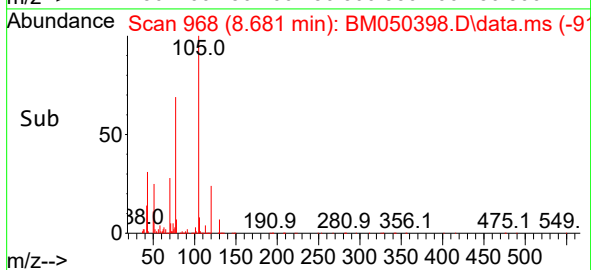
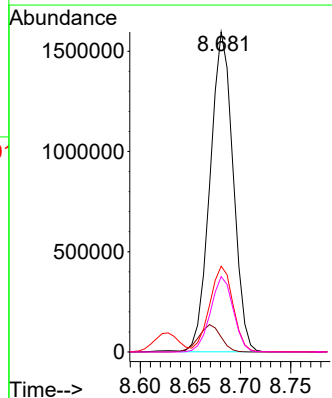
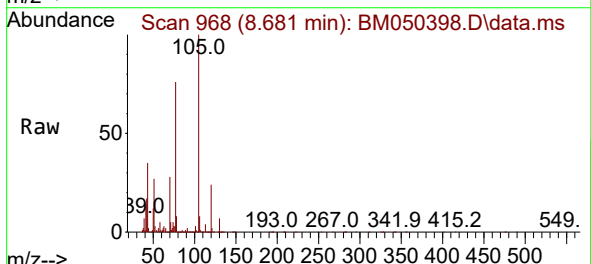
Instrument :
BNA_M
ClientSampleId :
G4(0-6)MS

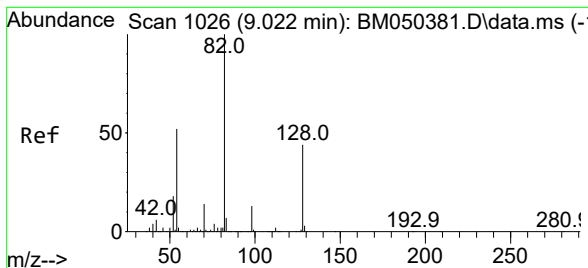
Tgt Ion:136 Resp: 2296155
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.7 6.3 9.5
68 5.3 4.2 6.2



#22
Acetophenone
Concen: 44.393 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Tgt Ion:105 Resp: 2548607
Ion Ratio Lower Upper
105 100
71 4.6 4.4 6.6
51 26.8 23.0 34.6
120 23.6 18.3 27.5

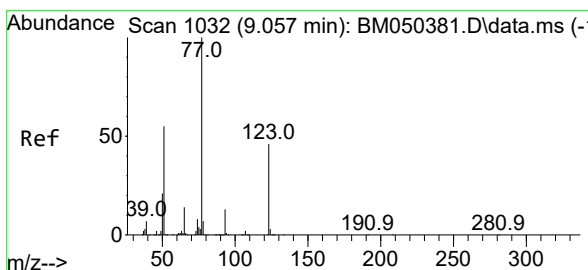
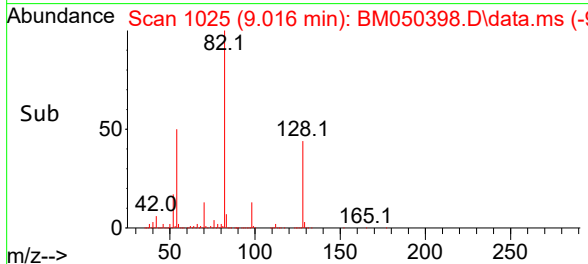
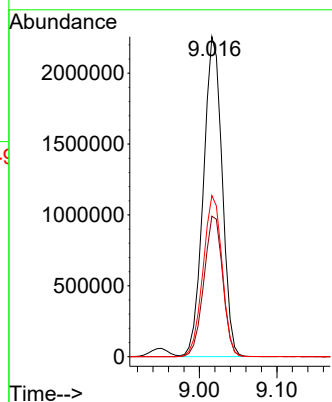
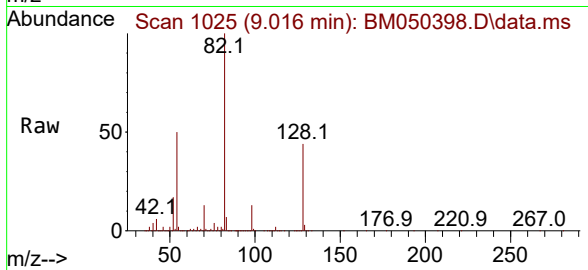




#23
Nitrobenzene-d5
Concen: 84.167 ng
RT: 9.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

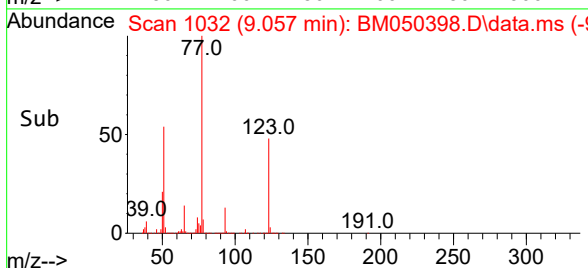
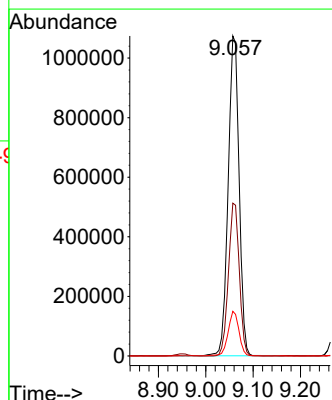
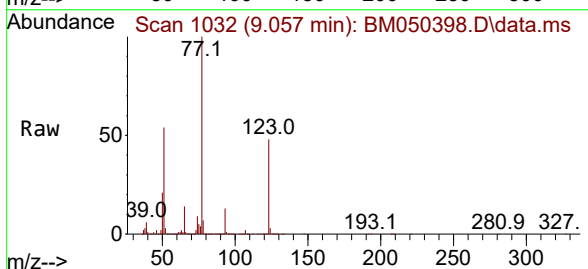
Instrument :
BNA_M
ClientSampleId :
G4(0-6)MS

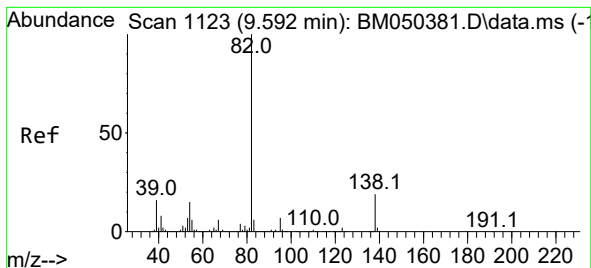
Tgt Ion: 82 Resp: 3788091
Ion Ratio Lower Upper
82 100
128 43.9 35.2 52.8
54 50.4 41.5 62.3



#24
Nitrobenzene
Concen: 42.995 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Tgt Ion: 77 Resp: 1726765
Ion Ratio Lower Upper
77 100
123 47.8 37.0 55.6
65 13.9 11.0 16.4





#25

Isophorone

Concen: 48.281 ng

RT: 9.592 min Scan# 1123

Delta R.T. 0.000 min

Lab File: BM050398.D

Acq: 10 Jul 2025 20:39

Instrument :

BNA_M

ClientSampleId :

G4(0-6)MS

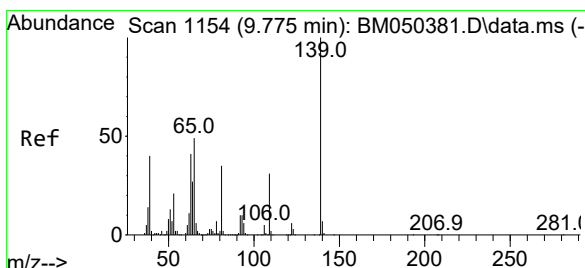
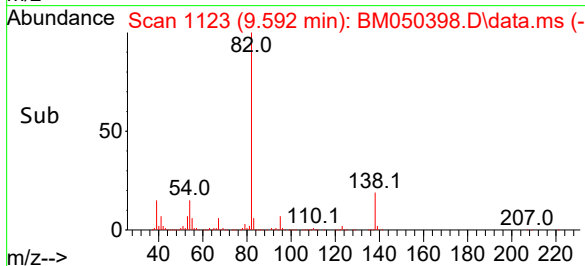
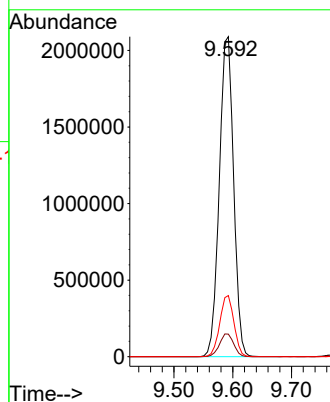
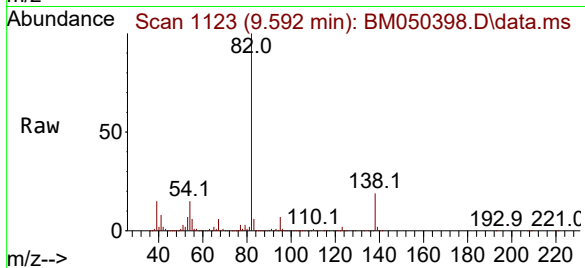
Tgt Ion: 82 Resp: 3525997

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

138 19.1 15.3 22.9



#26

2-Nitrophenol

Concen: 49.819 ng

RT: 9.769 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BM050398.D

Acq: 10 Jul 2025 20:39

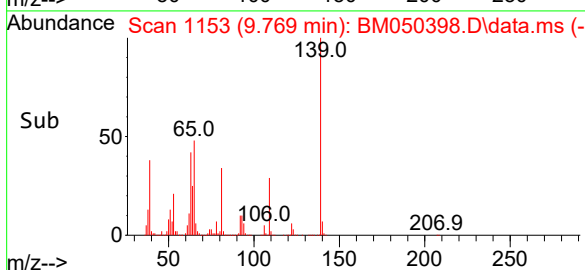
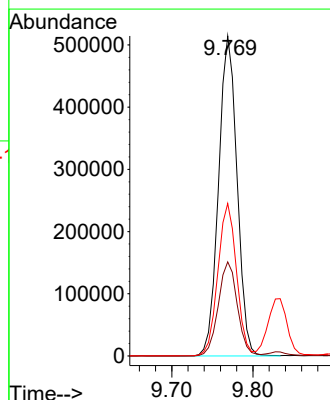
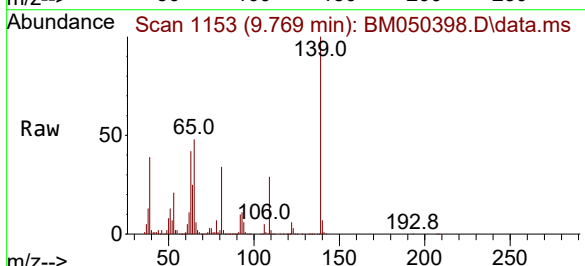
Tgt Ion:139 Resp: 815463

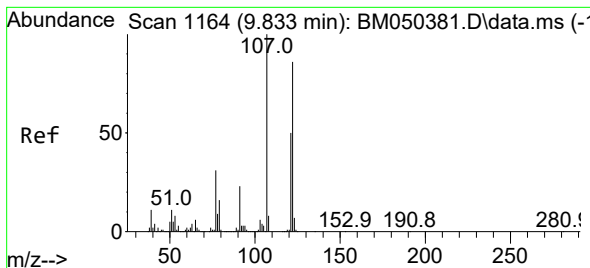
Ion Ratio Lower Upper

139 100

109 29.4 24.6 36.8

65 47.6 39.2 58.8

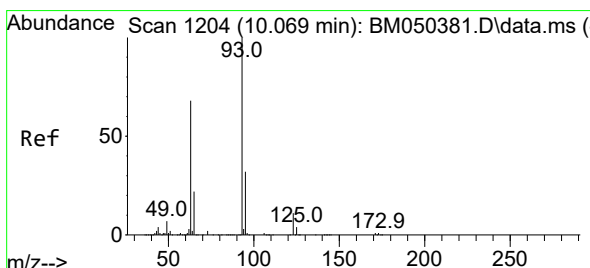
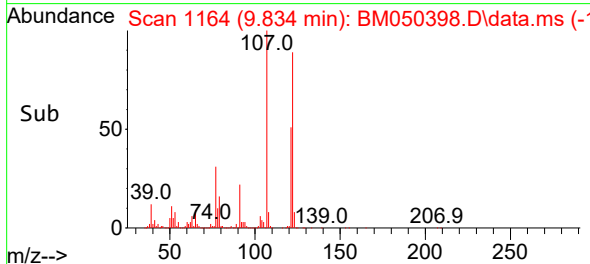
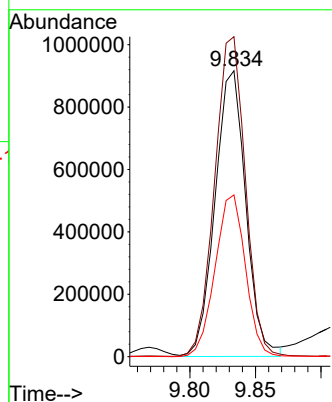
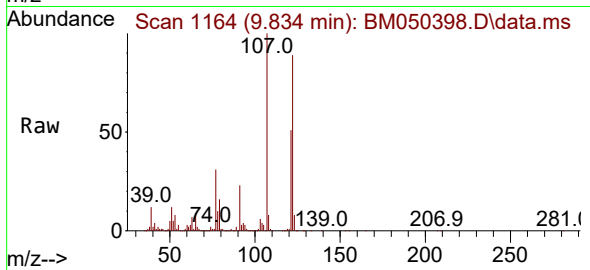




#27
2,4-Dimethylphenol
Concen: 42.861 ng
RT: 9.834 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

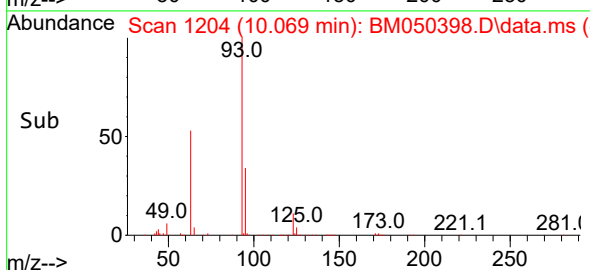
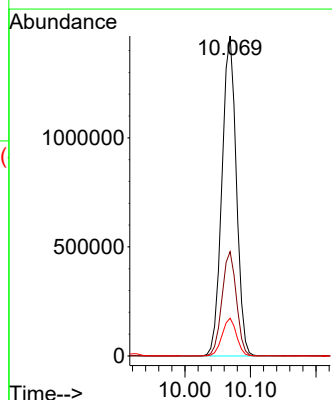
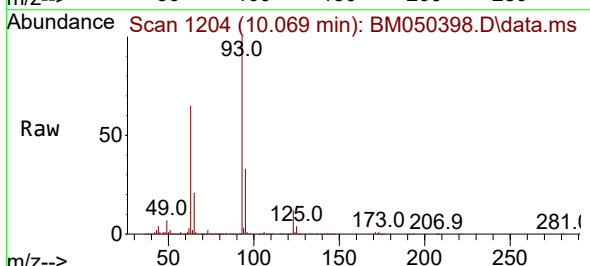
Instrument :
BNA_M
ClientSampleId :
G4(0-6)MS

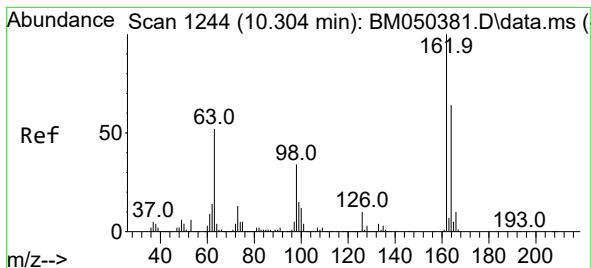
Tgt Ion:122 Resp: 1492881
Ion Ratio Lower Upper
122 100
107 111.9 93.0 139.6
121 56.6 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 46.004 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Tgt Ion: 93 Resp: 2226233
Ion Ratio Lower Upper
93 100
95 32.6 25.8 38.6
123 11.8 9.1 13.7

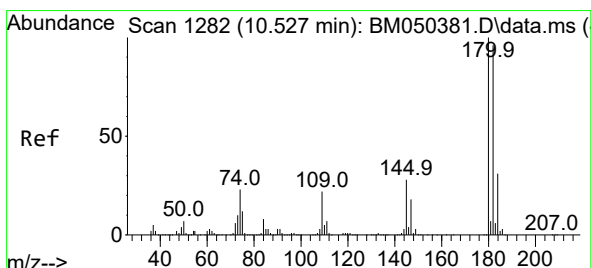
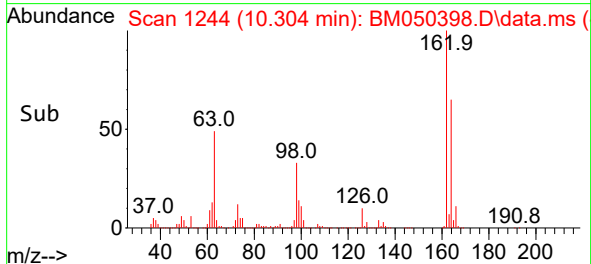
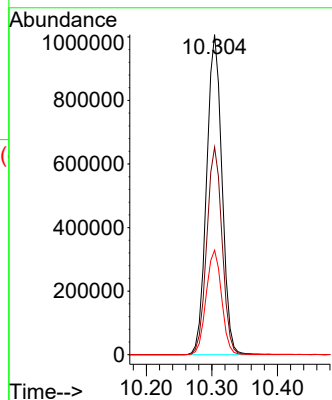
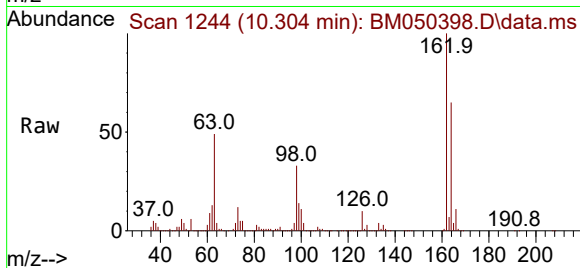




#29
2,4-Dichlorophenol
Concen: 45.893 ng
RT: 10.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

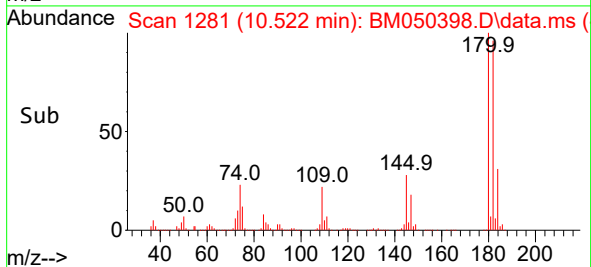
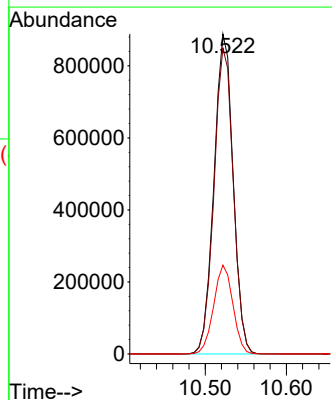
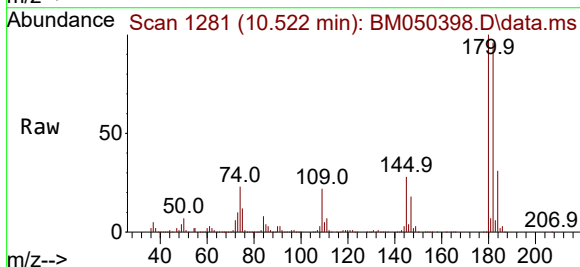
Instrument :
BNA_M
ClientSampleId :
G4(0-6)MS

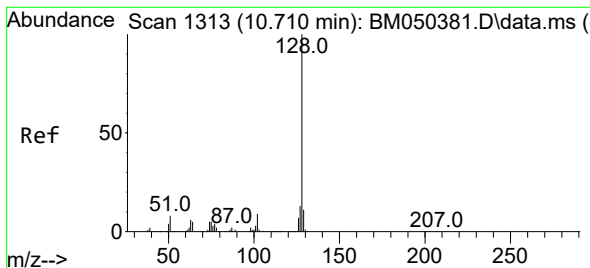
Tgt Ion:162 Resp: 1642192
Ion Ratio Lower Upper
162 100
164 64.9 43.7 83.7
98 32.7 13.7 53.7



#30
1,2,4-Trichlorobenzene
Concen: 34.039 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Tgt Ion:180 Resp: 1457078
Ion Ratio Lower Upper
180 100
182 95.6 76.8 115.2
145 27.7 22.6 33.8

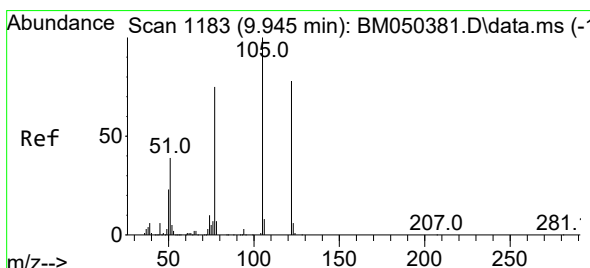
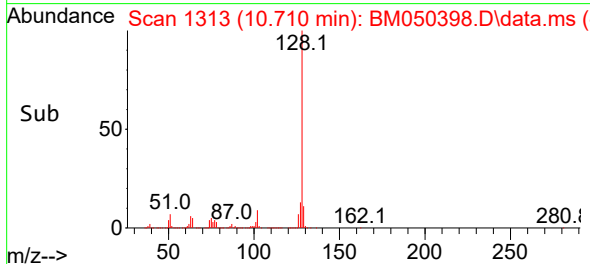
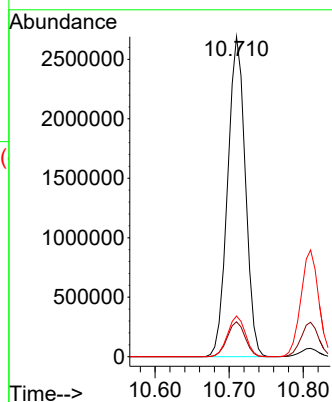
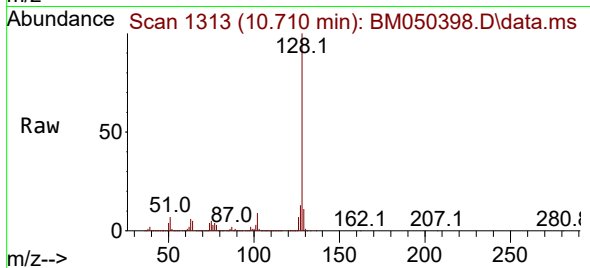




#31
Naphthalene
Concen: 38.159 ng
RT: 10.710 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

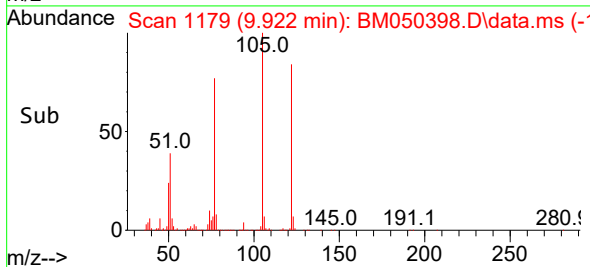
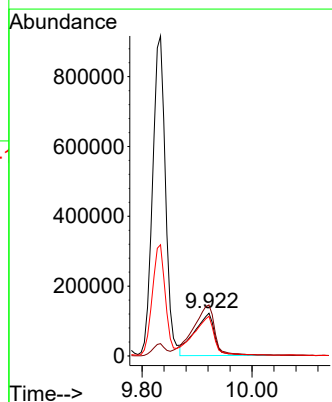
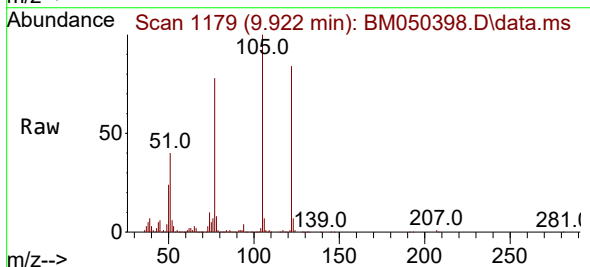
Instrument :
BNA_M
ClientSampleId :
G4(0-6)MS

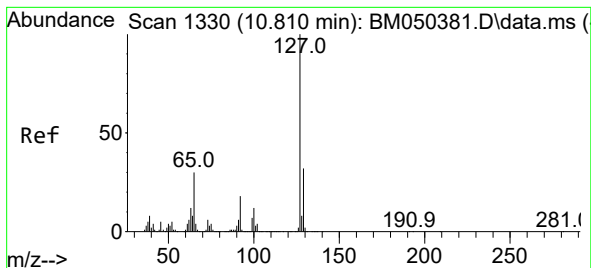
Tgt Ion:128 Resp: 4450418
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.7 10.4 15.6



#32
Benzoic acid
Concen: 18.865 ng
RT: 9.922 min Scan# 1179
Delta R.T. -0.023 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Tgt Ion:122 Resp: 314772
Ion Ratio Lower Upper
122 100
105 119.5 104.0 144.0
77 92.8 73.8 113.8





#33

4-Chloroaniline

Concen: 30.304 ng

RT: 10.810 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050398.D

Acq: 10 Jul 2025 20:39

Instrument :

BNA_M

ClientSampleId :

G4(0-6)MS

Tgt Ion:127 Resp: 1494176

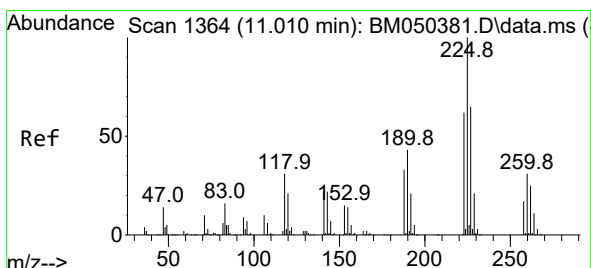
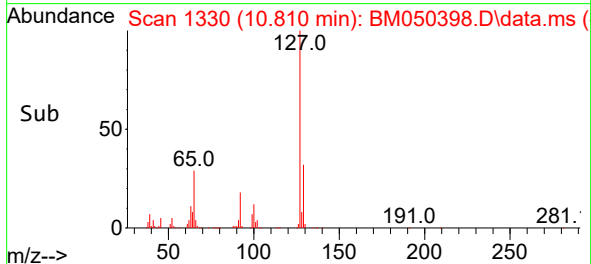
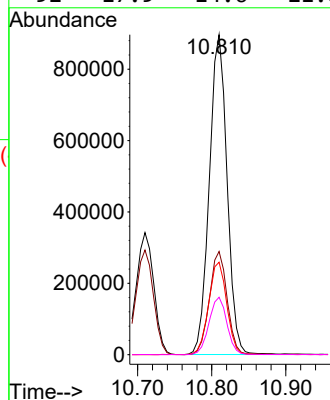
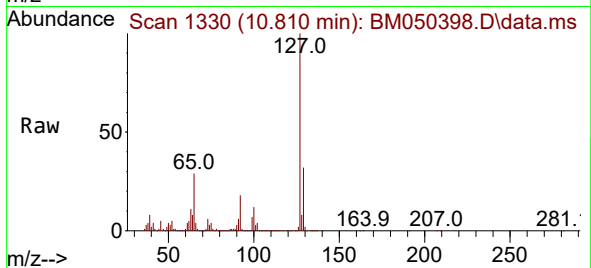
Ion Ratio Lower Upper

127 100

129 32.2 25.5 38.3

65 28.9 23.9 35.9

92 17.9 14.6 21.8



#34

Hexachlorobutadiene

Concen: 29.187 ng

RT: 11.004 min Scan# 1363

Delta R.T. -0.006 min

Lab File: BM050398.D

Acq: 10 Jul 2025 20:39

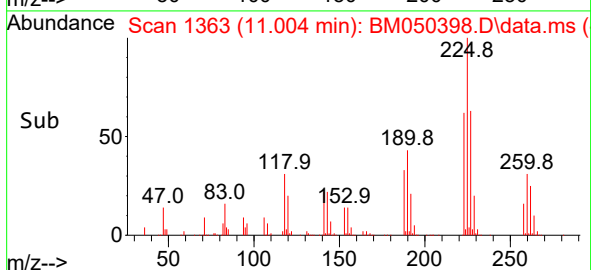
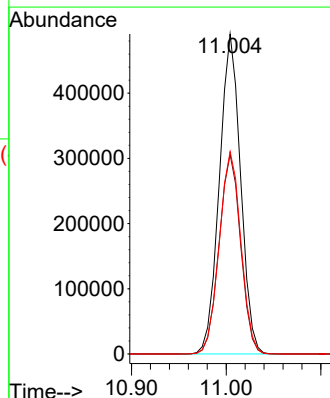
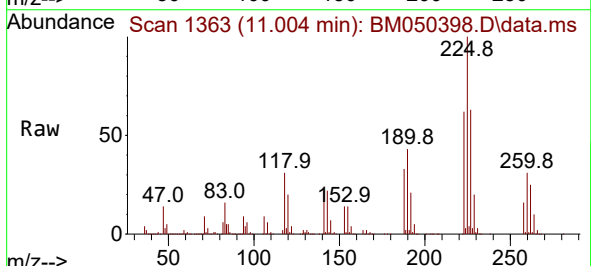
Tgt Ion:225 Resp: 762547

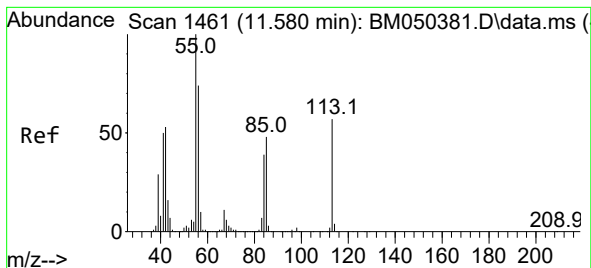
Ion Ratio Lower Upper

225 100

223 62.3 49.7 74.5

227 63.2 52.1 78.1

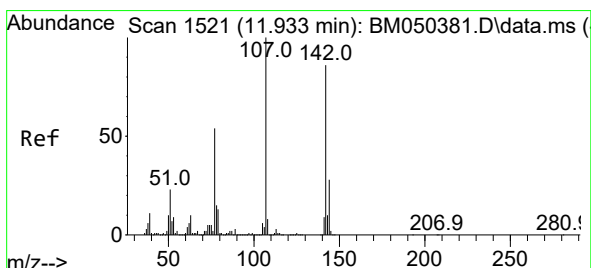
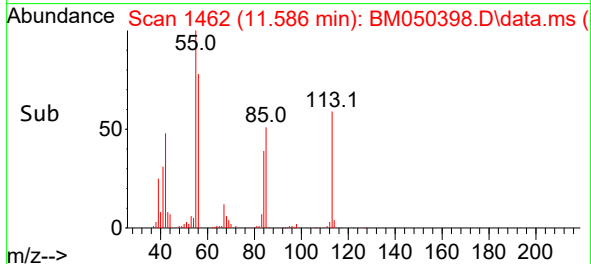
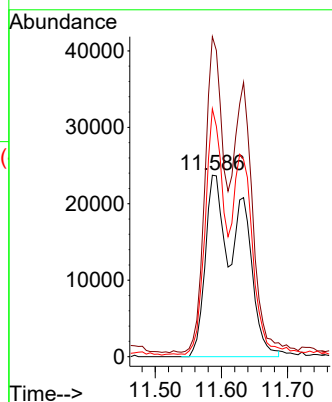
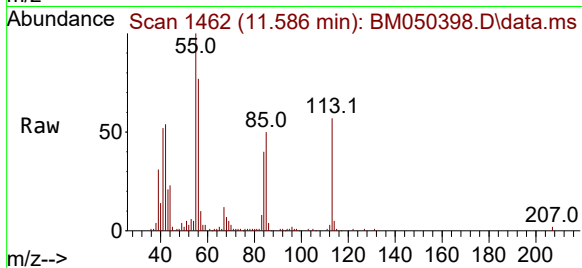




#35
Caprolactam
Concen: 9.055 ng m
RT: 11.586 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

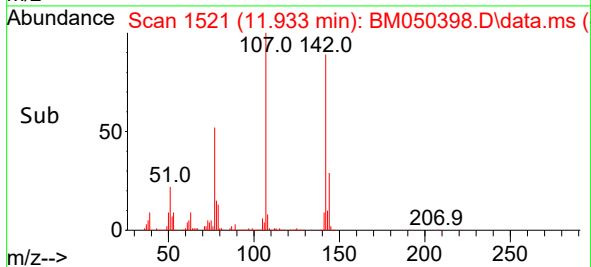
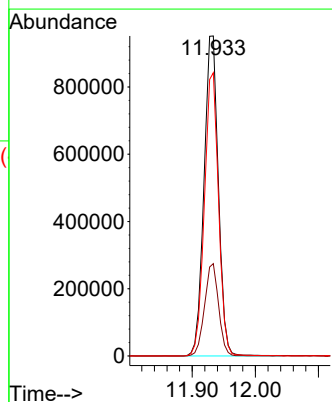
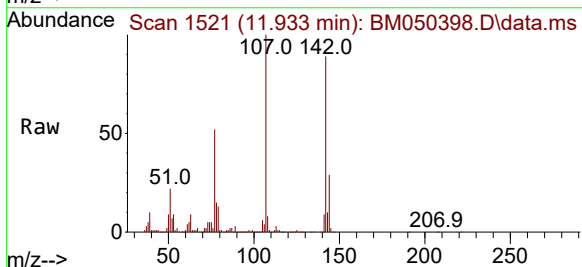
Instrument :
BNA_M
ClientSampleId :
G4(0-6)MS

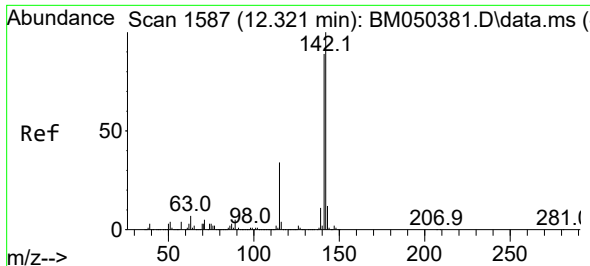
Tgt Ion:113 Resp: 88450
Ion Ratio Lower Upper
113 100
55 176.4 157.2 197.2
56 136.6 111.7 151.7



#36
4-Chloro-3-methylphenol
Concen: 45.026 ng
RT: 11.933 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Tgt Ion:107 Resp: 1504550
Ion Ratio Lower Upper
107 100
144 28.8 22.2 33.4
142 88.5 68.7 103.1

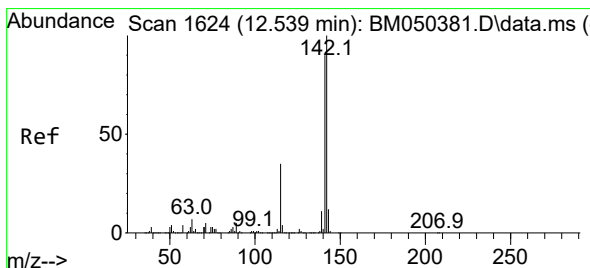
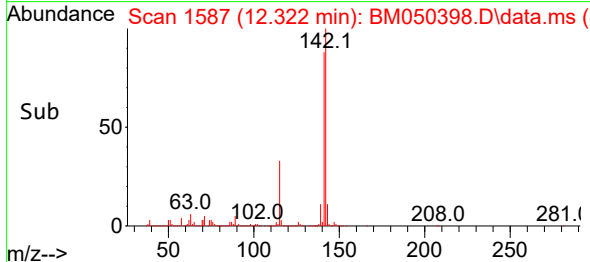
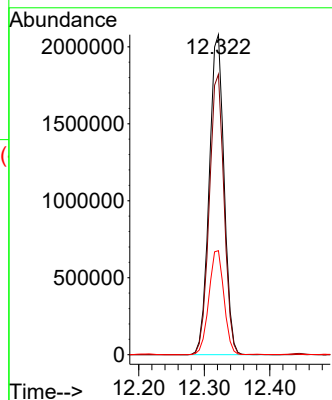
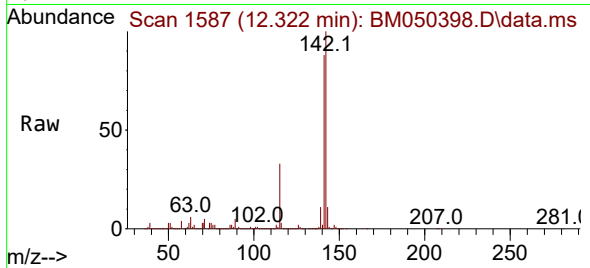




#37
2-Methylnaphthalene
Concen: 44.447 ng
RT: 12.322 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

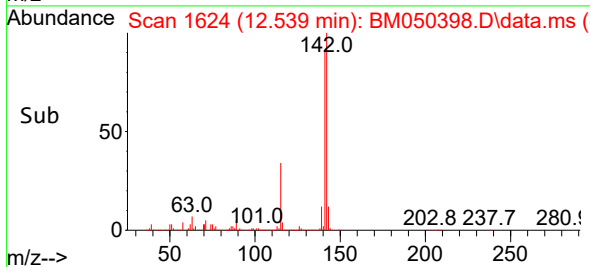
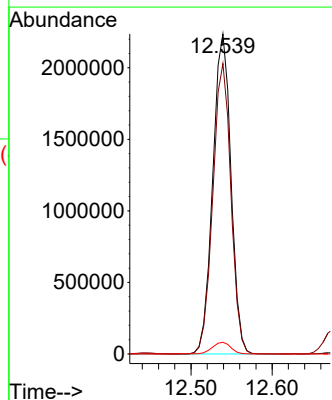
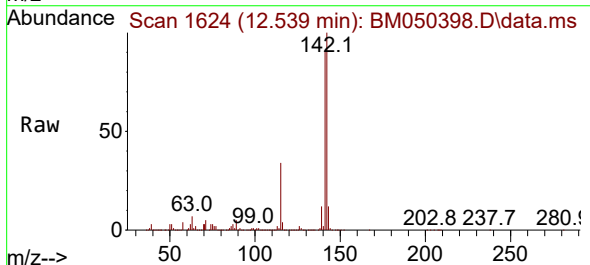
Instrument :
BNA_M
ClientSampleId :
G4(0-6)MS

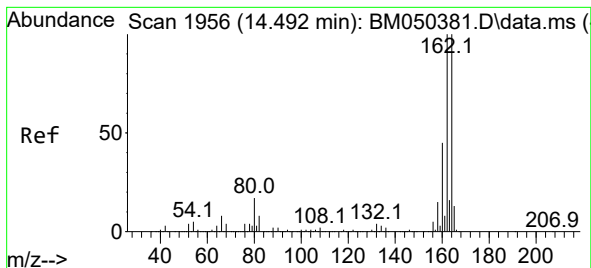
Tgt Ion:142 Resp: 3273041
Ion Ratio Lower Upper
142 100
141 87.6 70.8 106.2
115 32.5 27.0 40.4



#38
1-Methylnaphthalene
Concen: 44.597 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Tgt Ion:142 Resp: 3475568
Ion Ratio Lower Upper
142 100
141 90.8 71.9 107.9
116 3.6 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: BM050398.D

Acq: 10 Jul 2025 20:39

Instrument :

BNA_M

ClientSampleId :

G4(0-6)MS

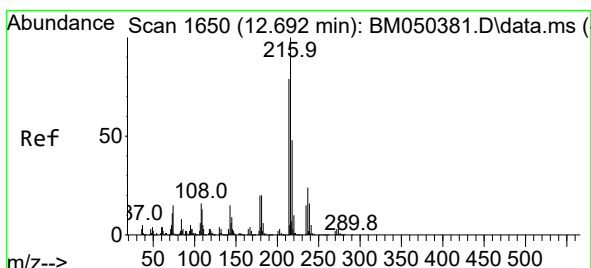
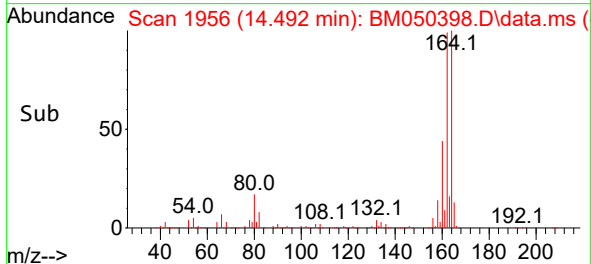
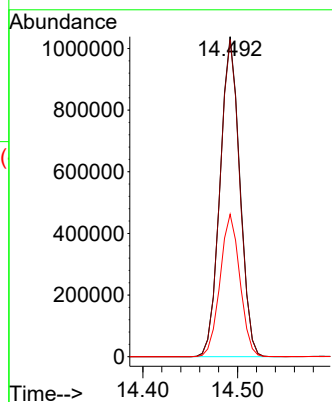
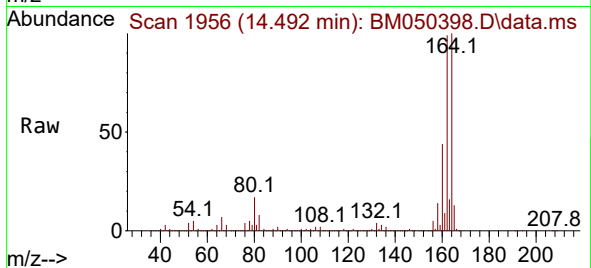
Tgt Ion:164 Resp: 1504294

Ion Ratio Lower Upper

164 100

162 99.1 79.9 119.9

160 44.5 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.122 ng

RT: 12.686 min Scan# 1649

Delta R.T. -0.006 min

Lab File: BM050398.D

Acq: 10 Jul 2025 20:39

Tgt Ion:216 Resp: 2158519

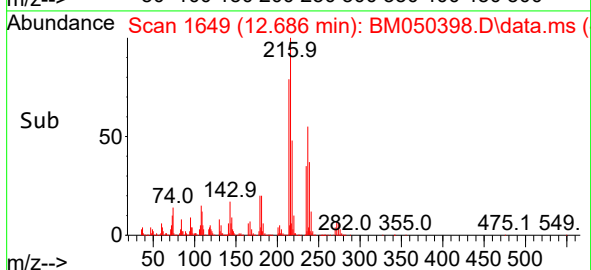
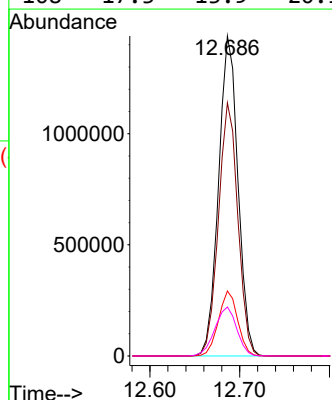
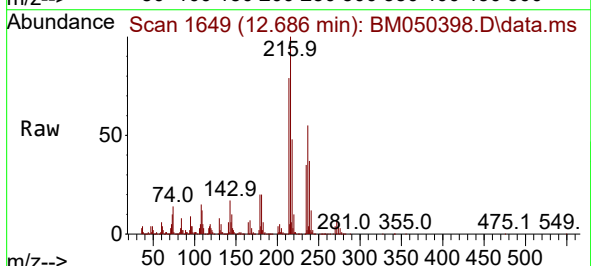
Ion Ratio Lower Upper

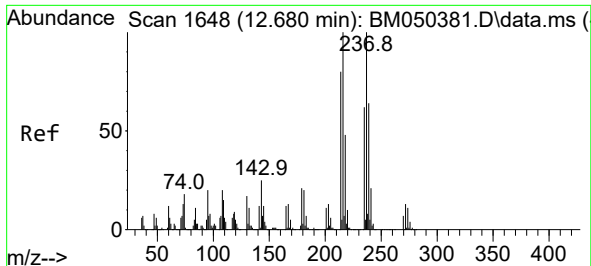
216 100

214 79.0 63.3 94.9

179 20.2 16.4 24.6

108 17.3 13.9 20.9

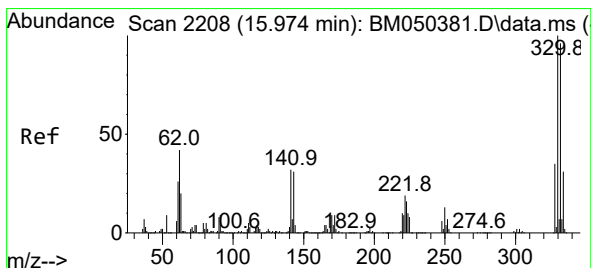
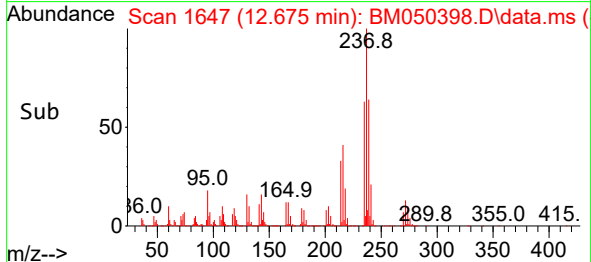
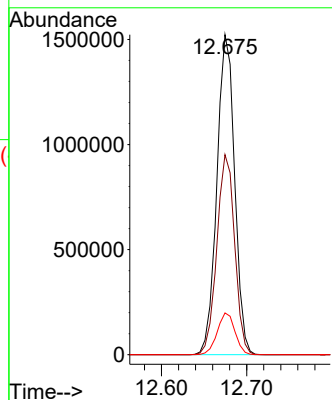
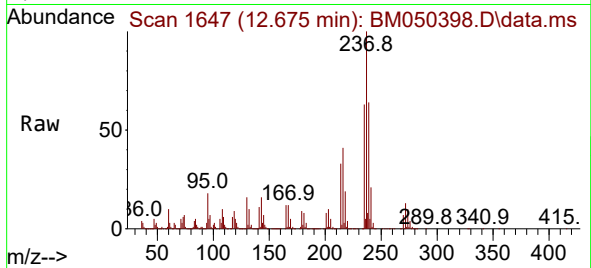




#41
Hexachlorocyclopentadiene
Concen: 72.036 ng
RT: 12.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

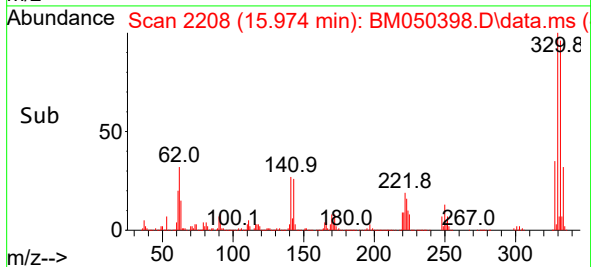
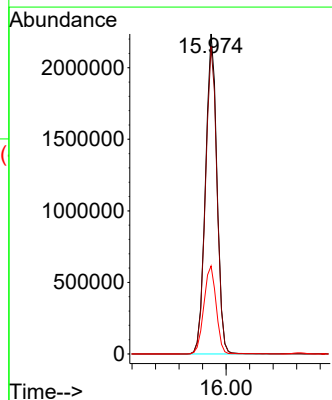
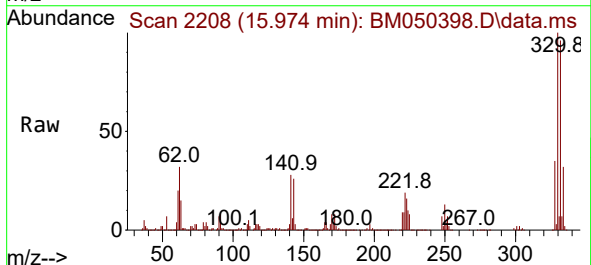
Instrument :
BNA_M
ClientSampleId :
G4(0-6)MS

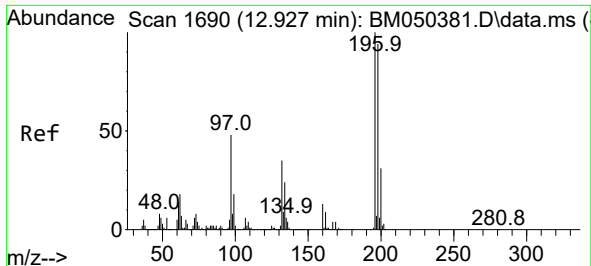
Tgt Ion:237 Resp: 2202761
Ion Ratio Lower Upper
237 100
235 62.5 42.3 82.3
272 13.1 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 165.068 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Tgt Ion:330 Resp: 3016991
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 29.6 27.4 41.0

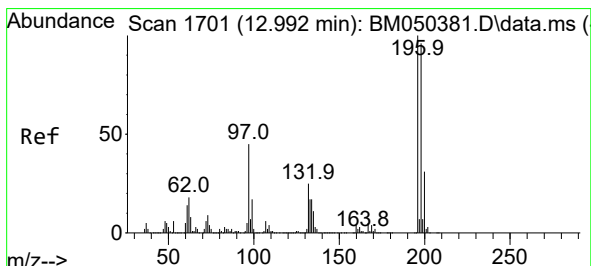
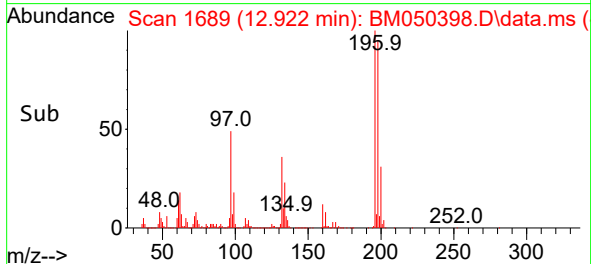
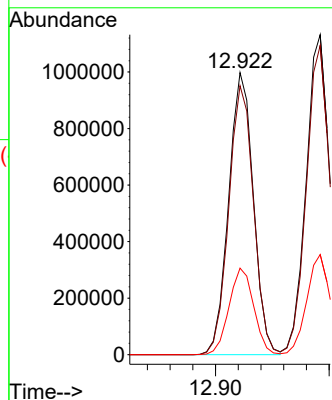
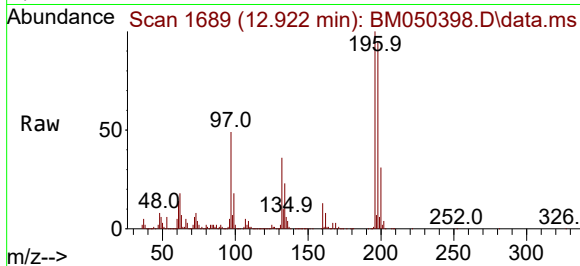




#43
2,4,6-Trichlorophenol
Concen: 51.227 ng
RT: 12.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

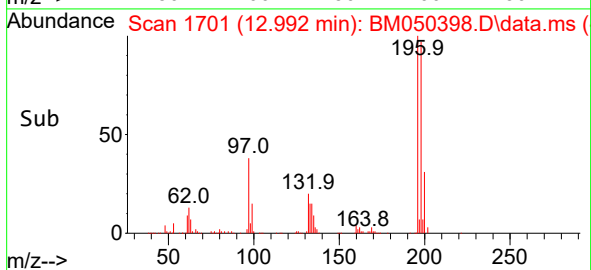
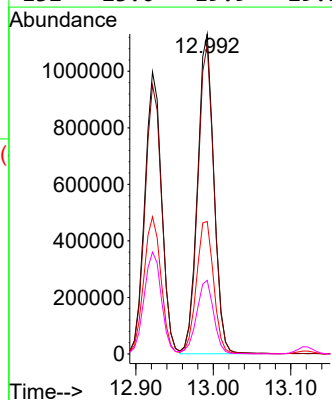
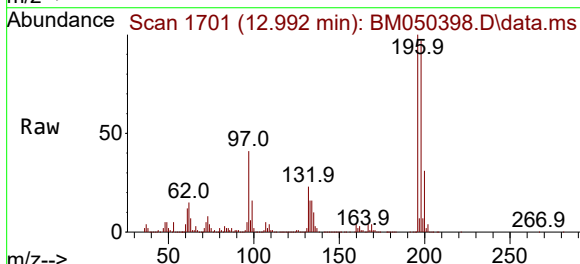
Instrument :
BNA_M
ClientSampleId :
G4(0-6)MS

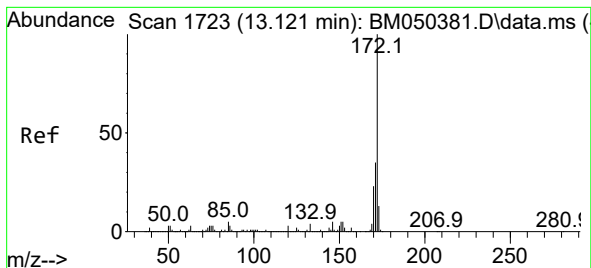
Tgt Ion:196 Resp: 1508438
Ion Ratio Lower Upper
196 100
198 95.4 75.1 112.7
200 30.7 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 51.453 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Tgt Ion:196 Resp: 1654685
Ion Ratio Lower Upper
196 100
198 96.7 77.2 115.8
97 41.4 36.2 54.4
132 23.0 19.9 29.9





#45

2-Fluorobiphenyl

Concen: 80.594 ng

RT: 13.122 min Scan# 1723

Delta R.T. 0.000 min

Lab File: BM050398.D

Acq: 10 Jul 2025 20:39

Instrument :

BNA_M

ClientSampleId :

G4(0-6)MS

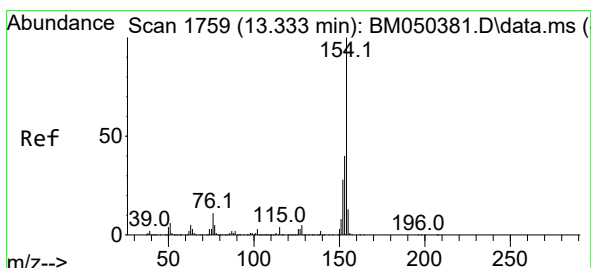
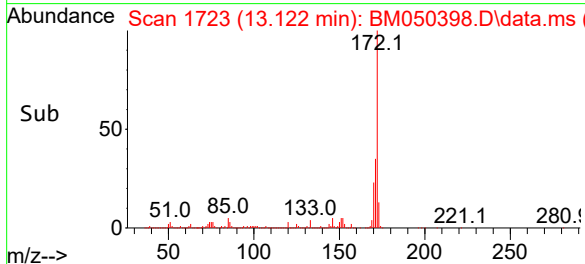
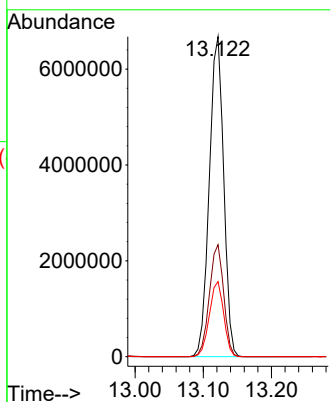
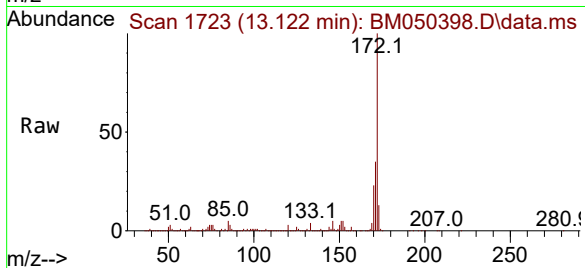
Tgt Ion:172 Resp: 9817246

Ion Ratio Lower Upper

172 100

171 35.0 27.7 41.5

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 46.002 ng

RT: 13.327 min Scan# 1758

Delta R.T. -0.006 min

Lab File: BM050398.D

Acq: 10 Jul 2025 20:39

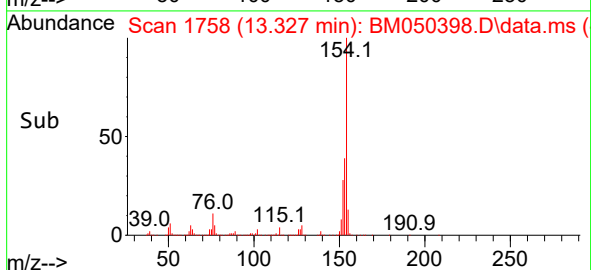
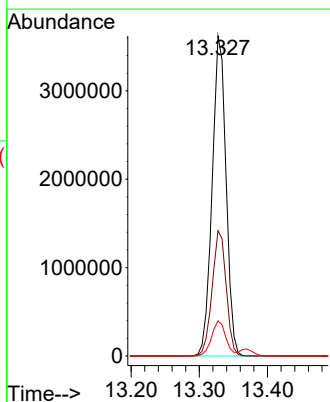
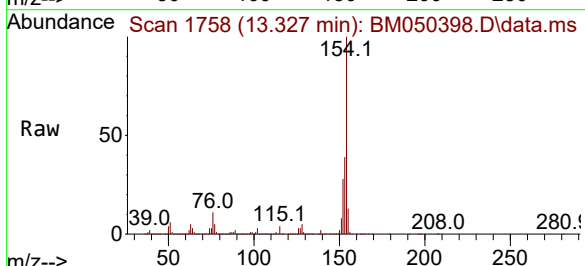
Tgt Ion:154 Resp: 5134210

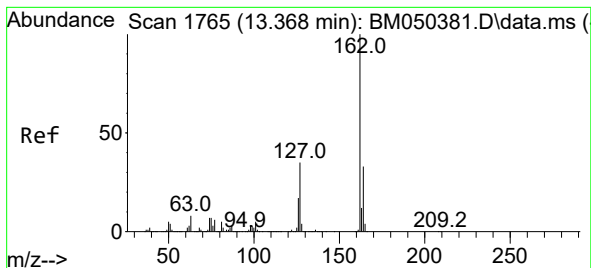
Ion Ratio Lower Upper

154 100

153 39.2 19.7 59.7

76 10.9 0.0 30.9





#47

2-Chloronaphthalene

Concen: 44.908 ng

RT: 13.369 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050398.D

Acq: 10 Jul 2025 20:39

Instrument :

BNA_M

ClientSampleId :

G4(0-6)MS

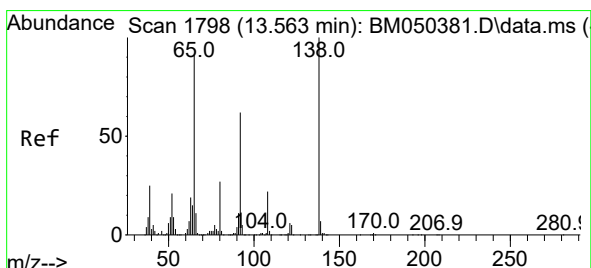
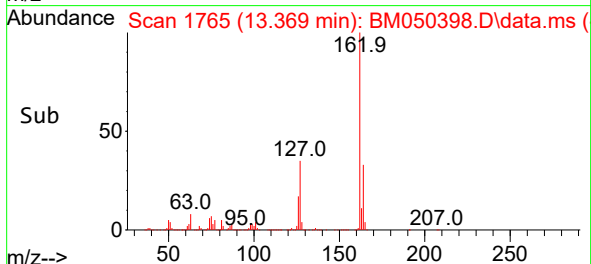
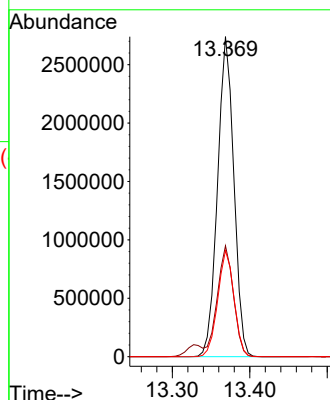
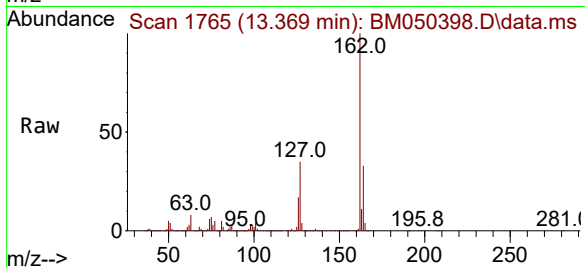
Tgt Ion:162 Resp: 3996208

Ion Ratio Lower Upper

162 100

127 34.7 28.3 42.5

164 33.2 26.6 40.0



#48

2-Nitroaniline

Concen: 55.269 ng

RT: 13.563 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BM050398.D

Acq: 10 Jul 2025 20:39

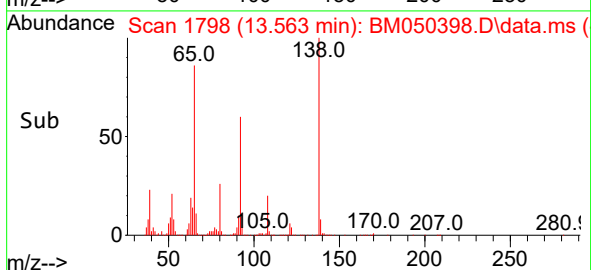
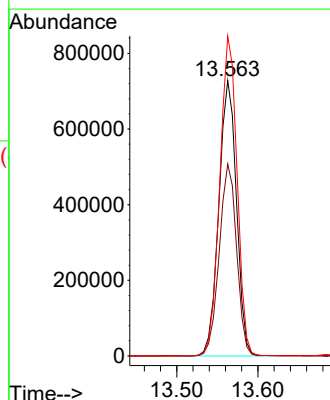
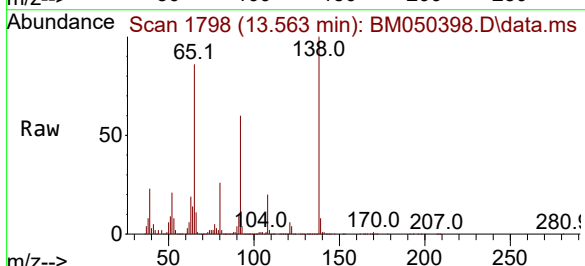
Tgt Ion: 65 Resp: 1097792

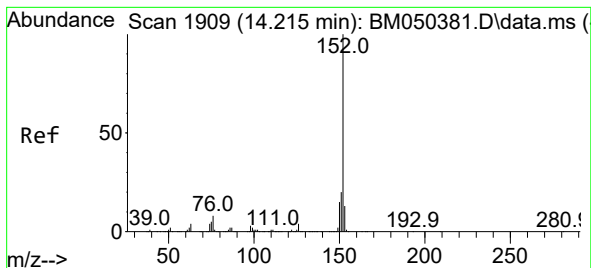
Ion Ratio Lower Upper

65 100

92 69.7 54.3 81.5

138 116.2 87.8 131.6





#49

Acenaphthylene

Concen: 48.349 ng

RT: 14.216 min Scan# 1909

Delta R.T. 0.000 min

Lab File: BM050398.D

Acq: 10 Jul 2025 20:39

Instrument :

BNA_M

ClientSampleId :

G4(0-6)MS

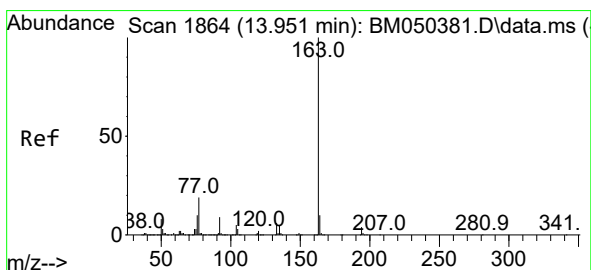
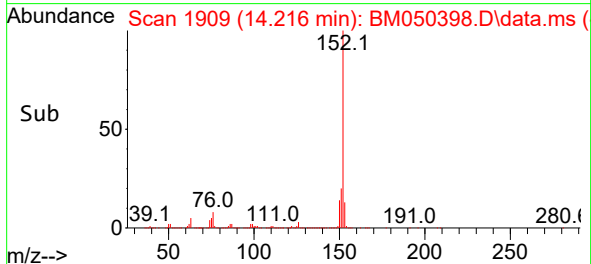
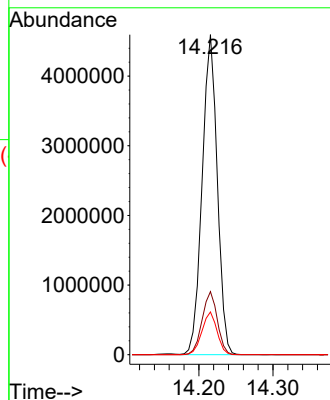
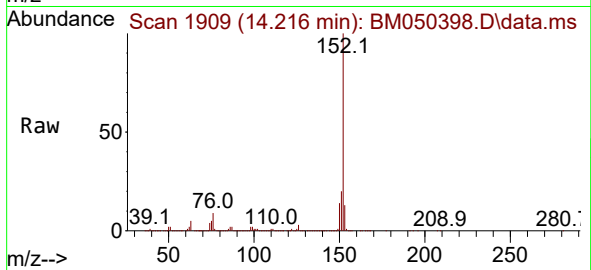
Tgt Ion:152 Resp: 6502221

Ion Ratio Lower Upper

152 100

151 19.7 16.3 24.5

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 53.034 ng

RT: 13.951 min Scan# 1864

Delta R.T. 0.000 min

Lab File: BM050398.D

Acq: 10 Jul 2025 20:39

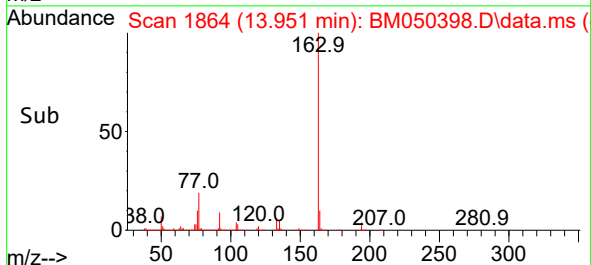
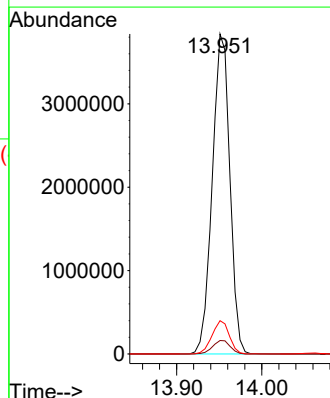
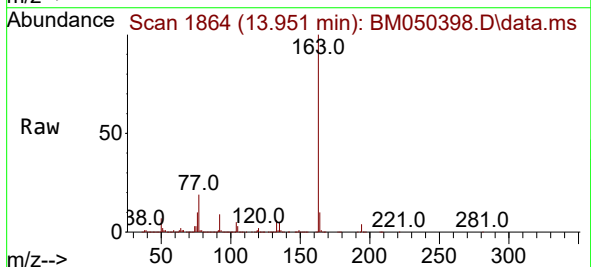
Tgt Ion:163 Resp: 5492602

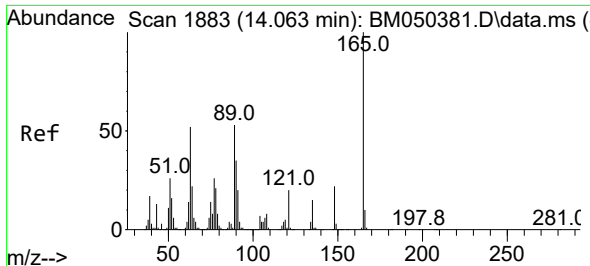
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.4 8.2 12.2

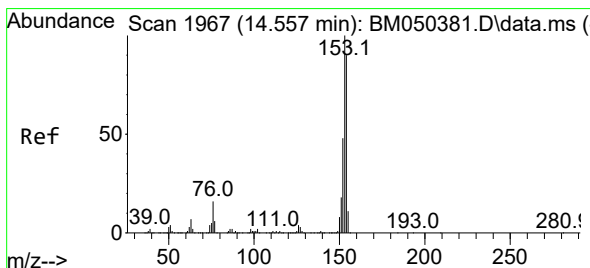
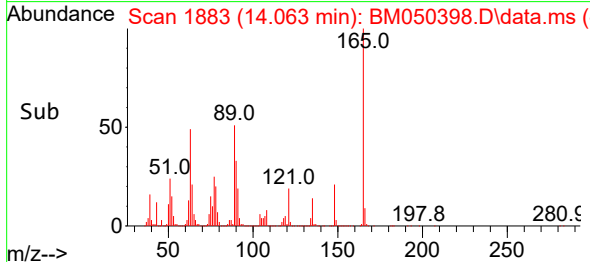
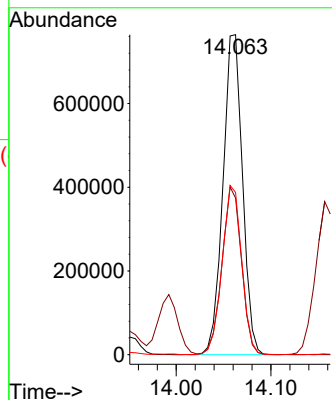
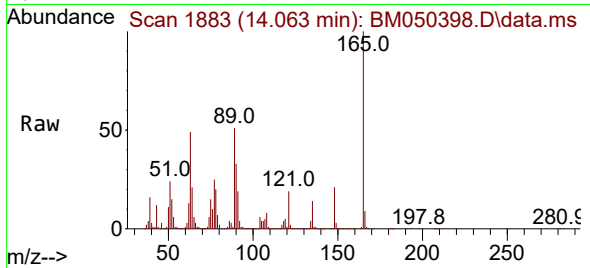




#51
2,6-Dinitrotoluene
Concen: 55.177 ng
RT: 14.063 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

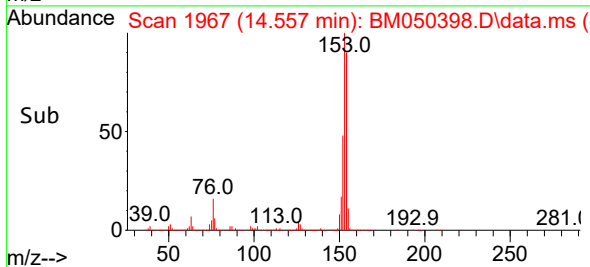
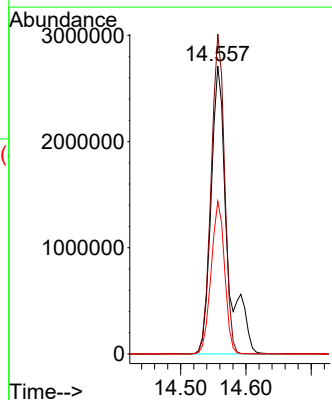
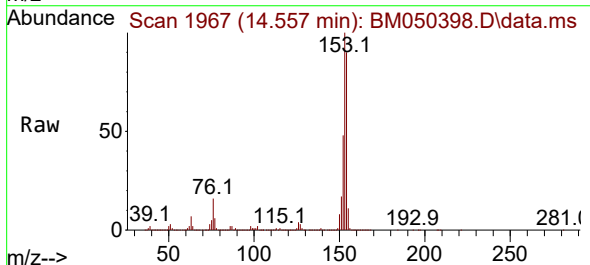
Instrument :
BNA_M
ClientSampleId :
G4(0-6)MS

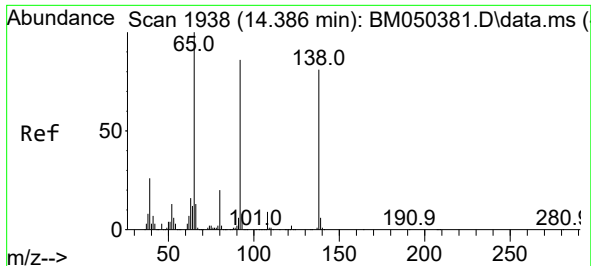
Tgt Ion:165 Resp: 1097204
Ion Ratio Lower Upper
165 100
63 48.9 42.4 63.6
89 50.7 42.2 63.2



#52
Acenaphthene
Concen: 54.486 ng m
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Tgt Ion:154 Resp: 4658542
Ion Ratio Lower Upper
154 100
153 111.2 89.2 133.8
152 53.0 42.6 64.0

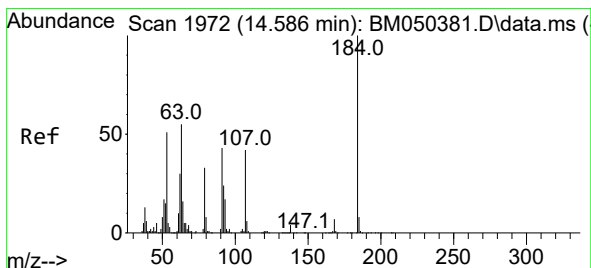
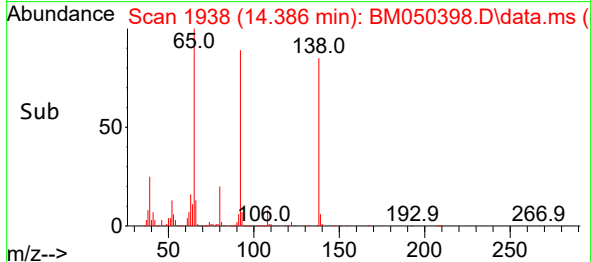
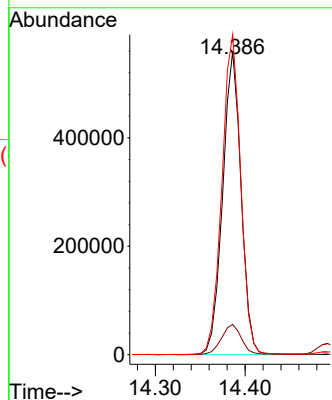
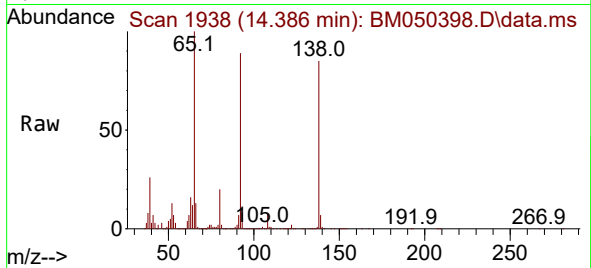




#53
3-Nitroaniline
Concen: 37.509 ng
RT: 14.386 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

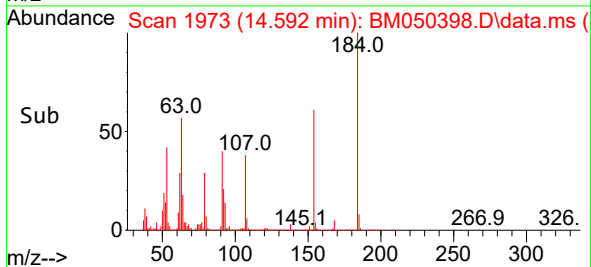
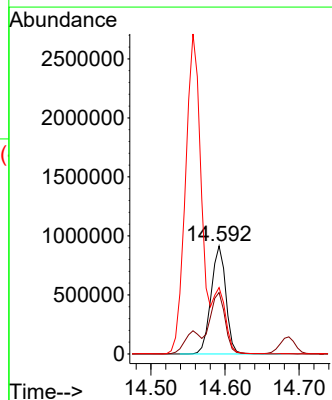
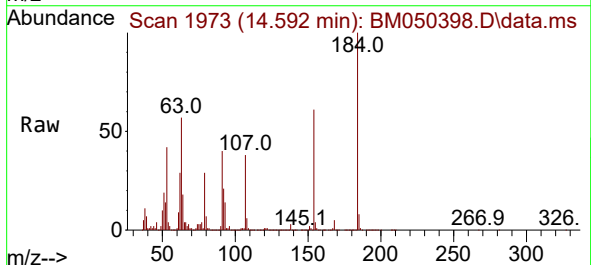
Instrument :
BNA_M
ClientSampleId :
G4(0-6)MS

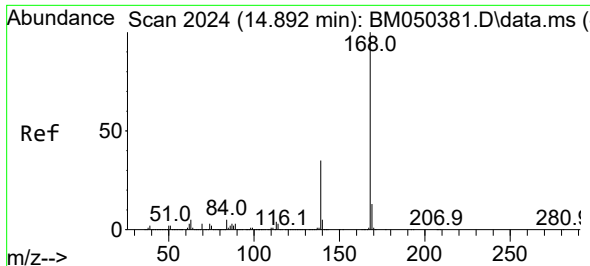
Tgt Ion:138 Resp: 793223
Ion Ratio Lower Upper
138 100
108 10.0 8.8 13.2
92 105.5 85.0 127.6



#54
2,4-Dinitrophenol
Concen: 112.711 ng
RT: 14.592 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Tgt Ion:184 Resp: 1268000
Ion Ratio Lower Upper
184 100
63 56.9 53.4 80.0
154 61.4 61.6 92.4#

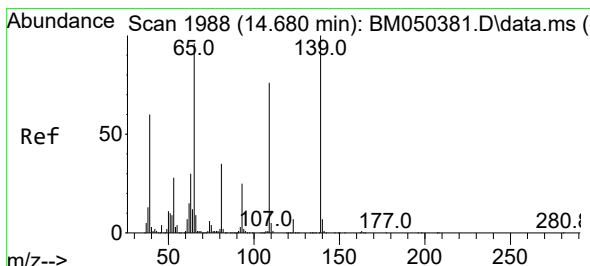
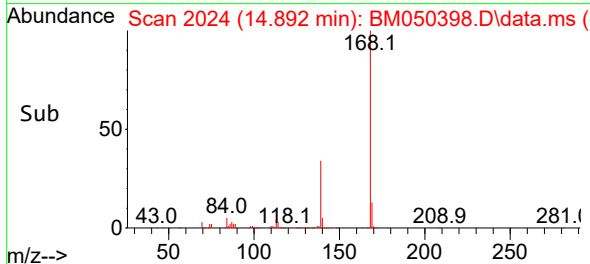
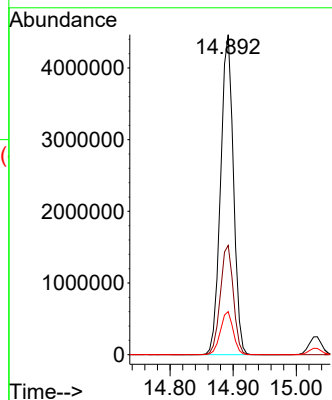
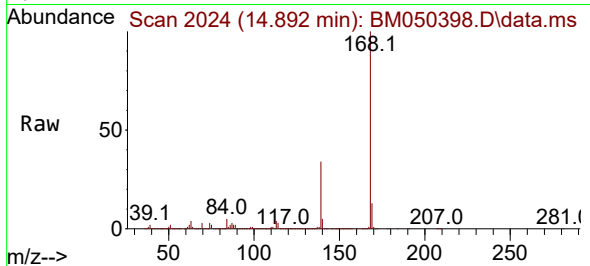




#55
Dibenzofuran
Concen: 47.756 ng
RT: 14.892 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

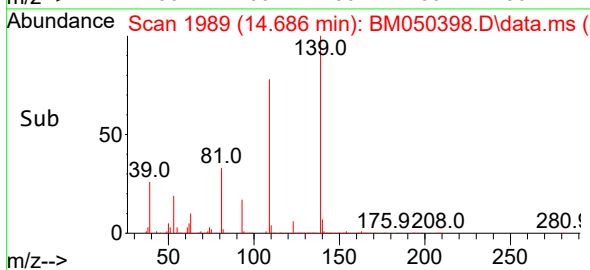
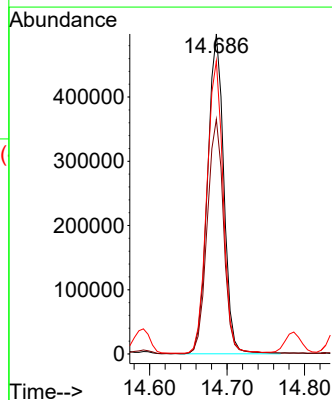
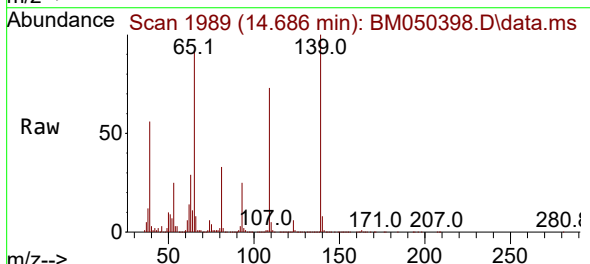
Instrument :
BNA_M
ClientSampleId :
G4(0-6)MS

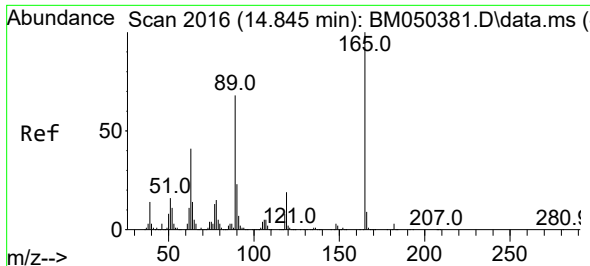
Tgt Ion:168 Resp: 6291245
Ion Ratio Lower Upper
168 100
139 34.2 27.7 41.5
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 39.976 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Tgt Ion:139 Resp: 727022
Ion Ratio Lower Upper
139 100
109 73.4 56.5 96.5
65 91.6 76.4 116.4





#57

2,4-Dinitrotoluene

Concen: 52.704 ng

RT: 14.845 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BM050398.D

Acq: 10 Jul 2025 20:39

Instrument :

BNA_M

ClientSampleId :

G4(0-6)MS

Tgt Ion:165 Resp: 1577324

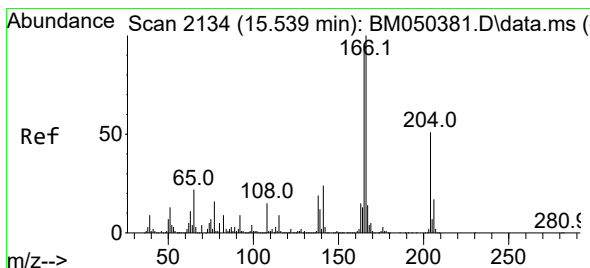
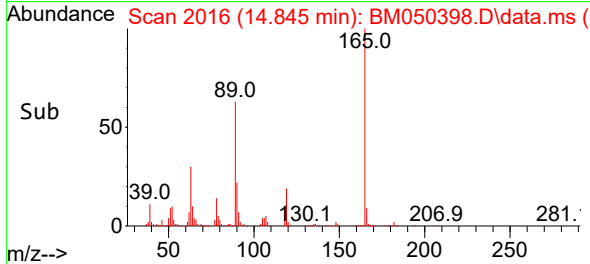
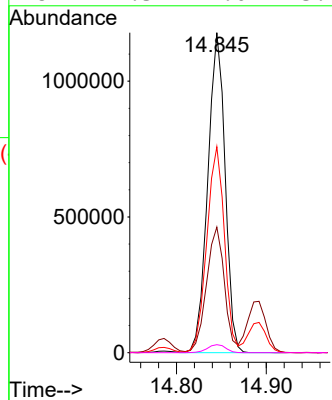
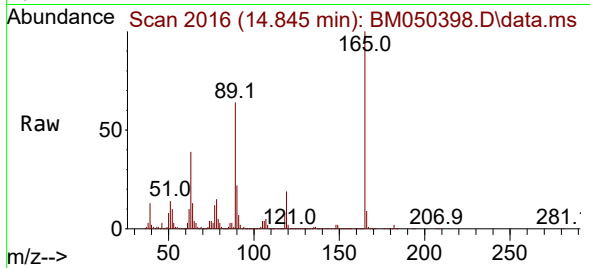
Ion Ratio Lower Upper

165 100

63 39.3 32.5 48.7

89 64.3 54.0 81.0

182 2.5 2.0 3.0



#58

Fluorene

Concen: 50.964 ng

RT: 15.539 min Scan# 2134

Delta R.T. 0.000 min

Lab File: BM050398.D

Acq: 10 Jul 2025 20:39

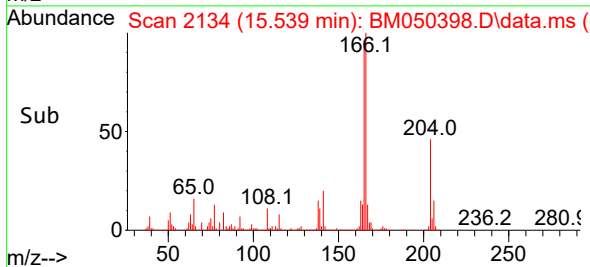
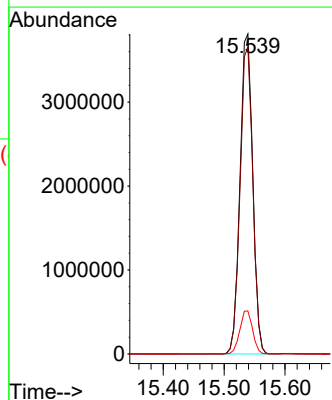
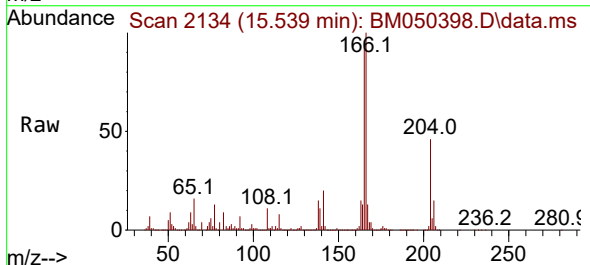
Tgt Ion:166 Resp: 5530046

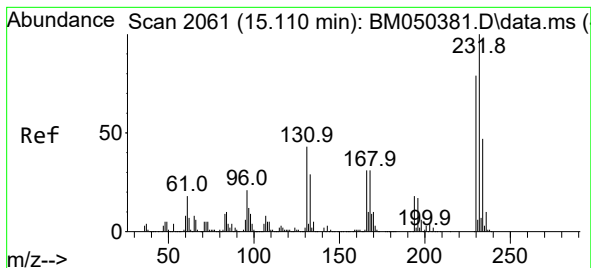
Ion Ratio Lower Upper

166 100

165 96.0 77.0 115.6

167 13.5 10.9 16.3

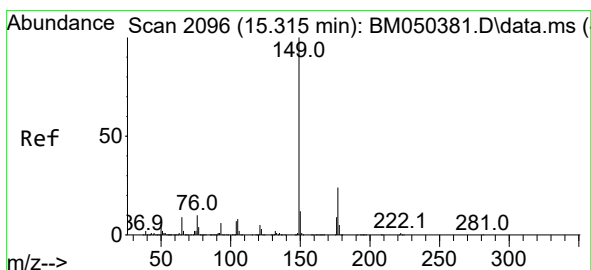
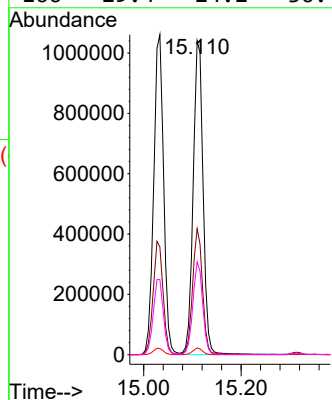
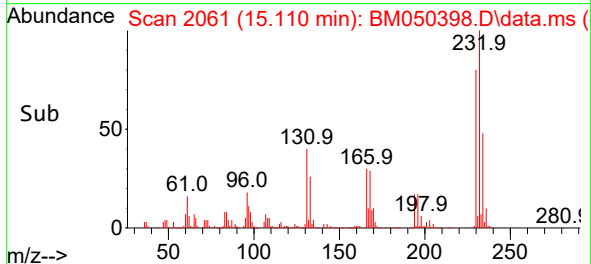
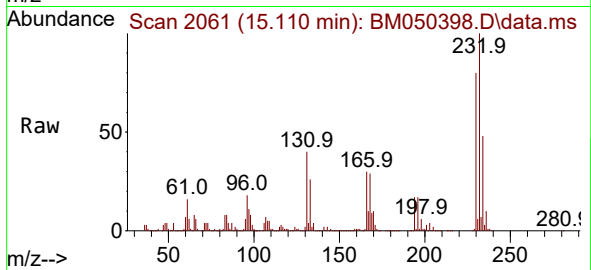




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.585 ng
RT: 15.110 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

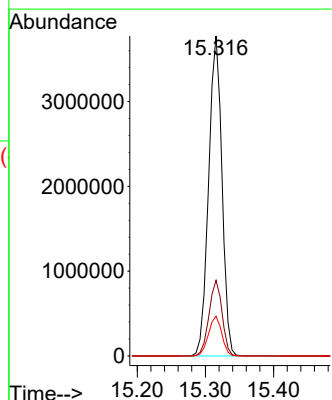
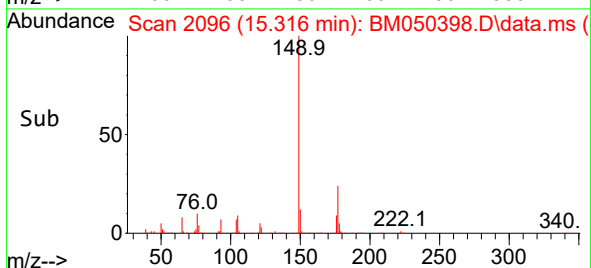
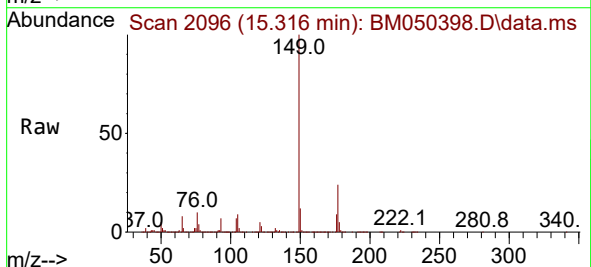
Instrument :
BNA_M
ClientSampleId :
G4(0-6)MS

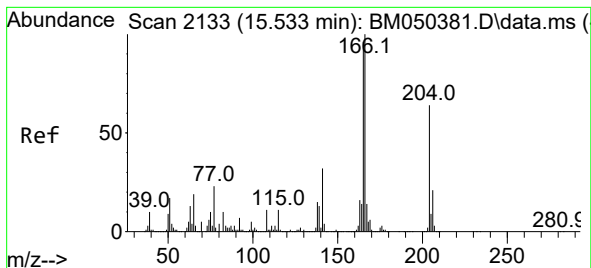
Tgt Ion:232 Resp: 1477699
Ion Ratio Lower Upper
232 100
131 39.8 33.4 50.0
130 2.1 1.8 2.6
166 29.4 24.2 36.4



#60
Diethylphthalate
Concen: 51.841 ng
RT: 15.316 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Tgt Ion:149 Resp: 5128680
Ion Ratio Lower Upper
149 100
177 23.6 18.8 28.2
150 12.4 9.8 14.8

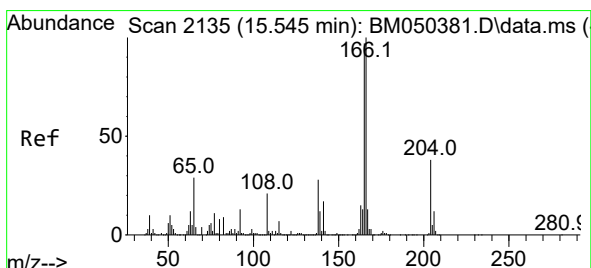
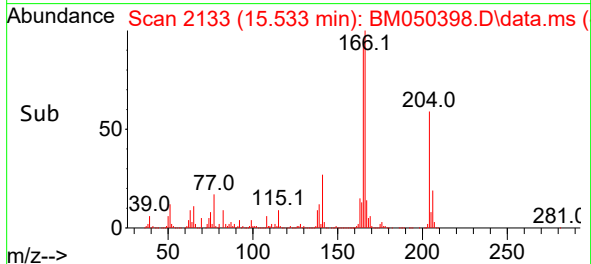
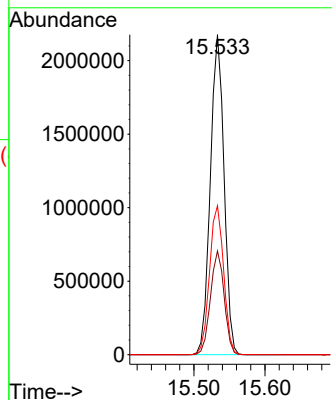
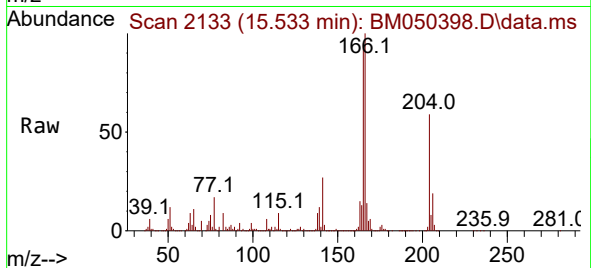




#61
4-Chlorophenyl-phenylether
Concen: 51.511 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

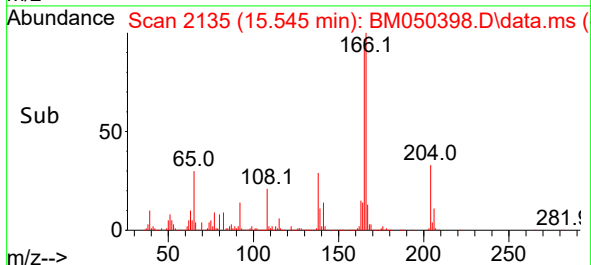
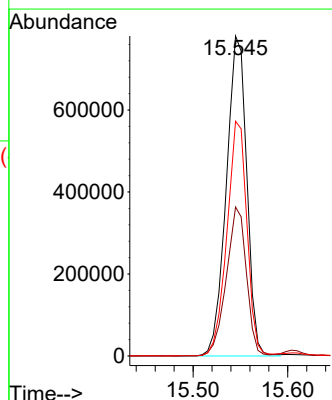
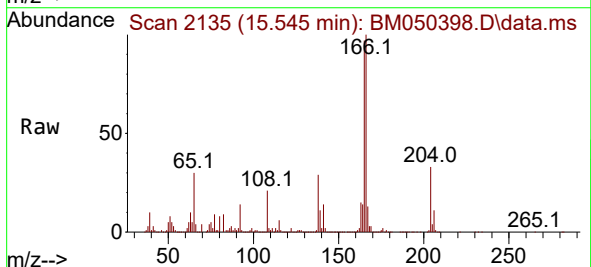
Instrument :
BNA_M
ClientSampleId :
G4(0-6)MS

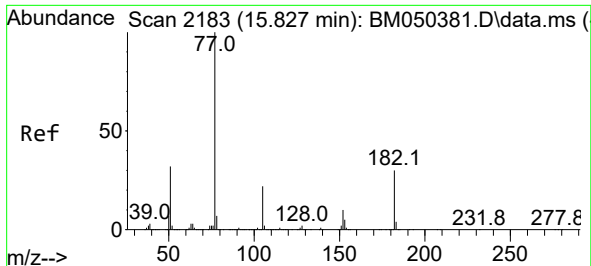
Tgt Ion:204 Resp: 2922679
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 46.6 39.9 59.9



#62
4-Nitroaniline
Concen: 48.205 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Tgt Ion:138 Resp: 1172268
Ion Ratio Lower Upper
138 100
92 46.6 24.5 64.5
108 73.3 52.5 92.5



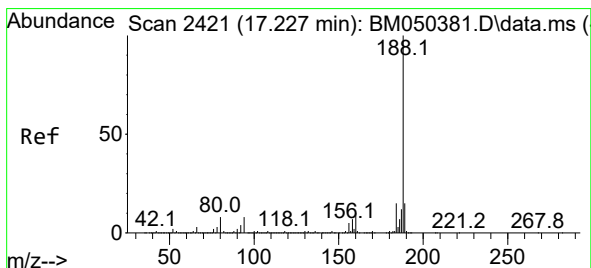
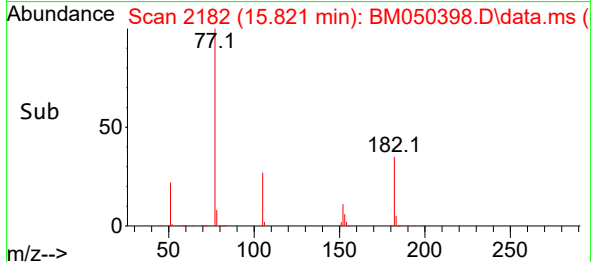
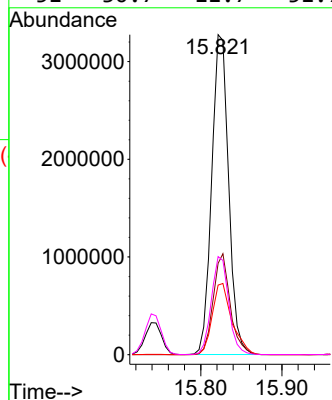
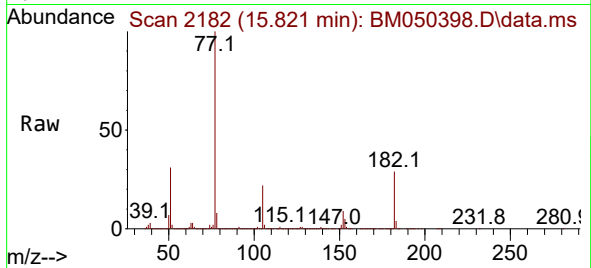


#63
Azobenzene
Concen: 52.158 ng
RT: 15.821 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Instrument :
BNA_M
ClientSampleId :
G4(0-6)MS

Tgt Ion: 77 Resp: 4738176

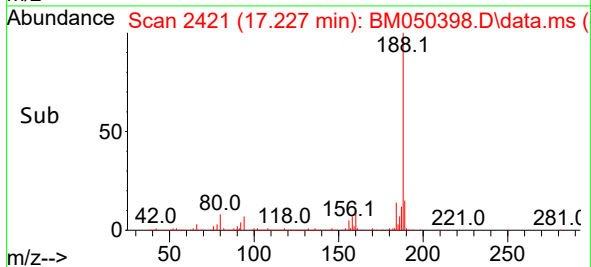
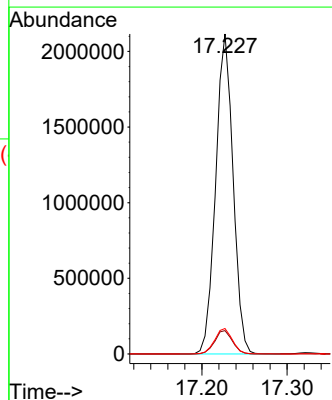
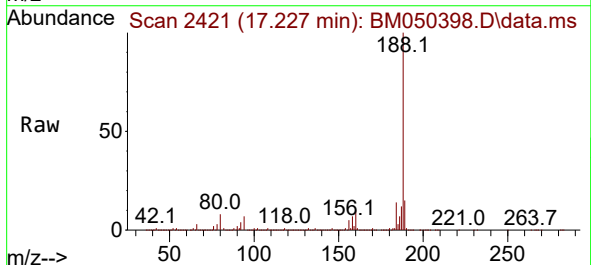
Ion	Ratio	Lower	Upper
77	100		
182	28.6	10.0	50.0
105	21.7	2.0	42.0
51	30.7	11.7	51.7

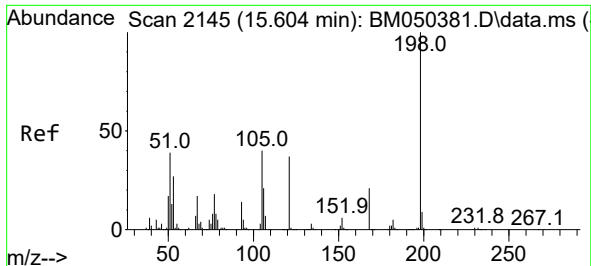


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Tgt Ion: 188 Resp: 3001428

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.0	9.0
80	8.0	6.5	9.7

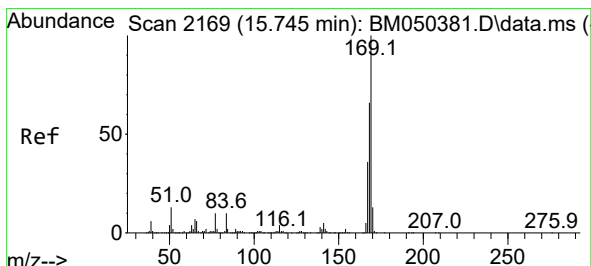
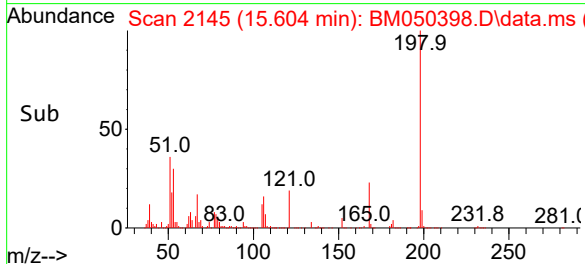
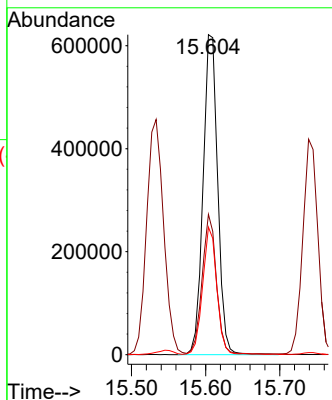
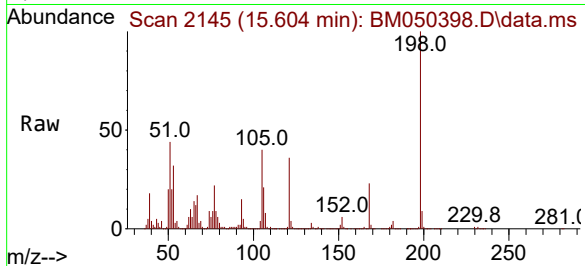




#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.140 ng
 RT: 15.604 min Scan# 2145
 Delta R.T. -0.000 min
 Lab File: BM050398.D
 Acq: 10 Jul 2025 20:39

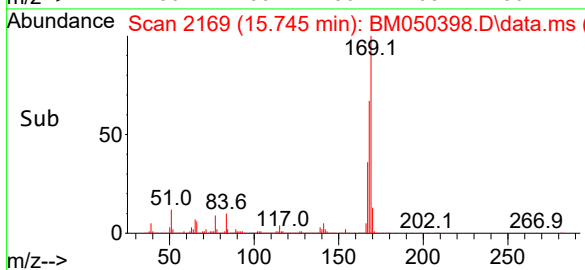
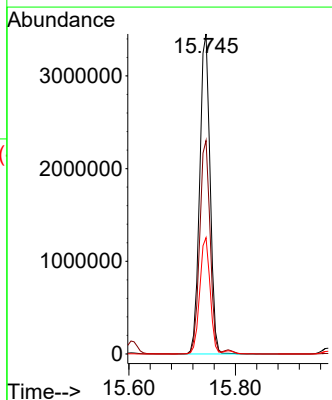
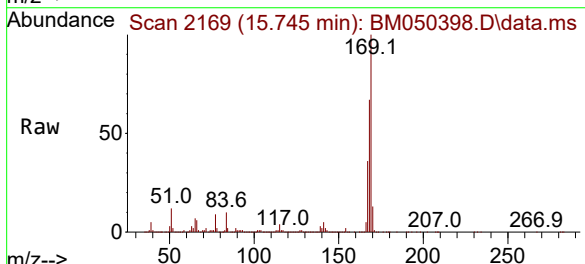
Instrument :
 BNA_M
 ClientSampleId :
 G4(0-6)MS

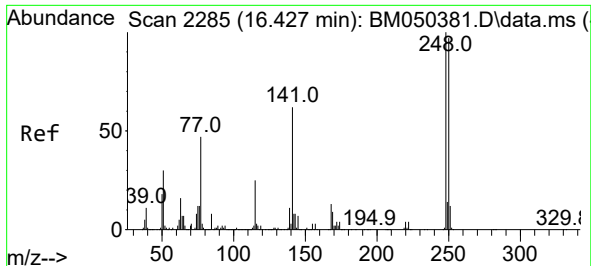
Tgt Ion:198 Resp: 851588
 Ion Ratio Lower Upper
 198 100
 51 43.9 26.6 66.6
 105 39.8 20.9 60.9



#66
 n-Nitrosodiphenylamine
 Concen: 49.578 ng
 RT: 15.745 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: BM050398.D
 Acq: 10 Jul 2025 20:39

Tgt Ion:169 Resp: 4656336
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.2 79.8
 167 36.4 28.7 43.1

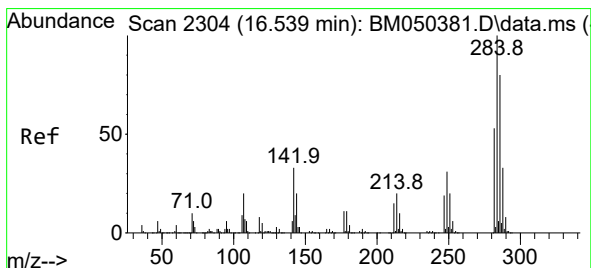
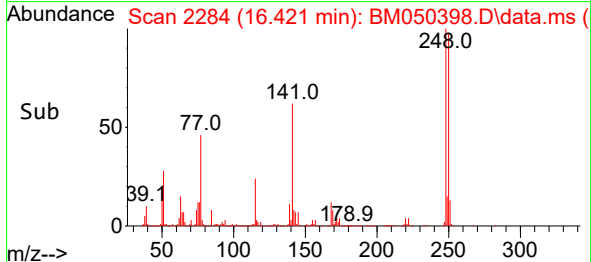
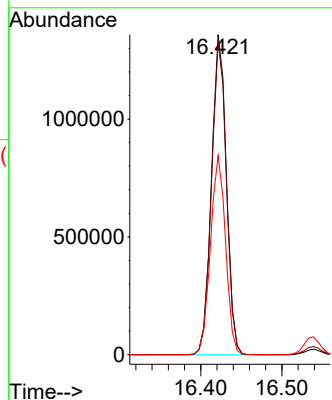
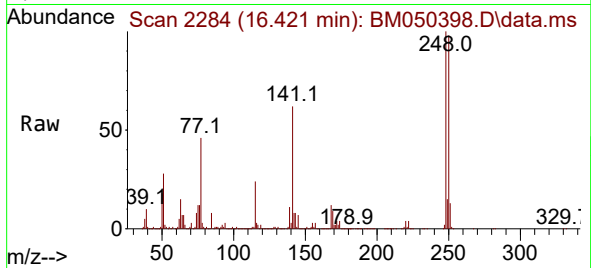




#67
4-Bromophenyl-phenylether
Concen: 52.253 ng
RT: 16.421 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

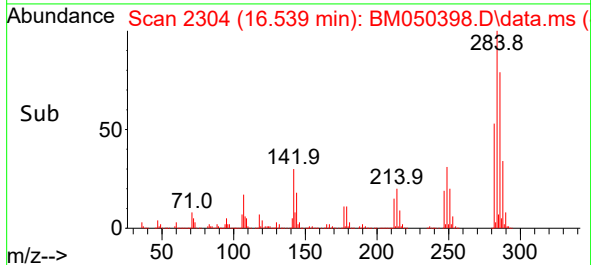
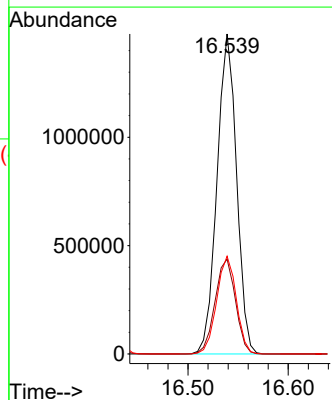
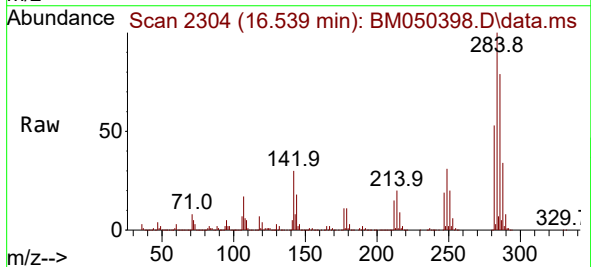
Instrument :
BNA_M
ClientSampleId :
G4(0-6)MS

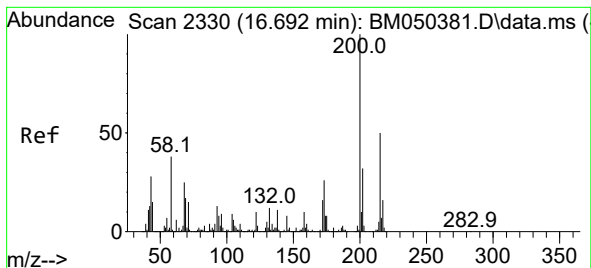
Tgt Ion:248 Resp: 1727958
Ion Ratio Lower Upper
248 100
250 97.8 77.9 116.9
141 62.3 49.7 74.5



#68
Hexachlorobenzene
Concen: 51.137 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Tgt Ion:284 Resp: 1997235
Ion Ratio Lower Upper
284 100
142 29.7 26.8 40.2
249 30.5 24.5 36.7





#69

Atrazine

Concen: 55.199 ng

RT: 16.692 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050398.D

Acq: 10 Jul 2025 20:39

Instrument :

BNA_M

ClientSampleId :

G4(0-6)MS

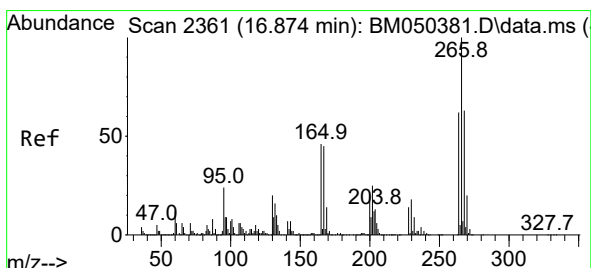
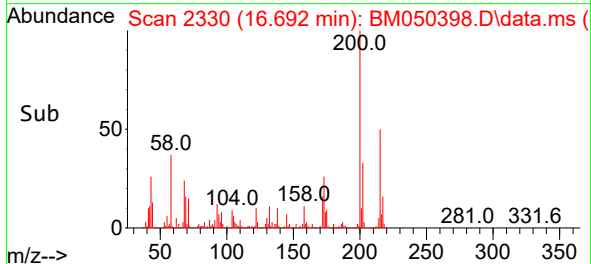
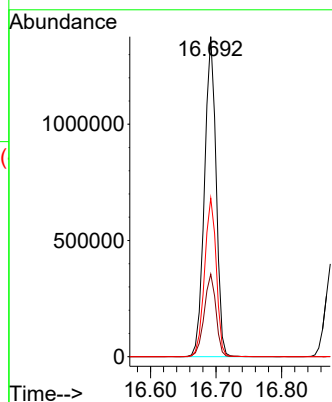
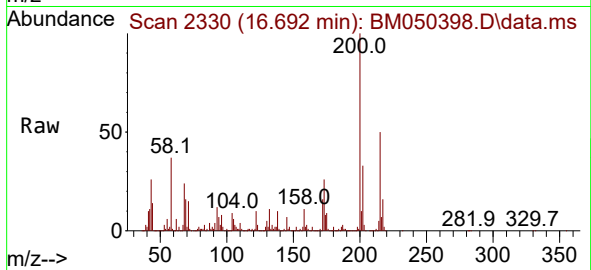
Tgt Ion:200 Resp: 1702330

Ion Ratio Lower Upper

200 100

173 25.8 5.6 45.6

215 49.6 29.6 69.6



#70

Pentachlorophenol

Concen: 119.545 ng

RT: 16.874 min Scan# 2361

Delta R.T. 0.000 min

Lab File: BM050398.D

Acq: 10 Jul 2025 20:39

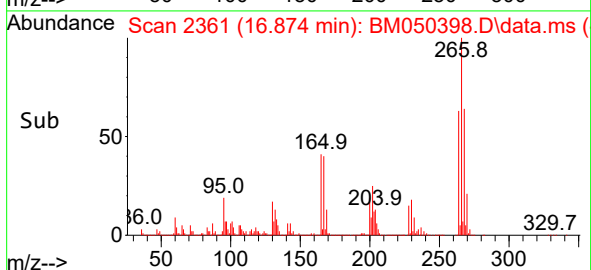
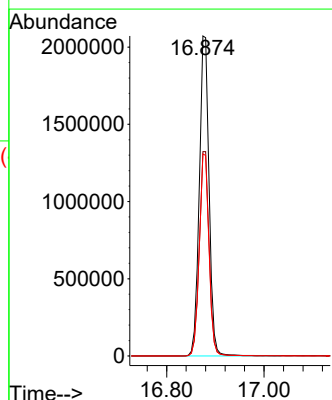
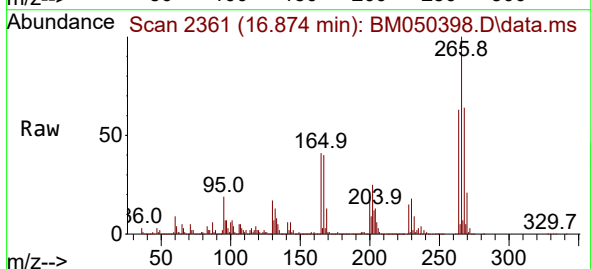
Tgt Ion:266 Resp: 2906548

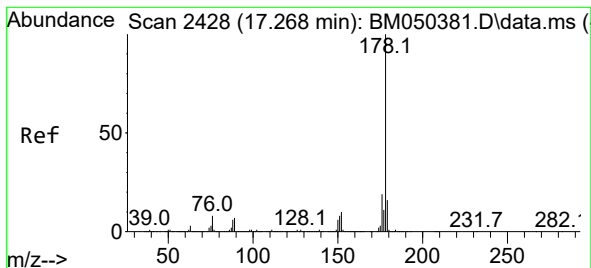
Ion Ratio Lower Upper

266 100

268 63.8 50.5 75.7

264 63.2 49.9 74.9





#71

Phenanthrene

Concen: 49.802 ng

RT: 17.268 min Scan# 2428

Delta R.T. 0.000 min

Lab File: BM050398.D

Acq: 10 Jul 2025 20:39

Instrument :

BNA_M

ClientSampleId :

G4(0-6)MS

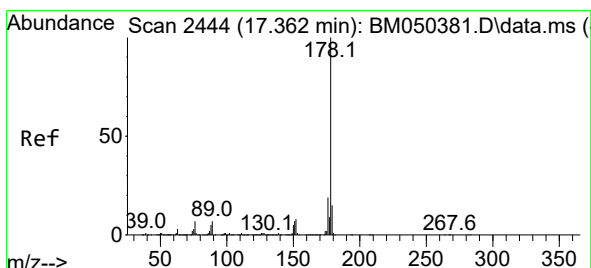
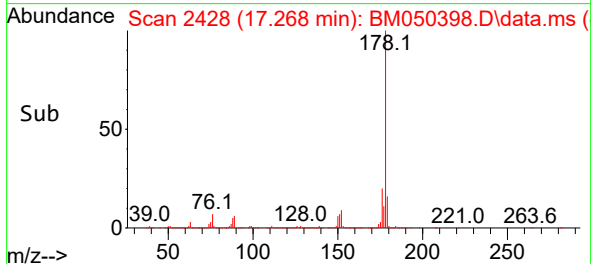
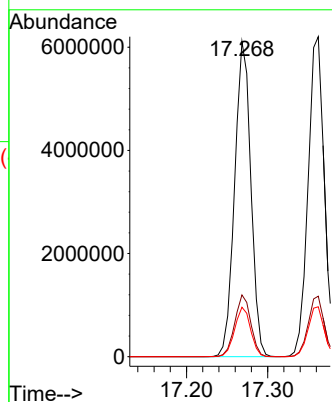
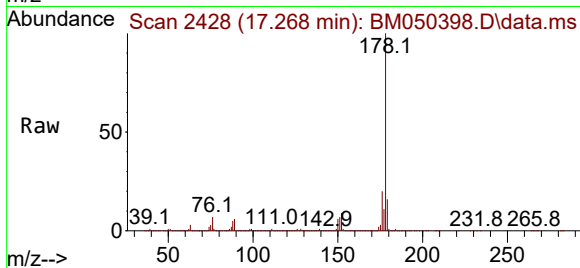
Tgt Ion:178 Resp: 8458203

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

179 15.7 12.5 18.7



#72

Anthracene

Concen: 50.884 ng

RT: 17.362 min Scan# 2444

Delta R.T. 0.000 min

Lab File: BM050398.D

Acq: 10 Jul 2025 20:39

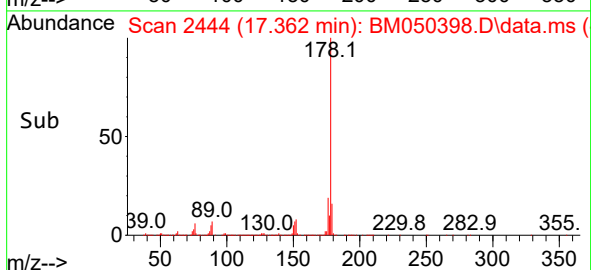
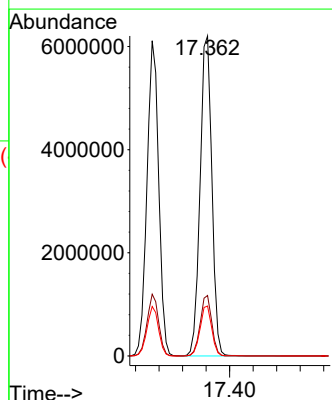
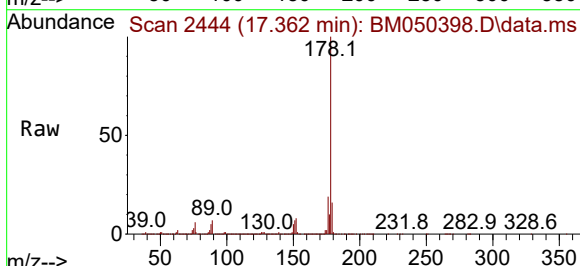
Tgt Ion:178 Resp: 8602361

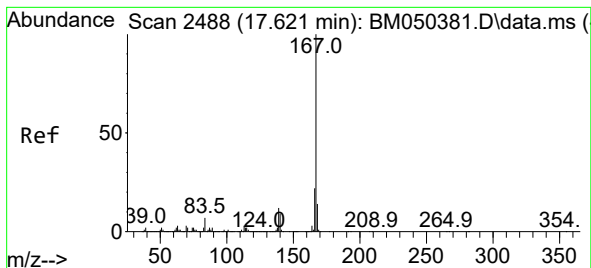
Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

179 15.6 12.2 18.4





#73

Carbazole

Concen: 52.205 ng

RT: 17.621 min Scan# 2488

Delta R.T. 0.000 min

Lab File: BM050398.D

Acq: 10 Jul 2025 20:39

Instrument :

BNA_M

ClientSampleId :

G4(0-6)MS

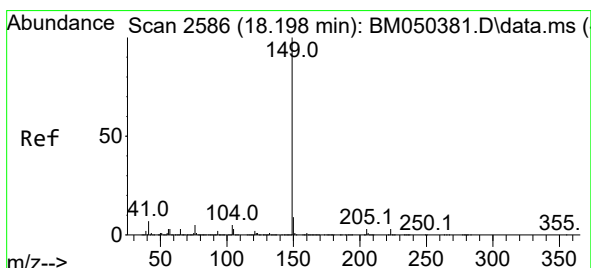
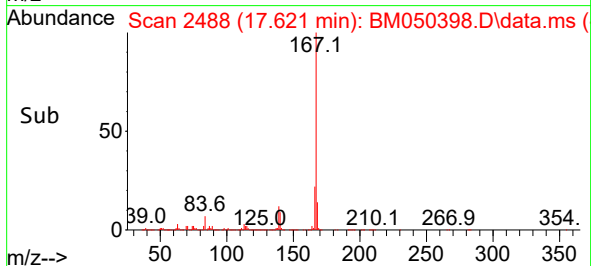
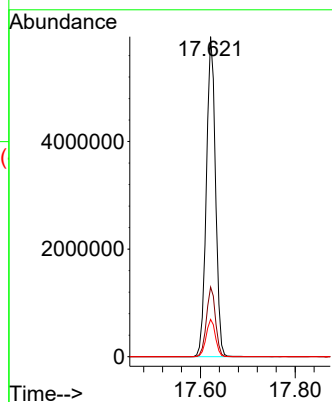
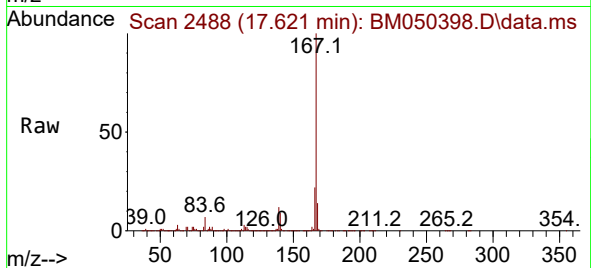
Tgt Ion:167 Resp: 7985603

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 11.7 9.9 14.9



#74

Di-n-butylphthalate

Concen: 55.833 ng

RT: 18.198 min Scan# 2586

Delta R.T. 0.000 min

Lab File: BM050398.D

Acq: 10 Jul 2025 20:39

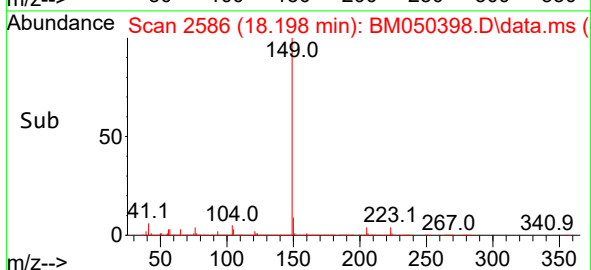
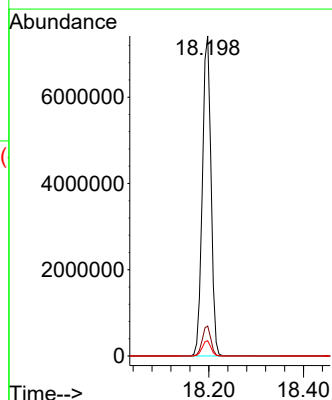
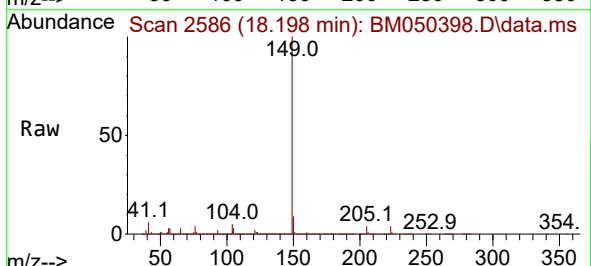
Tgt Ion:149 Resp: 9347956

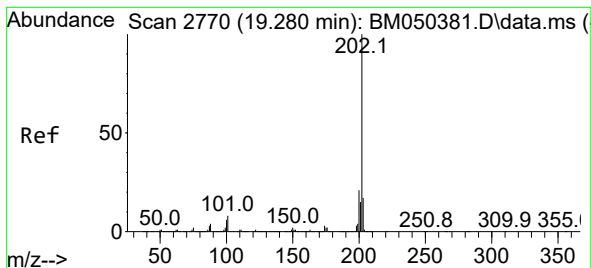
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 4.8 3.9 5.9





#75

Fluoranthene

Concen: 55.311 ng

RT: 19.274 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050398.D

Acq: 10 Jul 2025 20:39

Instrument :

BNA_M

ClientSampleId :

G4(0-6)MS

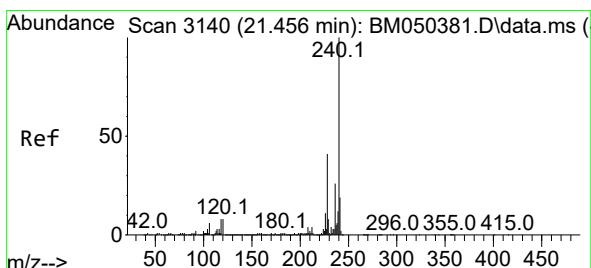
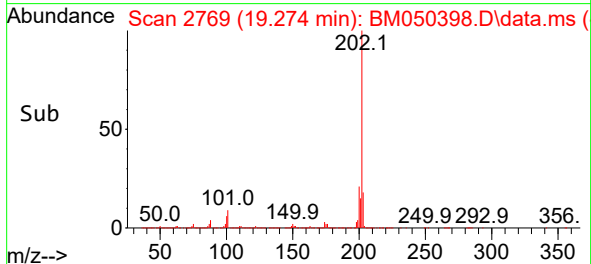
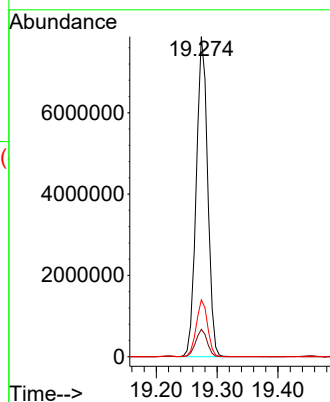
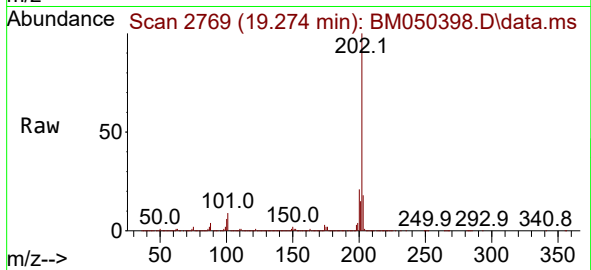
Tgt Ion:202 Resp:10212191

Ion Ratio Lower Upper

202 100

101 8.5 0.0 28.3

203 17.8 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: BM050398.D

Acq: 10 Jul 2025 20:39

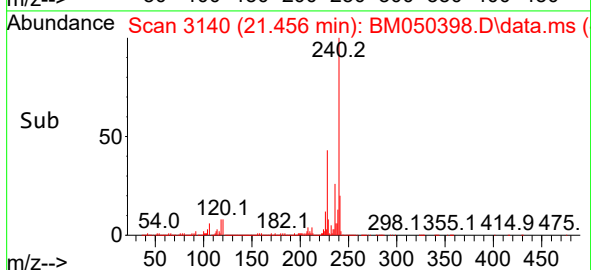
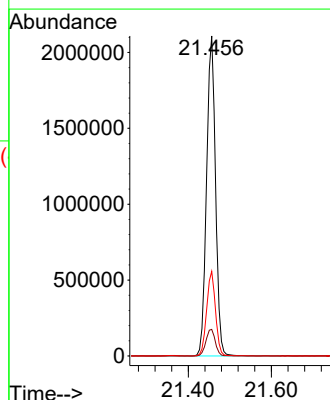
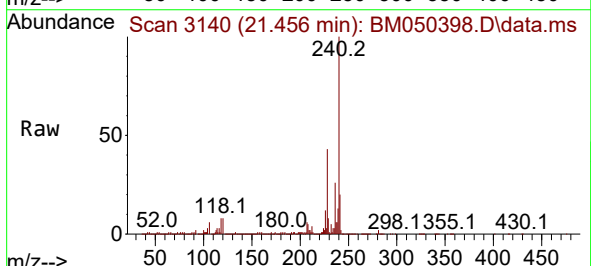
Tgt Ion:240 Resp: 3160884

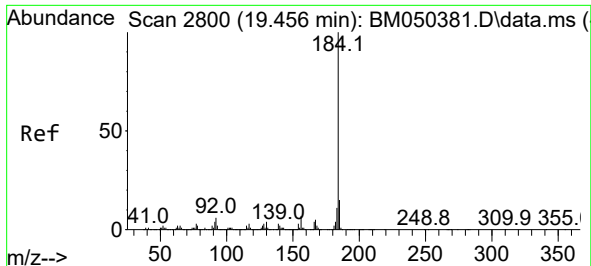
Ion Ratio Lower Upper

240 100

120 8.3 6.7 10.1

236 26.5 20.7 31.1

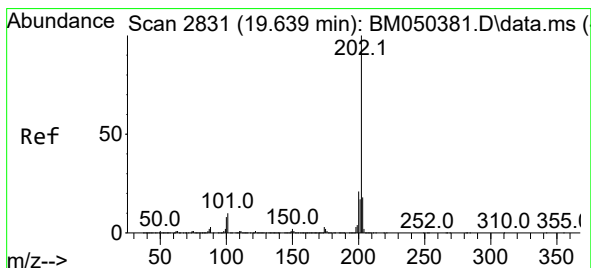
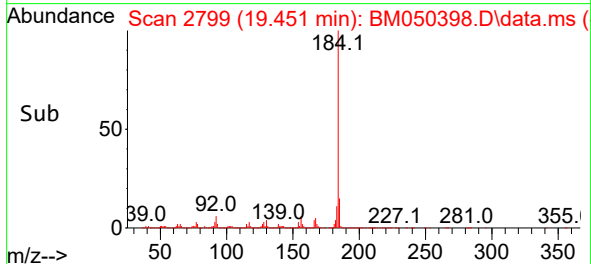
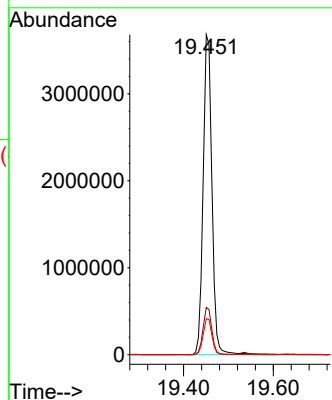
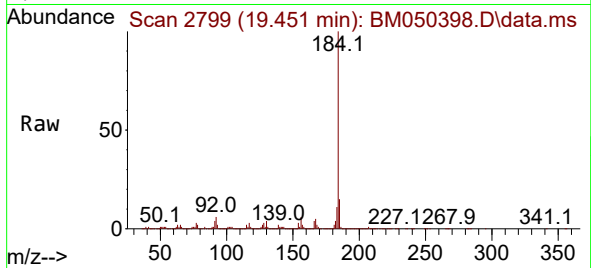




#77
Benzidine
Concen: 62.281 ng
RT: 19.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

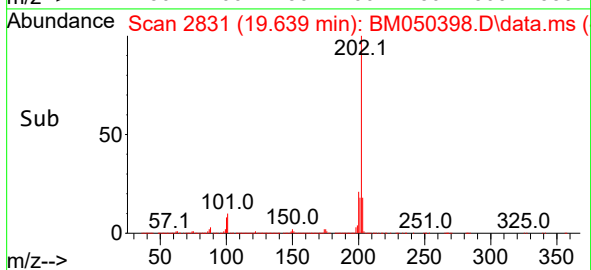
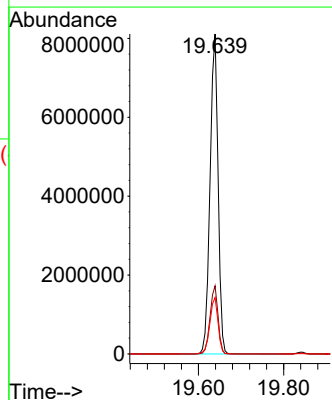
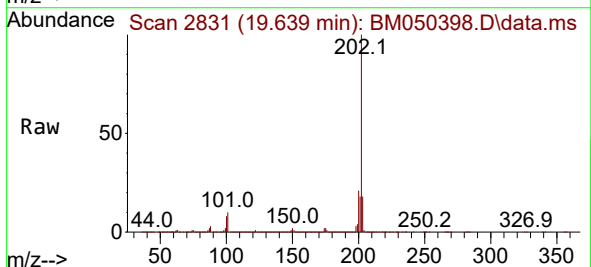
Instrument :
BNA_M
ClientSampleId :
G4(0-6)MS

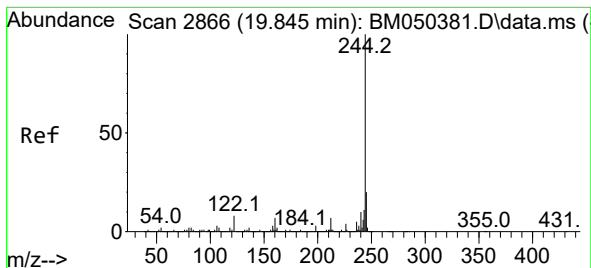
Tgt Ion:184 Resp: 5021242
Ion Ratio Lower Upper
184 100
185 14.7 11.7 17.5
183 11.2 9.0 13.6



#78
Pyrene
Concen: 52.285 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Tgt Ion:202 Resp:10584561
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 76.583 ng

RT: 19.839 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM050398.D

Acq: 10 Jul 2025 20:39

Instrument :

BNA_M

ClientSampleId :

G4(0-6)MS

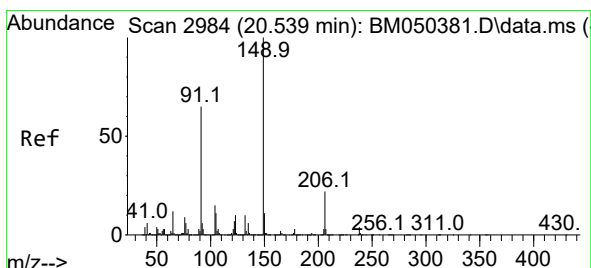
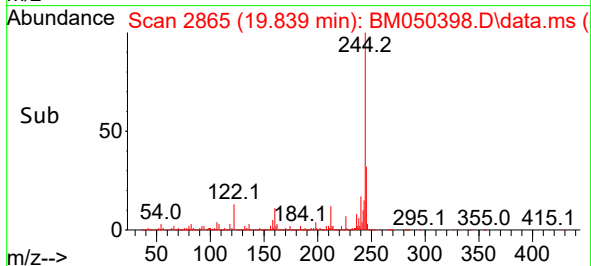
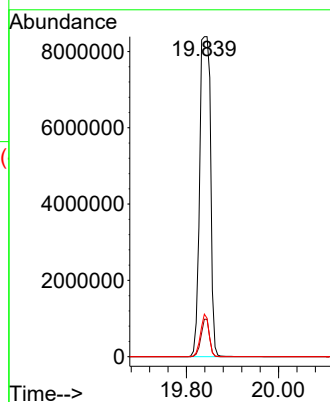
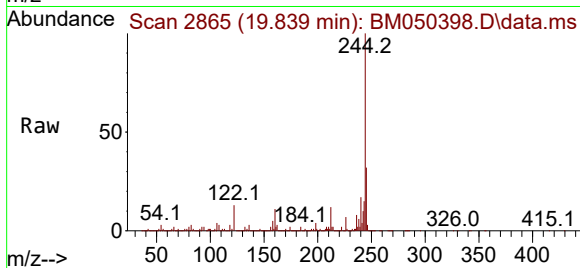
Tgt Ion:244 Resp:13758226

Ion Ratio Lower Upper

244 100

212 11.7 5.7 8.5#

122 13.3 6.2 9.2#



#80

Butylbenzylphthalate

Concen: 63.107 ng

RT: 20.533 min Scan# 2983

Delta R.T. -0.006 min

Lab File: BM050398.D

Acq: 10 Jul 2025 20:39

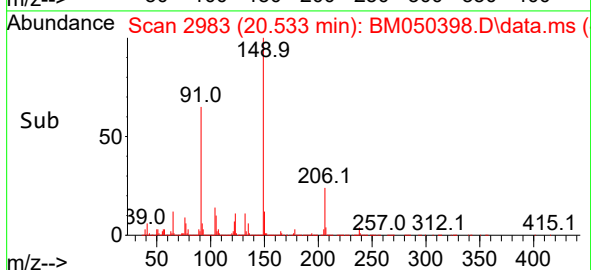
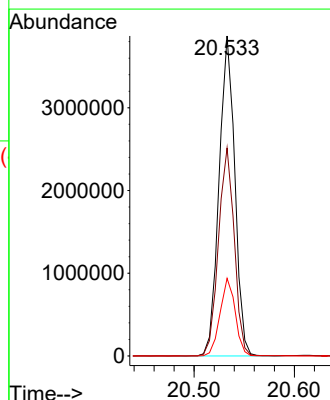
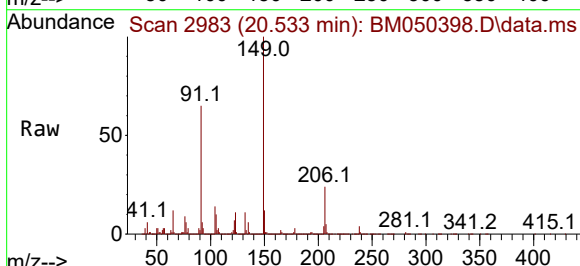
Tgt Ion:149 Resp: 4212458

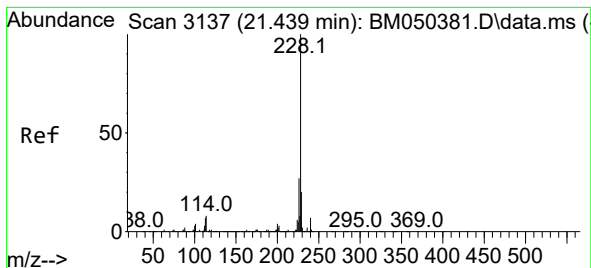
Ion Ratio Lower Upper

149 100

91 65.0 51.6 77.4

206 24.3 17.8 26.8





#81

Benzo(a)anthracene

Concen: 51.721 ng

RT: 21.439 min Scan# 3137

Delta R.T. 0.000 min

Lab File: BM050398.D

Acq: 10 Jul 2025 20:39

Instrument :

BNA_M

ClientSampleId :

G4(0-6)MS

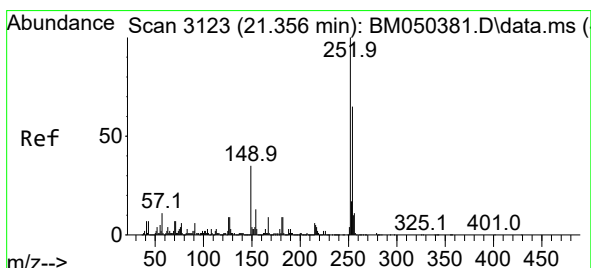
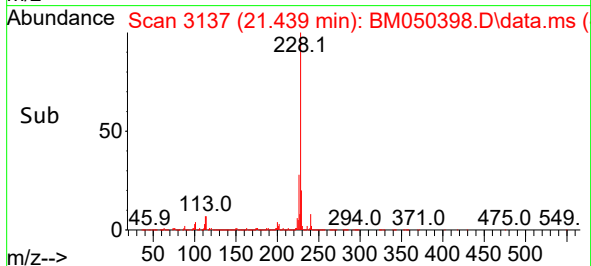
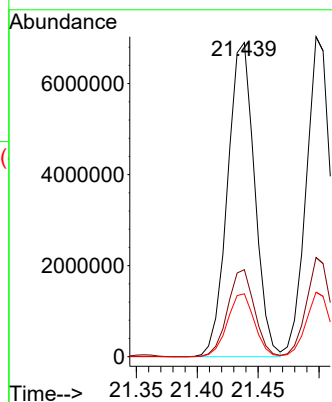
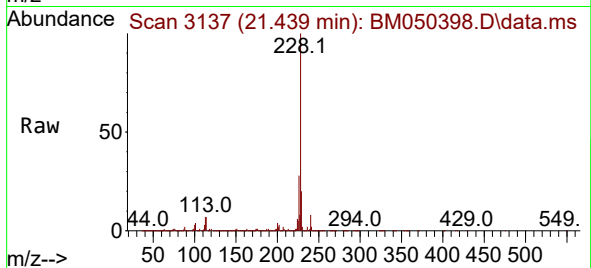
Tgt Ion:228 Resp:10652130

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.8

229 20.1 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 48.206 ng

RT: 21.356 min Scan# 3123

Delta R.T. 0.000 min

Lab File: BM050398.D

Acq: 10 Jul 2025 20:39

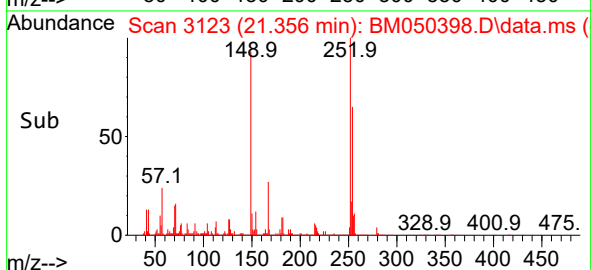
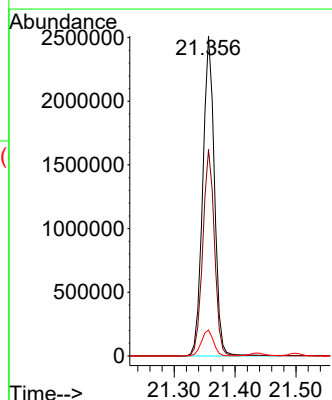
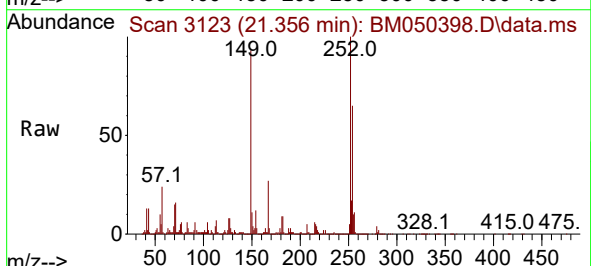
Tgt Ion:252 Resp: 3348107

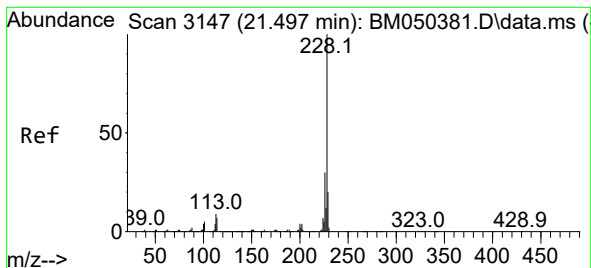
Ion Ratio Lower Upper

252 100

254 64.5 51.7 77.5

126 8.1 7.3 10.9





#83

Chrysene

Concen: 50.772 ng

RT: 21.497 min Scan# 3147

Delta R.T. 0.000 min

Lab File: BM050398.D

Acq: 10 Jul 2025 20:39

Instrument :

BNA_M

ClientSampleId :

G4(0-6)MS

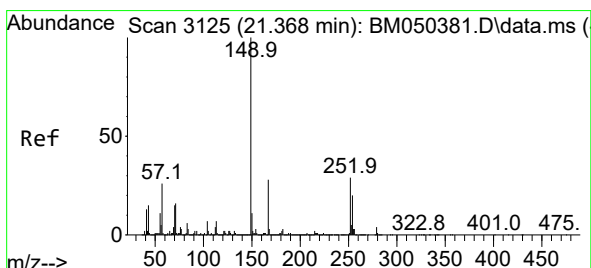
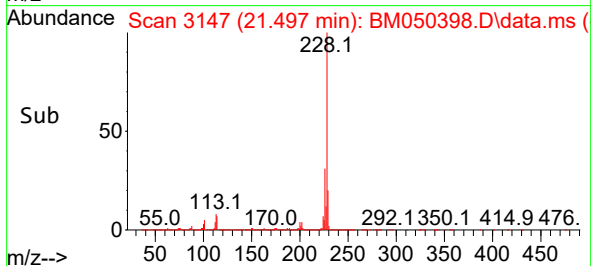
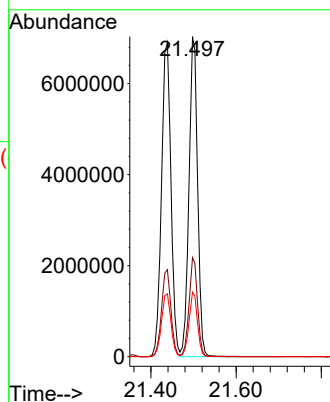
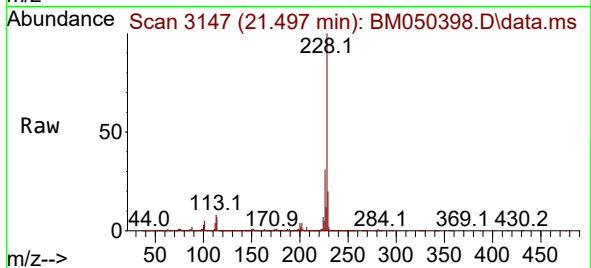
Tgt Ion:228 Resp: 9862925

Ion Ratio Lower Upper

228 100

226 31.0 24.2 36.4

229 20.1 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.000 ng

RT: 21.368 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BM050398.D

Acq: 10 Jul 2025 20:39

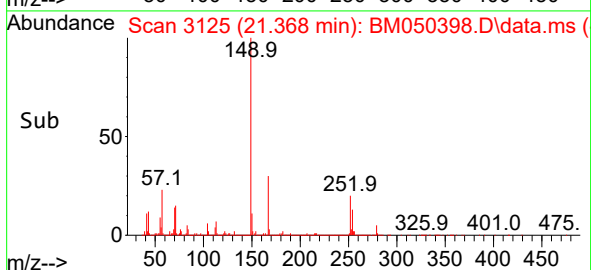
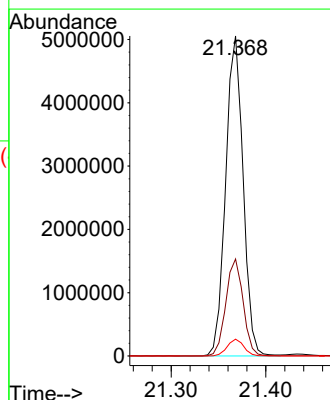
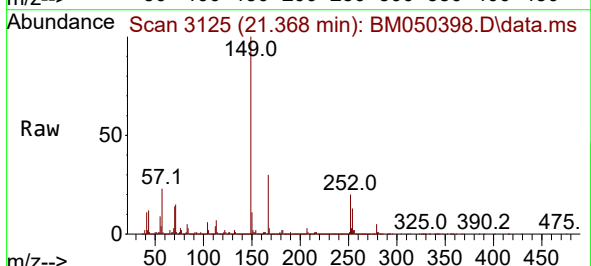
Tgt Ion:149 Resp: 6463875

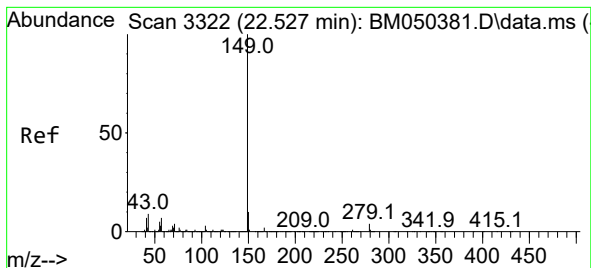
Ion Ratio Lower Upper

149 100

167 30.3 22.7 34.1

279 5.2 3.5 5.3

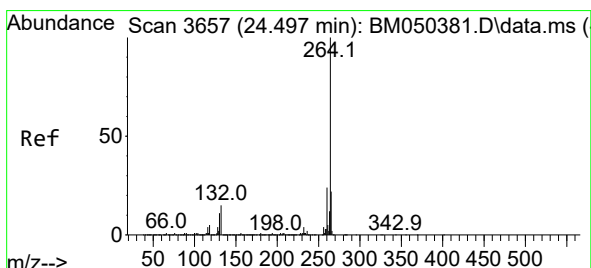
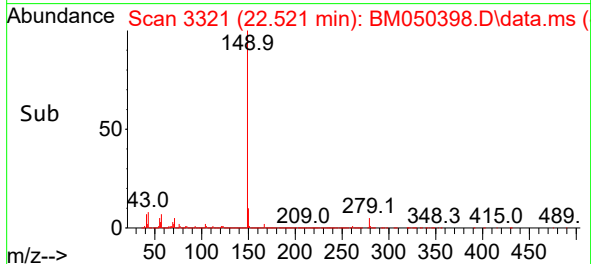
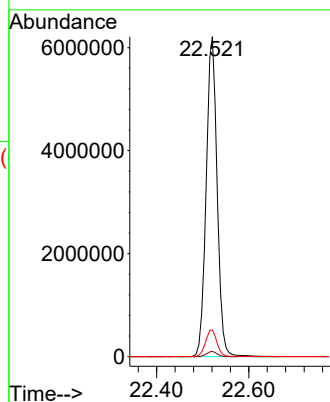
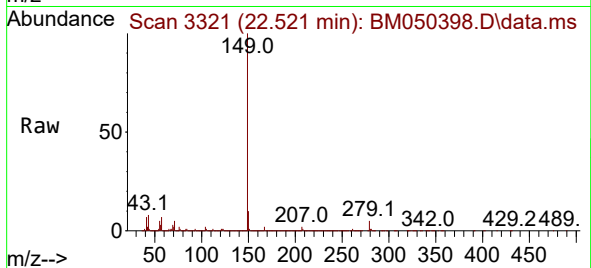




#85
Di-n-octyl phthalate
Concen: 62.050 ng
RT: 22.521 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

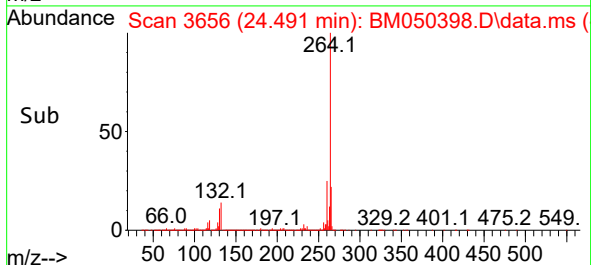
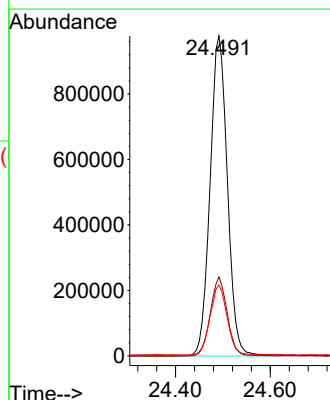
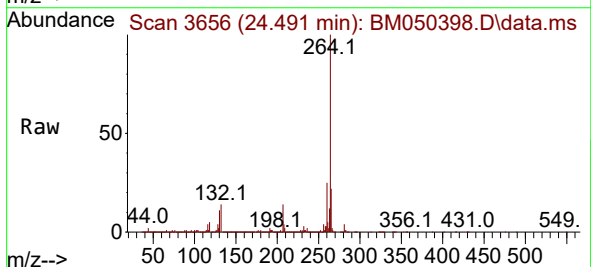
Instrument :
BNA_M
ClientSampleId :
G4(0-6)MS

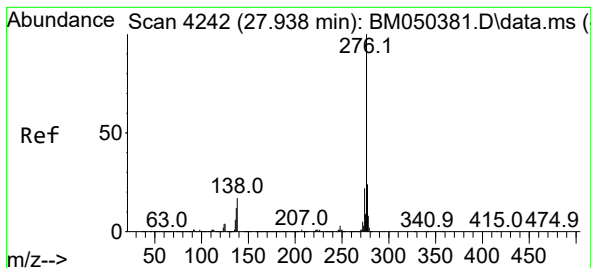
Tgt Ion:149 Resp:10297978
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.7 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.491 min Scan# 3656
Delta R.T. -0.006 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Tgt Ion:264 Resp: 2480587
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 22.2 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.182 ng

RT: 27.932 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM050398.D

Acq: 10 Jul 2025 20:39

Instrument :

BNA_M

ClientSampleId :

G4(0-6)MS

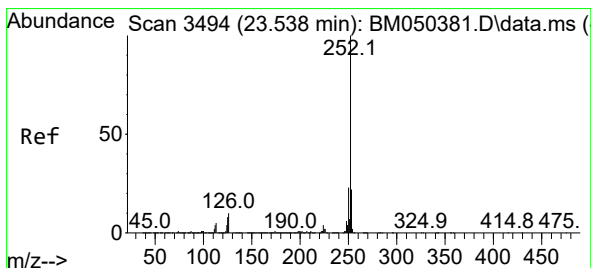
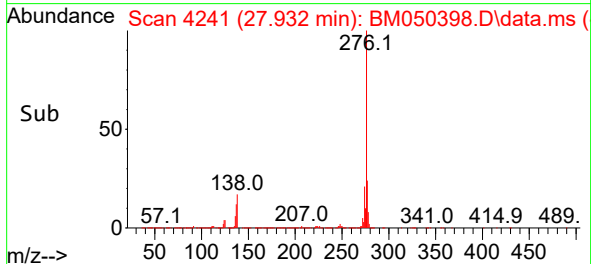
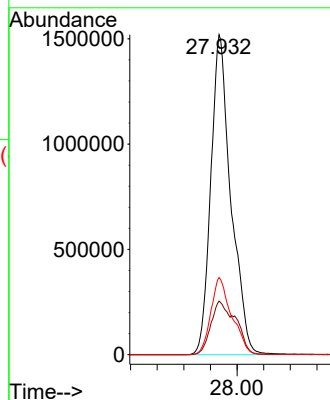
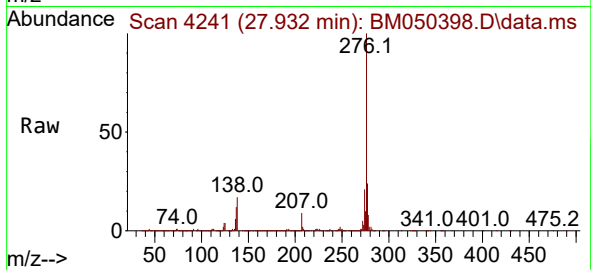
Tgt Ion:276 Resp: 7968564

Ion Ratio Lower Upper

276 100

138 14.1 17.0 25.6#

277 25.1 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 57.405 ng

RT: 23.533 min Scan# 3493

Delta R.T. -0.006 min

Lab File: BM050398.D

Acq: 10 Jul 2025 20:39

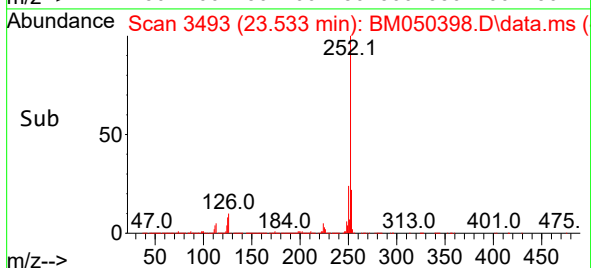
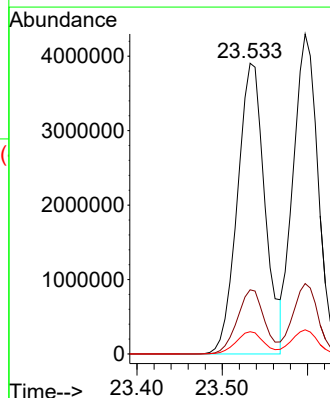
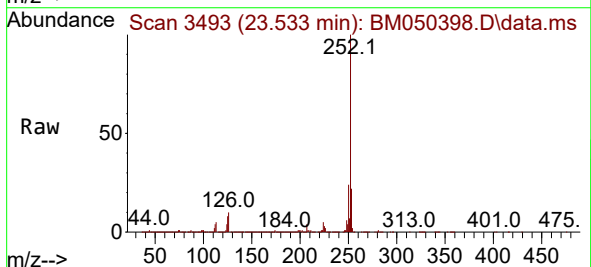
Tgt Ion:252 Resp: 8758935

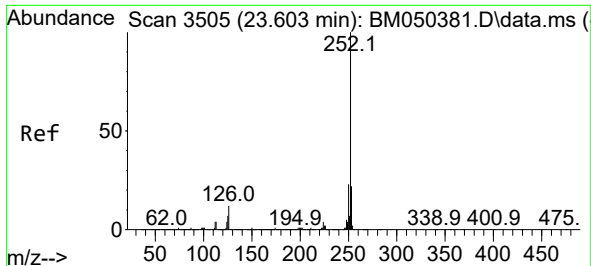
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 7.7 6.3 9.5

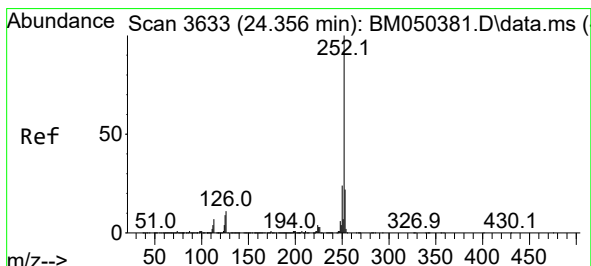
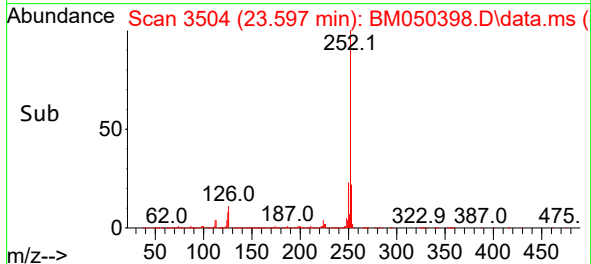
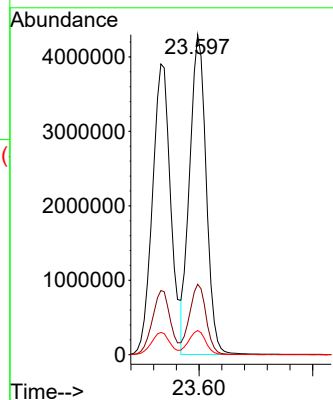
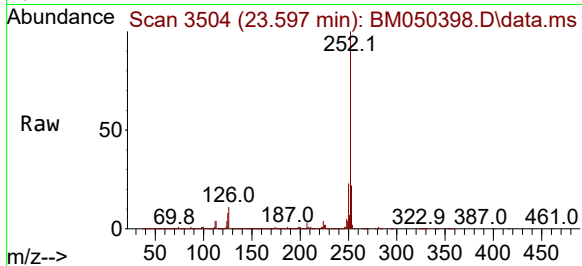




#89
Benzo(k)fluoranthene
Concen: 54.980 ng
RT: 23.597 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

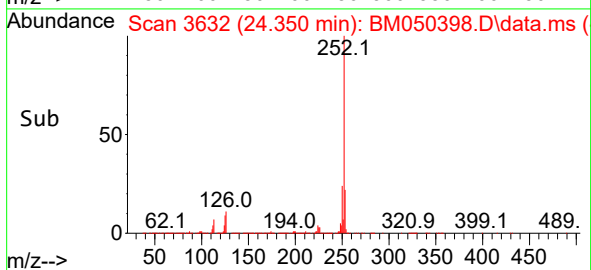
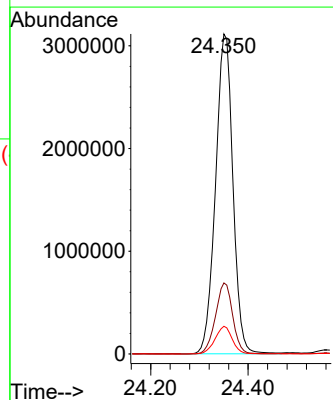
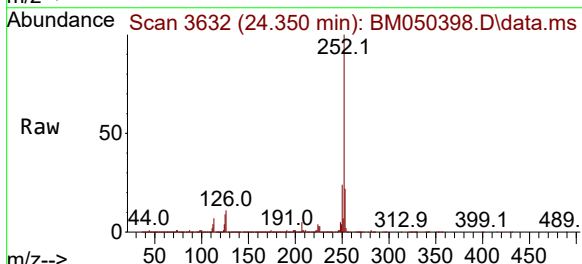
Instrument :
BNA_M
ClientSampleId :
G4(0-6)MS

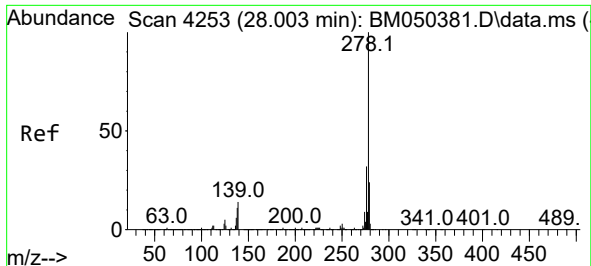
Tgt Ion:252 Resp: 8704573
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 7.5 6.2 9.2



#90
Benzo(a)pyrene
Concen: 54.014 ng
RT: 24.350 min Scan# 3632
Delta R.T. -0.006 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Tgt Ion:252 Resp: 7714979
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 8.7 7.0 10.4

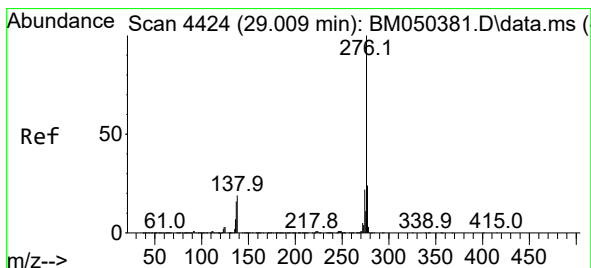
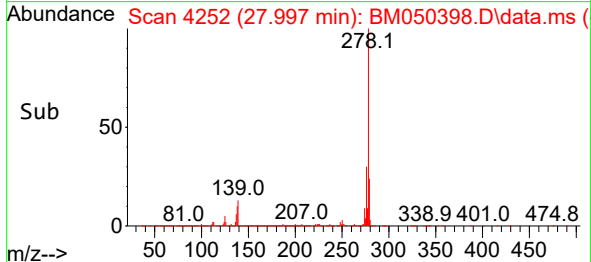
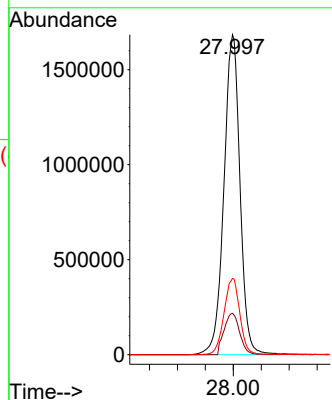
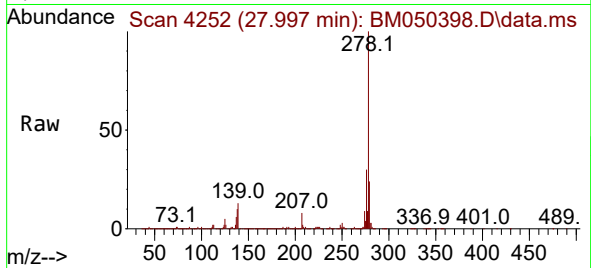




#91
Dibenzo(a,h)anthracene
Concen: 45.300 ng
RT: 27.997 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Instrument :
BNA_M
ClientSampleId :
G4(0-6)MS

Tgt Ion:278 Resp: 6728546
Ion Ratio Lower Upper
278 100
139 12.9 10.8 16.2
279 23.9 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 44.072 ng
RT: 29.003 min Scan# 4423
Delta R.T. -0.006 min
Lab File: BM050398.D
Acq: 10 Jul 2025 20:39

Tgt Ion:276 Resp: 6186792
Ion Ratio Lower Upper
276 100
277 23.6 19.1 28.7
138 18.0 14.9 22.3

