

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050223.D
 Acq On : 06 Jun 2025 21:23
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 07 01:20:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 16:20:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	279322	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1074646	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	577654	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1020063	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1029161	20.000	ng	0.00
86) Perylene-d12	24.362	264	1065458	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1353355	80.824	ng	0.00
7) Phenol-d6	6.945	99	1686490	76.511	ng	-0.01
23) Nitrobenzene-d5	8.933	82	1645142	79.618	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	498629	75.890	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	3395819	79.588	ng	-0.01
79) Terphenyl-d14	19.774	244	4196425	77.270	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	294143	40.075	ng	92
3) Pyridine	3.687	79	773714	40.706	ng	94
4) n-Nitrosodimethylamine	3.593	42	160297	40.783	ng	96
6) Aniline	7.110	93	1105472	37.937	ng	97
8) 2-Chlorophenol	7.351	128	717000	38.929	ng	98
9) Benzaldehyde	6.922	77	477419	34.066	ng	95
10) Phenol	6.975	94	902605	38.701	ng	99
11) bis(2-Chloroethyl)ether	7.210	93	735791	39.223	ng	97
12) 1,3-Dichlorobenzene	7.675	146	792885	38.507	ng	96
13) 1,4-Dichlorobenzene	7.822	146	813141	37.956	ng	99
14) 1,2-Dichlorobenzene	8.139	146	776725	38.032	ng	100
15) Benzyl Alcohol	8.016	79	575561	36.610	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	568952	43.660	ng	94
17) 2-Methylphenol	8.222	107	575360	37.389	ng	98
18) Hexachloroethane	8.869	117	308659	39.784	ng	96
19) n-Nitroso-di-n-propyla...	8.592	70	507008	37.587	ng	99
20) 3+4-Methylphenols	8.545	107	754331	36.639	ng	99
22) Acetophenone	8.604	105	1036133	38.593	ng	# 98
24) Nitrobenzene	8.975	77	755843	40.220	ng	98
25) Isophorone	9.504	82	1337935	37.515	ng	99
26) 2-Nitrophenol	9.686	139	300923	37.096	ng	97
27) 2,4-Dimethylphenol	9.751	122	625059	37.501	ng	99
28) bis(2-Chloroethoxy)met...	9.986	93	893708	38.359	ng	100
29) 2,4-Dichlorophenol	10.216	162	578845	37.529	ng	98
30) 1,2,4-Trichlorobenzene	10.439	180	654471	38.131	ng	99
31) Naphthalene	10.622	128	2107998	37.940	ng	99
32) Benzoic acid	9.851	122	311122	29.702	ng	97
33) 4-Chloroaniline	10.722	127	875911	36.977	ng	98
34) Hexachlorobutadiene	10.922	225	381906	37.408	ng	99
35) Caprolactam	11.486	113	165311	33.806	ng	90
36) 4-Chloro-3-methylphenol	11.845	107	592093	35.975	ng	97
37) 2-Methylnaphthalene	12.233	142	1230954	36.724	ng	100
38) 1-Methylnaphthalene	12.457	142	1313757	36.928	ng	99
40) 1,2,4,5-Tetrachloroben...	12.604	216	675973	40.525	ng	99
41) Hexachlorocyclopentadiene	12.592	237	399414	39.429	ng	99
43) 2,4,6-Trichlorophenol	12.839	196	425186	38.762	ng	99

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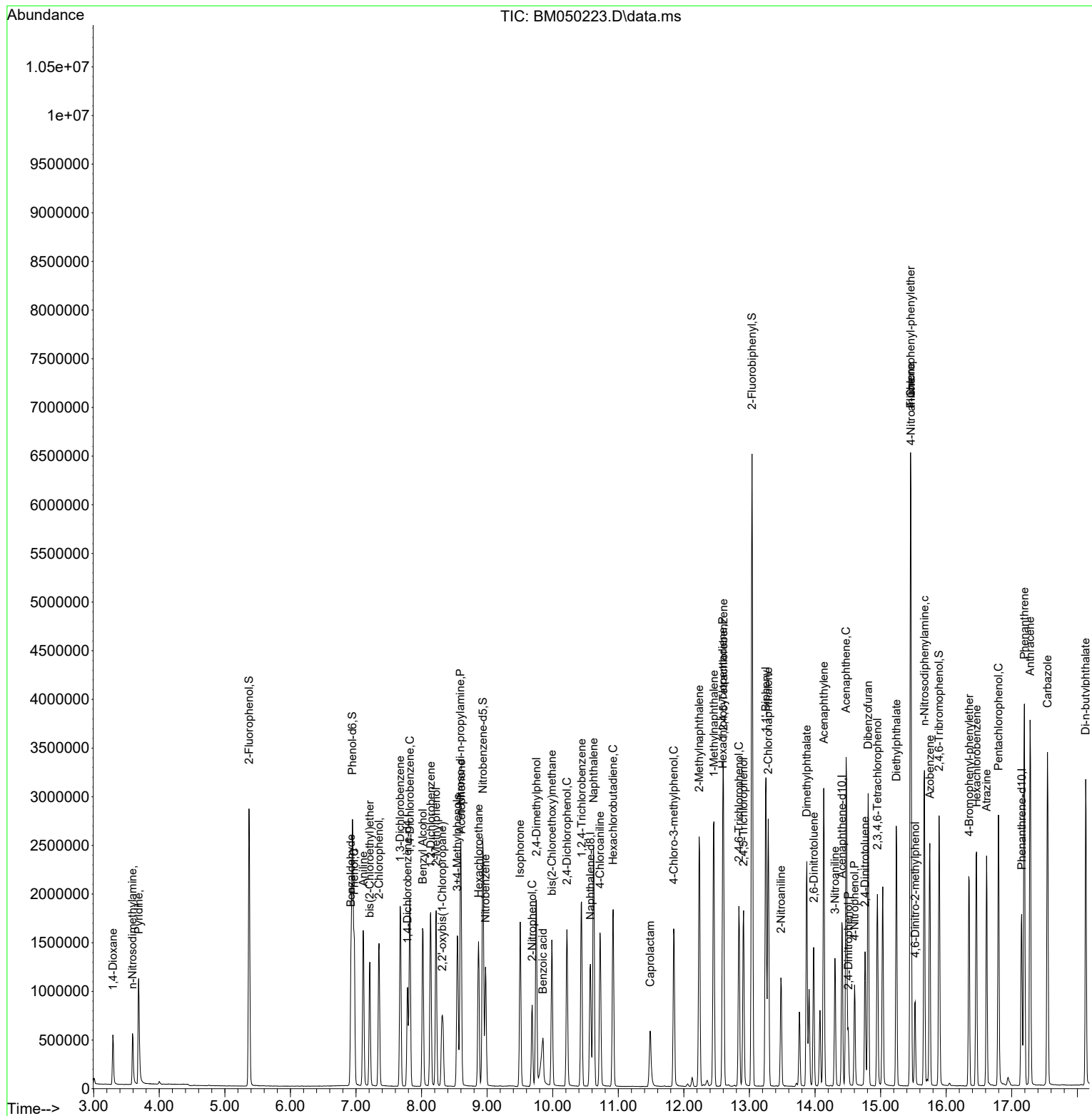
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.910	196	463907	38.519	ng	97
46) 1,1'-Biphenyl	13.251	154	1694151	39.167	ng	98
47) 2-Chloronaphthalene	13.286	162	1328038	39.493	ng	99
48) 2-Nitroaniline	13.480	65	298598	40.350	ng	89
49) Acenaphthylene	14.133	152	2111382	38.819	ng	100
50) Dimethylphthalate	13.874	163	1481820	37.931	ng	100
51) 2,6-Dinitrotoluene	13.980	165	307517	39.033	ng	94
52) Acenaphthene	14.474	154	1294998	38.066	ng	99
53) 3-Nitroaniline	14.304	138	338138	38.510	ng	99
54) 2,4-Dinitrophenol	14.510	184	115027	26.201	ng	97
55) Dibenzofuran	14.810	168	1906439	38.304	ng	99
56) 4-Nitrophenol	14.604	139	280733	37.564	ng	97
57) 2,4-Dinitrotoluene	14.762	165	388856	37.416	ng	93
58) Fluorene	15.457	166	1477480	38.758	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.951	232	394382	37.849	ng	98
60) Diethylphthalate	15.239	149	1487176	38.367	ng	99
61) 4-Chlorophenyl-phenylether	15.457	204	697257	37.846	ng	99
62) 4-Nitroaniline	15.462	138	311884	37.897	ng	98
63) Azobenzene	15.751	77	1541719	39.793	ng	97
65) 4,6-Dinitro-2-methylph...	15.527	198	188089	33.760	ng	95
66) n-Nitrosodiphenylamine	15.668	169	1269360	39.604	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	420416	38.649	ng	98
68) Hexachlorobenzene	16.462	284	498038	39.187	ng	97
69) Atrazine	16.615	200	396810	38.856	ng	98
70) Pentachlorophenol	16.798	266	450080	54.470	ng	100
71) Phenanthrene	17.192	178	2277503	39.083	ng	100
72) Anthracene	17.280	178	2281838	39.142	ng	100
73) Carbazole	17.545	167	2105934	39.653	ng	100
74) Di-n-butylphthalate	18.127	149	2353514	40.728	ng	99
75) Fluoranthene	19.203	202	2422364	39.418	ng	98
77) Benzidine	19.386	184	1033142	35.698	ng	100
78) Pyrene	19.562	202	2610878	37.639	ng	100
80) Butylbenzylphthalate	20.474	149	866505	37.449	ng	97
81) Benzo(a)anthracene	21.362	228	2505653	38.465	ng	100
82) 3,3'-Dichlorobenzidine	21.280	252	749445	37.727	ng	98
83) Chrysene	21.421	228	2388286	38.543	ng	99
84) Bis(2-ethylhexyl)phtha...	21.309	149	1460030	40.966	ng	98
85) Di-n-octyl phthalate	22.450	149	2044079	38.650	ng	99
87) Indeno(1,2,3-cd)pyrene	27.732	276	2875354	41.913	ng	100
88) Benzo(b)fluoranthene	23.421	252	2450263	39.555	ng	99
89) Benzo(k)fluoranthene	23.485	252	2487954	39.343	ng	100
90) Benzo(a)pyrene	24.227	252	2330101	40.007	ng	99
91) Dibenzo(a,h)anthracene	27.797	278	2295279	41.219	ng	100
92) Benzo(g,h,i)perylene	28.773	276	2372730	42.573	ng	98

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

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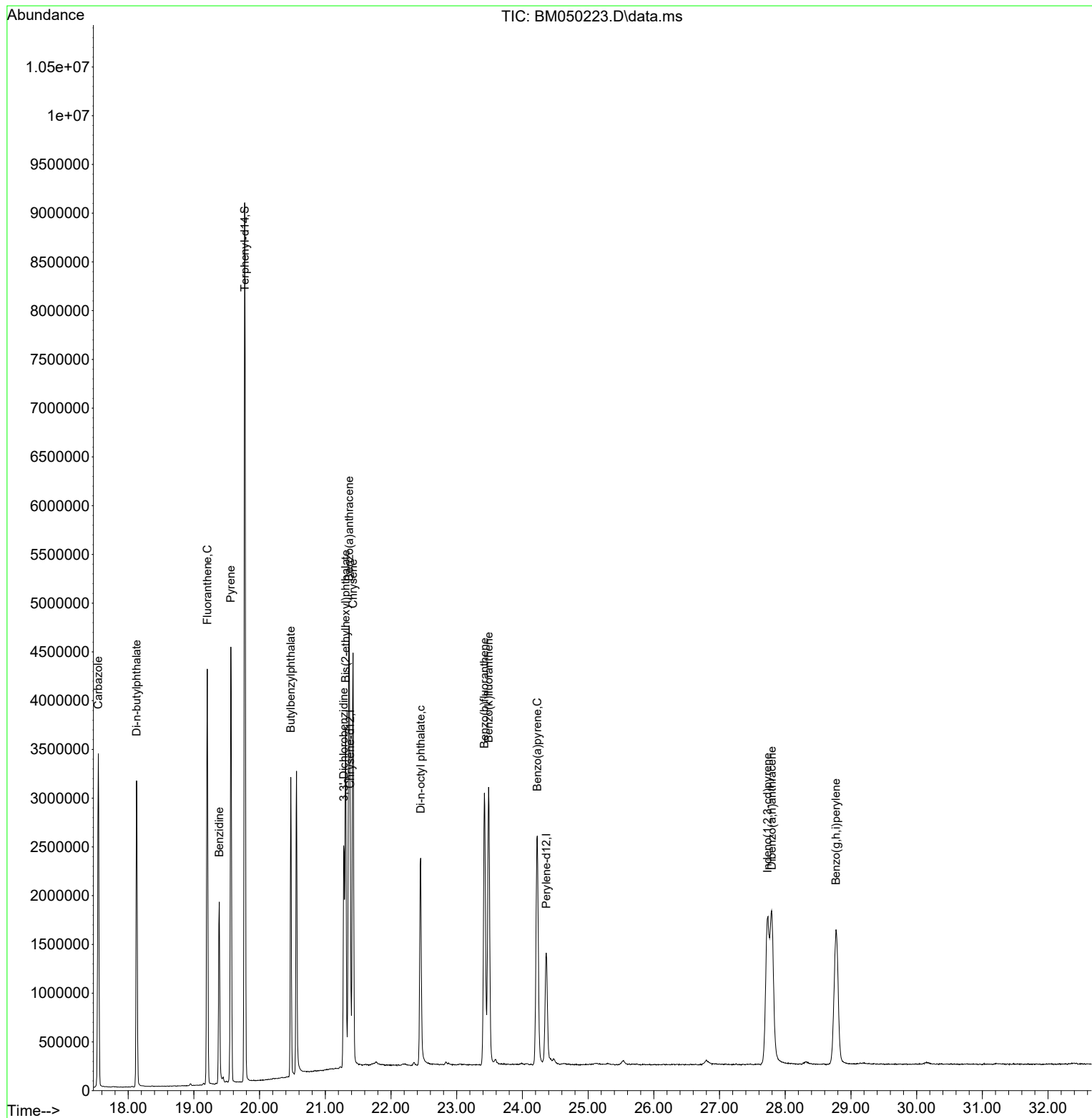
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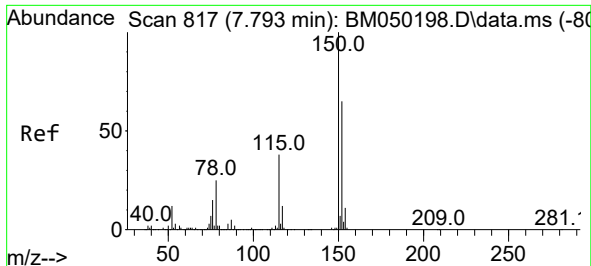


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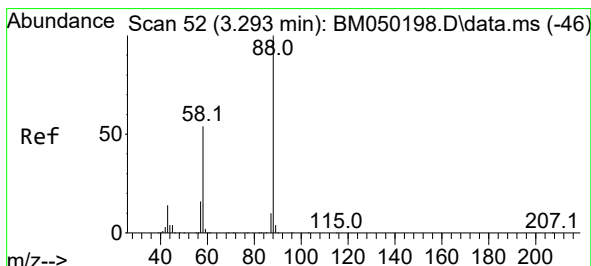
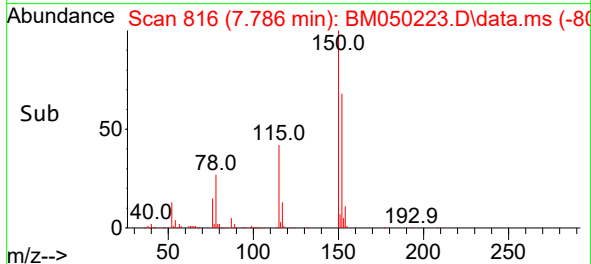
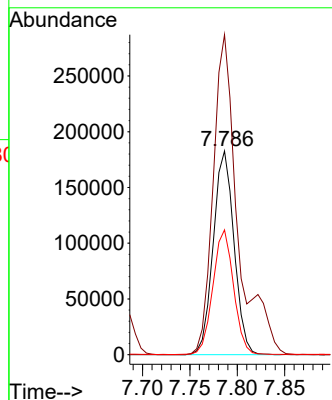
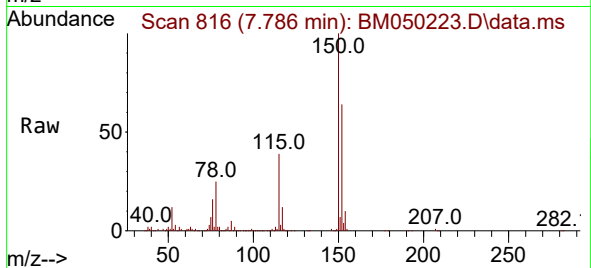




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.786 min Scan# 81
Delta R.T. -0.007 min
Lab File: BM050223.D
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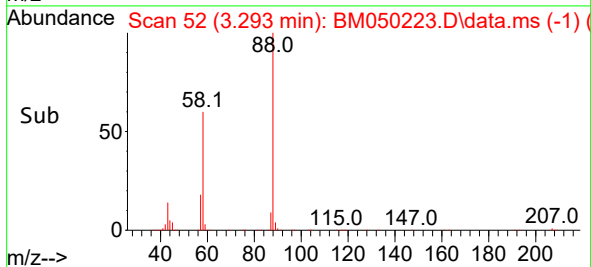
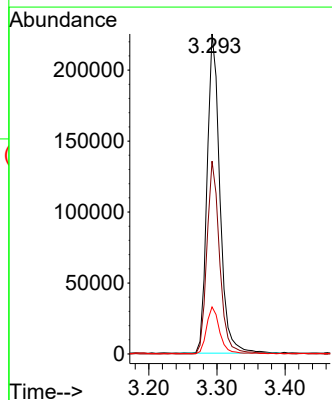
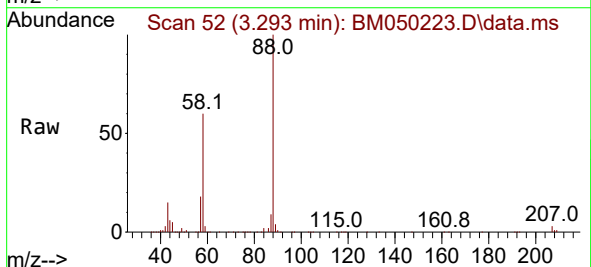
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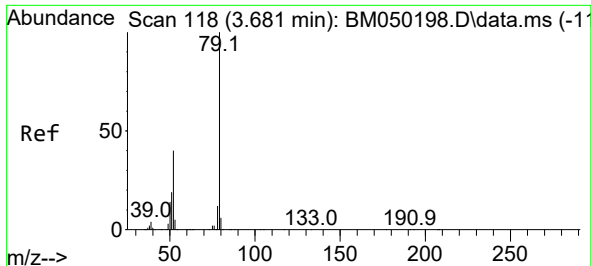
Tgt Ion:152 Resp: 279322
Ion Ratio Lower Upper
152 100
150 157.1 122.2 183.4
115 61.3 46.3 69.5



#2
1,4-Dioxane
Concen: 40.075 ng
RT: 3.293 min Scan# 52
Delta R.T. -0.000 min
Lab File: BM050223.D
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Tgt Ion: 88 Resp: 294143
Ion Ratio Lower Upper
88 100
58 60.3 42.9 64.3
43 14.8 11.0 16.6

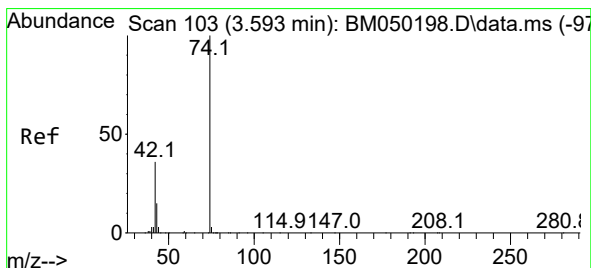
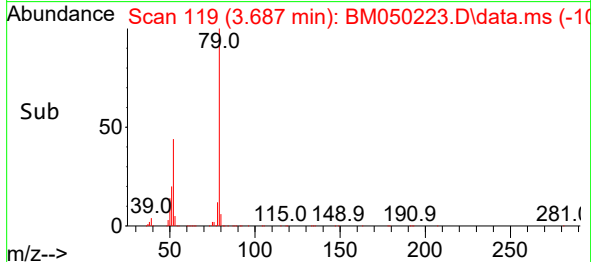
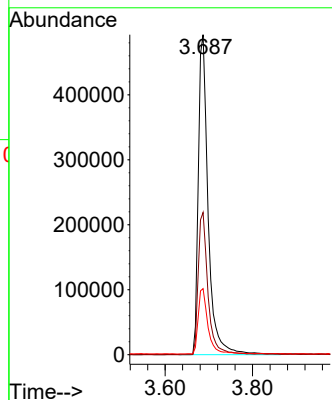
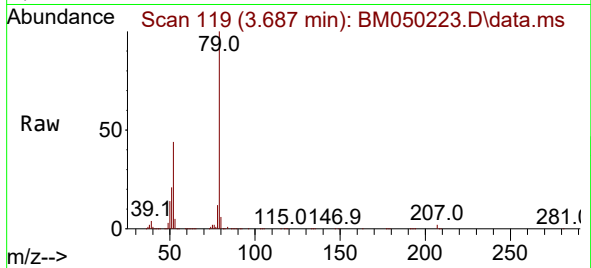




#3
Pyridine
Concen: 40.706 ng
RT: 3.687 min Scan# 118
Delta R.T. 0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

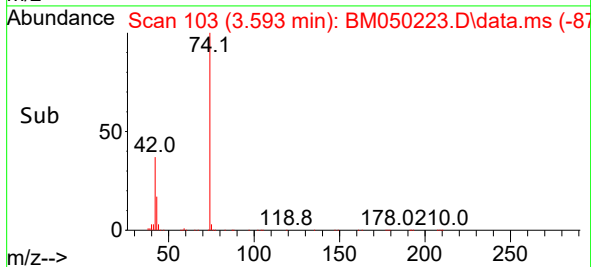
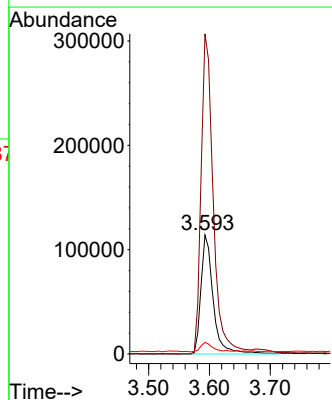
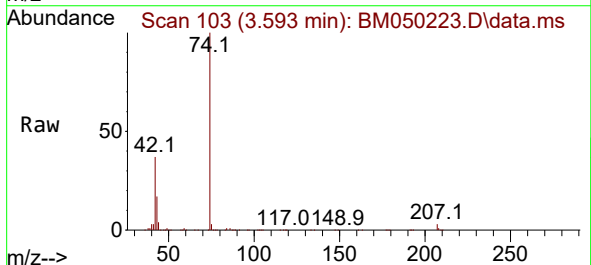
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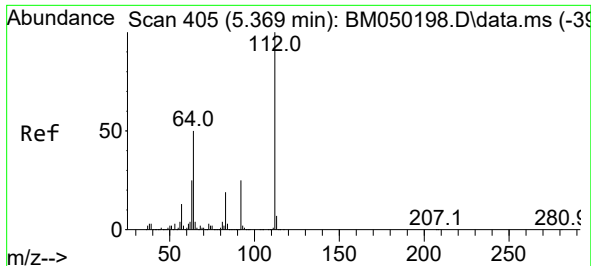
Tgt Ion: 79 Resp: 773714
Ion Ratio Lower Upper
79 100
52 44.5 32.1 48.1
51 20.7 15.4 23.0



#4
n-Nitrosodimethylamine
Concen: 40.783 ng
RT: 3.593 min Scan# 103
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion: 42 Resp: 160297
Ion Ratio Lower Upper
42 100
74 269.1 222.0 333.0
44 9.7 7.0 10.6

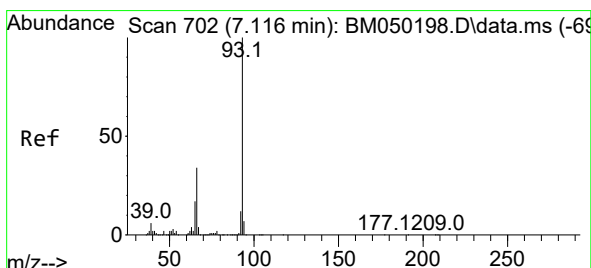
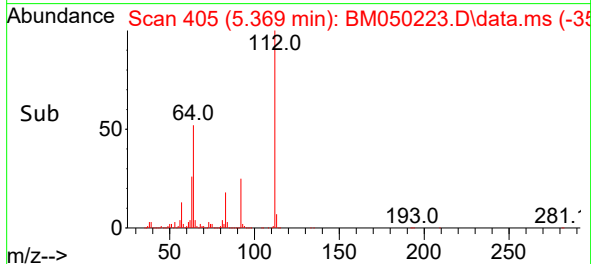
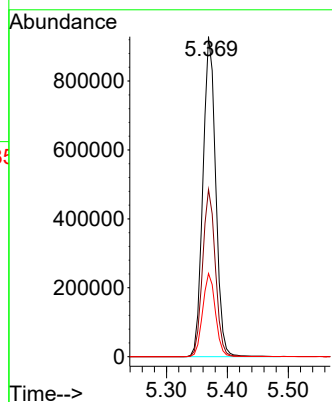
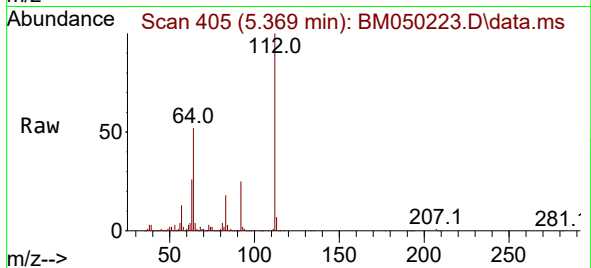




#5
2-Fluorophenol
Concen: 80.824 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.006 min
Lab File: BM050223.D
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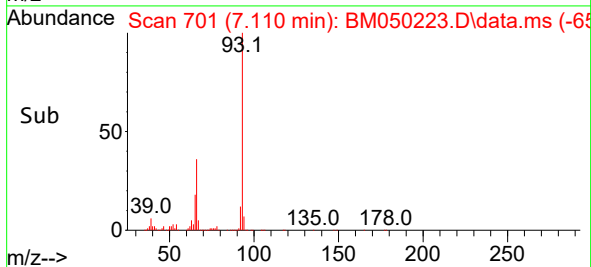
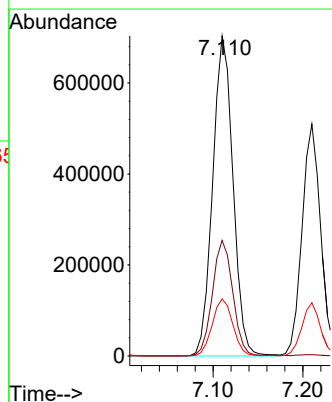
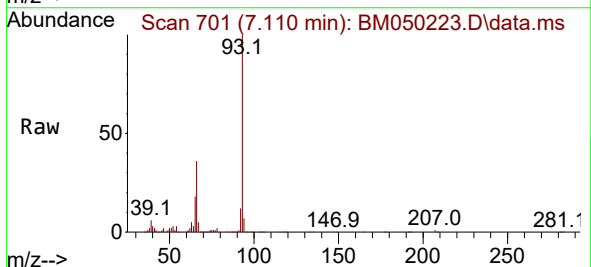
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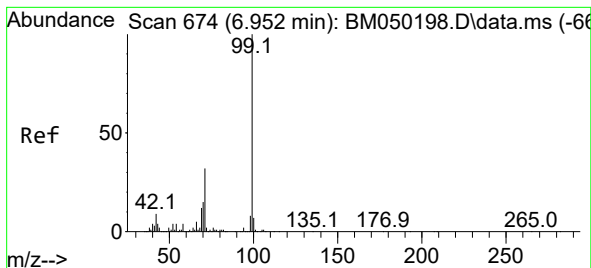
Tgt Ion:112 Resp: 1353355
Ion Ratio Lower Upper
112 100
64 52.2 39.8 59.6
63 26.0 19.8 29.8



#6
Aniline
Concen: 37.937 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion: 93 Resp: 1105472
Ion Ratio Lower Upper
93 100
66 36.1 27.4 41.2
65 17.8 13.6 20.4

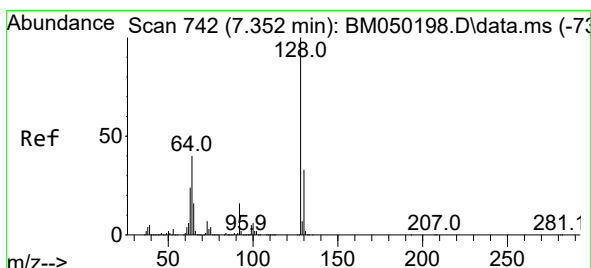
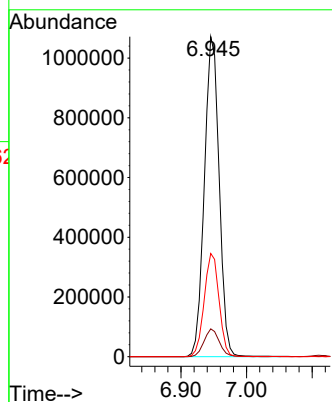
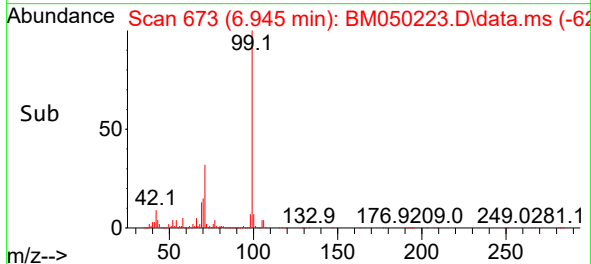
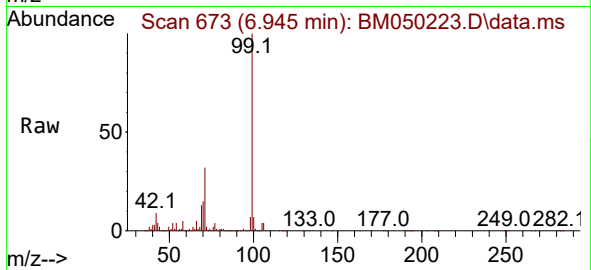




#7
Phenol-d6
Concen: 76.511 ng
RT: 6.945 min Scan# 61
Delta R.T. -0.012 min
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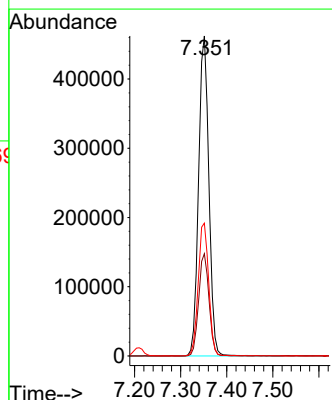
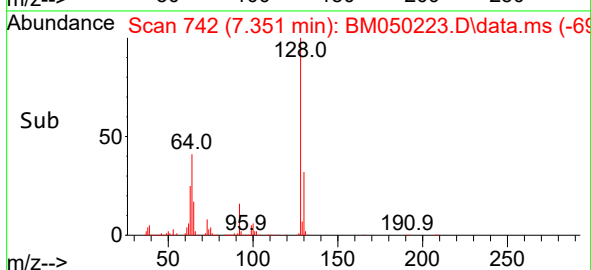
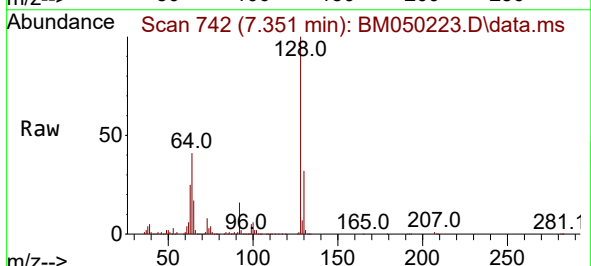
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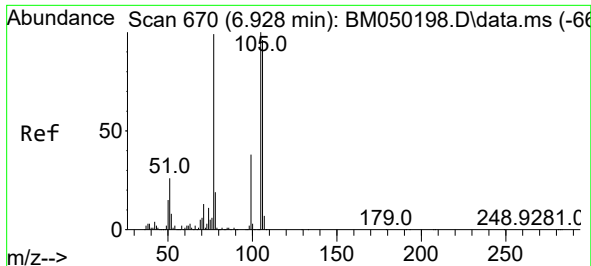
Tgt Ion: 99 Resp: 1686490
Ion Ratio Lower Upper
99 100
42 8.7 6.9 10.3
71 32.2 25.3 37.9



#8
2-Chlorophenol
Concen: 38.929 ng
RT: 7.351 min Scan# 742
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion: 128 Resp: 717000
Ion Ratio Lower Upper
128 100
130 32.0 12.6 52.6
64 41.5 19.8 59.8

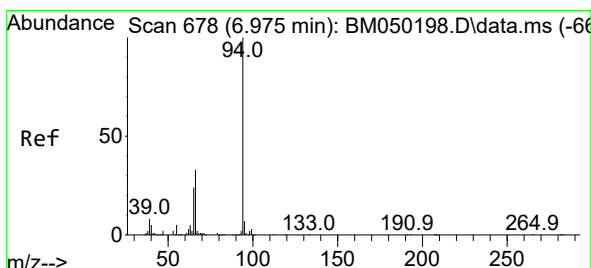
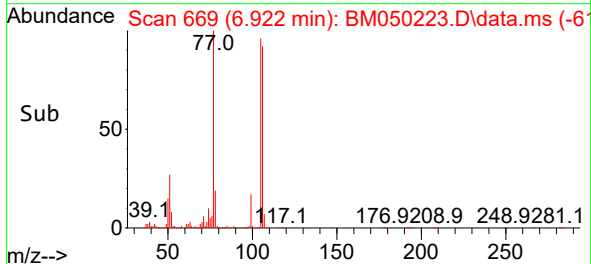
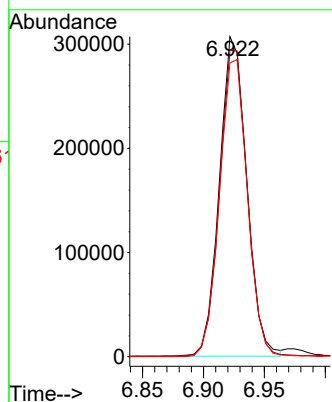
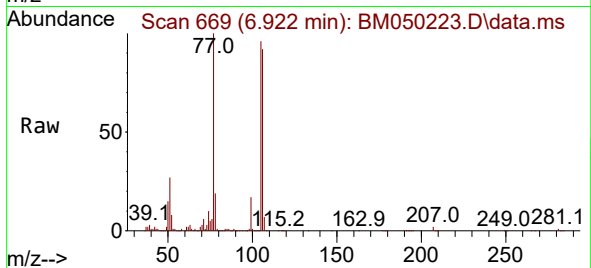




#9
Benzaldehyde
Concen: 34.066 ng
RT: 6.922 min Scan# 670
Delta R.T. -0.006 min
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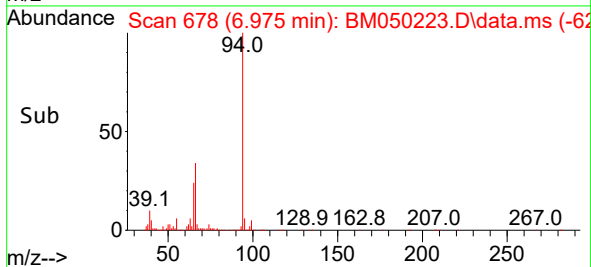
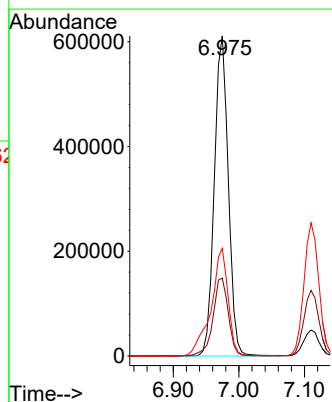
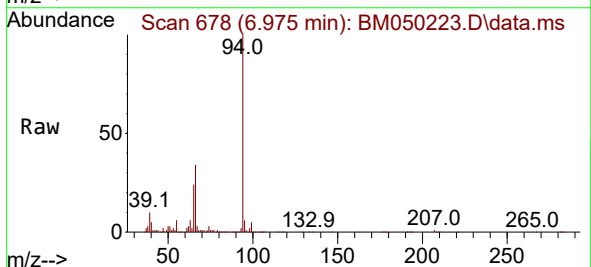
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BNA_M
ClientSampleId :
SSTDCCC040

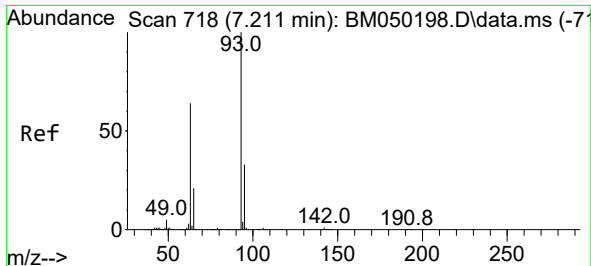
Tgt Ion: 77 Resp: 477419
Ion Ratio Lower Upper
77 100
105 95.8 80.9 120.9
106 91.8 77.1 117.1



#10
Phenol
Concen: 38.701 ng
RT: 6.975 min Scan# 678
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion: 94 Resp: 902605
Ion Ratio Lower Upper
94 100
65 24.4 4.3 44.3
66 33.7 12.9 52.9

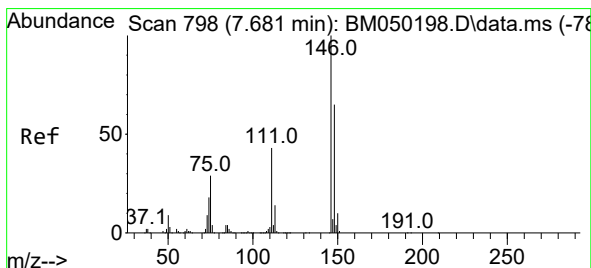
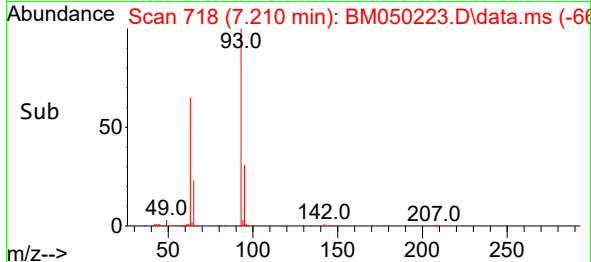
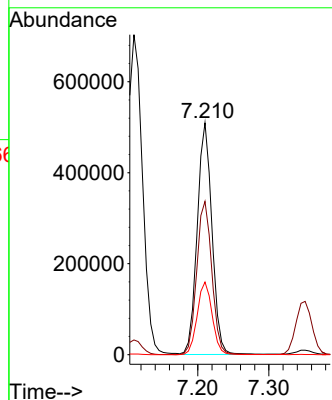
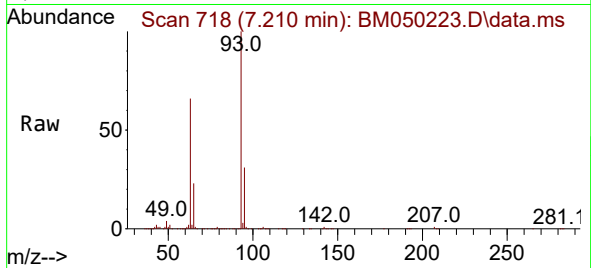




#11
bis(2-Chloroethyl)ether
Concen: 39.223 ng
RT: 7.210 min Scan# 718
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

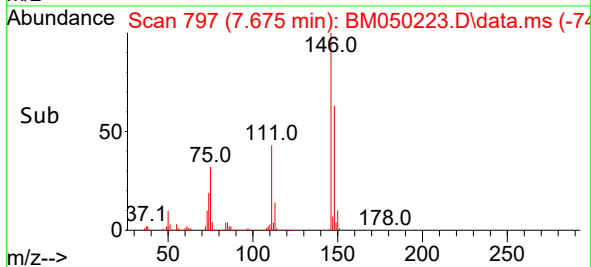
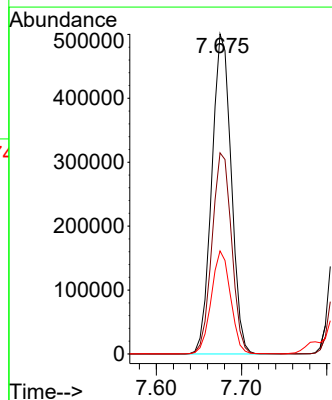
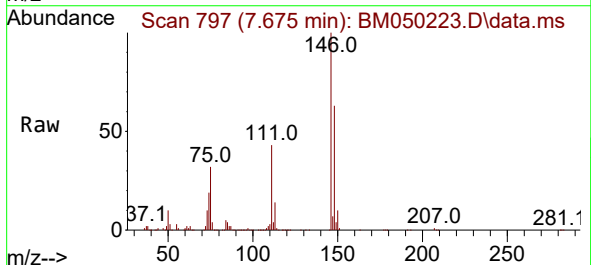
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

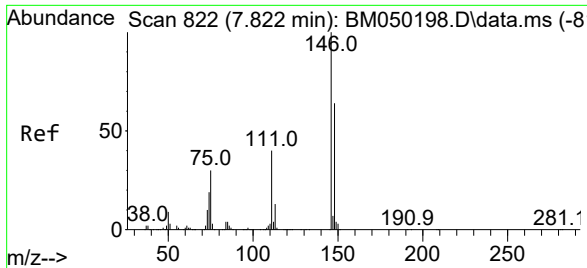
Tgt Ion: 93 Resp: 735791
Ion Ratio Lower Upper
93 100
63 66.1 43.9 83.9
95 31.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 38.507 ng
RT: 7.675 min Scan# 797
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion:146 Resp: 792885
Ion Ratio Lower Upper
146 100
148 62.8 51.9 77.9
75 32.2 23.4 35.0

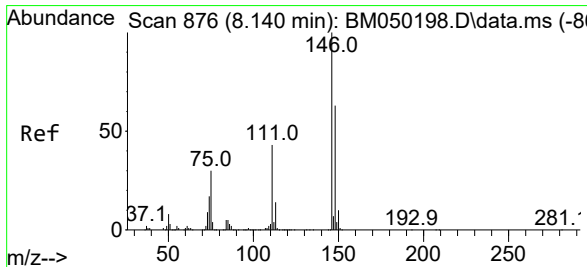
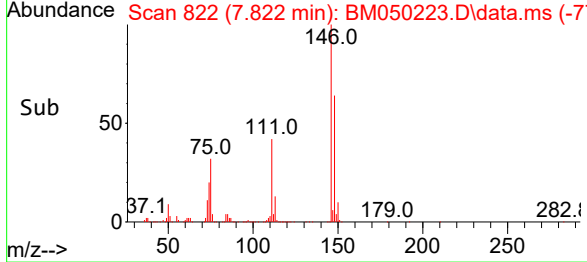
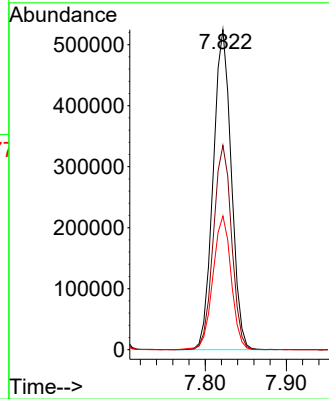
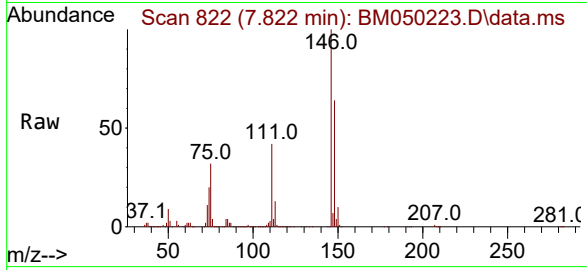




#13
1,4-Dichlorobenzene
Concen: 37.956 ng
RT: 7.822 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

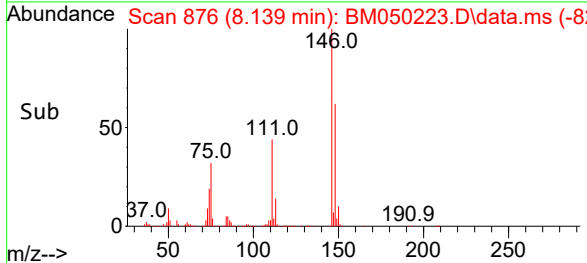
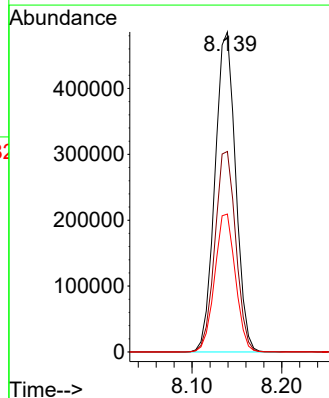
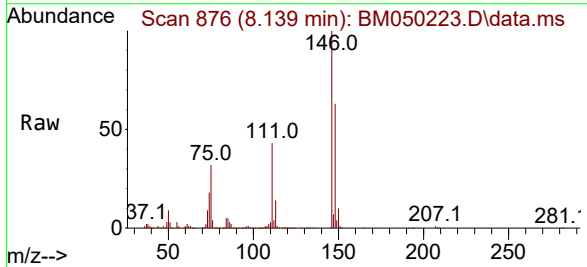
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

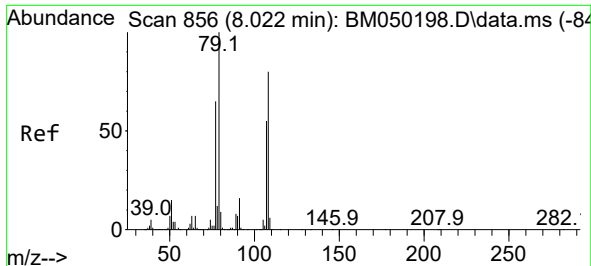
Tgt Ion:146 Resp: 813141
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.0
111 41.8 32.3 48.5



#14
1,2-Dichlorobenzene
Concen: 38.032 ng
RT: 8.139 min Scan# 876
Delta R.T. -0.000 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion:146 Resp: 776725
Ion Ratio Lower Upper
146 100
148 62.7 50.4 75.6
111 43.1 34.3 51.5

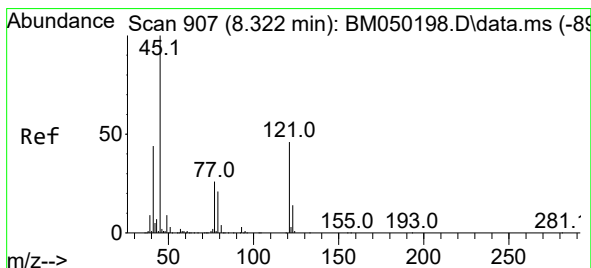
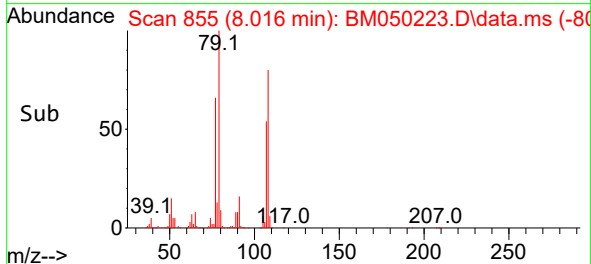
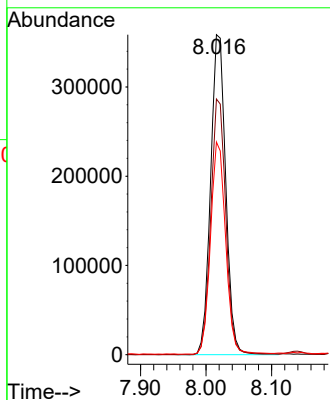
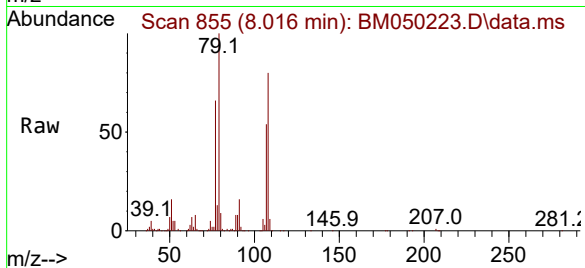




#15
Benzyl Alcohol
Concen: 36.610 ng
RT: 8.016 min Scan# 801
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

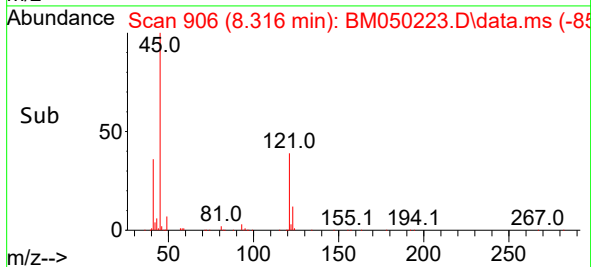
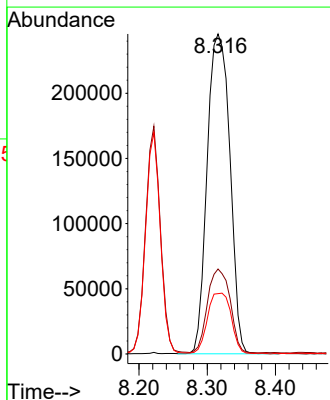
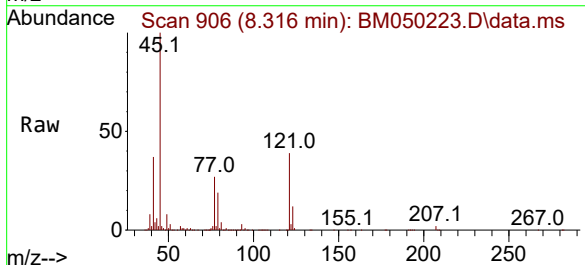
Instrument :
BNA_M
ClientSampleId :
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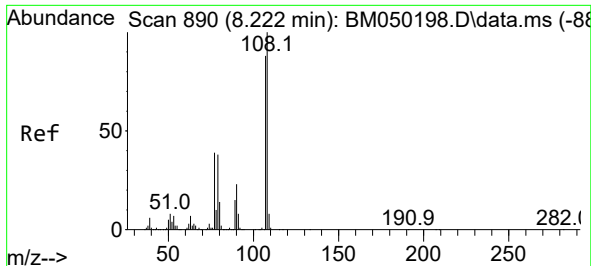
Tgt Ion: 79 Resp: 575561
Ion Ratio Lower Upper
79 100
108 79.9 64.0 96.0
77 66.4 52.2 78.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.660 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion: 45 Resp: 568952
Ion Ratio Lower Upper
45 100
77 26.5 8.7 48.7
79 18.8 2.7 42.7

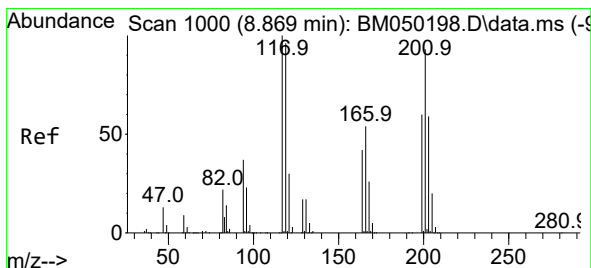
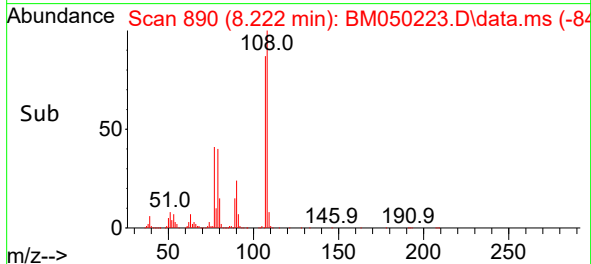
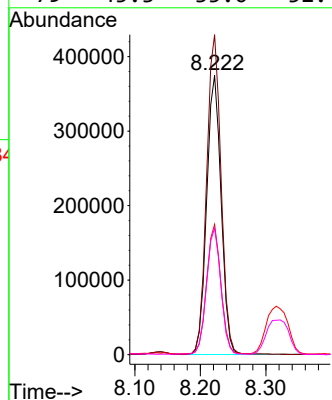
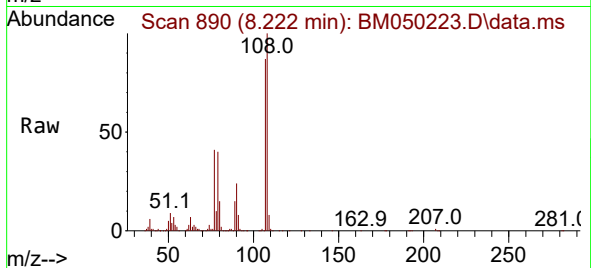




#17
2-Methylphenol
Concen: 37.389 ng
RT: 8.222 min Scan# 890
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

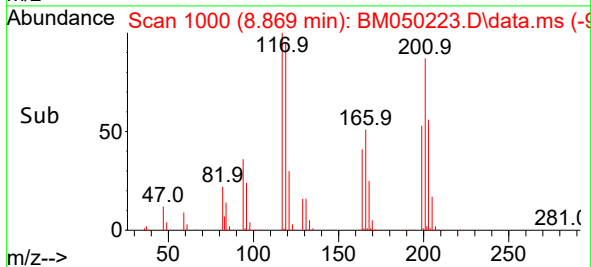
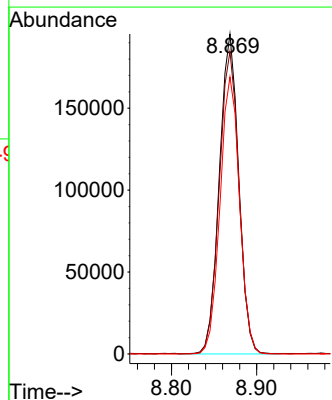
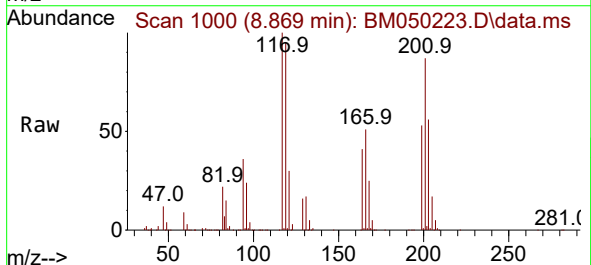
Instrument :
BNA_M
ClientSampleId :
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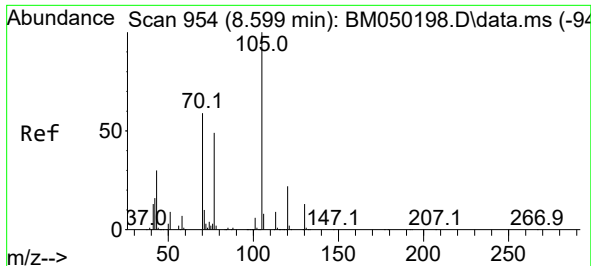
Tgt Ion:	107	Resp:	575360
Ion	Ratio	Lower	Upper
107	100		
108	114.5	90.8	136.2
77	46.6	35.7	53.5
79	45.3	35.0	52.4



#18
Hexachloroethane
Concen: 39.784 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion:	117	Resp:	308659
Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.0	115.6
201	86.5	74.6	111.8

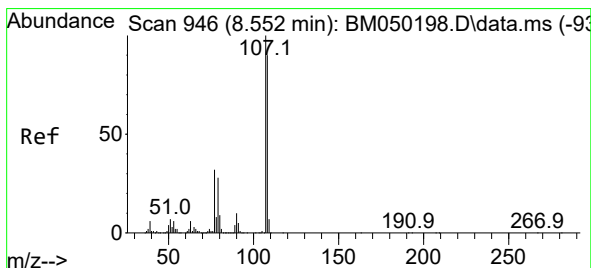
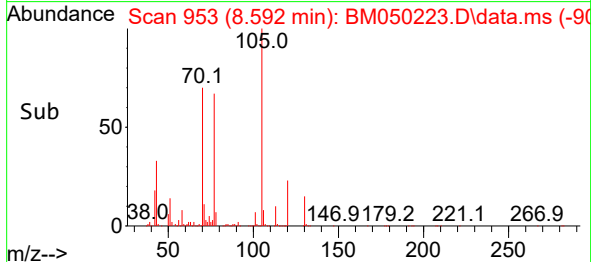
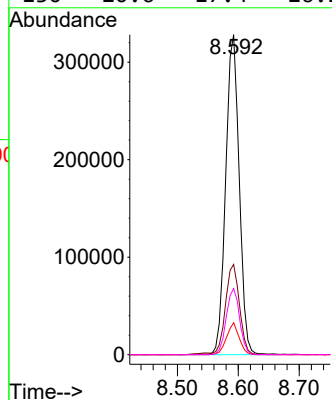
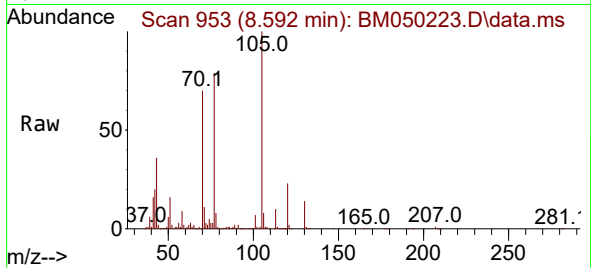




#19
n-Nitroso-di-n-propylamine
Concen: 37.587 ng
RT: 8.592 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

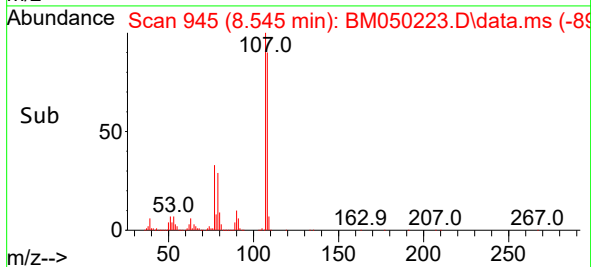
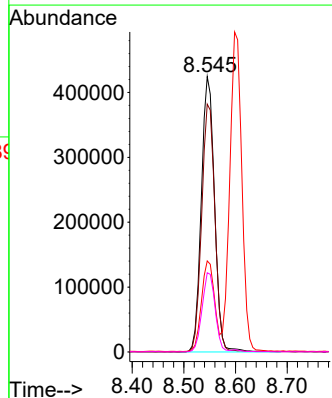
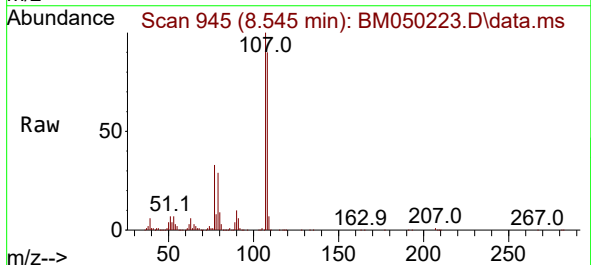
Instrument :
BNA_M
ClientSampleId :
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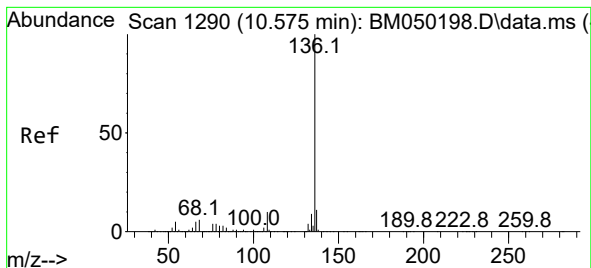
Tgt Ion: 70 Resp: 507008
Ion Ratio Lower Upper
70 100
42 28.2 22.6 33.8
101 10.0 8.3 12.5
130 20.6 17.4 26.2



#20
3+4-Methylphenols
Concen: 36.639 ng
RT: 8.545 min Scan# 945
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion: 107 Resp: 754331
Ion Ratio Lower Upper
107 100
108 90.0 70.4 110.4
77 33.1 12.2 52.2
79 28.8 7.7 47.7

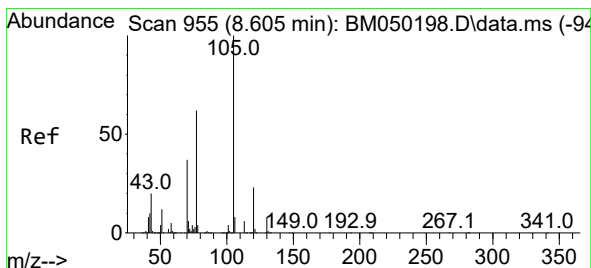
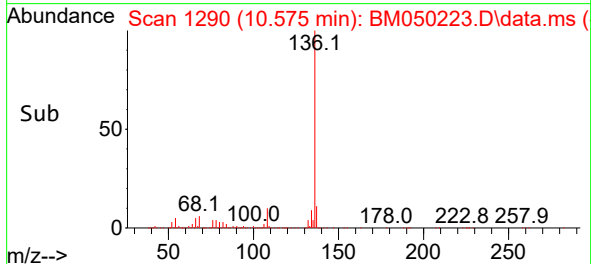
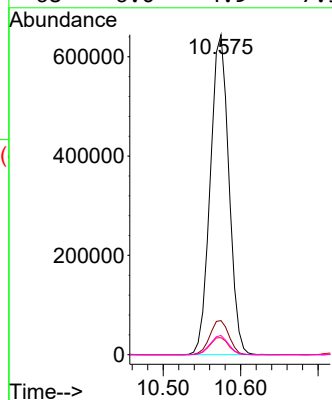
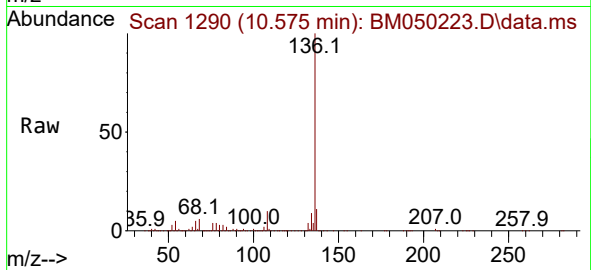




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

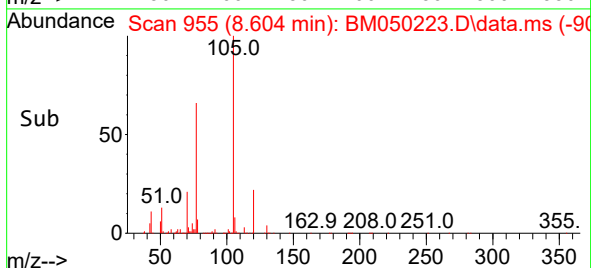
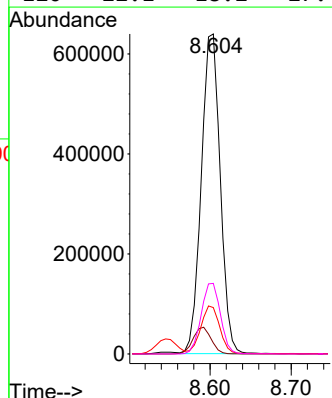
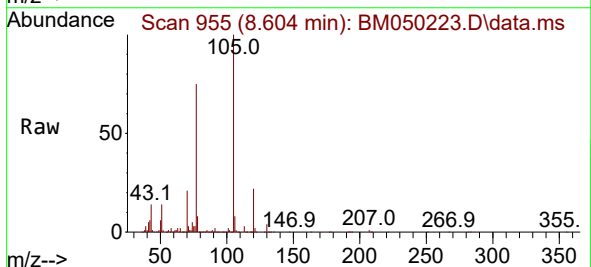
Instrument :
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ClientSampleId :
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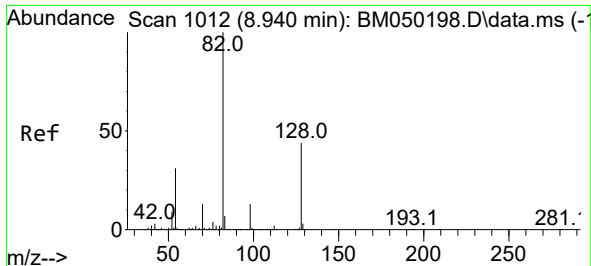
Tgt Ion:136 Resp: 1074646
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 5.3 3.8 5.8
68 6.0 4.9 7.3



#22
Acetophenone
Concen: 38.593 ng
RT: 8.604 min Scan# 955
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion:105 Resp: 1036133
Ion Ratio Lower Upper
105 100
71 3.4 5.0 7.4#
51 14.5 11.4 17.2
120 22.1 18.2 27.4

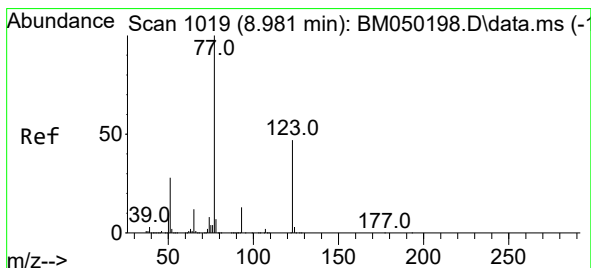
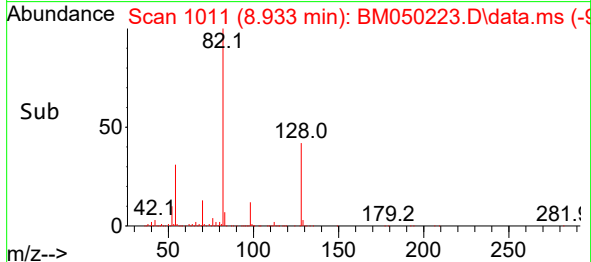
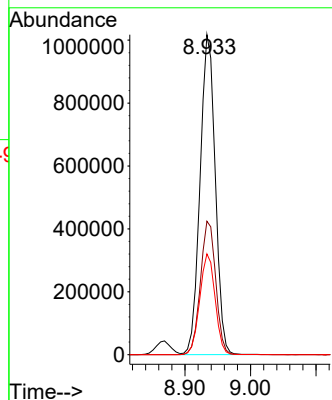
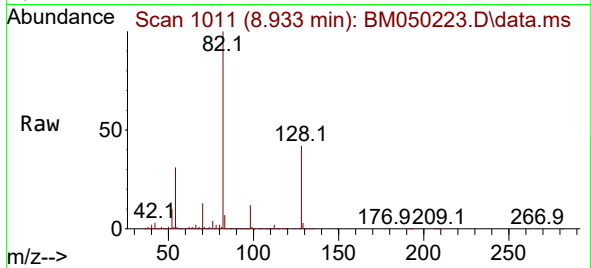




#23
Nitrobenzene-d5
Concen: 79.618 ng
RT: 8.933 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

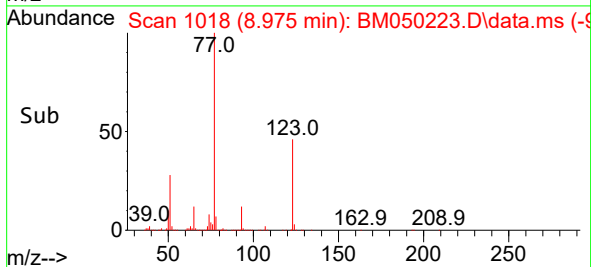
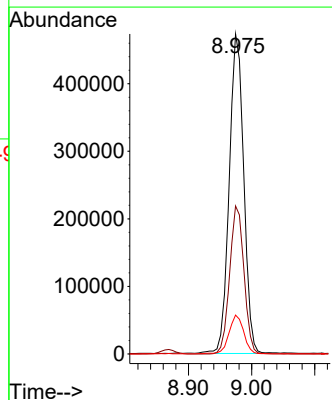
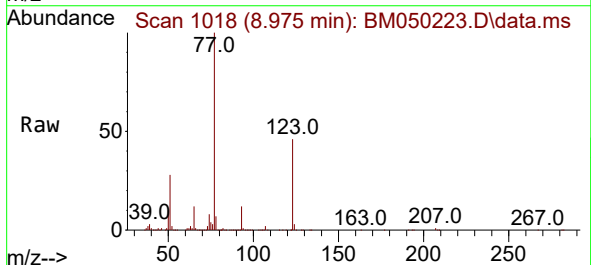
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

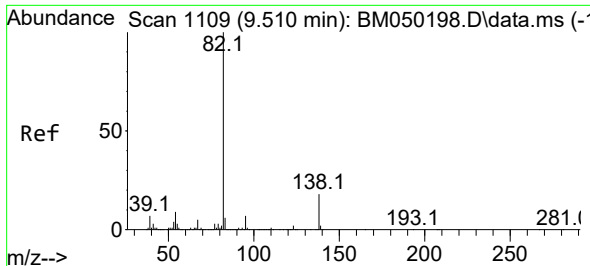
Tgt Ion: 82 Resp: 1645142
Ion Ratio Lower Upper
82 100
128 41.7 35.2 52.8
54 31.5 24.5 36.7



#24
Nitrobenzene
Concen: 40.220 ng
RT: 8.975 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion: 77 Resp: 755843
Ion Ratio Lower Upper
77 100
123 46.2 38.2 57.2
65 12.1 9.5 14.3

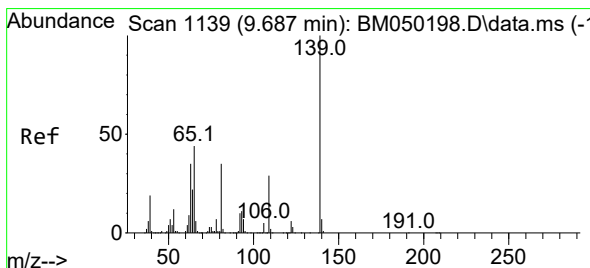
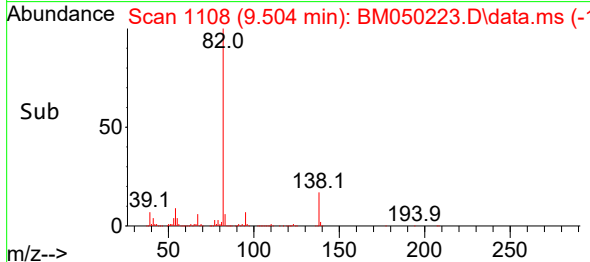
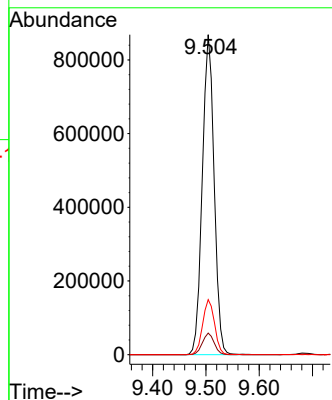
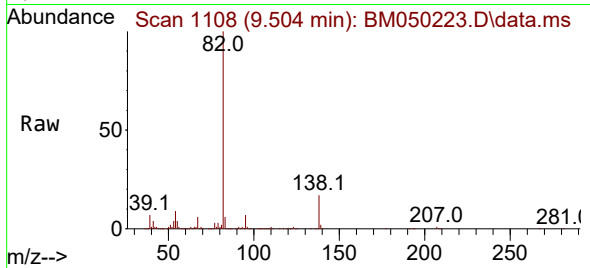




#25
Isophorone
Concen: 37.515 ng
RT: 9.504 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

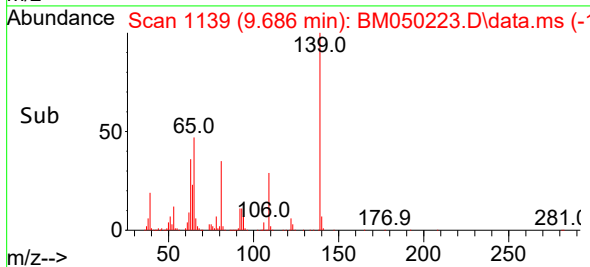
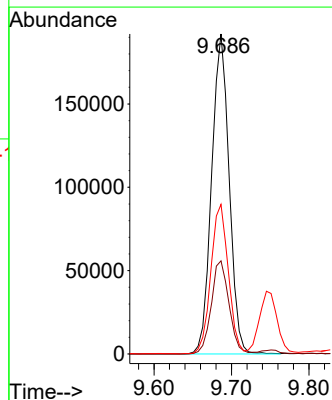
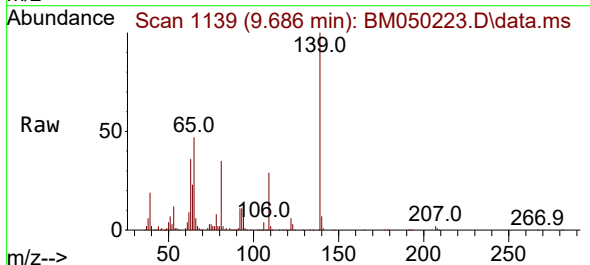
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

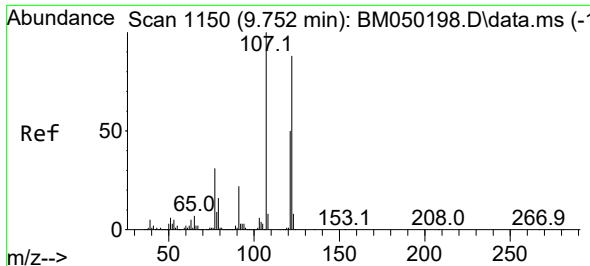
Tgt Ion: 82 Resp: 1337935
Ion Ratio Lower Upper
82 100
95 6.7 5.7 8.5
138 17.2 14.2 21.2



#26
2-Nitrophenol
Concen: 37.096 ng
RT: 9.686 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion:139 Resp: 300923
Ion Ratio Lower Upper
139 100
109 29.1 23.3 34.9
65 46.8 35.2 52.8

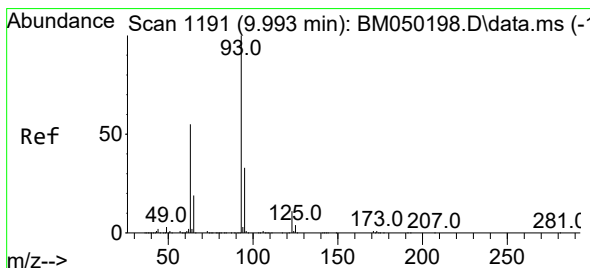
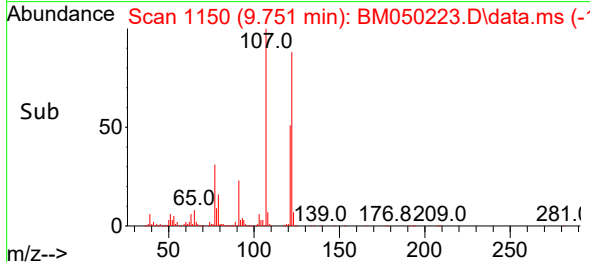
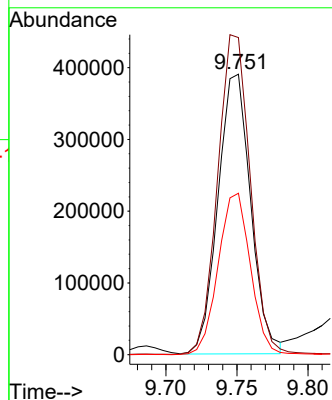
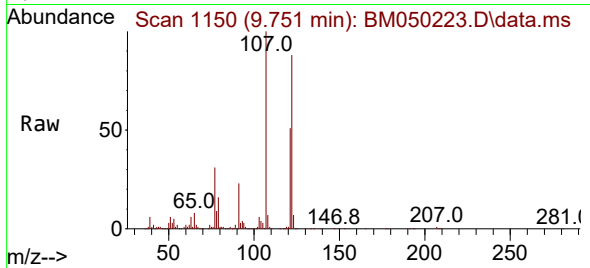




#27
2,4-Dimethylphenol
Concen: 37.501 ng
RT: 9.751 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

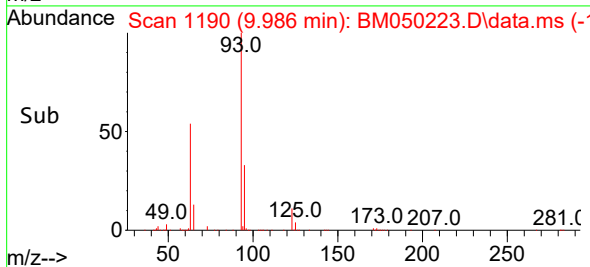
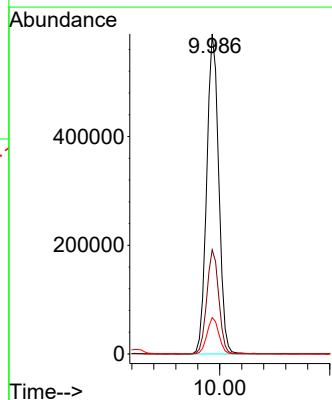
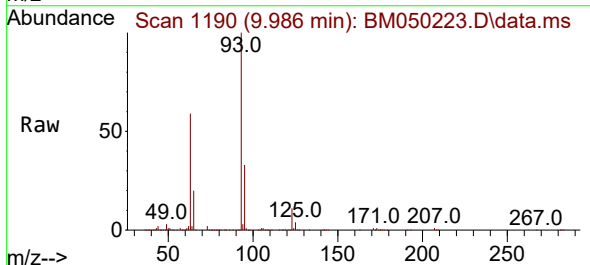
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

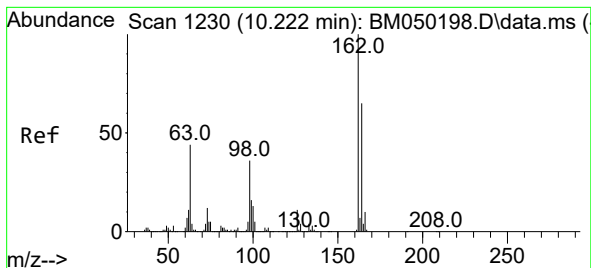
Tgt Ion:122 Resp: 625059
Ion Ratio Lower Upper
122 100
107 113.0 91.0 136.6
121 57.5 45.8 68.6



#28
bis(2-Chloroethoxy)methane
Concen: 38.359 ng
RT: 9.986 min Scan# 1190
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion: 93 Resp: 893708
Ion Ratio Lower Upper
93 100
95 32.6 26.2 39.4
123 11.4 8.9 13.3

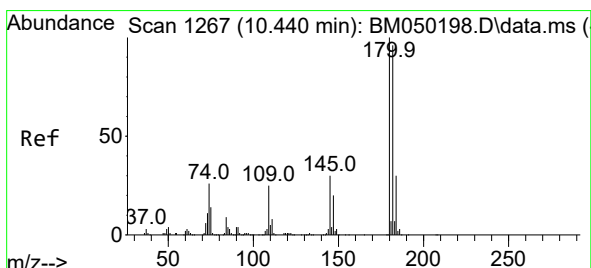
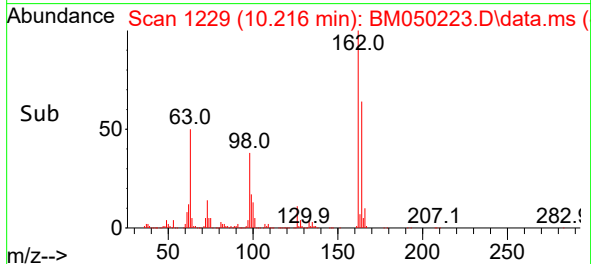
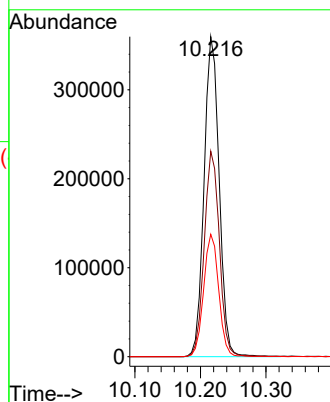
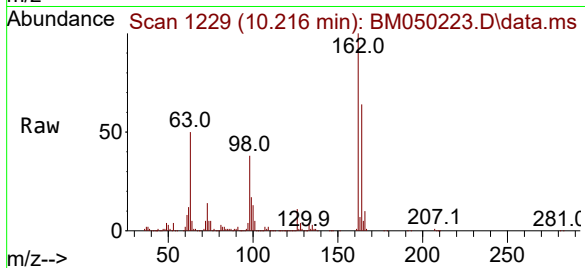




#29
2,4-Dichlorophenol
Concen: 37.529 ng
RT: 10.216 min Scan# 1229
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

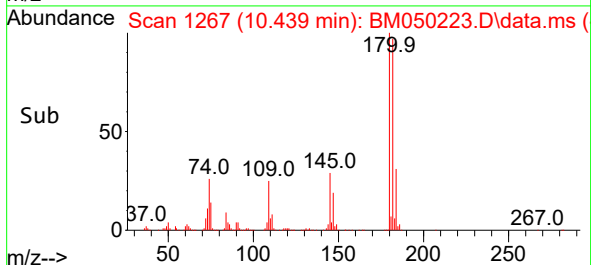
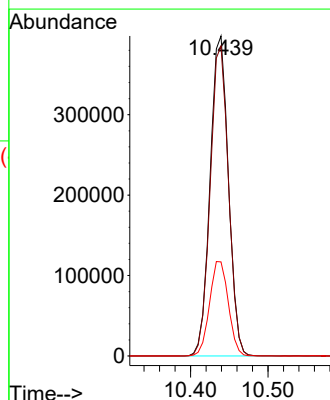
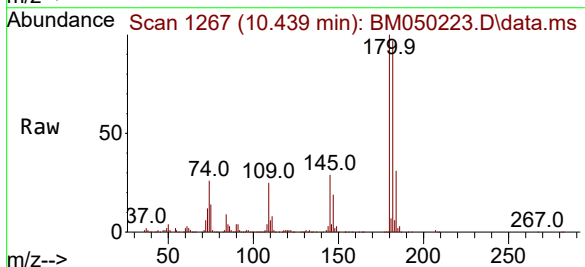
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

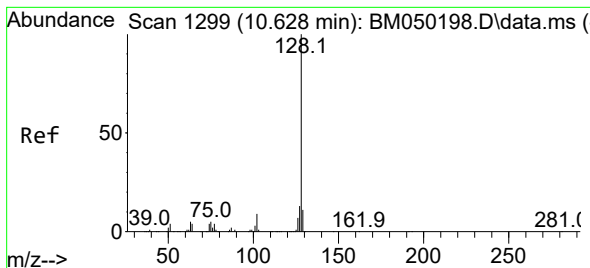
Tgt Ion:162 Resp: 578845
Ion Ratio Lower Upper
162 100
164 64.2 45.0 85.0
98 38.3 16.3 56.3



#30
1,2,4-Trichlorobenzene
Concen: 38.131 ng
RT: 10.439 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion:180 Resp: 654471
Ion Ratio Lower Upper
180 100
182 96.8 76.6 114.8
145 29.4 24.2 36.4

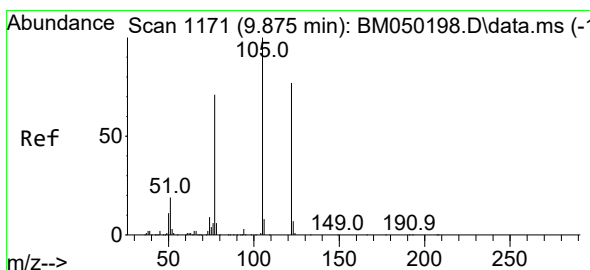
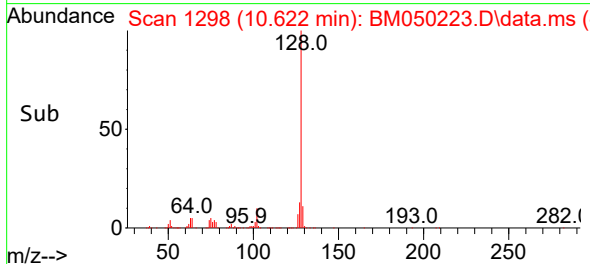
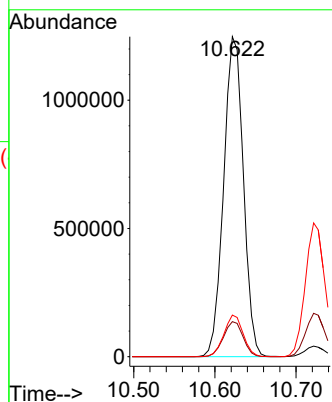
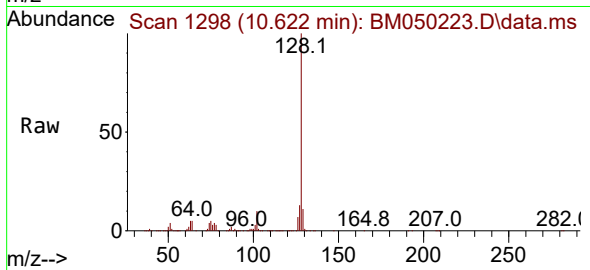




#31
Naphthalene
Concen: 37.940 ng
RT: 10.622 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

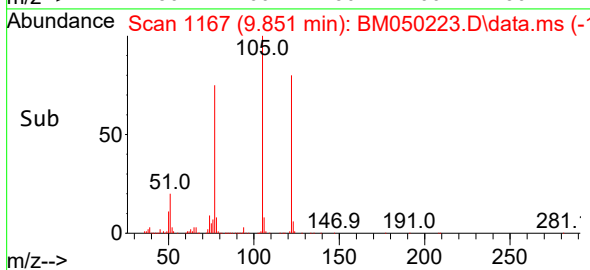
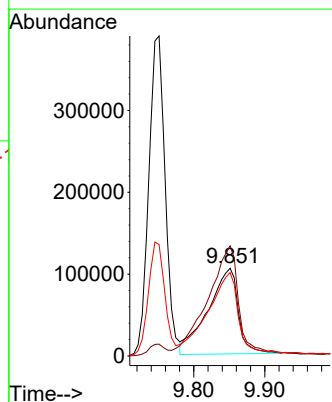
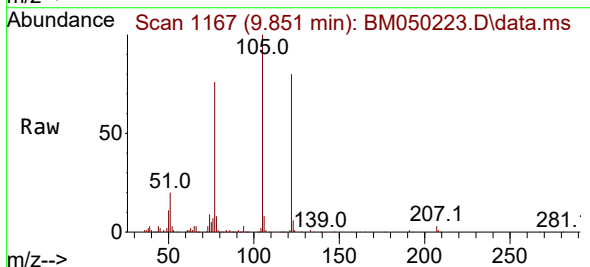
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

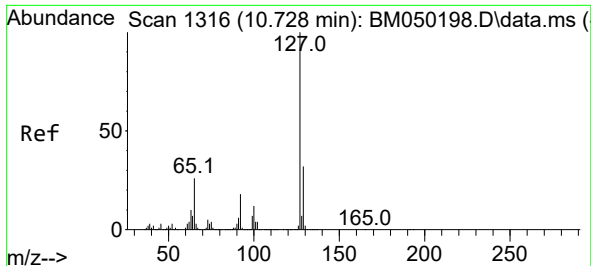
Tgt Ion:128 Resp: 2107998
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.0 10.2 15.4



#32
Benzoic acid
Concen: 29.702 ng
RT: 9.851 min Scan# 1167
Delta R.T. -0.065 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion:122 Resp: 311122
Ion Ratio Lower Upper
122 100
105 125.4 103.4 143.4
77 94.9 70.3 110.3

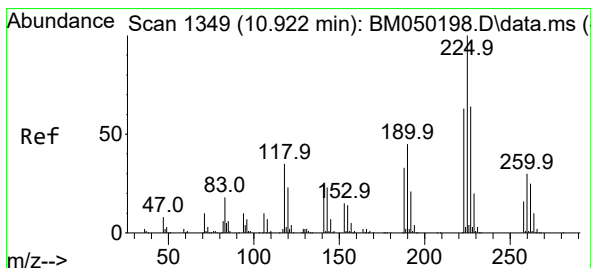
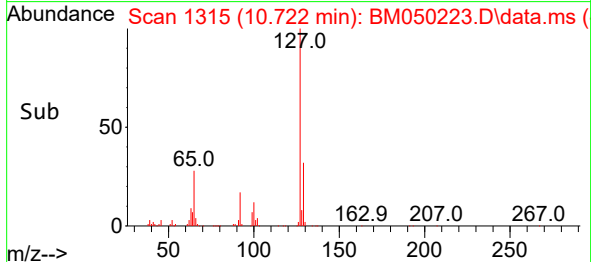
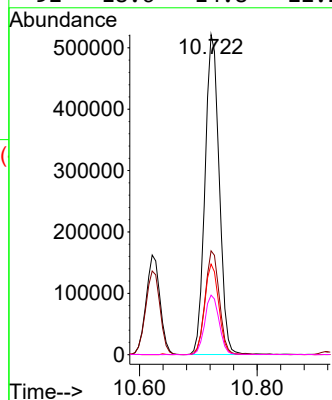
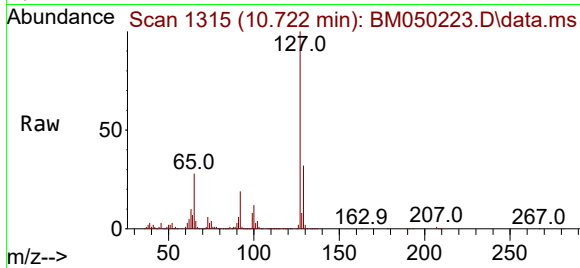




#33
4-Chloroaniline
Concen: 36.977 ng
RT: 10.722 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

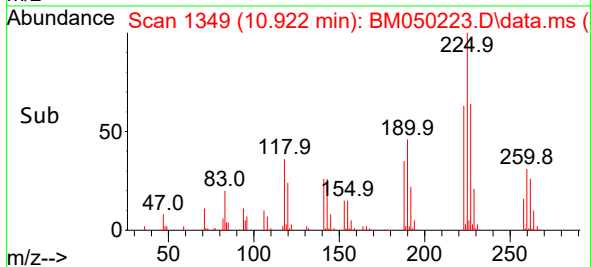
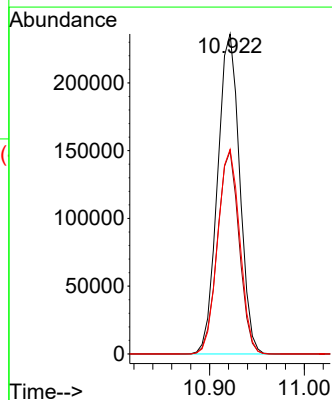
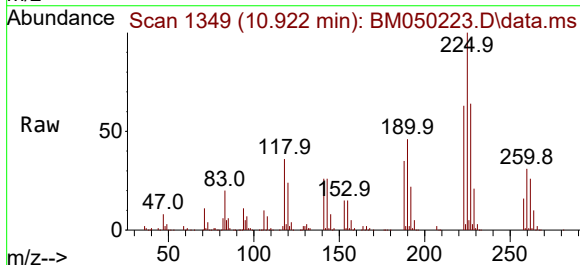
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

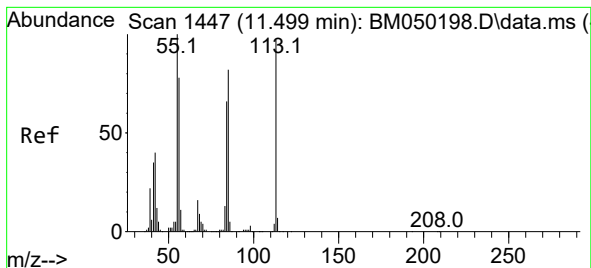
Tgt	Ion:127	Resp:	875911
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.0
65	28.3	21.0	31.4
92	18.6	14.8	22.2



#34
Hexachlorobutadiene
Concen: 37.408 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt	Ion:225	Resp:	381906
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.2	75.2
227	64.0	51.0	76.4





#35

Caprolactam

Concen: 33.806 ng

RT: 11.486 min Scan# 1445

Delta R.T. -0.036 min

Lab File: BM050223.D

Acq: 06 Jun 2025 21:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

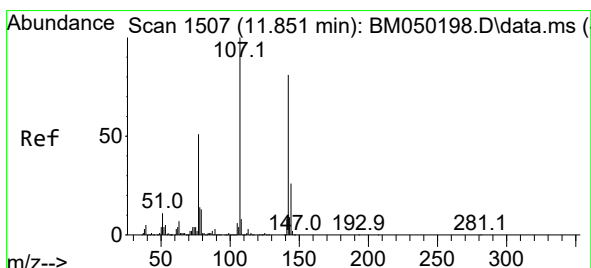
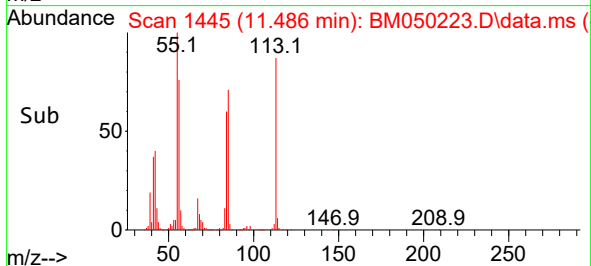
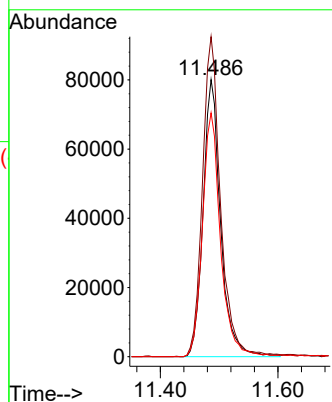
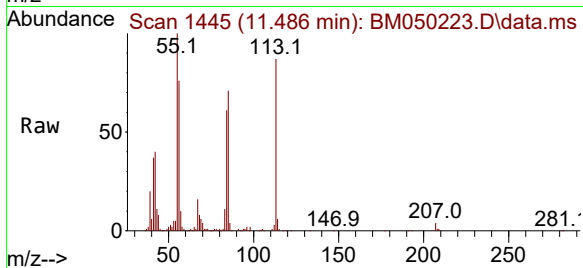
Tgt Ion:113 Resp: 165311

Ion Ratio Lower Upper

113 100

55 115.5 83.5 123.5

56 88.0 60.6 100.6



#36

4-Chloro-3-methylphenol

Concen: 35.975 ng

RT: 11.845 min Scan# 1506

Delta R.T. -0.012 min

Lab File: BM050223.D

Acq: 06 Jun 2025 21:23

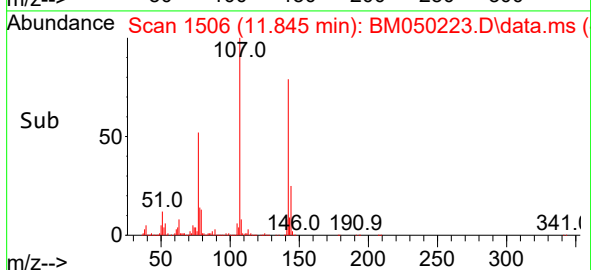
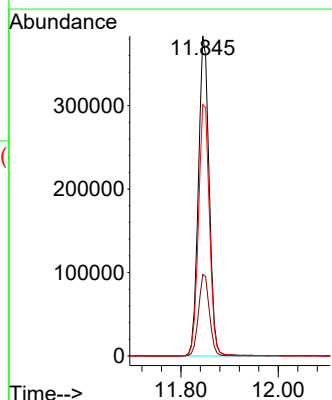
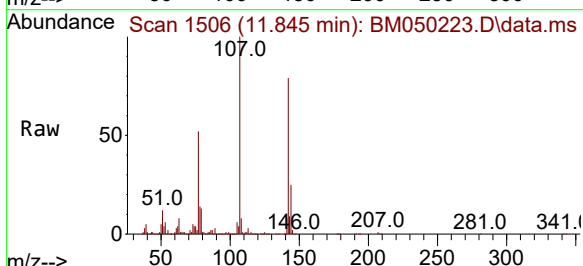
Tgt Ion:107 Resp: 592093

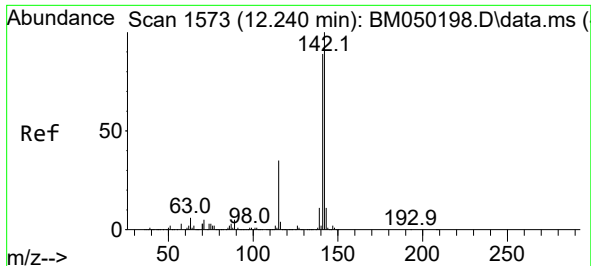
Ion Ratio Lower Upper

107 100

144 25.4 21.0 31.6

142 78.5 64.8 97.2





#37

2-Methylnaphthalene

Concen: 36.724 ng

RT: 12.233 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050223.D

Acq: 06 Jun 2025 21:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

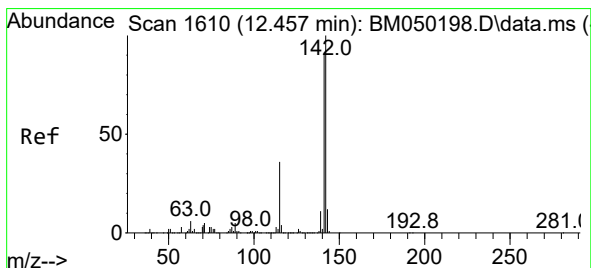
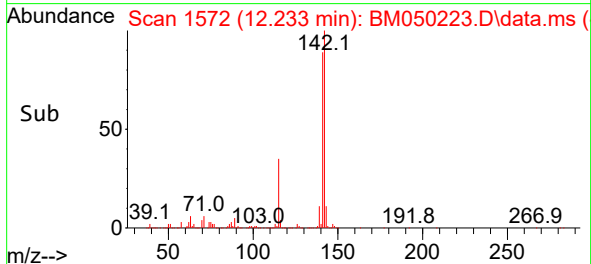
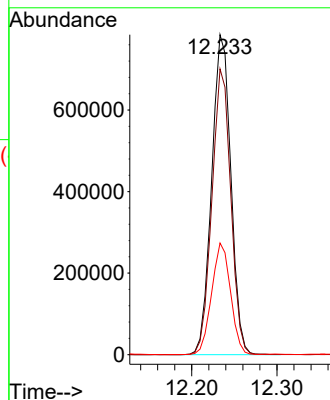
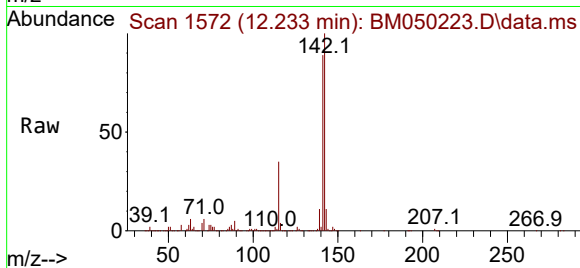
Tgt Ion:142 Resp: 1230954

Ion Ratio Lower Upper

142 100

141 89.3 71.5 107.3

115 34.9 27.8 41.8



#38

1-Methylnaphthalene

Concen: 36.928 ng

RT: 12.457 min Scan# 1610

Delta R.T. -0.006 min

Lab File: BM050223.D

Acq: 06 Jun 2025 21:23

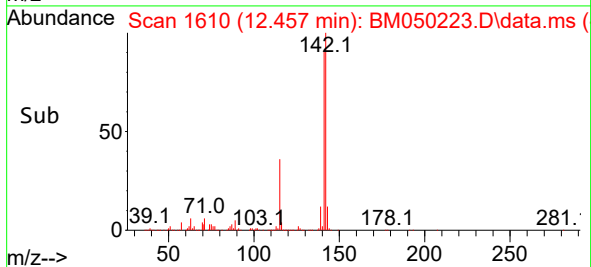
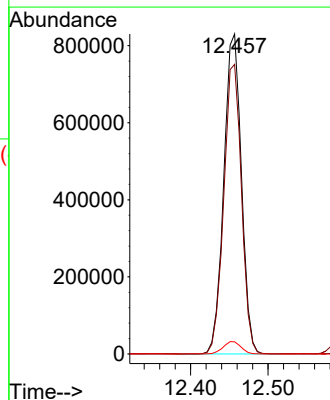
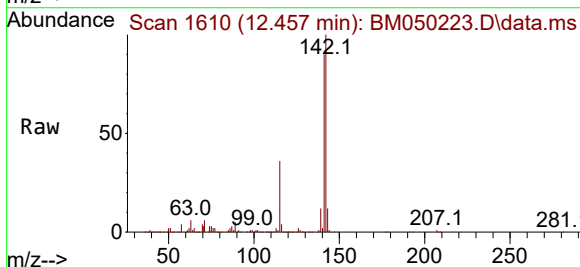
Tgt Ion:142 Resp: 1313757

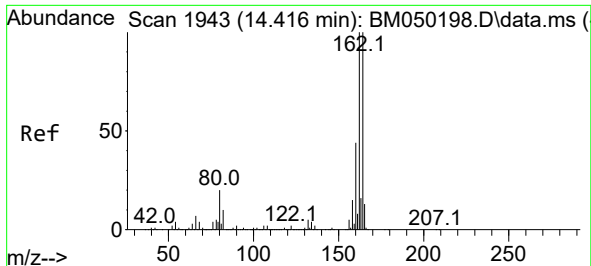
Ion Ratio Lower Upper

142 100

141 90.5 72.9 109.3

116 3.8 3.0 4.6

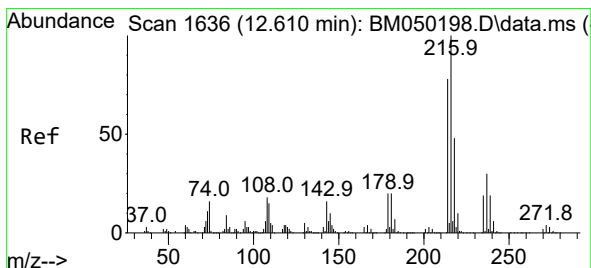
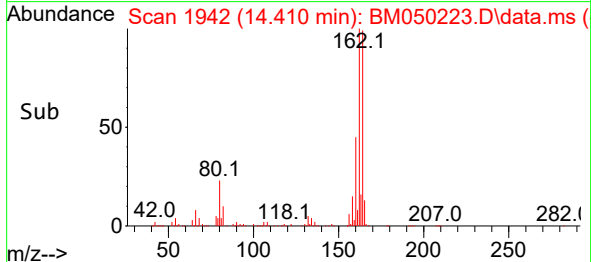
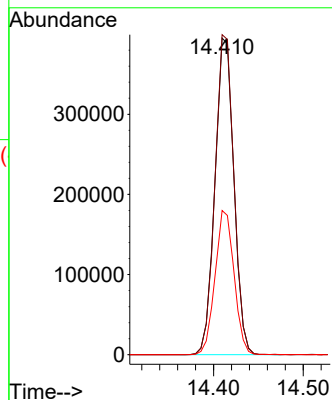
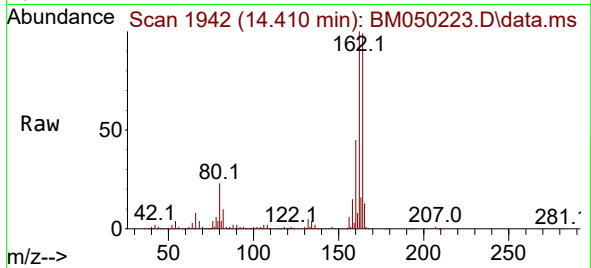




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

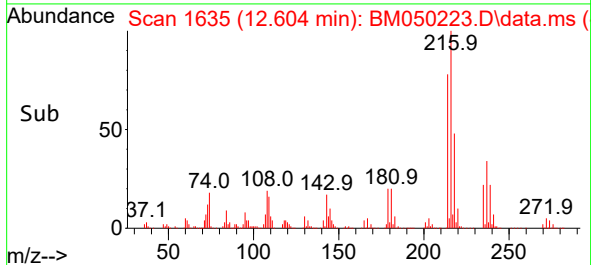
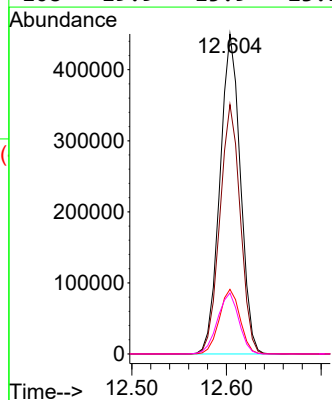
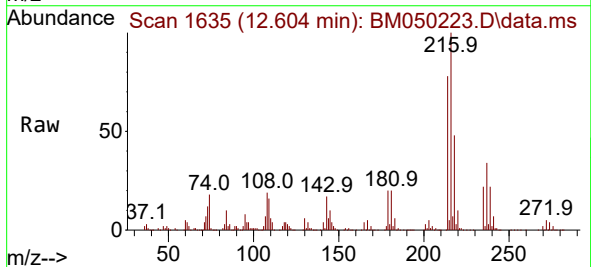
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

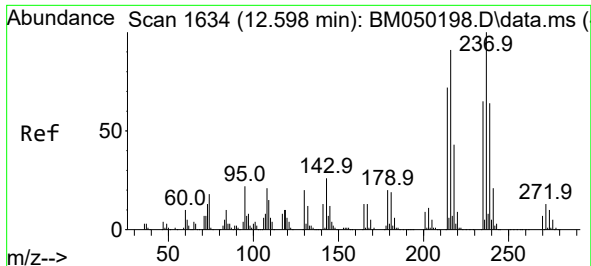
Tgt Ion:164 Resp: 577654
Ion Ratio Lower Upper
164 100
162 101.0 80.2 120.4
160 45.5 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.525 ng
RT: 12.604 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion:216 Resp: 675973
Ion Ratio Lower Upper
216 100
214 77.8 63.0 94.4
179 20.5 16.6 25.0
108 19.9 15.9 23.9

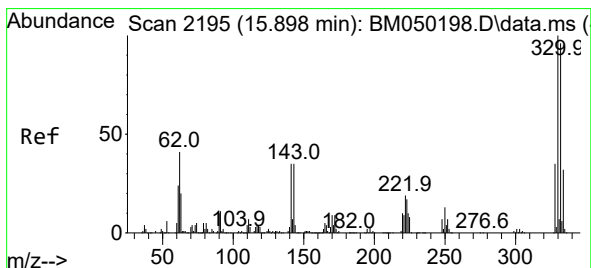
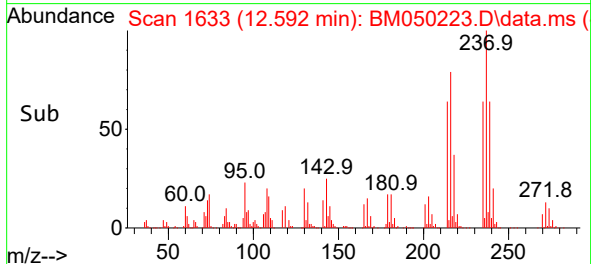
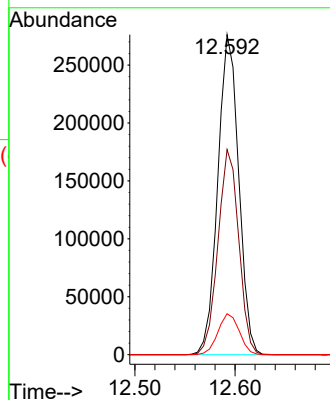
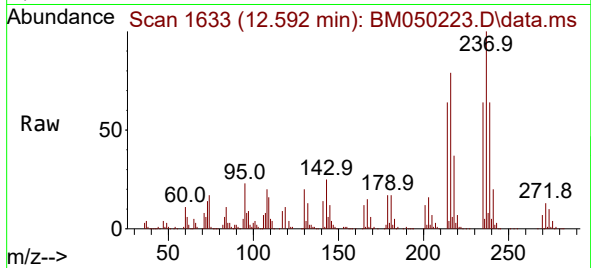




#41
Hexachlorocyclopentadiene
Concen: 39.429 ng
RT: 12.592 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

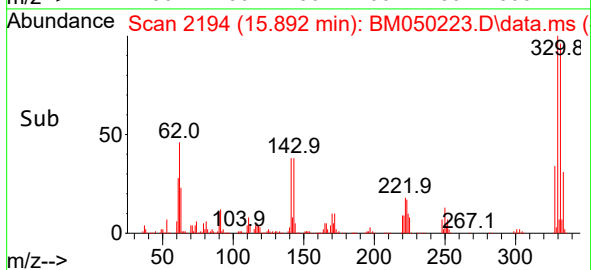
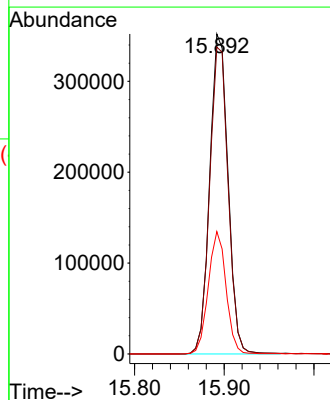
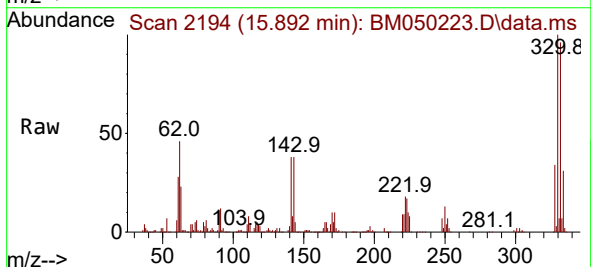
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

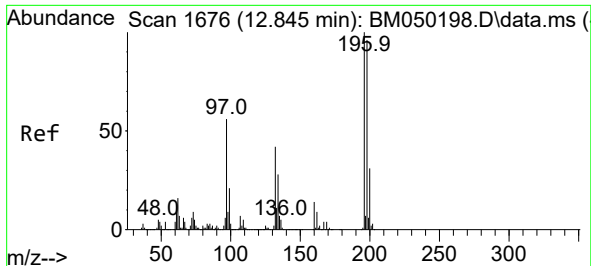
Tgt Ion:237 Resp: 399414
Ion Ratio Lower Upper
237 100
235 64.1 44.6 84.6
272 12.8 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 75.890 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion:330 Resp: 498629
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 37.4 28.8 43.2

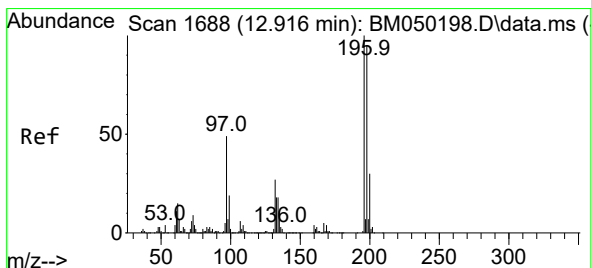
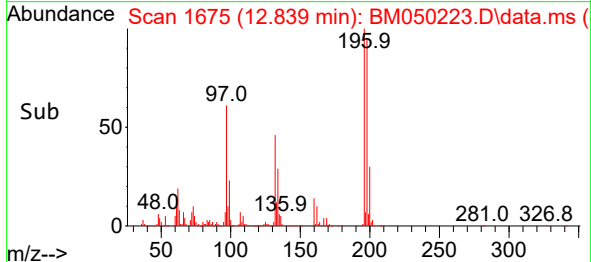
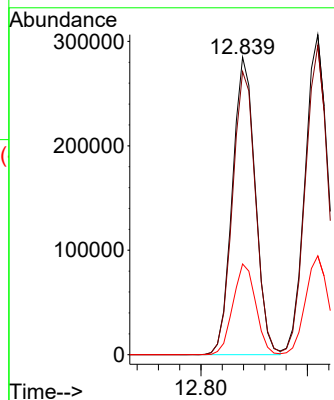
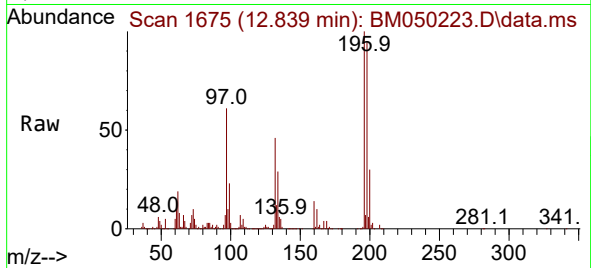




#43
2,4,6-Trichlorophenol
Concen: 38.762 ng
RT: 12.839 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

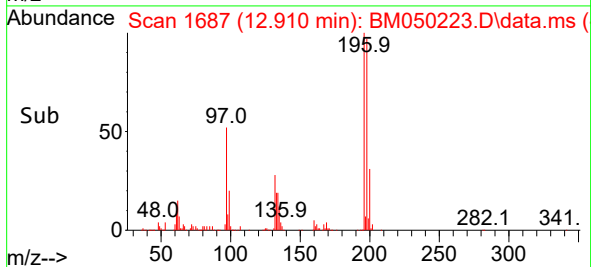
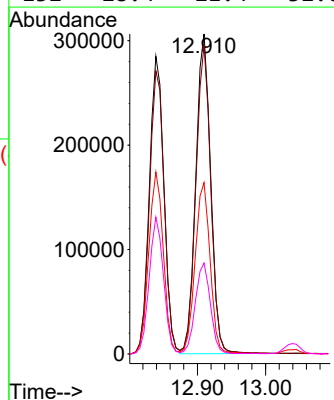
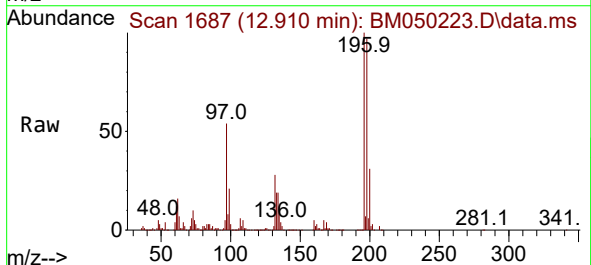
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

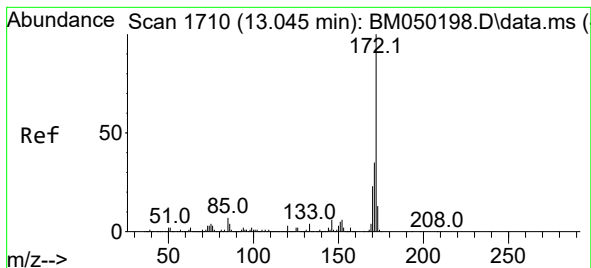
Tgt Ion:196 Resp: 425186
Ion Ratio Lower Upper
196 100
198 95.1 76.6 115.0
200 30.5 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 38.519 ng
RT: 12.910 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion:196 Resp: 463907
Ion Ratio Lower Upper
196 100
198 96.6 76.1 114.1
97 53.5 39.3 58.9
132 28.4 21.4 32.0

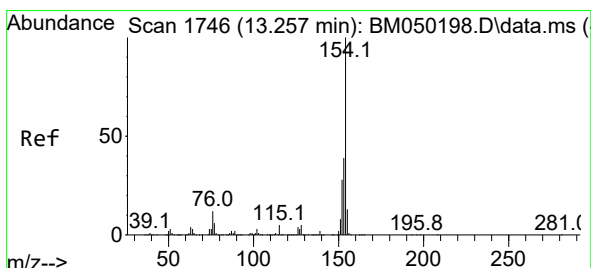
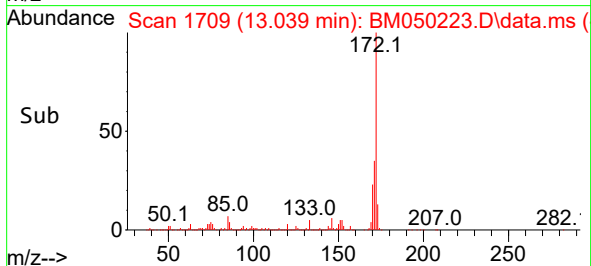
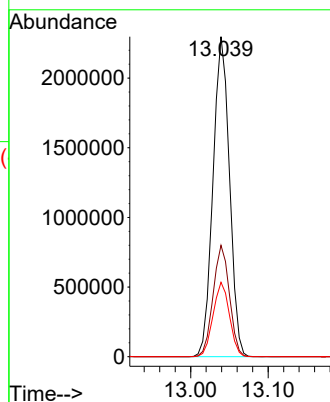
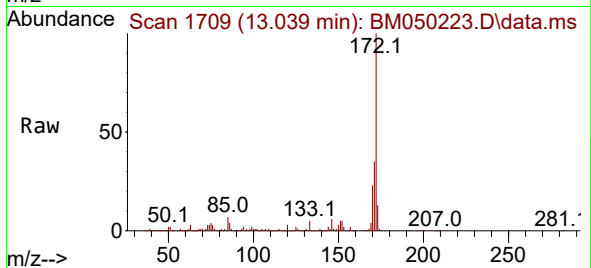




#45
2-Fluorobiphenyl
Concen: 79.588 ng
RT: 13.039 min Scan# 1710
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

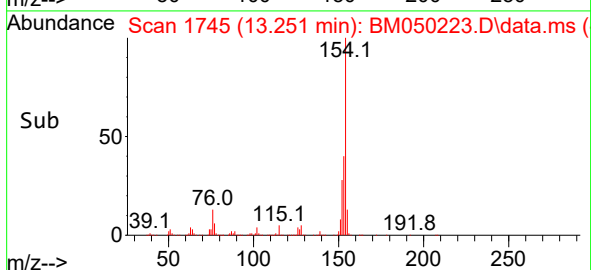
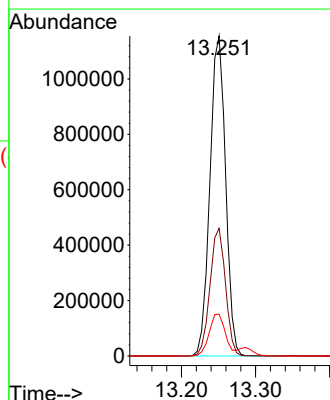
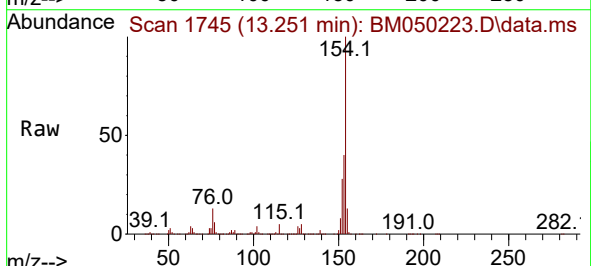
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

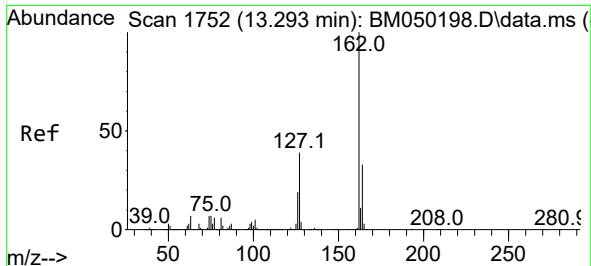
Tgt Ion:172 Resp: 3395819
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.3 18.6 27.8



#46
1,1'-Biphenyl
Concen: 39.167 ng
RT: 13.251 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion:154 Resp: 1694151
Ion Ratio Lower Upper
154 100
153 39.9 19.2 59.2
76 13.1 0.0 32.0

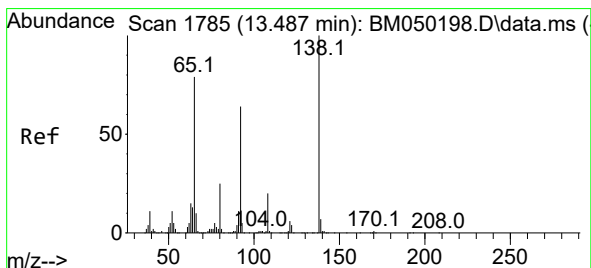
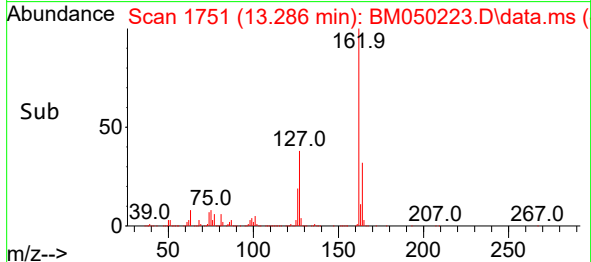
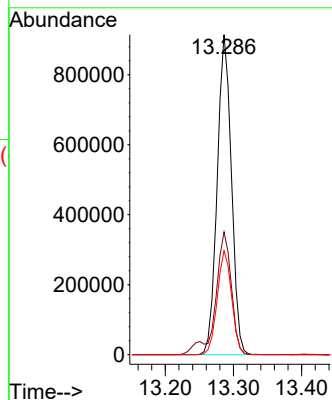
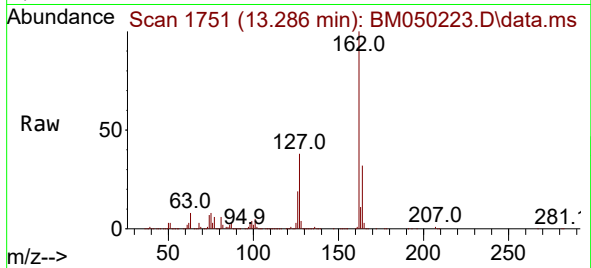




#47
2-Chloronaphthalene
Concen: 39.493 ng
RT: 13.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

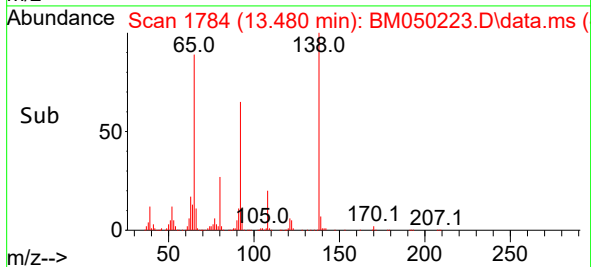
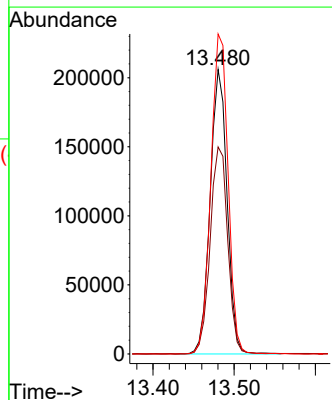
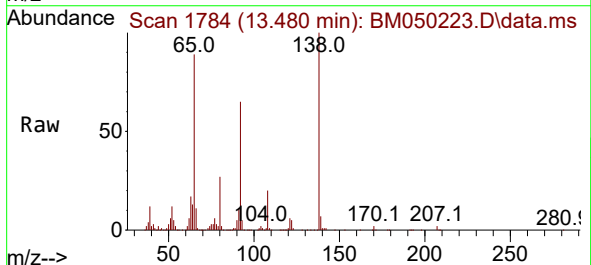
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

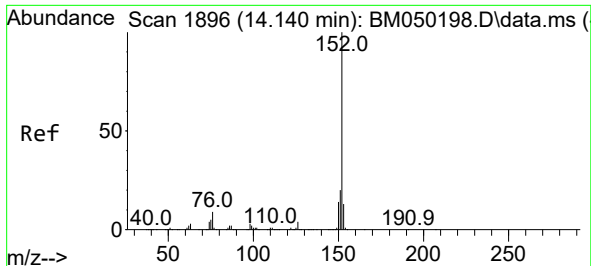
Tgt Ion:162 Resp: 1328038
Ion Ratio Lower Upper
162 100
127 38.4 31.1 46.7
164 32.4 26.5 39.7



#48
2-Nitroaniline
Concen: 40.350 ng
RT: 13.480 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion: 65 Resp: 298598
Ion Ratio Lower Upper
65 100
92 72.8 64.2 96.4
138 112.5 101.0 151.4

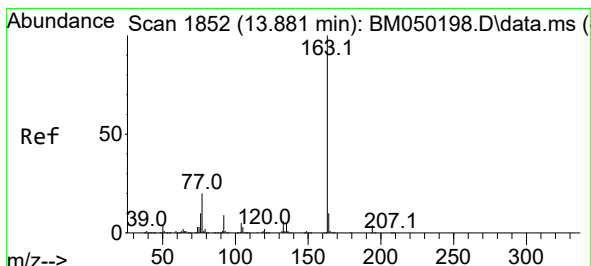
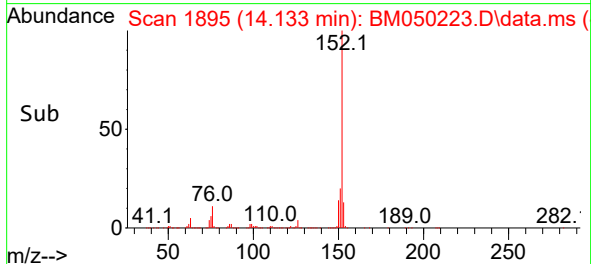
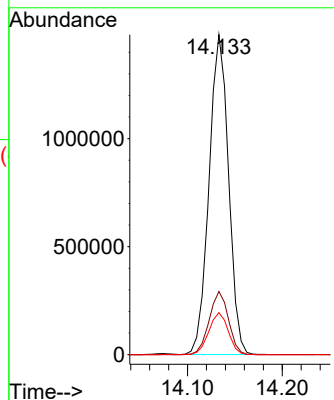
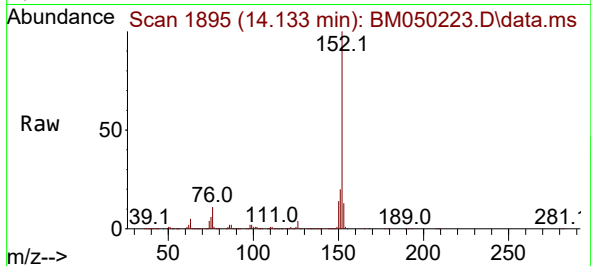




#49
Acenaphthylene
Concen: 38.819 ng
RT: 14.133 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

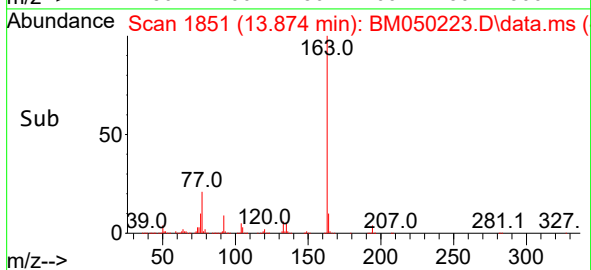
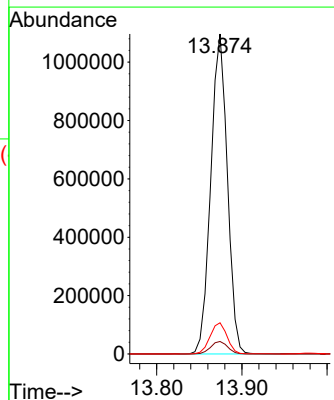
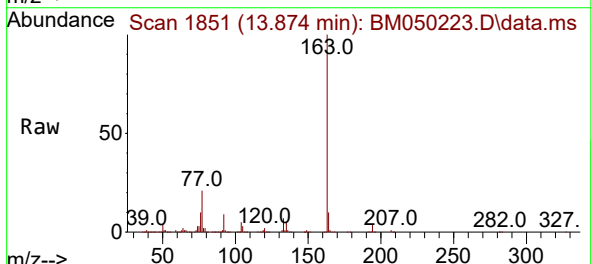
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

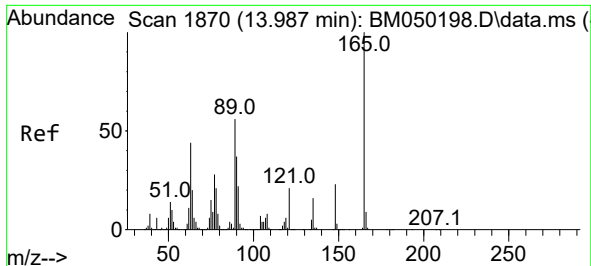
Tgt Ion:152 Resp: 2111382
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.1 10.4 15.6



#50
Dimethylphthalate
Concen: 37.931 ng
RT: 13.874 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion:163 Resp: 1481820
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.7 7.9 11.9

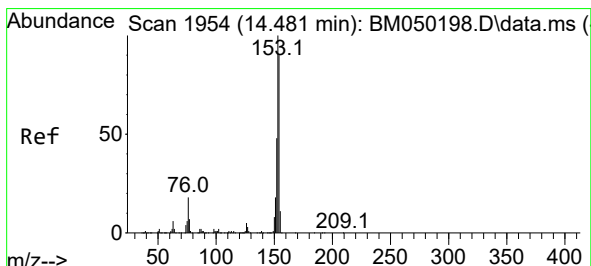
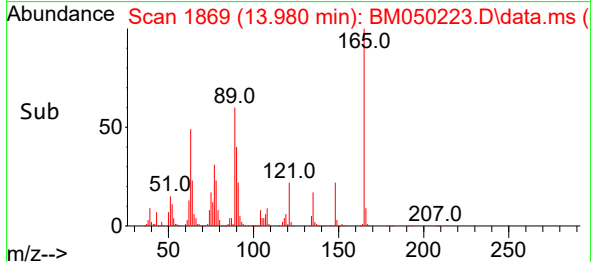
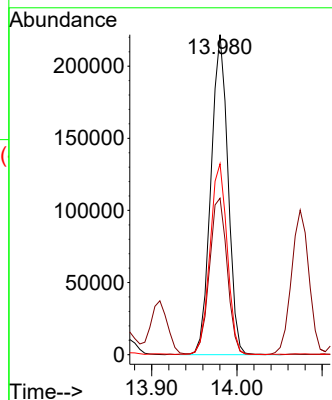
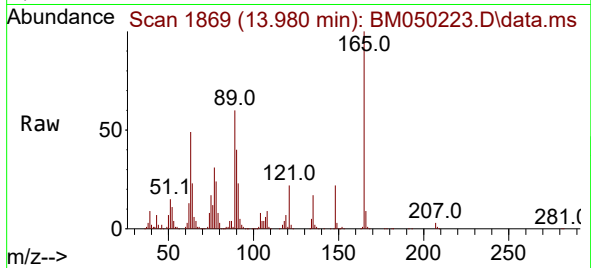




#51
2,6-Dinitrotoluene
Concen: 39.033 ng
RT: 13.980 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

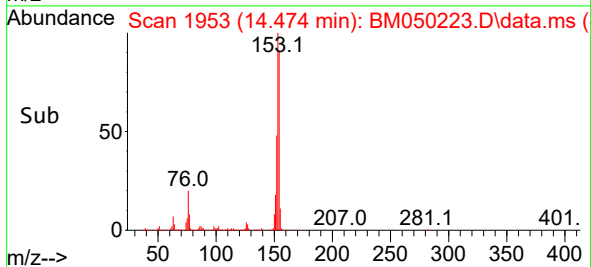
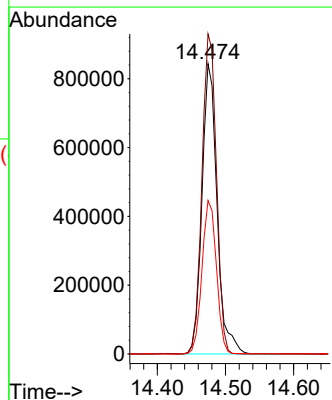
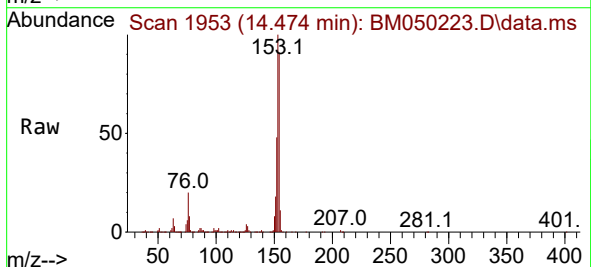
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

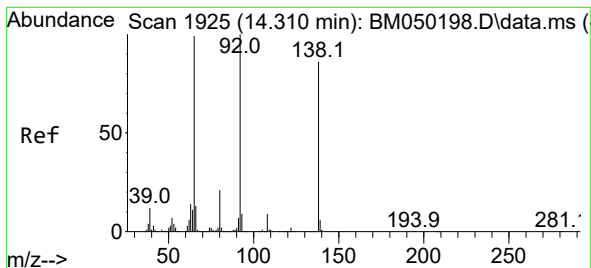
Tgt Ion:165 Resp: 307517
Ion Ratio Lower Upper
165 100
63 48.9 35.8 53.6
89 59.6 44.8 67.2



#52
Acenaphthene
Concen: 38.066 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion:154 Resp: 1294998
Ion Ratio Lower Upper
154 100
153 110.2 88.7 133.1
152 52.9 42.6 63.8

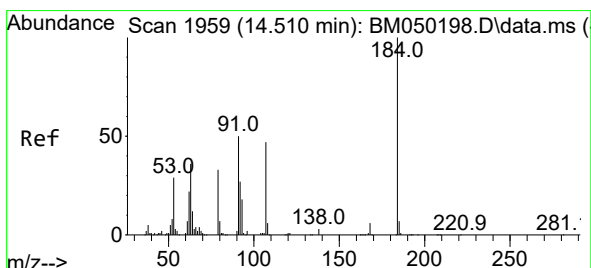
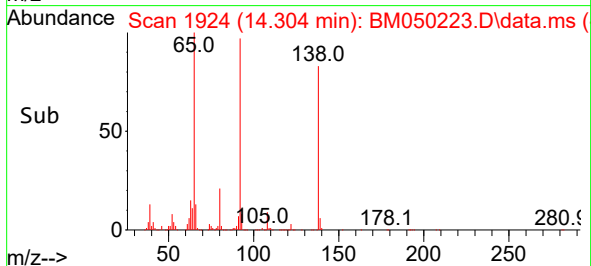
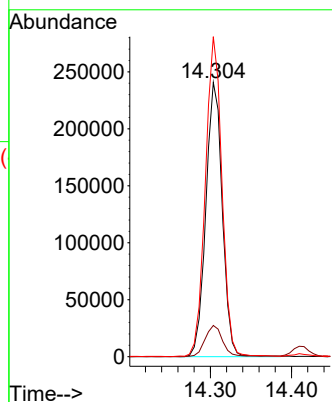
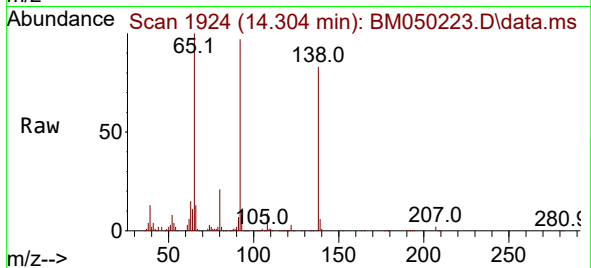




#53
3-Nitroaniline
Concen: 38.510 ng
RT: 14.304 min Scan# 1924
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

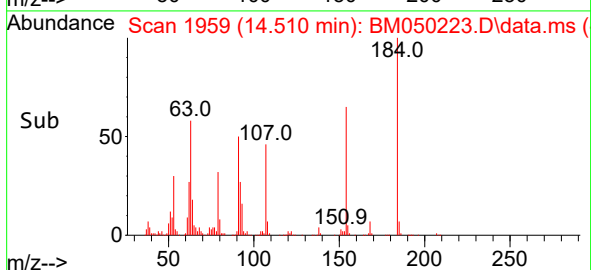
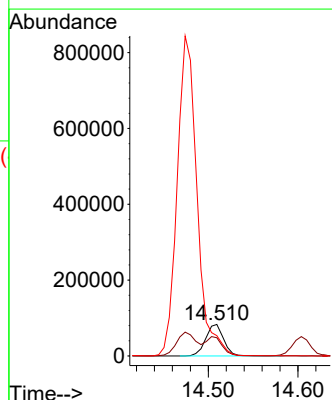
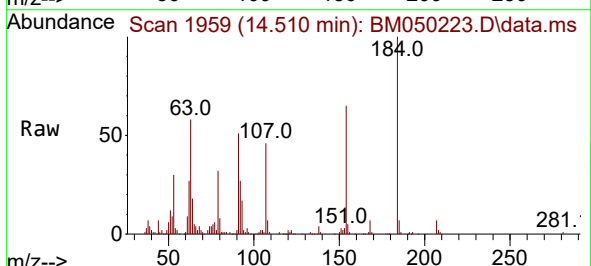
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

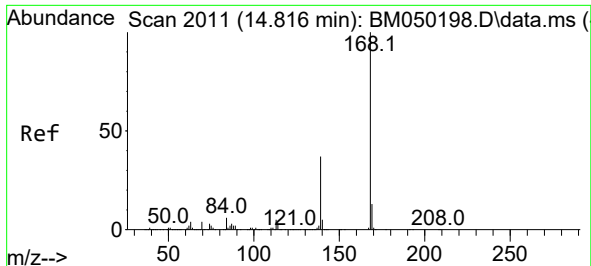
Tgt Ion:138 Resp: 338138
Ion Ratio Lower Upper
138 100
108 11.4 8.8 13.2
92 116.7 92.9 139.3



#54
2,4-Dinitrophenol
Concen: 26.201 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion:184 Resp: 115027
Ion Ratio Lower Upper
184 100
63 58.1 45.3 67.9
154 64.7 54.3 81.5

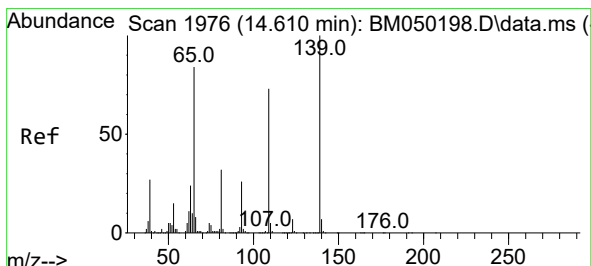
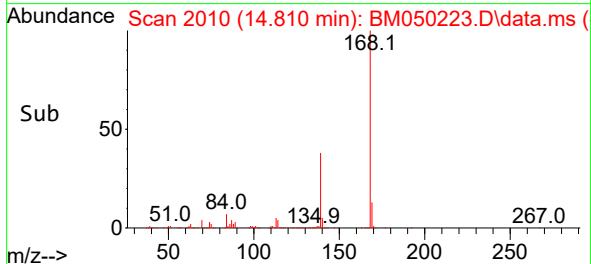
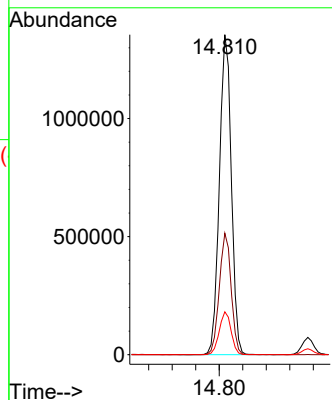
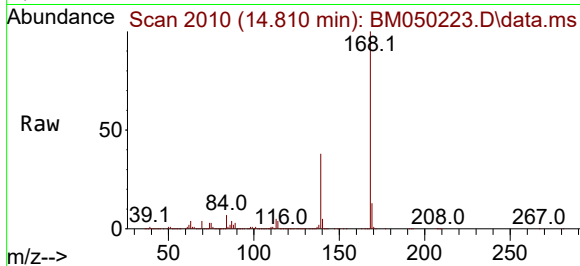




#55
Dibenzofuran
Concen: 38.304 ng
RT: 14.810 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

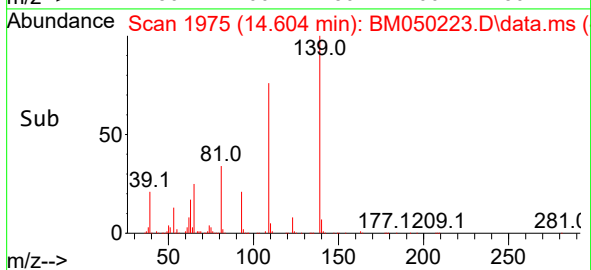
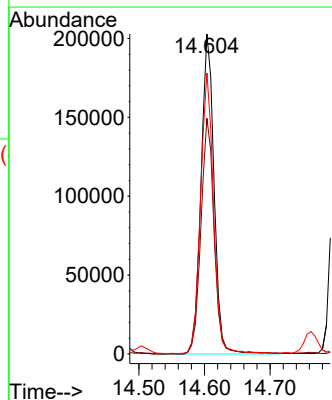
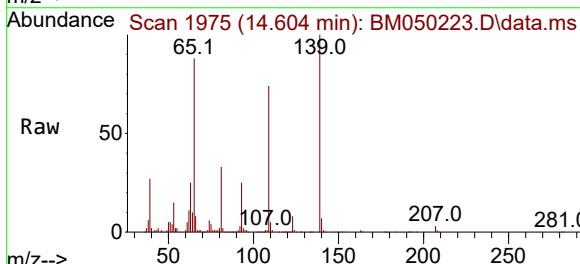
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

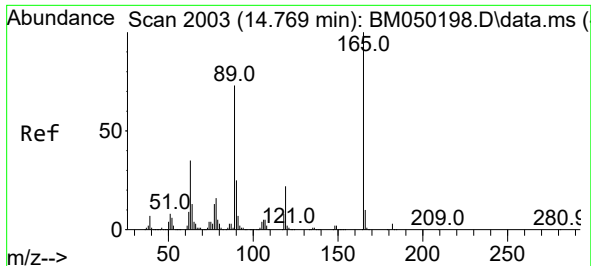
Tgt Ion:168 Resp: 1906439
Ion Ratio Lower Upper
168 100
139 38.0 29.9 44.9
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 37.564 ng
RT: 14.604 min Scan# 1975
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion:139 Resp: 280733
Ion Ratio Lower Upper
139 100
109 73.6 52.6 92.6
65 87.8 64.3 104.3

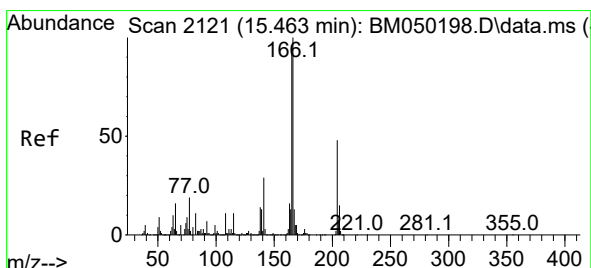
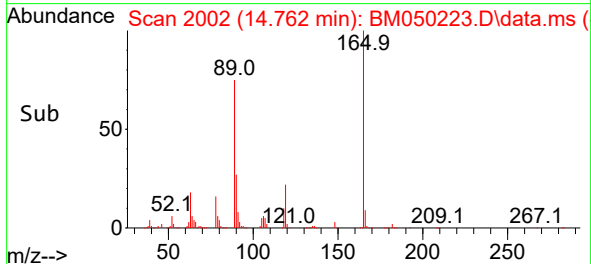
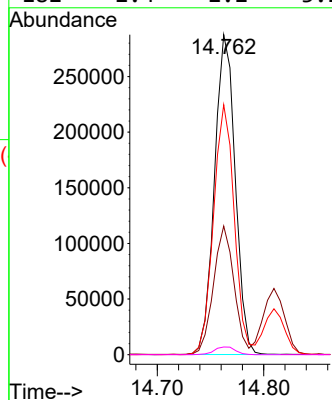
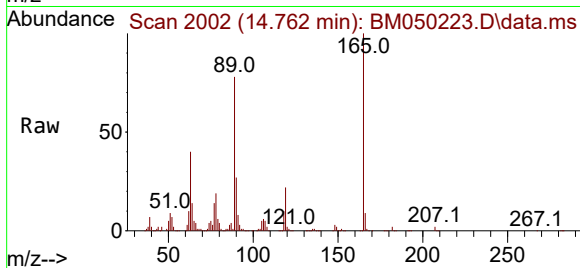




#57
2,4-Dinitrotoluene
Concen: 37.416 ng
RT: 14.762 min Scan# 20
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

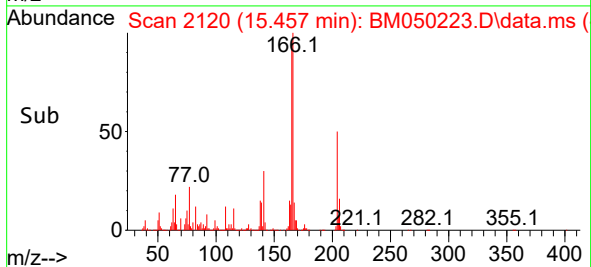
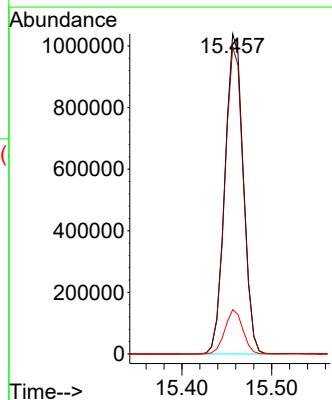
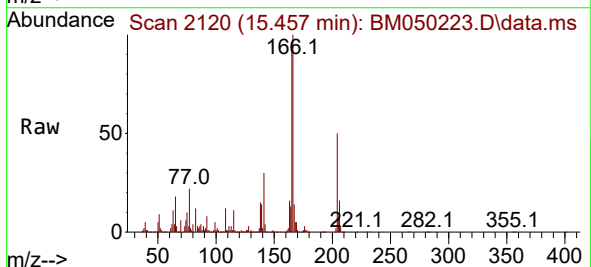
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

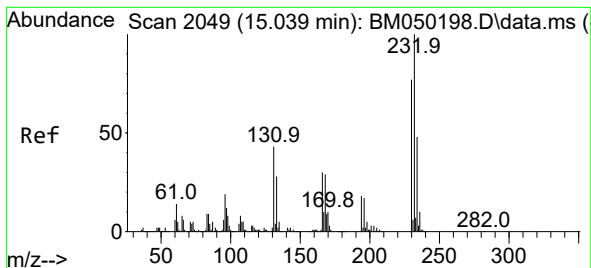
Tgt Ion:165 Resp: 388856
Ion Ratio Lower Upper
165 100
63 40.2 28.4 42.6
89 78.1 58.0 87.0
182 2.4 2.2 3.2



#58
Fluorene
Concen: 38.758 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion:166 Resp: 1477480
Ion Ratio Lower Upper
166 100
165 96.0 77.0 115.4
167 13.8 10.7 16.1

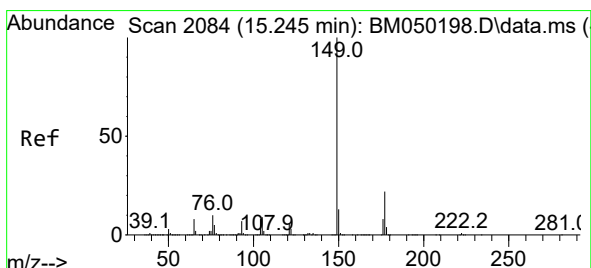
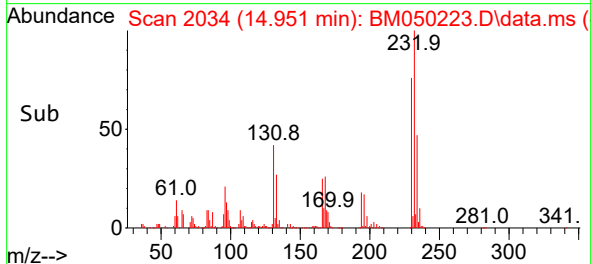
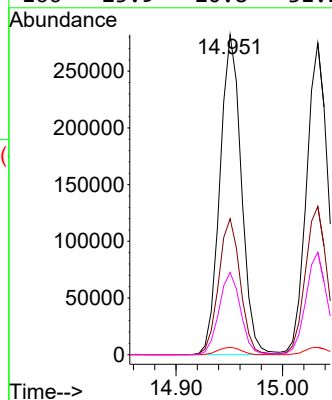
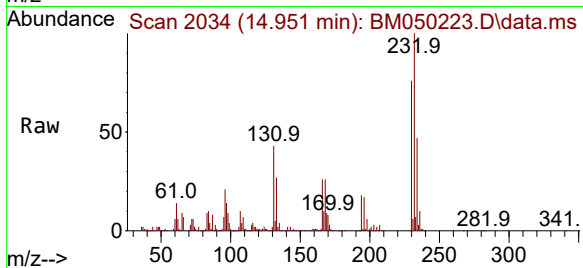




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.849 ng
RT: 14.951 min Scan# 2049
Delta R.T. -0.088 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

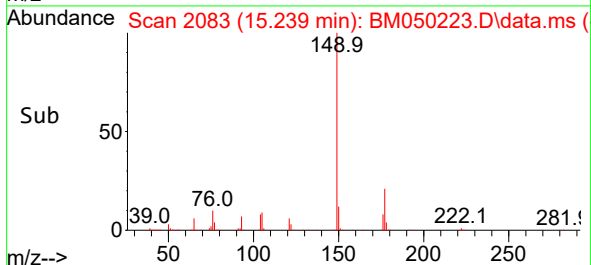
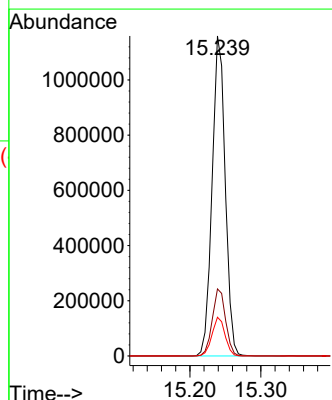
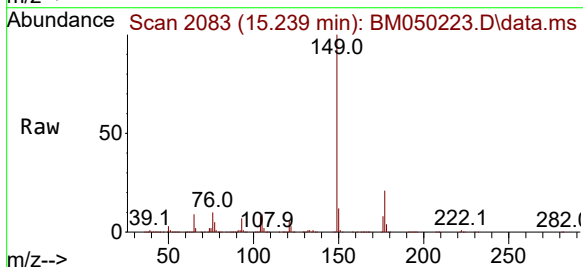
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

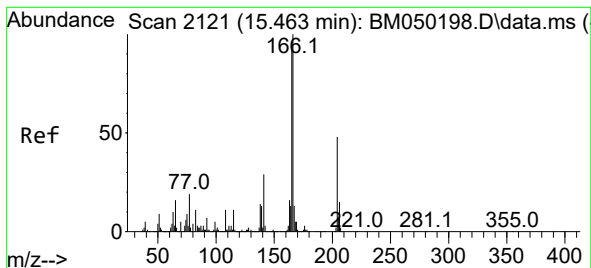
Tgt Ion:232 Resp: 394382
Ion Ratio Lower Upper
232 100
131 42.8 32.9 49.3
130 2.4 1.8 2.8
166 25.9 20.8 31.2



#60
Diethylphthalate
Concen: 38.367 ng
RT: 15.239 min Scan# 2083
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion:149 Resp: 1487176
Ion Ratio Lower Upper
149 100
177 20.9 17.2 25.8
150 12.1 10.0 15.0

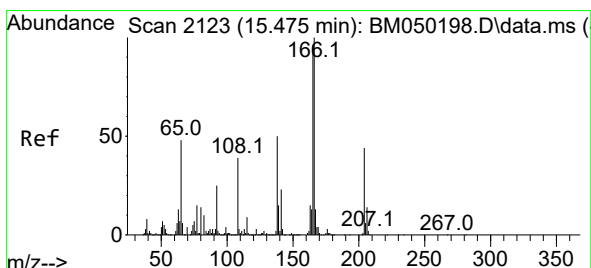
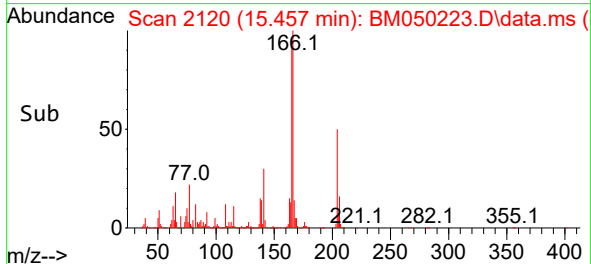
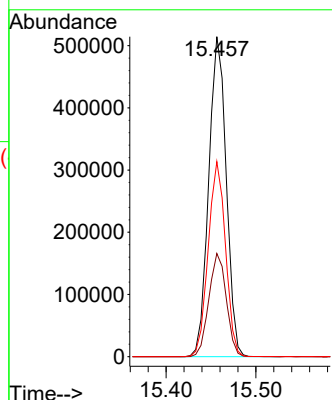
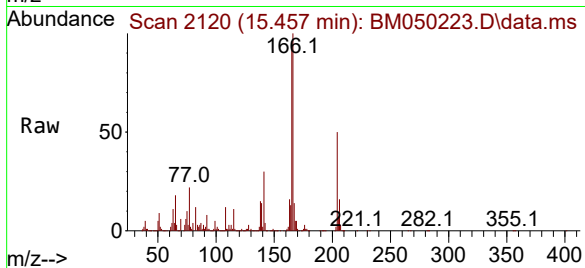




#61
4-Chlorophenyl-phenylether
Concen: 37.846 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

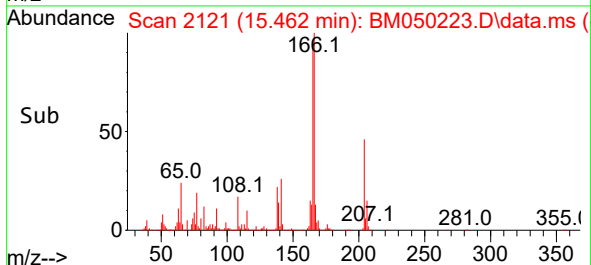
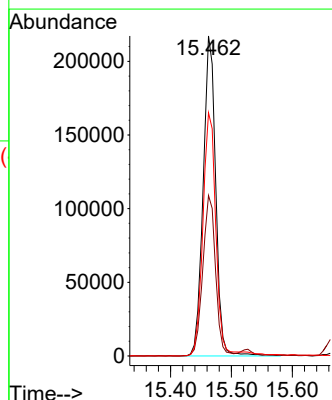
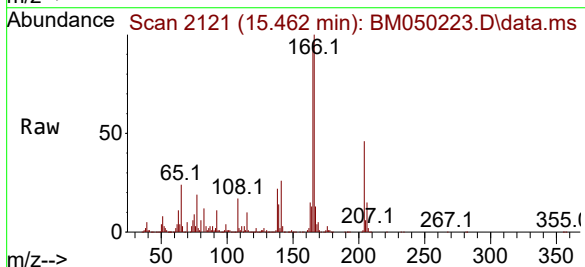
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

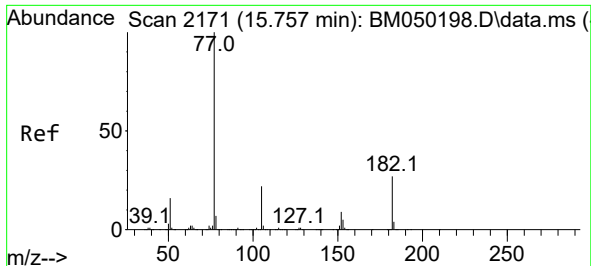
Tgt Ion:204 Resp: 697257
Ion Ratio Lower Upper
204 100
206 32.3 25.4 38.0
141 60.9 47.9 71.9



#62
4-Nitroaniline
Concen: 37.897 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.018 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion:138 Resp: 311884
Ion Ratio Lower Upper
138 100
92 50.1 28.8 68.8
108 76.0 58.1 98.1

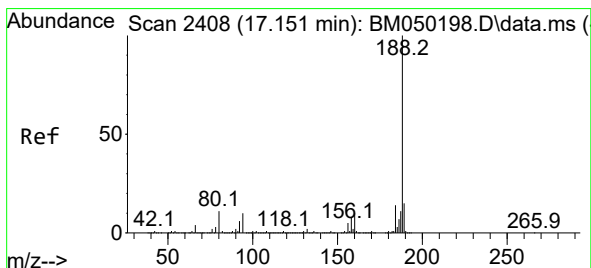
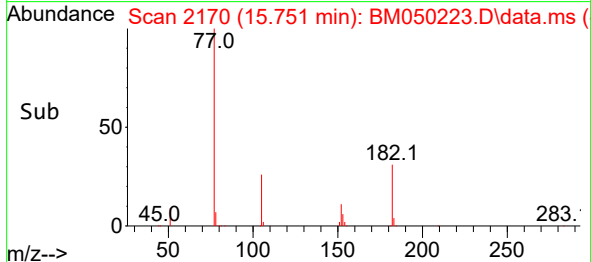
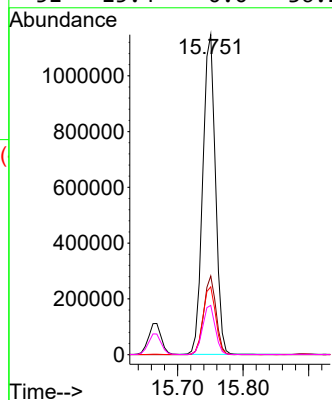
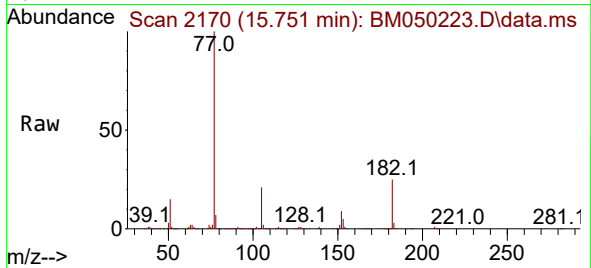




#63
Azobenzene
Concen: 39.793 ng
RT: 15.751 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

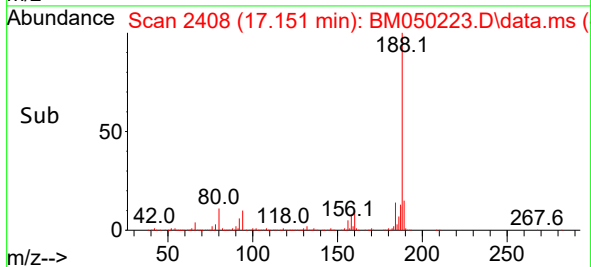
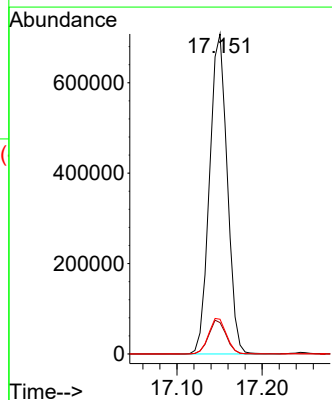
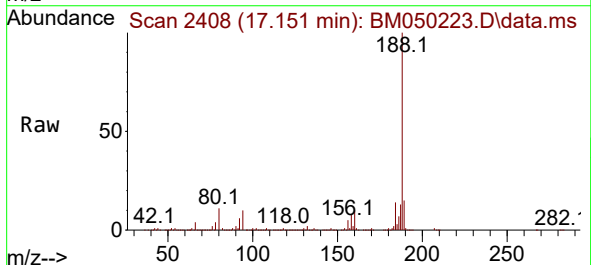
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

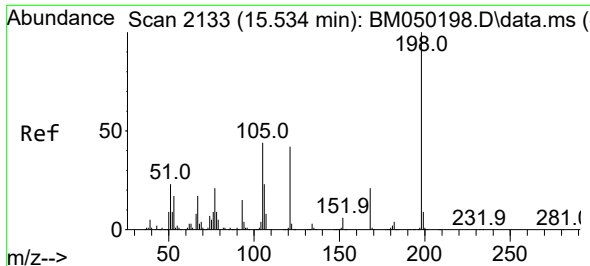
Tgt Ion: 77 Resp: 1541719
Ion Ratio Lower Upper
77 100
182 24.6 6.8 46.8
105 21.2 1.7 41.7
51 15.4 0.0 36.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion: 188 Resp: 1020063
Ion Ratio Lower Upper
188 100
94 9.8 8.1 12.1
80 10.9 8.6 13.0

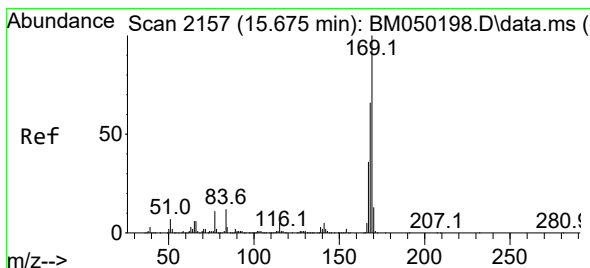
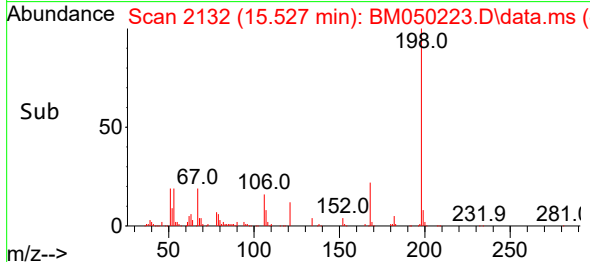
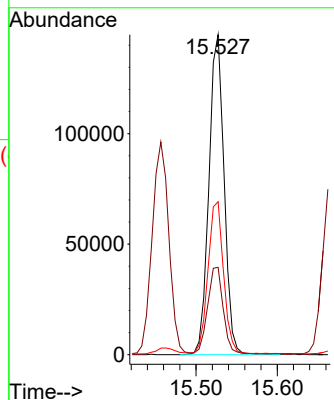
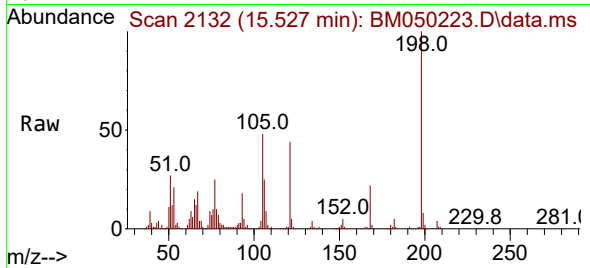




#65
4,6-Dinitro-2-methylphenol
Concen: 33.760 ng
RT: 15.527 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

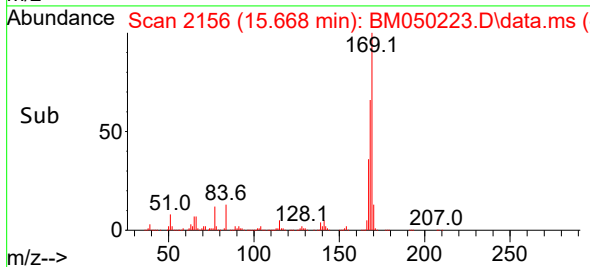
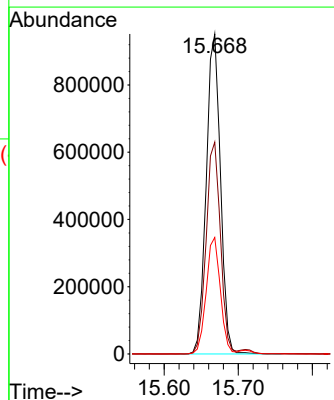
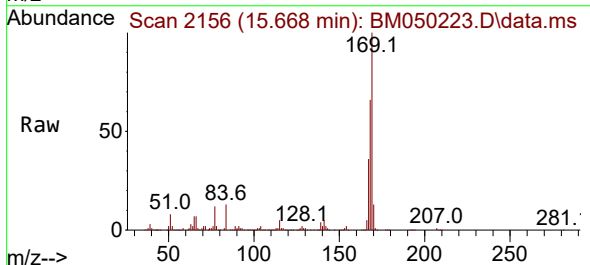
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

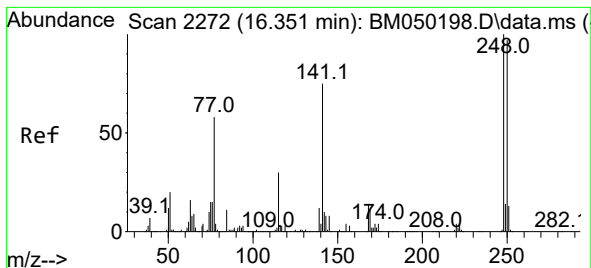
Tgt Ion:198 Resp: 188089
Ion Ratio Lower Upper
198 100
51 27.3 4.5 44.5
105 47.8 24.9 64.9



#66
n-Nitrosodiphenylamine
Concen: 39.604 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion:169 Resp: 1269360
Ion Ratio Lower Upper
169 100
168 66.2 53.1 79.7
167 36.4 29.0 43.6

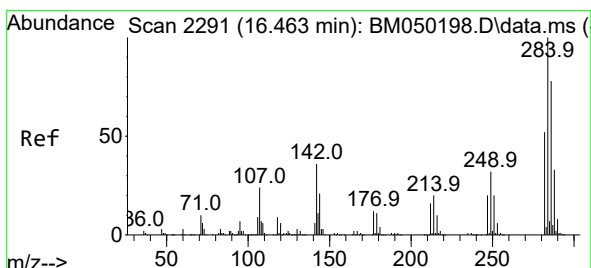
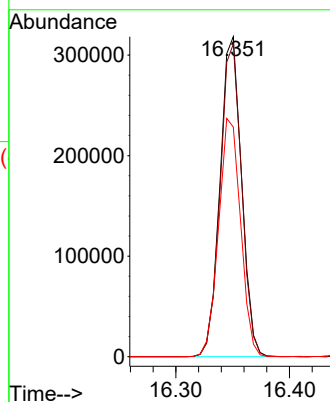
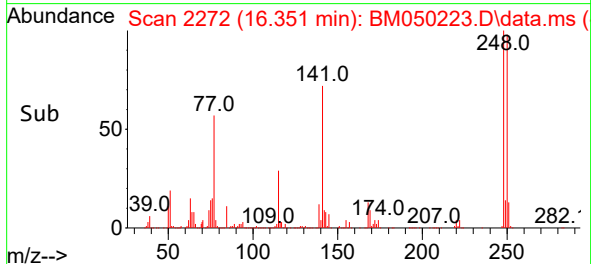
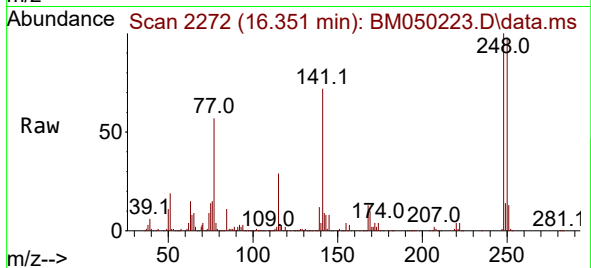




#67
4-Bromophenyl-phenylether
Concen: 38.649 ng
RT: 16.351 min Scan# 211
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

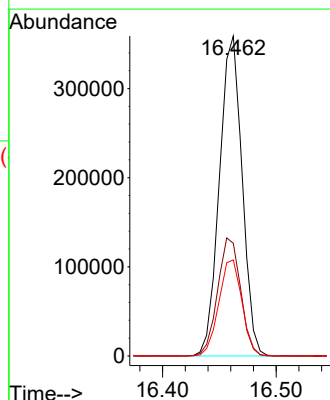
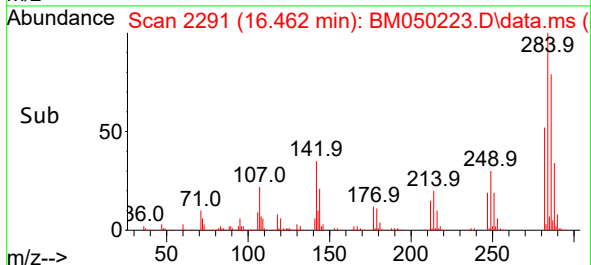
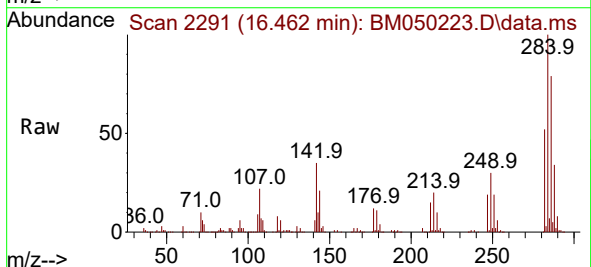
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

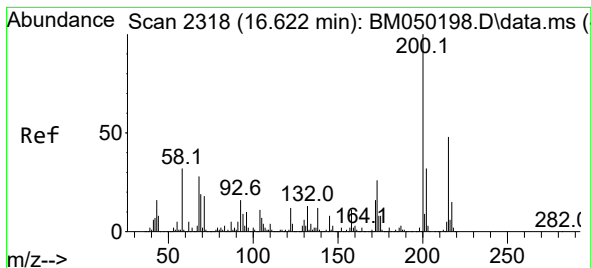
Tgt Ion:248 Resp: 420416
Ion Ratio Lower Upper
248 100
250 97.7 78.0 117.0
141 71.7 60.1 90.1



#68
Hexachlorobenzene
Concen: 39.187 ng
RT: 16.462 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion:284 Resp: 498038
Ion Ratio Lower Upper
284 100
142 35.2 28.8 43.2
249 30.0 25.8 38.6





#69

Atrazine

Concen: 38.856 ng

RT: 16.615 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050223.D

Acq: 06 Jun 2025 21:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

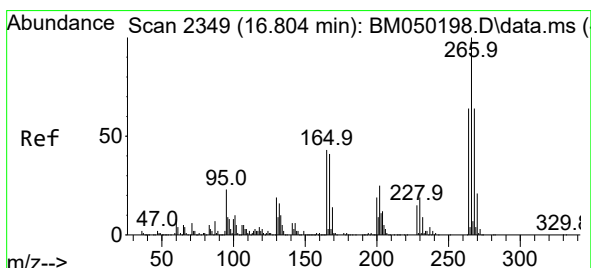
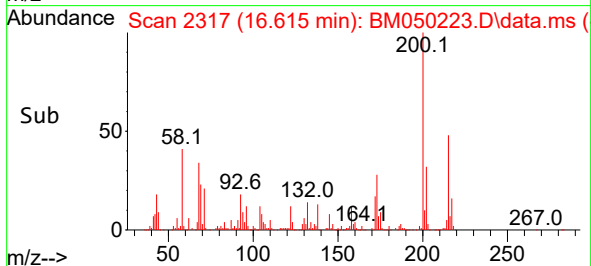
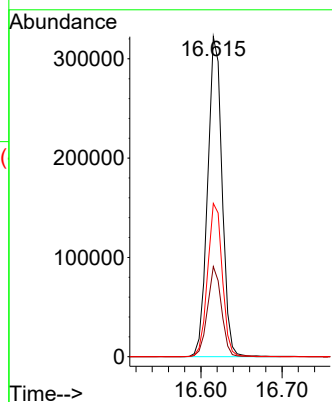
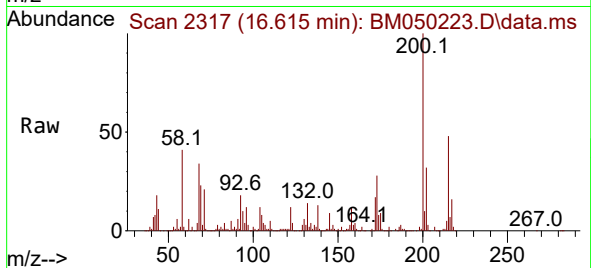
Tgt Ion:200 Resp: 396810

Ion Ratio Lower Upper

200 100

173 28.2 6.0 46.0

215 47.9 28.1 68.1



#70

Pentachlorophenol

Concen: 54.470 ng

RT: 16.798 min Scan# 2348

Delta R.T. -0.006 min

Lab File: BM050223.D

Acq: 06 Jun 2025 21:23

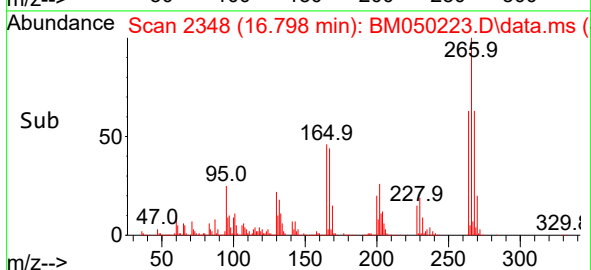
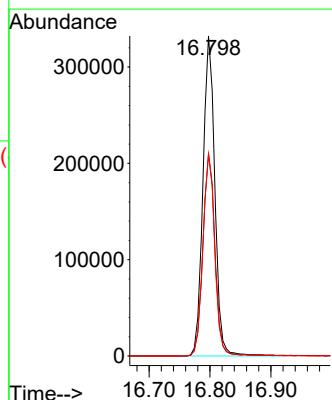
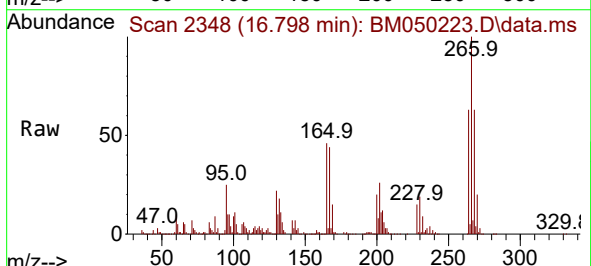
Tgt Ion:266 Resp: 450080

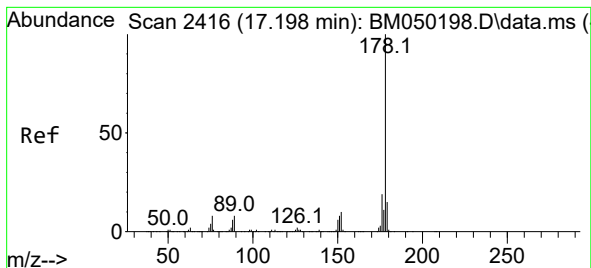
Ion Ratio Lower Upper

266 100

268 63.1 51.0 76.6

264 63.5 50.8 76.2





#71

Phenanthrene

Concen: 39.083 ng

RT: 17.192 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BM050223.D

Acq: 06 Jun 2025 21:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

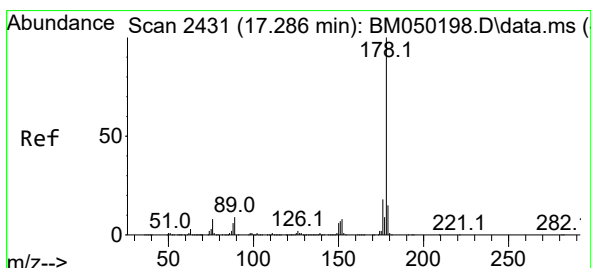
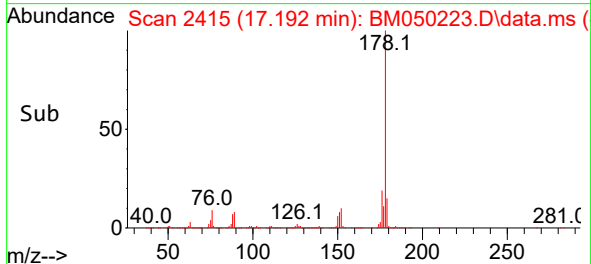
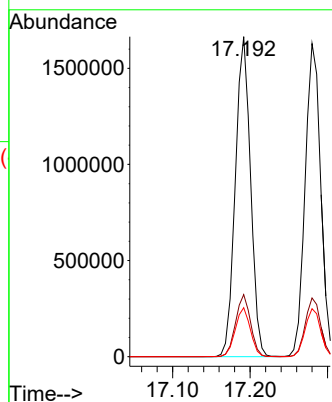
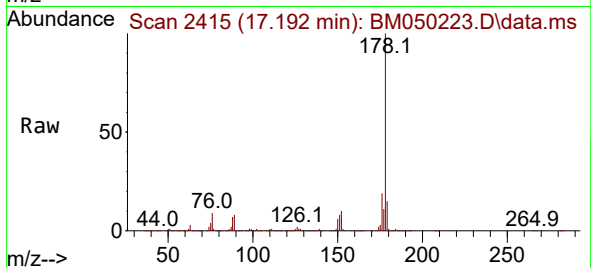
Tgt Ion:178 Resp: 2277503

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

179 15.3 12.3 18.5



#72

Anthracene

Concen: 39.142 ng

RT: 17.280 min Scan# 2430

Delta R.T. -0.006 min

Lab File: BM050223.D

Acq: 06 Jun 2025 21:23

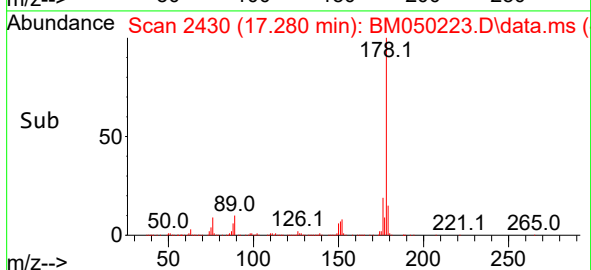
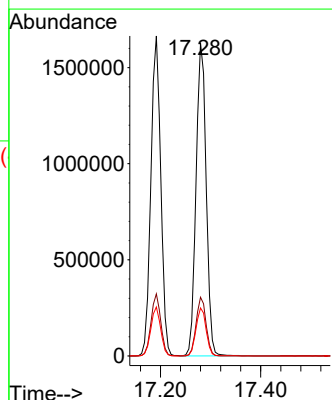
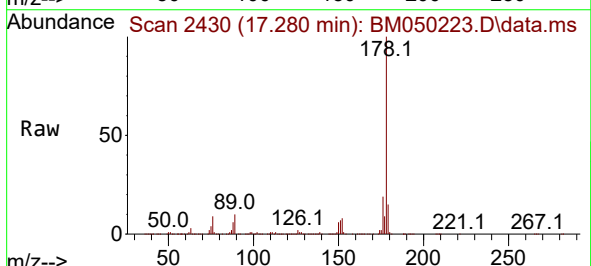
Tgt Ion:178 Resp: 2281838

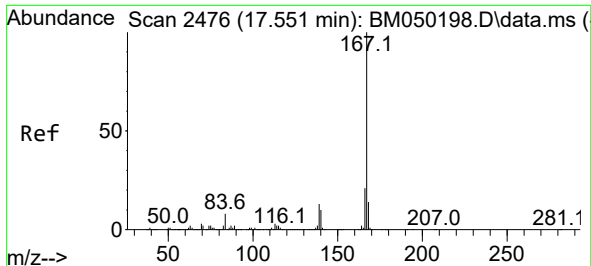
Ion Ratio Lower Upper

178 100

176 18.8 14.8 22.2

179 15.3 12.3 18.5

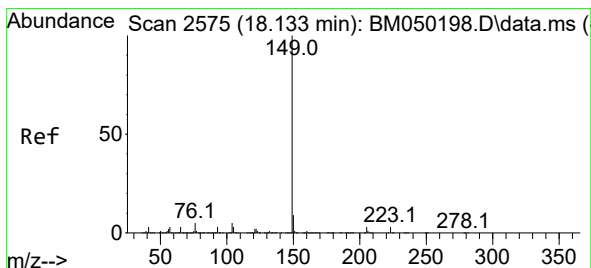
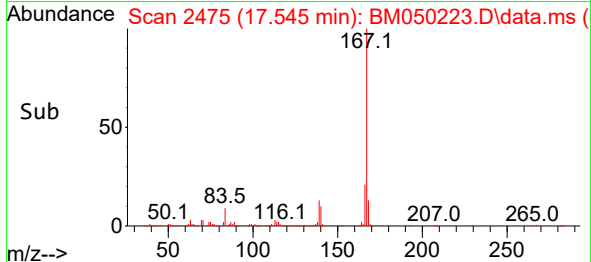
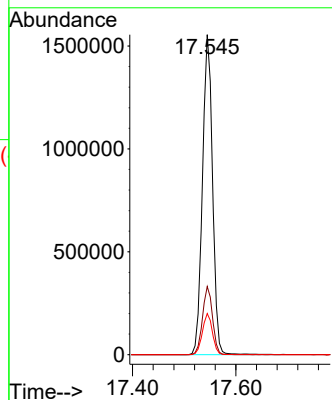
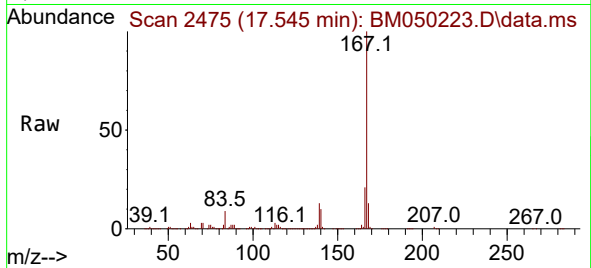




#73
 Carbazole
 Concen: 39.653 ng
 RT: 17.545 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BM050223.D
 Acq: 06 Jun 2025 21:23

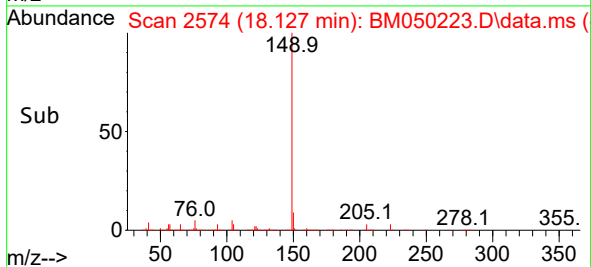
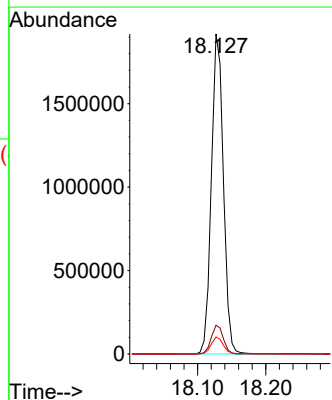
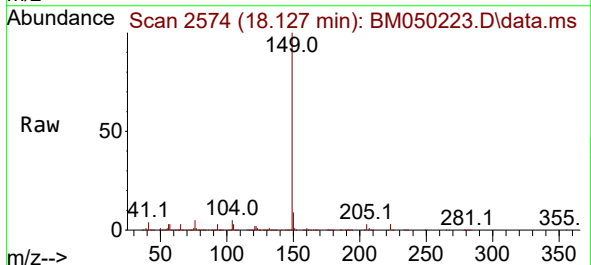
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

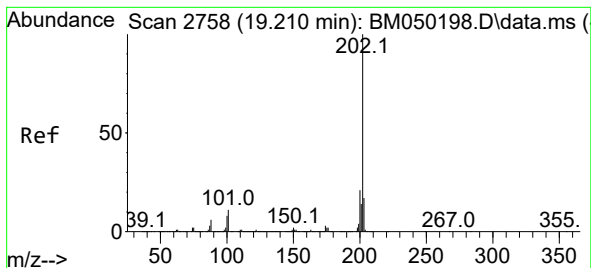
Tgt Ion:167 Resp: 2105934
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.6
 139 12.9 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 40.728 ng
 RT: 18.127 min Scan# 2574
 Delta R.T. -0.006 min
 Lab File: BM050223.D
 Acq: 06 Jun 2025 21:23

Tgt Ion:149 Resp: 2353514
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 5.3 4.0 6.0





#75

Fluoranthene

Concen: 39.418 ng

RT: 19.203 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050223.D

Acq: 06 Jun 2025 21:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

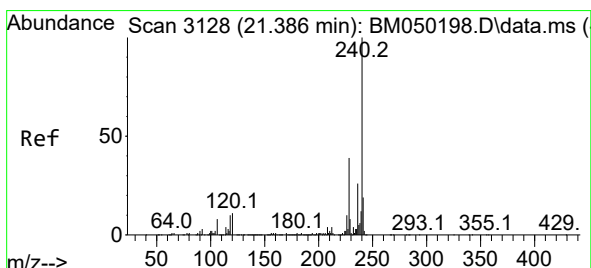
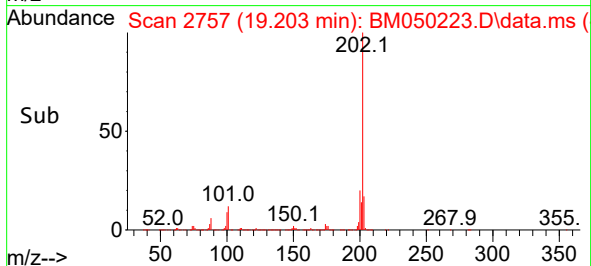
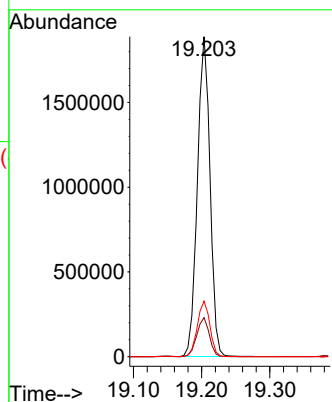
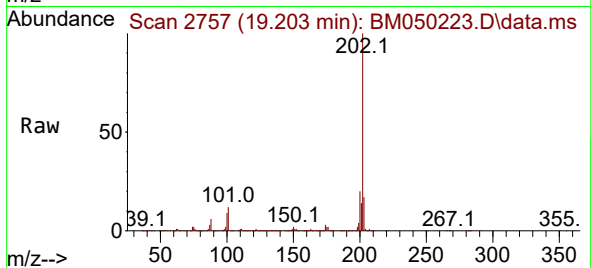
Tgt Ion:202 Resp: 2422364

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.1

203 17.4 0.0 37.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BM050223.D

Acq: 06 Jun 2025 21:23

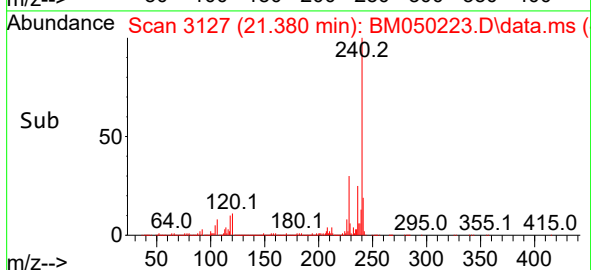
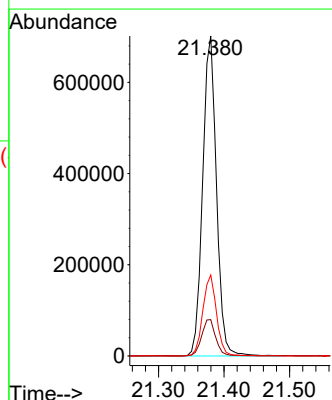
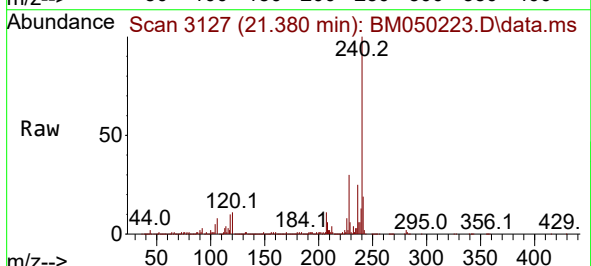
Tgt Ion:240 Resp: 1029161

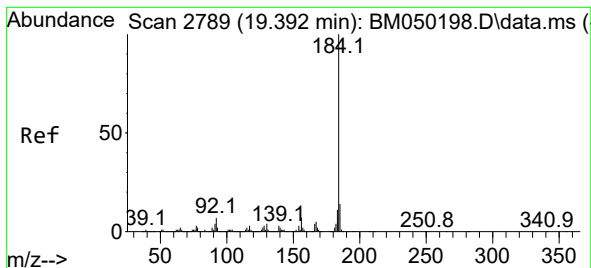
Ion Ratio Lower Upper

240 100

120 11.4 9.0 13.4

236 25.3 20.7 31.1





#77

Benzidine

Concen: 35.698 ng

RT: 19.386 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050223.D

Acq: 06 Jun 2025 21:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

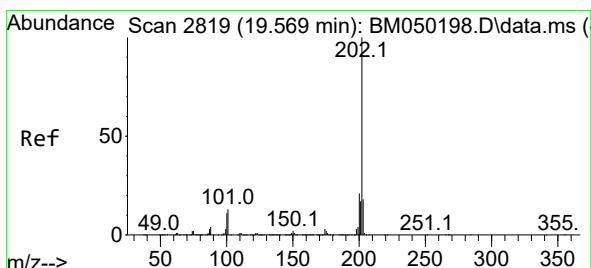
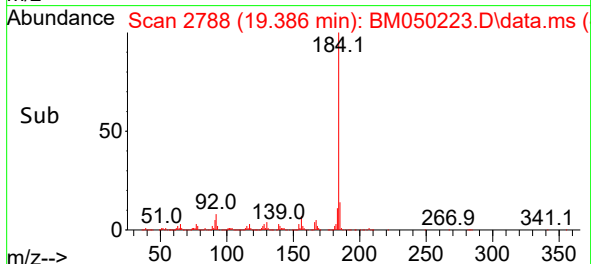
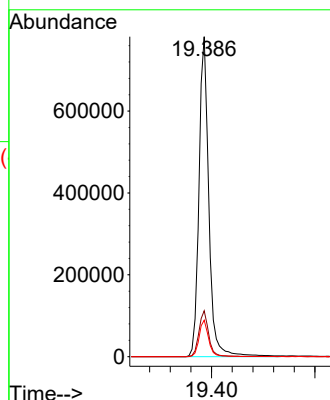
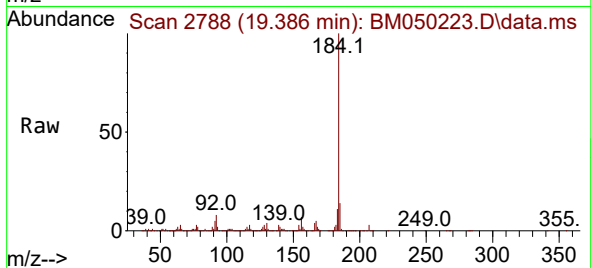
Tgt Ion:184 Resp: 1033142

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

183 11.4 9.0 13.4



#78

Pyrene

Concen: 37.639 ng

RT: 19.562 min Scan# 2818

Delta R.T. -0.006 min

Lab File: BM050223.D

Acq: 06 Jun 2025 21:23

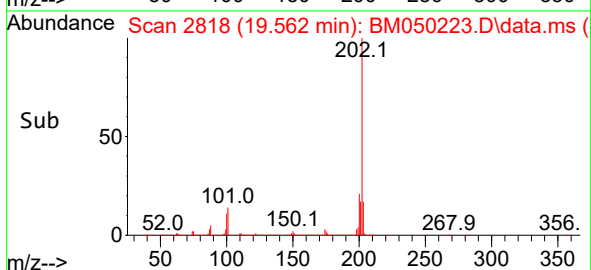
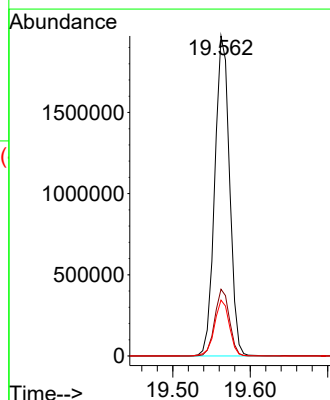
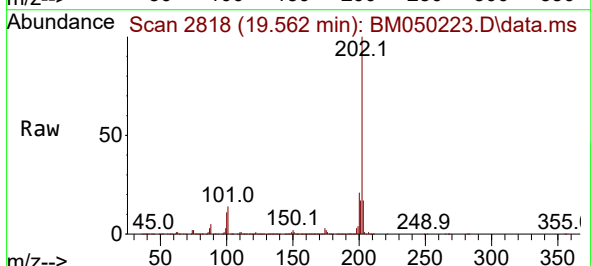
Tgt Ion:202 Resp: 2610878

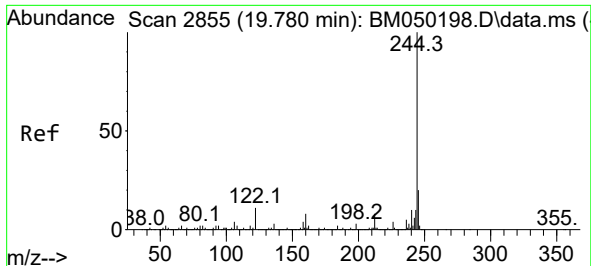
Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

203 17.5 14.1 21.1

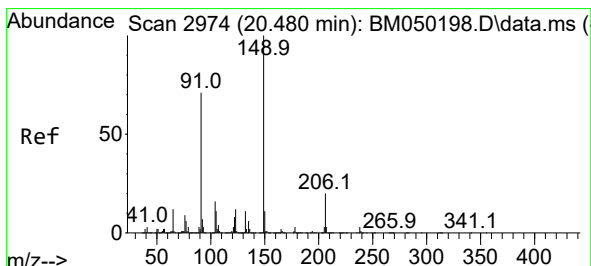
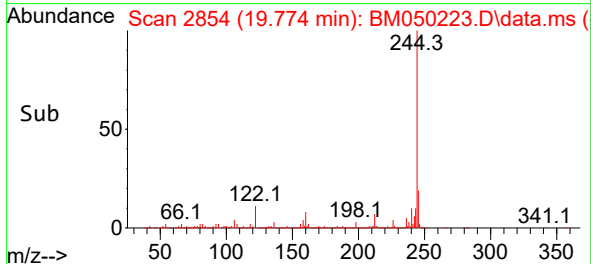
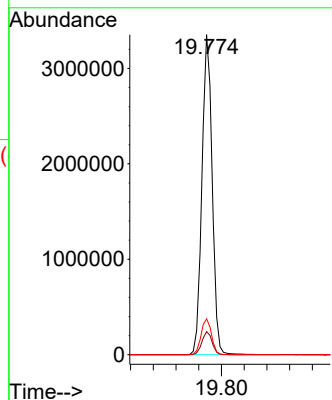
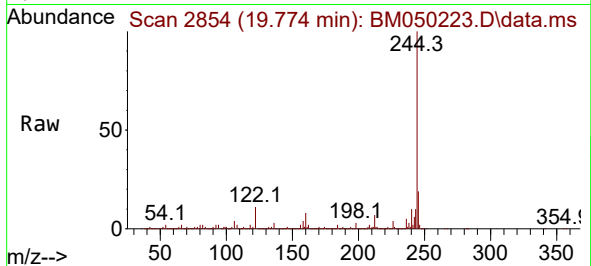




#79
 Terphenyl-d14
 Concen: 77.270 ng
 RT: 19.774 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM050223.D
 Acq: 06 Jun 2025 21:23

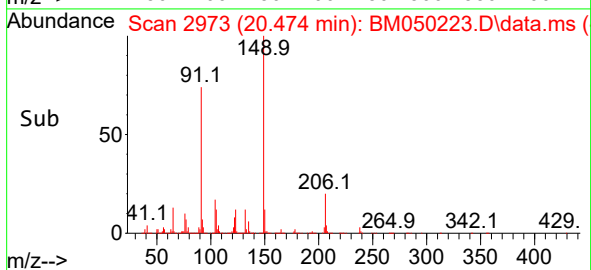
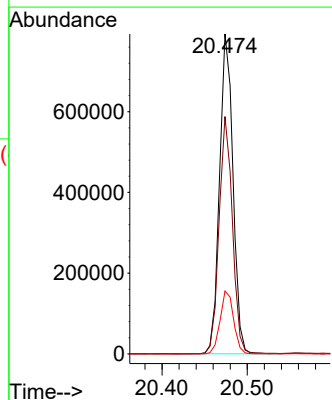
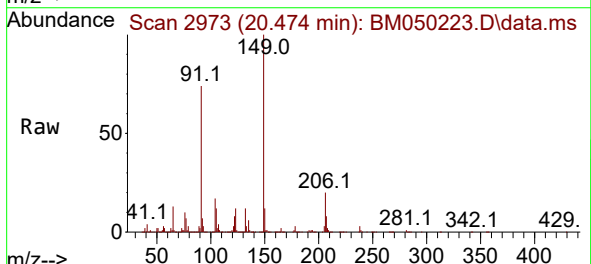
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

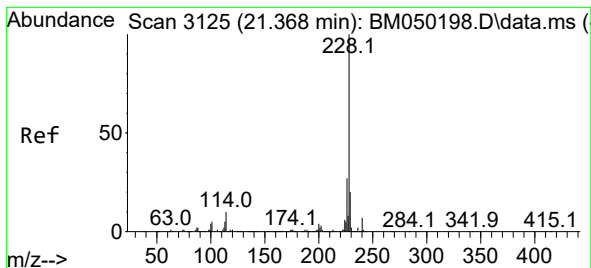
Tgt Ion:244 Resp: 4196425
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 11.2 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 37.449 ng
 RT: 20.474 min Scan# 2973
 Delta R.T. -0.006 min
 Lab File: BM050223.D
 Acq: 06 Jun 2025 21:23

Tgt Ion:149 Resp: 866505
 Ion Ratio Lower Upper
 149 100
 91 74.2 56.9 85.3
 206 19.7 16.1 24.1





#81

Benzo(a)anthracene

Concen: 38.465 ng

RT: 21.362 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BM050223.D

Acq: 06 Jun 2025 21:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

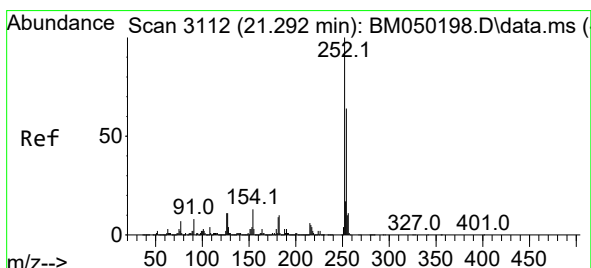
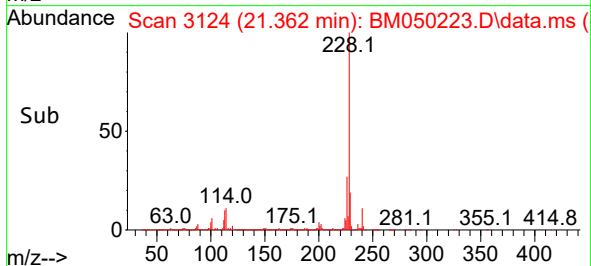
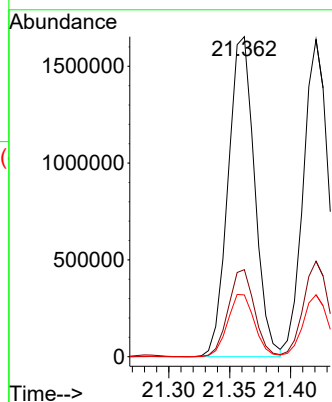
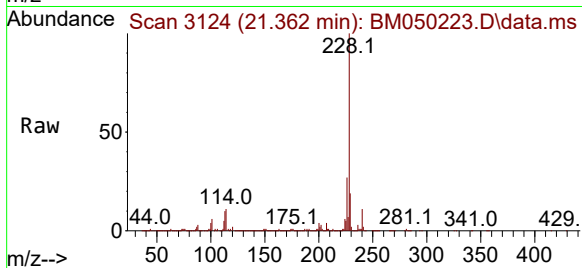
Tgt Ion:228 Resp: 2505653

Ion Ratio Lower Upper

228 100

226 27.2 21.7 32.5

229 19.3 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 37.727 ng

RT: 21.280 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BM050223.D

Acq: 06 Jun 2025 21:23

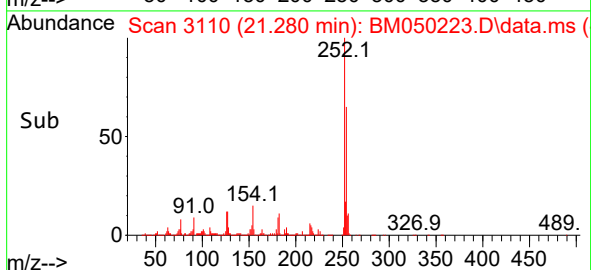
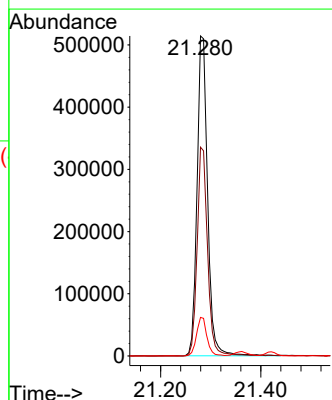
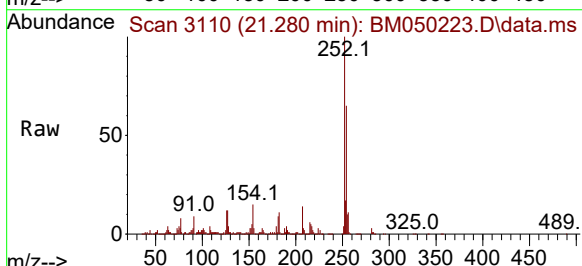
Tgt Ion:252 Resp: 749445

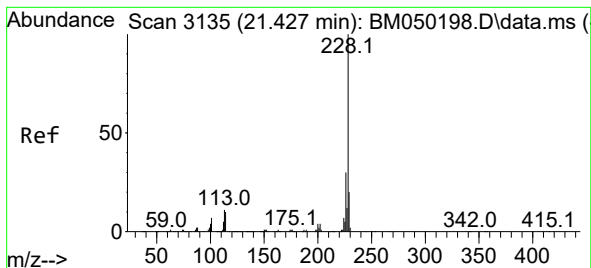
Ion Ratio Lower Upper

252 100

254 65.2 51.4 77.0

126 12.1 8.6 12.8





#83

Chrysene

Concen: 38.543 ng

RT: 21.421 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM050223.D

Acq: 06 Jun 2025 21:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

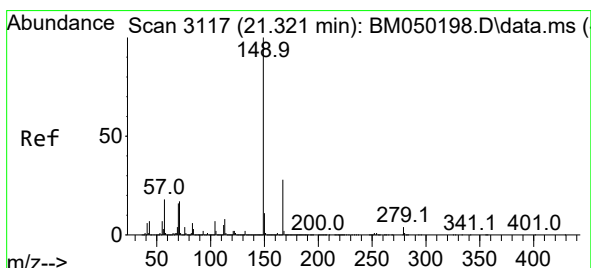
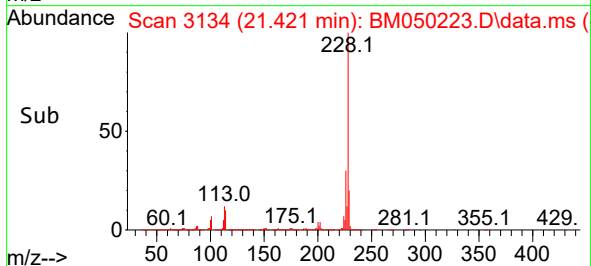
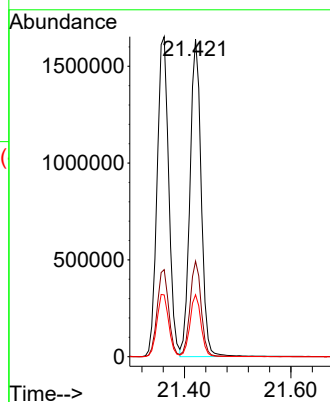
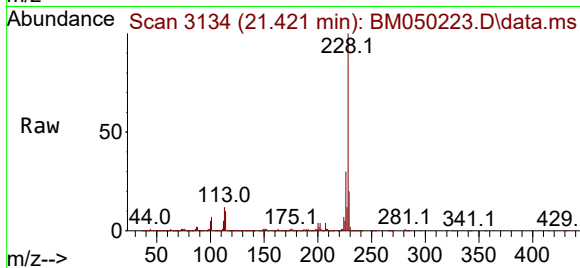
Tgt Ion:228 Resp: 2388286

Ion Ratio Lower Upper

228 100

226 30.1 24.3 36.5

229 19.5 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.966 ng

RT: 21.309 min Scan# 3115

Delta R.T. -0.012 min

Lab File: BM050223.D

Acq: 06 Jun 2025 21:23

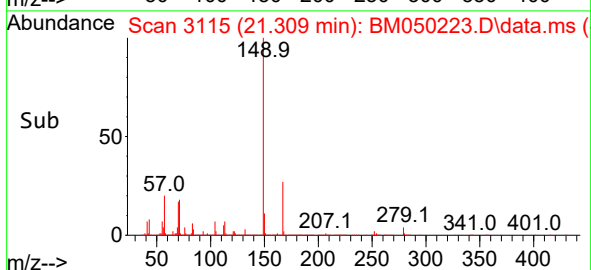
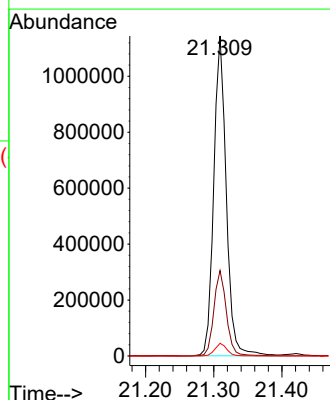
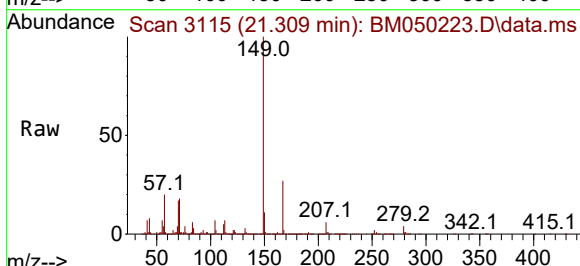
Tgt Ion:149 Resp: 1460030

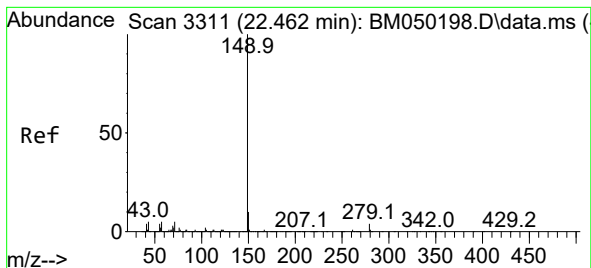
Ion Ratio Lower Upper

149 100

167 26.7 22.3 33.5

279 4.0 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 38.650 ng

RT: 22.450 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM050223.D

Acq: 06 Jun 2025 21:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

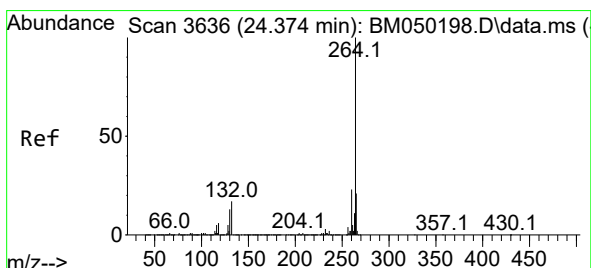
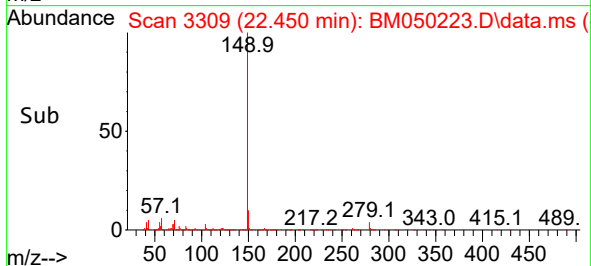
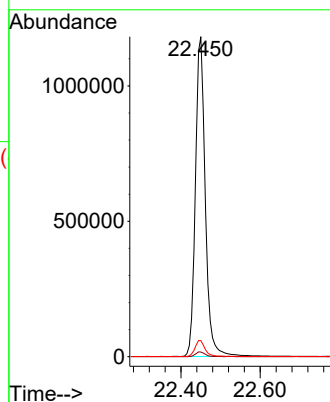
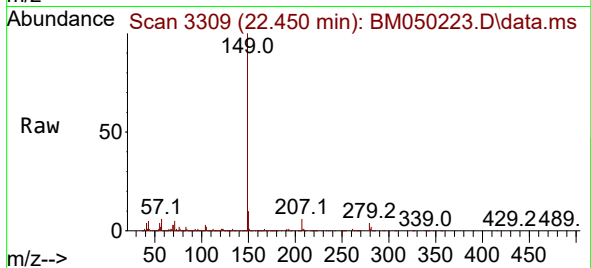
Tgt Ion:149 Resp: 2044079

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 5.3 3.8 5.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.362 min Scan# 3634

Delta R.T. -0.012 min

Lab File: BM050223.D

Acq: 06 Jun 2025 21:23

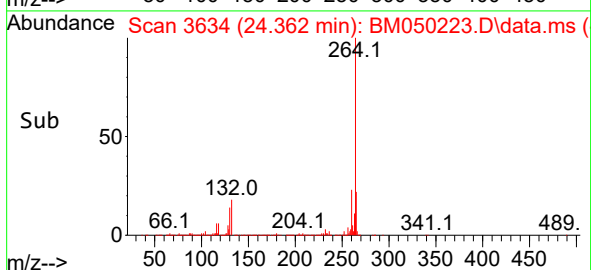
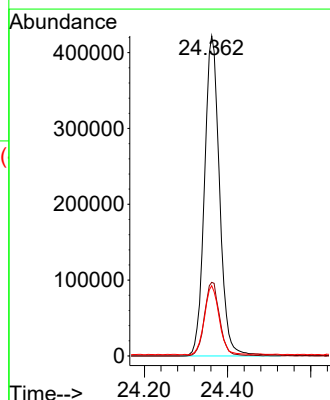
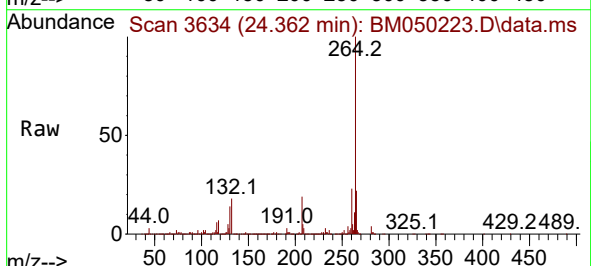
Tgt Ion:264 Resp: 1065458

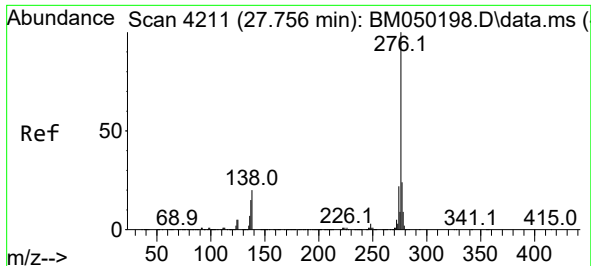
Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 22.0 16.8 25.2

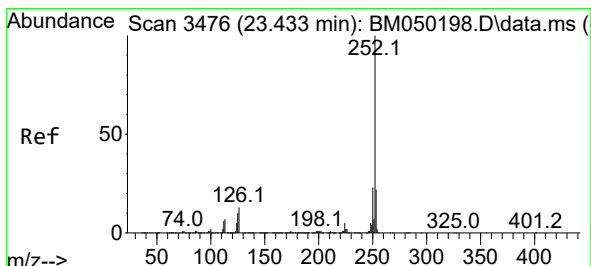
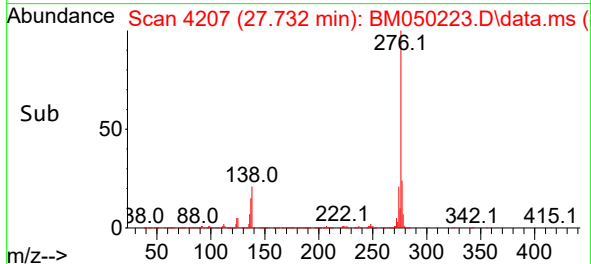
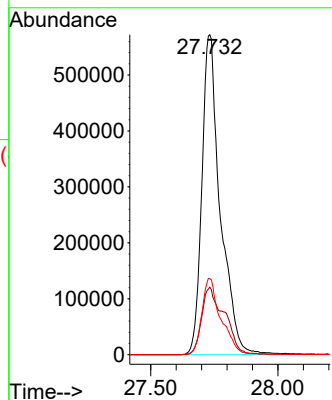
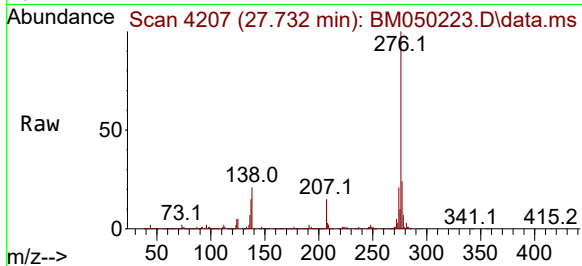




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.913 ng
 RT: 27.732 min Scan# 41
 Delta R.T. -0.030 min
 Lab File: BM050223.D
 Acq: 06 Jun 2025 21:23

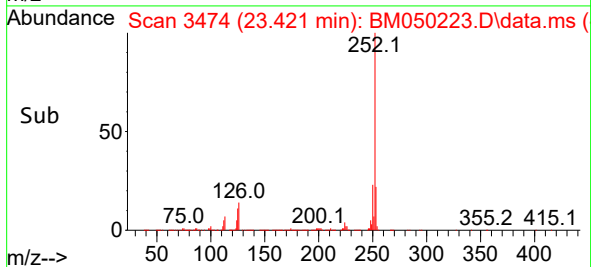
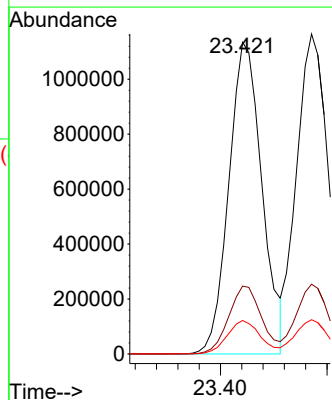
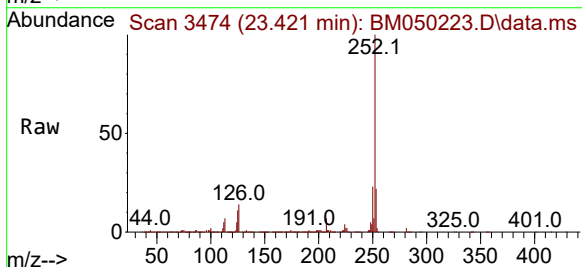
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

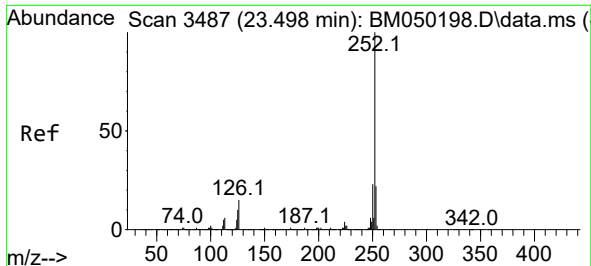
Tgt Ion:276 Resp: 2875354
 Ion Ratio Lower Upper
 276 100
 138 26.1 20.6 30.8
 277 24.7 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 39.555 ng
 RT: 23.421 min Scan# 3474
 Delta R.T. -0.018 min
 Lab File: BM050223.D
 Acq: 06 Jun 2025 21:23

Tgt Ion:252 Resp: 2450263
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.2 25.8
 125 10.7 8.2 12.4

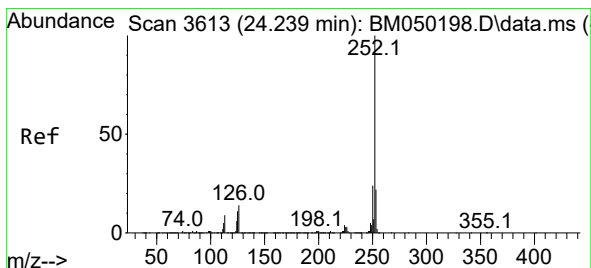
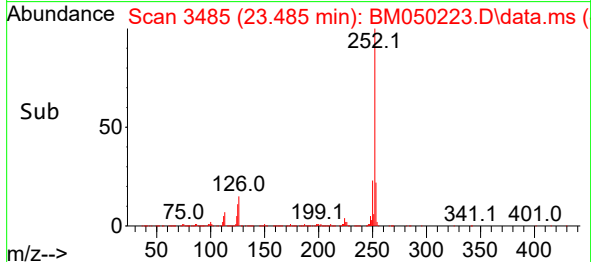
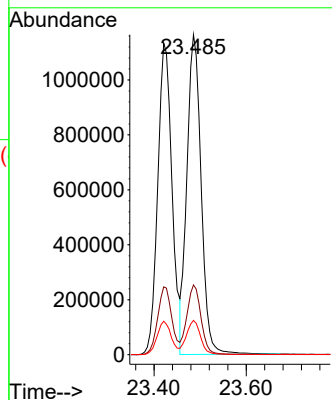
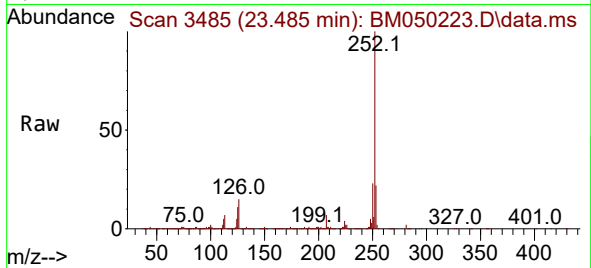




#89
Benzo(k)fluoranthene
Concen: 39.343 ng
RT: 23.485 min Scan# 34
Delta R.T. -0.018 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

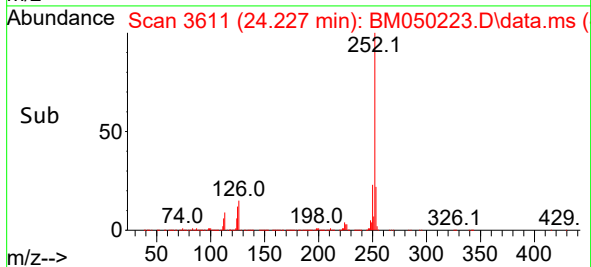
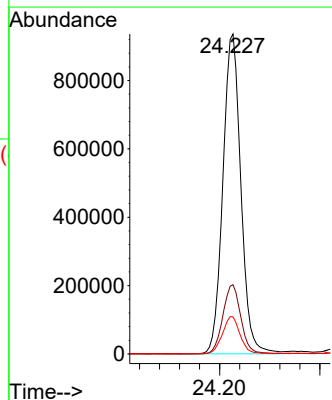
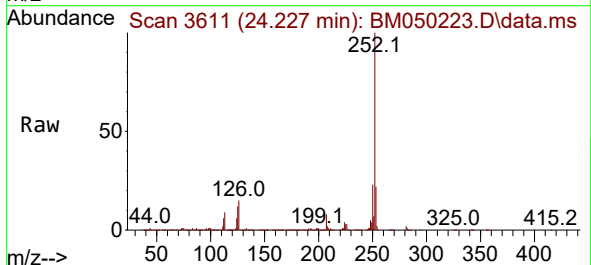
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

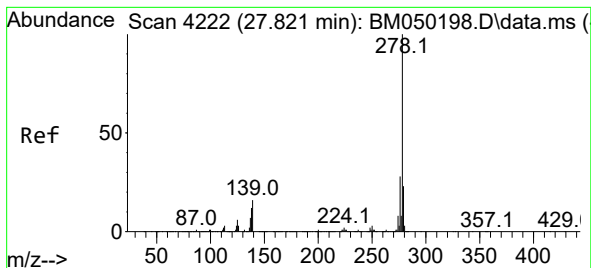
Tgt Ion:252 Resp: 2487954
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 10.7 8.2 12.4



#90
Benzo(a)pyrene
Concen: 40.007 ng
RT: 24.227 min Scan# 3611
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion:252 Resp: 2330101
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 11.6 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 41.219 ng

RT: 27.797 min Scan# 41

Delta R.T. -0.024 min

Lab File: BM050223.D

Acq: 06 Jun 2025 21:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

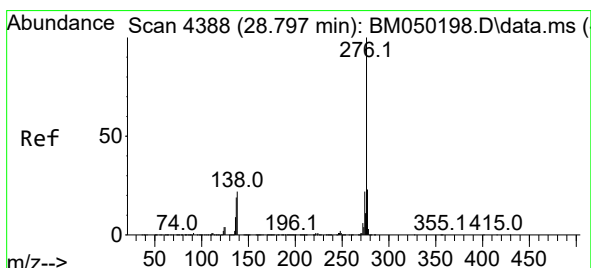
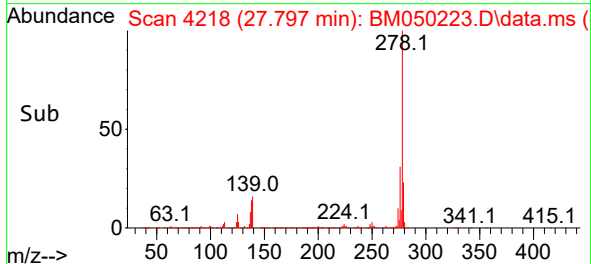
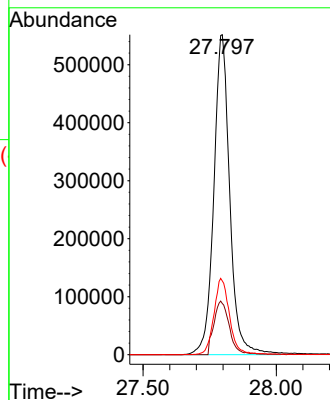
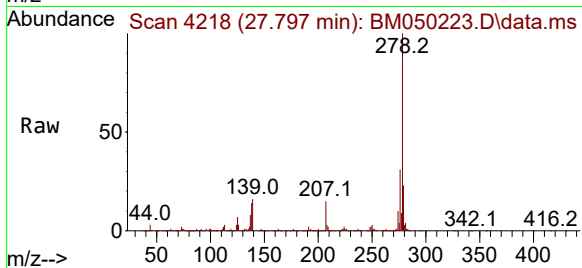
Tgt Ion:278 Resp: 2295279

Ion Ratio Lower Upper

278 100

139 16.0 12.8 19.2

279 23.1 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 42.573 ng

RT: 28.773 min Scan# 4384

Delta R.T. -0.041 min

Lab File: BM050223.D

Acq: 06 Jun 2025 21:23

Tgt Ion:276 Resp: 2372730

Ion Ratio Lower Upper

276 100

277 23.7 18.6 27.8

138 23.6 17.8 26.6

