

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043025\
 Data File : BM050051.D
 Acq On : 30 Apr 2025 18:41
 Operator : RC/JU
 Sample : Q1889-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-2MSD

Quant Time: May 01 02:17:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	268621	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	952202	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	594823	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1087317	20.000	ng	0.00
76) Chrysene-d12	21.391	240	1064603	20.000	ng	0.00
86) Perylene-d12	24.391	264	1079586	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1266343	82.550	ng	0.00
7) Phenol-d6	6.945	99	1608250	83.412	ng	0.00
23) Nitrobenzene-d5	8.922	82	945248	48.917	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	677184	76.994	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	2302564	45.793	ng	0.00
79) Terphenyl-d14	19.774	244	3228035	44.868	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.252	88	221021	33.603	ng	98
3) Pyridine	3.651	79	598540	35.417	ng	98
4) n-Nitrosodimethylamine	3.563	42	256302	38.669	ng	99
6) Aniline	7.092	93	367350	15.088	ng	99
8) 2-Chlorophenol	7.334	128	632596	38.140	ng	97
9) Benzaldehyde	6.910	77	291097	22.561	ng	97
10) Phenol	6.975	94	781463	40.036	ng	99
11) bis(2-Chloroethyl)ether	7.187	93	601292	36.892	ng	99
12) 1,3-Dichlorobenzene	7.651	146	717886	35.830	ng	99
13) 1,4-Dichlorobenzene	7.798	146	729230	36.229	ng	99
14) 1,2-Dichlorobenzene	8.116	146	705691	36.295	ng	99
15) Benzyl Alcohol	8.010	79	507793	37.977	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.286	45	737337	37.217	ng	99
17) 2-Methylphenol	8.222	107	492742	38.320	ng	99
18) Hexachloroethane	8.839	117	260815	36.451	ng	98
19) n-Nitroso-di-n-propyla...	8.569	70	453356	36.662	ng	98
20) 3+4-Methylphenols	8.551	107	660161	38.017	ng	98
22) Acetophenone	8.586	105	891086	37.641	ng	# 98
24) Nitrobenzene	8.963	77	644561	38.577	ng	99
25) Isophorone	9.492	82	1201170	36.466	ng	98
26) 2-Nitrophenol	9.675	139	326061	38.199	ng	96
27) 2,4-Dimethylphenol	9.745	122	550372	38.880	ng	99
28) bis(2-Chloroethoxy)met...	9.969	93	766584	37.653	ng	100
29) 2,4-Dichlorophenol	10.228	162	616533	38.877	ng	100
30) 1,2,4-Trichlorobenzene	10.422	180	717222	37.121	ng	100
31) Naphthalene	10.604	128	1792852	37.179	ng	100
32) Benzoic acid	9.904	122	316166	34.922	ng	98
33) 4-Chloroaniline	10.733	127	163398	8.267	ng	99
34) Hexachlorobutadiene	10.892	225	456879	37.252	ng	99
35) Caprolactam	11.516	113	154454	33.403	ng	88
36) 4-Chloro-3-methylphenol	11.863	107	537050	36.655	ng	99
37) 2-Methylnaphthalene	12.222	142	1178033	36.437	ng	99
38) 1-Methylnaphthalene	12.439	142	1233882	36.063	ng	98
40) 1,2,4,5-Tetrachloroben...	12.598	216	817095	39.682	ng	99
41) Hexachlorocyclopentadiene	12.574	237	1072435	85.224	ng	99
43) 2,4,6-Trichlorophenol	12.845	196	514624	39.404	ng	98

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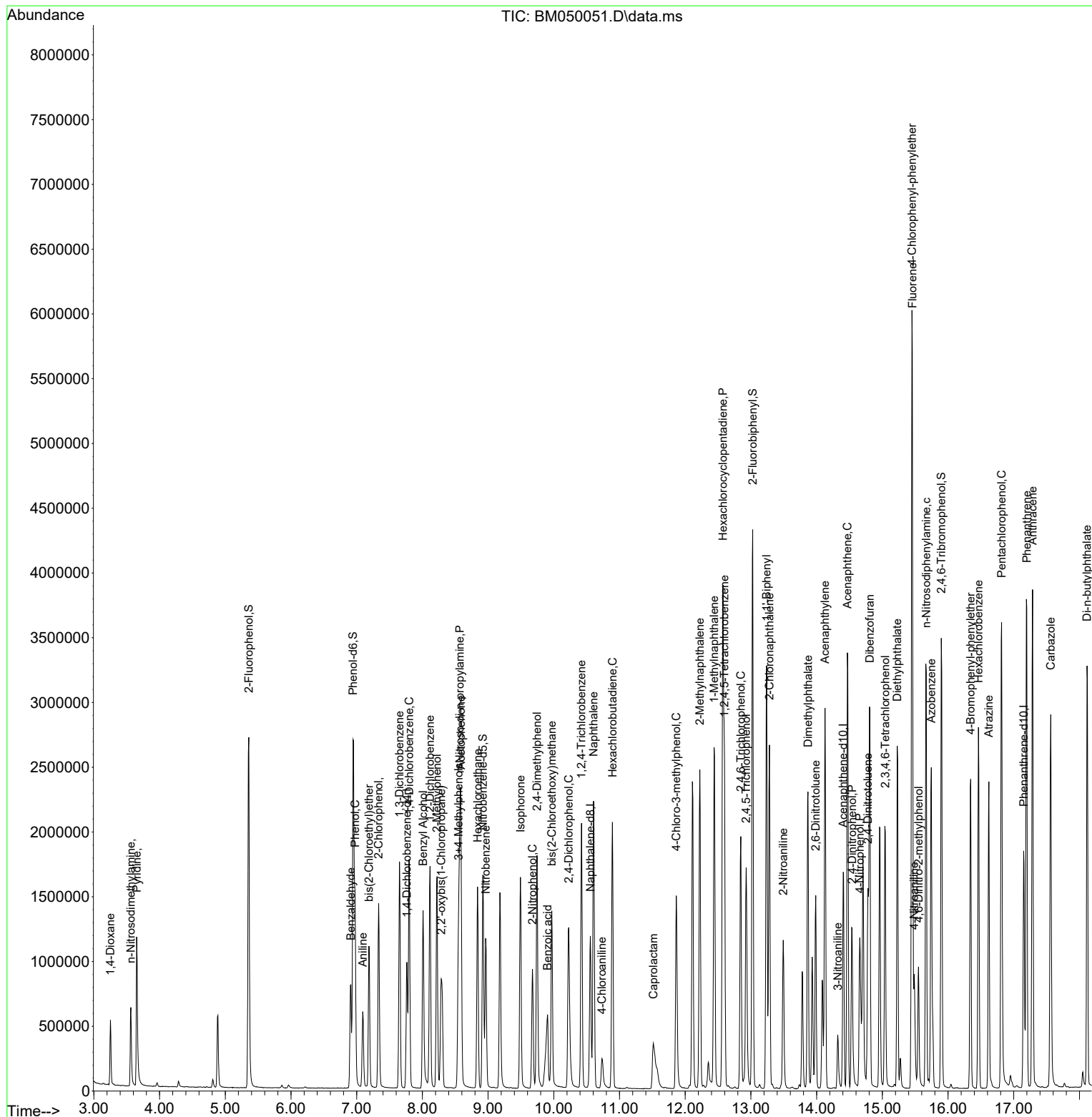
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.927	196	551094	39.130	ng	99
46) 1,1'-Biphenyl	13.239	154	1724245	38.996	ng	100
47) 2-Chloronaphthalene	13.280	162	1363033	38.922	ng	99
48) 2-Nitroaniline	13.492	65	319598	38.885	ng	99
49) Acenaphthylene	14.127	152	2083866	37.741	ng	100
50) Dimethylphthalate	13.868	163	1584975	36.461	ng	100
51) 2,6-Dinitrotoluene	13.986	165	339189	37.686	ng	96
52) Acenaphthene	14.468	154	1200585	37.565	ng	99
53) 3-Nitroaniline	14.321	138	121020	14.084	ng	98
54) 2,4-Dinitrophenol	14.539	184	366009	64.725	ng	98
55) Dibenzofuran	14.810	168	1964264	36.940	ng	99
56) 4-Nitrophenol	14.657	139	502037	72.280	ng	96
57) 2,4-Dinitrotoluene	14.780	165	464363	37.338	ng	97
58) Fluorene	15.457	166	1650249	37.915	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	445647	36.556	ng	99
60) Diethylphthalate	15.227	149	1469398	35.873	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	907435	37.958	ng	100
62) 4-Nitroaniline	15.486	138	270809	32.665	ng	93
63) Azobenzene	15.745	77	1448547	42.197	ng	98
65) 4,6-Dinitro-2-methylph...	15.551	198	237957	34.962	ng	98
66) n-Nitrosodiphenylamine	15.668	169	1316779	39.438	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	511324	38.888	ng	98
68) Hexachlorobenzene	16.462	284	584856	38.588	ng	99
69) Atrazine	16.621	200	457942	38.023	ng	99
70) Pentachlorophenol	16.815	266	726819	85.193	ng	99
71) Phenanthrene	17.198	178	2337865	38.122	ng	99
72) Anthracene	17.286	178	2381496	38.373	ng	100
73) Carbazole	17.562	167	2011901	37.359	ng	100
74) Di-n-butylphthalate	18.115	149	2411092	37.595	ng	99
75) Fluoranthene	19.215	202	2669187	37.072	ng	100
77) Benzidine	19.403	184	1006375	26.613	ng	99
78) Pyrene	19.574	202	2761052	36.932	ng	100
80) Butylbenzylphthalate	20.474	149	1035927	36.997	ng	98
81) Benzo(a)anthracene	21.374	228	2802323	38.225	ng	100
82) 3,3'-Dichlorobenzidine	21.297	252	558496	19.901	ng	99
83) Chrysene	21.439	228	2574823	37.948	ng	100
84) Bis(2-ethylhexyl)phtha...	21.291	149	1587961	37.968	ng	98
85) Di-n-octyl phthalate	22.421	149	2626805	38.085	ng	99
87) Indeno(1,2,3-cd)pyrene	27.785	276	3254161	40.453	ng	100
88) Benzo(b)fluoranthene	23.444	252	2631049	37.475	ng	100
89) Benzo(k)fluoranthene	23.509	252	2681396	37.756	ng	100
90) Benzo(a)pyrene	24.250	252	2498009	37.988	ng	100
91) Dibenzo(a,h)anthracene	27.826	278	2663917	40.625	ng	99
92) Benzo(g,h,i)perylene	28.832	276	2561403	40.801	ng	99

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

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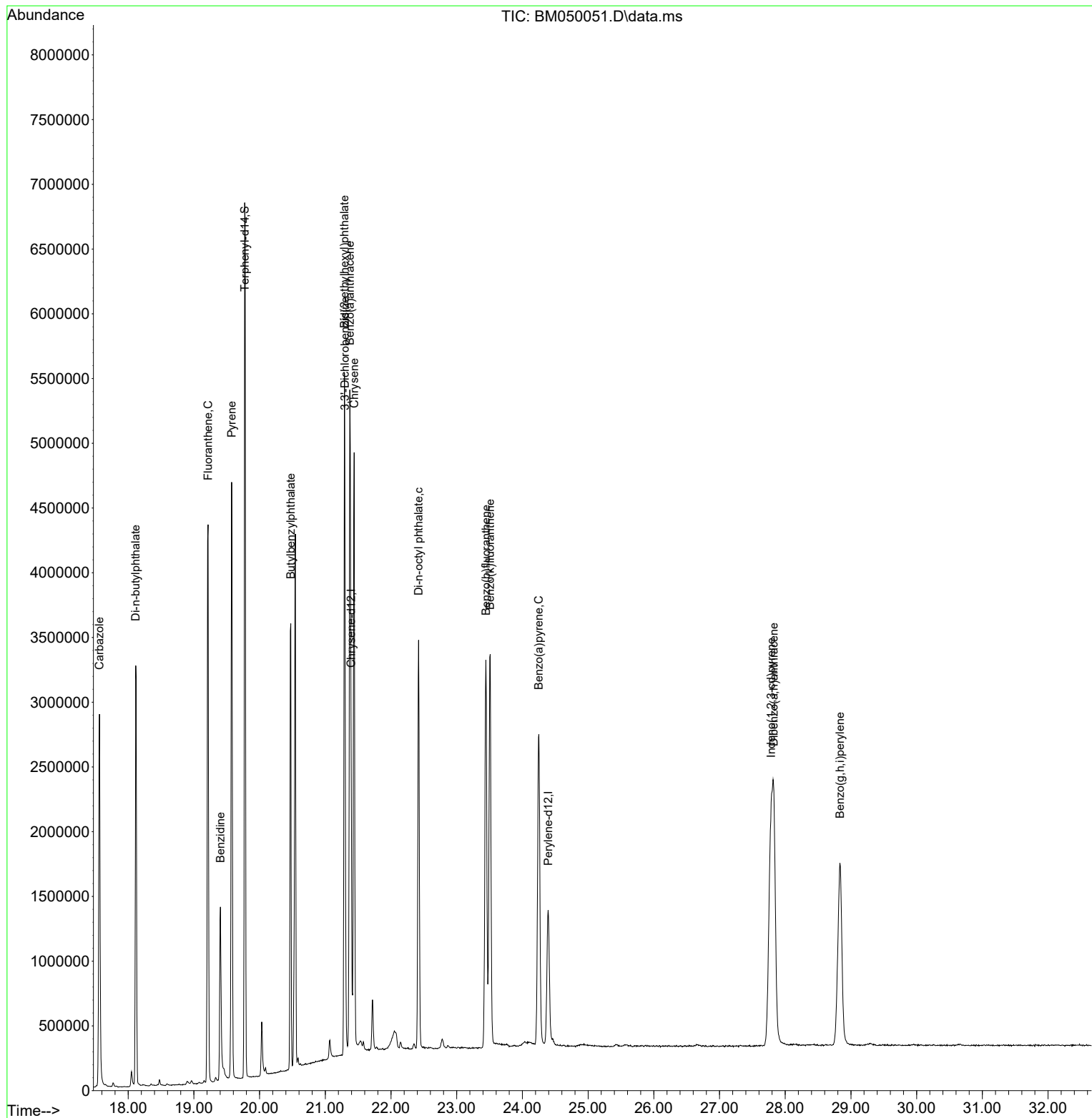
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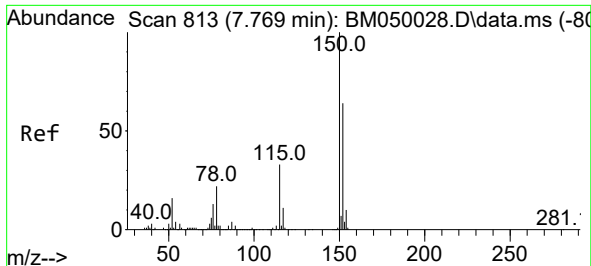


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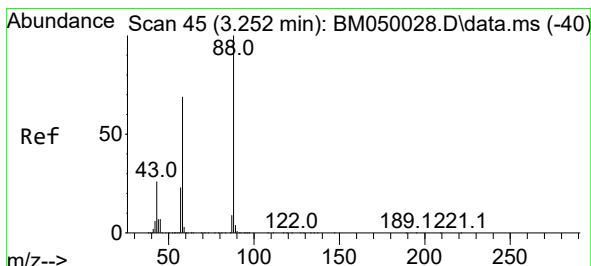
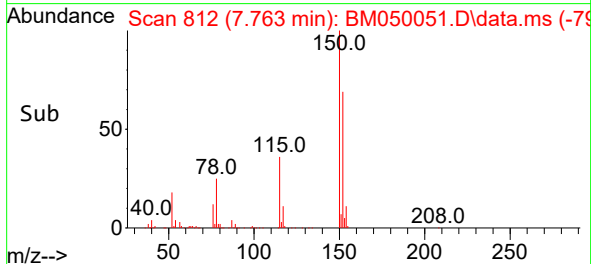
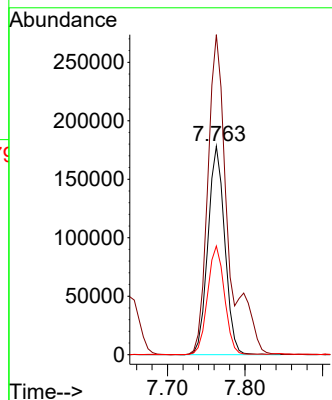
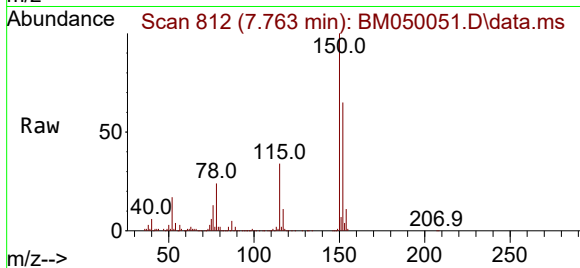




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050051.D
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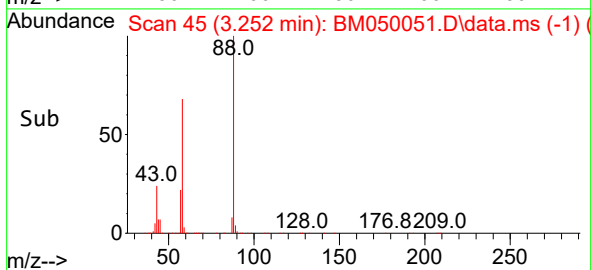
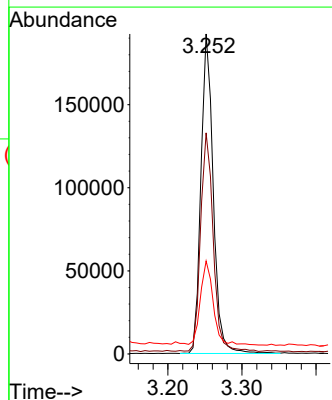
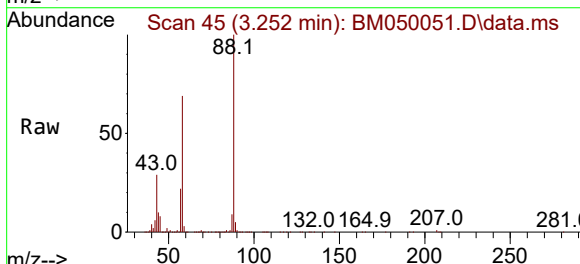
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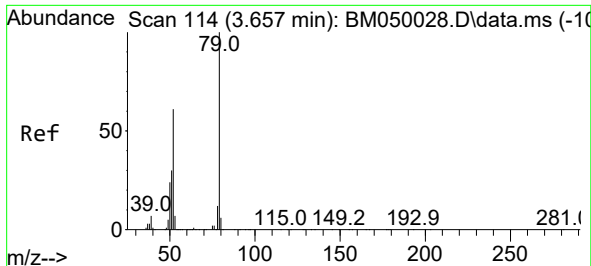
Tgt Ion:152 Resp: 268621
Ion Ratio Lower Upper
152 100
150 153.5 124.1 186.1
115 52.1 41.2 61.8



#2
1,4-Dioxane
Concen: 33.603 ng
RT: 3.252 min Scan# 45
Delta R.T. -0.000 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion: 88 Resp: 221021
Ion Ratio Lower Upper
88 100
58 69.9 55.1 82.7
43 27.4 20.9 31.3

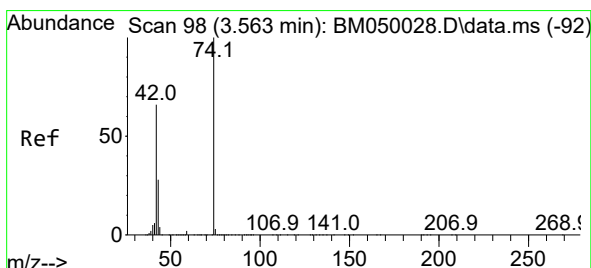
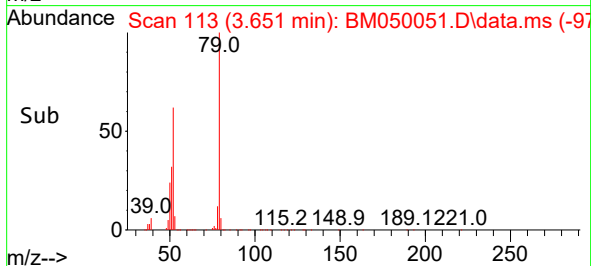
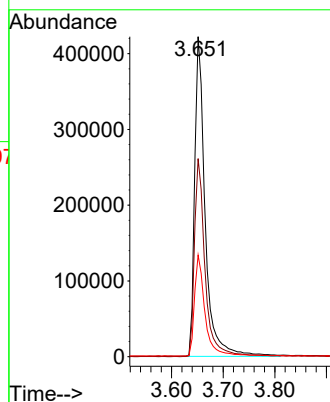
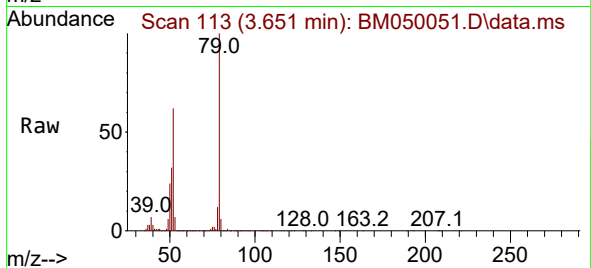




#3
Pyridine
Concen: 35.417 ng
RT: 3.651 min Scan# 114
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

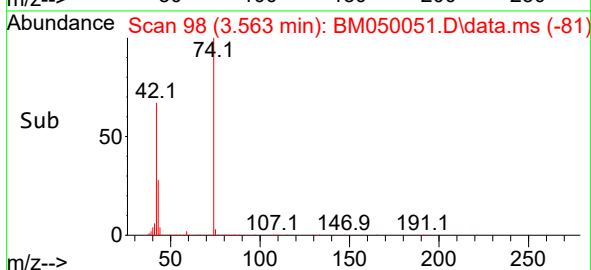
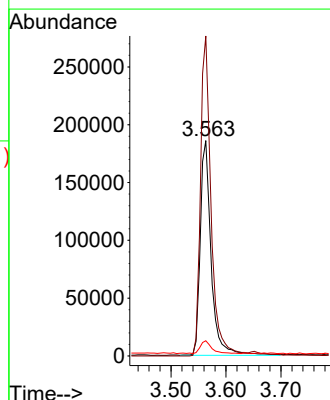
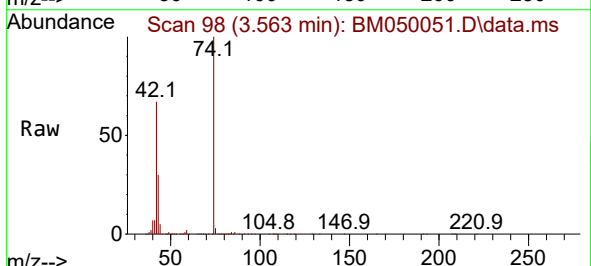
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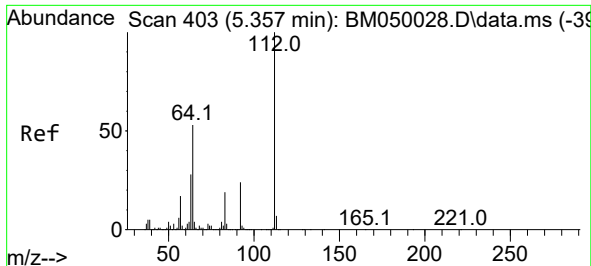
Tgt Ion: 79 Resp: 598540
Ion Ratio Lower Upper
79 100
52 61.9 48.6 72.8
51 31.8 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 38.669 ng
RT: 3.563 min Scan# 98
Delta R.T. -0.000 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion: 42 Resp: 256302
Ion Ratio Lower Upper
42 100
74 148.6 120.2 180.2
44 7.0 6.2 9.2

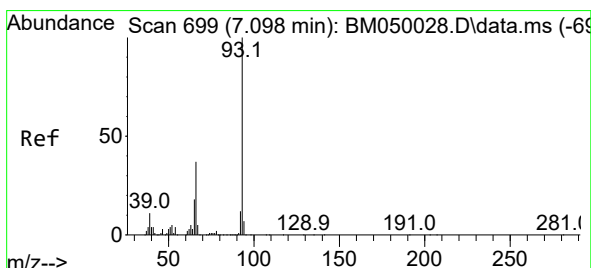
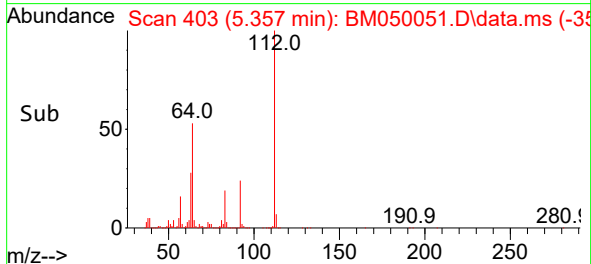
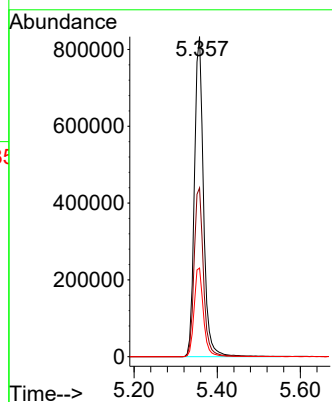
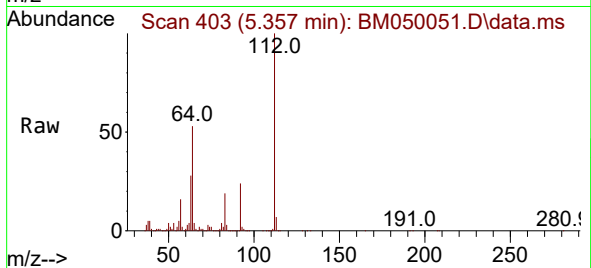




#5
2-Fluorophenol
Concen: 82.550 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050051.D
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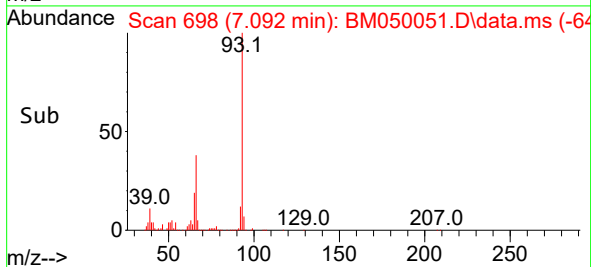
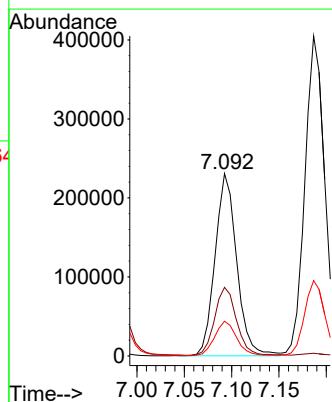
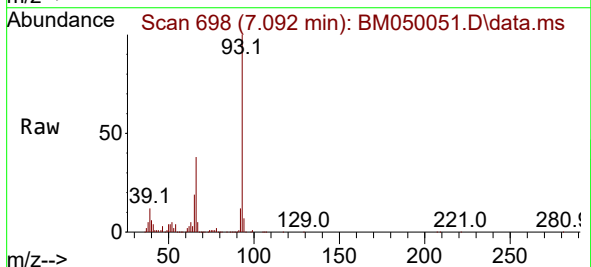
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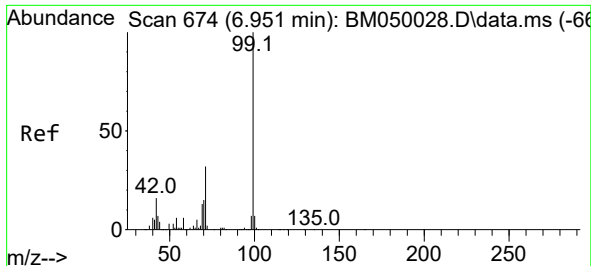
Tgt Ion:112 Resp: 1266343
Ion Ratio Lower Upper
112 100
64 52.7 42.6 64.0
63 27.7 22.2 33.4



#6
Aniline
Concen: 15.088 ng
RT: 7.092 min Scan# 698
Delta R.T. -0.006 min
Lab File: BM050051.D
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Tgt Ion: 93 Resp: 367350
Ion Ratio Lower Upper
93 100
66 37.6 29.9 44.9
65 19.1 14.5 21.7

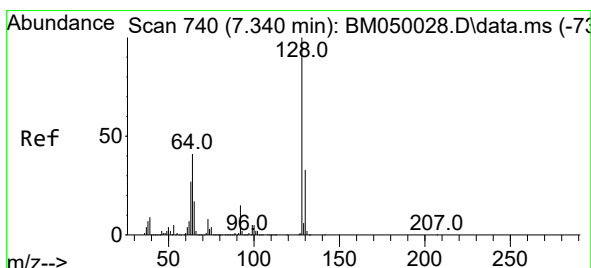
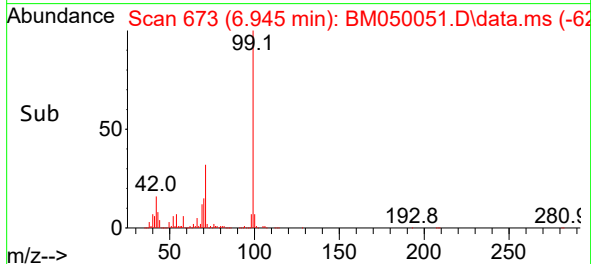
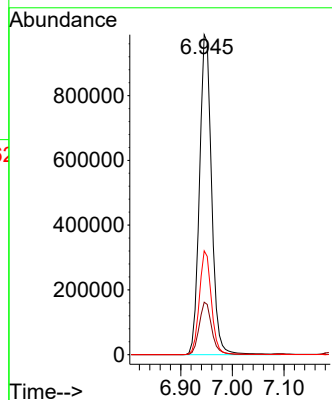
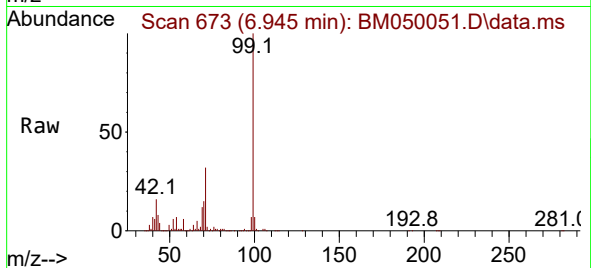




#7
Phenol-d6
Concen: 83.412 ng
RT: 6.945 min Scan# 61
Delta R.T. -0.006 min
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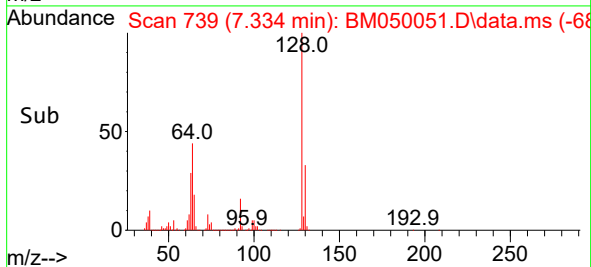
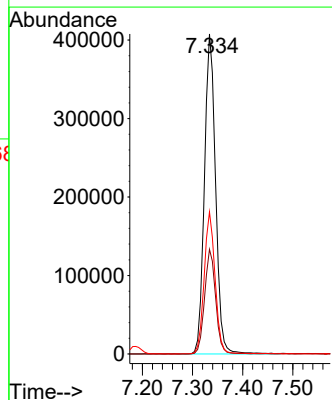
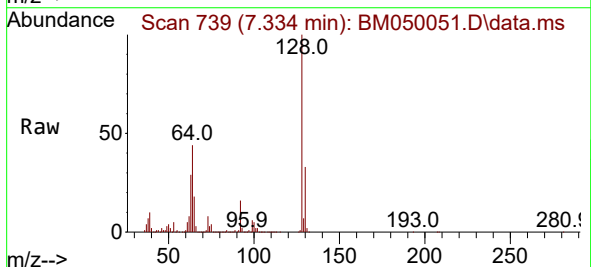
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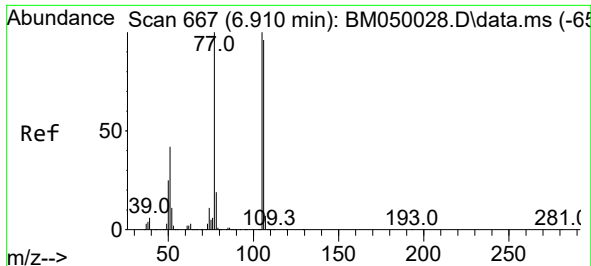
Tgt Ion: 99 Resp: 1608250
Ion Ratio Lower Upper
99 100
42 16.4 13.0 19.4
71 32.5 25.6 38.4



#8
2-Chlorophenol
Concen: 38.140 ng
RT: 7.334 min Scan# 739
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion:128 Resp: 632596
Ion Ratio Lower Upper
128 100
130 32.7 12.8 52.8
64 44.4 21.2 61.2

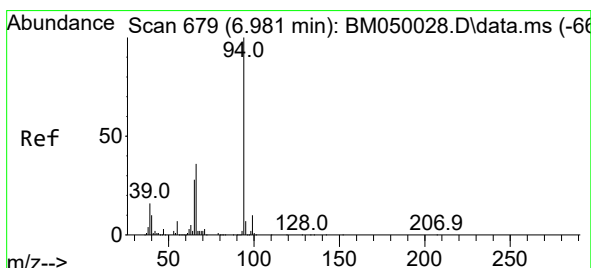
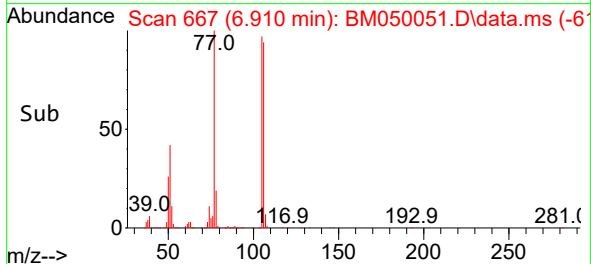
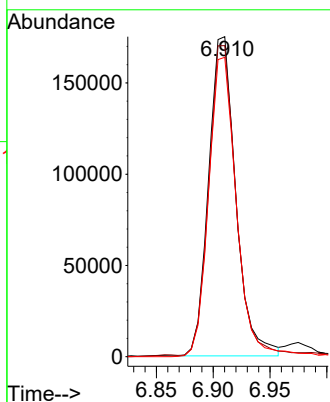
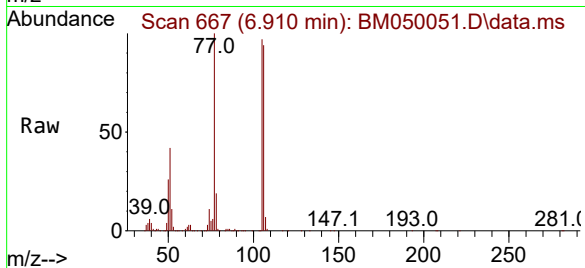




#9
Benzaldehyde
Concen: 22.561 ng
RT: 6.910 min Scan# 667
Delta R.T. -0.000 min
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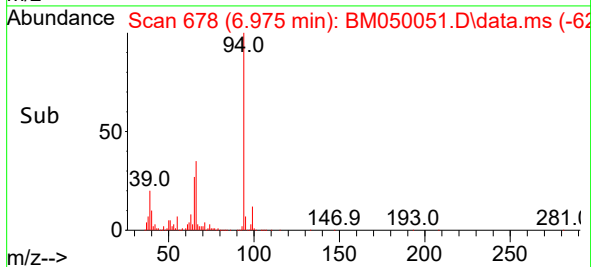
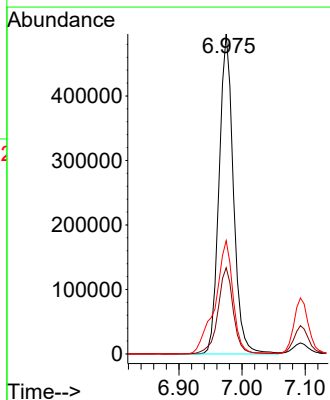
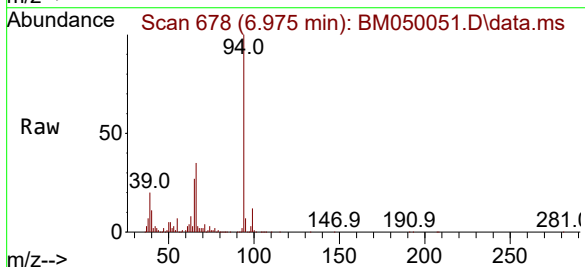
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD

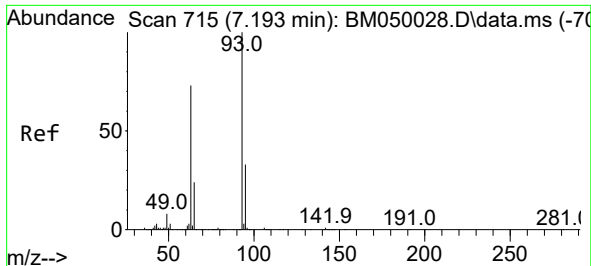
Tgt Ion: 77 Resp: 291097
Ion Ratio Lower Upper
77 100
105 97.2 80.5 120.5
106 93.5 76.1 116.1



#10
Phenol
Concen: 40.036 ng
RT: 6.975 min Scan# 678
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion: 94 Resp: 781463
Ion Ratio Lower Upper
94 100
65 27.0 7.6 47.6
66 35.4 15.8 55.8

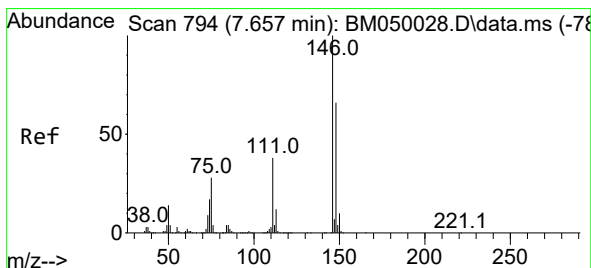
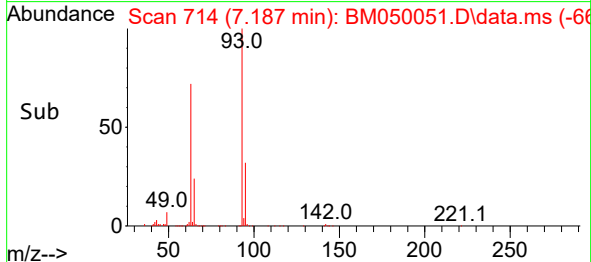
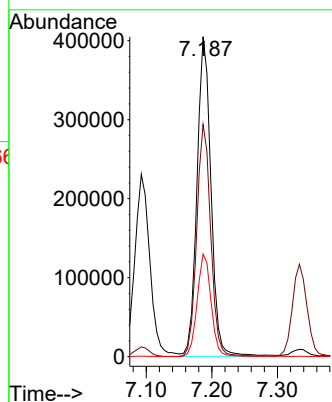
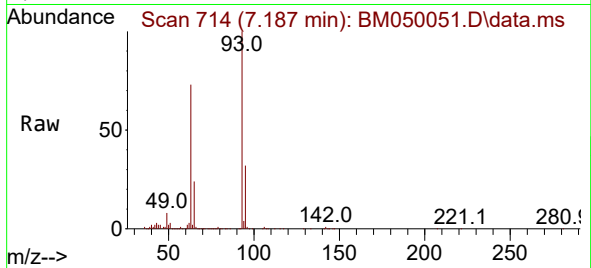




#11
bis(2-Chloroethyl)ether
Concen: 36.892 ng
RT: 7.187 min Scan# 714
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

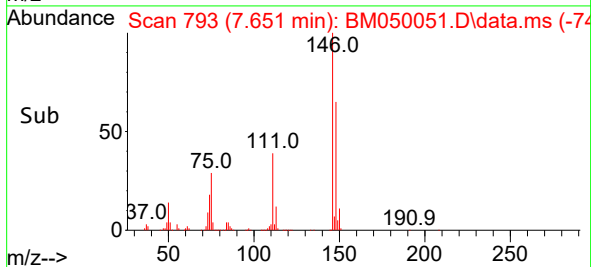
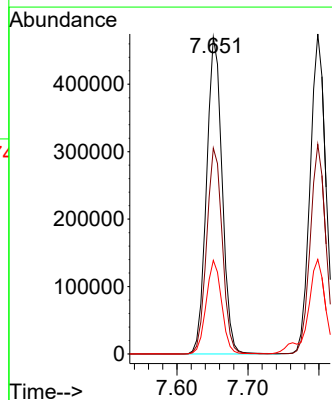
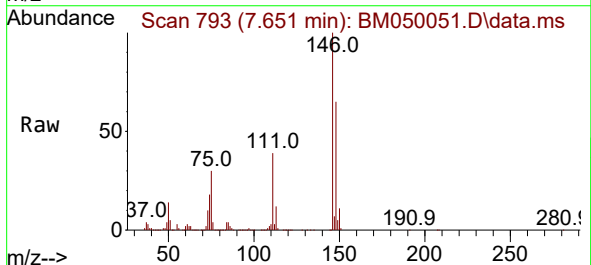
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD

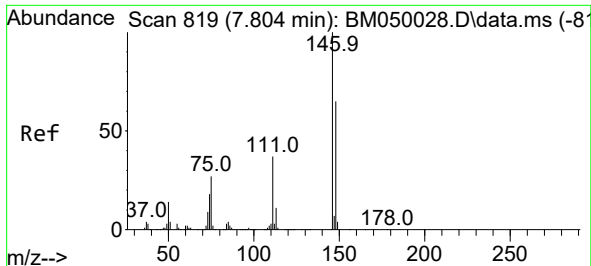
Tgt Ion: 93 Resp: 601292
Ion Ratio Lower Upper
93 100
63 72.5 52.3 92.3
95 32.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 35.830 ng
RT: 7.651 min Scan# 793
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion:146 Resp: 717886
Ion Ratio Lower Upper
146 100
148 65.0 52.5 78.7
75 29.6 22.6 34.0

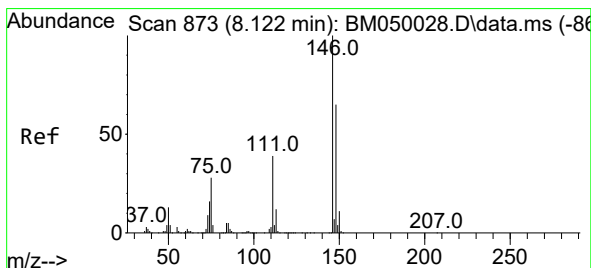
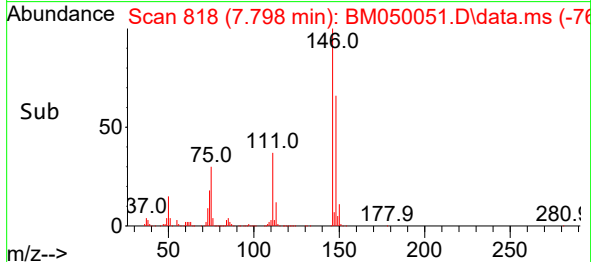
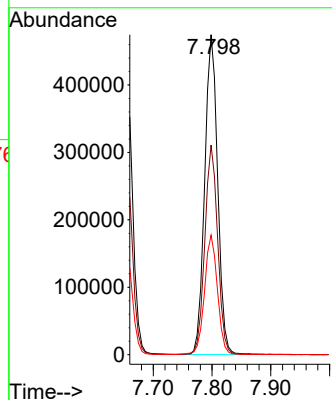
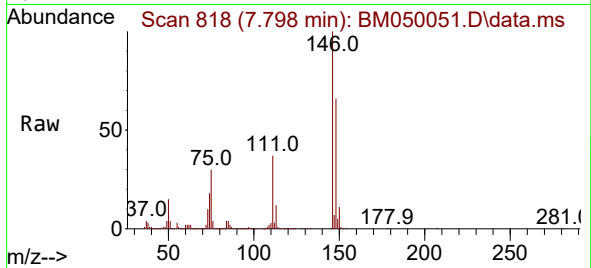




#13
1,4-Dichlorobenzene
Concen: 36.229 ng
RT: 7.798 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

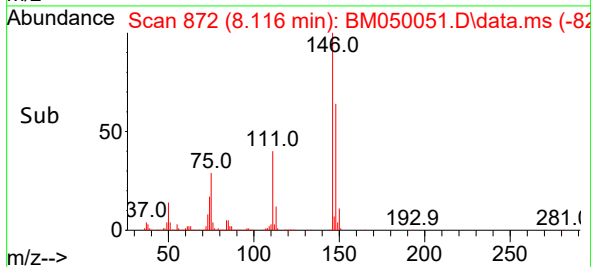
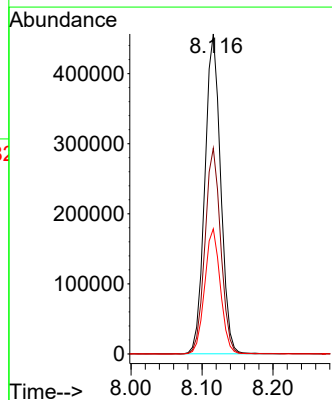
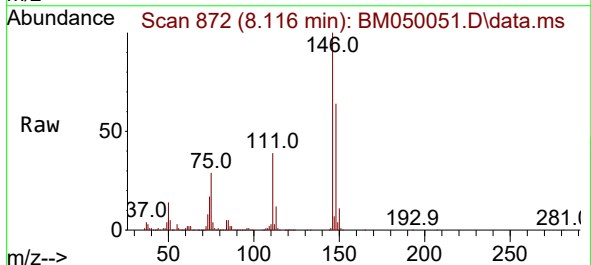
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD

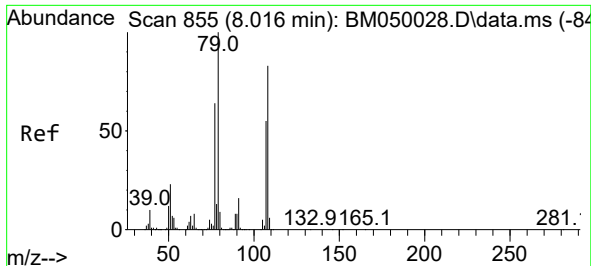
Tgt Ion:146 Resp: 729230
Ion Ratio Lower Upper
146 100
148 65.5 52.2 78.2
111 37.4 29.3 43.9



#14
1,2-Dichlorobenzene
Concen: 36.295 ng
RT: 8.116 min Scan# 872
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion:146 Resp: 705691
Ion Ratio Lower Upper
146 100
148 64.3 52.4 78.6
111 39.1 31.0 46.6

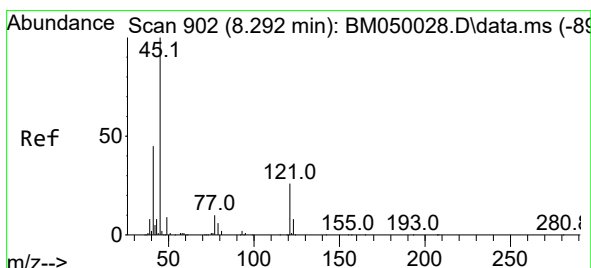
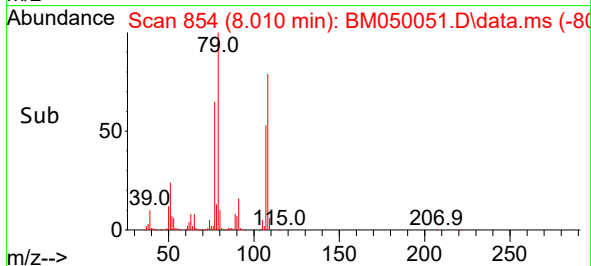
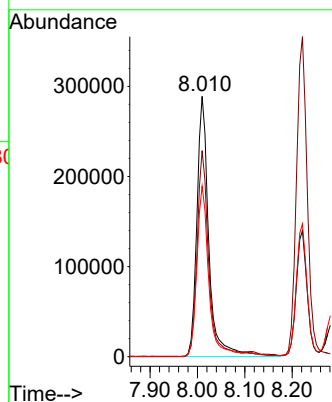
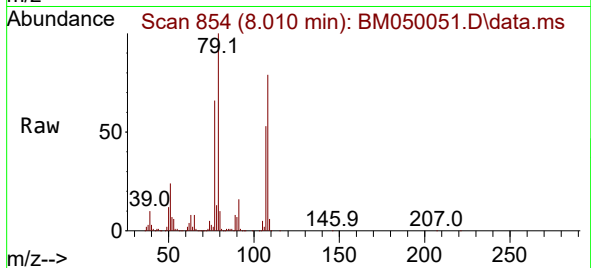




#15
Benzyl Alcohol
Concen: 37.977 ng
RT: 8.010 min Scan# 855
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

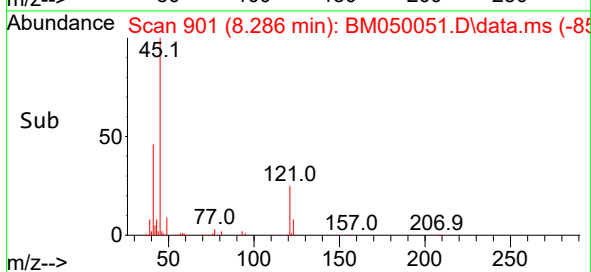
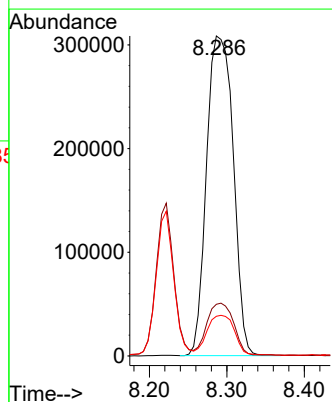
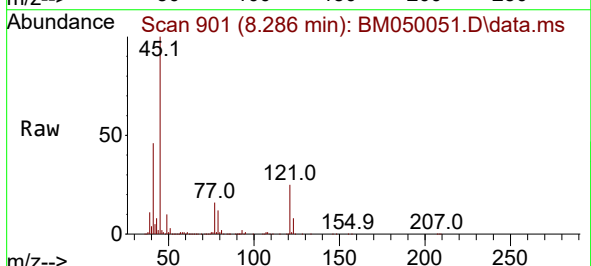
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD

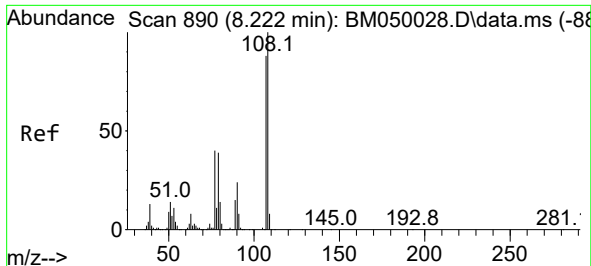
Tgt Ion: 79 Resp: 507793
Ion Ratio Lower Upper
79 100
108 79.2 66.0 99.0
77 65.5 51.6 77.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.217 ng
RT: 8.286 min Scan# 901
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion: 45 Resp: 737337
Ion Ratio Lower Upper
45 100
77 16.1 0.0 36.4
79 12.4 0.0 32.7

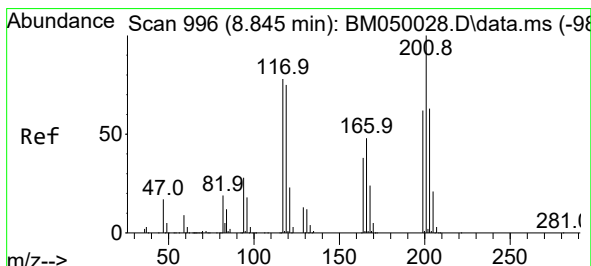
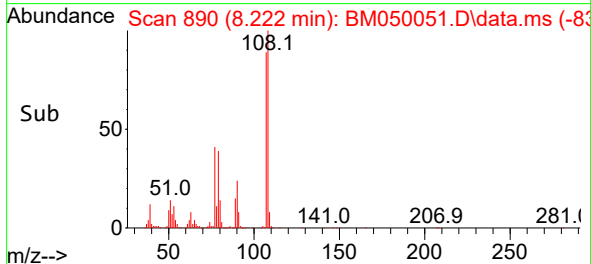
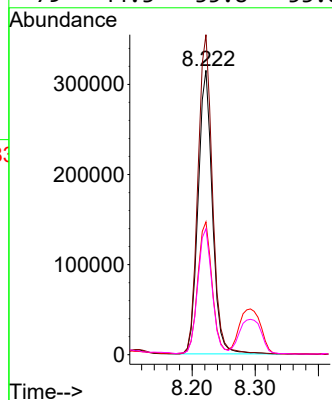
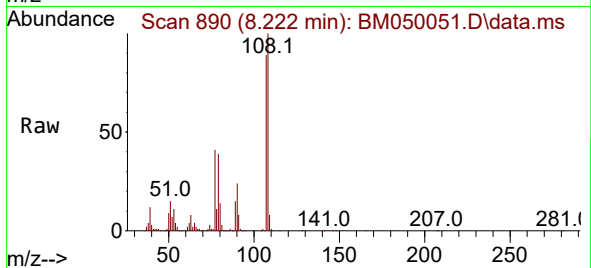




#17
2-Methylphenol
Concen: 38.320 ng
RT: 8.222 min Scan# 890
Delta R.T. -0.000 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

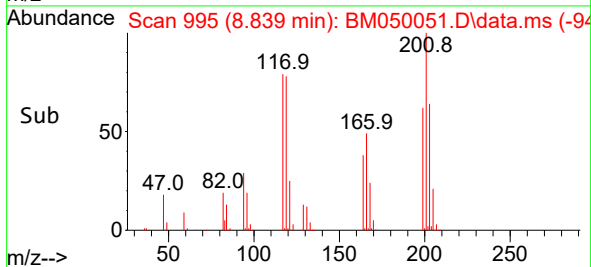
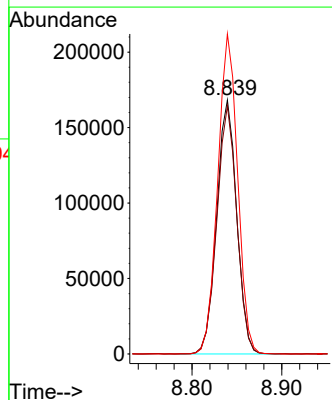
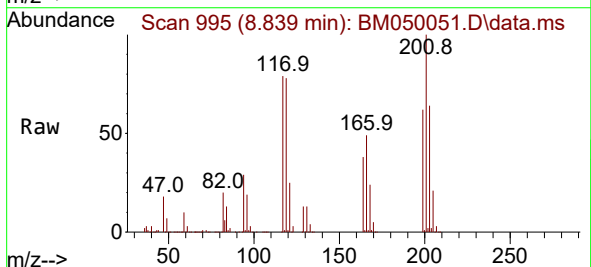
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD

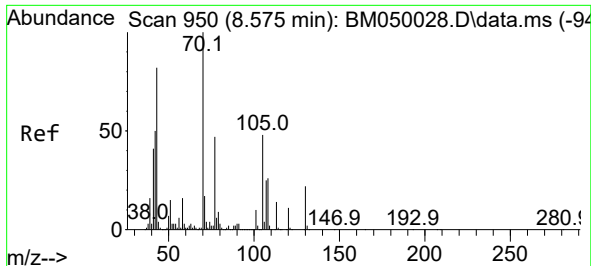
Tgt Ion:107 Resp: 492742
Ion Ratio Lower Upper
107 100
108 112.6 91.1 136.7
77 46.7 36.2 54.4
79 44.3 35.8 53.8



#18
Hexachloroethane
Concen: 36.451 ng
RT: 8.839 min Scan# 995
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion:117 Resp: 260815
Ion Ratio Lower Upper
117 100
119 97.7 77.3 115.9
201 126.0 102.8 154.2





#19

n-Nitroso-di-n-propylamine

Concen: 36.662 ng

RT: 8.569 min Scan# 949

Delta R.T. -0.006 min

Lab File: BM050051.D

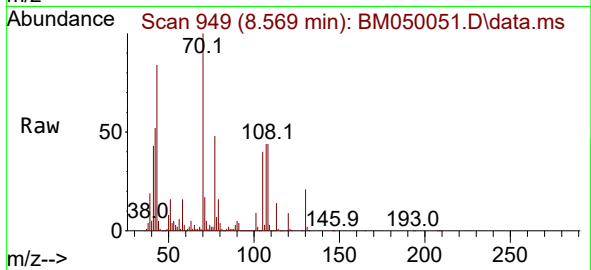
Acq: 30 Apr 2025 18:41

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD



Tgt Ion: 70 Resp: 453356

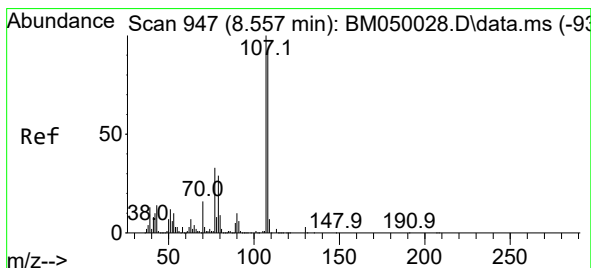
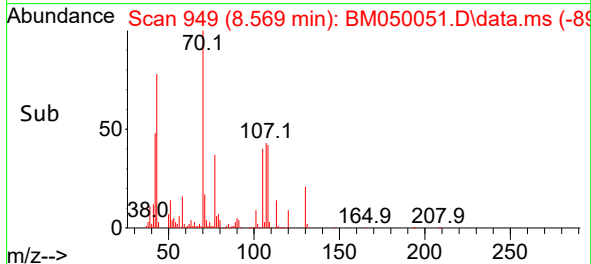
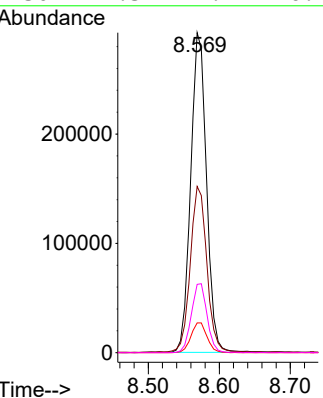
Ion Ratio Lower Upper

70 100

42 52.0 40.5 60.7

101 9.3 7.8 11.6

130 21.3 17.4 26.2



#20

3+4-Methylphenols

Concen: 38.017 ng

RT: 8.551 min Scan# 946

Delta R.T. -0.006 min

Lab File: BM050051.D

Acq: 30 Apr 2025 18:41

Tgt Ion: 107 Resp: 660161

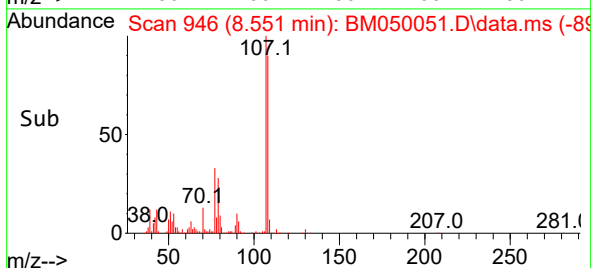
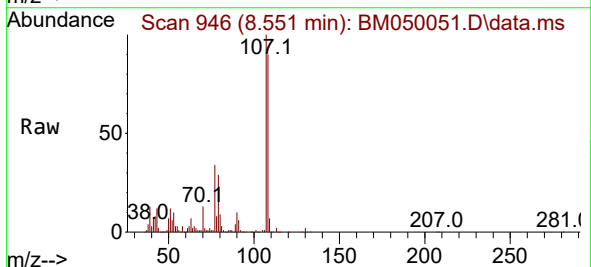
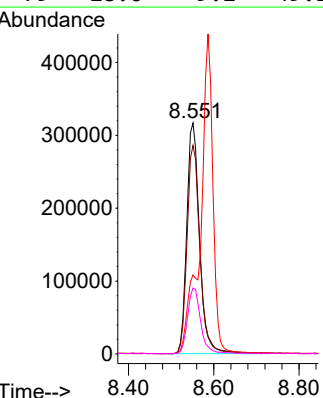
Ion Ratio Lower Upper

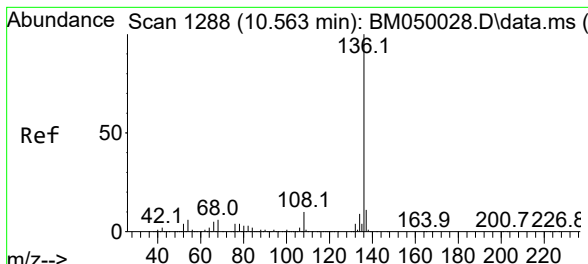
107 100

108 90.3 72.4 112.4

77 34.2 13.6 53.6

79 28.6 9.2 49.2



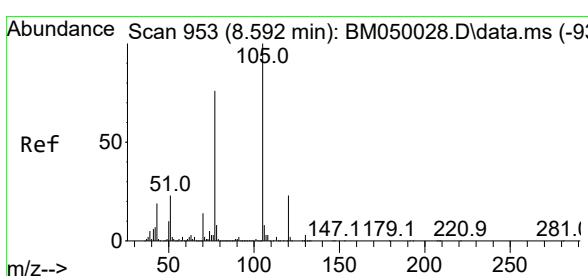
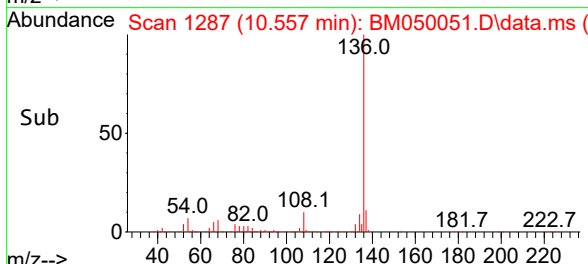
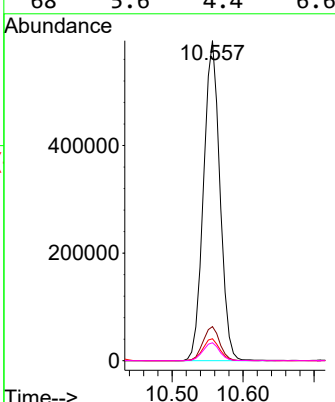
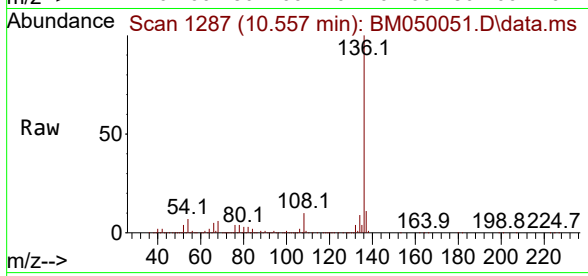


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Instrument :
BNA_M
ClientSampleId :
COMP-2MSD

Tgt Ion:136 Resp: 952202

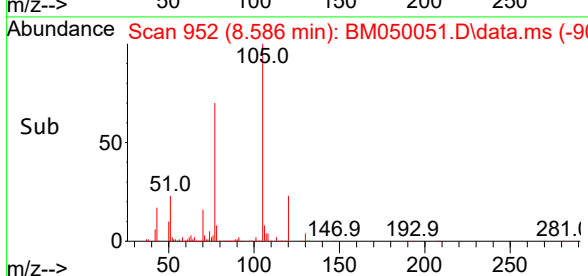
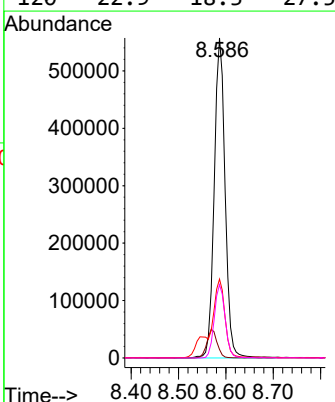
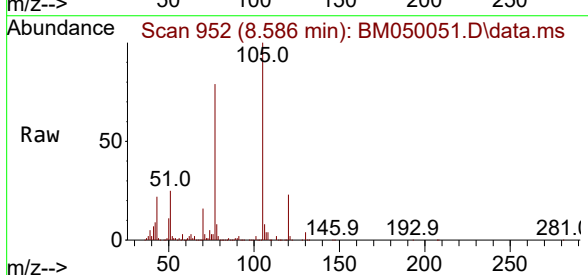
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.9	5.1	7.7
68	5.6	4.4	6.6

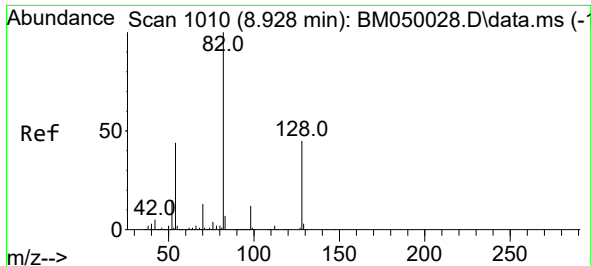


#22
Acetophenone
Concen: 37.641 ng
RT: 8.586 min Scan# 952
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion:105 Resp: 891086

Ion	Ratio	Lower	Upper
105	100		
71	2.7	1.7	2.5
51	24.7	18.6	27.8
120	22.9	18.3	27.5

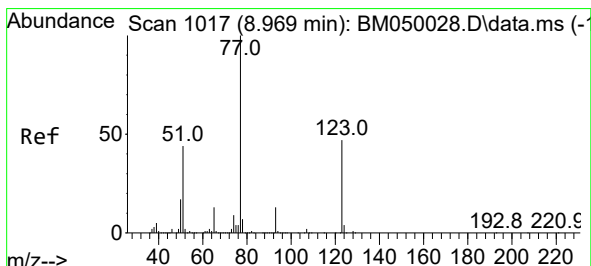
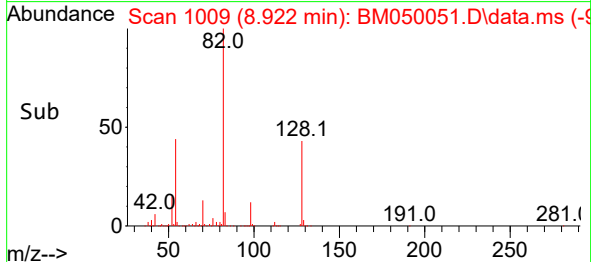
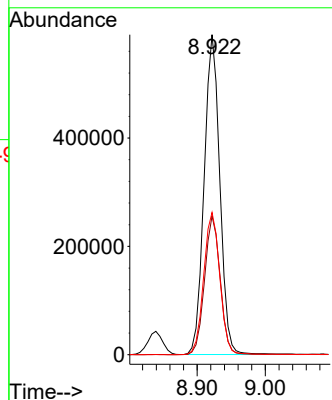
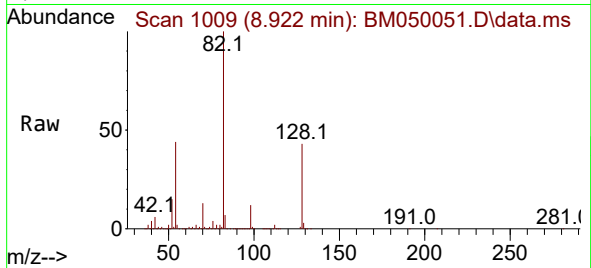




#23
Nitrobenzene-d5
Concen: 48.917 ng
RT: 8.922 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

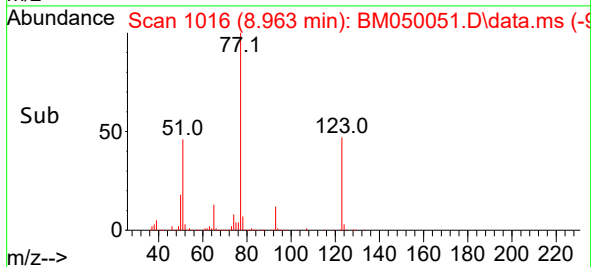
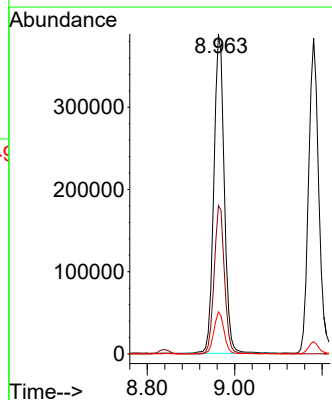
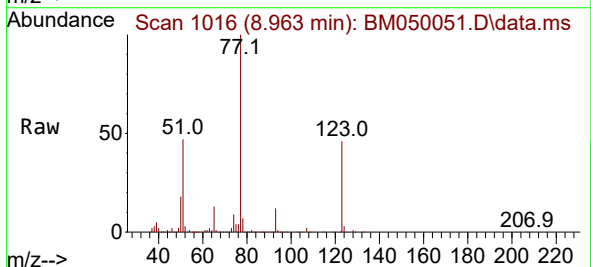
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD

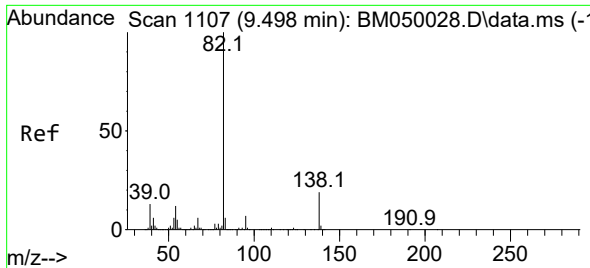
Tgt Ion: 82 Resp: 945248
Ion Ratio Lower Upper
82 100
128 43.3 35.7 53.5
54 44.5 35.4 53.2



#24
Nitrobenzene
Concen: 38.577 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion: 77 Resp: 644561
Ion Ratio Lower Upper
77 100
123 46.4 37.9 56.9
65 13.1 10.1 15.1

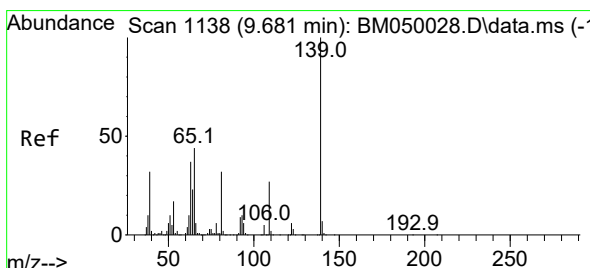
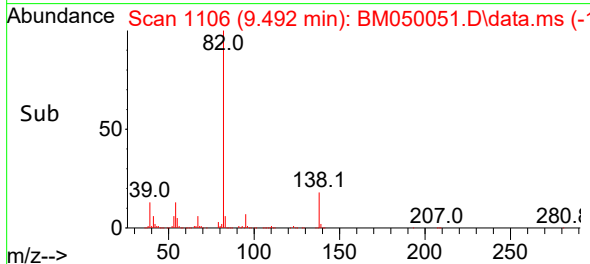
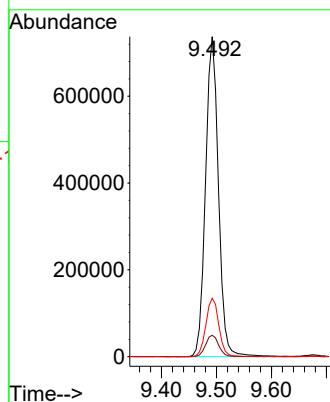
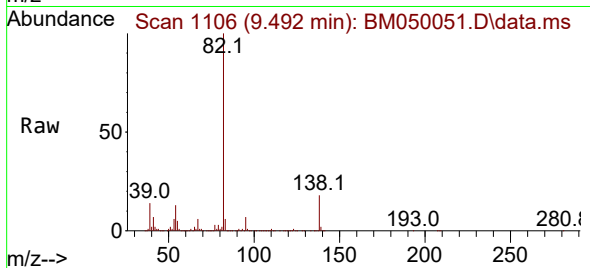




#25
Isophorone
Concen: 36.466 ng
RT: 9.492 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

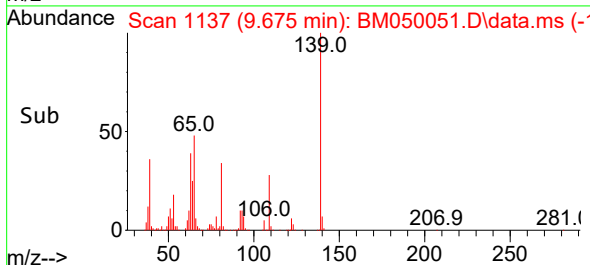
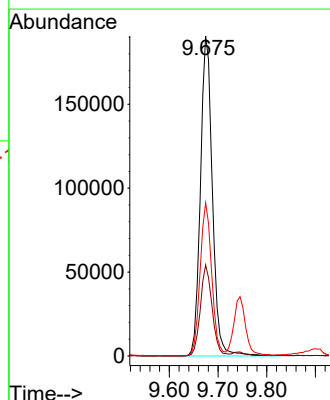
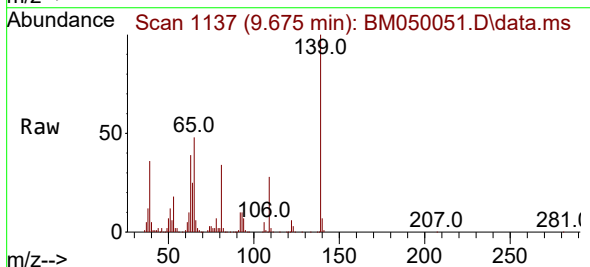
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD

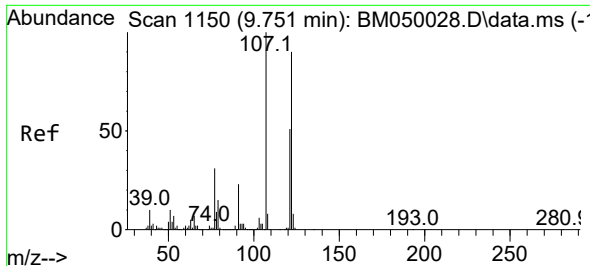
Tgt Ion: 82 Resp: 1201170
Ion Ratio Lower Upper
82 100
95 6.7 5.7 8.5
138 18.3 15.5 23.3



#26
2-Nitrophenol
Concen: 38.199 ng
RT: 9.675 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion: 139 Resp: 326061
Ion Ratio Lower Upper
139 100
109 28.5 21.9 32.9
65 47.9 35.4 53.2





#27

2,4-Dimethylphenol

Concen: 38.880 ng

RT: 9.745 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BM050051.D

Acq: 30 Apr 2025 18:41

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD

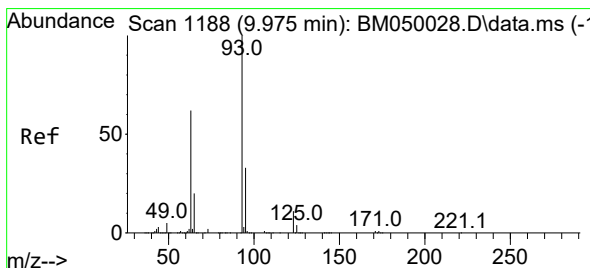
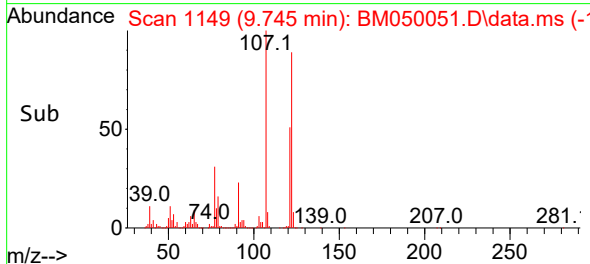
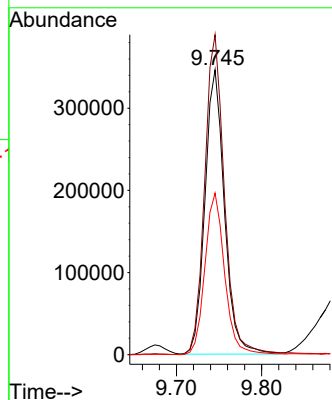
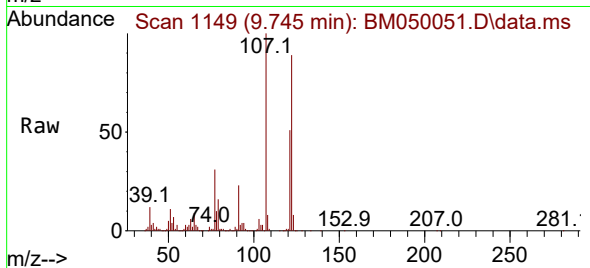
Tgt Ion:122 Resp: 550372

Ion Ratio Lower Upper

122 100

107 112.3 89.0 133.6

121 56.7 45.6 68.4



#28

bis(2-Chloroethoxy)methane

Concen: 37.653 ng

RT: 9.969 min Scan# 1187

Delta R.T. -0.006 min

Lab File: BM050051.D

Acq: 30 Apr 2025 18:41

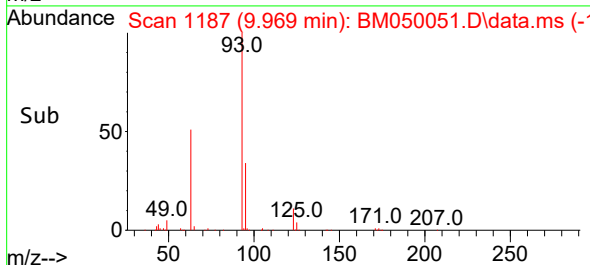
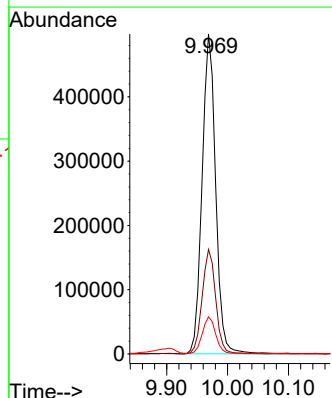
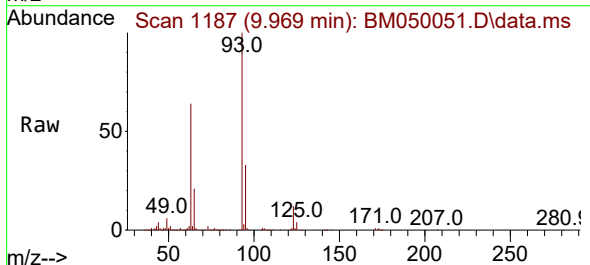
Tgt Ion: 93 Resp: 766584

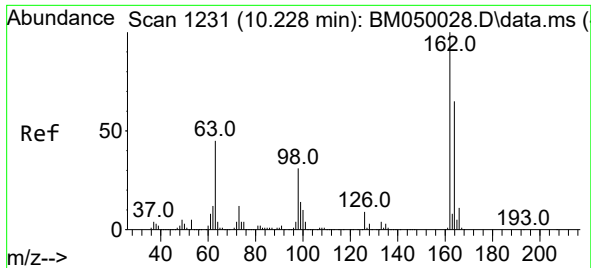
Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

123 11.6 9.5 14.3

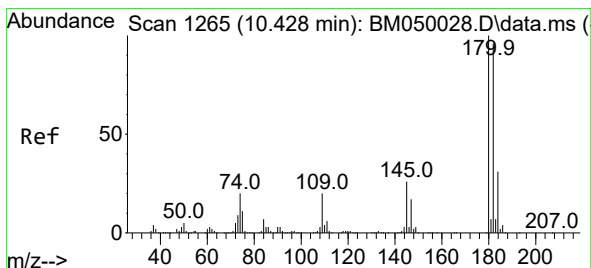
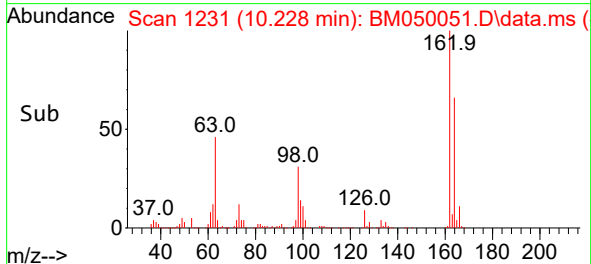
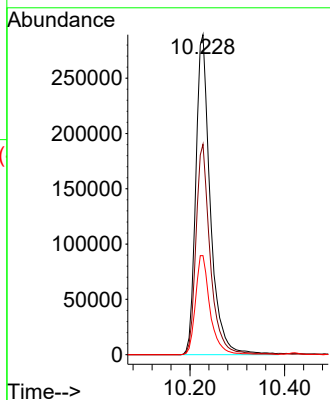
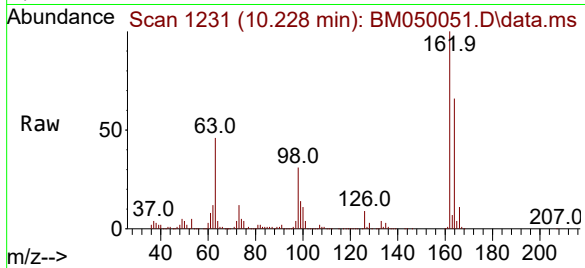




#29
2,4-Dichlorophenol
Concen: 38.877 ng
RT: 10.228 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

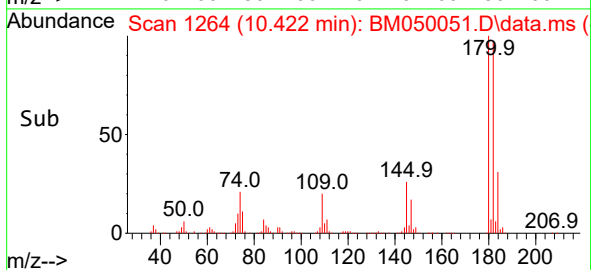
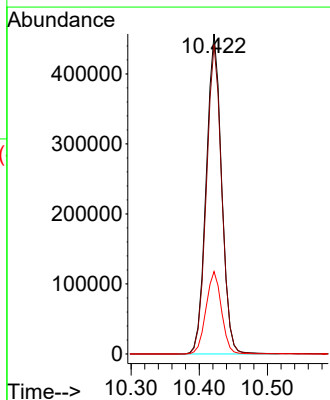
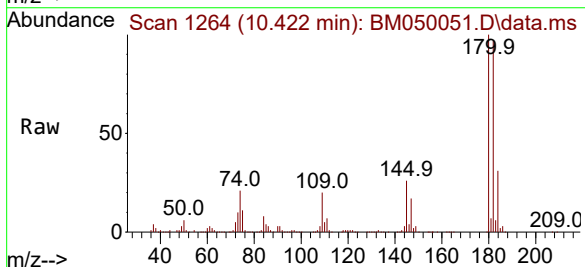
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD

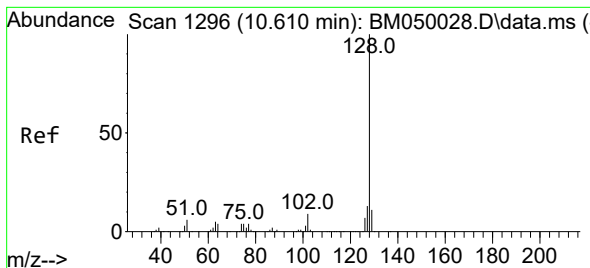
Tgt Ion:162 Resp: 616533
Ion Ratio Lower Upper
162 100
164 65.7 45.4 85.4
98 31.0 11.3 51.3



#30
1,2,4-Trichlorobenzene
Concen: 37.121 ng
RT: 10.422 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion:180 Resp: 717222
Ion Ratio Lower Upper
180 100
182 96.7 77.0 115.4
145 25.8 20.6 30.8

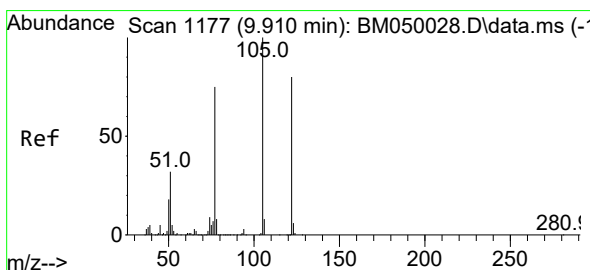
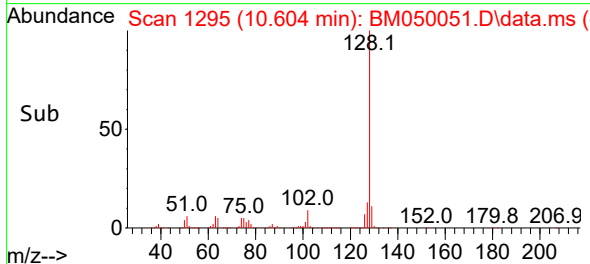
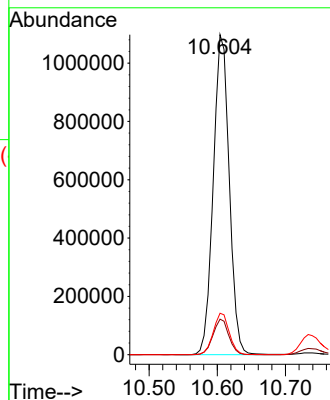
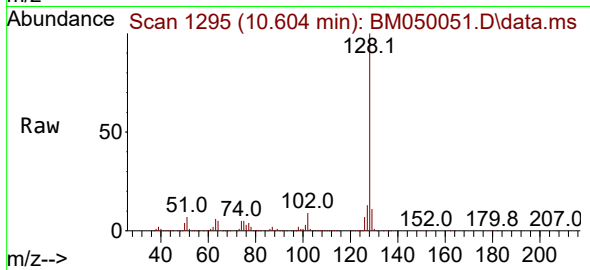




#31
Naphthalene
Concen: 37.179 ng
RT: 10.604 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

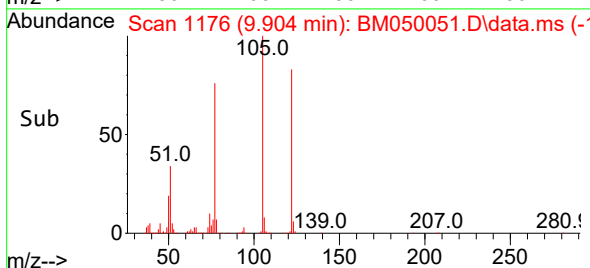
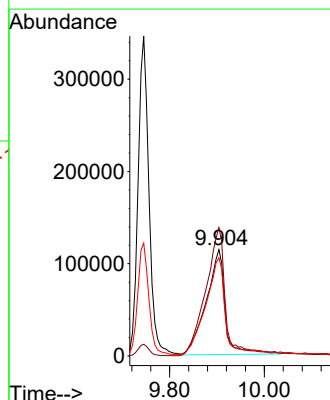
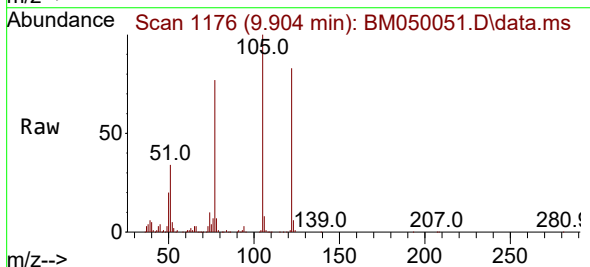
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD

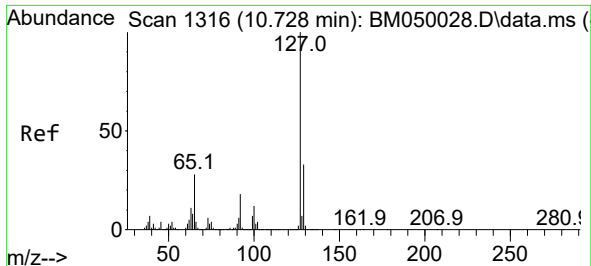
Tgt Ion:128 Resp: 1792852
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 34.922 ng
RT: 9.904 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion:122 Resp: 316166
Ion Ratio Lower Upper
122 100
105 120.9 103.6 143.6
77 92.5 73.7 113.7

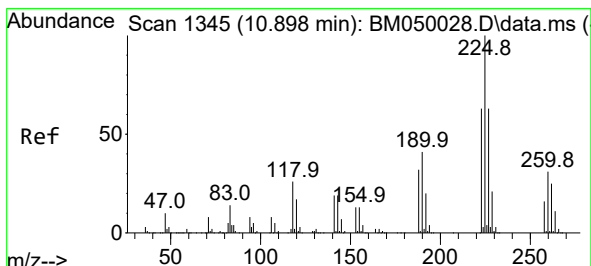
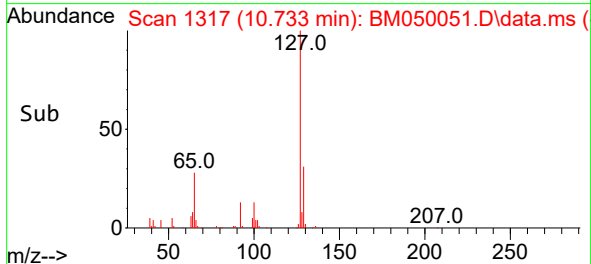
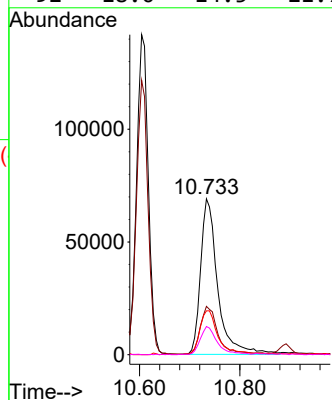
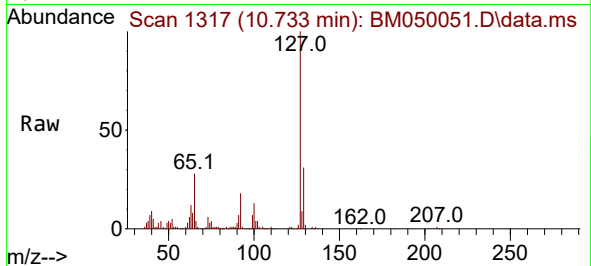




#33
4-Chloroaniline
Concen: 8.267 ng
RT: 10.733 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

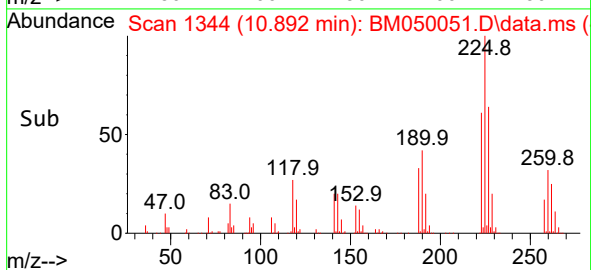
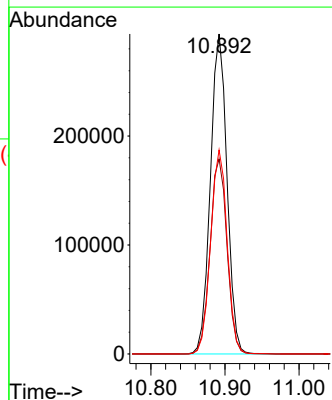
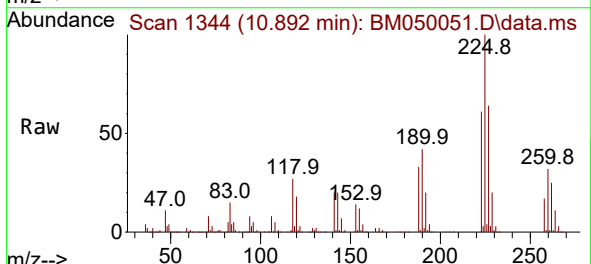
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD

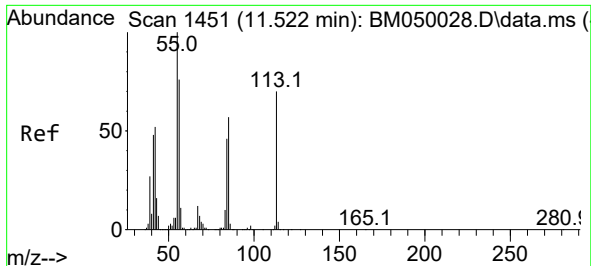
Tgt Ion:	127	Resp:	163398
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.3	39.5
65	28.2	22.5	33.7
92	18.0	14.5	21.7



#34
Hexachlorobutadiene
Concen: 37.252 ng
RT: 10.892 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion:	225	Resp:	456879
Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.2	75.2
227	63.7	50.6	76.0

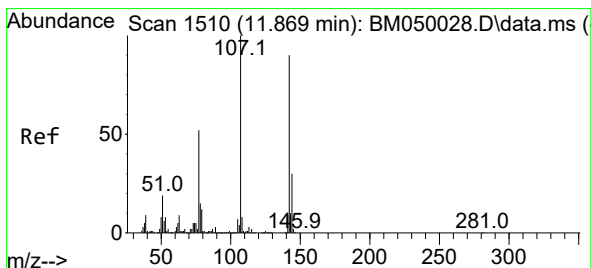
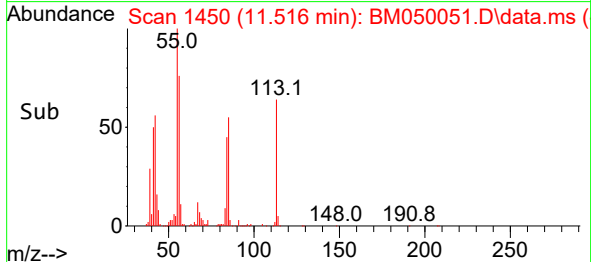
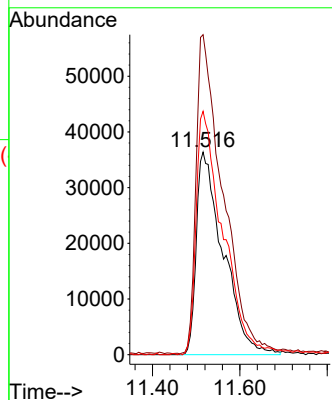
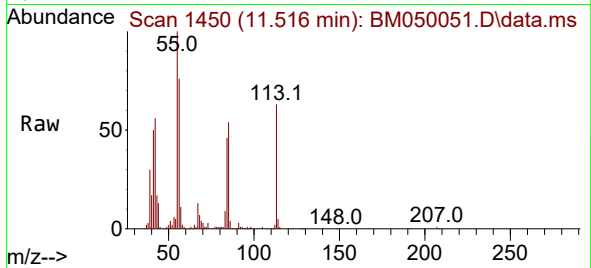




#35
Caprolactam
Concen: 33.403 ng
RT: 11.516 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

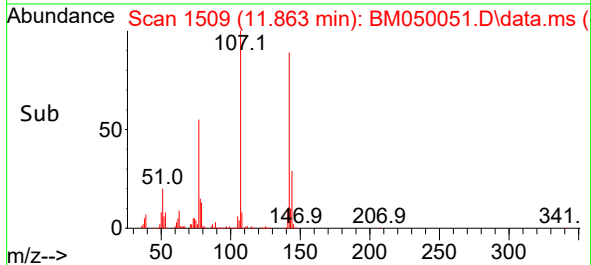
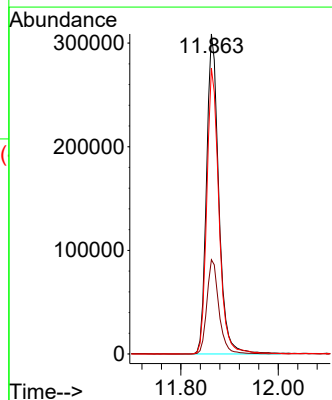
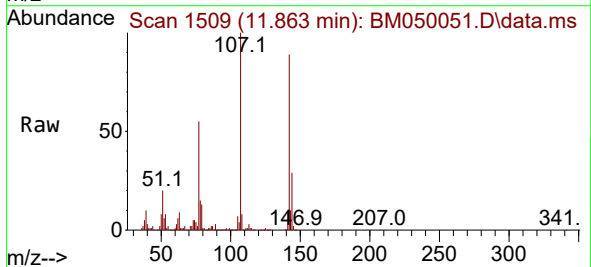
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD

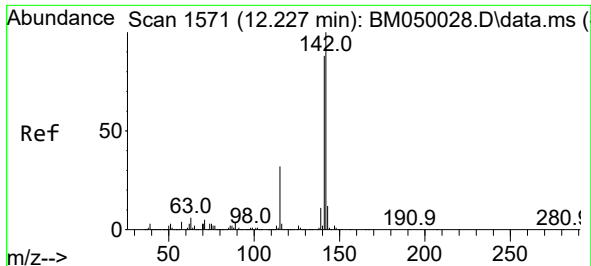
Tgt Ion:113 Resp: 154454
Ion Ratio Lower Upper
113 100
55 158.0 122.9 162.9
56 120.1 88.1 128.1



#36
4-Chloro-3-methylphenol
Concen: 36.655 ng
RT: 11.863 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion:107 Resp: 537050
Ion Ratio Lower Upper
107 100
144 29.5 23.8 35.6
142 89.2 71.9 107.9

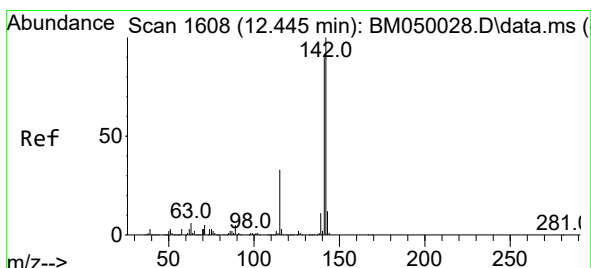
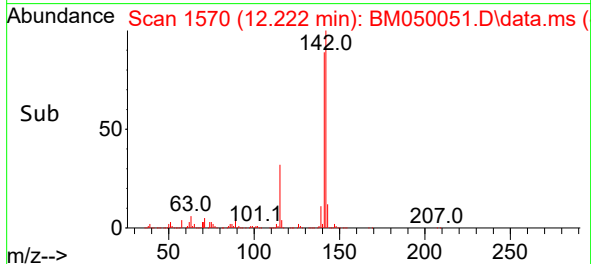
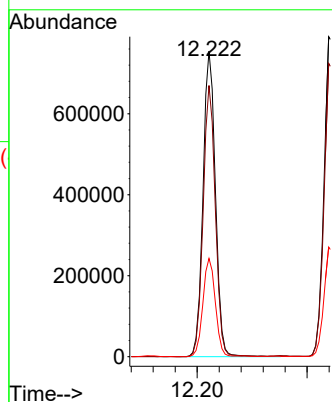
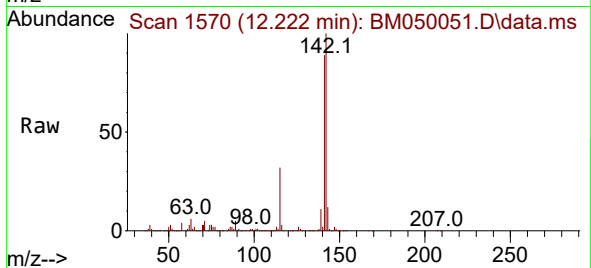




#37
2-Methylnaphthalene
Concen: 36.437 ng
RT: 12.222 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

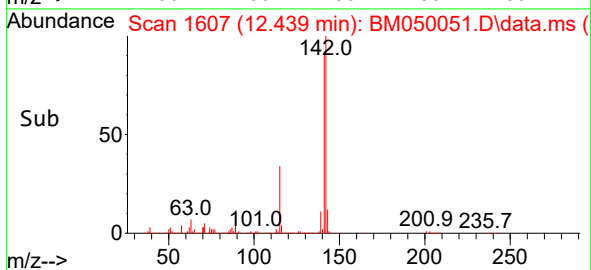
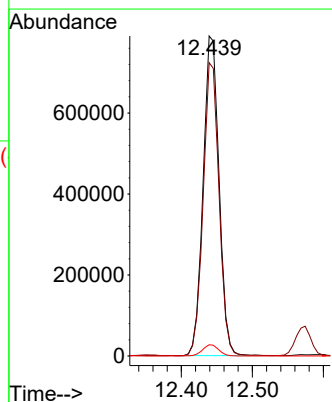
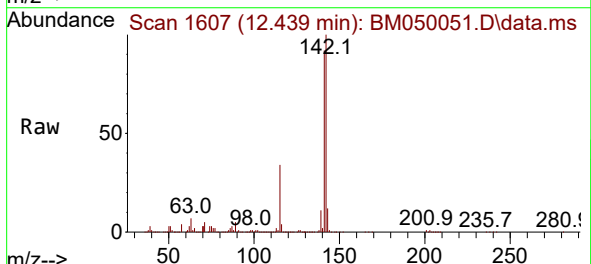
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD

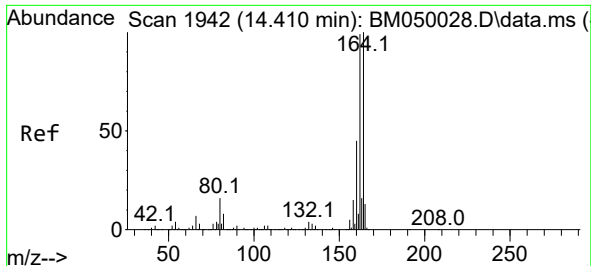
Tgt Ion:142 Resp: 1178033
Ion Ratio Lower Upper
142 100
141 88.8 70.4 105.6
115 32.2 25.4 38.2



#38
1-Methylnaphthalene
Concen: 36.063 ng
RT: 12.439 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion:142 Resp: 1233882
Ion Ratio Lower Upper
142 100
141 91.7 72.1 108.1
116 3.5 2.7 4.1

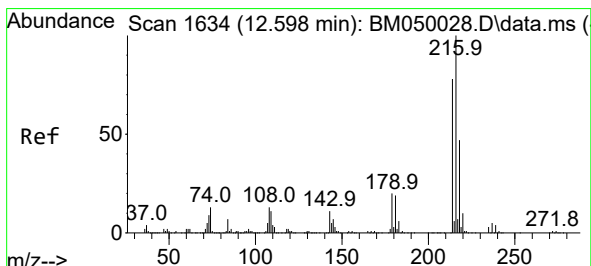
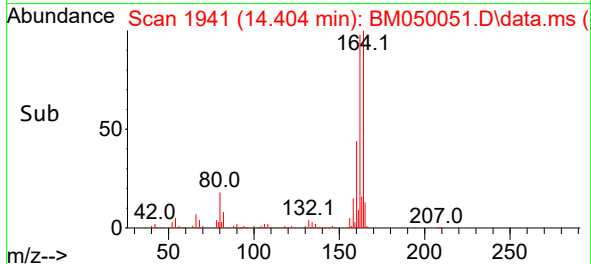
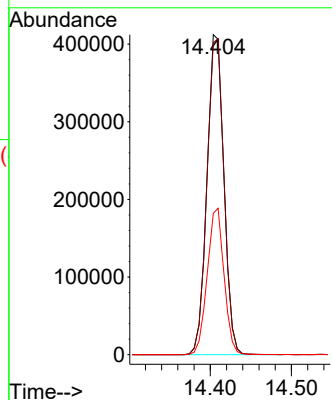
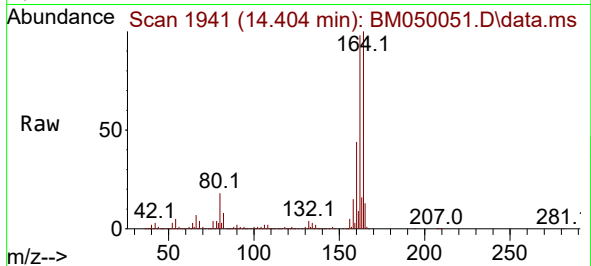




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.404 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

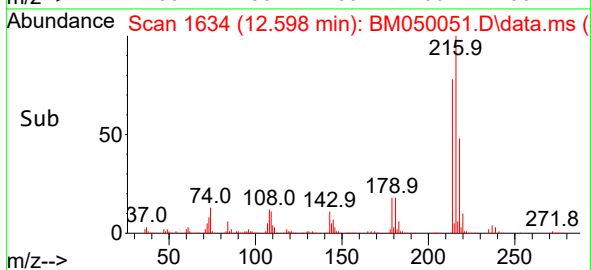
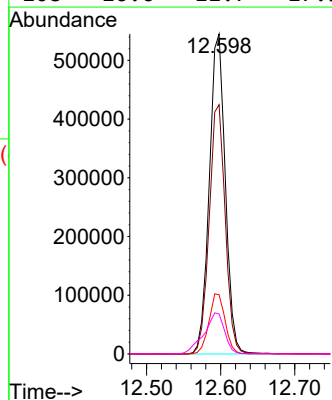
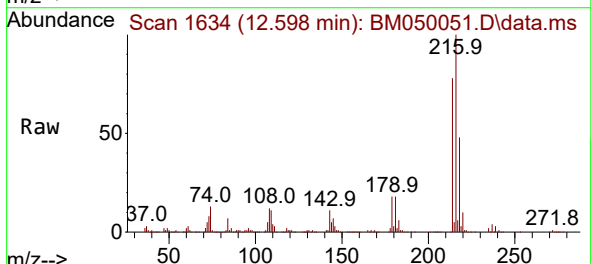
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD

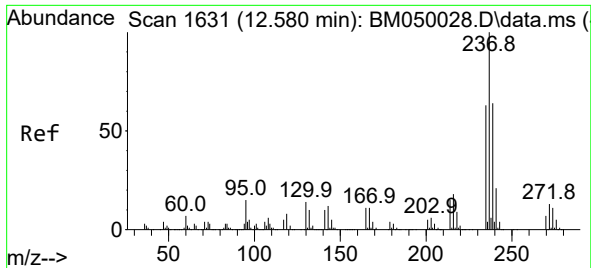
Tgt Ion:164 Resp: 594823
Ion Ratio Lower Upper
164 100
162 97.5 79.4 119.0
160 44.2 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.682 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

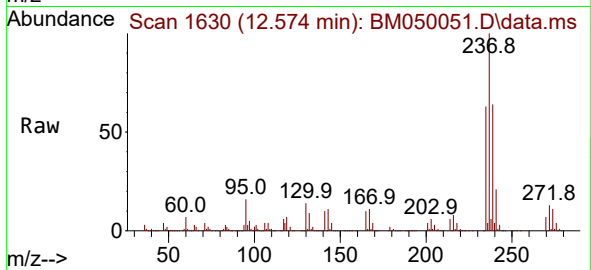
Tgt Ion:216 Resp: 817095
Ion Ratio Lower Upper
216 100
214 78.2 62.3 93.5
179 19.1 15.4 23.0
108 16.6 11.7 17.5



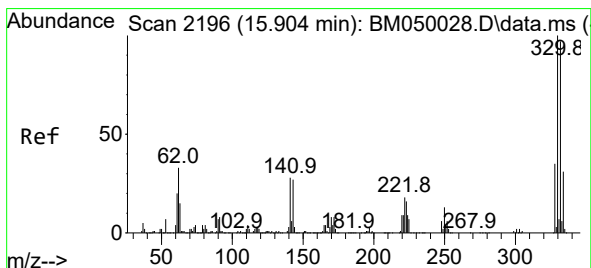
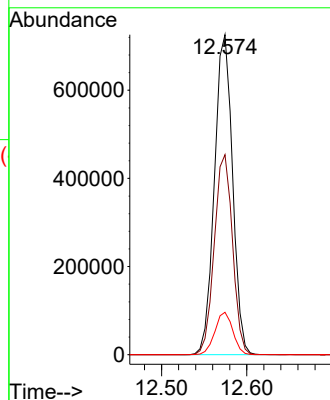
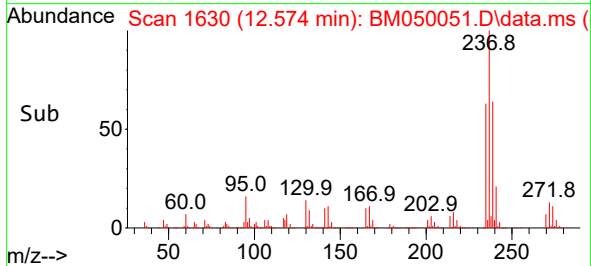


#41
Hexachlorocyclopentadiene
Concen: 85.224 ng
RT: 12.574 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Instrument :
BNA_M
ClientSampleId :
COMP-2MSD

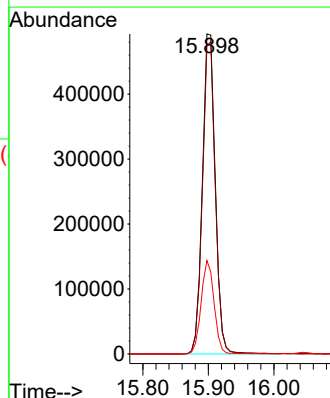
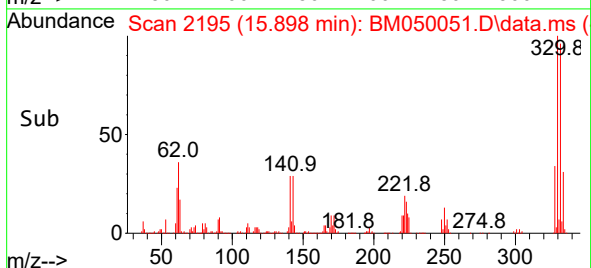
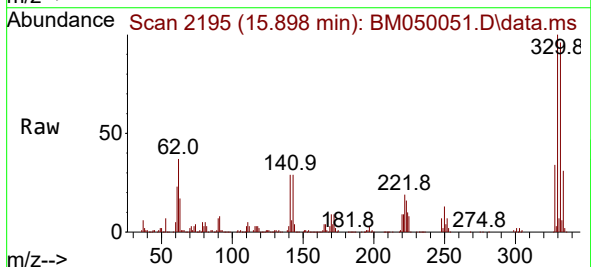


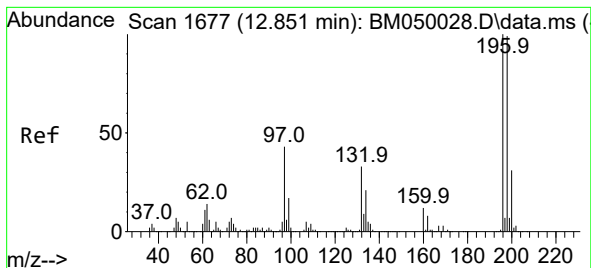
Tgt Ion:237 Resp: 1072435
Ion Ratio Lower Upper
237 100
235 62.5 42.9 82.9
272 13.2 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 76.994 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion:330 Resp: 677184
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 29.3 22.5 33.7





#43

2,4,6-Trichlorophenol

Concen: 39.404 ng

RT: 12.845 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050051.D

Acq: 30 Apr 2025 18:41

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD

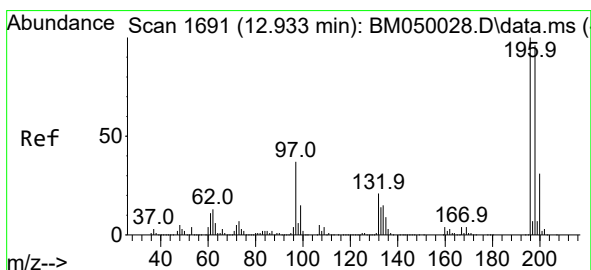
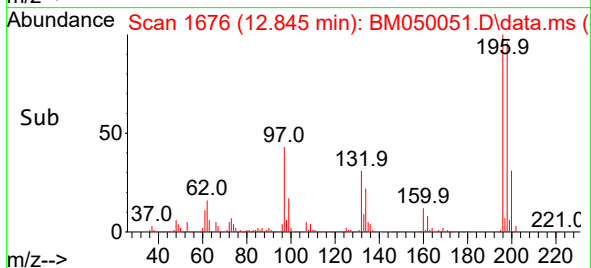
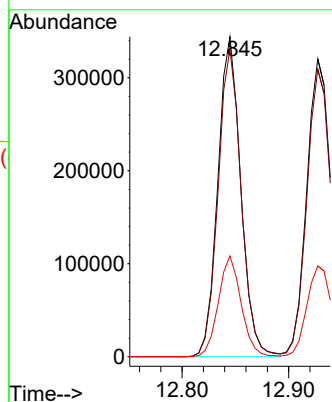
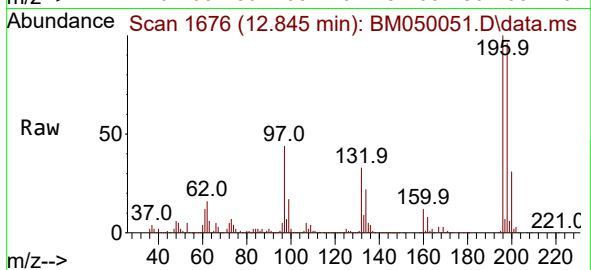
Tgt Ion:196 Resp: 514624

Ion Ratio Lower Upper

196 100

198 96.2 79.0 118.6

200 31.5 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 39.130 ng

RT: 12.927 min Scan# 1690

Delta R.T. -0.006 min

Lab File: BM050051.D

Acq: 30 Apr 2025 18:41

Tgt Ion:196 Resp: 551094

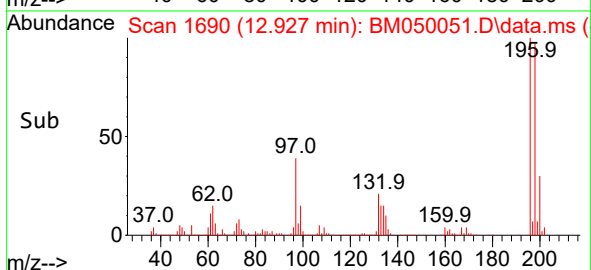
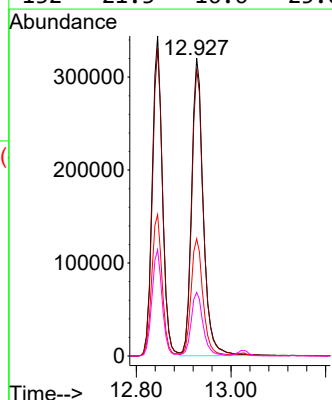
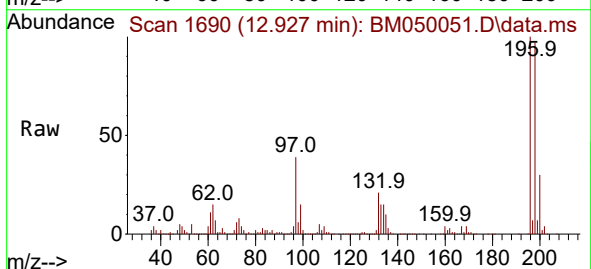
Ion Ratio Lower Upper

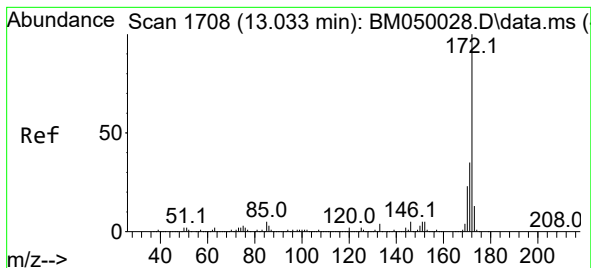
196 100

198 96.5 76.7 115.1

97 39.3 30.1 45.1

132 21.3 16.6 25.0





#45

2-Fluorobiphenyl

Concen: 45.793 ng

RT: 13.027 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050051.D

Acq: 30 Apr 2025 18:41

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD

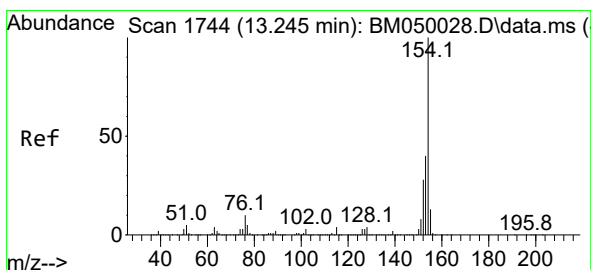
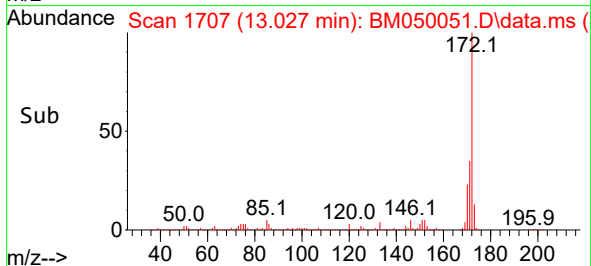
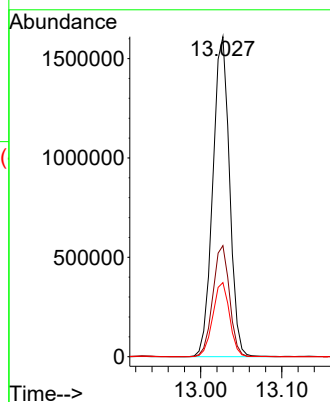
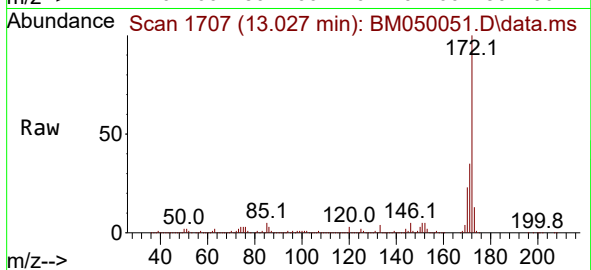
Tgt Ion:172 Resp: 2302564

Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.6

170 23.2 18.6 28.0



#46

1,1'-Biphenyl

Concen: 38.996 ng

RT: 13.239 min Scan# 1743

Delta R.T. -0.006 min

Lab File: BM050051.D

Acq: 30 Apr 2025 18:41

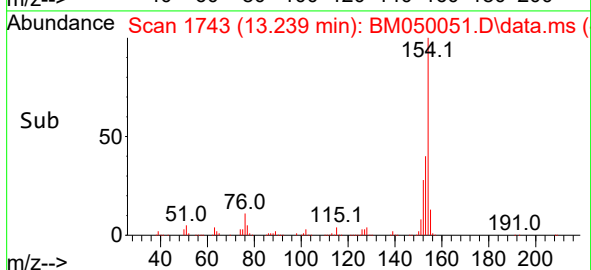
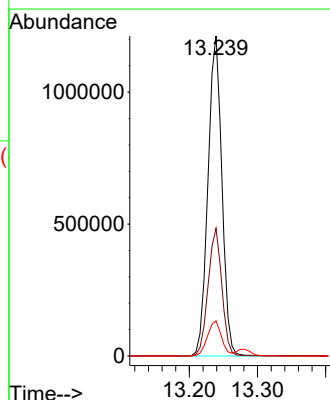
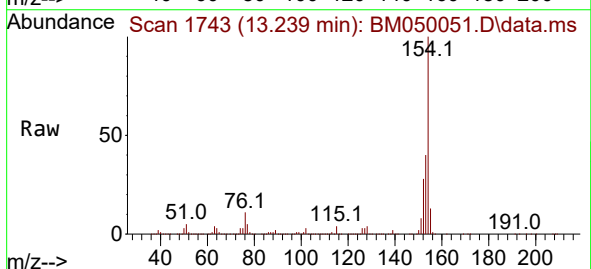
Tgt Ion:154 Resp: 1724245

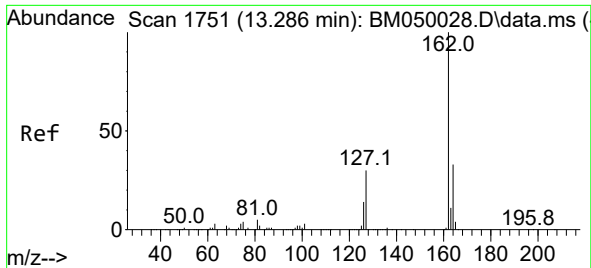
Ion Ratio Lower Upper

154 100

153 39.9 20.0 60.0

76 11.0 0.0 30.3

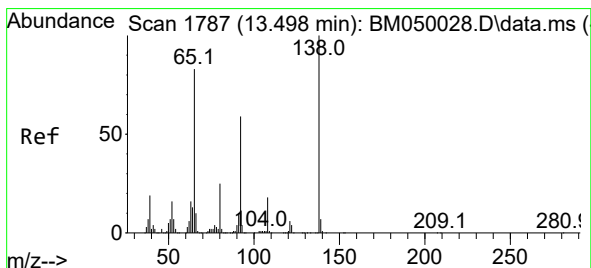
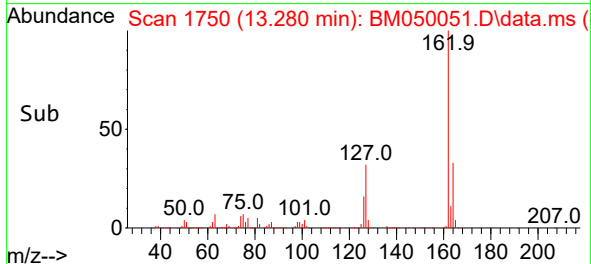
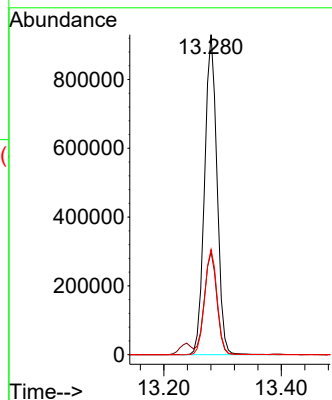
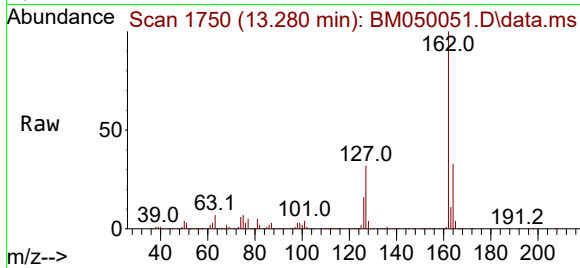




#47
2-Chloronaphthalene
Concen: 38.922 ng
RT: 13.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

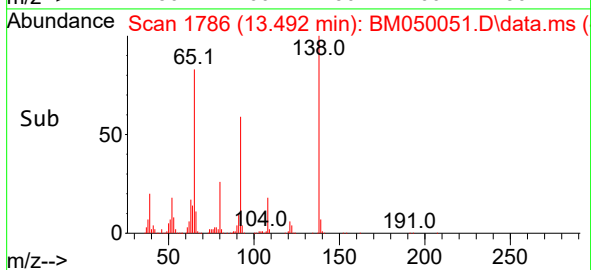
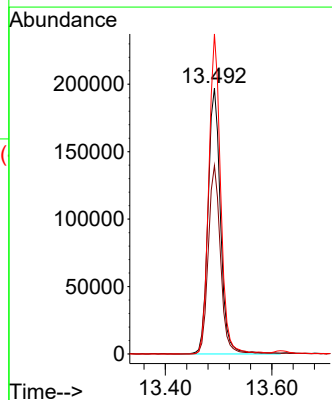
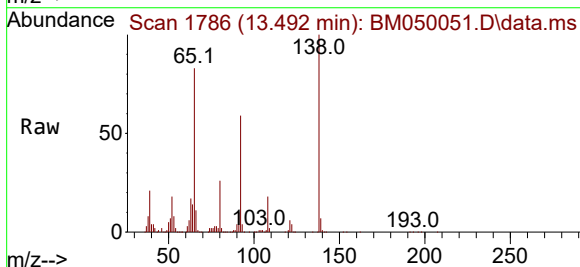
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD

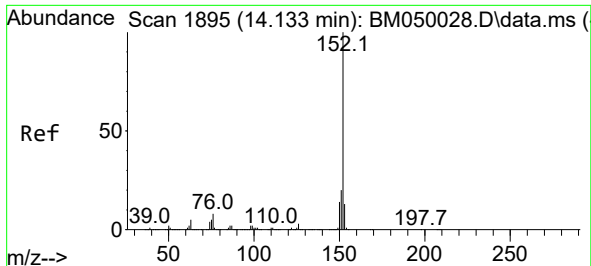
Tgt Ion:162 Resp: 1363033
Ion Ratio Lower Upper
162 100
127 32.1 25.9 38.9
164 32.9 26.6 40.0



#48
2-Nitroaniline
Concen: 38.885 ng
RT: 13.492 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion: 65 Resp: 319598
Ion Ratio Lower Upper
65 100
92 70.9 57.1 85.7
138 120.4 97.0 145.4

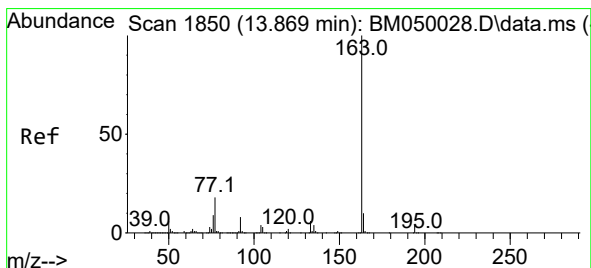
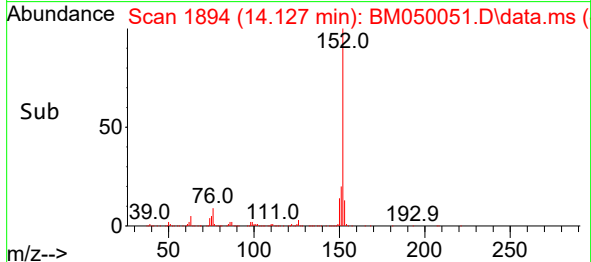
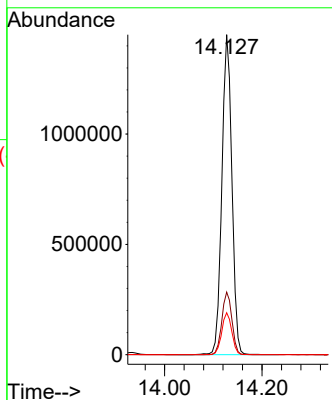
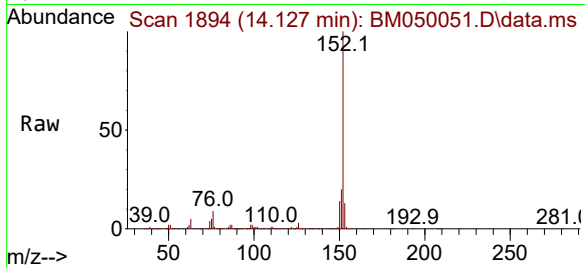




#49
Acenaphthylene
Concen: 37.741 ng
RT: 14.127 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

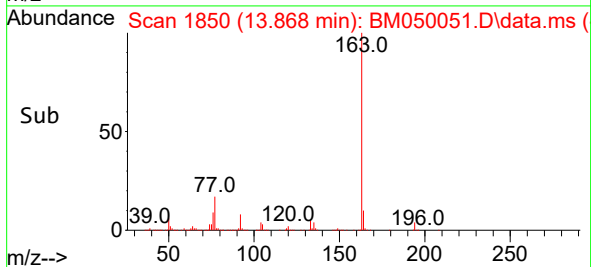
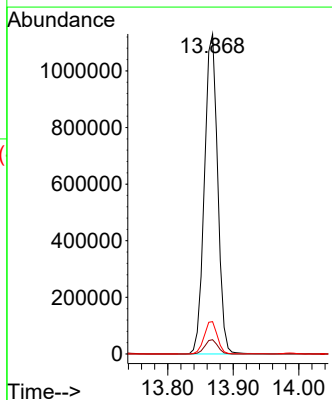
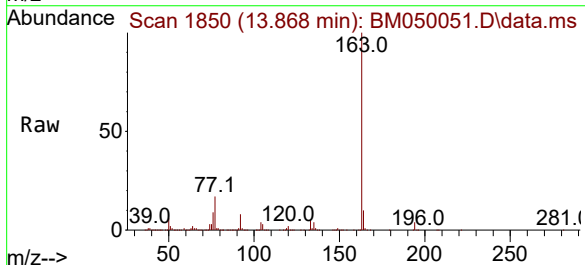
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD

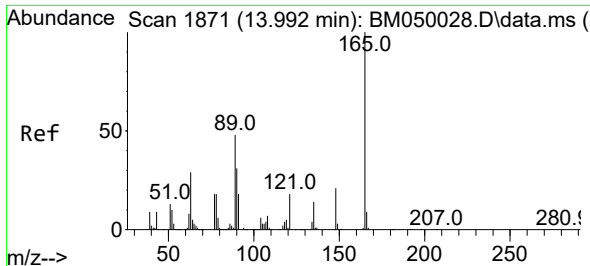
Tgt Ion:152 Resp: 2083866
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 36.461 ng
RT: 13.868 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion:163 Resp: 1584975
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.1 8.2 12.2

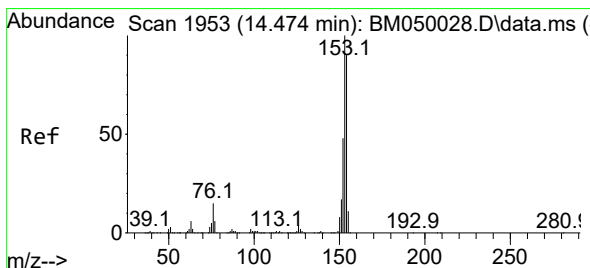
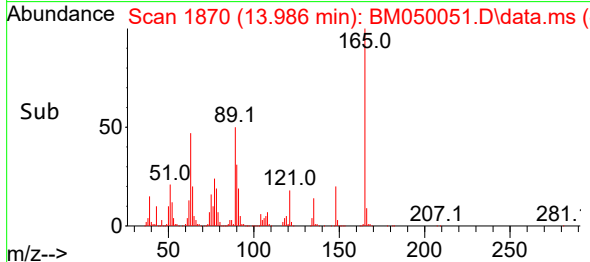
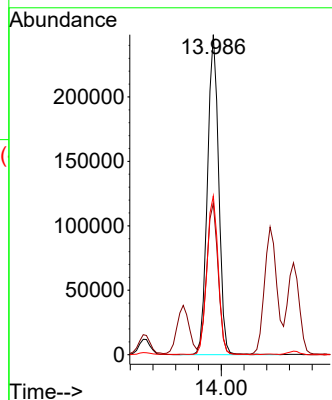
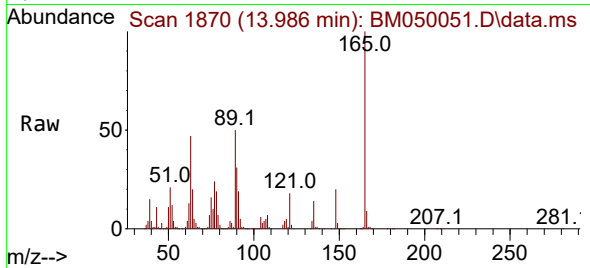




#51
2,6-Dinitrotoluene
Concen: 37.686 ng
RT: 13.986 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

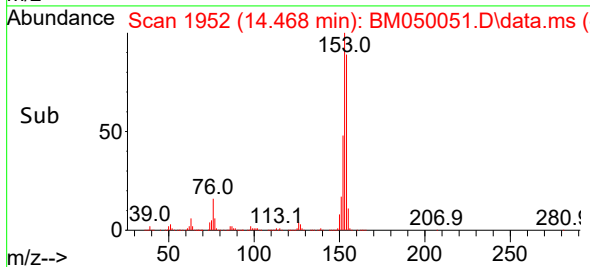
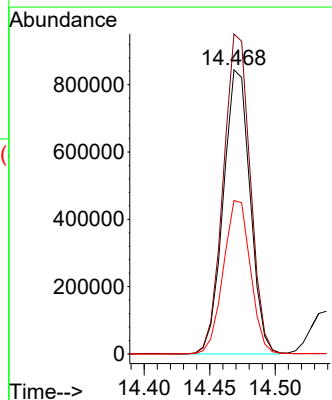
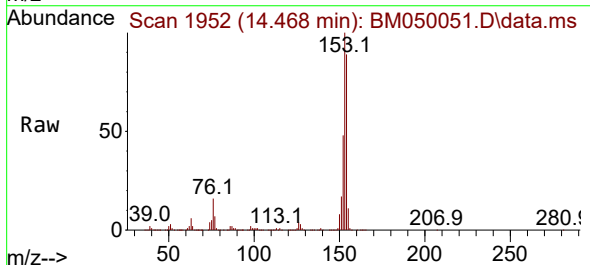
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD

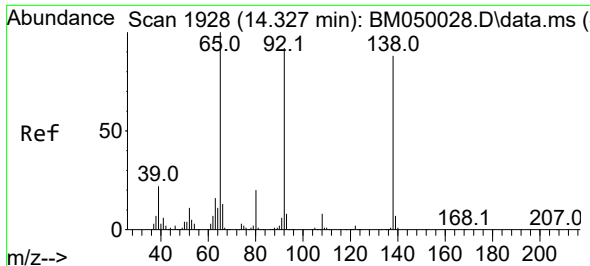
Tgt Ion:165 Resp: 339189
Ion Ratio Lower Upper
165 100
63 47.3 35.1 52.7
89 49.6 38.4 57.6



#52
Acenaphthene
Concen: 37.565 ng
RT: 14.468 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion:154 Resp: 1200585
Ion Ratio Lower Upper
154 100
153 112.6 89.0 133.4
152 54.0 43.0 64.6

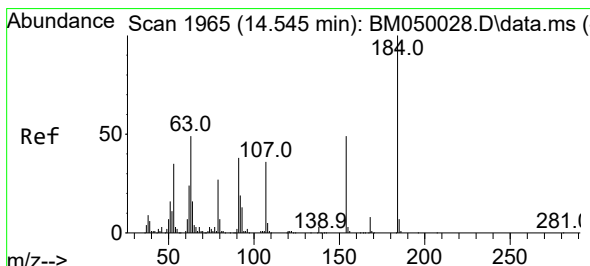
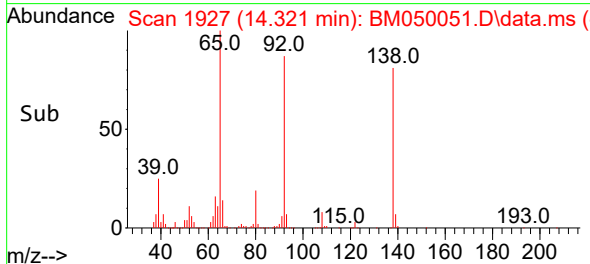
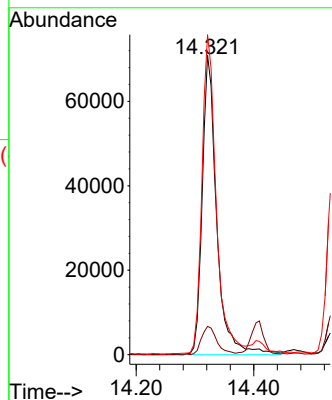
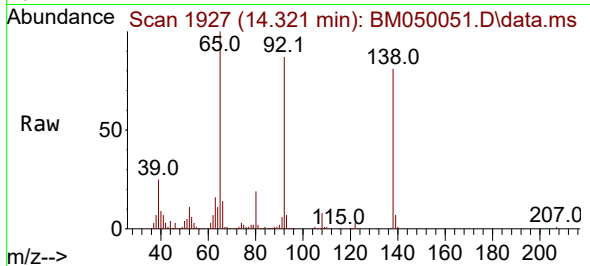




#53
3-Nitroaniline
Concen: 14.084 ng
RT: 14.321 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

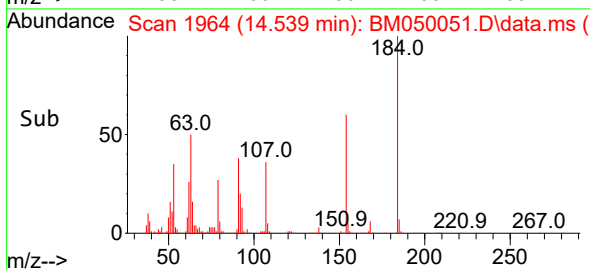
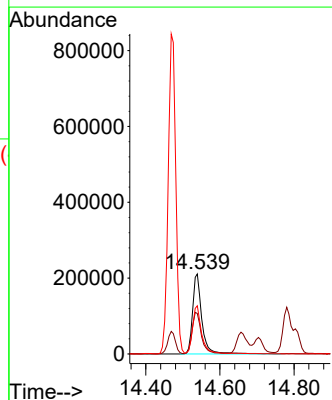
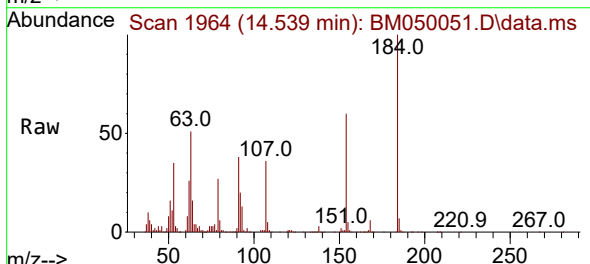
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD

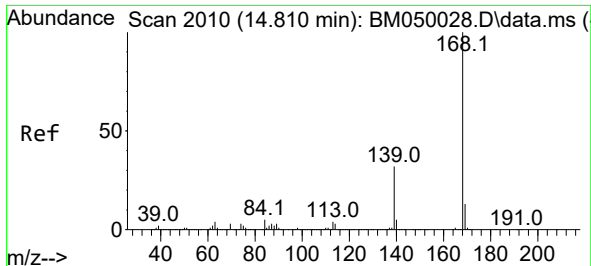
Tgt Ion:138 Resp: 121020
Ion Ratio Lower Upper
138 100
108 9.5 7.4 11.2
92 106.9 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 64.725 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion:184 Resp: 366009
Ion Ratio Lower Upper
184 100
63 50.6 39.8 59.6
154 60.1 46.1 69.1

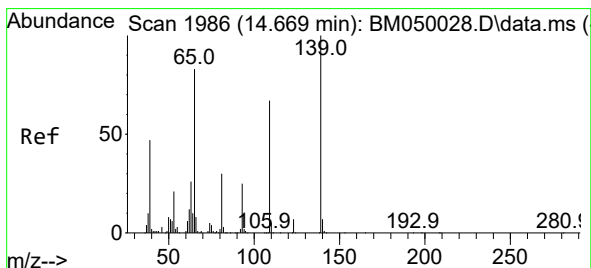
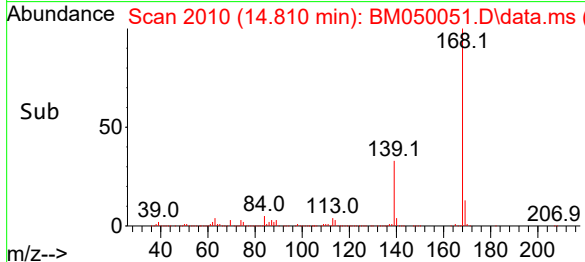
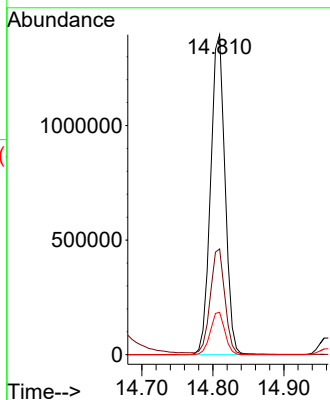
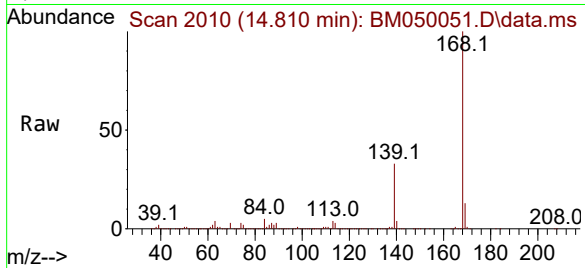




#55
Dibenzenofuran
Concen: 36.940 ng
RT: 14.810 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

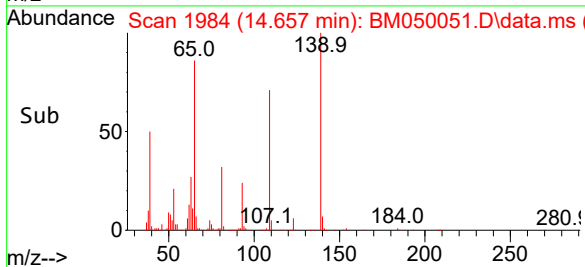
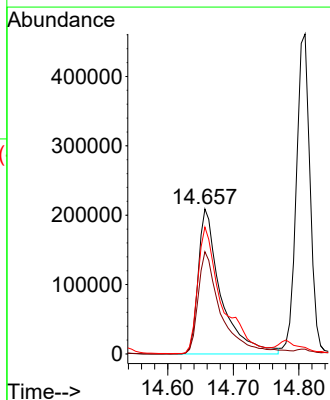
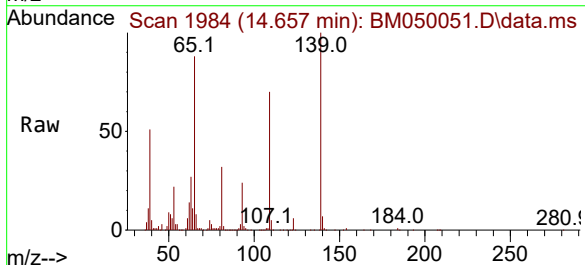
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD

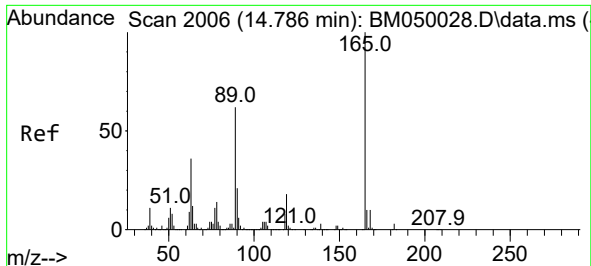
Tgt Ion:168 Resp: 1964264
Ion Ratio Lower Upper
168 100
139 33.0 26.1 39.1
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 72.280 ng
RT: 14.657 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion:139 Resp: 502037
Ion Ratio Lower Upper
139 100
109 70.5 47.0 87.0
65 87.5 64.3 104.3





#57

2,4-Dinitrotoluene

Concen: 37.338 ng

RT: 14.780 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM050051.D

Acq: 30 Apr 2025 18:41

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD

Tgt Ion:165 Resp: 464363

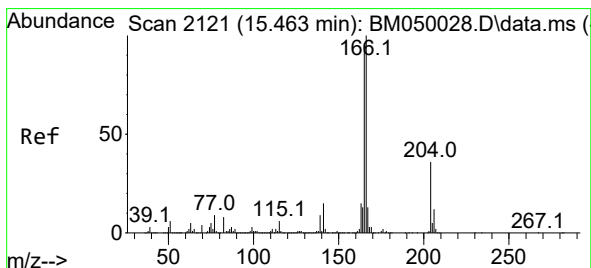
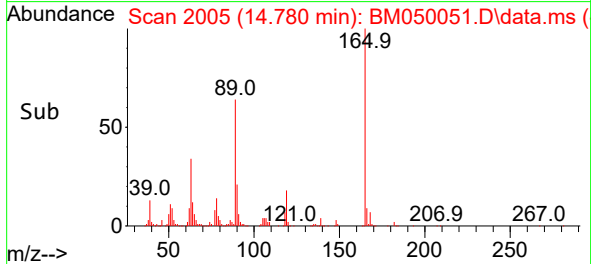
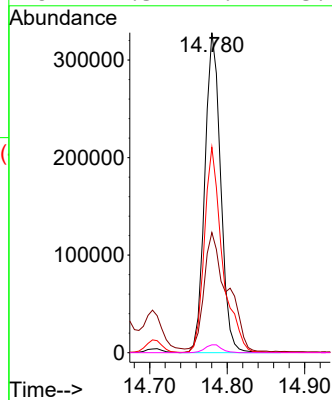
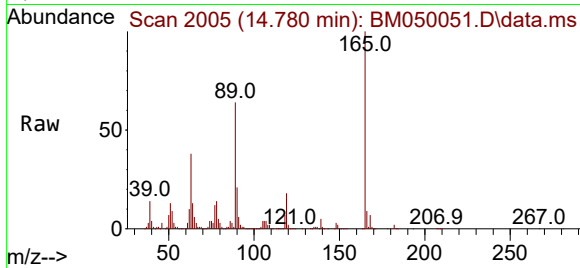
Ion Ratio Lower Upper

165 100

63 37.5 29.0 43.6

89 64.2 49.4 74.2

182 2.5 2.2 3.2



#58

Fluorene

Concen: 37.915 ng

RT: 15.457 min Scan# 2120

Delta R.T. -0.006 min

Lab File: BM050051.D

Acq: 30 Apr 2025 18:41

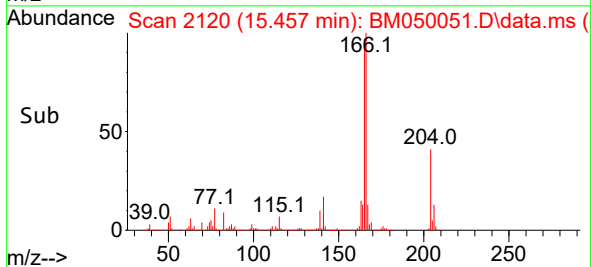
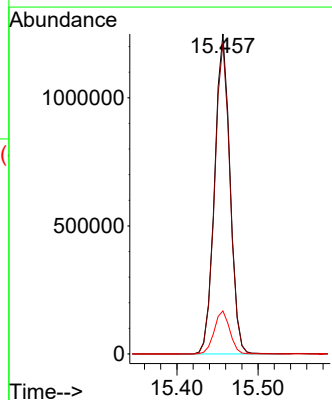
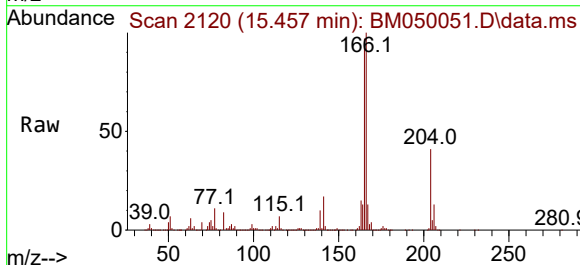
Tgt Ion:166 Resp: 1650249

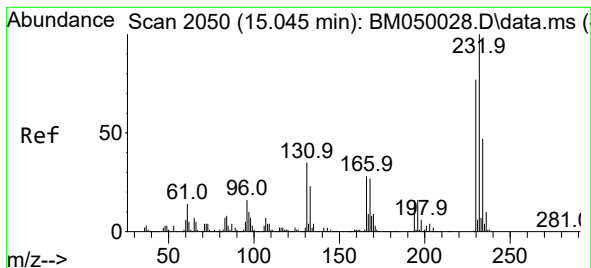
Ion Ratio Lower Upper

166 100

165 97.2 76.6 115.0

167 13.4 10.6 16.0

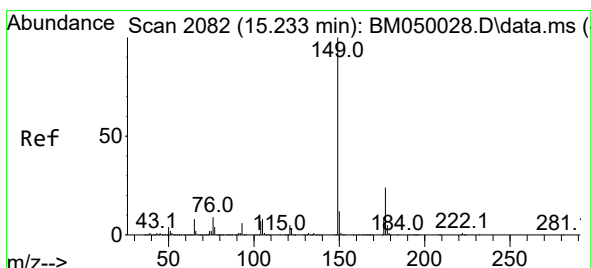
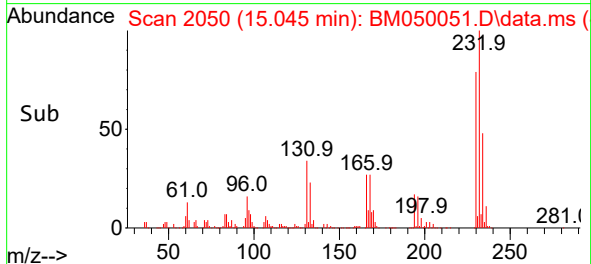
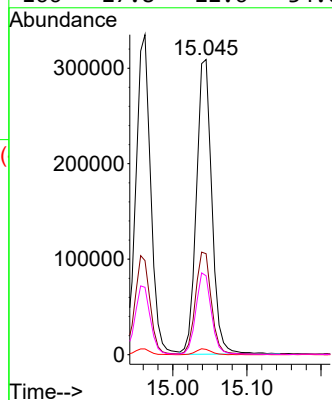
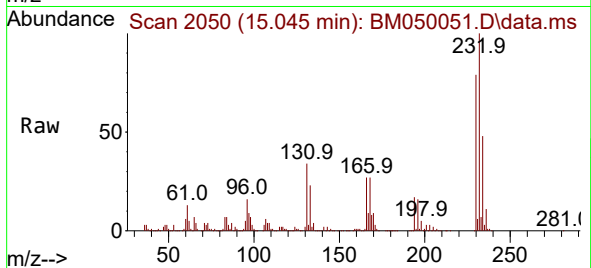




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.556 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

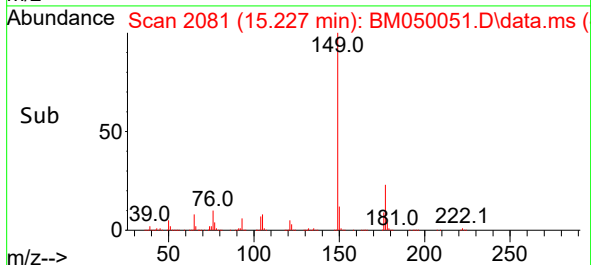
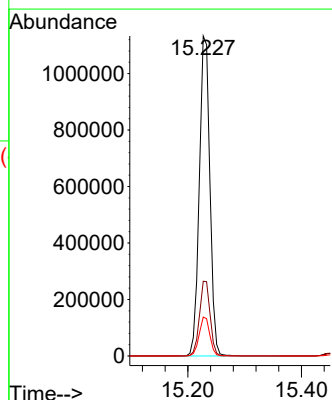
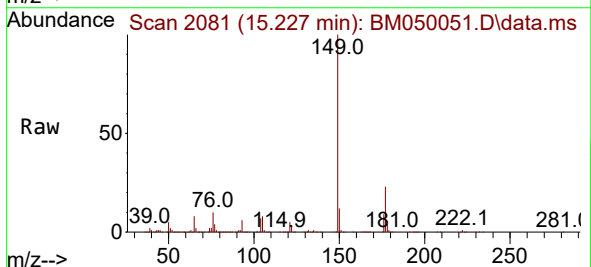
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD

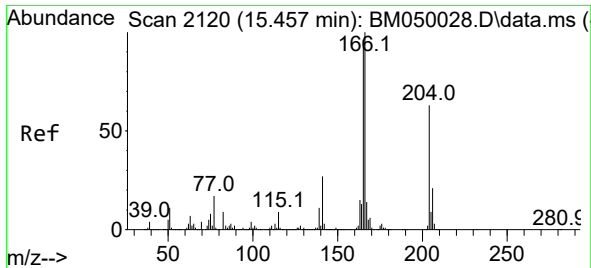
Tgt Ion:232 Resp: 445647
Ion Ratio Lower Upper
232 100
131 35.9 28.2 42.4
130 2.0 1.5 2.3
166 27.8 22.6 34.0



#60
Diethylphthalate
Concen: 35.873 ng
RT: 15.227 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion:149 Resp: 1469398
Ion Ratio Lower Upper
149 100
177 23.3 19.1 28.7
150 12.2 9.6 14.4

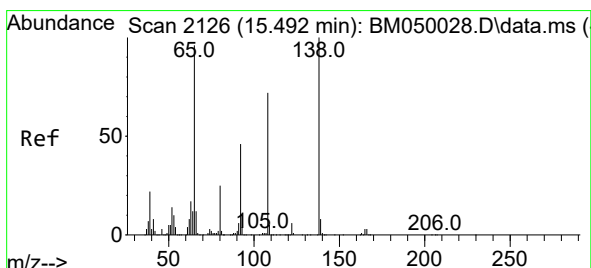
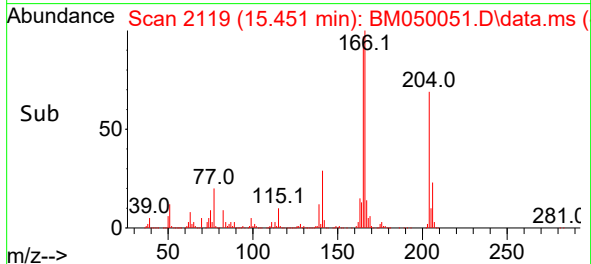
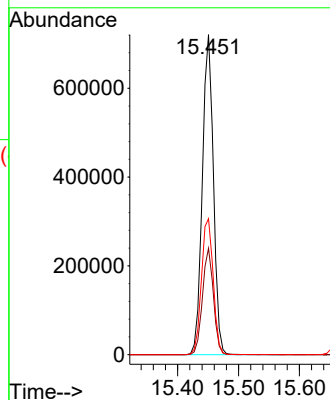
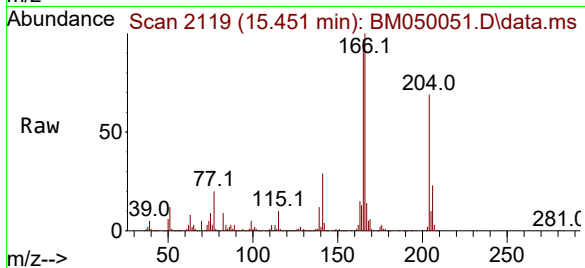




#61
4-Chlorophenyl-phenylether
Concen: 37.958 ng
RT: 15.451 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

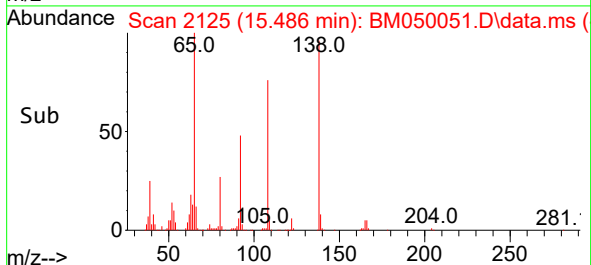
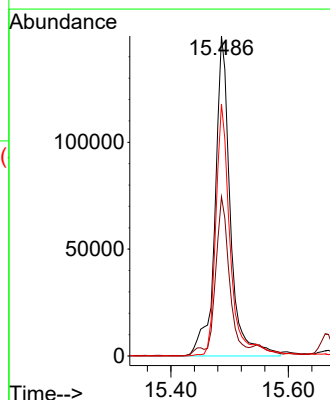
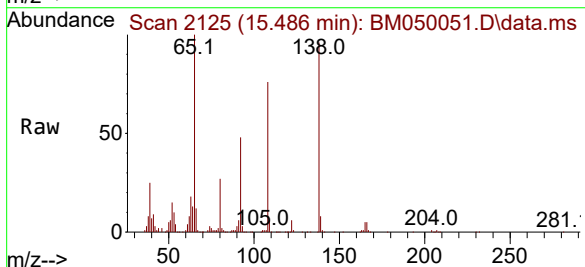
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD

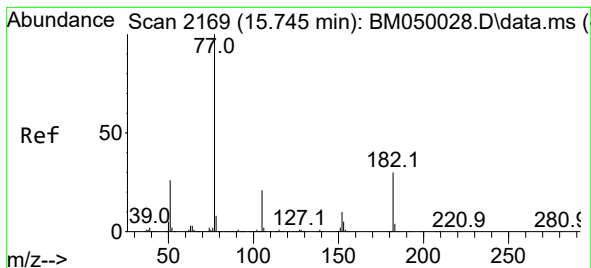
Tgt Ion:204 Resp: 907435
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 42.5 34.0 51.0



#62
4-Nitroaniline
Concen: 32.665 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion:138 Resp: 270809
Ion Ratio Lower Upper
138 100
92 49.7 25.9 65.9
108 78.8 52.4 92.4

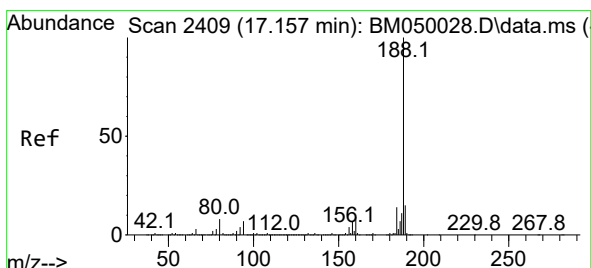
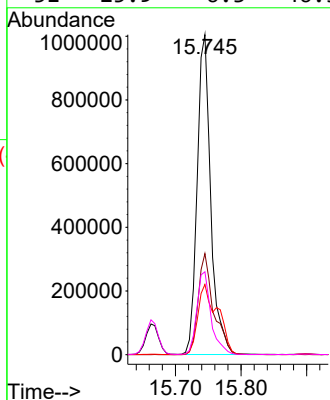
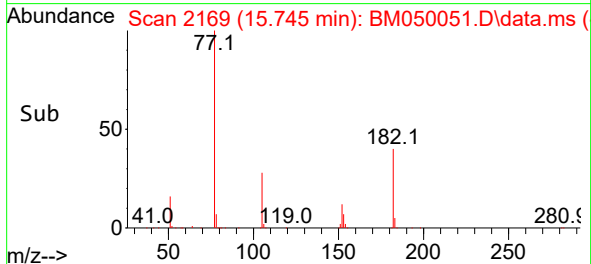
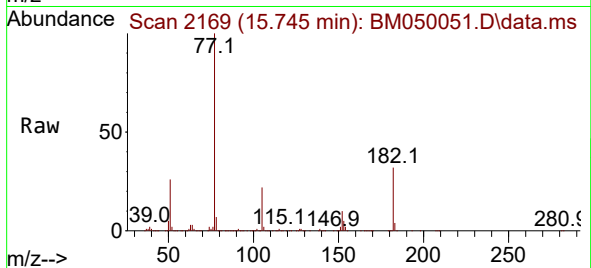




#63
Azobenzene
Concen: 42.197 ng
RT: 15.745 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

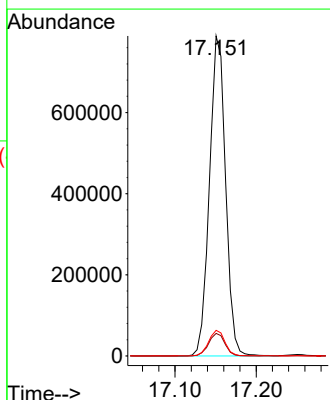
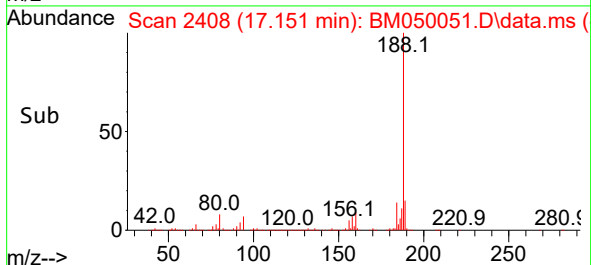
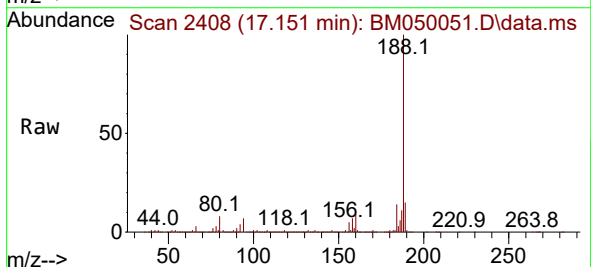
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD

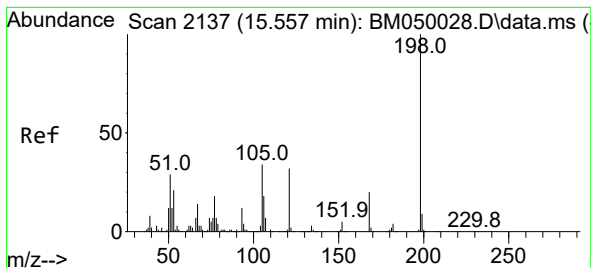
Tgt Ion: 77 Resp: 1448547
Ion Ratio Lower Upper
77 100
182 31.6 10.5 50.5
105 22.0 1.1 41.1
51 25.9 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion:188 Resp: 1087317
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 8.0 6.2 9.4

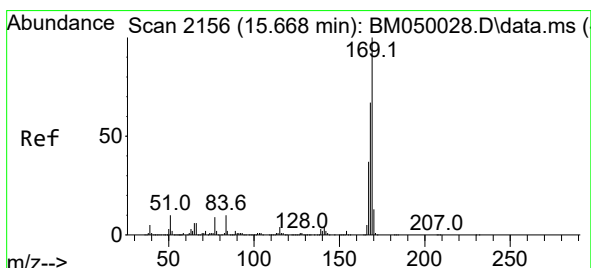
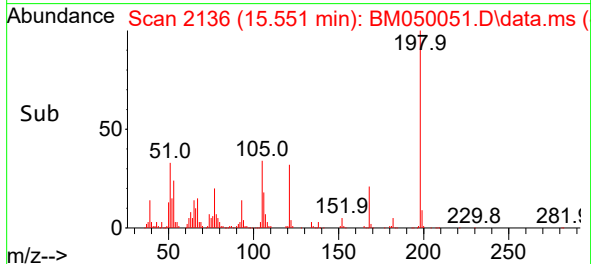
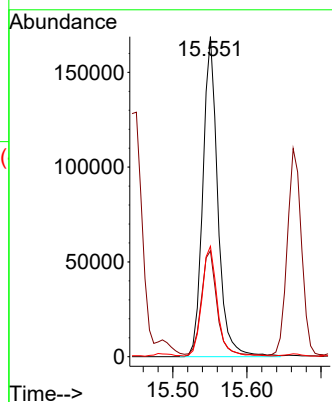
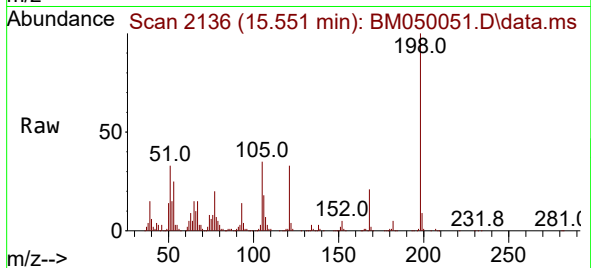




#65
4,6-Dinitro-2-methylphenol
Concen: 34.962 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

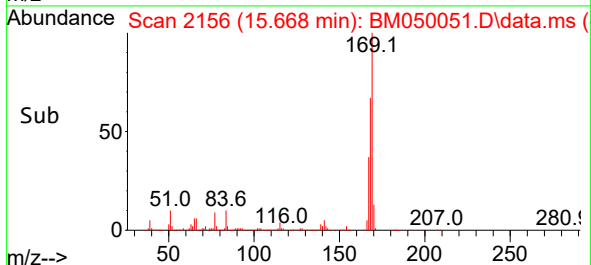
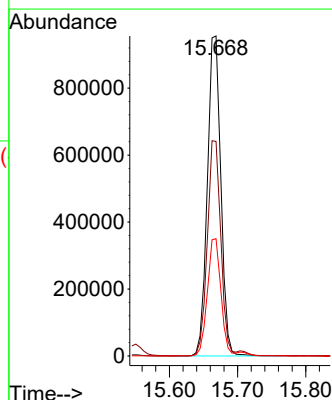
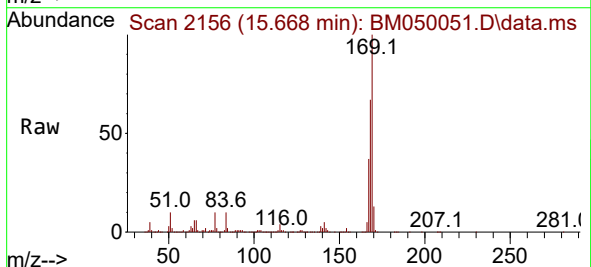
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD

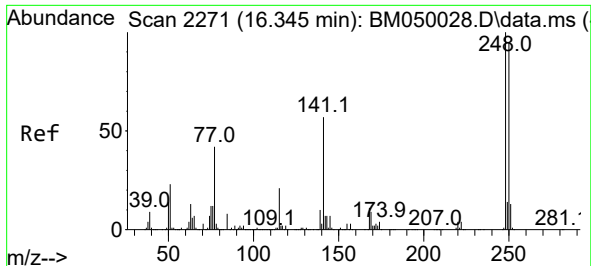
Tgt Ion:198 Resp: 237957
Ion Ratio Lower Upper
198 100
51 33.1 10.4 50.4
105 34.5 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 39.438 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion:169 Resp: 1316779
Ion Ratio Lower Upper
169 100
168 67.0 53.4 80.2
167 36.7 29.4 44.0

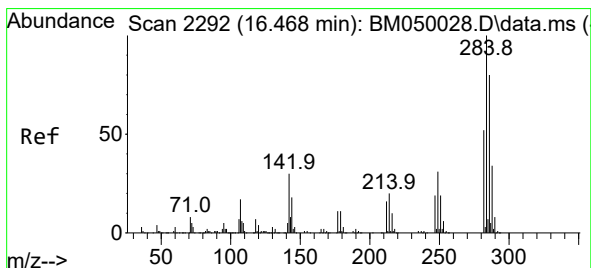
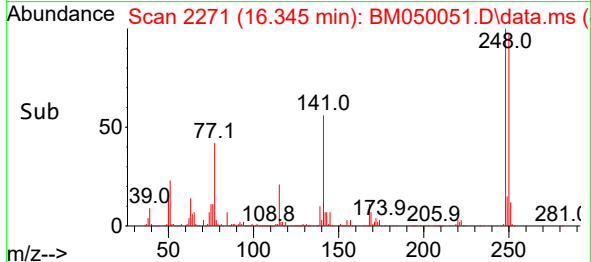
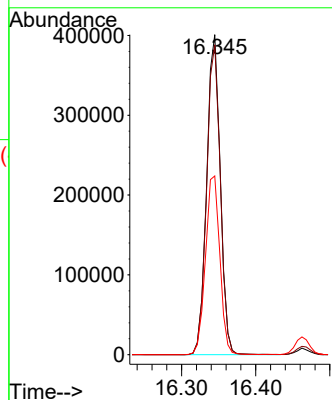
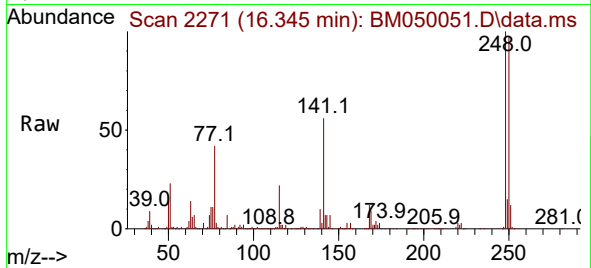




#67
4-Bromophenyl-phenylether
Concen: 38.888 ng
RT: 16.345 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

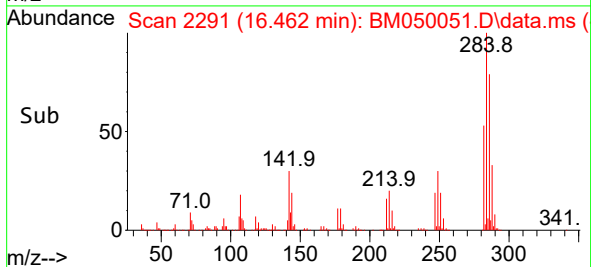
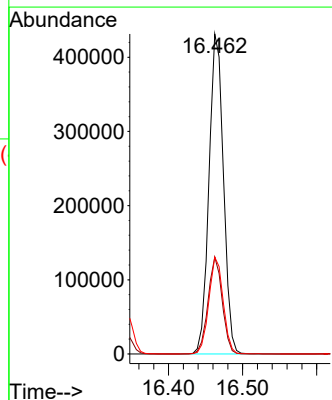
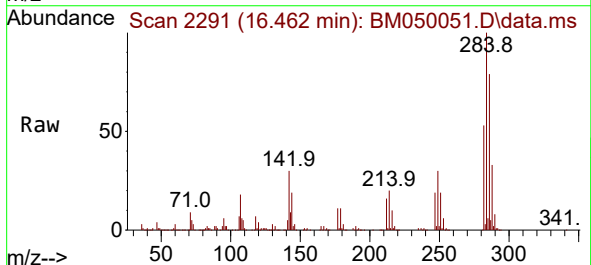
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD

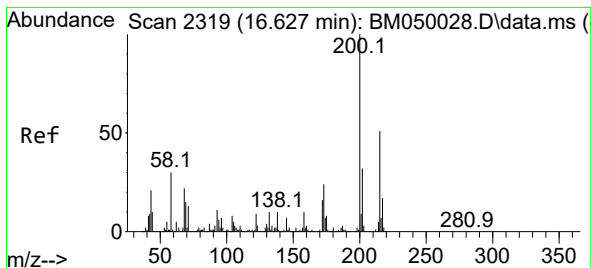
Tgt Ion:248 Resp: 511324
Ion Ratio Lower Upper
248 100
250 96.9 76.2 114.2
141 55.9 45.9 68.9



#68
Hexachlorobenzene
Concen: 38.588 ng
RT: 16.462 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion:284 Resp: 584856
Ion Ratio Lower Upper
284 100
142 30.3 23.9 35.9
249 30.3 24.5 36.7





#69

Atrazine

Concen: 38.023 ng

RT: 16.621 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050051.D

Acq: 30 Apr 2025 18:41

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD

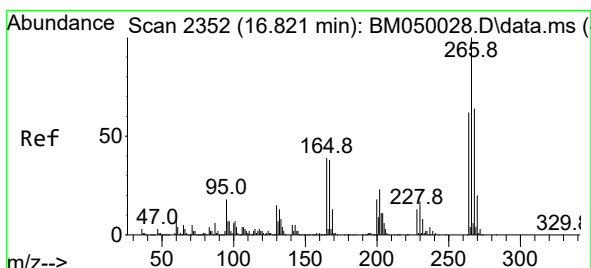
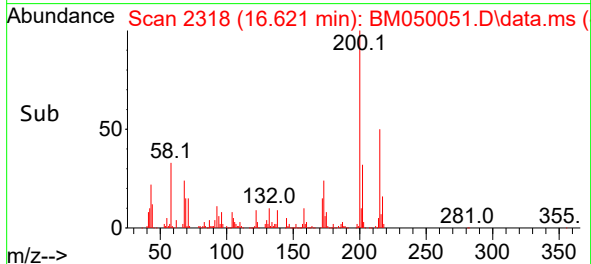
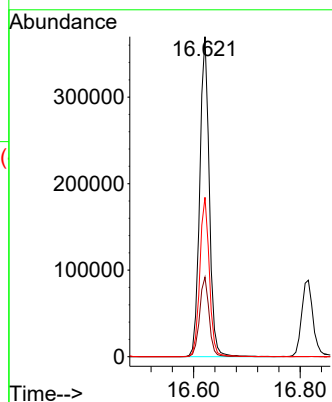
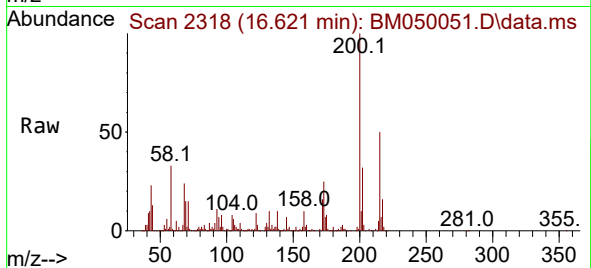
Tgt Ion:200 Resp: 457942

Ion Ratio Lower Upper

200 100

173 24.8 4.3 44.3

215 49.8 30.6 70.6



#70

Pentachlorophenol

Concen: 85.193 ng

RT: 16.815 min Scan# 2351

Delta R.T. -0.006 min

Lab File: BM050051.D

Acq: 30 Apr 2025 18:41

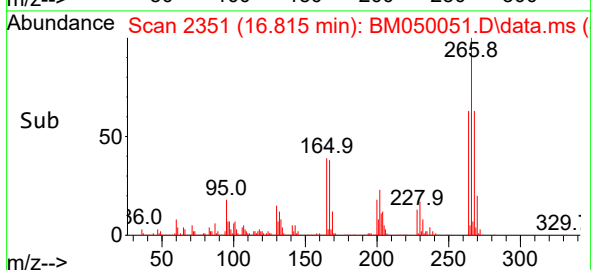
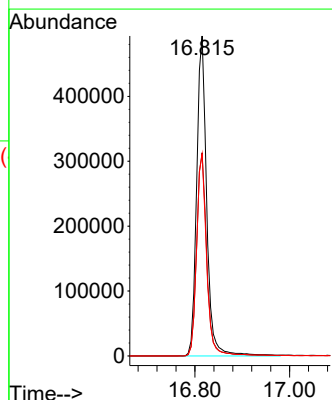
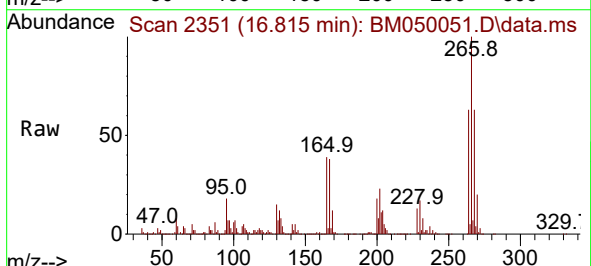
Tgt Ion:266 Resp: 726819

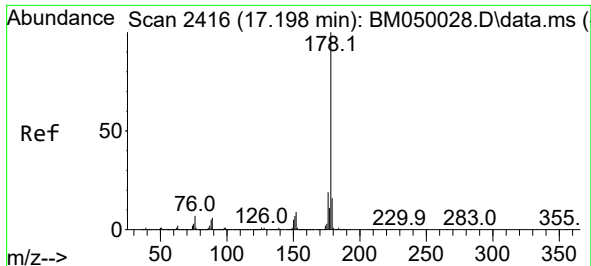
Ion Ratio Lower Upper

266 100

268 63.5 51.2 76.8

264 63.0 49.6 74.4

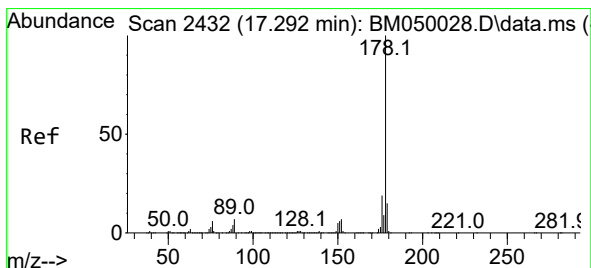
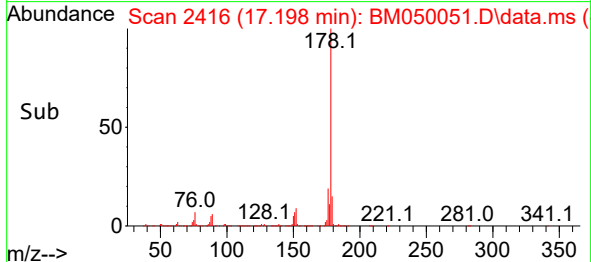
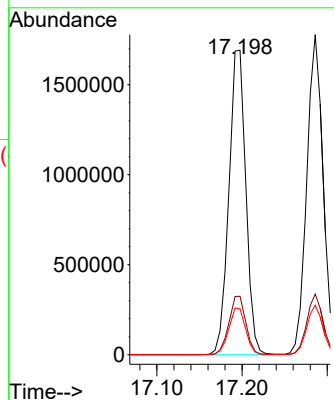
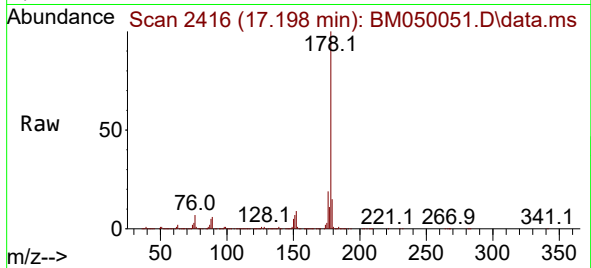




#71
 Phenanthrene
 Concen: 38.122 ng
 RT: 17.198 min Scan# 2416
 Delta R.T. -0.000 min
 Lab File: BM050051.D
 Acq: 30 Apr 2025 18:41

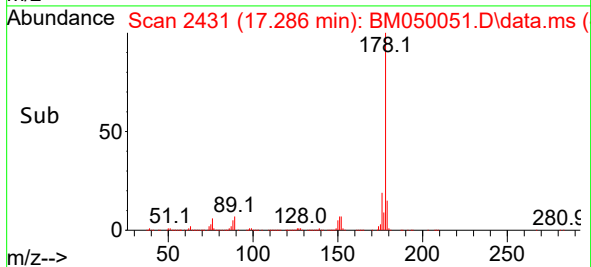
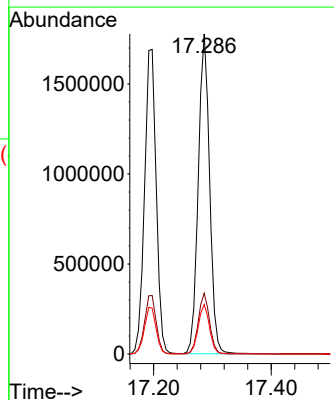
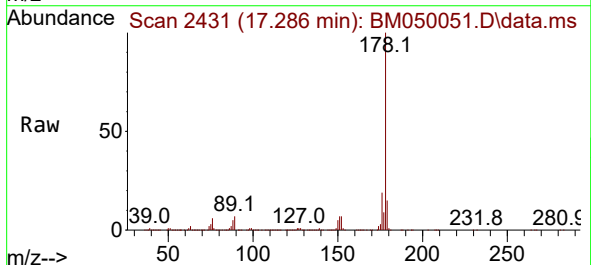
Instrument :
 BNA_M
 ClientSampleId :
 COMP-2MSD

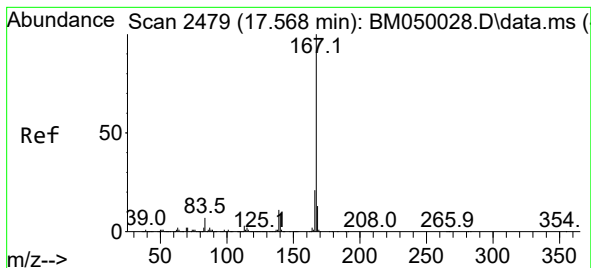
Tgt Ion:178 Resp: 2337865
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.3 22.9
 179 15.0 12.4 18.6



#72
 Anthracene
 Concen: 38.373 ng
 RT: 17.286 min Scan# 2431
 Delta R.T. -0.006 min
 Lab File: BM050051.D
 Acq: 30 Apr 2025 18:41

Tgt Ion:178 Resp: 2381496
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.0 22.4
 179 15.5 12.2 18.4





#73

Carbazole

Concen: 37.359 ng

RT: 17.562 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM050051.D

Acq: 30 Apr 2025 18:41

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD

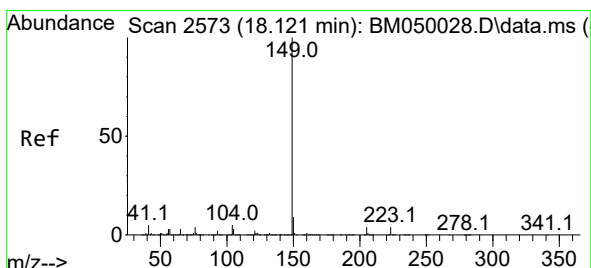
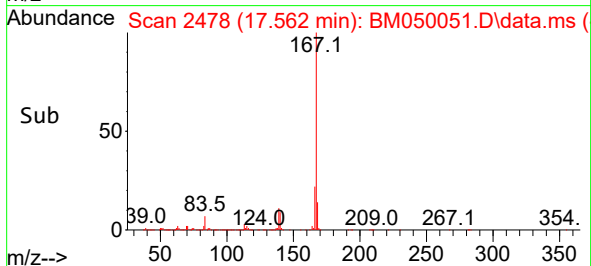
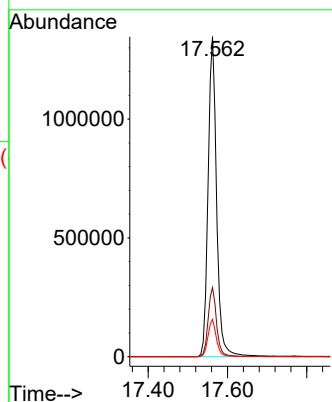
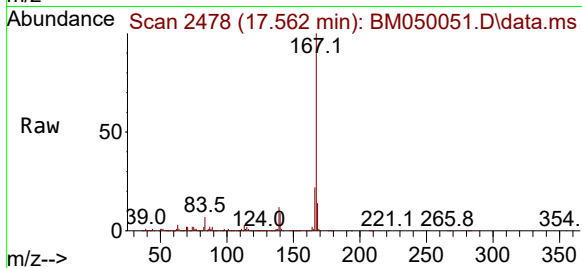
Tgt Ion:167 Resp: 2011901

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 11.7 9.0 13.6



#74

Di-n-butylphthalate

Concen: 37.595 ng

RT: 18.115 min Scan# 2572

Delta R.T. -0.006 min

Lab File: BM050051.D

Acq: 30 Apr 2025 18:41

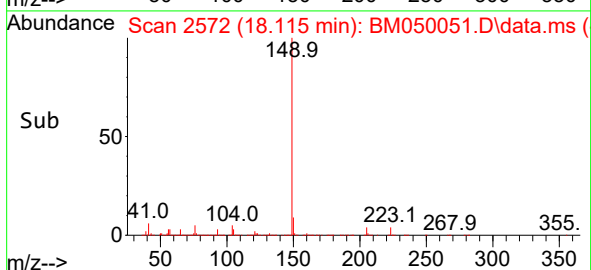
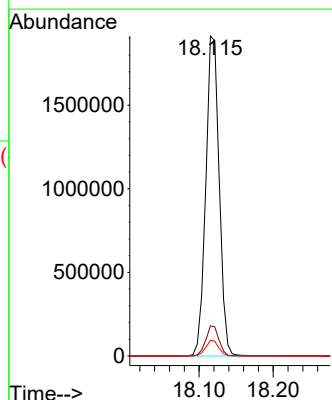
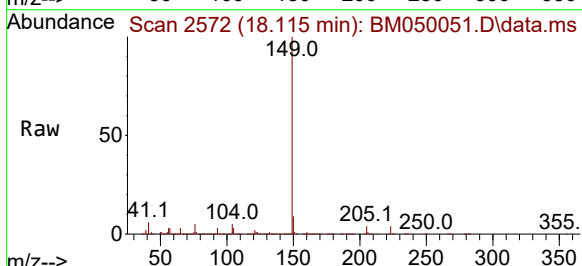
Tgt Ion:149 Resp: 2411092

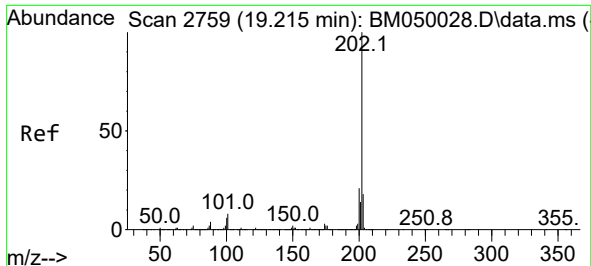
Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

104 4.9 3.8 5.6

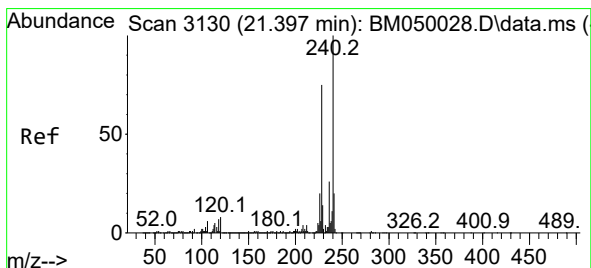
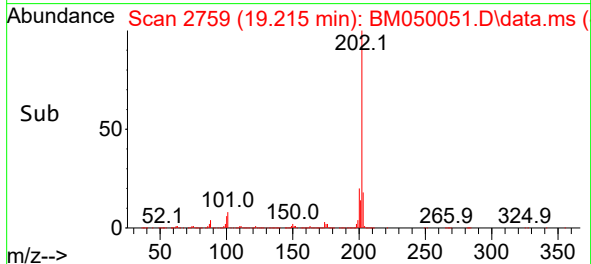
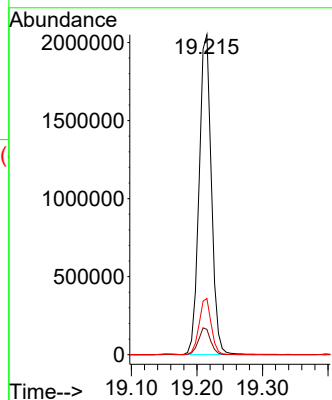
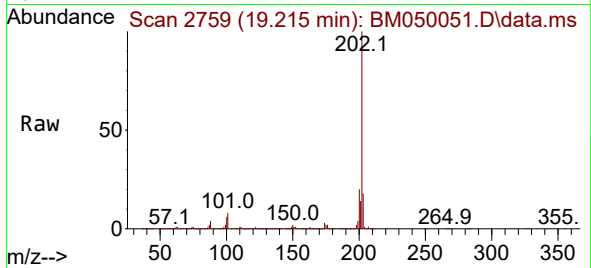




#75
Fluoranthene
Concen: 37.072 ng
RT: 19.215 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

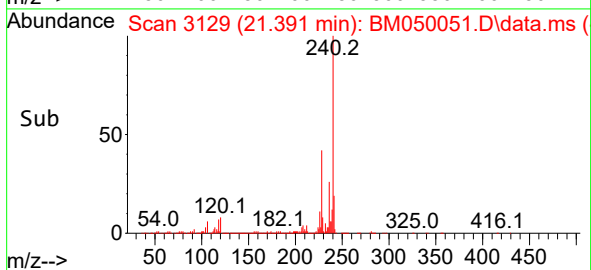
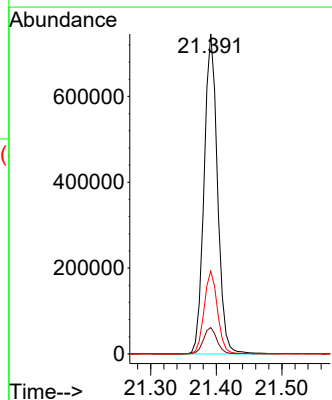
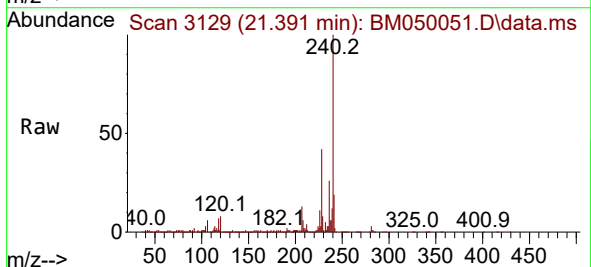
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD

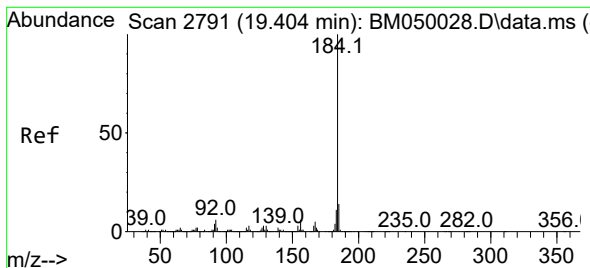
Tgt Ion:202 Resp: 2669187
Ion Ratio Lower Upper
202 100
101 7.9 0.0 28.0
203 17.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.391 min Scan# 3129
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion:240 Resp: 1064603
Ion Ratio Lower Upper
240 100
120 8.3 6.5 9.7
236 25.9 20.9 31.3





#77

Benzidine

Concen: 26.613 ng

RT: 19.403 min Scan# 21

Delta R.T. -0.001 min

Lab File: BM050051.D

Acq: 30 Apr 2025 18:41

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD

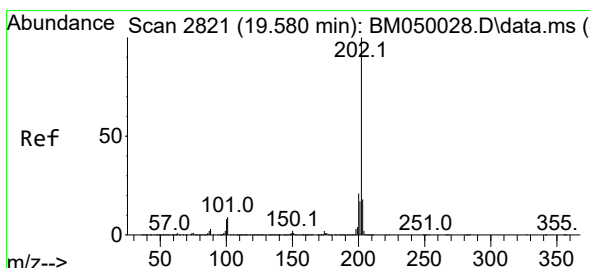
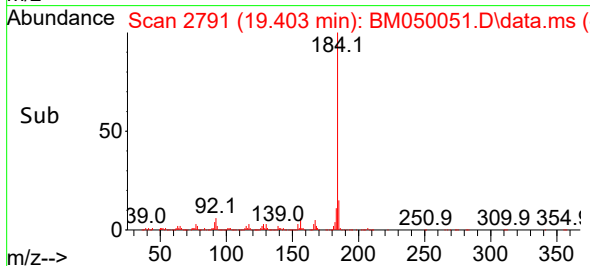
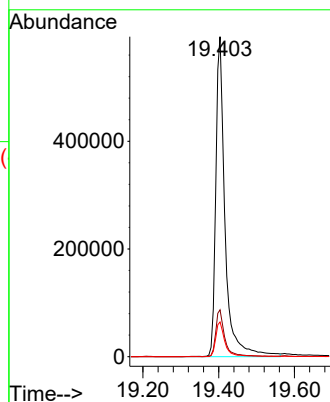
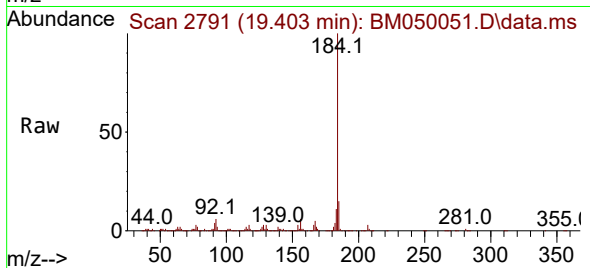
Tgt Ion:184 Resp: 1006375

Ion Ratio Lower Upper

184 100

185 14.6 11.5 17.3

183 10.8 8.9 13.3



#78

Pyrene

Concen: 36.932 ng

RT: 19.574 min Scan# 2820

Delta R.T. -0.006 min

Lab File: BM050051.D

Acq: 30 Apr 2025 18:41

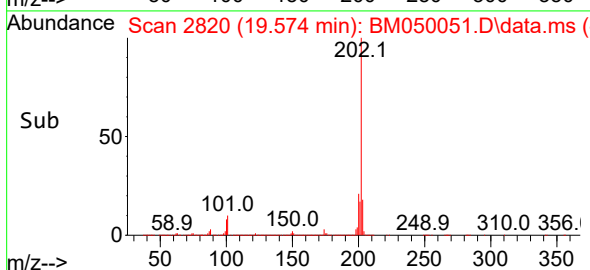
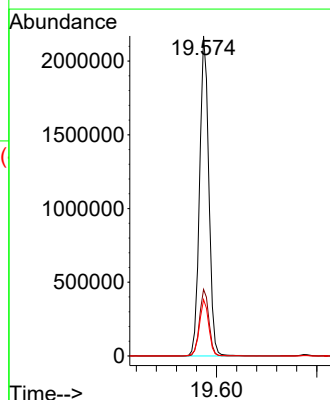
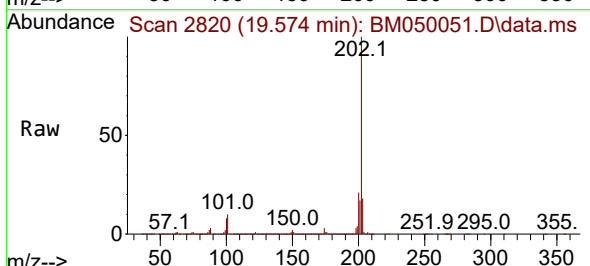
Tgt Ion:202 Resp: 2761052

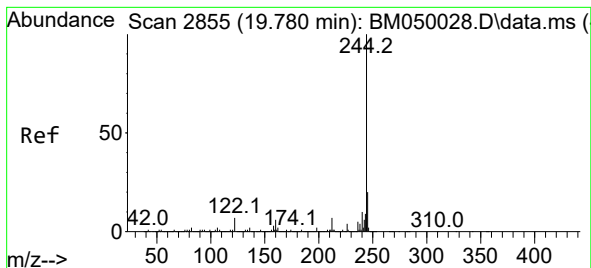
Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 44.868 ng

RT: 19.774 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050051.D

Acq: 30 Apr 2025 18:41

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD

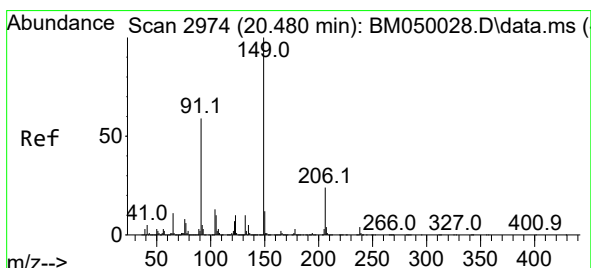
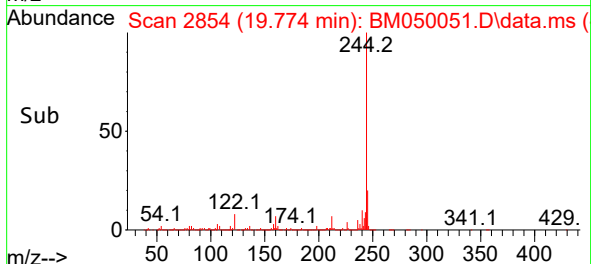
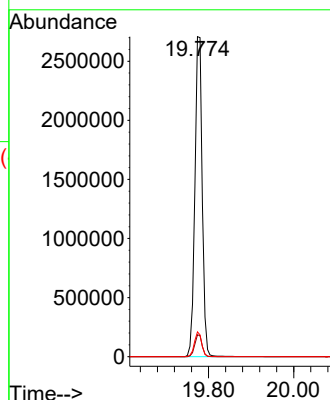
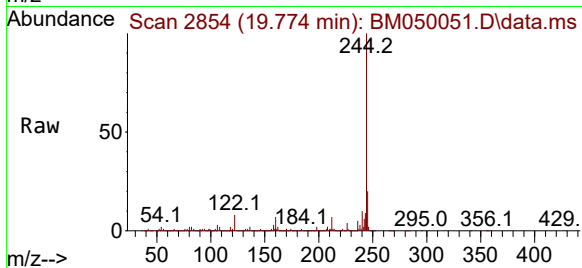
Tgt Ion:244 Resp: 3228035

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 7.7 5.6 8.4



#80

Butylbenzylphthalate

Concen: 36.997 ng

RT: 20.474 min Scan# 2973

Delta R.T. -0.006 min

Lab File: BM050051.D

Acq: 30 Apr 2025 18:41

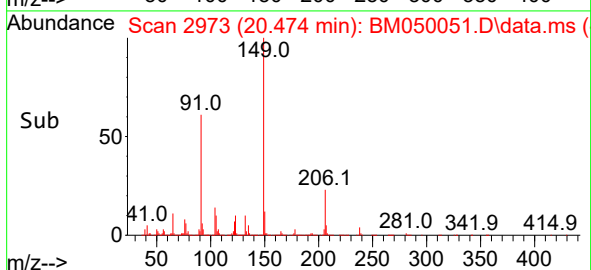
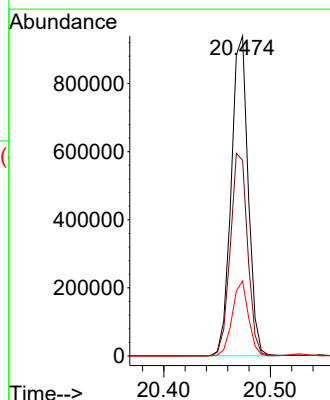
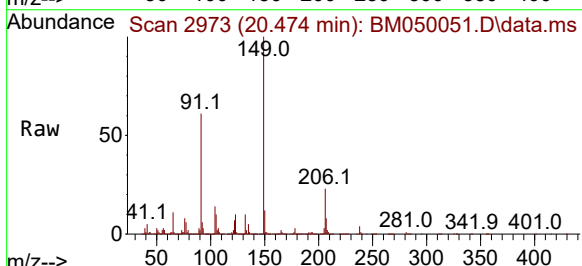
Tgt Ion:149 Resp: 1035927

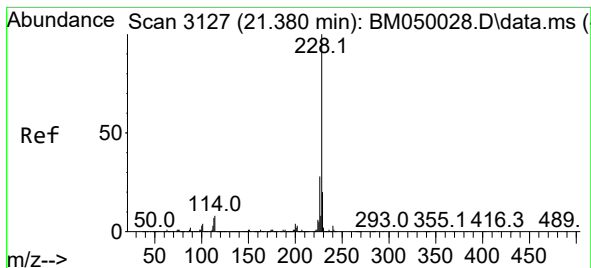
Ion Ratio Lower Upper

149 100

91 61.1 47.4 71.2

206 23.5 19.4 29.0





#81

Benzo(a)anthracene

Concen: 38.225 ng

RT: 21.374 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM050051.D

Acq: 30 Apr 2025 18:41

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD

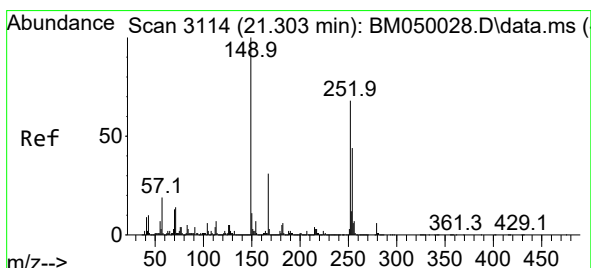
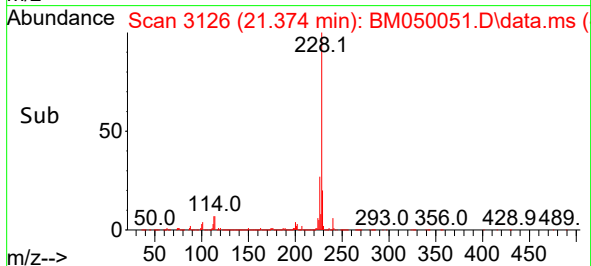
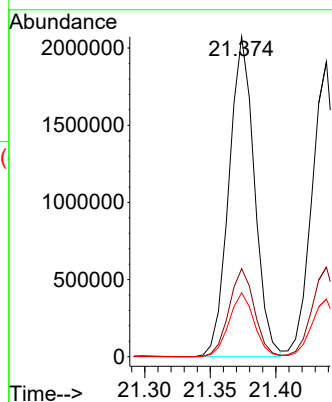
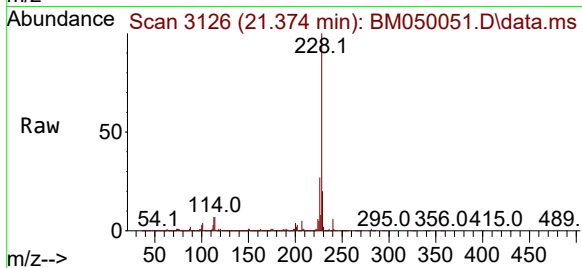
Tgt Ion:228 Resp: 2802323

Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

229 20.0 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 19.901 ng

RT: 21.297 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BM050051.D

Acq: 30 Apr 2025 18:41

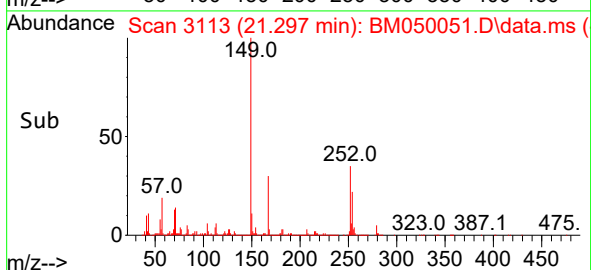
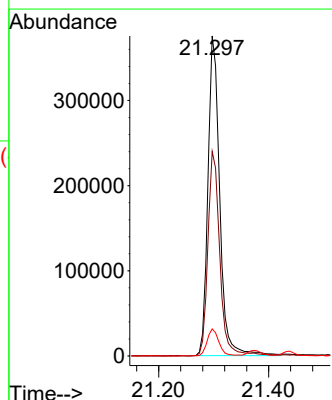
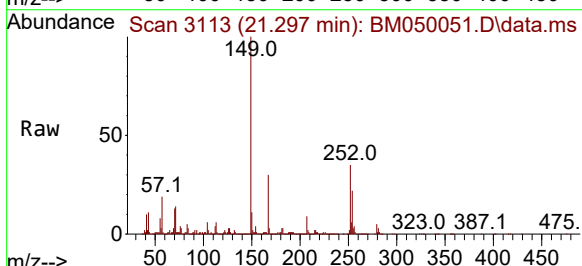
Tgt Ion:252 Resp: 558496

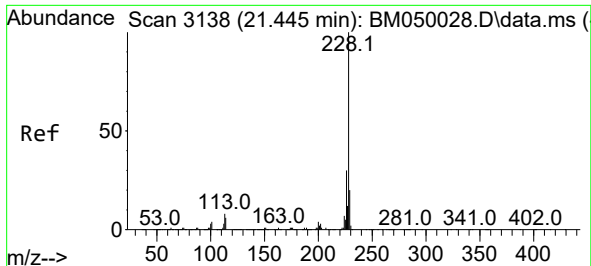
Ion Ratio Lower Upper

252 100

254 63.9 51.8 77.6

126 8.5 6.0 9.0

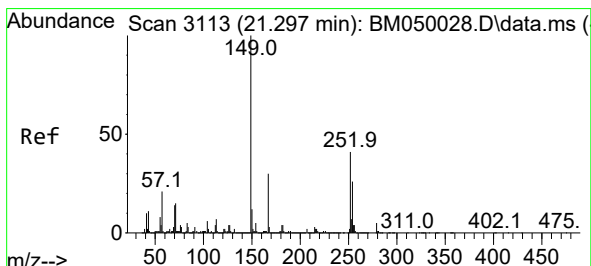
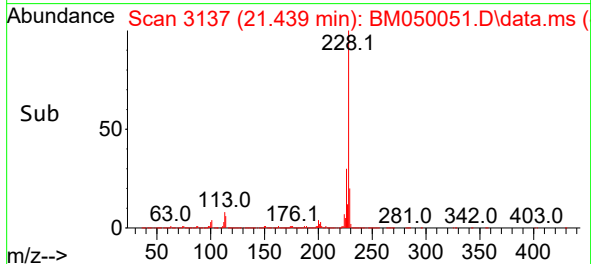
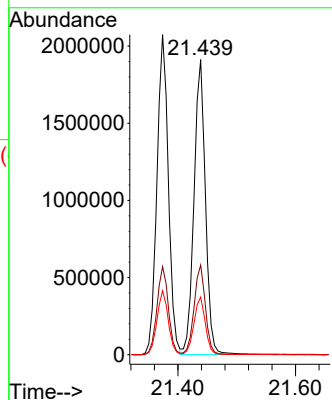
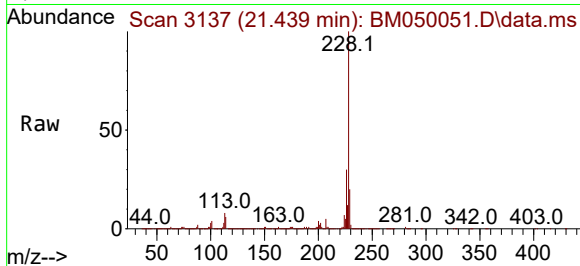




#83
Chrysene
Concen: 37.948 ng
RT: 21.439 min Scan# 3138
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

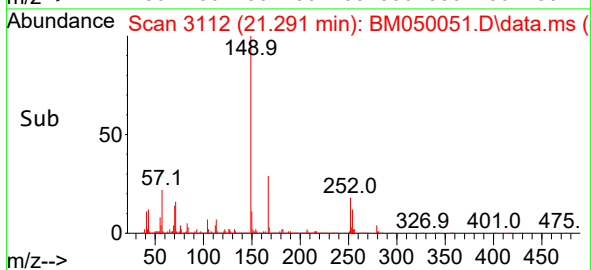
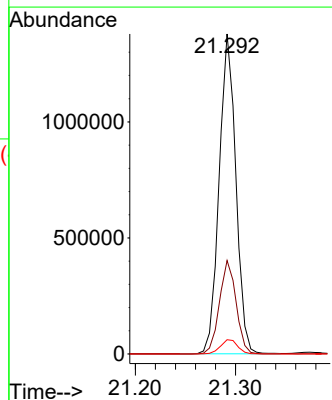
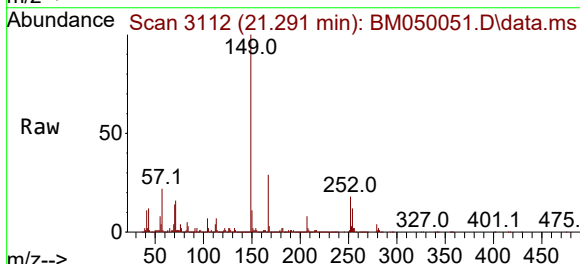
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD

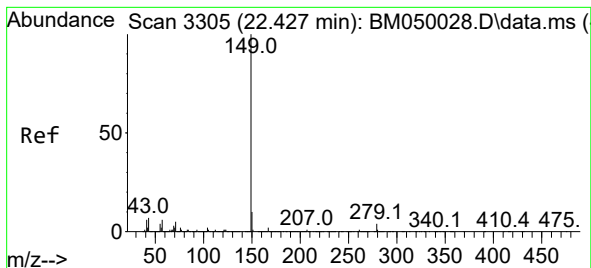
Tgt Ion:228 Resp: 2574823
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 19.5 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.968 ng
RT: 21.291 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion:149 Resp: 1587961
Ion Ratio Lower Upper
149 100
167 29.2 24.1 36.1
279 4.4 3.9 5.9

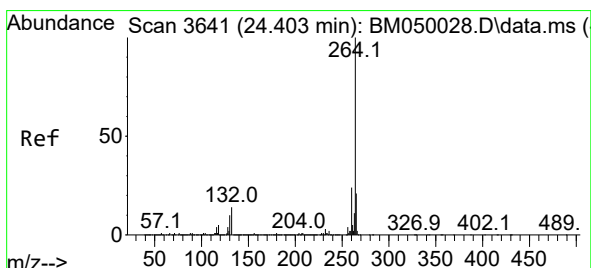
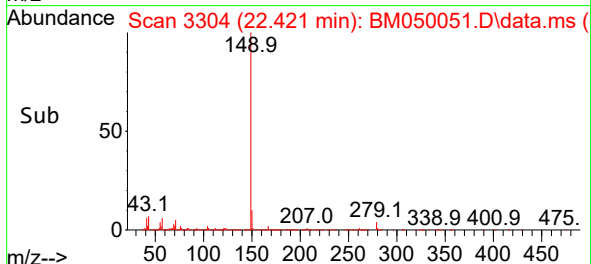
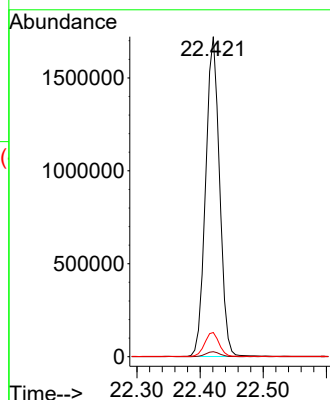
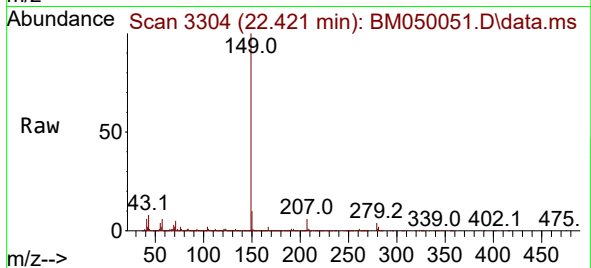




#85
Di-n-octyl phthalate
Concen: 38.085 ng
RT: 22.421 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

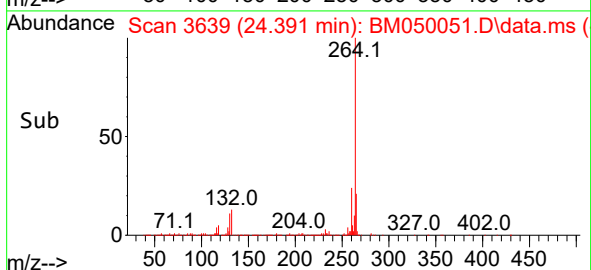
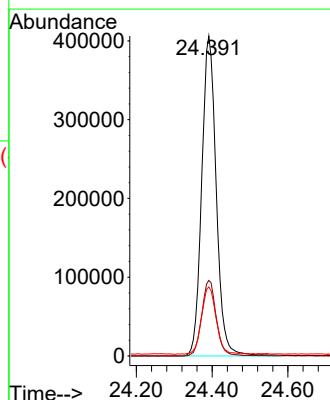
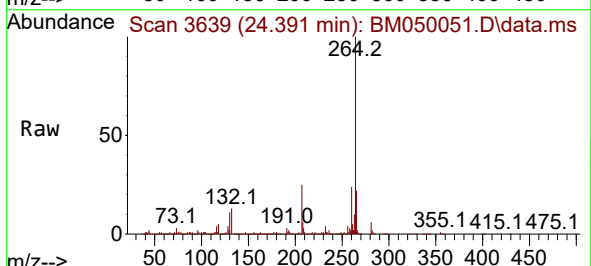
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD

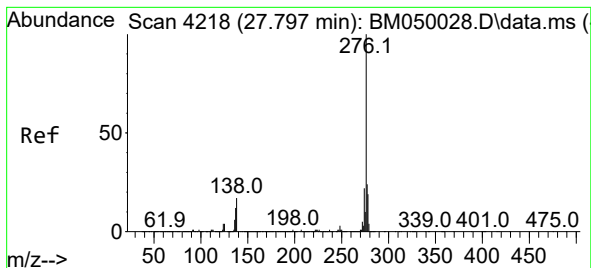
Tgt Ion:149 Resp: 2626805
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.7 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.391 min Scan# 3639
Delta R.T. -0.012 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion:264 Resp: 1079586
Ion Ratio Lower Upper
264 100
260 23.6 18.8 28.2
265 21.6 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.453 ng

RT: 27.785 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM050051.D

Acq: 30 Apr 2025 18:41

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD

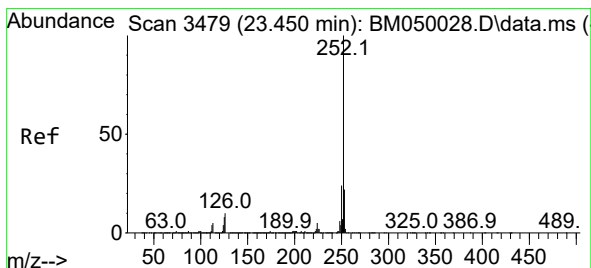
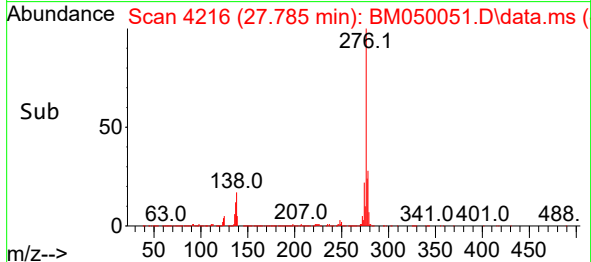
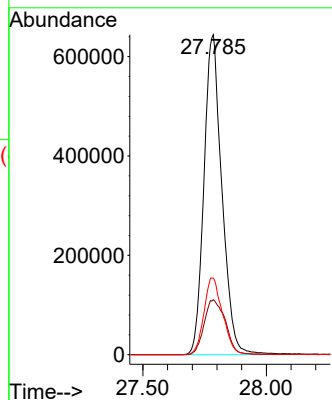
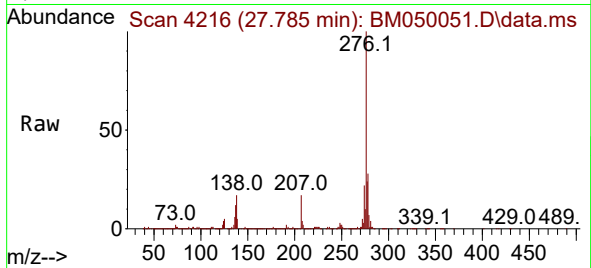
Tgt Ion:276 Resp: 3254161

Ion Ratio Lower Upper

276 100

138 20.4 16.4 24.6

277 25.0 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 37.475 ng

RT: 23.444 min Scan# 3478

Delta R.T. -0.006 min

Lab File: BM050051.D

Acq: 30 Apr 2025 18:41

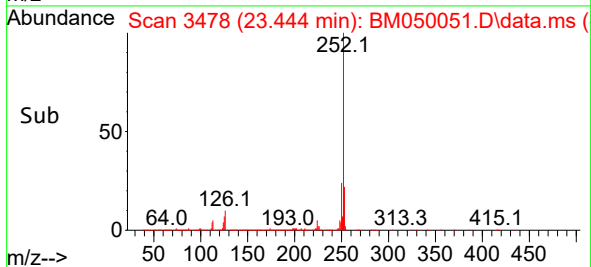
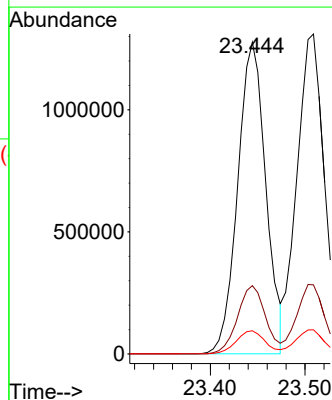
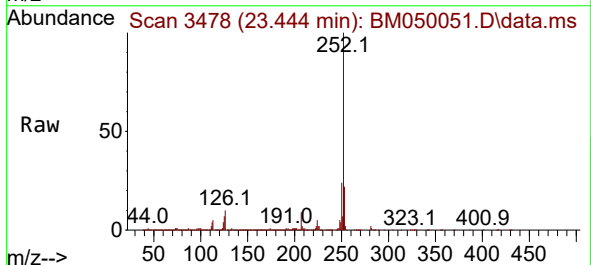
Tgt Ion:252 Resp: 2631049

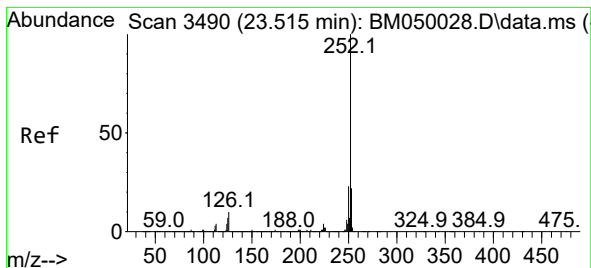
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 7.4 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 37.756 ng

RT: 23.509 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM050051.D

Acq: 30 Apr 2025 18:41

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD

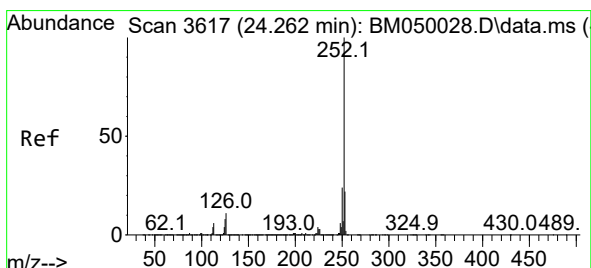
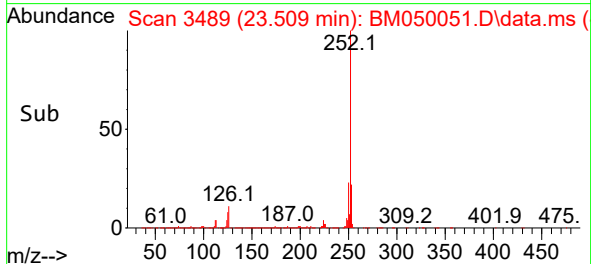
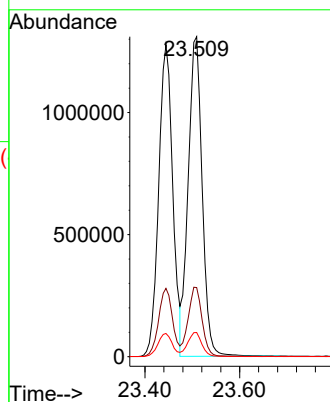
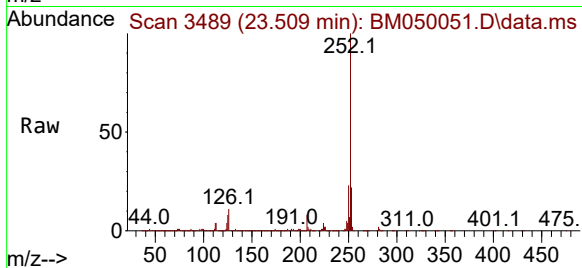
Tgt Ion:252 Resp: 2681396

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 7.6 5.8 8.8



#90

Benzo(a)pyrene

Concen: 37.988 ng

RT: 24.250 min Scan# 3615

Delta R.T. -0.012 min

Lab File: BM050051.D

Acq: 30 Apr 2025 18:41

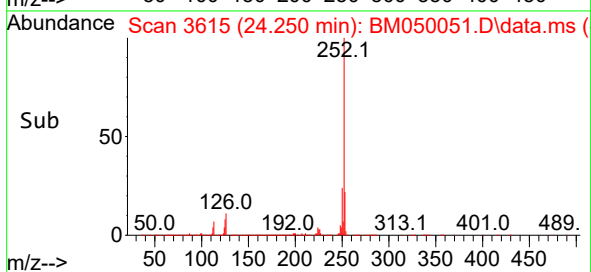
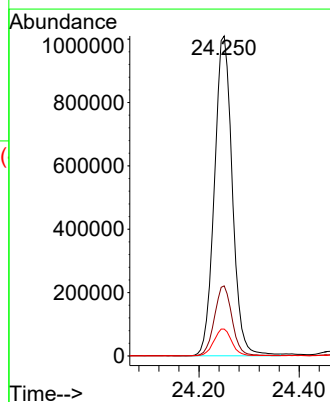
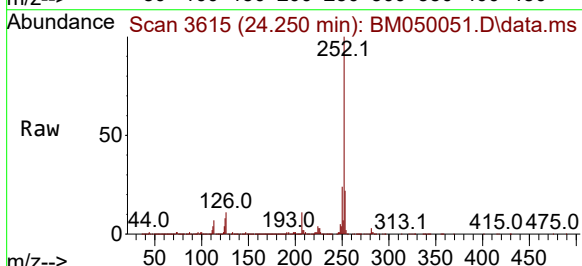
Tgt Ion:252 Resp: 2498009

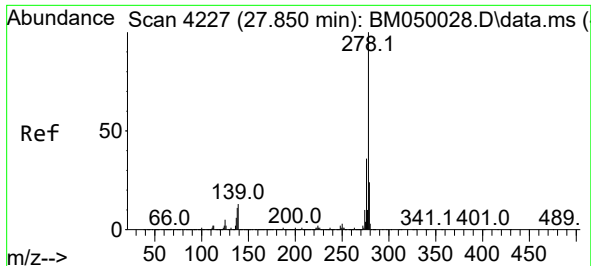
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 8.4 6.6 9.8

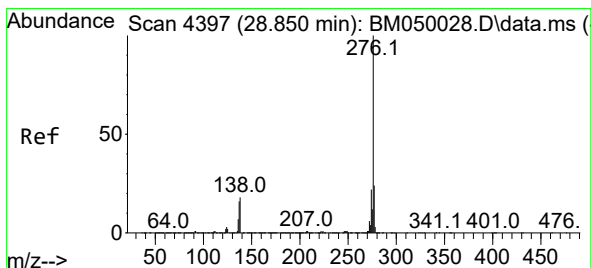
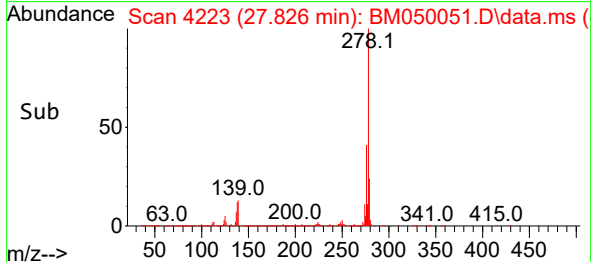
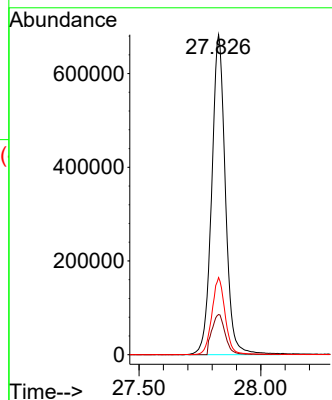
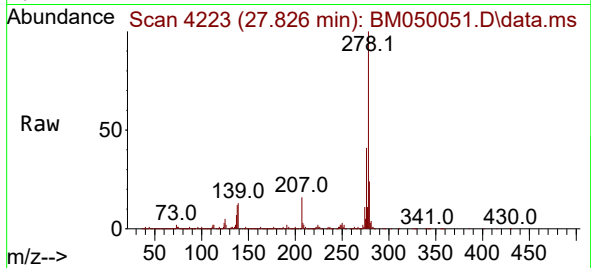




#91
Dibenzo(a,h)anthracene
Concen: 40.625 ng
RT: 27.826 min Scan# 41
Delta R.T. -0.024 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Instrument :
BNA_M
ClientSampleId :
COMP-2MSD

Tgt Ion:278 Resp: 2663917
Ion Ratio Lower Upper
278 100
139 12.5 10.5 15.7
279 24.1 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 40.801 ng
RT: 28.832 min Scan# 4394
Delta R.T. -0.018 min
Lab File: BM050051.D
Acq: 30 Apr 2025 18:41

Tgt Ion:276 Resp: 2561403
Ion Ratio Lower Upper
276 100
277 24.0 19.1 28.7
138 17.1 14.3 21.5

