

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043025\
 Data File : BM050054.D
 Acq On : 30 Apr 2025 21:18
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: May 01 02:19:18 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	250618	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	921090	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	604340	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1166692	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1168652	20.000	ng	0.00
86) Perylene-d12	24.391	264	1090575	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1249147	87.278	ng	0.00
7) Phenol-d6	6.945	99	1607649	89.370	ng	0.00
23) Nitrobenzene-d5	8.922	82	1691371	90.485	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	773379	86.547	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	4596002	89.966	ng	0.00
79) Terphenyl-d14	19.780	244	7457359	94.425	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.252	88	265972	43.342	ng 98
3) Pyridine	3.652	79	699220	44.347	ng 96
4) n-Nitrosodimethylamine	3.563	42	283346	45.820	ng 98
6) Aniline	7.093	93	991244	43.638	ng 97
8) 2-Chlorophenol	7.334	128	654593	42.301	ng 97
9) Benzaldehyde	6.904	77	530918	44.103	ng 97
10) Phenol	6.975	94	801896	44.035	ng 99
11) bis(2-Chloroethyl)ether	7.187	93	659256	43.354	ng 97
12) 1,3-Dichlorobenzene	7.651	146	787890	42.149	ng 97
13) 1,4-Dichlorobenzene	7.798	146	795214	42.345	ng 100
14) 1,2-Dichlorobenzene	8.116	146	767893	42.331	ng 99
15) Benzyl Alcohol	8.010	79	551565	44.214	ng 96
16) 2,2'-oxybis(1-Chloropr...	8.287	45	833405	45.087	ng 98
17) 2-Methylphenol	8.216	107	520911	43.421	ng 98
18) Hexachloroethane	8.839	117	288124	43.160	ng 98
19) n-Nitroso-di-n-propyla...	8.569	70	524187	45.435	ng 97
20) 3+4-Methylphenols	8.545	107	708427	43.728	ng 97
22) Acetophenone	8.587	105	1006099	43.935	ng # 99
24) Nitrobenzene	8.963	77	723338	44.754	ng 97
25) Isophorone	9.492	82	1387820	43.556	ng 98
26) 2-Nitrophenol	9.675	139	359461	43.534	ng 95
27) 2,4-Dimethylphenol	9.745	122	591564	43.202	ng 97
28) bis(2-Chloroethoxy)met...	9.969	93	862259	43.783	ng 99
29) 2,4-Dichlorophenol	10.222	162	659221	42.973	ng 100
30) 1,2,4-Trichlorobenzene	10.422	180	790792	42.311	ng 99
31) Naphthalene	10.604	128	1990173	42.665	ng 100
32) Benzoic acid	9.910	122	343697	39.245	ng 98
33) 4-Chloroaniline	10.722	127	828496	43.332	ng 98
34) Hexachlorobutadiene	10.892	225	502308	42.339	ng 100
35) Caprolactam	11.516	113	183948	41.126	ng 88
36) 4-Chloro-3-methylphenol	11.863	107	605344	42.712	ng 98
37) 2-Methylnaphthalene	12.222	142	1313225	41.991	ng 99
38) 1-Methylnaphthalene	12.439	142	1389492	41.983	ng 99
40) 1,2,4,5-Tetrachloroben...	12.598	216	906338	43.323	ng 99
41) Hexachlorocyclopentadiene	12.575	237	541225	42.333	ng 99
43) 2,4,6-Trichlorophenol	12.845	196	575908	43.402	ng 100

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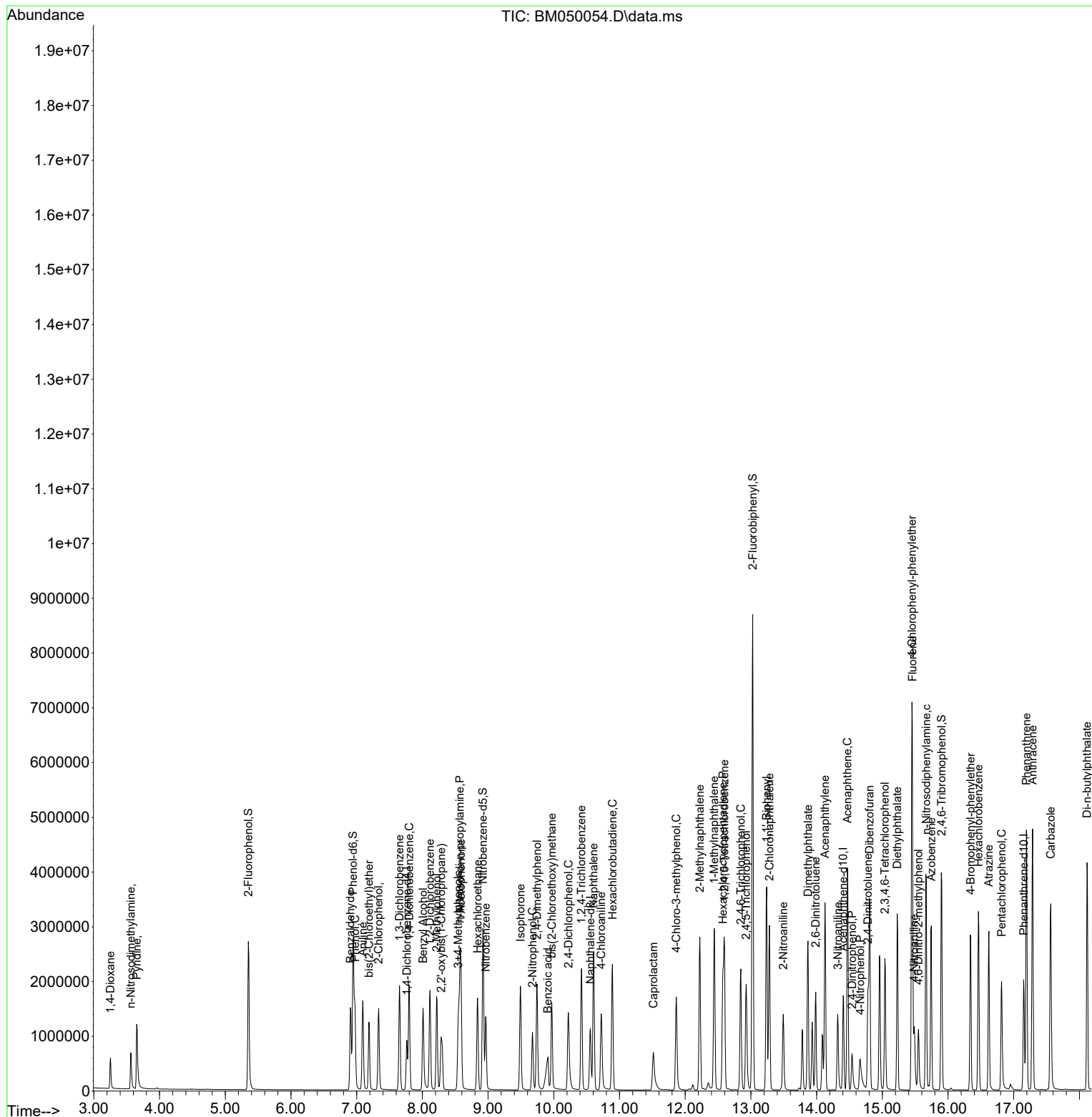
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.927	196	623048	43.543	ng	98
46) 1,1'-Biphenyl	13.239	154	1943705	43.267	ng	99
47) 2-Chloronaphthalene	13.280	162	1526471	42.903	ng	99
48) 2-Nitroaniline	13.492	65	382749	45.835	ng	94
49) Acenaphthylene	14.127	152	2391528	42.631	ng	100
50) Dimethylphthalate	13.869	163	1841172	41.688	ng	99
51) 2,6-Dinitrotoluene	13.986	165	388032	42.434	ng	92
52) Acenaphthene	14.469	154	1399364	43.095	ng	99
53) 3-Nitroaniline	14.321	138	377093	43.194	ng	95
54) 2,4-Dinitrophenol	14.539	184	193787	36.480	ng	96
55) Dibenzofuran	14.804	168	2293685	42.455	ng	98
56) 4-Nitrophenol	14.663	139	262090	39.344	ng	94
57) 2,4-Dinitrotoluene	14.780	165	550318	43.553	ng	96
58) Fluorene	15.457	166	1965792	44.454	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.039	232	528006	42.630	ng	99
60) Diethylphthalate	15.227	149	1754483	42.159	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	1074604	44.242	ng	100
62) 4-Nitroaniline	15.486	138	371888	44.151	ng	93
63) Azobenzene	15.745	77	1575149	45.162	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	298765	40.910	ng	95
66) n-Nitrosodiphenylamine	15.668	169	1579781	44.096	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	605929	42.948	ng	97
68) Hexachlorobenzene	16.463	284	691946	42.547	ng	100
69) Atrazine	16.621	200	557532	43.143	ng	99
70) Pentachlorophenol	16.815	266	398945	43.580	ng	99
71) Phenanthrene	17.192	178	2875342	43.696	ng	100
72) Anthracene	17.286	178	2933517	44.052	ng	99
73) Carbazole	17.562	167	2486964	43.038	ng	100
74) Di-n-butylphthalate	18.115	149	2993002	43.493	ng	99
75) Fluoranthene	19.215	202	3352057	43.389	ng	99
77) Benzidine	19.398	184	1639286	39.490	ng	100
78) Pyrene	19.574	202	3495020	42.588	ng	100
80) Butylbenzylphthalate	20.474	149	1279659	41.632	ng	96
81) Benzo(a)anthracene	21.374	228	3499337	43.483	ng	99
82) 3,3'-Dichlorobenzidine	21.297	252	1309088	42.493	ng	99
83) Chrysene	21.439	228	3171890	42.586	ng	100
84) Bis(2-ethylhexyl)phtha...	21.292	149	2000776	43.580	ng	100
85) Di-n-octyl phthalate	22.421	149	3086707	40.768	ng	98
87) Indeno(1,2,3-cd)pyrene	27.774	276	3527144	43.405	ng	99
88) Benzo(b)fluoranthene	23.444	252	3063766	43.198	ng	100
89) Benzo(k)fluoranthene	23.503	252	3169596	44.181	ng	100
90) Benzo(a)pyrene	24.250	252	2861159	43.072	ng	100
91) Dibenzo(a,h)anthracene	27.826	278	2873981	43.386	ng	99
92) Benzo(g,h,i)perylene	28.832	276	2730616	43.058	ng	99

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

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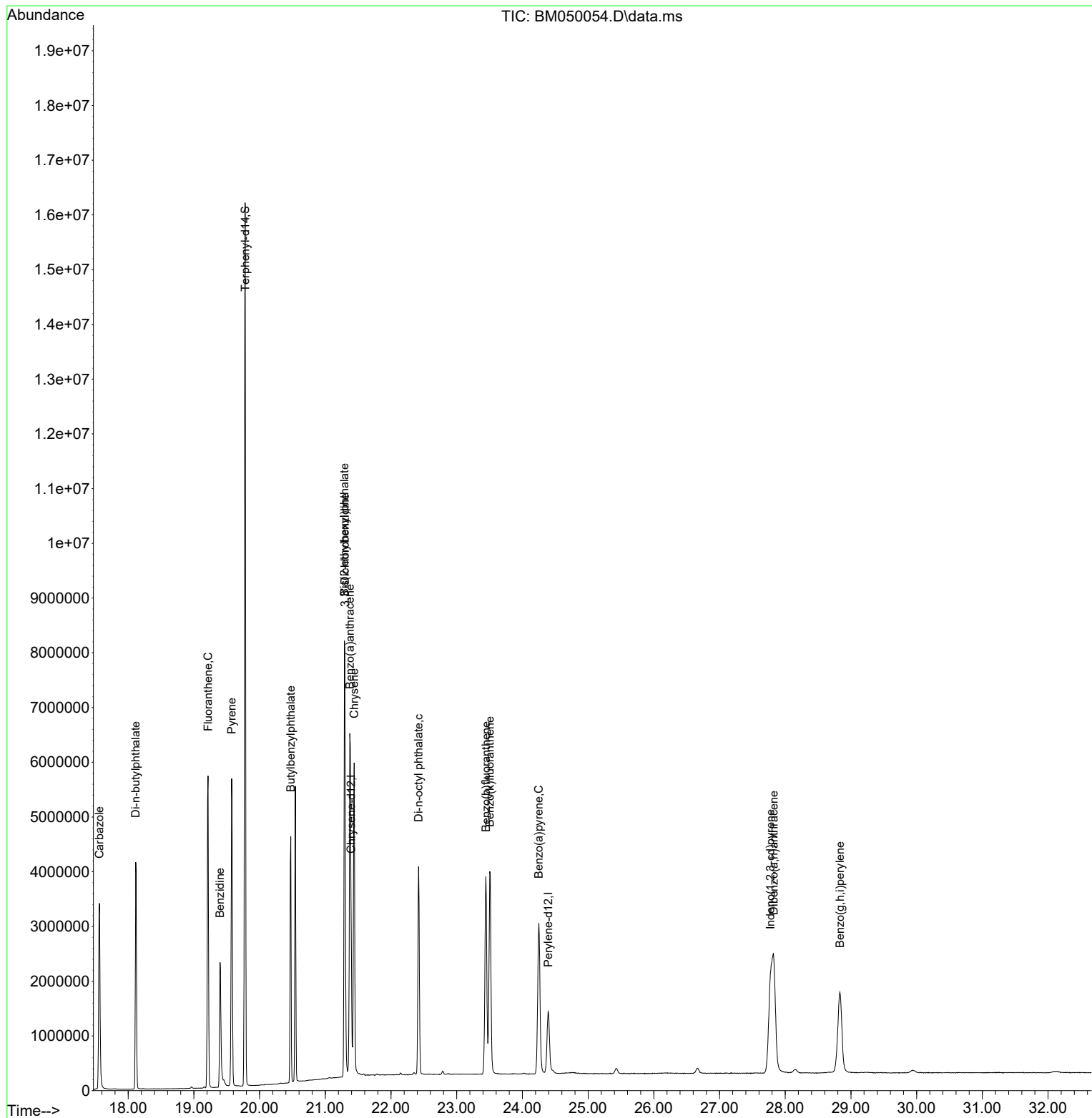
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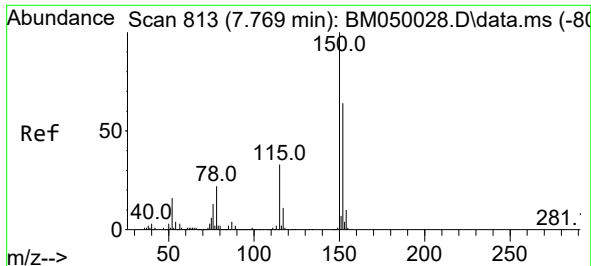


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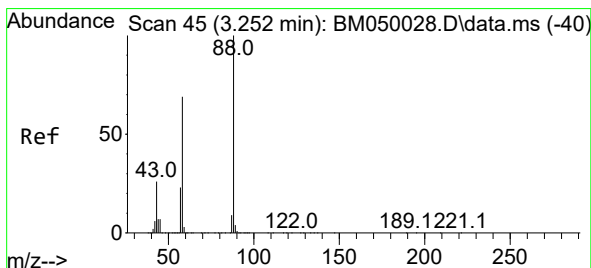
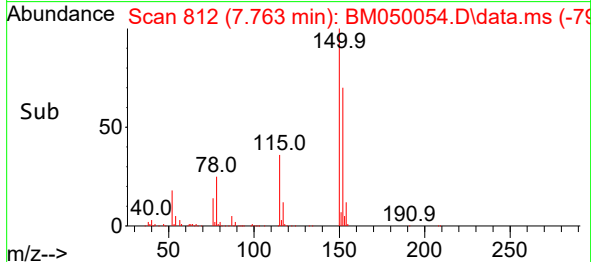
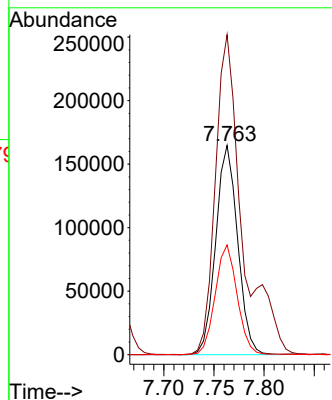
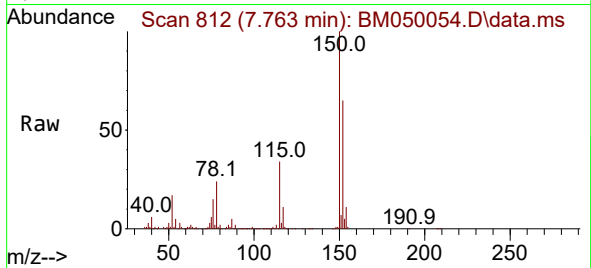




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.763 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM050054.D
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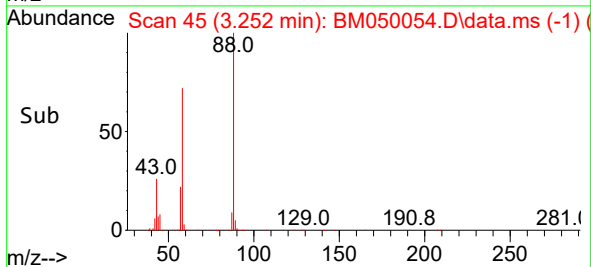
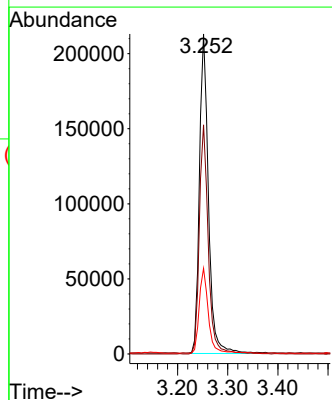
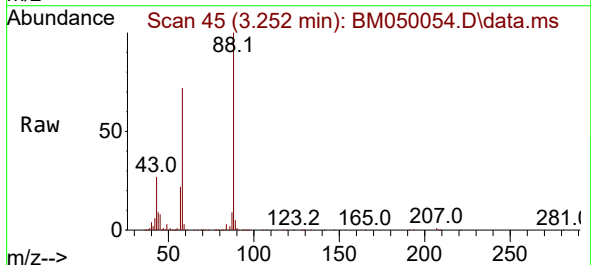
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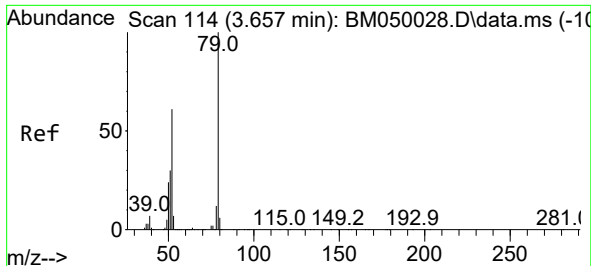
Tgt Ion:152 Resp: 250618
 Ion Ratio Lower Upper
 152 100
 150 152.9 124.1 186.1
 115 52.4 41.2 61.8



#2
 1,4-Dioxane
 Concen: 43.342 ng
 RT: 3.252 min Scan# 45
 Delta R.T. 0.000 min
 Lab File: BM050054.D
 Acq: 30 Apr 2025 21:18

Tgt Ion: 88 Resp: 265972
 Ion Ratio Lower Upper
 88 100
 58 71.0 55.1 82.7
 43 26.8 20.9 31.3

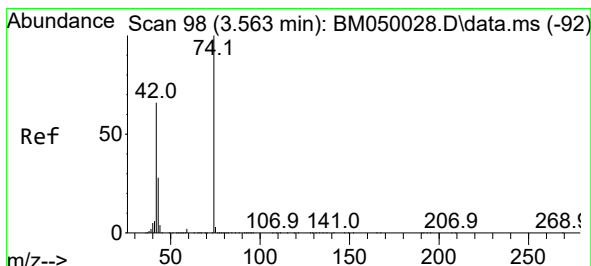
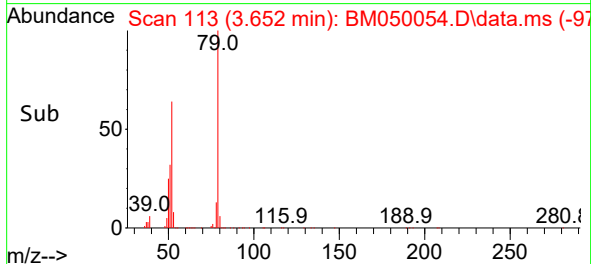
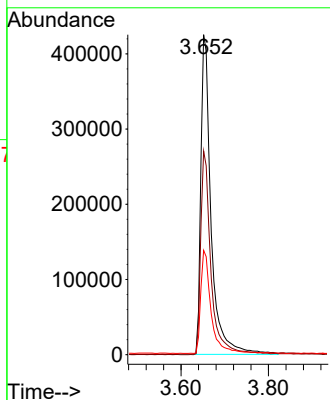
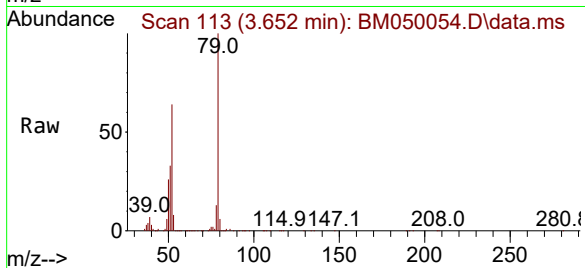




#3
Pyridine
Concen: 44.347 ng
RT: 3.652 min Scan# 114
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

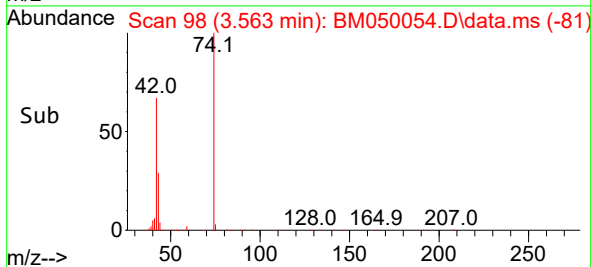
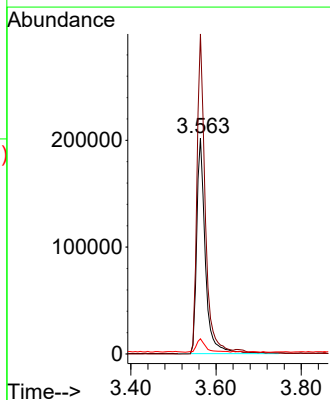
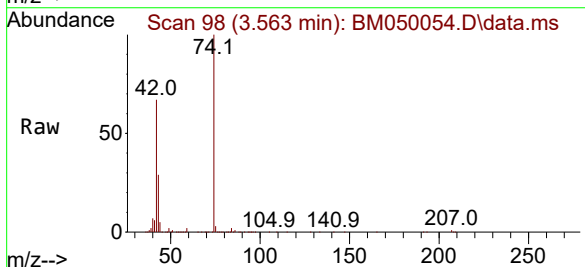
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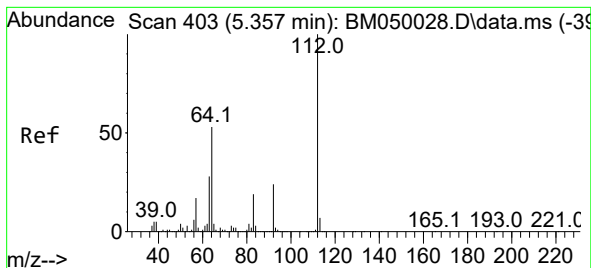
Tgt Ion: 79 Resp: 699220
Ion Ratio Lower Upper
79 100
52 63.6 48.6 72.8
51 32.6 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 45.820 ng
RT: 3.563 min Scan# 98
Delta R.T. 0.000 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

Tgt Ion: 42 Resp: 283346
Ion Ratio Lower Upper
42 100
74 148.2 120.2 180.2
44 7.0 6.2 9.2

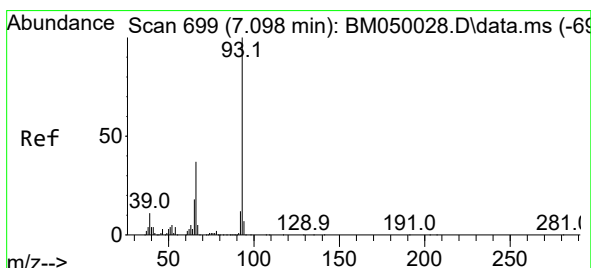
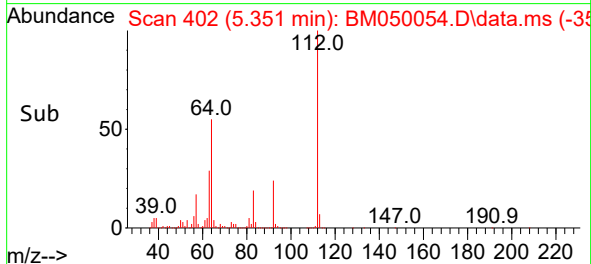
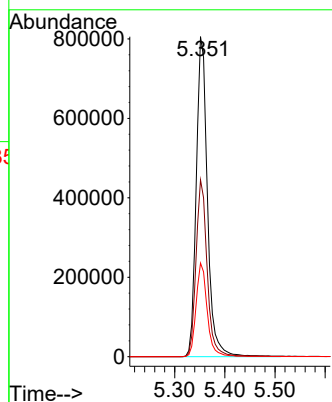
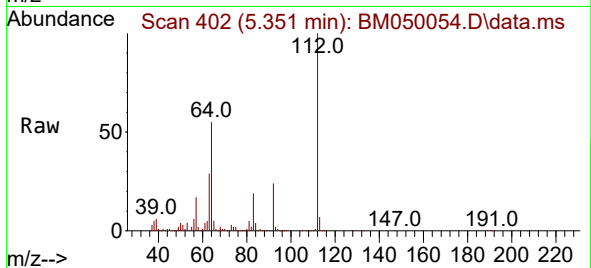




#5
2-Fluorophenol
Concen: 87.278 ng
RT: 5.351 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM050054.D
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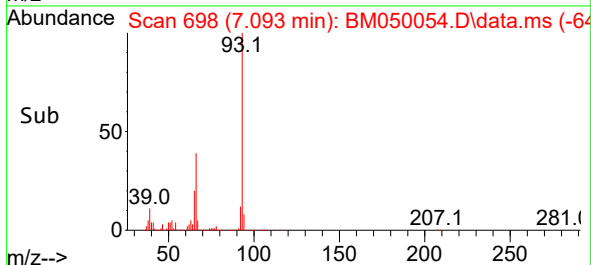
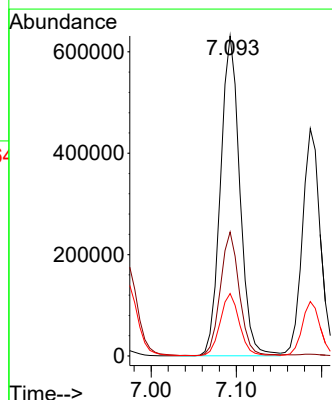
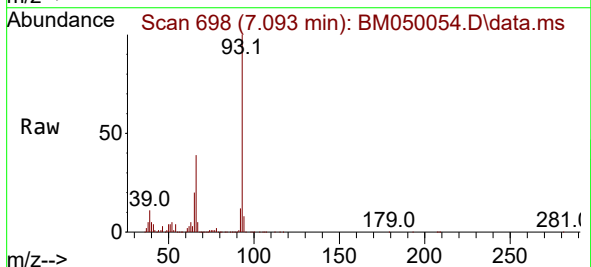
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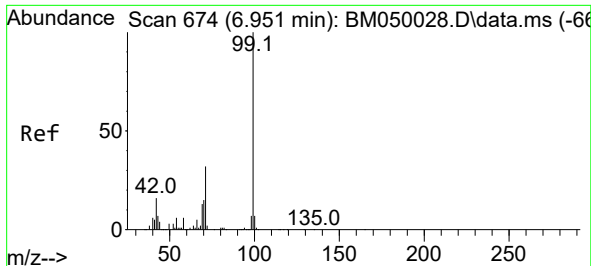
Tgt Ion:112 Resp: 1249147
Ion Ratio Lower Upper
112 100
64 55.3 42.6 64.0
63 29.3 22.2 33.4



#6
Aniline
Concen: 43.638 ng
RT: 7.093 min Scan# 698
Delta R.T. -0.006 min
Lab File: BM050054.D
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Tgt Ion: 93 Resp: 991244
Ion Ratio Lower Upper
93 100
66 38.8 29.9 44.9
65 19.5 14.5 21.7

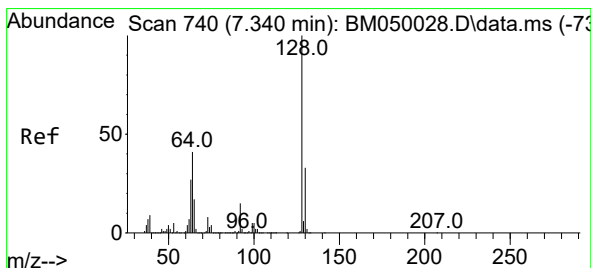
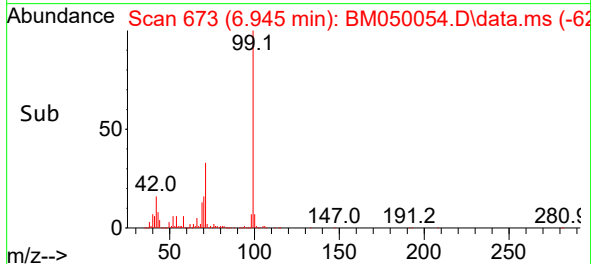
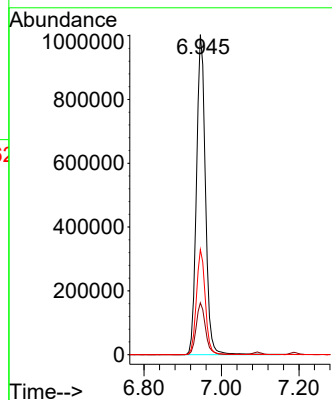
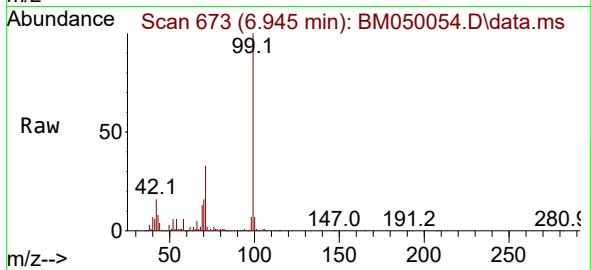




#7
Phenol-d6
Concen: 89.370 ng
RT: 6.945 min Scan# 61
Delta R.T. -0.006 min
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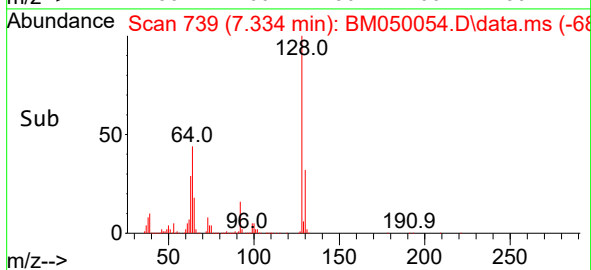
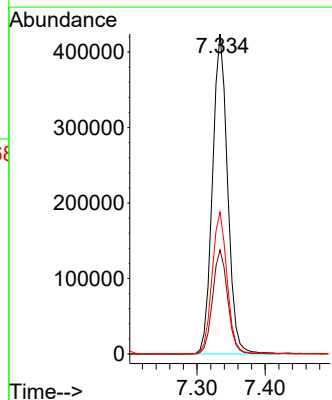
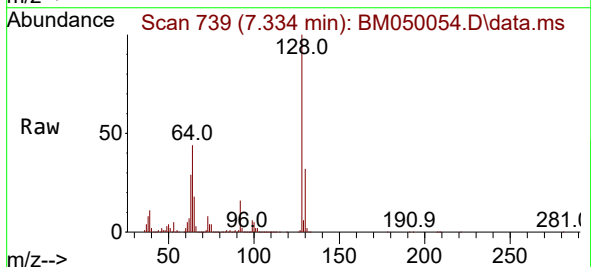
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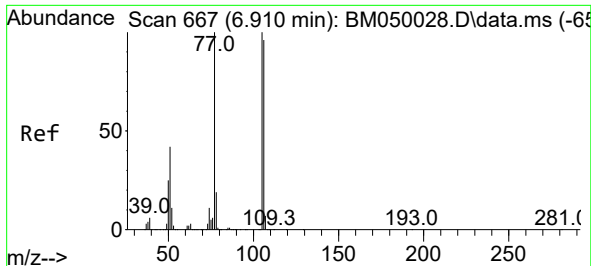
Tgt Ion: 99 Resp: 1607649
Ion Ratio Lower Upper
99 100
42 16.2 13.0 19.4
71 32.8 25.6 38.4



#8
2-Chlorophenol
Concen: 42.301 ng
RT: 7.334 min Scan# 739
Delta R.T. -0.006 min
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Tgt Ion: 128 Resp: 654593
Ion Ratio Lower Upper
128 100
130 32.5 12.8 52.8
64 44.3 21.2 61.2

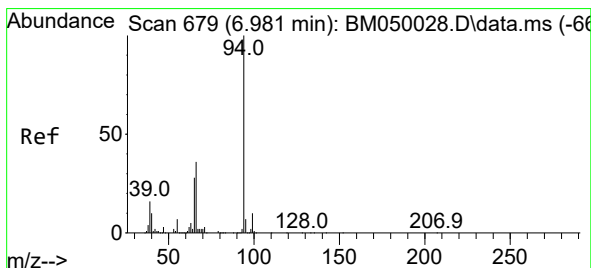
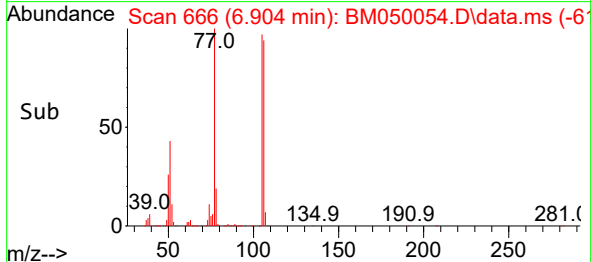
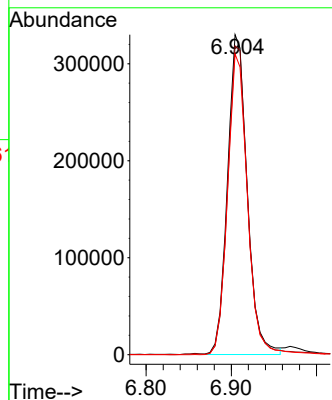
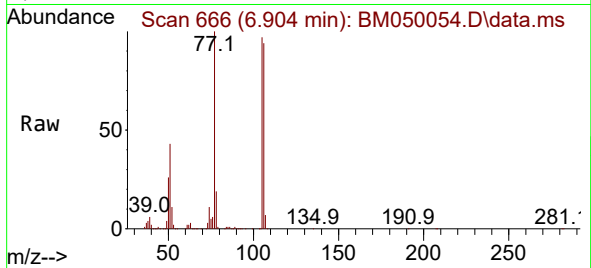




#9
Benzaldehyde
Concen: 44.103 ng
RT: 6.904 min Scan# 666
Delta R.T. -0.006 min
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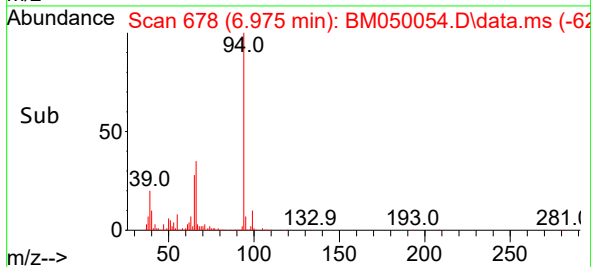
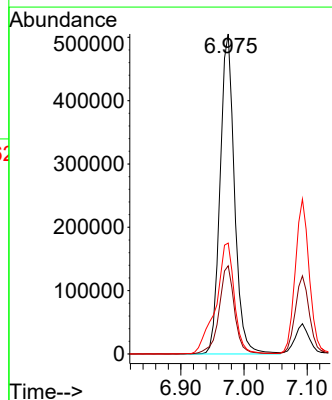
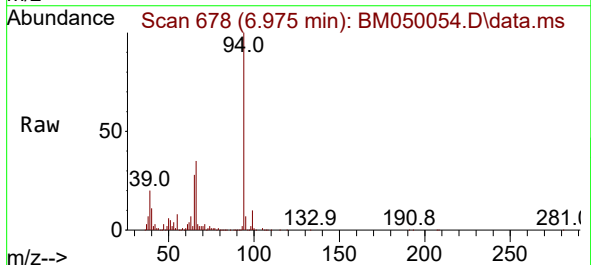
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ClientSampleId :
SSTDCCC040

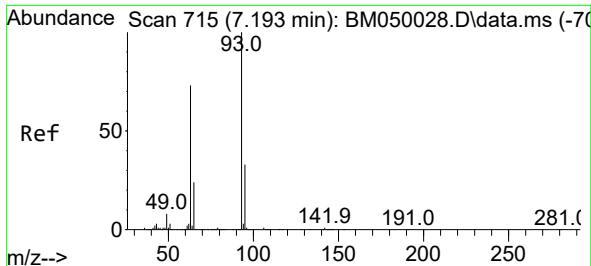
Tgt Ion: 77 Resp: 530918
Ion Ratio Lower Upper
77 100
105 96.5 80.5 120.5
106 94.0 76.1 116.1



#10
Phenol
Concen: 44.035 ng
RT: 6.975 min Scan# 678
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

Tgt Ion: 94 Resp: 801896
Ion Ratio Lower Upper
94 100
65 27.5 7.6 47.6
66 34.7 15.8 55.8

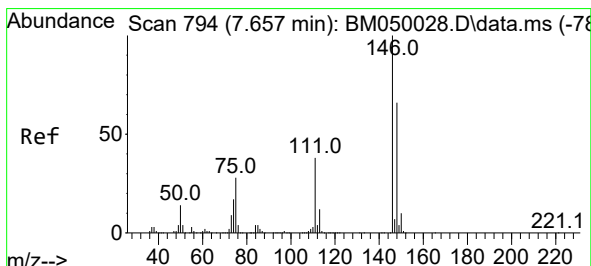
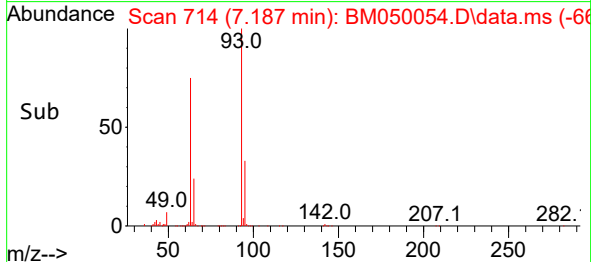
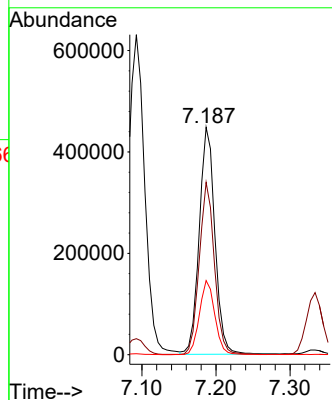
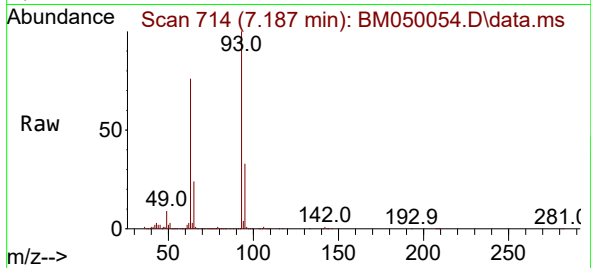




#11
bis(2-Chloroethyl)ether
Concen: 43.354 ng
RT: 7.187 min Scan# 715
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

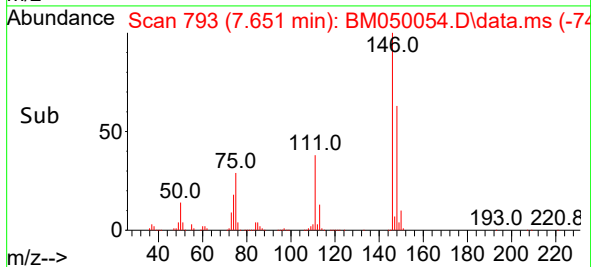
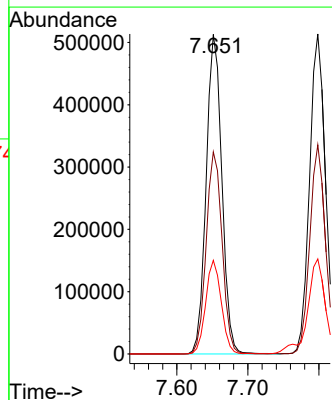
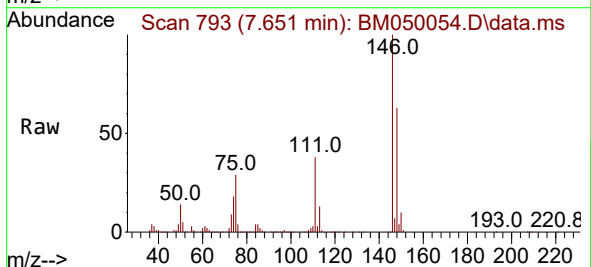
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

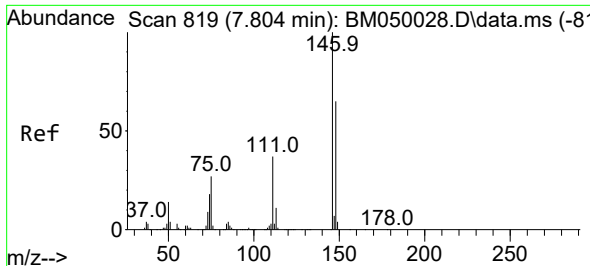
Tgt Ion: 93 Resp: 659256
Ion Ratio Lower Upper
93 100
63 75.8 52.3 92.3
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.149 ng
RT: 7.651 min Scan# 793
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

Tgt Ion:146 Resp: 787890
Ion Ratio Lower Upper
146 100
148 63.3 52.5 78.7
75 29.3 22.6 34.0

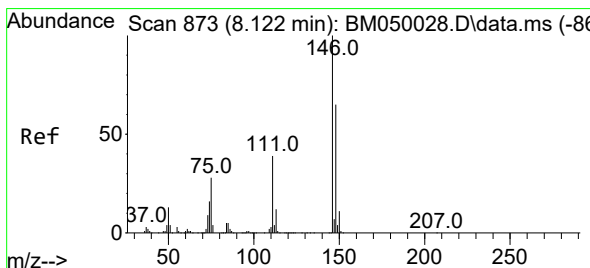
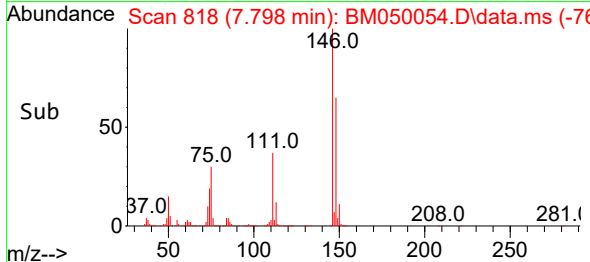
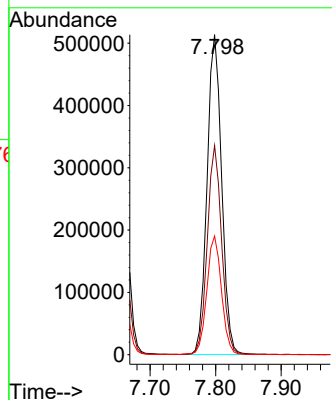
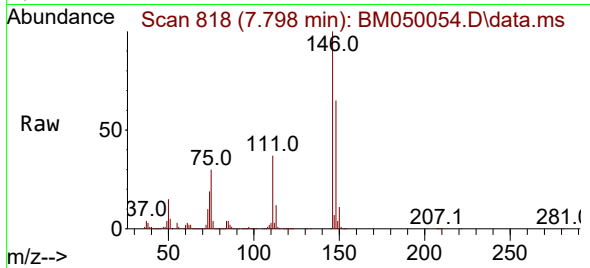




#13
1,4-Dichlorobenzene
Concen: 42.345 ng
RT: 7.798 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

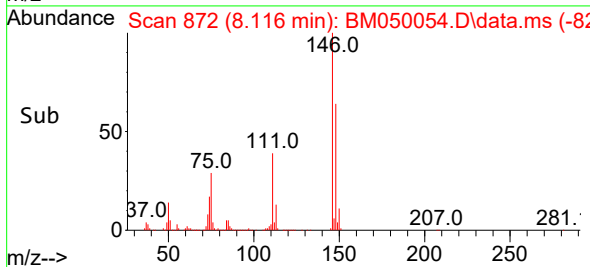
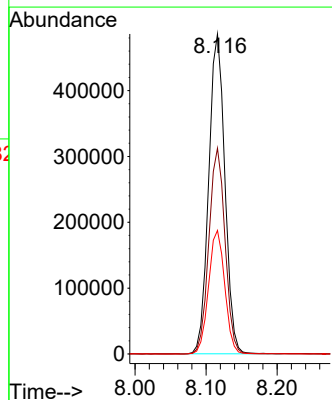
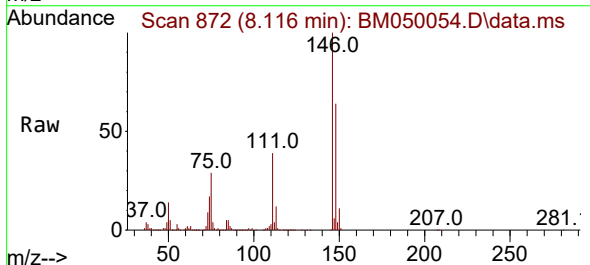
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

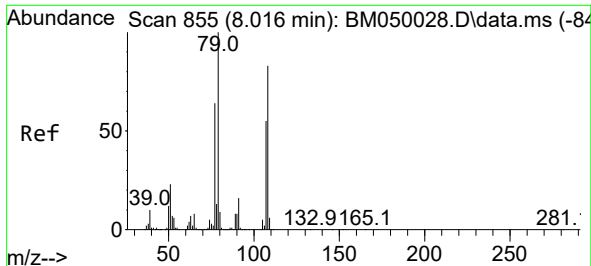
Tgt Ion:146 Resp: 795214
Ion Ratio Lower Upper
146 100
148 65.3 52.2 78.2
111 37.1 29.3 43.9



#14
1,2-Dichlorobenzene
Concen: 42.331 ng
RT: 8.116 min Scan# 872
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

Tgt Ion:146 Resp: 767893
Ion Ratio Lower Upper
146 100
148 64.3 52.4 78.6
111 38.6 31.0 46.6

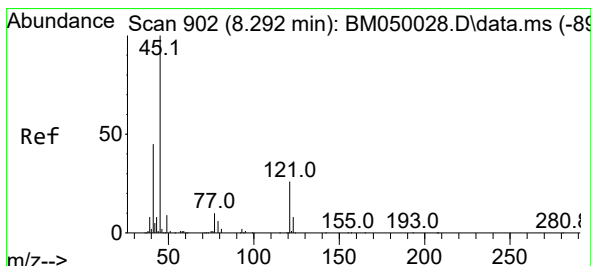
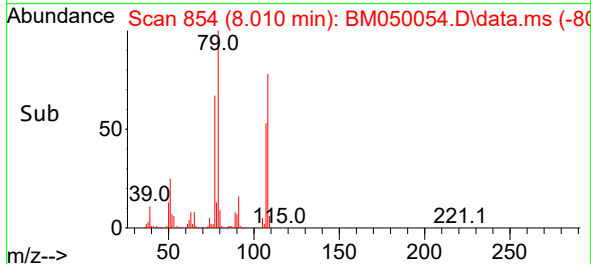
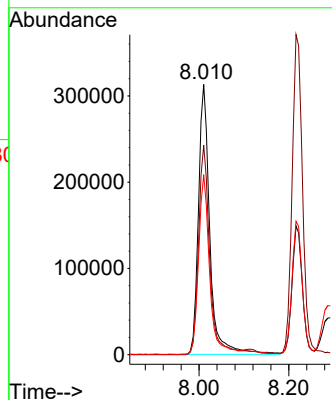
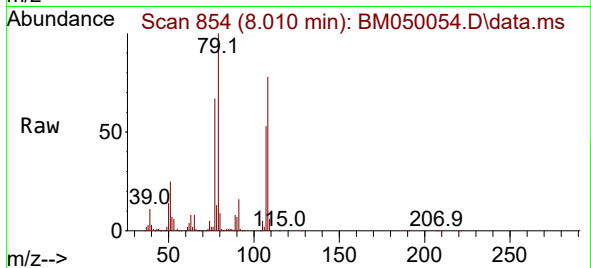




#15
Benzyl Alcohol
Concen: 44.214 ng
RT: 8.010 min Scan# 855
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

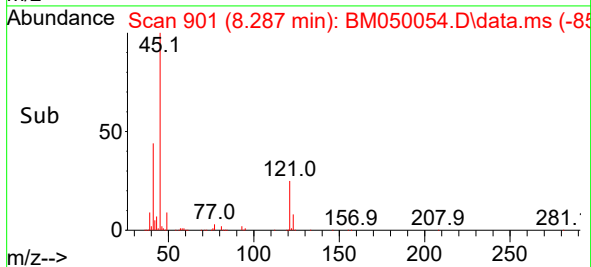
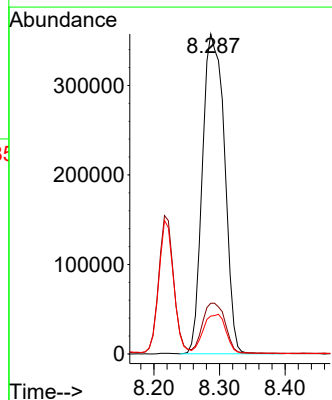
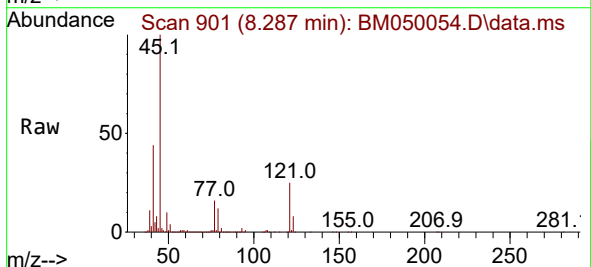
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

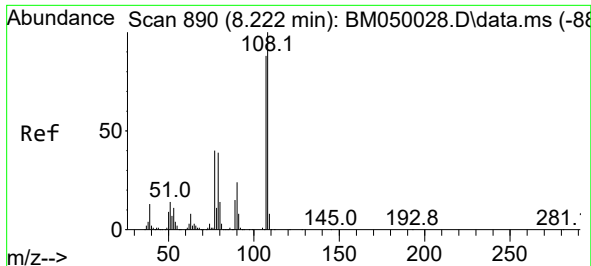
Tgt Ion: 79 Resp: 551565
Ion Ratio Lower Upper
79 100
108 77.5 66.0 99.0
77 66.6 51.6 77.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.087 ng
RT: 8.287 min Scan# 901
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

Tgt Ion: 45 Resp: 833405
Ion Ratio Lower Upper
45 100
77 15.9 0.0 36.4
79 11.9 0.0 32.7



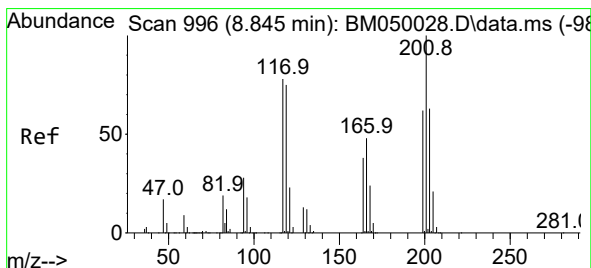
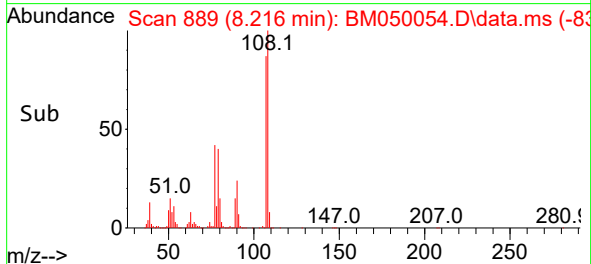
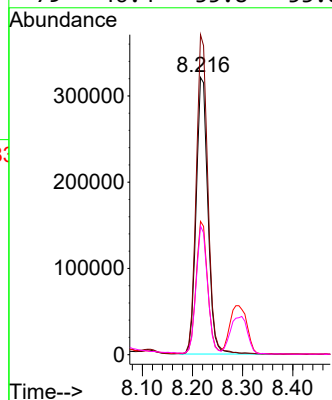
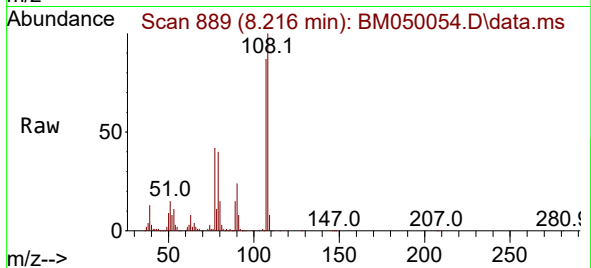


#17
2-Methylphenol
Concen: 43.421 ng
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 520911

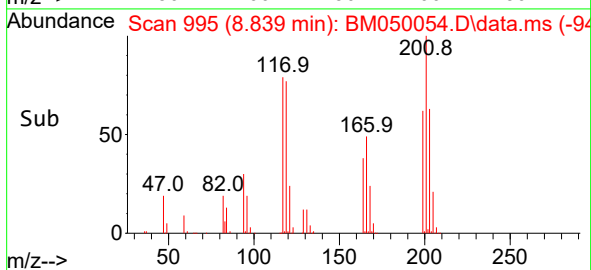
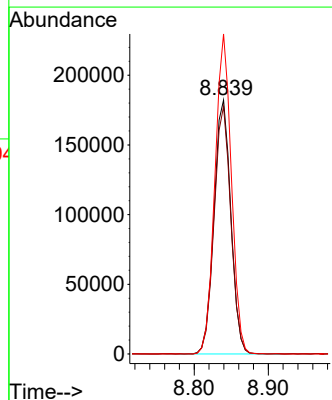
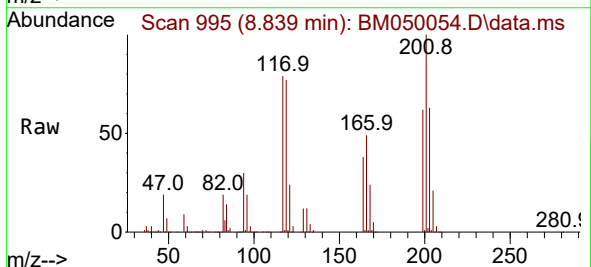
Ion	Ratio	Lower	Upper
107	100		
108	115.4	91.1	136.7
77	48.1	36.2	54.4
79	46.4	35.8	53.8

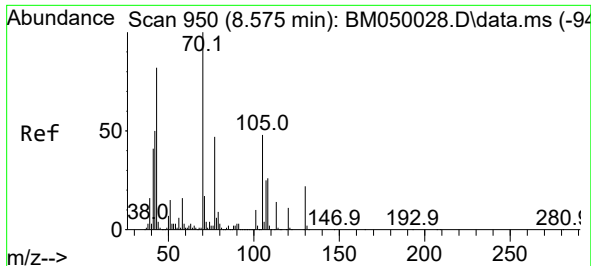


#18
Hexachloroethane
Concen: 43.160 ng
RT: 8.839 min Scan# 995
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

Tgt Ion:117 Resp: 288124

Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.3	115.9
201	126.0	102.8	154.2





#19

n-Nitroso-di-n-propylamine

Concen: 45.435 ng

RT: 8.569 min Scan# 949

Delta R.T. -0.006 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 524187

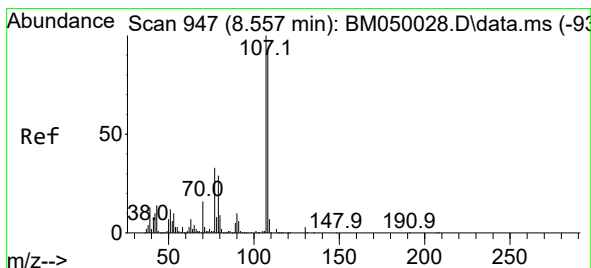
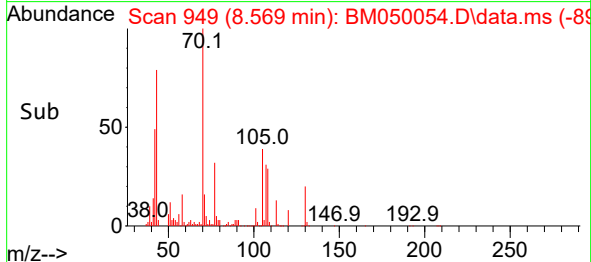
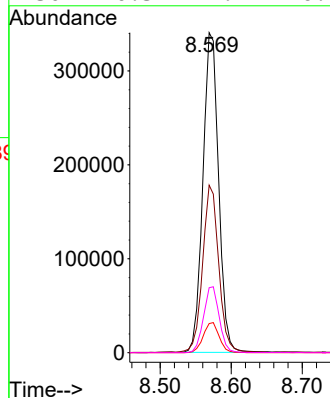
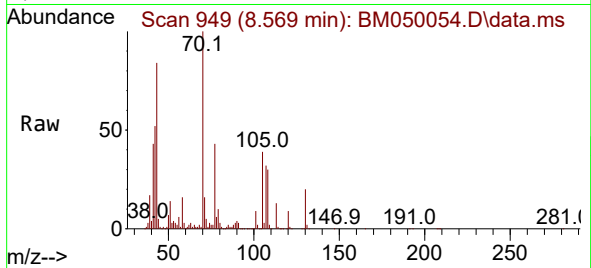
Ion Ratio Lower Upper

70 100

42 52.4 40.5 60.7

101 9.1 7.8 11.6

130 20.3 17.4 26.2



#20

3+4-Methylphenols

Concen: 43.728 ng

RT: 8.545 min Scan# 945

Delta R.T. -0.012 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

Tgt Ion: 107 Resp: 708427

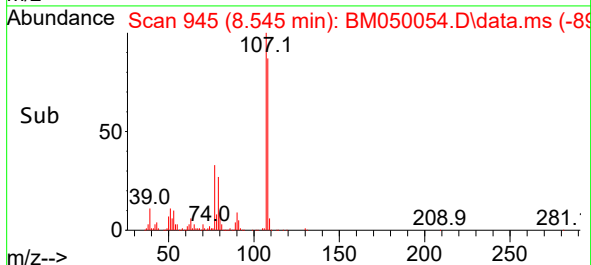
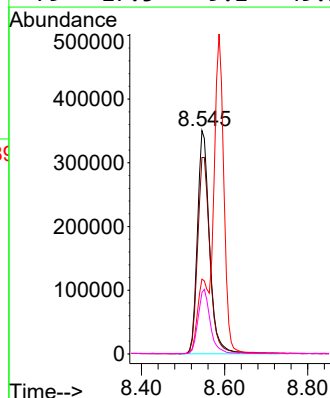
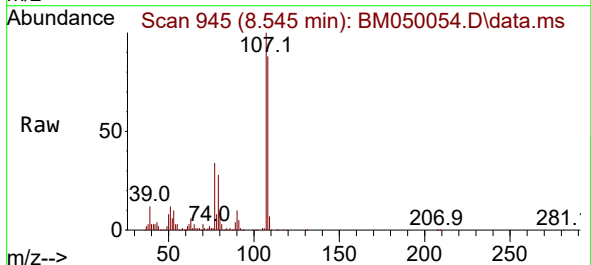
Ion Ratio Lower Upper

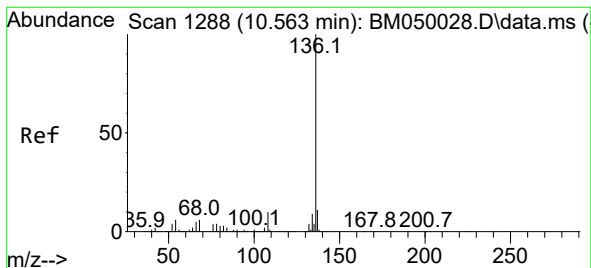
107 100

108 87.9 72.4 112.4

77 33.5 13.6 53.6

79 27.5 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: BM050054.D

Acq: 30 Apr 2025 21:18

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 921090

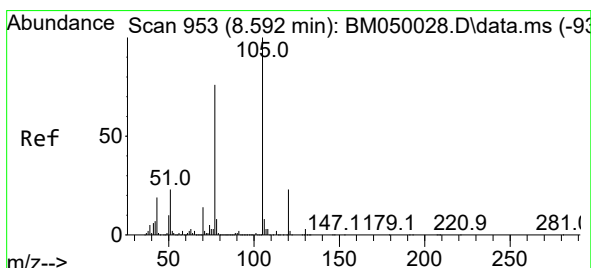
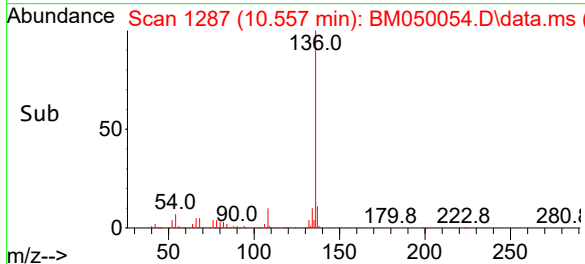
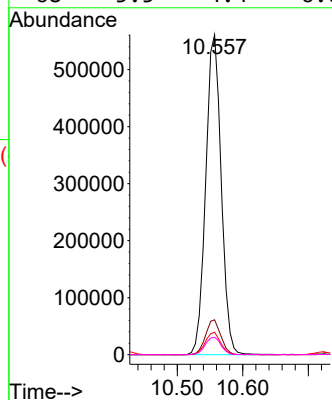
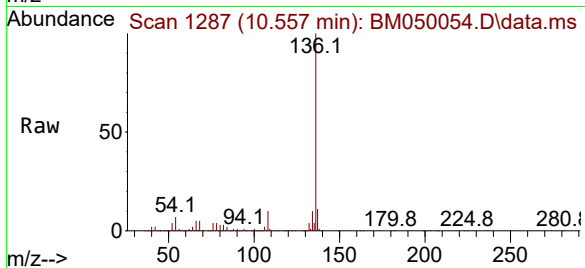
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.0 5.1 7.7

68 5.5 4.4 6.6



#22

Acetophenone

Concen: 43.935 ng

RT: 8.587 min Scan# 952

Delta R.T. -0.006 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

Tgt Ion:105 Resp: 1006099

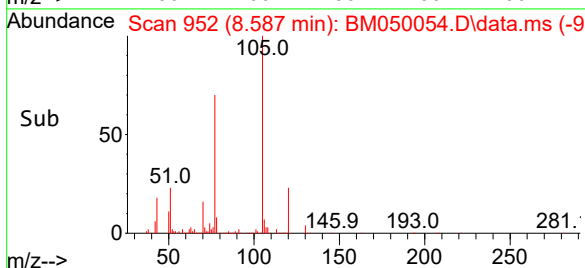
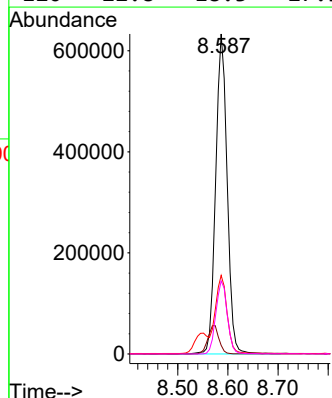
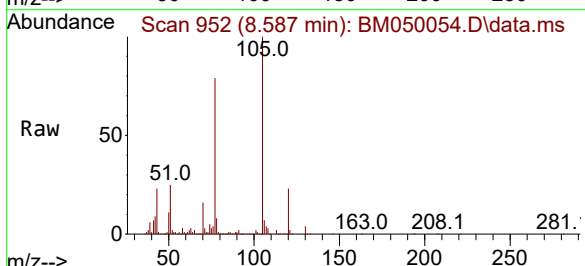
Ion Ratio Lower Upper

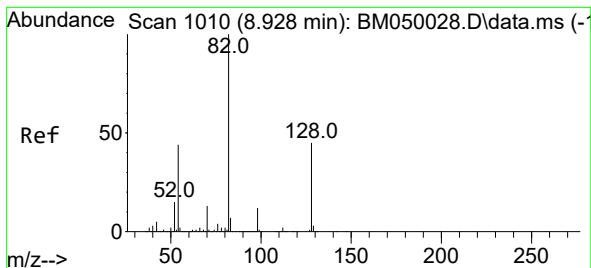
105 100

71 2.7 1.7 2.5#

51 24.5 18.6 27.8

120 22.8 18.3 27.5

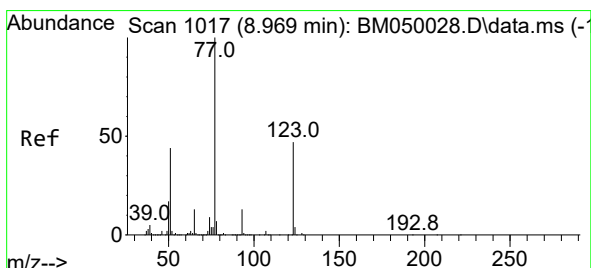
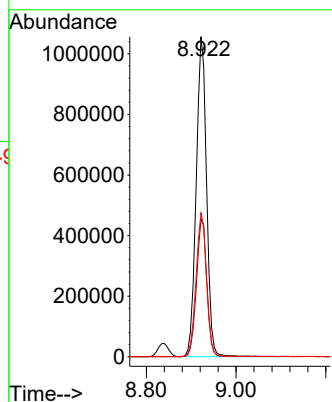
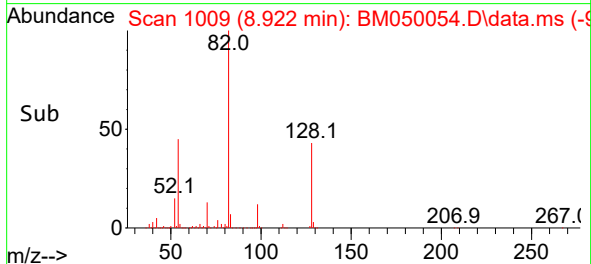
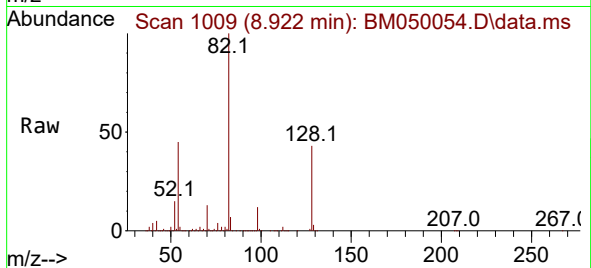




#23
Nitrobenzene-d5
Concen: 90.485 ng
RT: 8.922 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

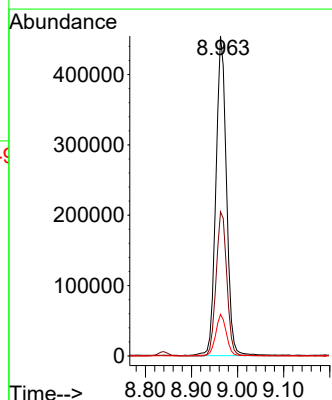
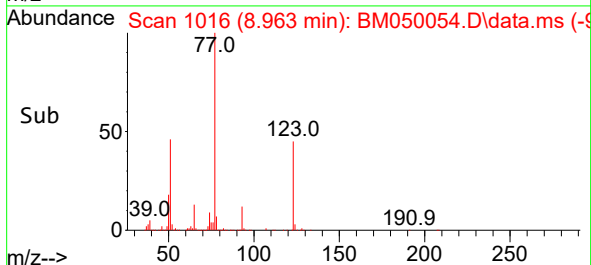
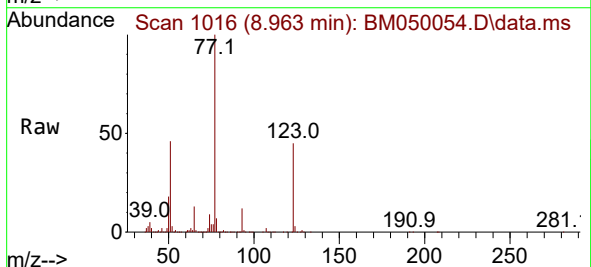
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

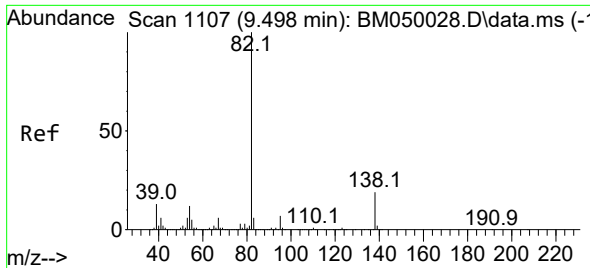
Tgt Ion: 82 Resp: 1691371
Ion Ratio Lower Upper
82 100
128 43.1 35.7 53.5
54 44.9 35.4 53.2



#24
Nitrobenzene
Concen: 44.754 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

Tgt Ion: 77 Resp: 723338
Ion Ratio Lower Upper
77 100
123 45.0 37.9 56.9
65 13.0 10.1 15.1

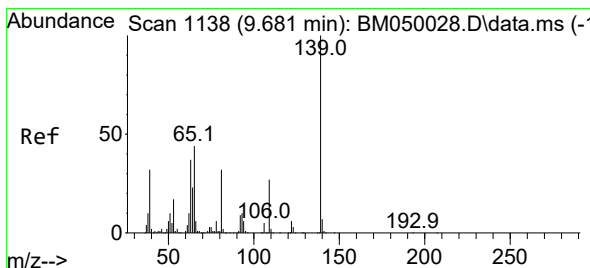
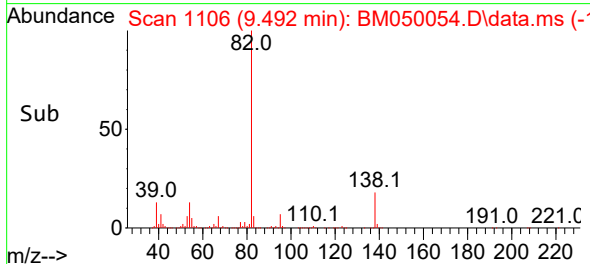
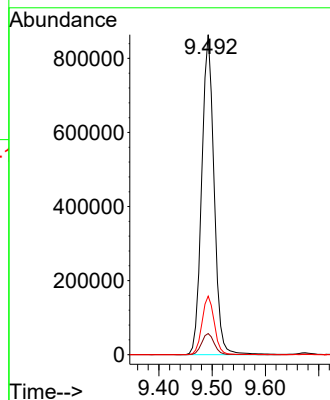
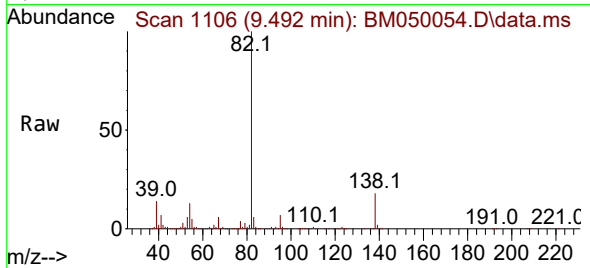




#25
Isophorone
Concen: 43.556 ng
RT: 9.492 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

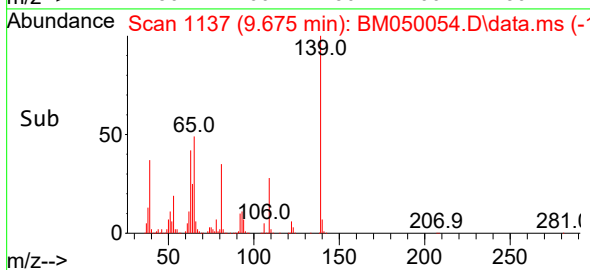
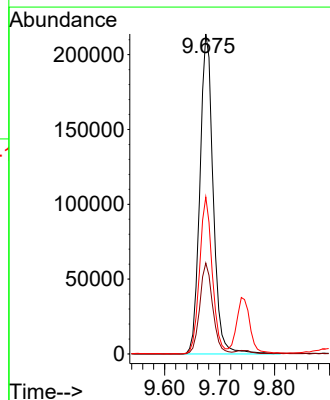
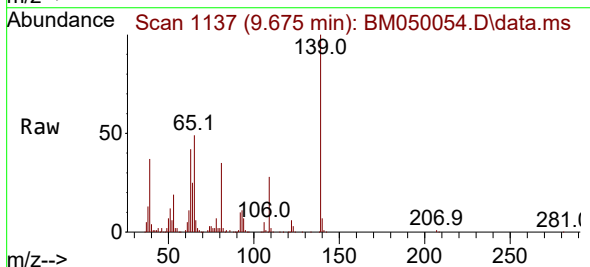
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

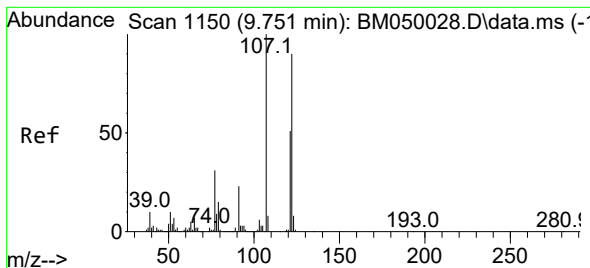
Tgt Ion: 82 Resp: 1387820
Ion Ratio Lower Upper
82 100
95 6.6 5.7 8.5
138 18.3 15.5 23.3



#26
2-Nitrophenol
Concen: 43.534 ng
RT: 9.675 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

Tgt Ion:139 Resp: 359461
Ion Ratio Lower Upper
139 100
109 28.4 21.9 32.9
65 49.1 35.4 53.2

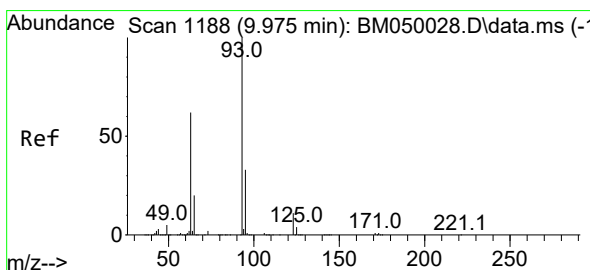
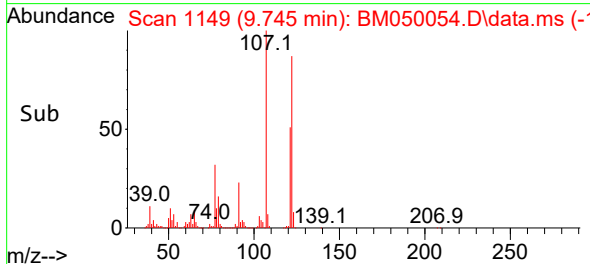
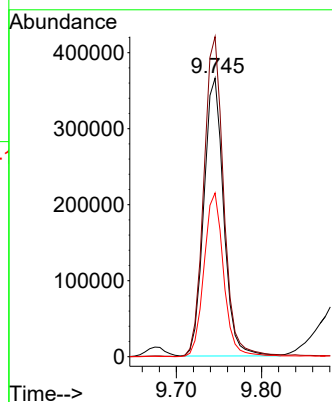
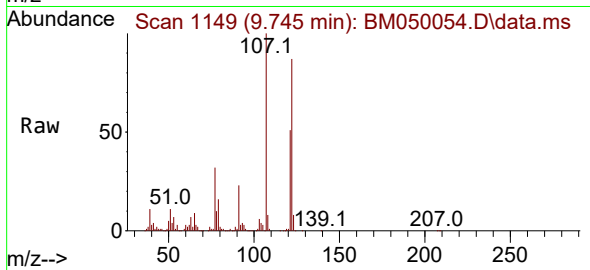




#27
2,4-Dimethylphenol
Concen: 43.202 ng
RT: 9.745 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

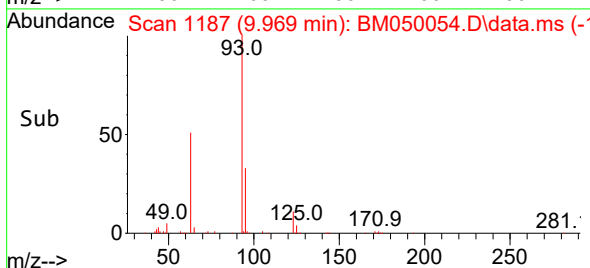
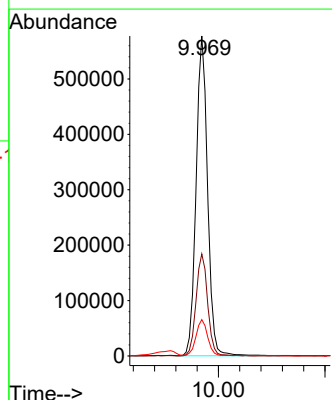
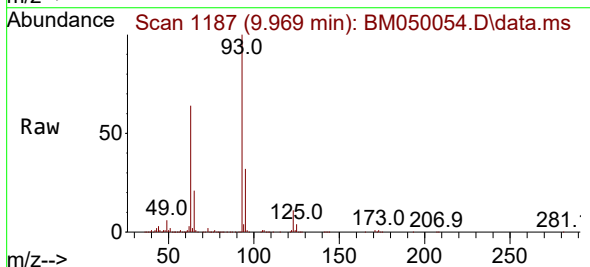
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

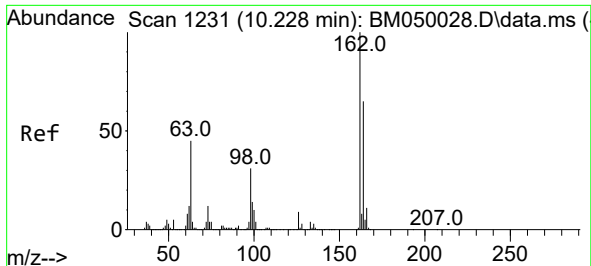
Tgt Ion:122 Resp: 591564
Ion Ratio Lower Upper
122 100
107 114.9 89.0 133.6
121 58.8 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 43.783 ng
RT: 9.969 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

Tgt Ion: 93 Resp: 862259
Ion Ratio Lower Upper
93 100
95 31.9 26.1 39.1
123 11.4 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 42.973 ng

RT: 10.222 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

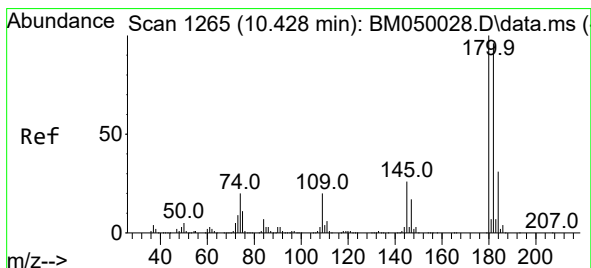
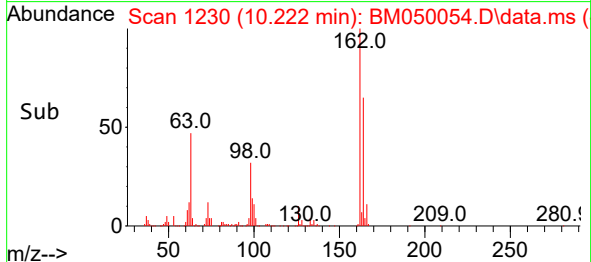
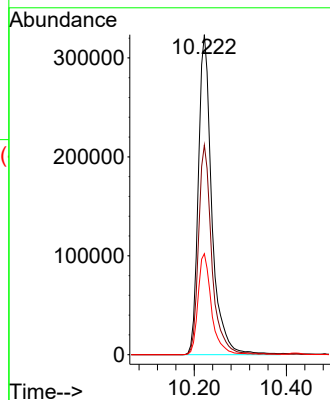
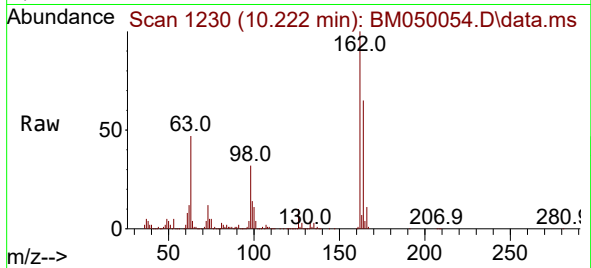
Tgt Ion:162 Resp: 659221

Ion Ratio Lower Upper

162 100

164 65.5 45.4 85.4

98 31.6 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 42.311 ng

RT: 10.422 min Scan# 1264

Delta R.T. -0.006 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

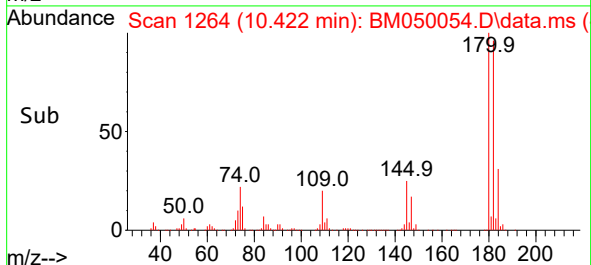
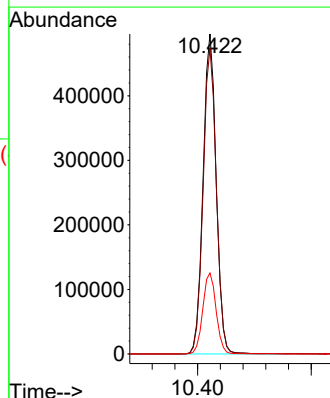
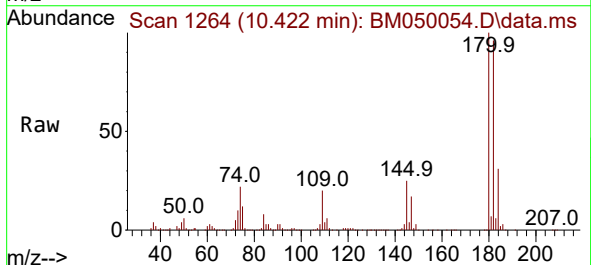
Tgt Ion:180 Resp: 790792

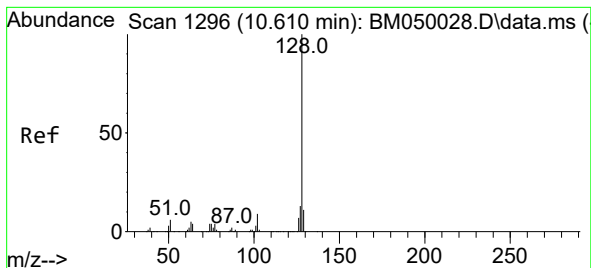
Ion Ratio Lower Upper

180 100

182 95.6 77.0 115.4

145 25.3 20.6 30.8

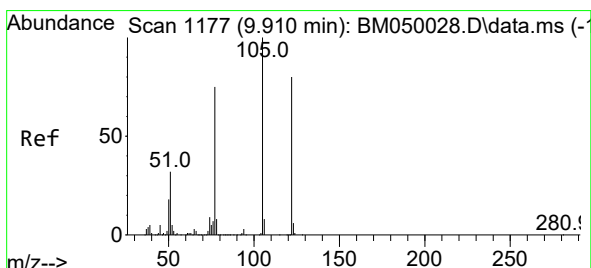
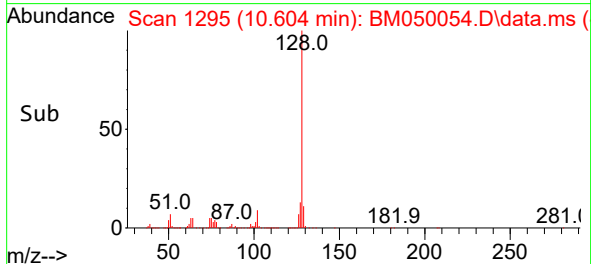
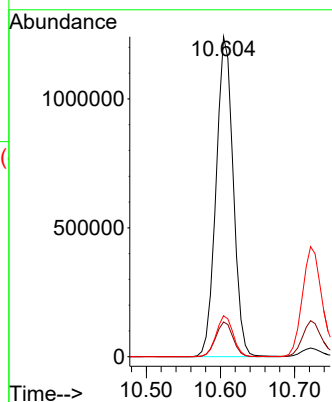
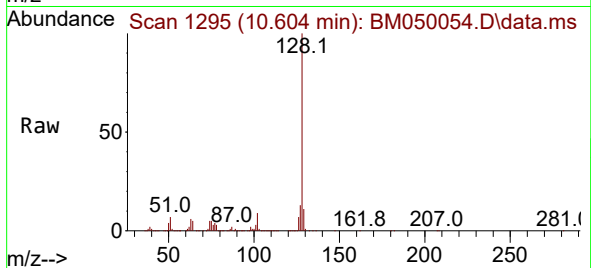




#31
Naphthalene
Concen: 42.665 ng
RT: 10.604 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

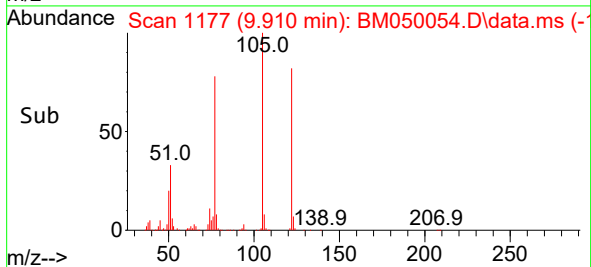
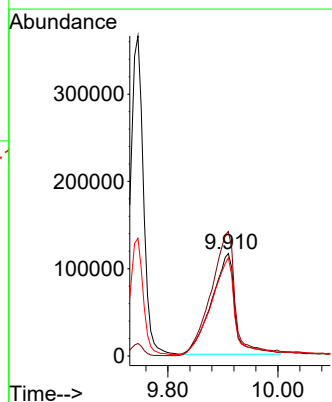
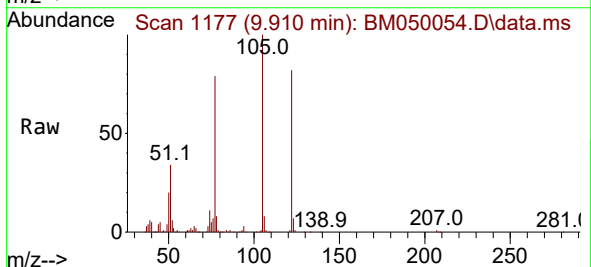
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

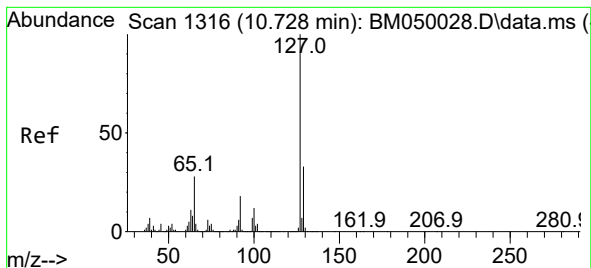
Tgt Ion:128 Resp: 1990173
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.8 10.4 15.6



#32
Benzoic acid
Concen: 39.245 ng
RT: 9.910 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

Tgt Ion:122 Resp: 343697
Ion Ratio Lower Upper
122 100
105 121.6 103.6 143.6
77 95.9 73.7 113.7

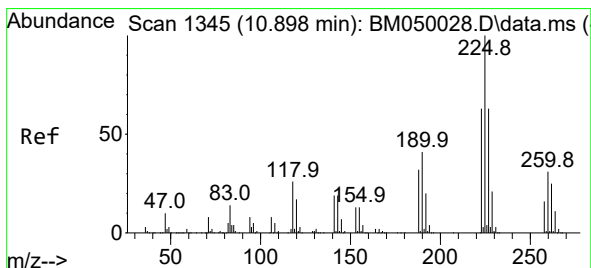
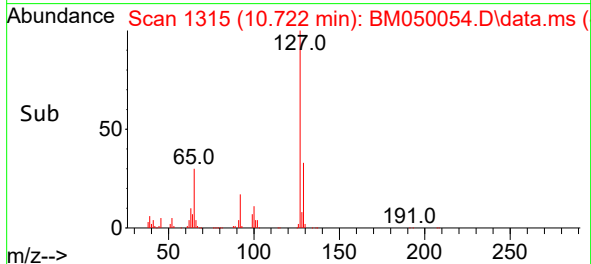
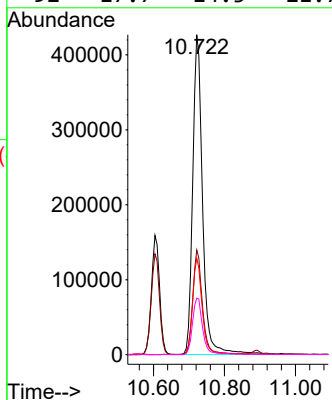
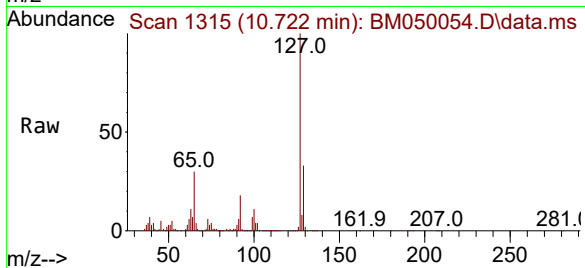




#33
4-Chloroaniline
Concen: 43.332 ng
RT: 10.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

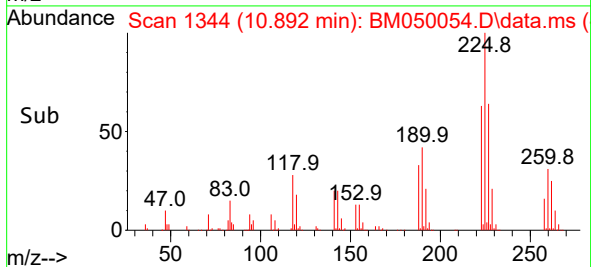
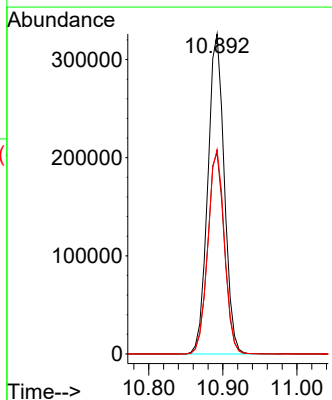
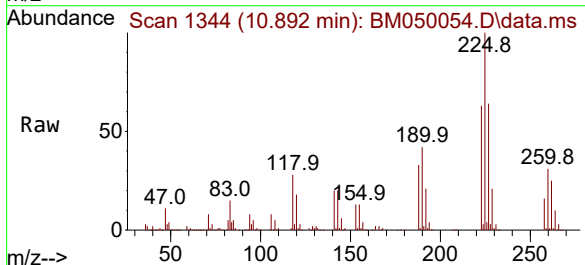
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

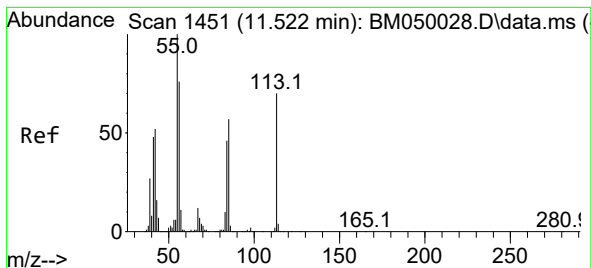
Tgt Ion:	127	Resp:	828496
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	30.1	22.5	33.7
92	17.7	14.5	21.7



#34
Hexachlorobutadiene
Concen: 42.339 ng
RT: 10.892 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

Tgt Ion:	225	Resp:	502308
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.2	75.2
227	63.9	50.6	76.0

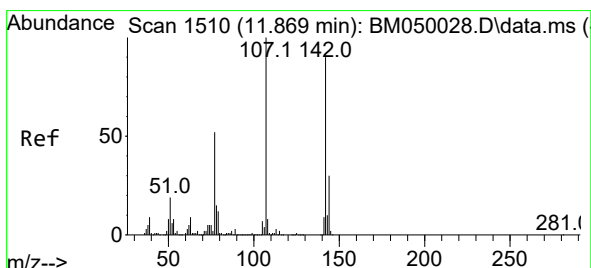
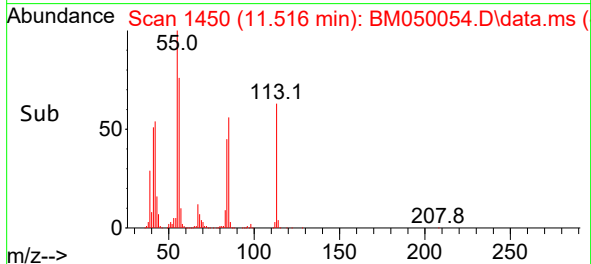
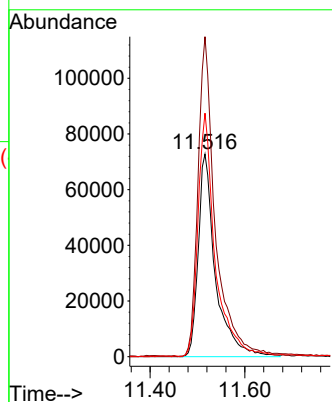
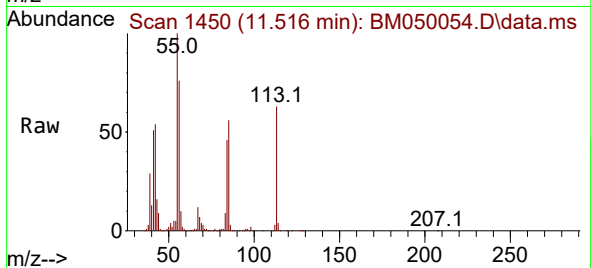




#35
Caprolactam
Concen: 41.126 ng
RT: 11.516 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

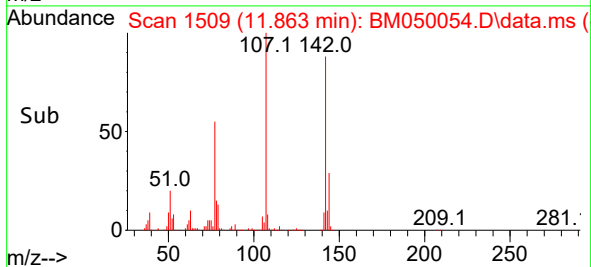
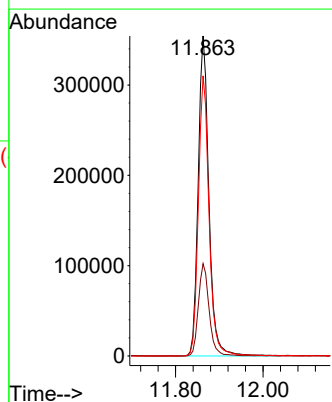
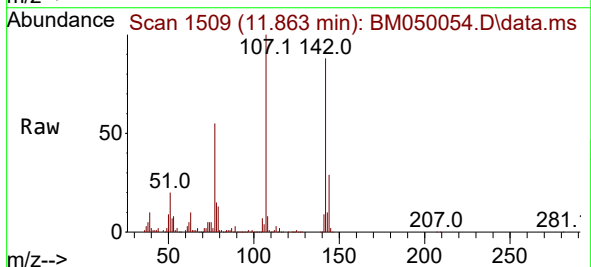
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

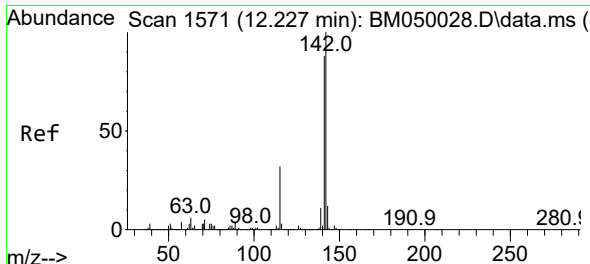
Tgt Ion:113 Resp: 183948
Ion Ratio Lower Upper
113 100
55 157.9 122.9 162.9
56 120.2 88.1 128.1



#36
4-Chloro-3-methylphenol
Concen: 42.712 ng
RT: 11.863 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

Tgt Ion:107 Resp: 605344
Ion Ratio Lower Upper
107 100
144 28.8 23.8 35.6
142 87.5 71.9 107.9





#37

2-Methylnaphthalene

Concen: 41.991 ng

RT: 12.222 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

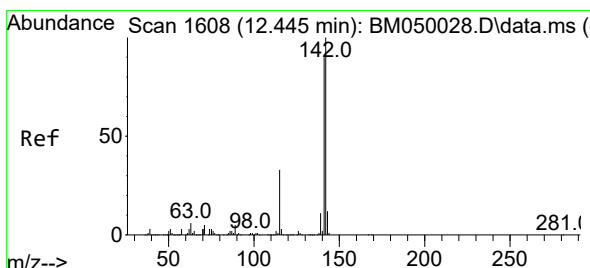
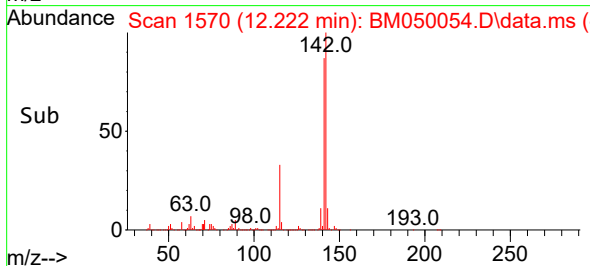
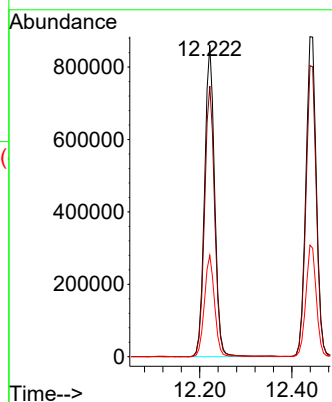
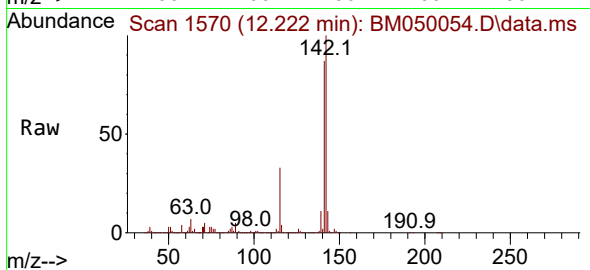
Tgt Ion:142 Resp: 1313225

Ion Ratio Lower Upper

142 100

141 86.8 70.4 105.6

115 32.5 25.4 38.2



#38

1-Methylnaphthalene

Concen: 41.983 ng

RT: 12.439 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

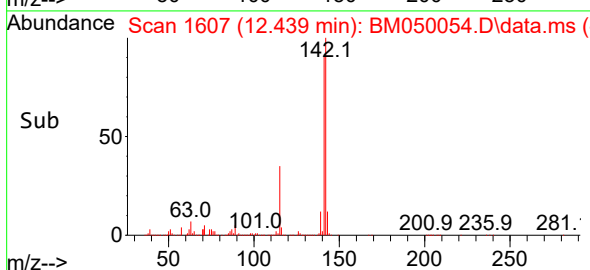
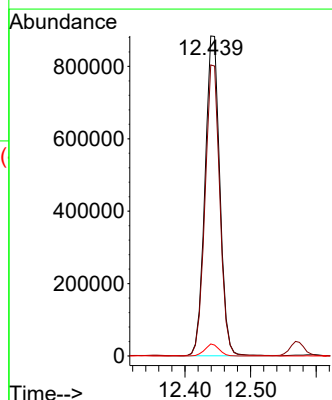
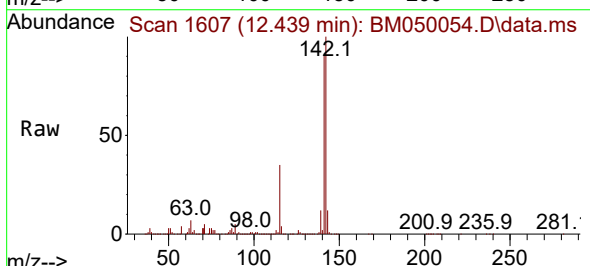
Tgt Ion:142 Resp: 1389492

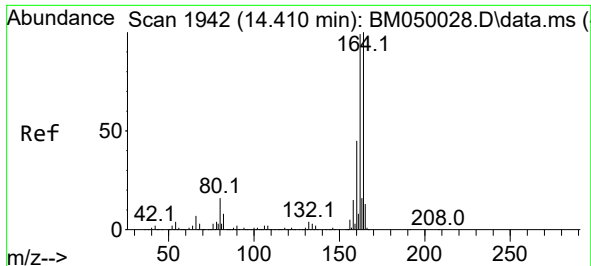
Ion Ratio Lower Upper

142 100

141 90.9 72.1 108.1

116 3.8 2.7 4.1

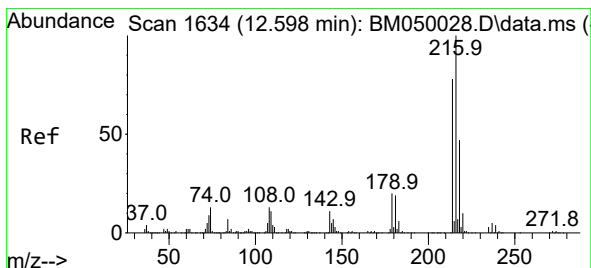
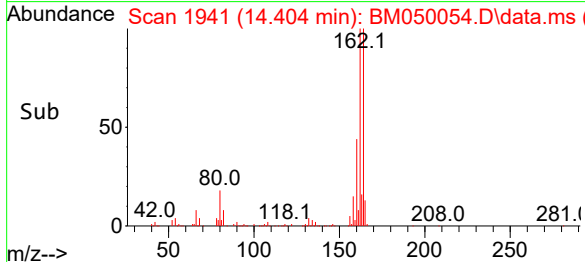
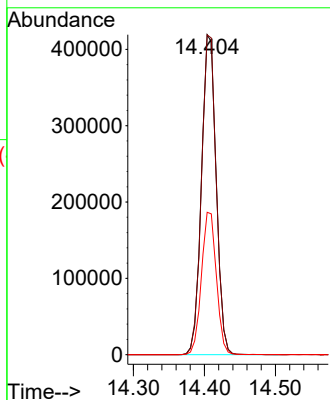
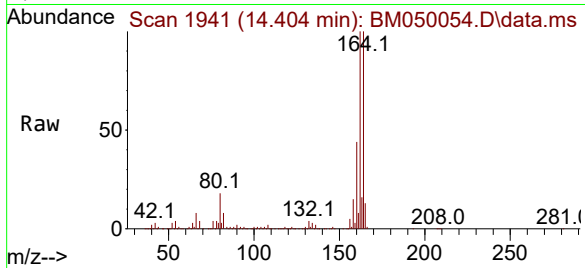




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.404 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

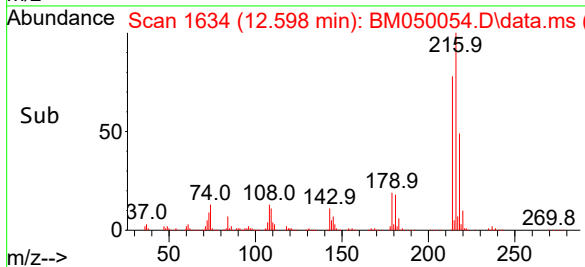
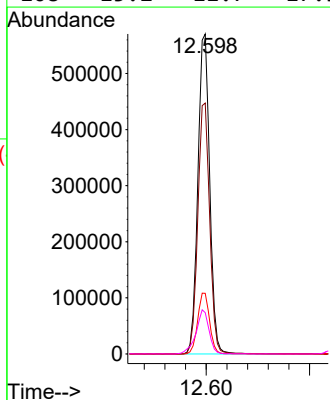
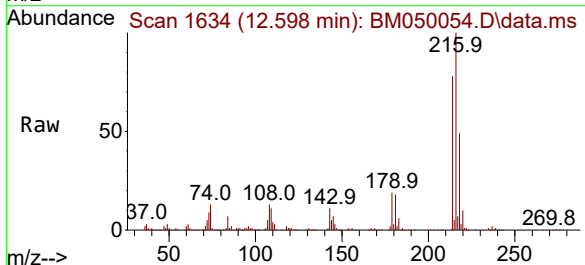
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

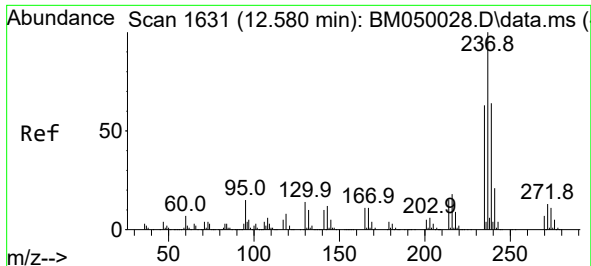
Tgt Ion:164 Resp: 604340
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.0
160 44.5 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.323 ng
RT: 12.598 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

Tgt Ion:216 Resp: 906338
Ion Ratio Lower Upper
216 100
214 78.6 62.3 93.5
179 19.2 15.4 23.0
108 15.2 11.7 17.5

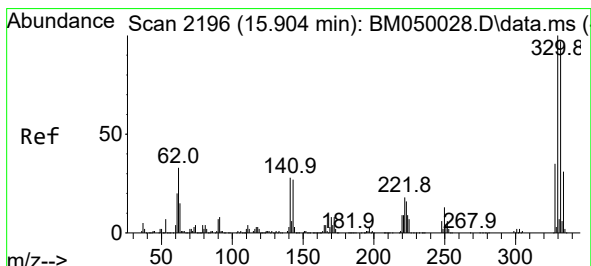
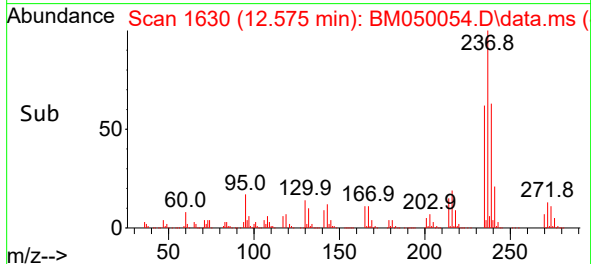
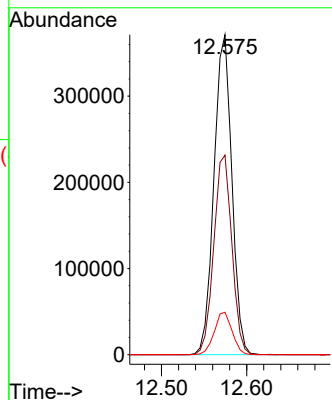
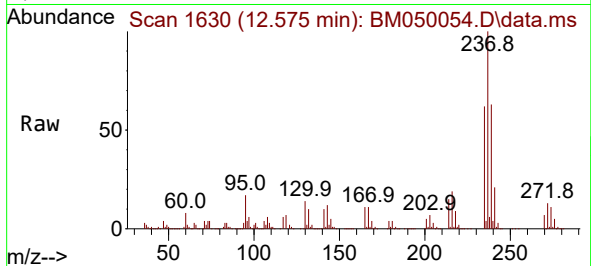




#41
Hexachlorocyclopentadiene
Concen: 42.333 ng
RT: 12.575 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

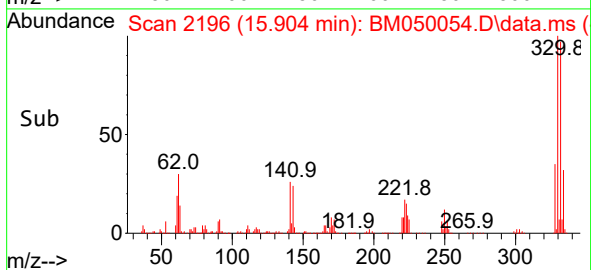
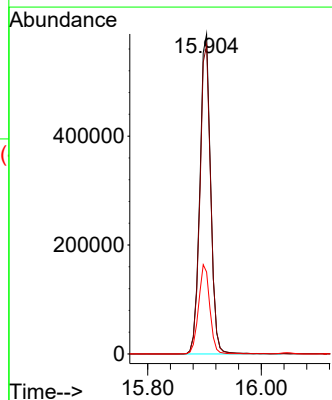
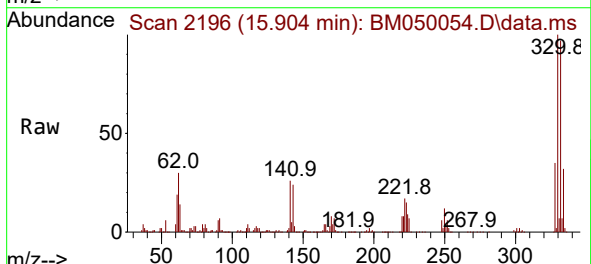
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

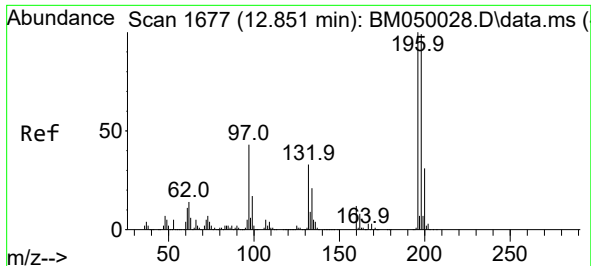
Tgt Ion:237 Resp: 541225
Ion Ratio Lower Upper
237 100
235 62.3 42.9 82.9
272 13.3 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 86.547 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

Tgt Ion:330 Resp: 773379
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 29.2 22.5 33.7

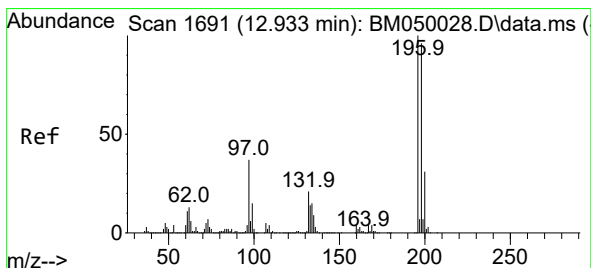
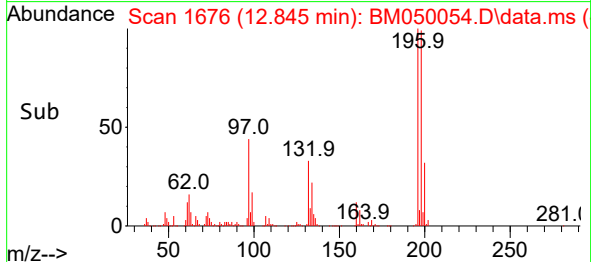
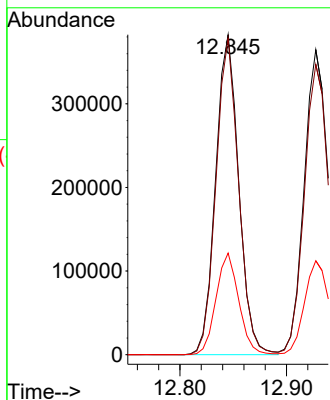
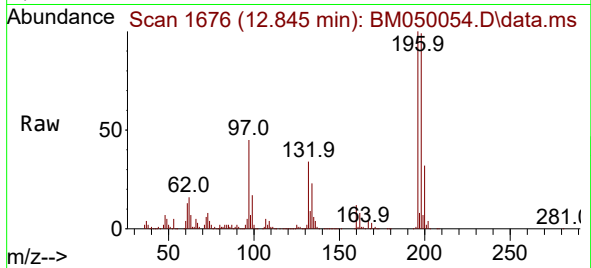




#43
2,4,6-Trichlorophenol
Concen: 43.402 ng
RT: 12.845 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

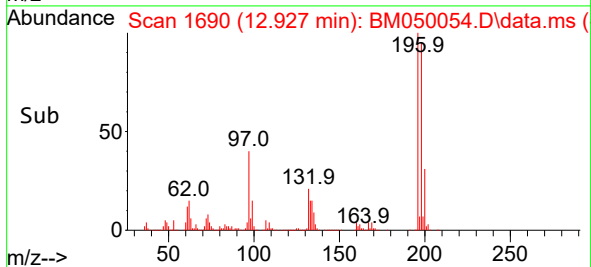
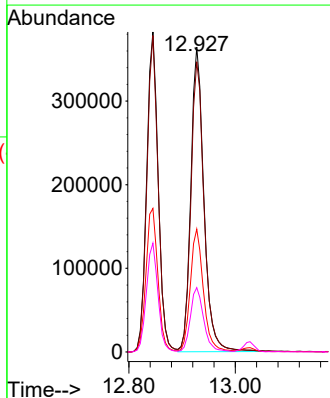
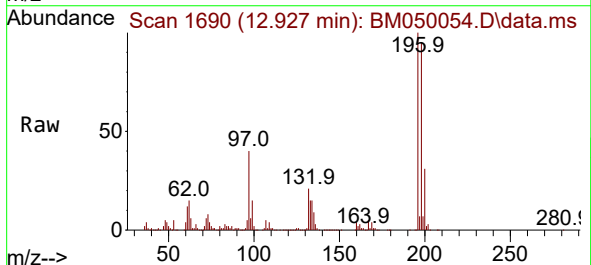
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

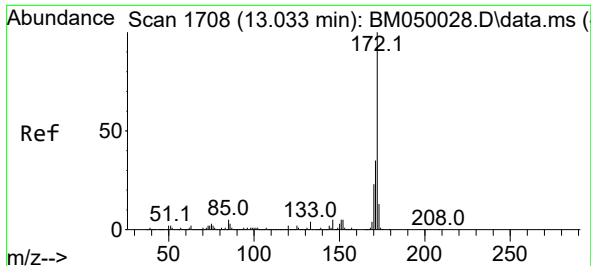
Tgt Ion:196 Resp: 575908
Ion Ratio Lower Upper
196 100
198 98.9 79.0 118.6
200 31.8 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 43.543 ng
RT: 12.927 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

Tgt Ion:196 Resp: 623048
Ion Ratio Lower Upper
196 100
198 95.2 76.7 115.1
97 40.3 30.1 45.1
132 21.1 16.6 25.0

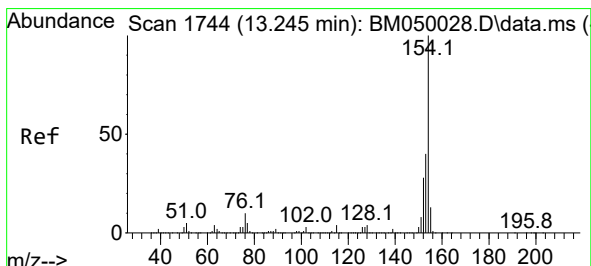
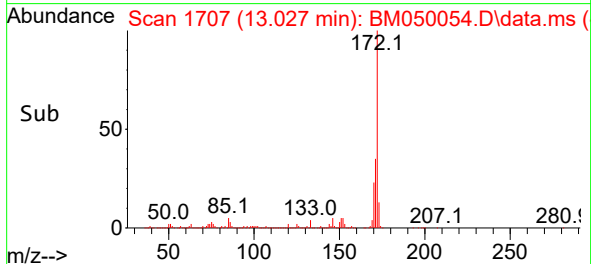
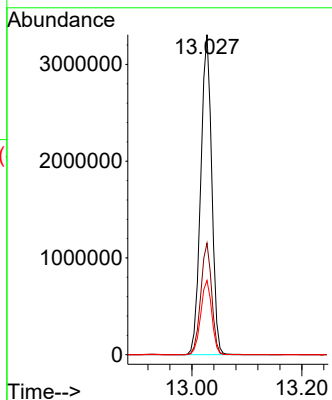
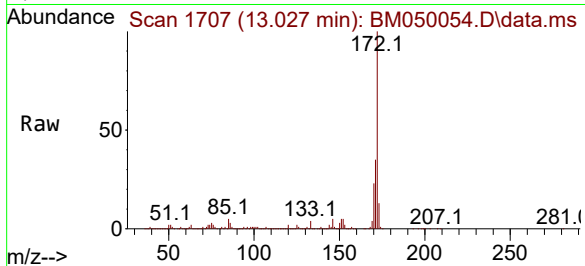




#45
2-Fluorobiphenyl
Concen: 89.966 ng
RT: 13.027 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

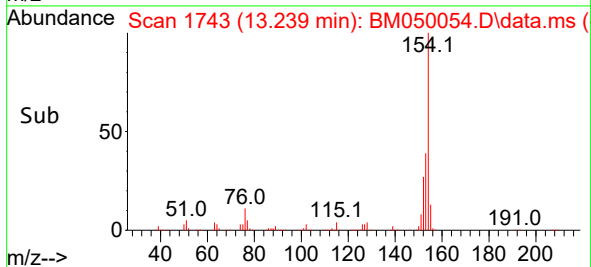
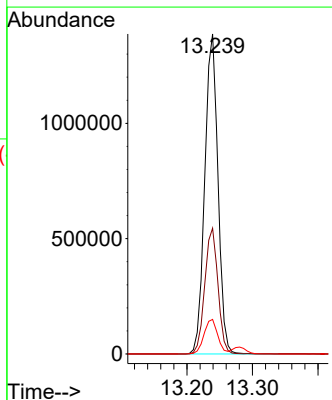
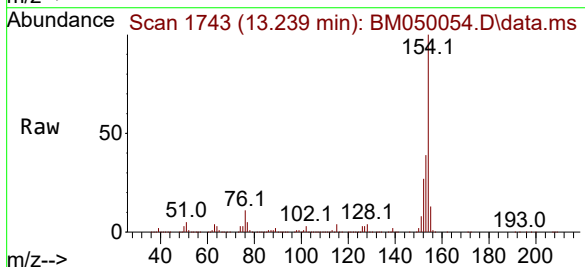
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

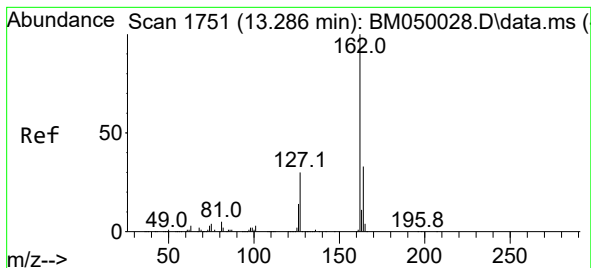
Tgt Ion:172 Resp: 4596002
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.2 18.6 28.0



#46
1,1'-Biphenyl
Concen: 43.267 ng
RT: 13.239 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

Tgt Ion:154 Resp: 1943705
Ion Ratio Lower Upper
154 100
153 39.3 20.0 60.0
76 10.8 0.0 30.3





#47

2-Chloronaphthalene

Concen: 42.903 ng

RT: 13.280 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

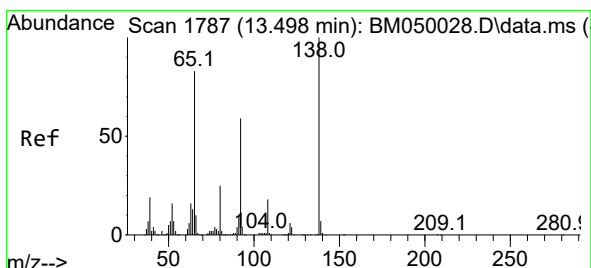
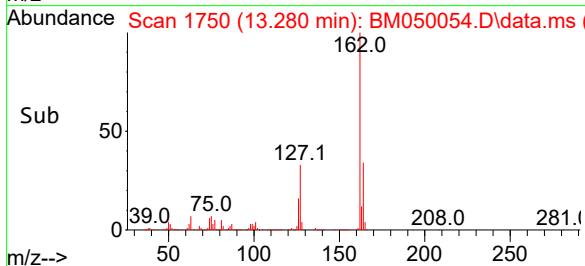
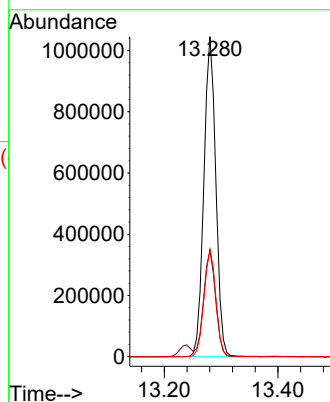
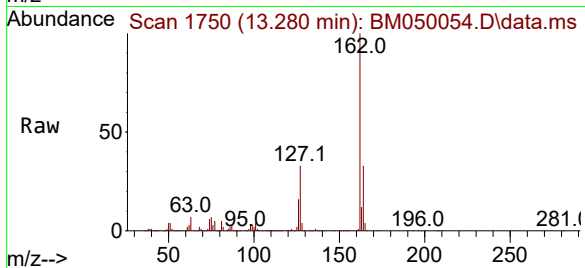
Tgt Ion:162 Resp: 1526471

Ion Ratio Lower Upper

162 100

127 33.2 25.9 38.9

164 33.5 26.6 40.0



#48

2-Nitroaniline

Concen: 45.835 ng

RT: 13.492 min Scan# 1786

Delta R.T. -0.006 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

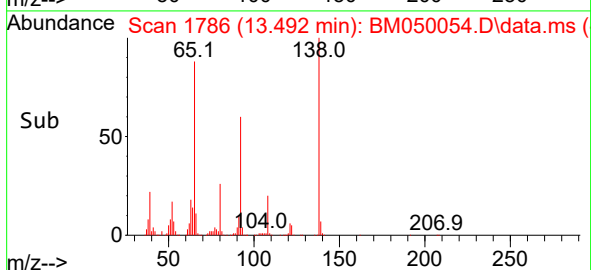
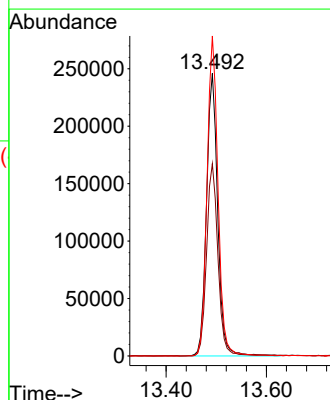
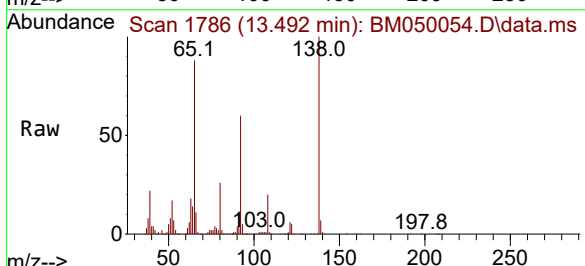
Tgt Ion: 65 Resp: 382749

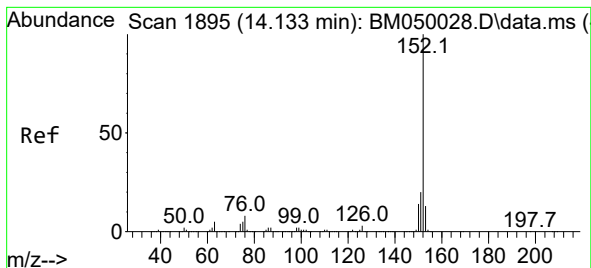
Ion Ratio Lower Upper

65 100

92 68.0 57.1 85.7

138 113.3 97.0 145.4





#49

Acenaphthylene

Concen: 42.631 ng

RT: 14.127 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

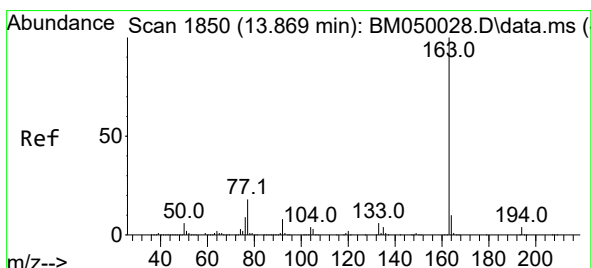
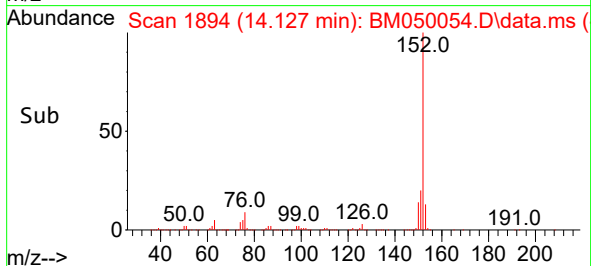
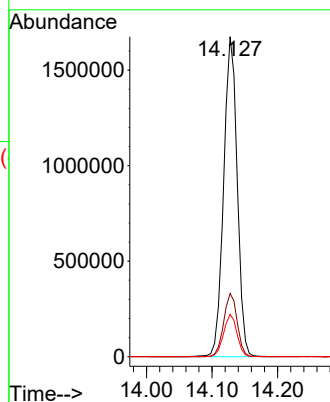
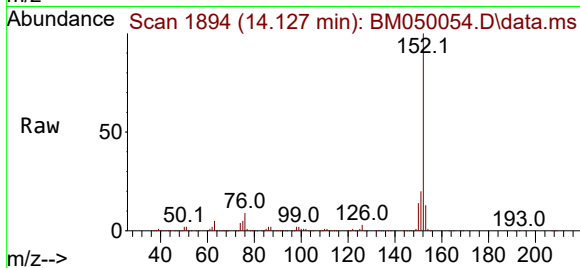
Tgt Ion:152 Resp: 2391528

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 41.688 ng

RT: 13.869 min Scan# 1850

Delta R.T. 0.000 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

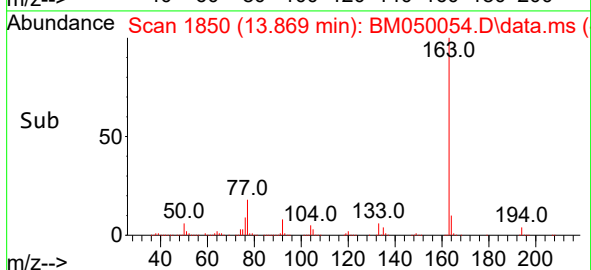
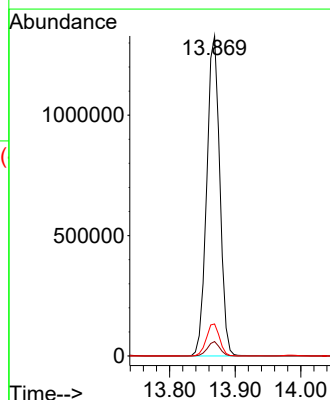
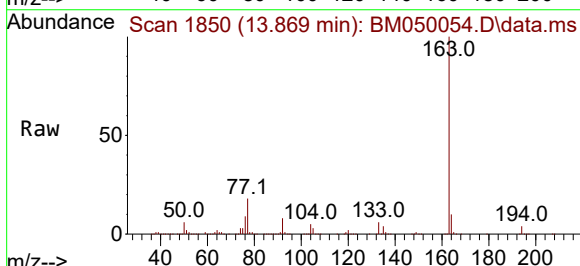
Tgt Ion:163 Resp: 1841172

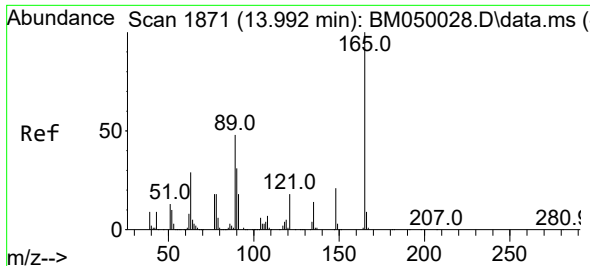
Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

164 10.0 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 42.434 ng

RT: 13.986 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

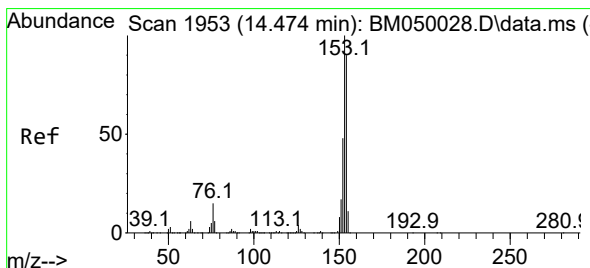
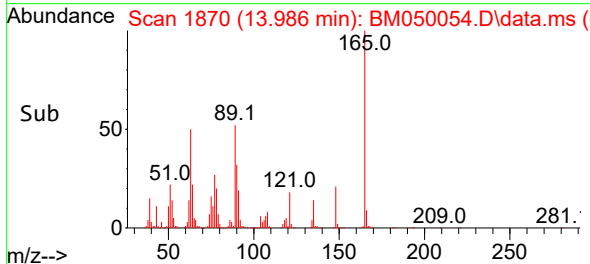
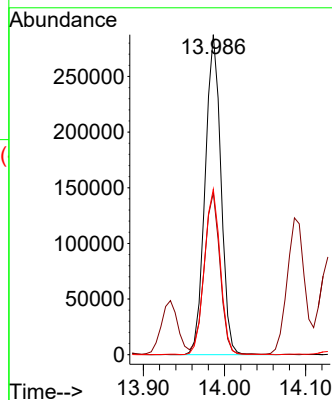
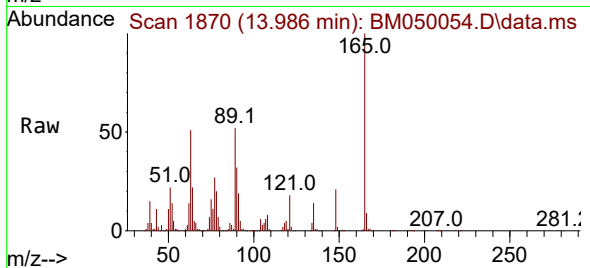
Tgt Ion:165 Resp: 388032

Ion Ratio Lower Upper

165 100

63 50.6 35.1 52.7

89 51.7 38.4 57.6



#52

Acenaphthene

Concen: 43.095 ng

RT: 14.469 min Scan# 1952

Delta R.T. -0.006 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

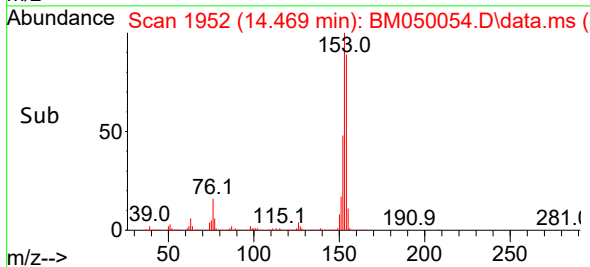
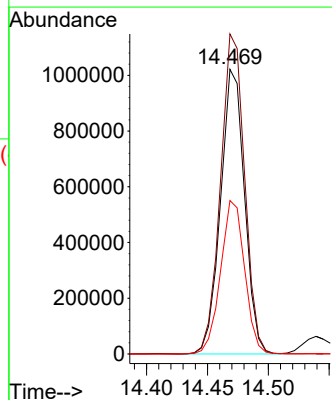
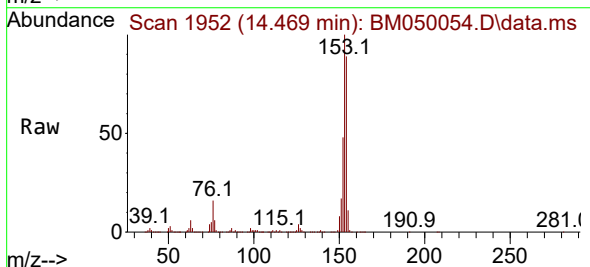
Tgt Ion:154 Resp: 1399364

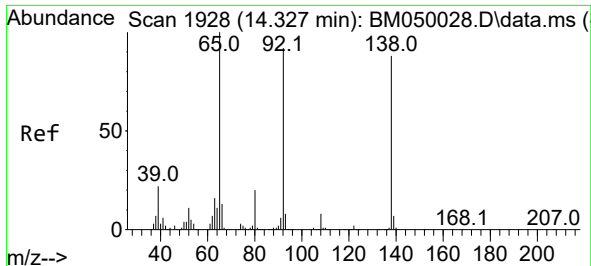
Ion Ratio Lower Upper

154 100

153 112.4 89.0 133.4

152 53.9 43.0 64.6





#53

3-Nitroaniline

Concen: 43.194 ng

RT: 14.321 min Scan# 1928

Delta R.T. -0.006 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

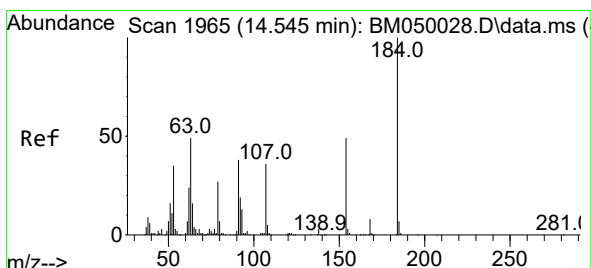
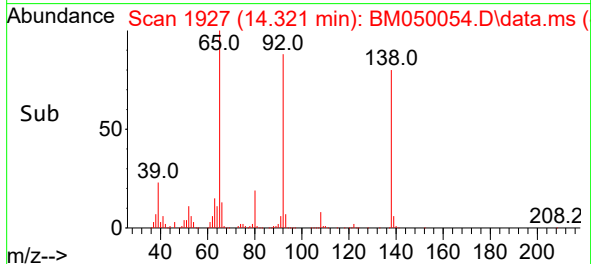
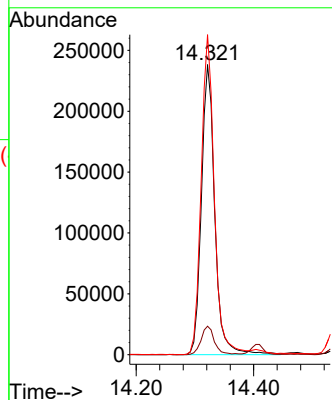
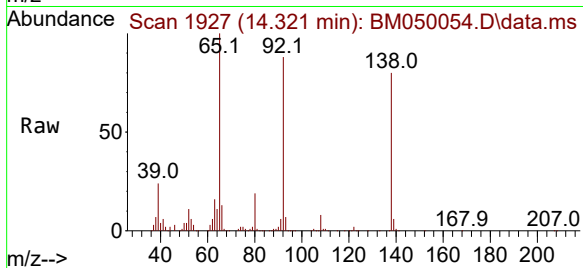
Tgt Ion:138 Resp: 377093

Ion Ratio Lower Upper

138 100

108 9.8 7.4 11.2

92 110.3 84.0 126.0



#54

2,4-Dinitrophenol

Concen: 36.480 ng

RT: 14.539 min Scan# 1964

Delta R.T. -0.006 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

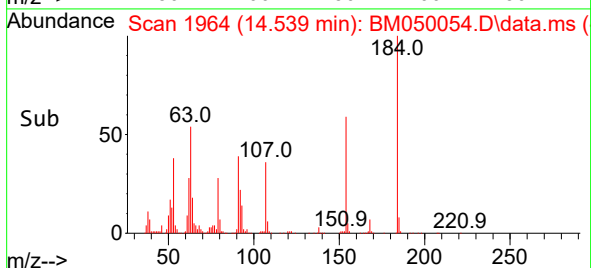
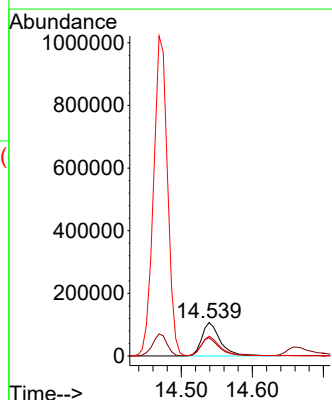
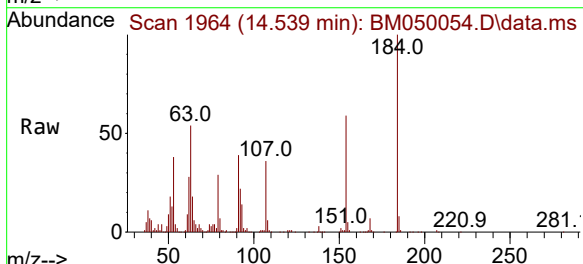
Tgt Ion:184 Resp: 193787

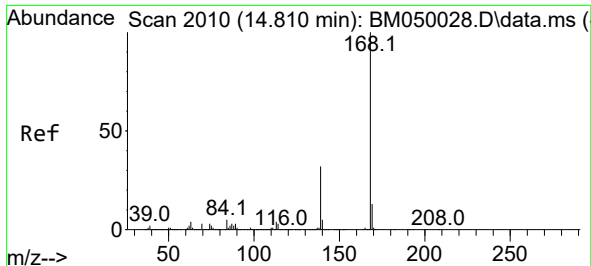
Ion Ratio Lower Upper

184 100

63 54.4 39.8 59.6

154 59.1 46.1 69.1

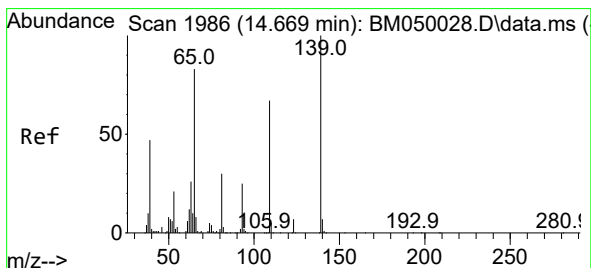
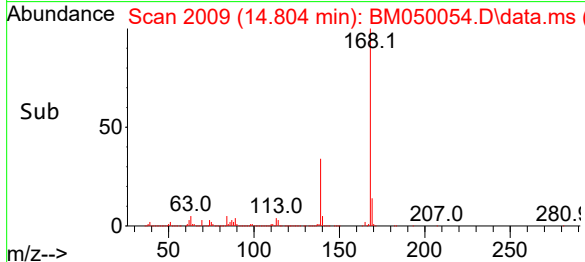
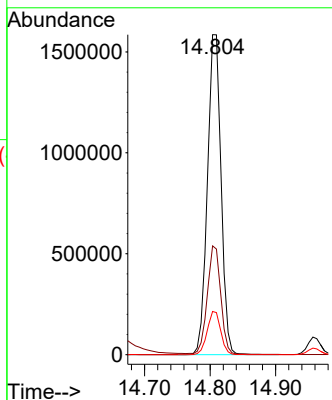
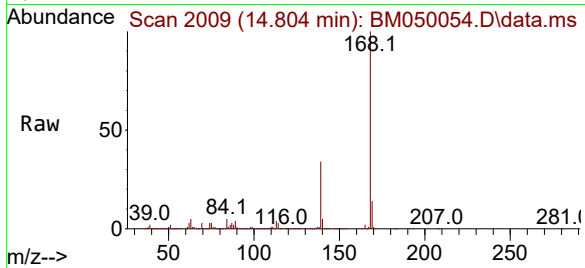




#55
Dibenzofuran
Concen: 42.455 ng
RT: 14.804 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

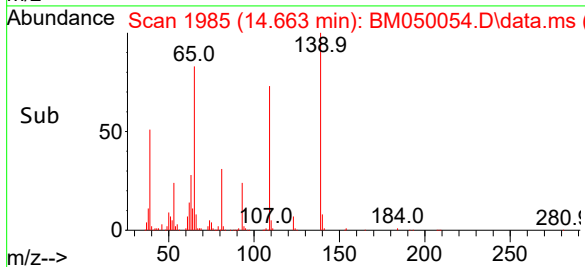
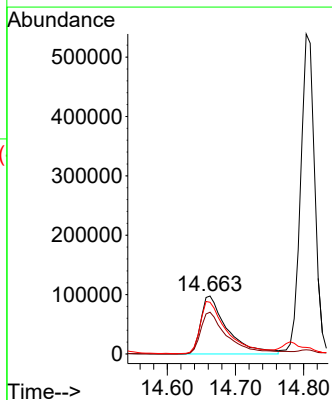
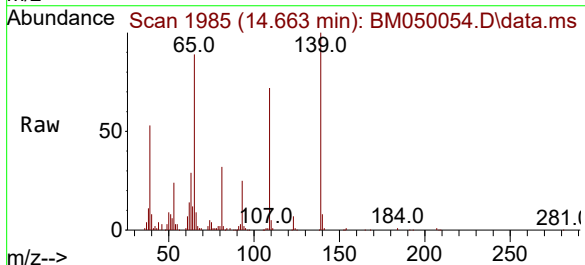
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

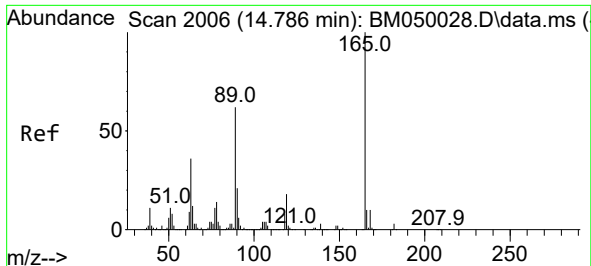
Tgt Ion:168 Resp: 2293685
Ion Ratio Lower Upper
168 100
139 34.0 26.1 39.1
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 39.344 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

Tgt Ion:139 Resp: 262090
Ion Ratio Lower Upper
139 100
109 72.3 47.0 87.0
65 89.4 64.3 104.3





#57

2,4-Dinitrotoluene

Concen: 43.553 ng

RT: 14.780 min Scan# 2006

Delta R.T. -0.006 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 550318

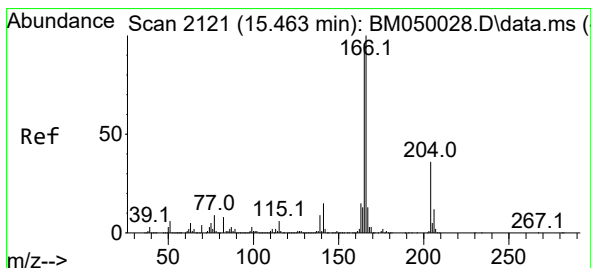
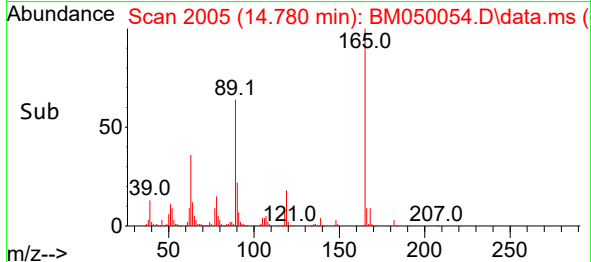
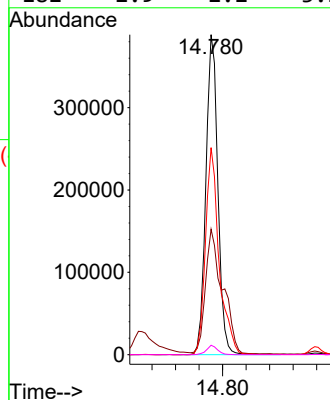
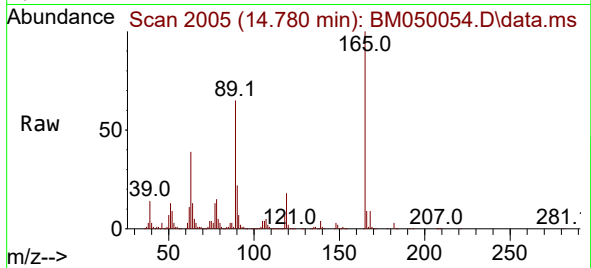
Ion Ratio Lower Upper

165 100

63 39.2 29.0 43.6

89 64.7 49.4 74.2

182 2.9 2.2 3.2



#58

Fluorene

Concen: 44.454 ng

RT: 15.457 min Scan# 2120

Delta R.T. -0.006 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

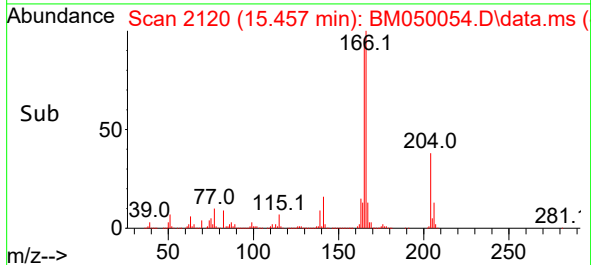
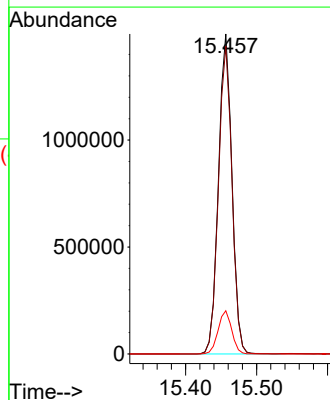
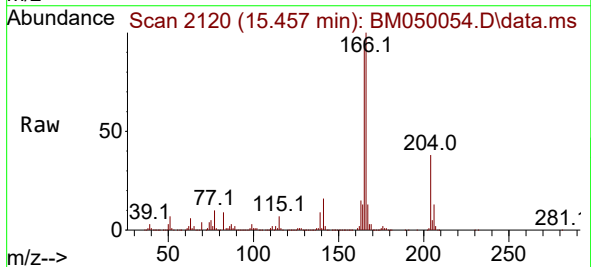
Tgt Ion:166 Resp: 1965792

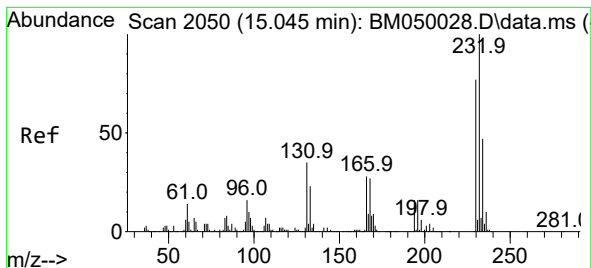
Ion Ratio Lower Upper

166 100

165 96.3 76.6 115.0

167 13.5 10.6 16.0

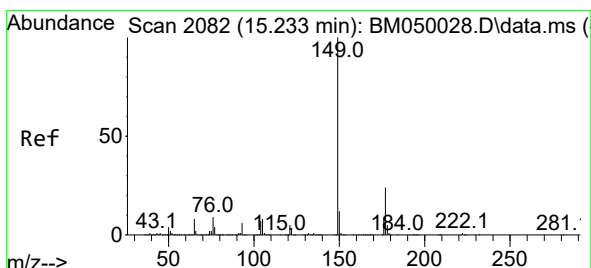
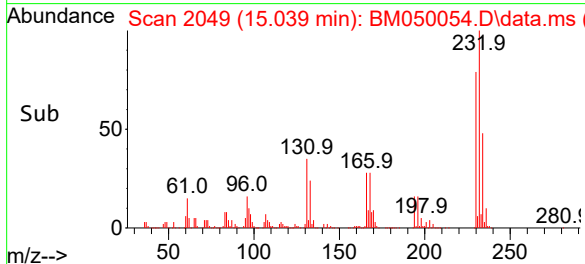
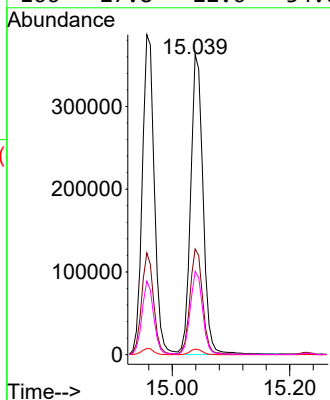
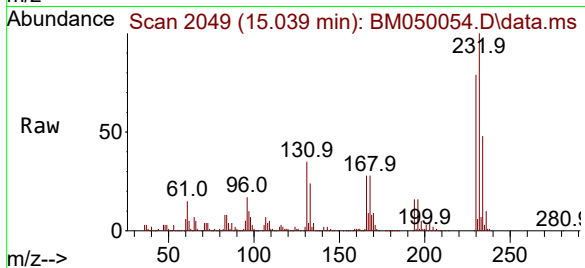




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.630 ng
RT: 15.039 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

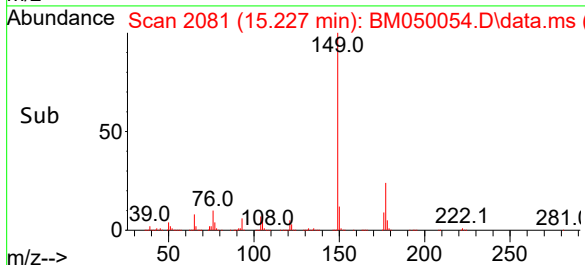
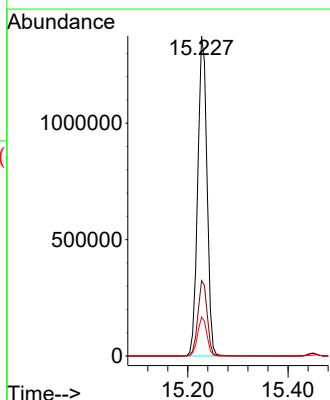
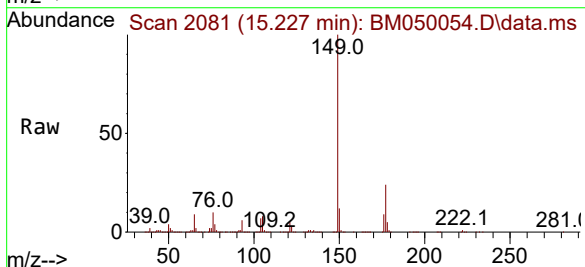
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

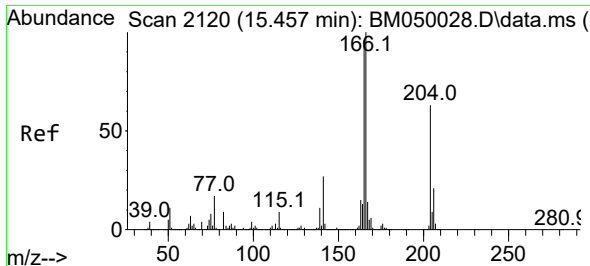
Tgt Ion:232 Resp: 528006
Ion Ratio Lower Upper
232 100
131 35.6 28.2 42.4
130 1.9 1.5 2.3
166 27.8 22.6 34.0



#60
Diethylphthalate
Concen: 42.159 ng
RT: 15.227 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

Tgt Ion:149 Resp: 1754483
Ion Ratio Lower Upper
149 100
177 23.5 19.1 28.7
150 12.2 9.6 14.4

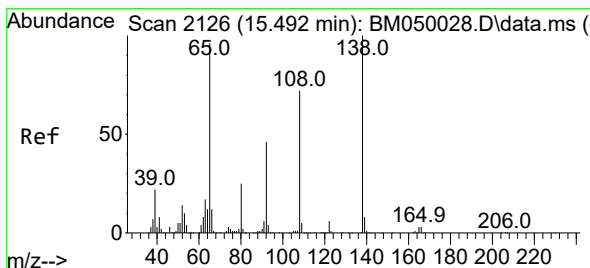
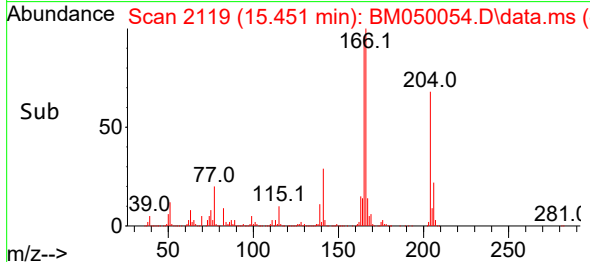
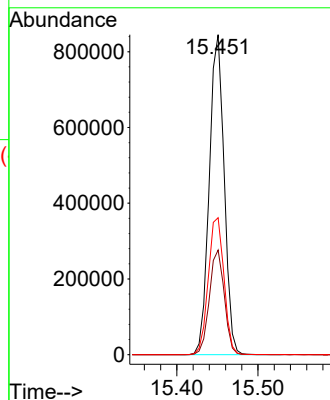
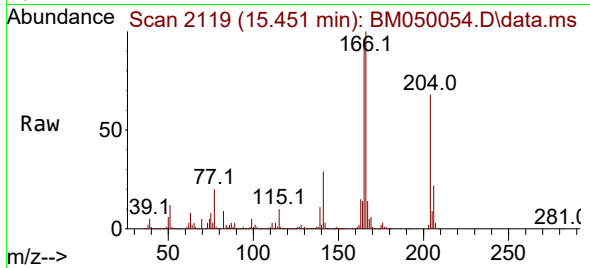




#61
4-Chlorophenyl-phenylether
Concen: 44.242 ng
RT: 15.451 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

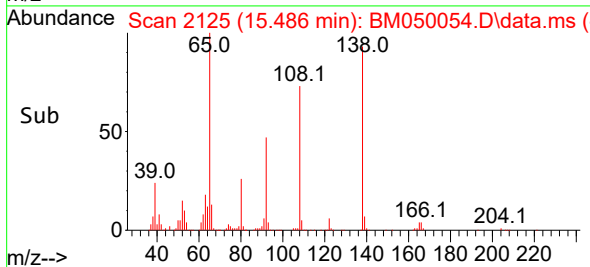
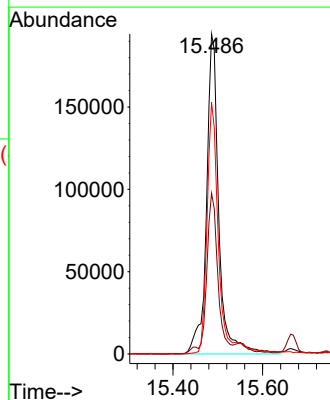
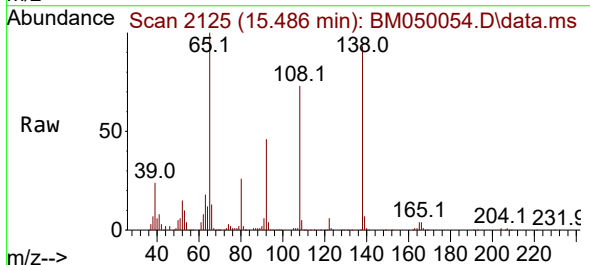
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

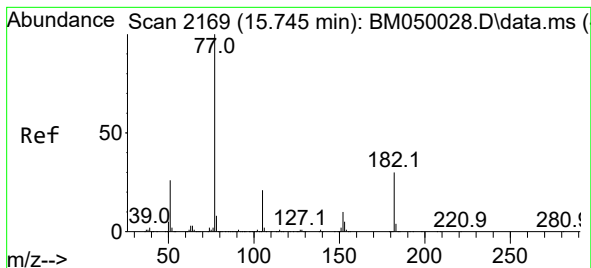
Tgt Ion:204 Resp: 1074604
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 42.8 34.0 51.0



#62
4-Nitroaniline
Concen: 44.151 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

Tgt Ion:138 Resp: 371888
Ion Ratio Lower Upper
138 100
92 50.3 25.9 65.9
108 78.7 52.4 92.4





#63

Azobenzene

Concen: 45.162 ng

RT: 15.745 min Scan# 2169

Delta R.T. 0.000 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1575149

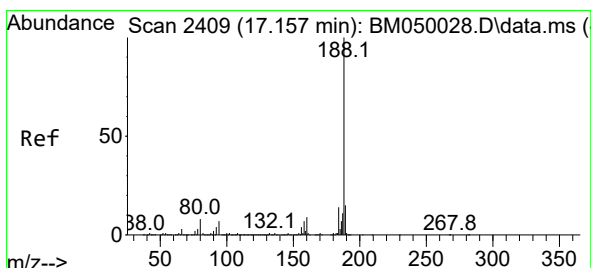
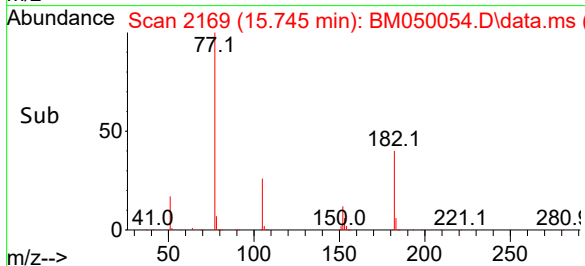
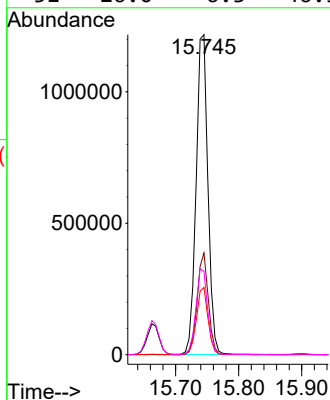
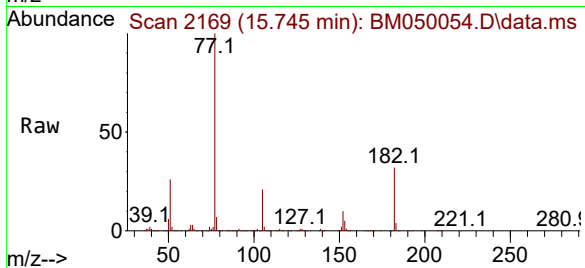
Ion Ratio Lower Upper

77 100

182 31.8 10.5 50.5

105 21.0 1.1 41.1

51 26.0 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: BM050054.D

Acq: 30 Apr 2025 21:18

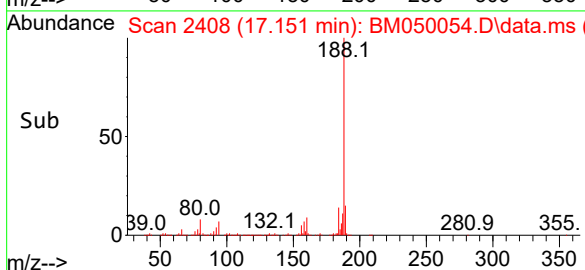
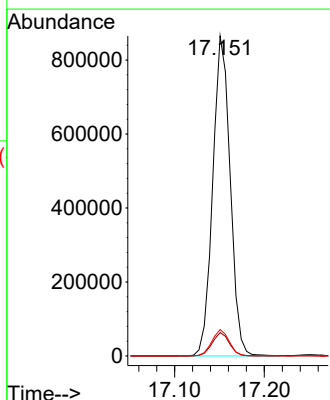
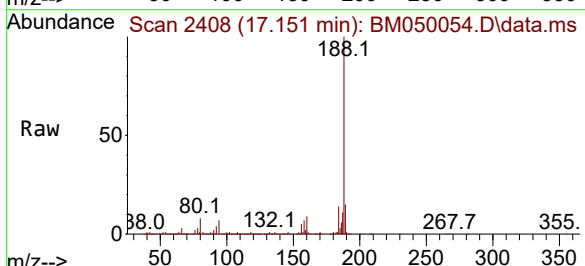
Tgt Ion:188 Resp: 1166692

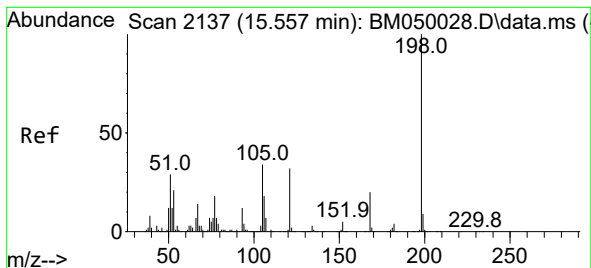
Ion Ratio Lower Upper

188 100

94 7.3 5.7 8.5

80 8.3 6.2 9.4

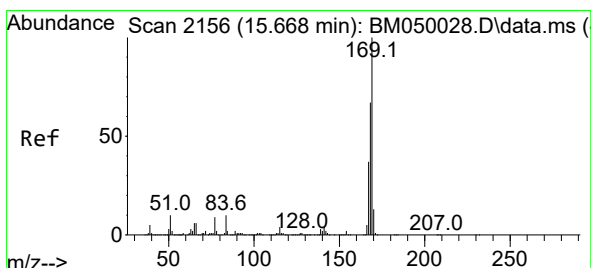
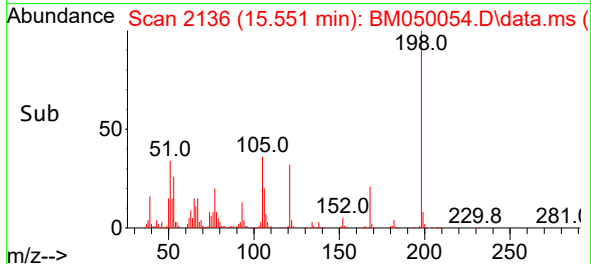
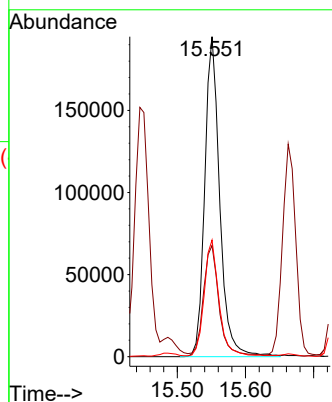
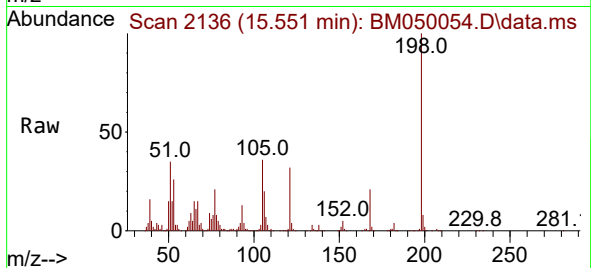




#65
4,6-Dinitro-2-methylphenol
Concen: 40.910 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

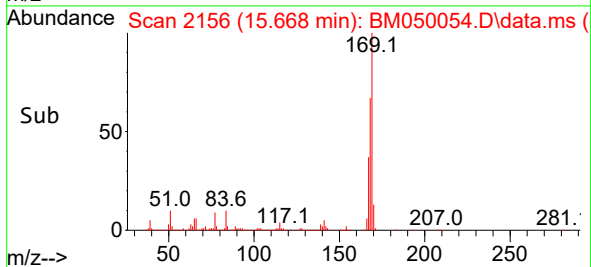
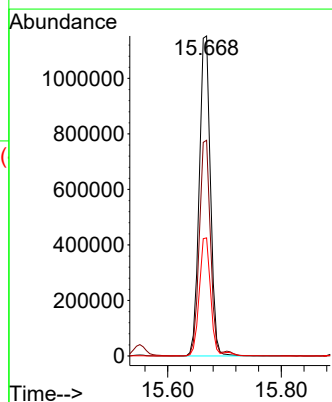
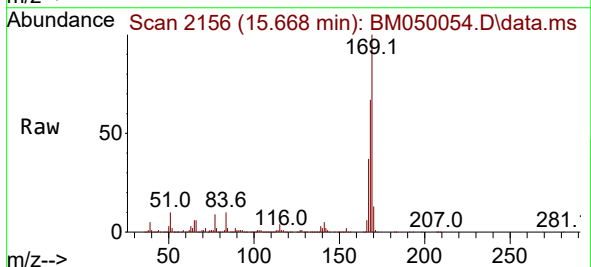
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

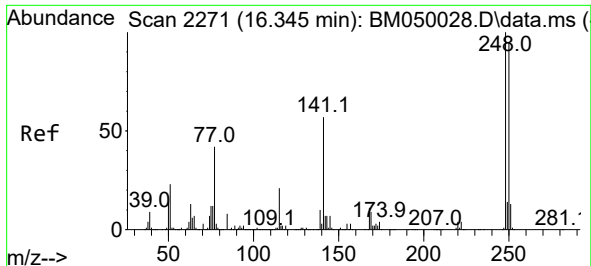
Tgt Ion:198 Resp: 298765
Ion Ratio Lower Upper
198 100
51 34.8 10.4 50.4
105 36.5 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 44.096 ng
RT: 15.668 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

Tgt Ion:169 Resp: 1579781
Ion Ratio Lower Upper
169 100
168 67.4 53.4 80.2
167 36.9 29.4 44.0

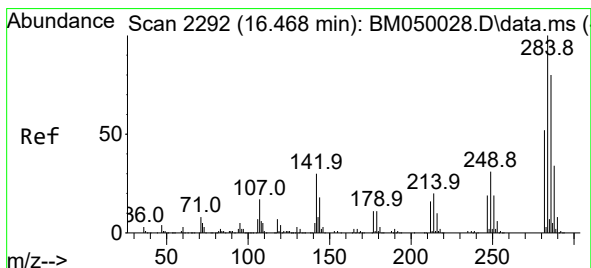
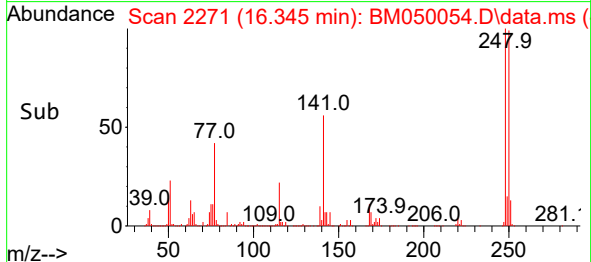
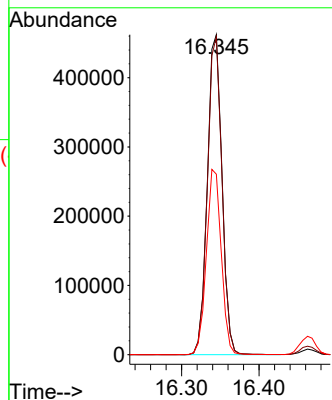
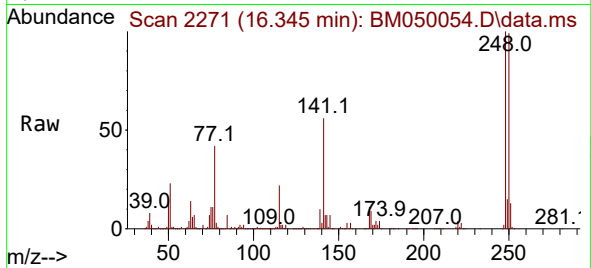




#67
4-Bromophenyl-phenylether
Concen: 42.948 ng
RT: 16.345 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

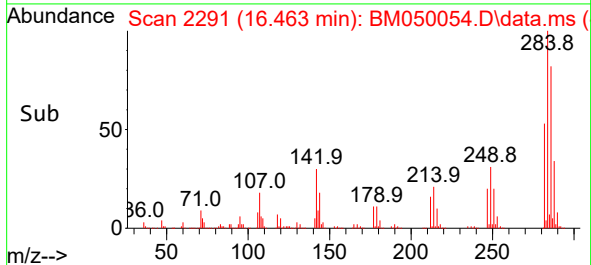
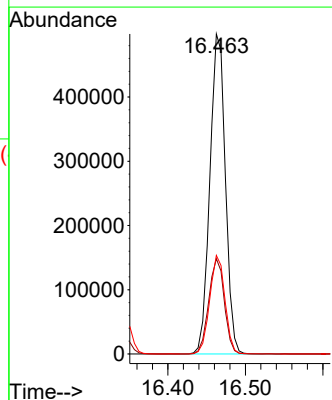
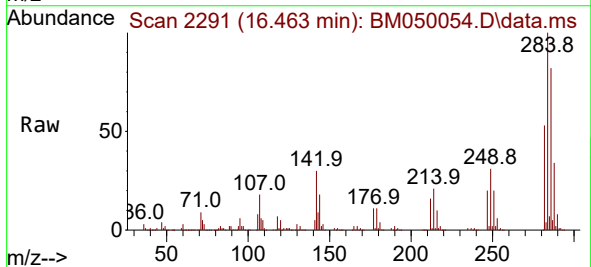
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

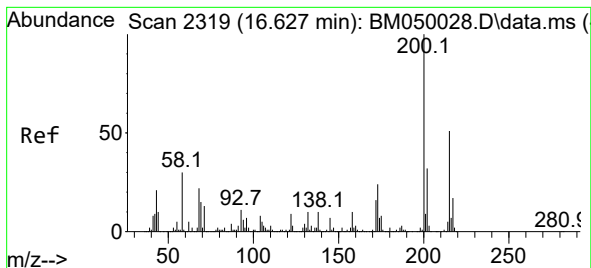
Tgt Ion:248 Resp: 605929
Ion Ratio Lower Upper
248 100
250 99.3 76.2 114.2
141 56.4 45.9 68.9



#68
Hexachlorobenzene
Concen: 42.547 ng
RT: 16.463 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

Tgt Ion:284 Resp: 691946
Ion Ratio Lower Upper
284 100
142 29.7 23.9 35.9
249 30.8 24.5 36.7





#69

Atrazine

Concen: 43.143 ng

RT: 16.621 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050054.D

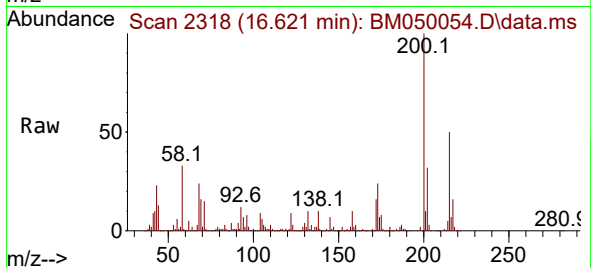
Acq: 30 Apr 2025 21:18

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040



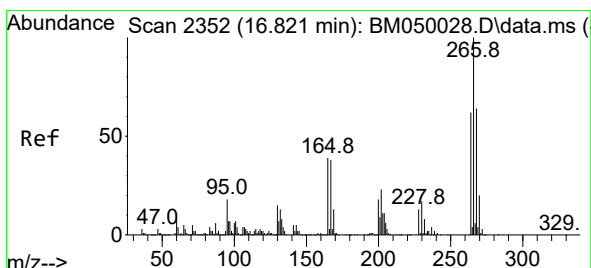
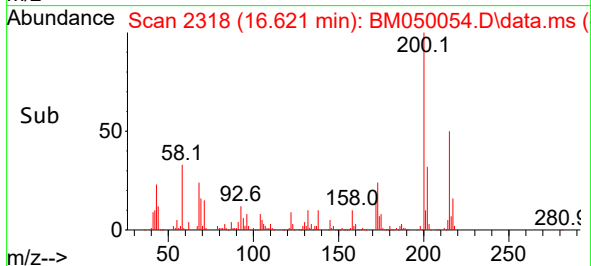
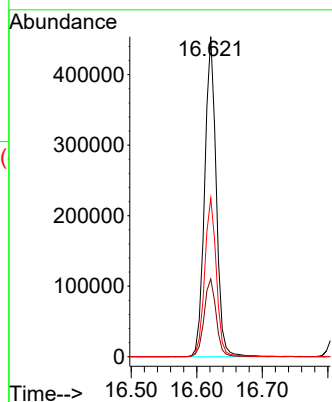
Tgt Ion:200 Resp: 557532

Ion Ratio Lower Upper

200 100

173 24.3 4.3 44.3

215 49.6 30.6 70.6



#70

Pentachlorophenol

Concen: 43.580 ng

RT: 16.815 min Scan# 2351

Delta R.T. -0.006 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

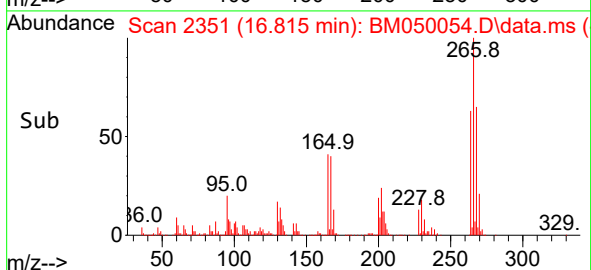
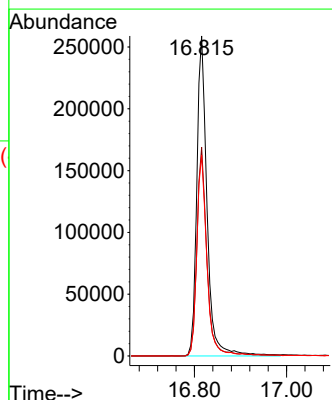
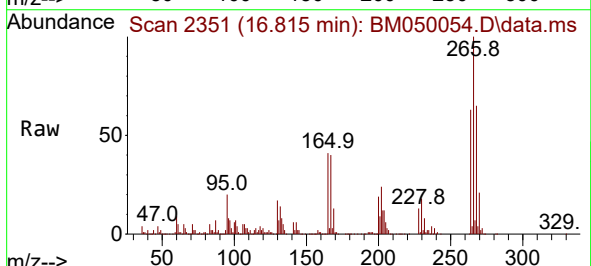
Tgt Ion:266 Resp: 398945

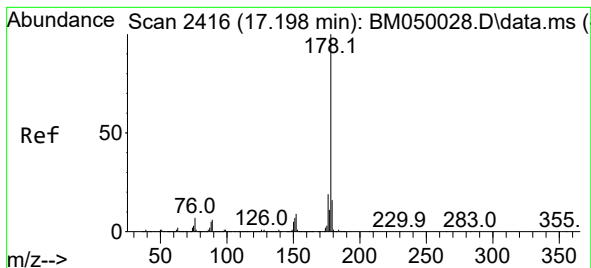
Ion Ratio Lower Upper

266 100

268 65.2 51.2 76.8

264 62.8 49.6 74.4





#71

Phenanthrene

Concen: 43.696 ng

RT: 17.192 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

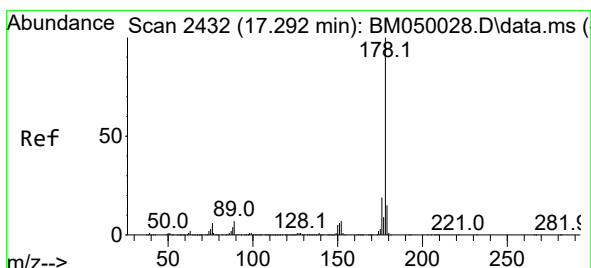
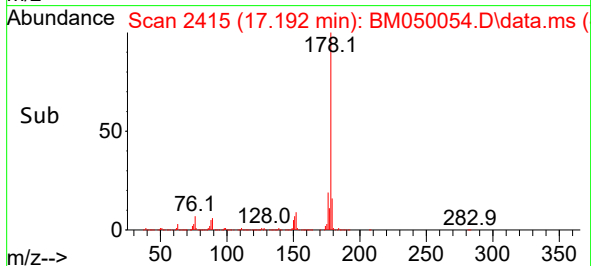
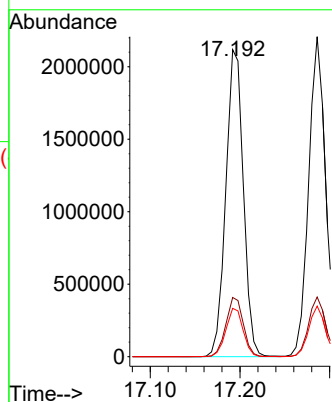
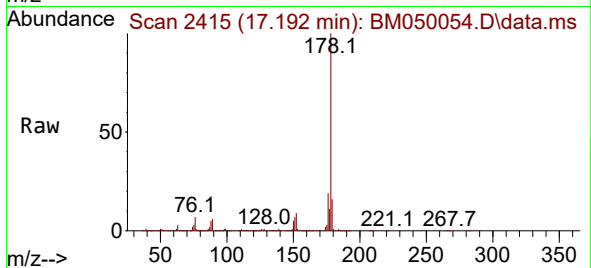
Tgt Ion:178 Resp: 2875342

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 15.7 12.4 18.6



#72

Anthracene

Concen: 44.052 ng

RT: 17.286 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

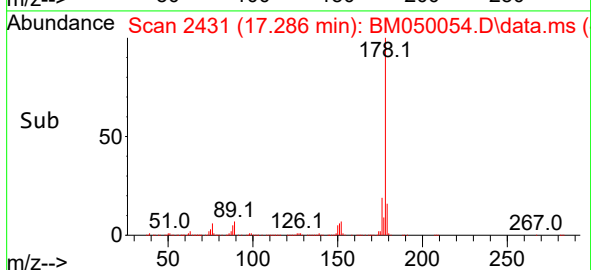
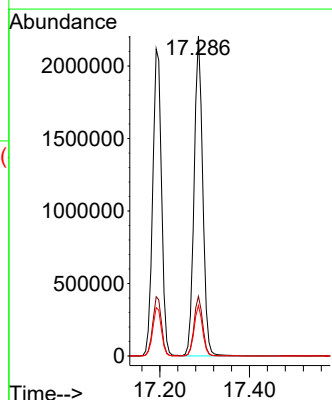
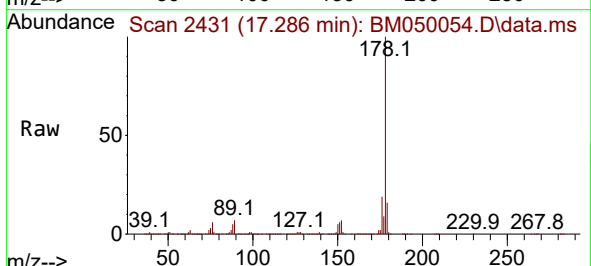
Tgt Ion:178 Resp: 2933517

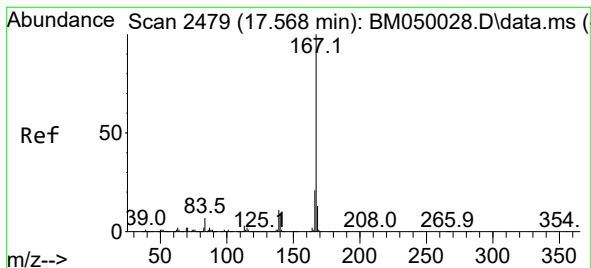
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

179 15.8 12.2 18.4





#73

Carbazole

Concen: 43.038 ng

RT: 17.562 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

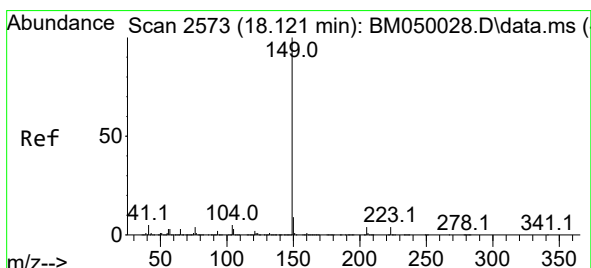
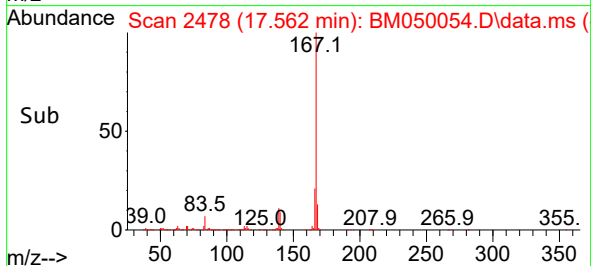
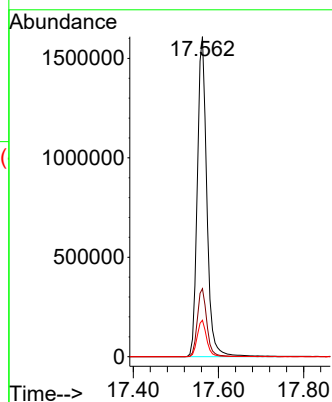
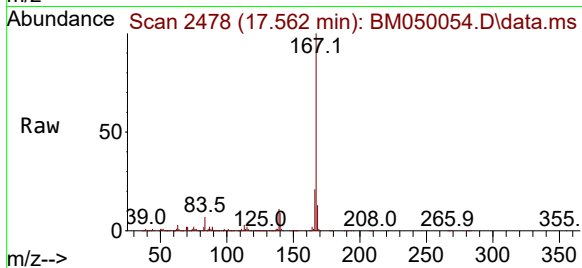
Tgt Ion:167 Resp: 2486964

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 11.4 9.0 13.6



#74

Di-n-butylphthalate

Concen: 43.493 ng

RT: 18.115 min Scan# 2572

Delta R.T. -0.006 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

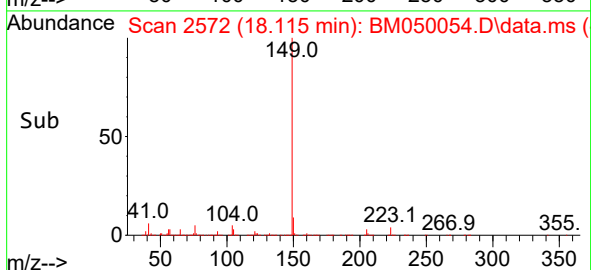
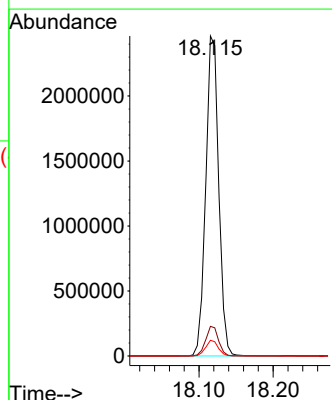
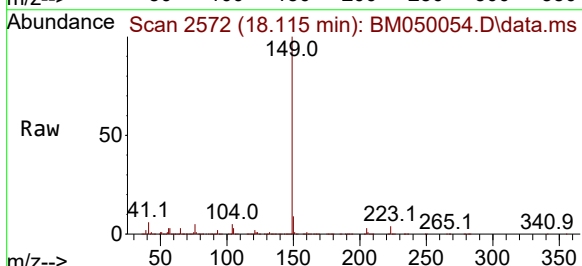
Tgt Ion:149 Resp: 2993002

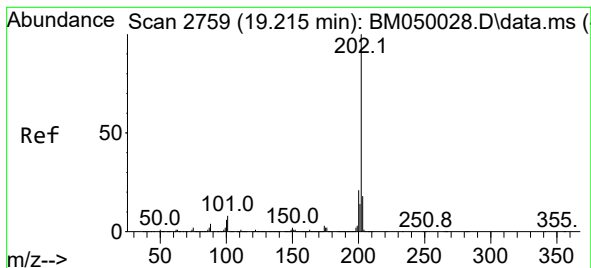
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 4.9 3.8 5.6





#75

Fluoranthene

Concen: 43.389 ng

RT: 19.215 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

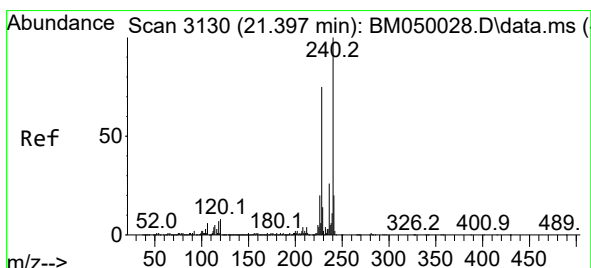
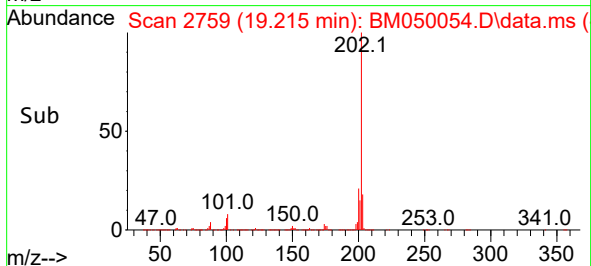
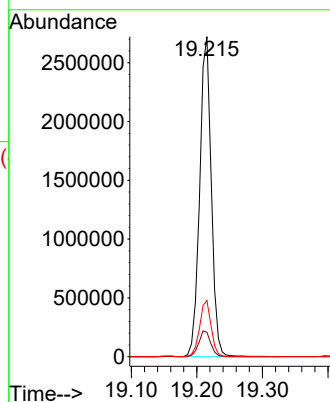
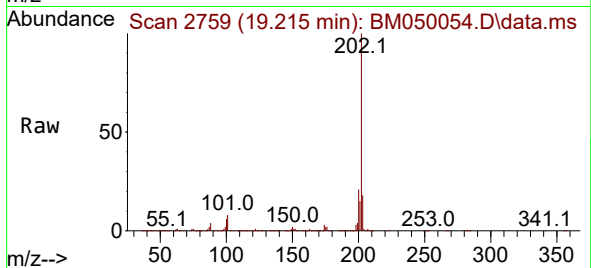
Tgt Ion:202 Resp: 3352057

Ion Ratio Lower Upper

202 100

101 7.6 0.0 28.0

203 17.6 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3129

Delta R.T. -0.005 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

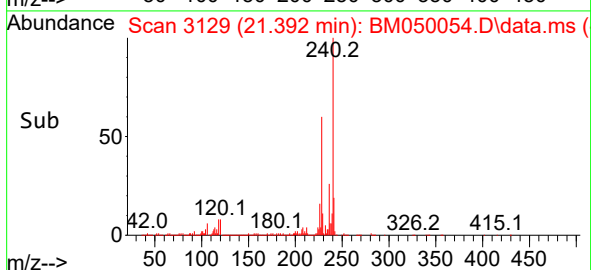
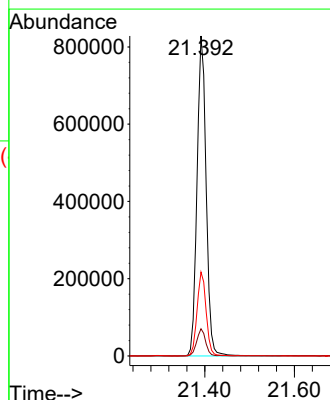
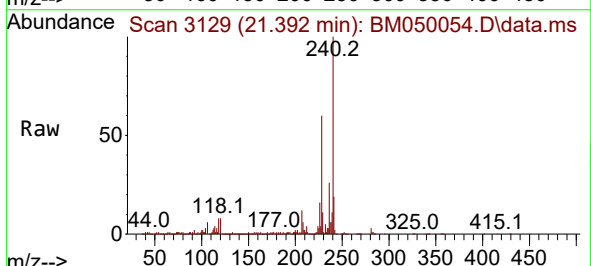
Tgt Ion:240 Resp: 1168652

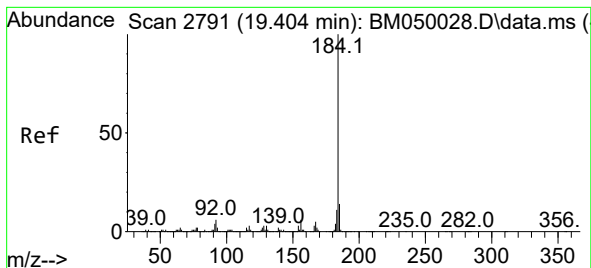
Ion Ratio Lower Upper

240 100

120 8.5 6.5 9.7

236 26.2 20.9 31.3





#77

Benzidine

Concen: 39.490 ng

RT: 19.398 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

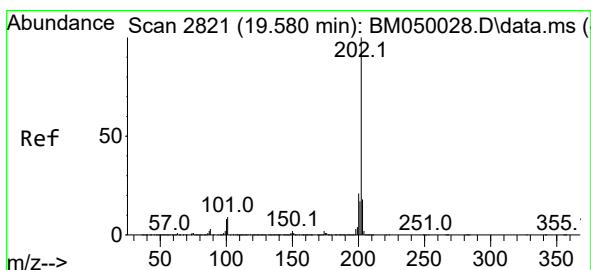
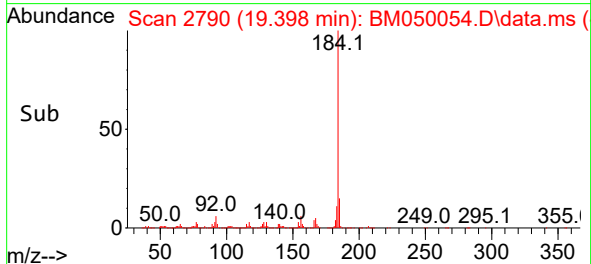
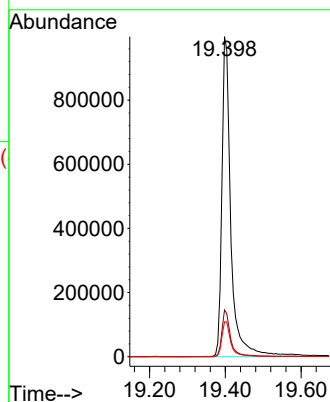
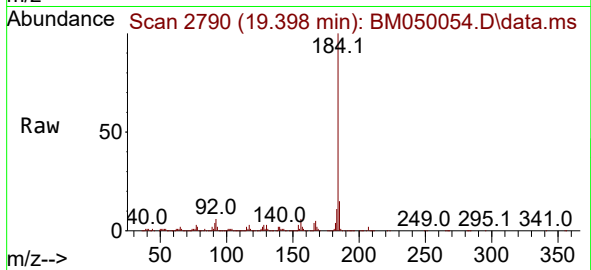
Tgt Ion:184 Resp: 1639286

Ion Ratio Lower Upper

184 100

185 14.6 11.5 17.3

183 10.9 8.9 13.3



#78

Pyrene

Concen: 42.588 ng

RT: 19.574 min Scan# 2820

Delta R.T. -0.006 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

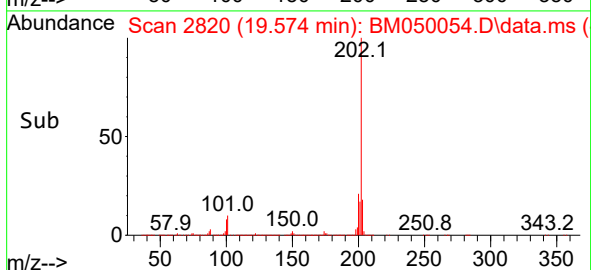
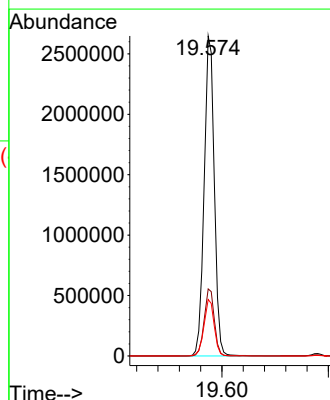
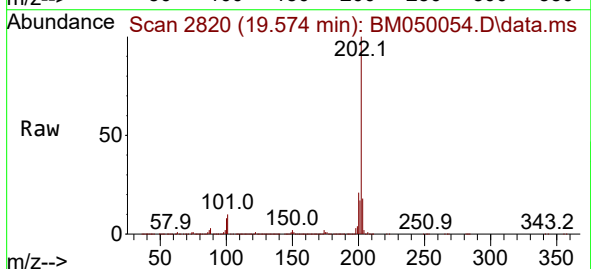
Tgt Ion:202 Resp: 3495020

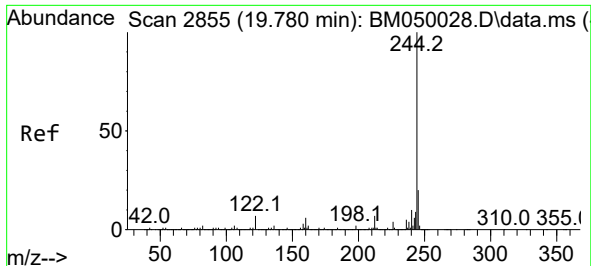
Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

203 17.6 14.1 21.1

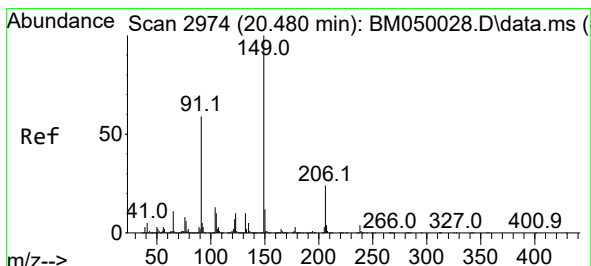
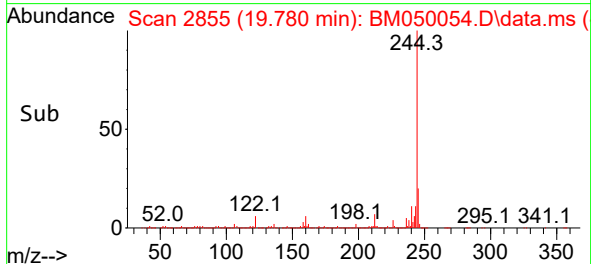
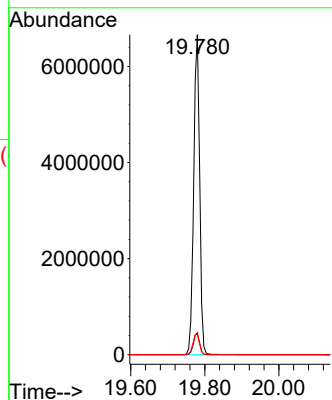
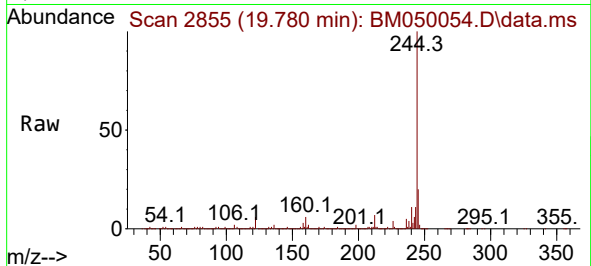




#79
 Terphenyl-d14
 Concen: 94.425 ng
 RT: 19.780 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM050054.D
 Acq: 30 Apr 2025 21:18

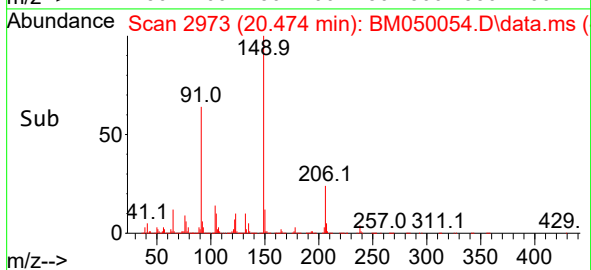
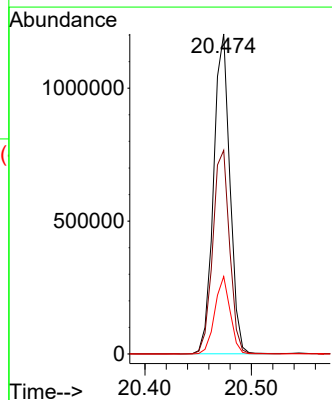
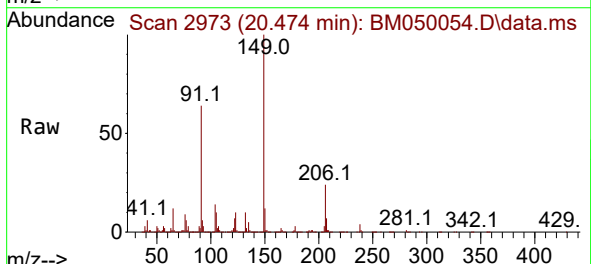
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

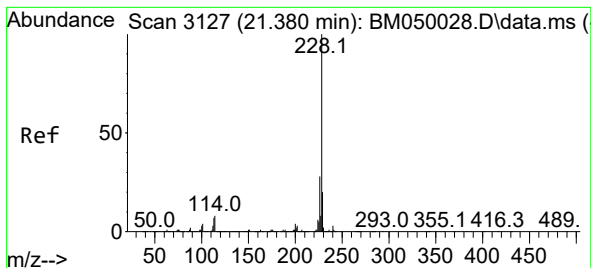
Tgt Ion:244 Resp: 7457359
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 6.3 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 41.632 ng
 RT: 20.474 min Scan# 2973
 Delta R.T. -0.006 min
 Lab File: BM050054.D
 Acq: 30 Apr 2025 21:18

Tgt Ion:149 Resp: 1279659
 Ion Ratio Lower Upper
 149 100
 91 63.6 47.4 71.2
 206 24.2 19.4 29.0





#81

Benzo(a)anthracene

Concen: 43.483 ng

RT: 21.374 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

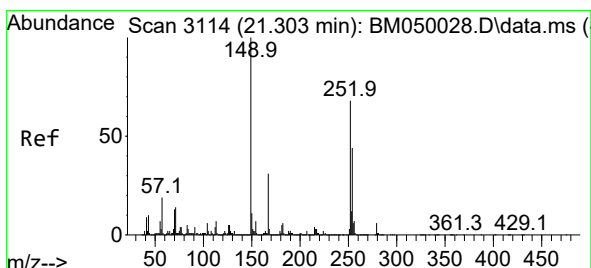
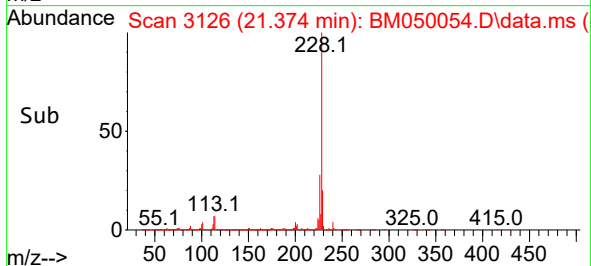
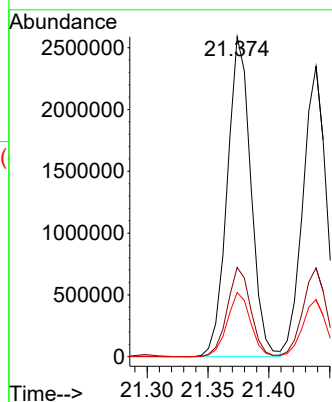
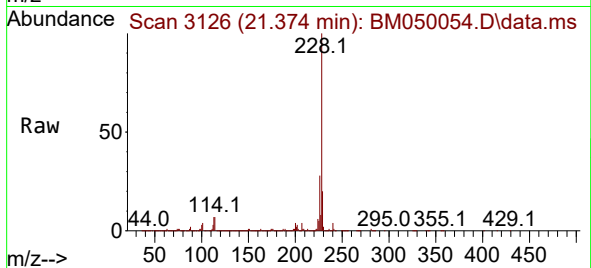
Tgt Ion:228 Resp: 3499337

Ion Ratio Lower Upper

228 100

226 27.9 22.1 33.1

229 20.0 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 42.493 ng

RT: 21.297 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

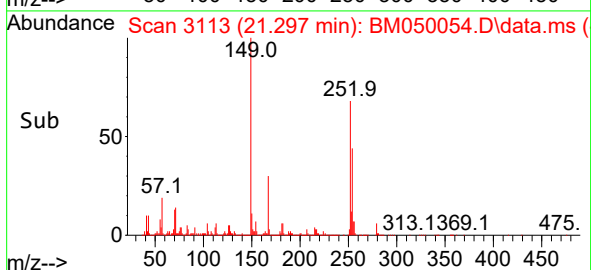
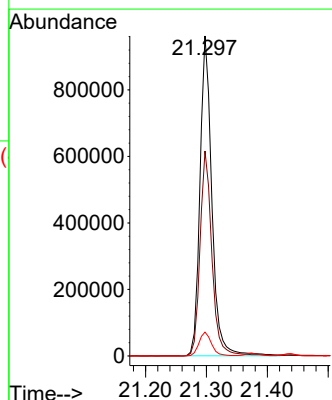
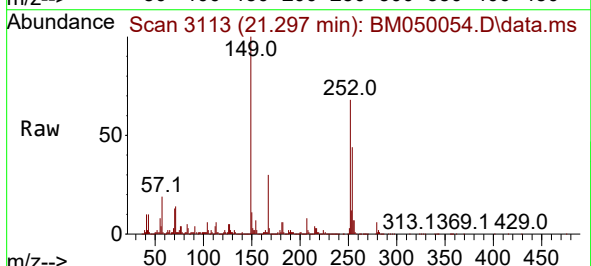
Tgt Ion:252 Resp: 1309088

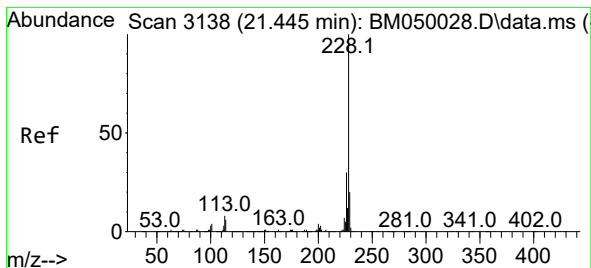
Ion Ratio Lower Upper

252 100

254 64.1 51.8 77.6

126 7.4 6.0 9.0





#83

Chrysene

Concen: 42.586 ng

RT: 21.439 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

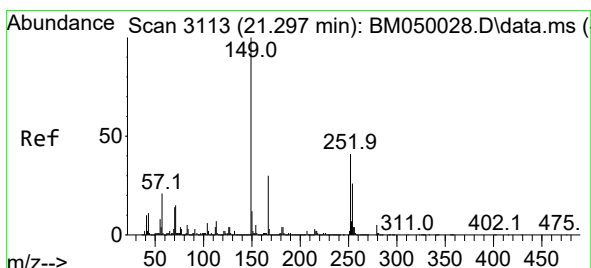
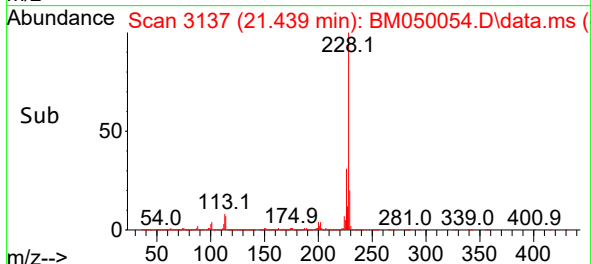
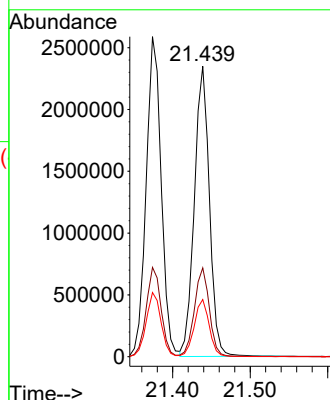
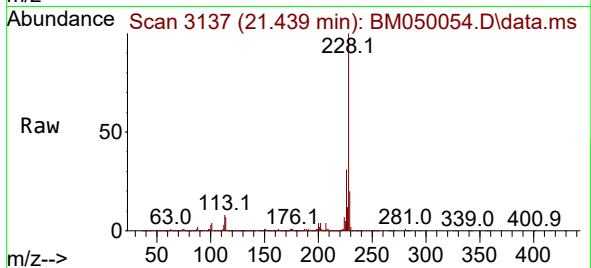
Tgt Ion:228 Resp: 3171890

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.2

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.580 ng

RT: 21.292 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

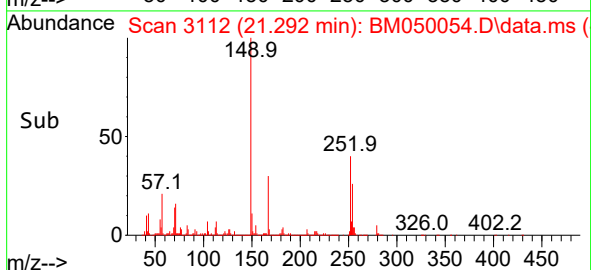
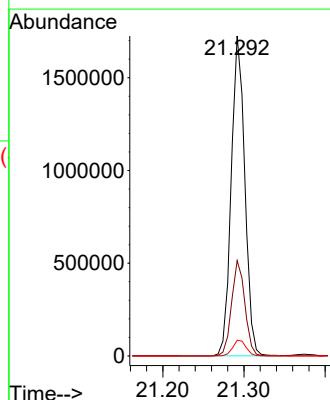
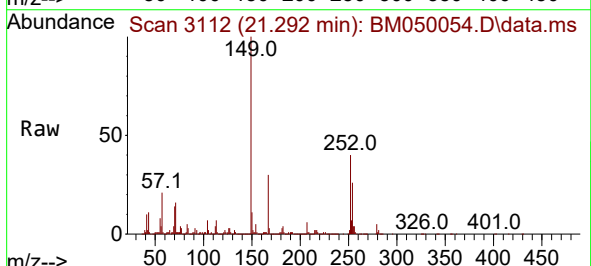
Tgt Ion:149 Resp: 2000776

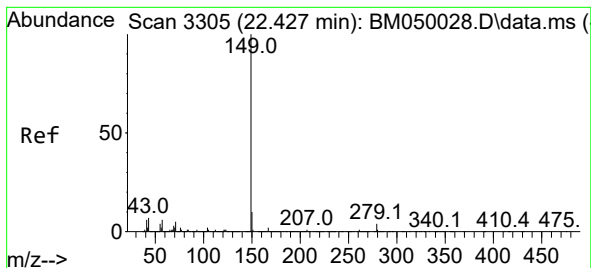
Ion Ratio Lower Upper

149 100

167 29.8 24.1 36.1

279 4.9 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 40.768 ng

RT: 22.421 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

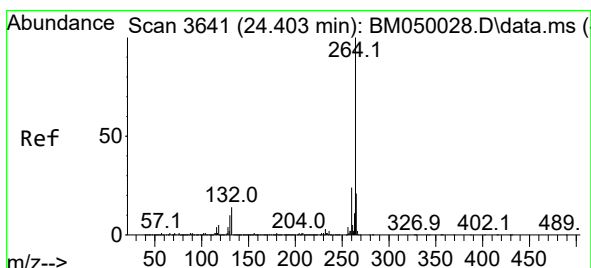
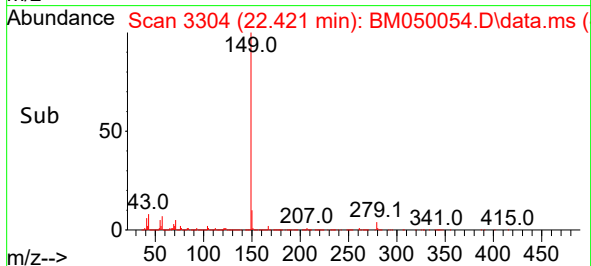
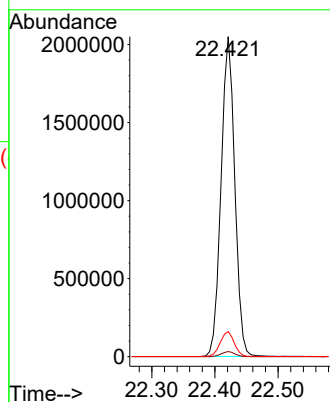
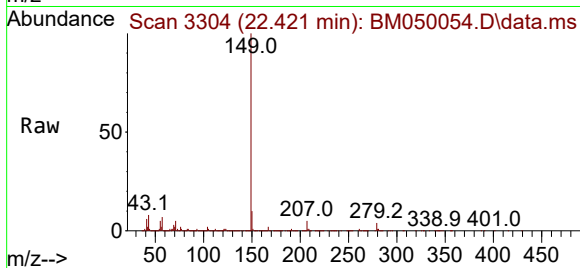
Tgt Ion:149 Resp: 3086707

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.0 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: BM050054.D

Acq: 30 Apr 2025 21:18

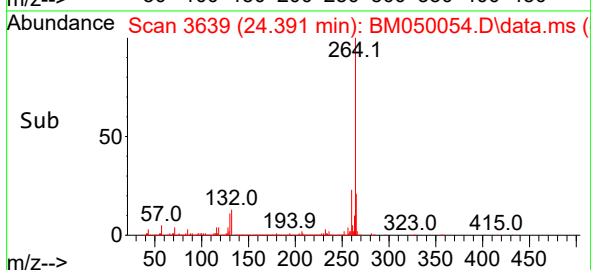
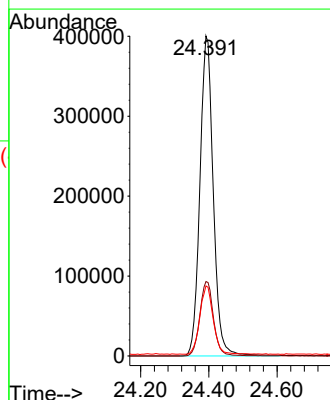
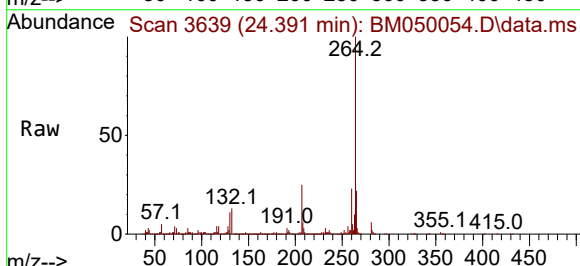
Tgt Ion:264 Resp: 1090575

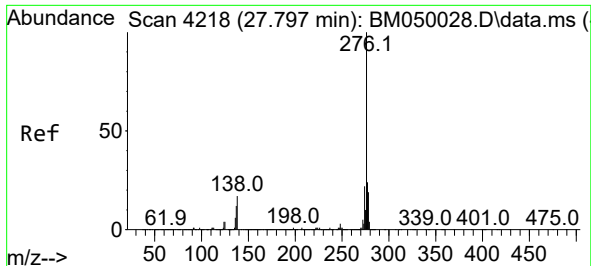
Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 21.9 17.0 25.4

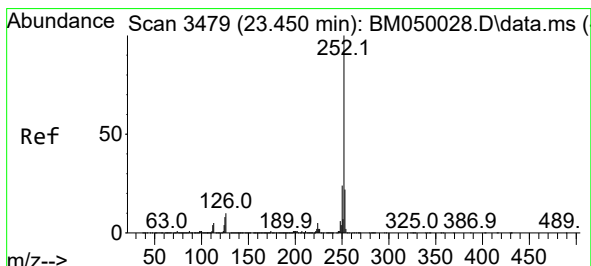
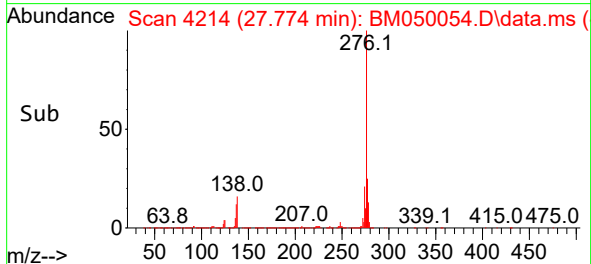
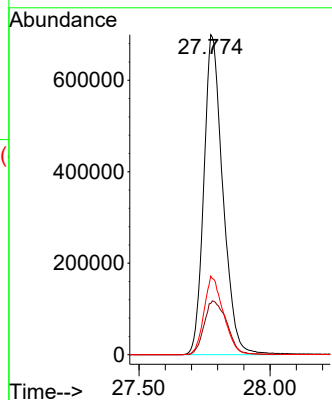
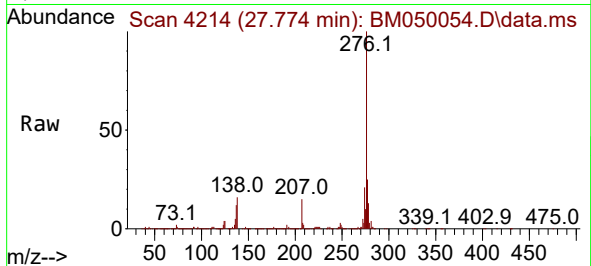




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.405 ng
RT: 27.774 min Scan# 41
Delta R.T. -0.024 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

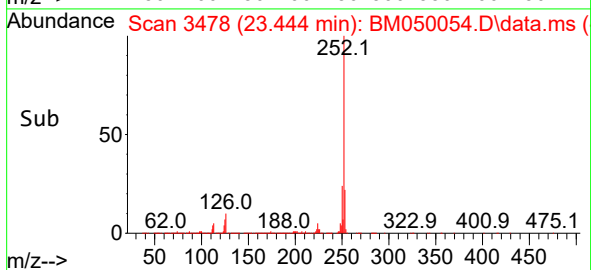
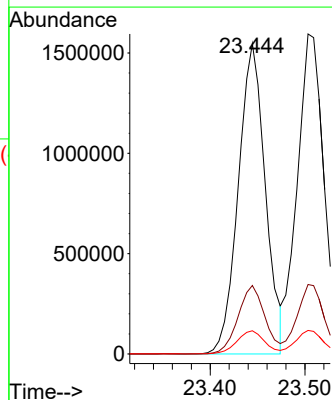
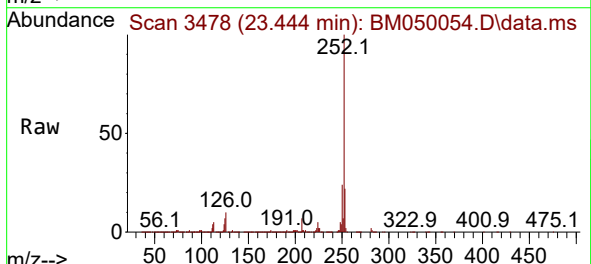
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

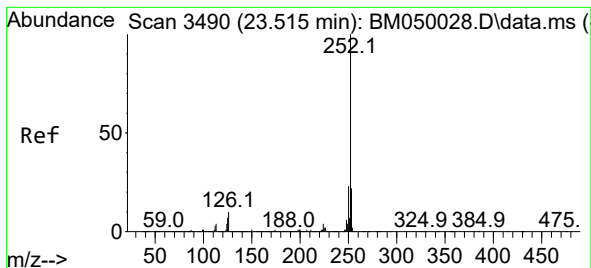
Tgt Ion:276 Resp: 3527144
Ion Ratio Lower Upper
276 100
138 20.2 16.4 24.6
277 25.1 19.8 29.8



#88
Benzo(b)fluoranthene
Concen: 43.198 ng
RT: 23.444 min Scan# 3478
Delta R.T. -0.006 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

Tgt Ion:252 Resp: 3063766
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 7.5 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 44.181 ng

RT: 23.503 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

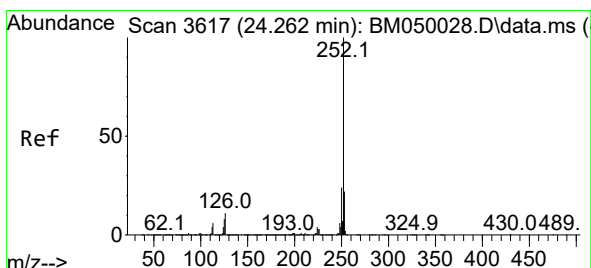
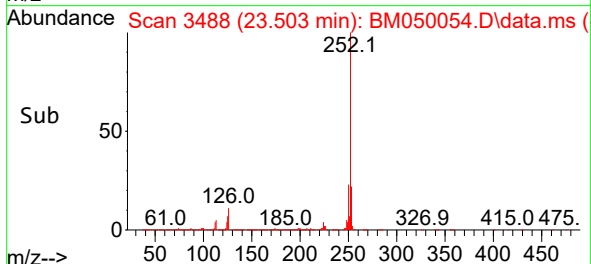
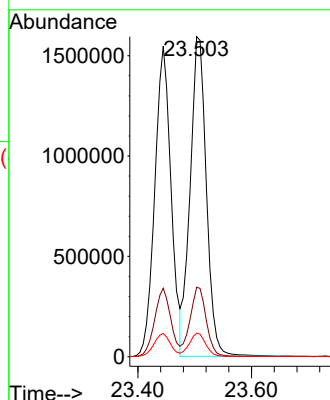
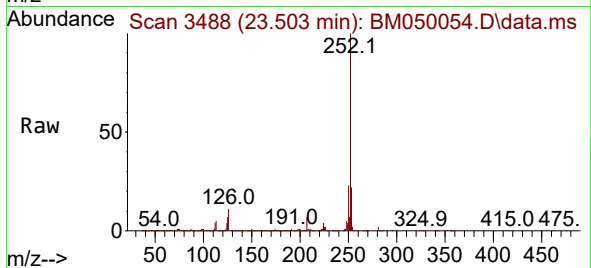
Tgt Ion:252 Resp: 3169596

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 7.4 5.8 8.8



#90

Benzo(a)pyrene

Concen: 43.072 ng

RT: 24.250 min Scan# 3615

Delta R.T. -0.012 min

Lab File: BM050054.D

Acq: 30 Apr 2025 21:18

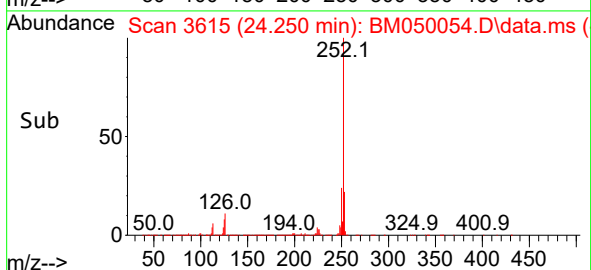
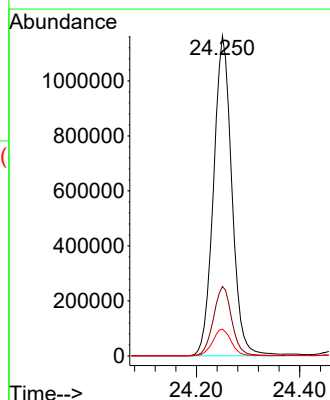
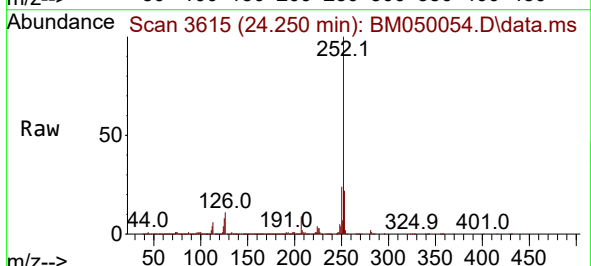
Tgt Ion:252 Resp: 2861159

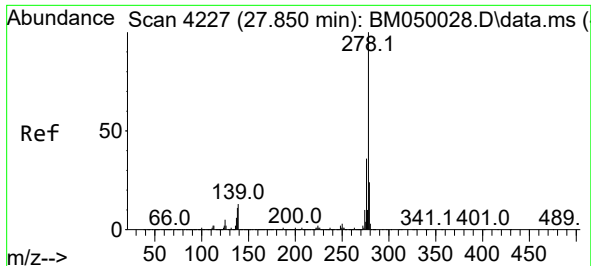
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 8.4 6.6 9.8

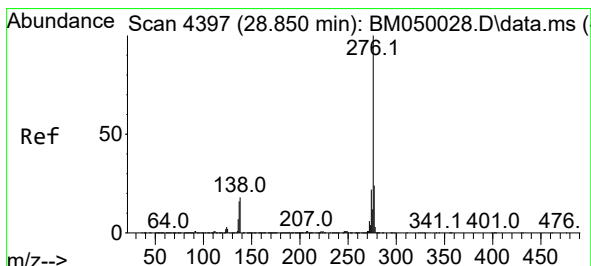
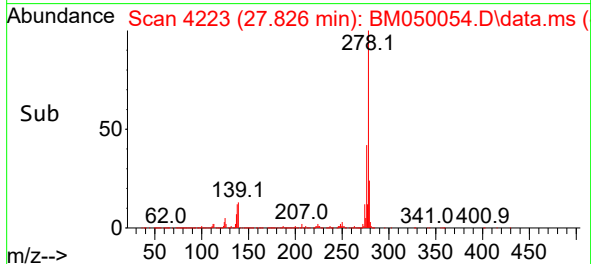
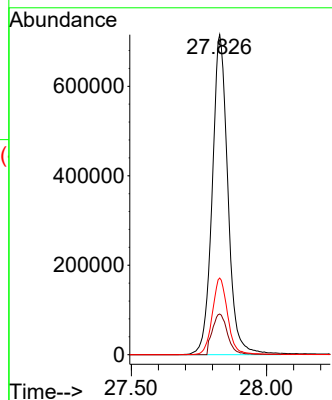
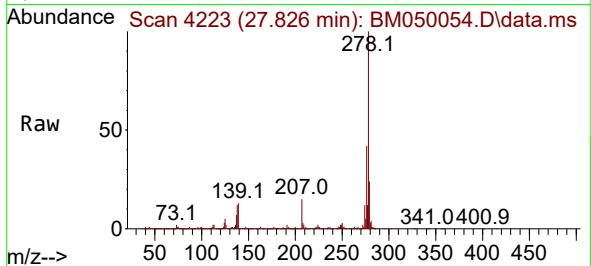




#91
Dibenzo(a,h)anthracene
Concen: 43.386 ng
RT: 27.826 min Scan# 41
Delta R.T. -0.024 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 2873981
Ion Ratio Lower Upper
278 100
139 12.7 10.5 15.7
279 23.9 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 43.058 ng
RT: 28.832 min Scan# 4394
Delta R.T. -0.018 min
Lab File: BM050054.D
Acq: 30 Apr 2025 21:18

Tgt Ion:276 Resp: 2730616
Ion Ratio Lower Upper
276 100
277 24.0 19.1 28.7
138 17.4 14.3 21.5

