

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043025\
 Data File : BM050052.D
 Acq On : 30 Apr 2025 19:20
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 01 02:18:38 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	246714	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	921631	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	608103	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1206903	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1210247	20.000	ng	0.00
86) Perylene-d12	24.391	264	1136546	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1211565	85.992	ng	0.00
7) Phenol-d6	6.946	99	1561987	88.206	ng	0.00
23) Nitrobenzene-d5	8.922	82	1640689	87.722	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	789023	87.751	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	4556919	88.649	ng	0.00
79) Terphenyl-d14	19.780	244	7518456	91.926	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.252	88	256559	42.469	ng	100
3) Pyridine	3.652	79	682069	43.944	ng	95
4) n-Nitrosodimethylamine	3.563	42	267385	43.923	ng	98
6) Aniline	7.093	93	964706	43.142	ng	99
8) 2-Chlorophenol	7.334	128	649598	42.642	ng	98
9) Benzaldehyde	6.904	77	516330	43.570	ng	99
10) Phenol	6.975	94	782417	43.645	ng	98
11) bis(2-Chloroethyl)ether	7.187	93	647045	43.225	ng	99
12) 1,3-Dichlorobenzene	7.651	146	768066	41.739	ng	99
13) 1,4-Dichlorobenzene	7.798	146	776993	42.030	ng	99
14) 1,2-Dichlorobenzene	8.116	146	750047	42.002	ng	99
15) Benzyl Alcohol	8.010	79	546315	44.486	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.287	45	800911	44.015	ng	99
17) 2-Methylphenol	8.222	107	513868	43.512	ng	99
18) Hexachloroethane	8.839	117	277797	42.272	ng	100
19) n-Nitroso-di-n-propyla...	8.569	70	510171	44.920	ng	98
20) 3+4-Methylphenols	8.551	107	699911	43.886	ng	99
22) Acetophenone	8.587	105	993242	43.348	ng	# 99
24) Nitrobenzene	8.963	77	702988	43.469	ng	99
25) Isophorone	9.492	82	1371097	43.006	ng	98
26) 2-Nitrophenol	9.675	139	359603	43.526	ng	96
27) 2,4-Dimethylphenol	9.745	122	598184	43.659	ng	99
28) bis(2-Chloroethoxy)met...	9.969	93	849883	43.130	ng	99
29) 2,4-Dichlorophenol	10.222	162	664982	43.323	ng	99
30) 1,2,4-Trichlorobenzene	10.422	180	778919	41.651	ng	99
31) Naphthalene	10.604	128	1967893	42.163	ng	100
32) Benzoic acid	9.910	122	364389	41.584	ng	98
33) 4-Chloroaniline	10.722	127	824706	43.109	ng	99
34) Hexachlorobutadiene	10.892	225	499984	42.119	ng	98
35) Caprolactam	11.516	113	190259	42.512	ng	93
36) 4-Chloro-3-methylphenol	11.863	107	606439	42.764	ng	98
37) 2-Methylnaphthalene	12.222	142	1321800	42.240	ng	99
38) 1-Methylnaphthalene	12.445	142	1391335	42.014	ng	99
40) 1,2,4,5-Tetrachloroben...	12.598	216	917457	43.583	ng	99
41) Hexachlorocyclopentadiene	12.575	237	544933	42.359	ng	100
43) 2,4,6-Trichlorophenol	12.845	196	587364	43.991	ng	98

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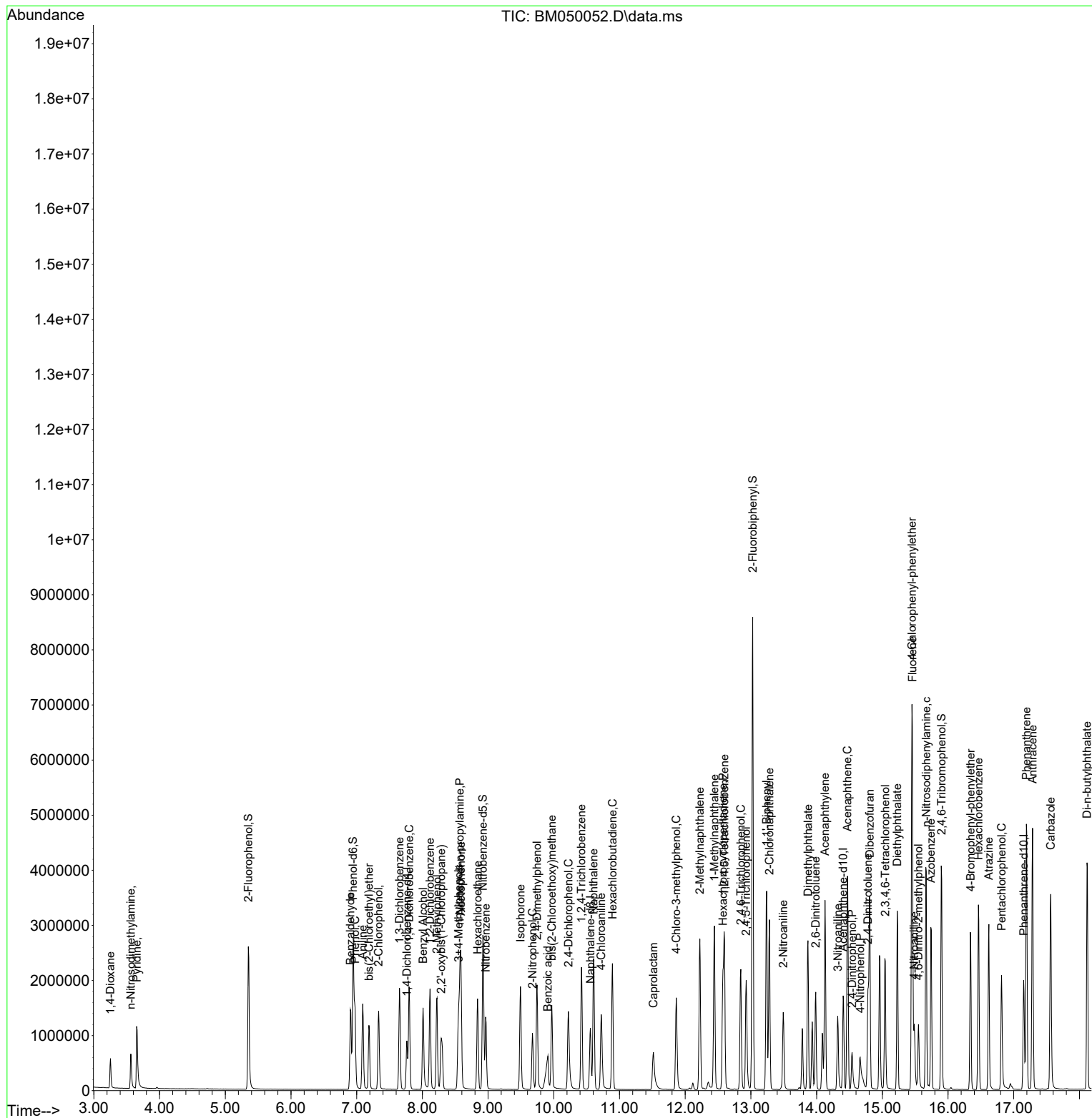
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.927	196	635473	44.136	ng	99
46) 1,1'-Biphenyl	13.239	154	1934447	42.794	ng	100
47) 2-Chloronaphthalene	13.280	162	1531682	42.783	ng	99
48) 2-Nitroaniline	13.492	65	380074	45.233	ng	98
49) Acenaphthylene	14.127	152	2408693	42.671	ng	100
50) Dimethylphthalate	13.869	163	1878104	42.261	ng	100
51) 2,6-Dinitrotoluene	13.986	165	398832	43.345	ng	97
52) Acenaphthene	14.469	154	1402125	42.913	ng	99
53) 3-Nitroaniline	14.322	138	380548	43.320	ng	96
54) 2,4-Dinitrophenol	14.539	184	202048	37.592	ng	98
55) Dibenzofuran	14.810	168	2320212	42.681	ng	99
56) 4-Nitrophenol	14.663	139	275260	40.867	ng	94
57) 2,4-Dinitrotoluene	14.780	165	561515	44.164	ng	97
58) Fluorene	15.457	166	1956059	43.960	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.045	232	543928	43.644	ng	99
60) Diethylphthalate	15.227	149	1778764	42.478	ng	100
61) 4-Chlorophenyl-phenyle...	15.451	204	1084318	44.366	ng	100
62) 4-Nitroaniline	15.486	138	381180	44.974	ng	96
63) Azobenzene	15.739	77	1563656	44.555	ng	98
65) 4,6-Dinitro-2-methylph...	15.551	198	310589	41.112	ng	97
66) n-Nitrosodiphenylamine	15.668	169	1600494	43.186	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	625456	42.855	ng	97
68) Hexachlorobenzene	16.463	284	712239	42.336	ng	100
69) Atrazine	16.621	200	579434	43.344	ng	99
70) Pentachlorophenol	16.815	266	411970	43.504	ng	99
71) Phenanthrene	17.192	178	2937185	43.149	ng	100
72) Anthracene	17.286	178	2986673	43.356	ng	100
73) Carbazole	17.562	167	2568034	42.961	ng	100
74) Di-n-butylphthalate	18.115	149	3065088	43.057	ng	99
75) Fluoranthene	19.215	202	3487707	43.640	ng	99
77) Benzidine	19.398	184	1621166	37.711	ng	99
78) Pyrene	19.574	202	3603294	42.398	ng	100
80) Butylbenzylphthalate	20.474	149	1322615	41.551	ng	96
81) Benzo(a)anthracene	21.374	228	3576630	42.916	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	1349081	42.286	ng	100
83) Chrysene	21.439	228	3283134	42.564	ng	100
84) Bis(2-ethylhexyl)phtha...	21.292	149	2035117	42.804	ng	100
85) Di-n-octyl phthalate	22.421	149	3216660	41.024	ng	99
87) Indeno(1,2,3-cd)pyrene	27.785	276	3637745	42.955	ng	99
88) Benzo(b)fluoranthene	23.450	252	3229711	43.696	ng	100
89) Benzo(k)fluoranthene	23.509	252	3237678	43.305	ng	99
90) Benzo(a)pyrene	24.256	252	2969353	42.893	ng	100
91) Dibenzo(a,h)anthracene	27.832	278	2983620	43.220	ng	99
92) Benzo(g,h,i)perylene	28.838	276	2810990	42.532	ng	99

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

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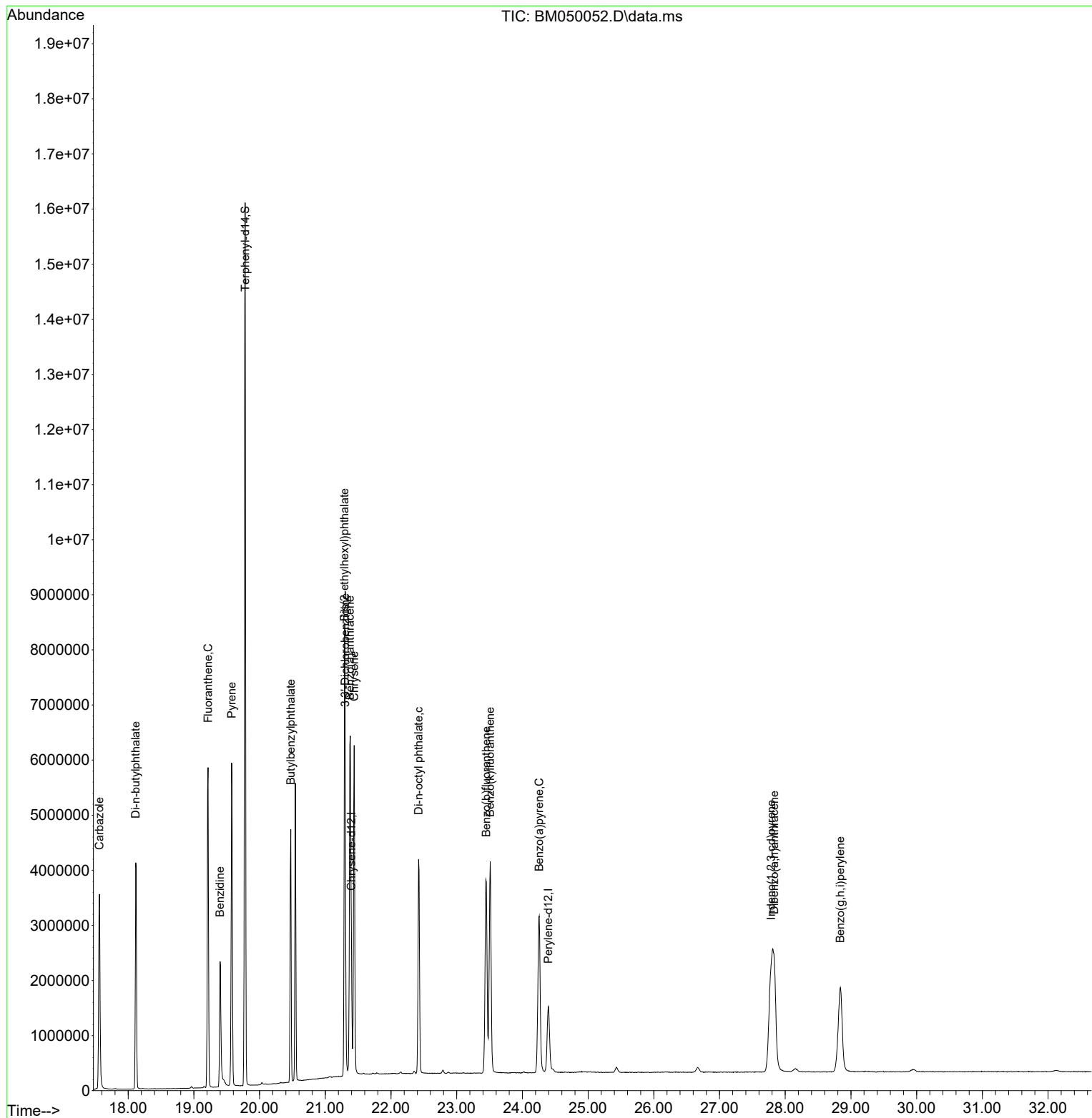
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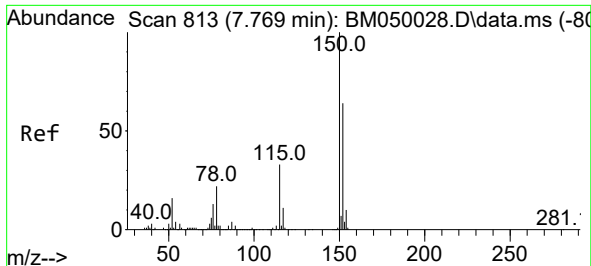


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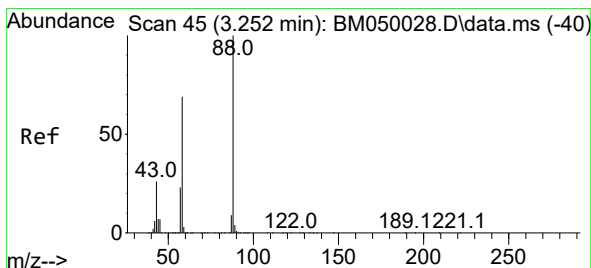
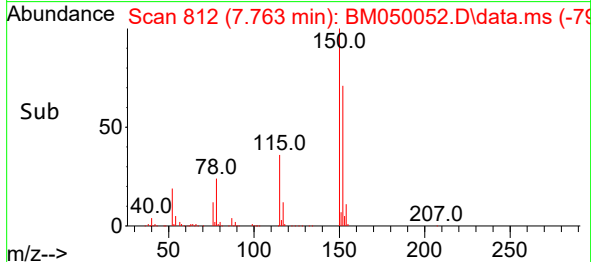
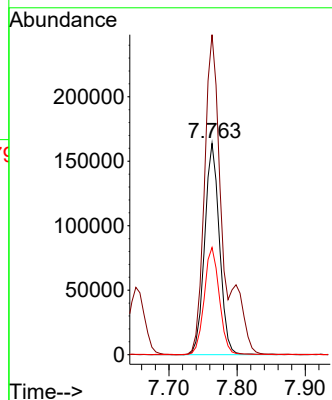
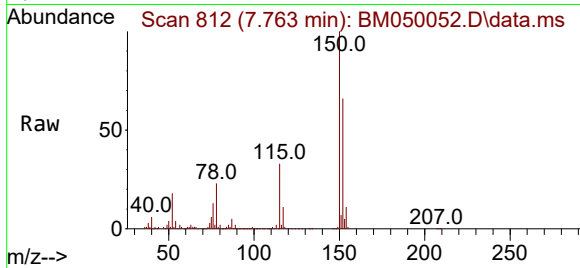




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.763 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM050052.D
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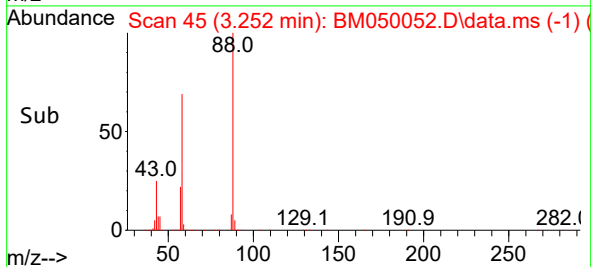
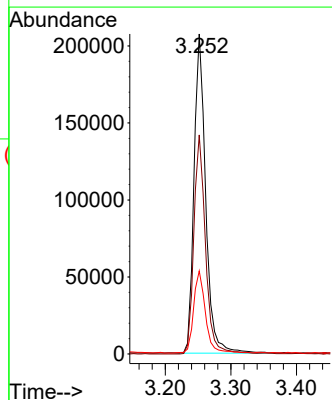
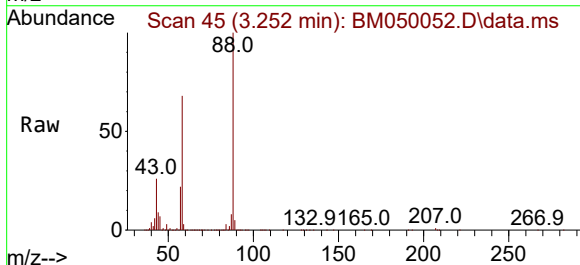
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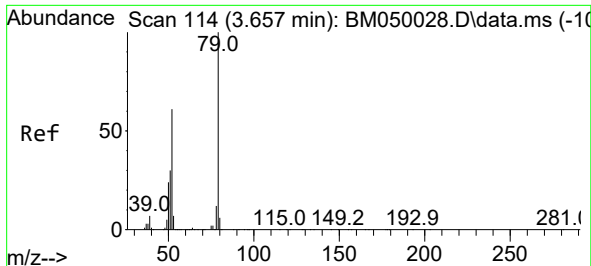
Tgt Ion:152 Resp: 246714
 Ion Ratio Lower Upper
 152 100
 150 151.4 124.1 186.1
 115 50.7 41.2 61.8



#2
 1,4-Dioxane
 Concen: 42.469 ng
 RT: 3.252 min Scan# 45
 Delta R.T. 0.000 min
 Lab File: BM050052.D
 Acq: 30 Apr 2025 19:20

Tgt Ion: 88 Resp: 256559
 Ion Ratio Lower Upper
 88 100
 58 68.6 55.1 82.7
 43 25.9 20.9 31.3

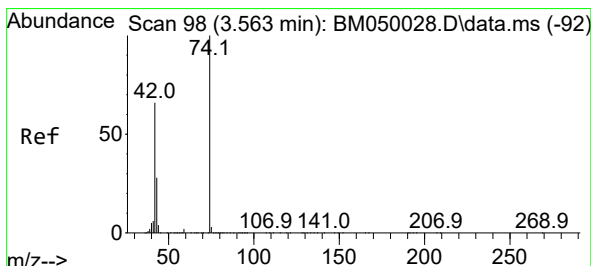
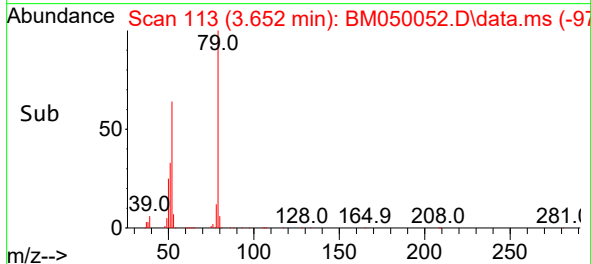
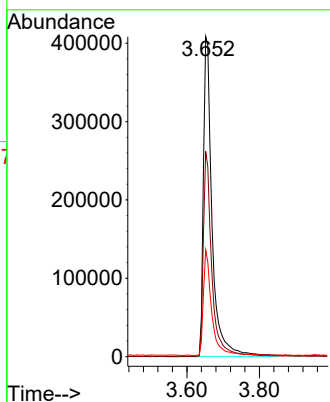
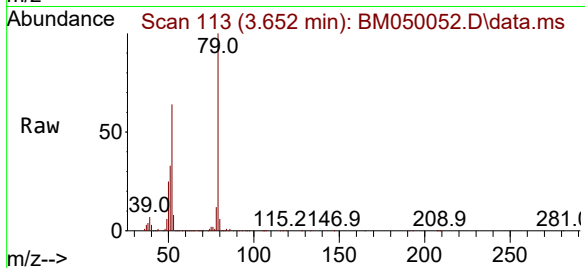




#3
 Pyridine
 Concen: 43.944 ng
 RT: 3.652 min Scan# 114
 Delta R.T. -0.006 min
 Lab File: BM050052.D
 Acq: 30 Apr 2025 19:20

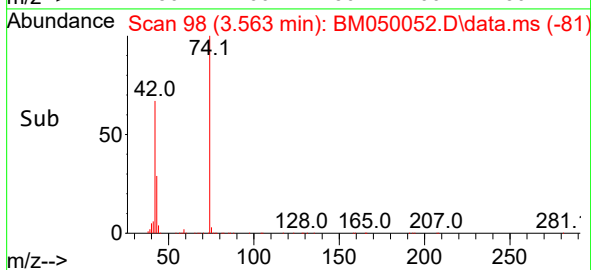
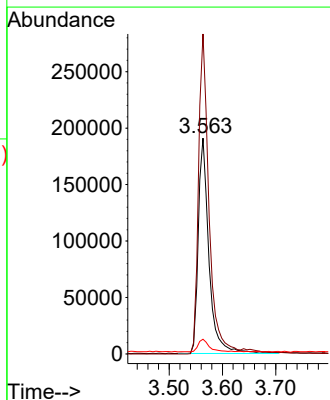
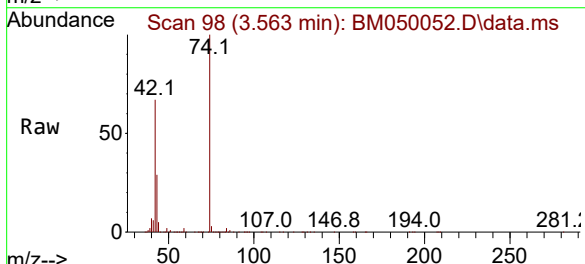
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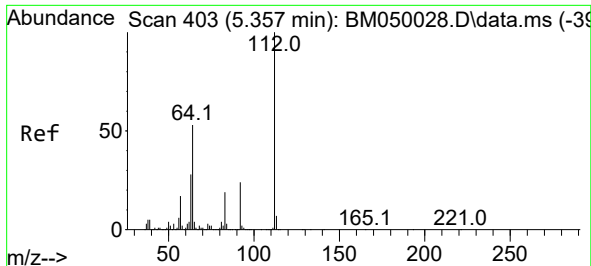
Tgt Ion: 79 Resp: 682069
 Ion Ratio Lower Upper
 79 100
 52 64.2 48.6 72.8
 51 33.3 24.6 37.0



#4
 n-Nitrosodimethylamine
 Concen: 43.923 ng
 RT: 3.563 min Scan# 98
 Delta R.T. 0.000 min
 Lab File: BM050052.D
 Acq: 30 Apr 2025 19:20

Tgt Ion: 42 Resp: 267385
 Ion Ratio Lower Upper
 42 100
 74 148.2 120.2 180.2
 44 6.8 6.2 9.2

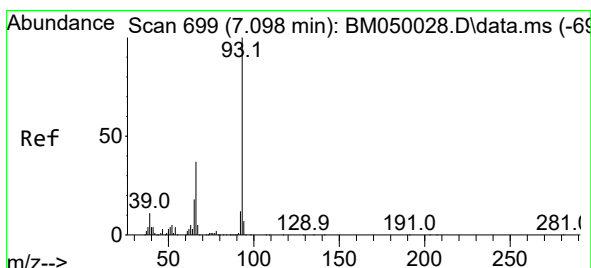
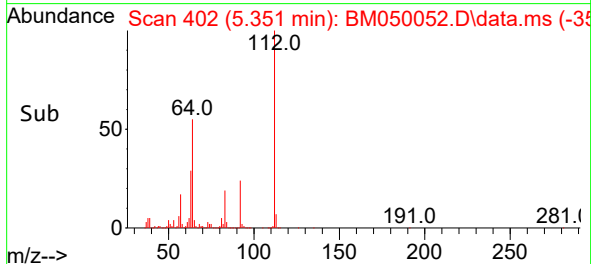
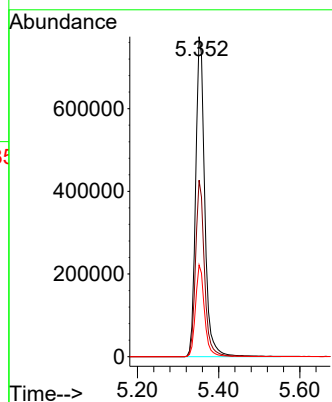
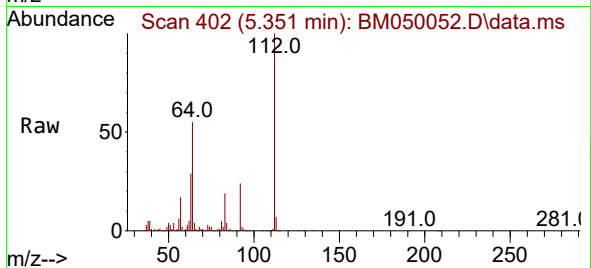




#5
2-Fluorophenol
Concen: 85.992 ng
RT: 5.351 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM050052.D
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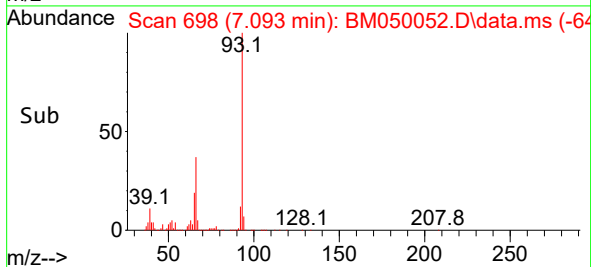
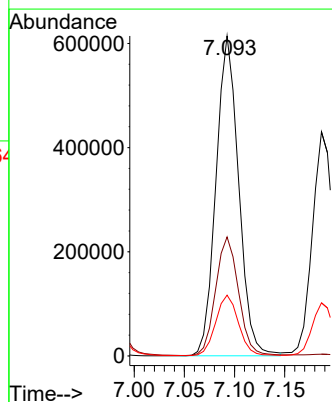
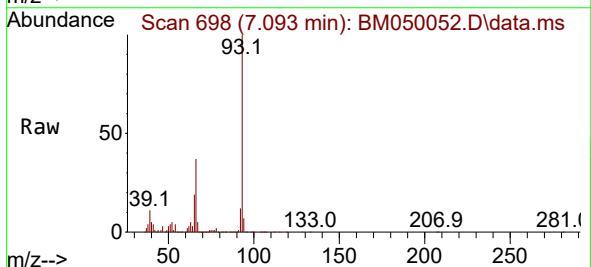
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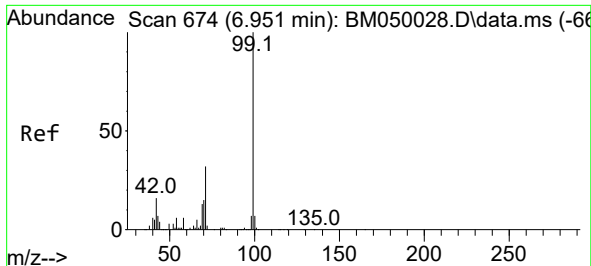
Tgt Ion:112 Resp: 1211565
Ion Ratio Lower Upper
112 100
64 55.1 42.6 64.0
63 28.6 22.2 33.4



#6
Aniline
Concen: 43.142 ng
RT: 7.093 min Scan# 698
Delta R.T. -0.006 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

Tgt Ion: 93 Resp: 964706
Ion Ratio Lower Upper
93 100
66 37.2 29.9 44.9
65 19.0 14.5 21.7

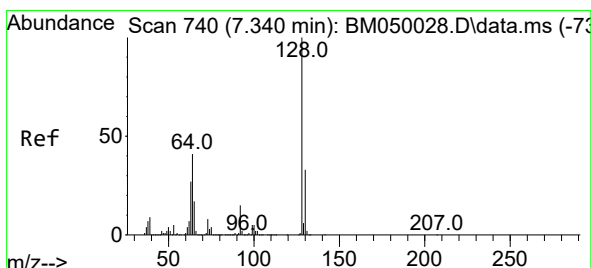
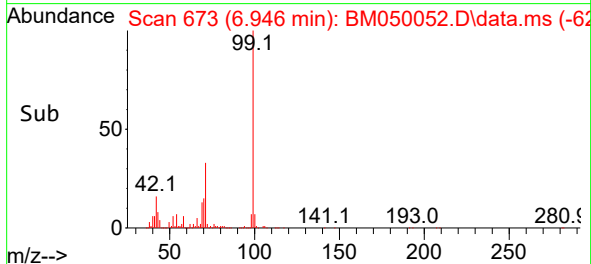
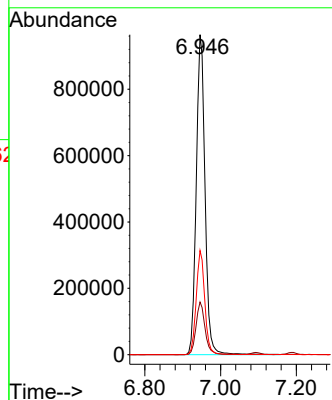
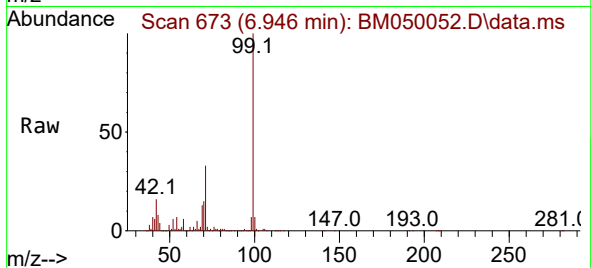




#7
Phenol-d6
Concen: 88.206 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.006 min
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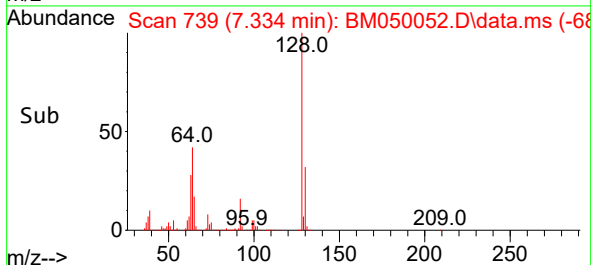
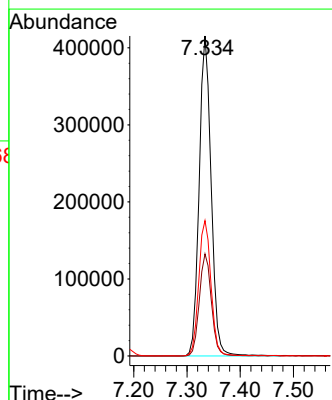
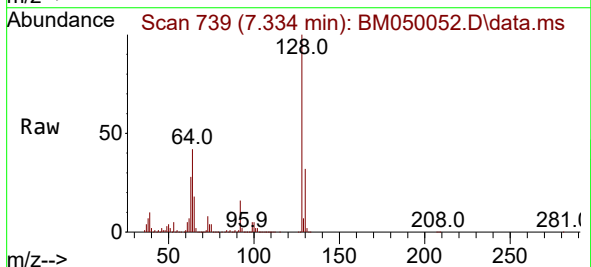
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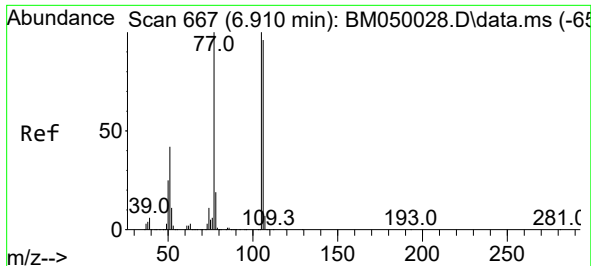
Tgt Ion: 99 Resp: 1561987
Ion Ratio Lower Upper
99 100
42 16.4 13.0 19.4
71 32.6 25.6 38.4



#8
2-Chlorophenol
Concen: 42.642 ng
RT: 7.334 min Scan# 739
Delta R.T. -0.006 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

Tgt Ion: 128 Resp: 649598
Ion Ratio Lower Upper
128 100
130 31.9 12.8 52.8
64 42.3 21.2 61.2

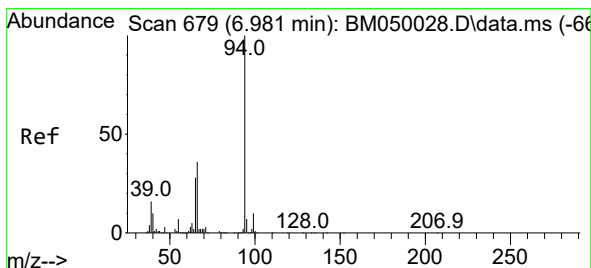
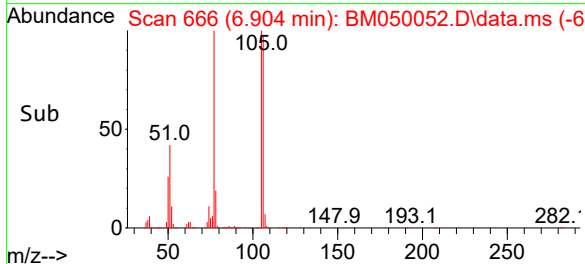
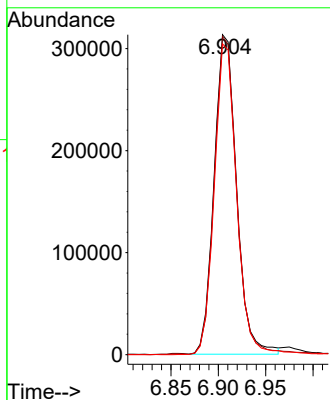
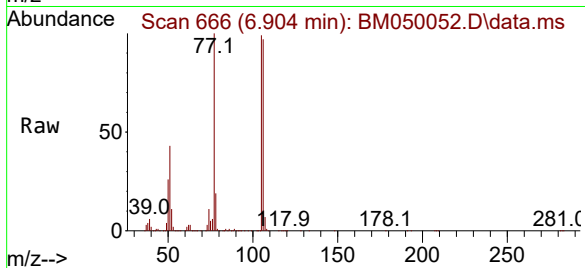




#9
Benzaldehyde
Concen: 43.570 ng
RT: 6.904 min Scan# 666
Delta R.T. -0.006 min
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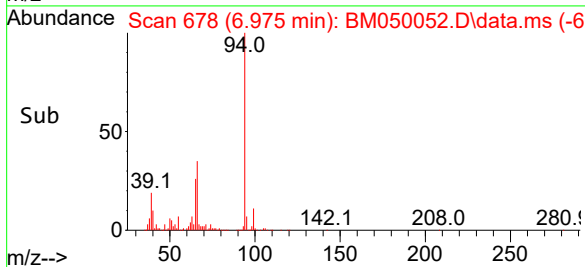
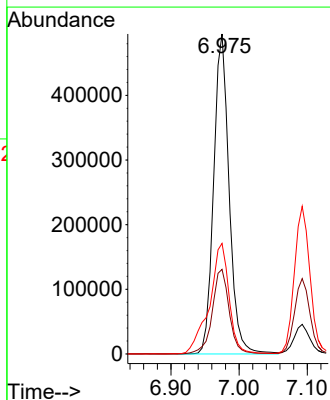
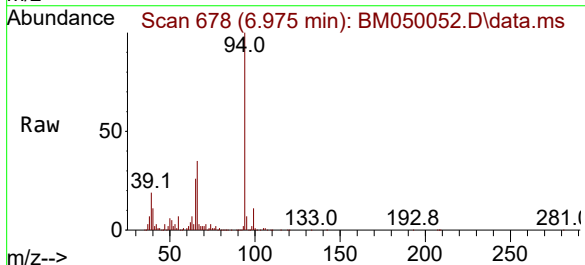
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ClientSampleId :
SSTDCCC040EC

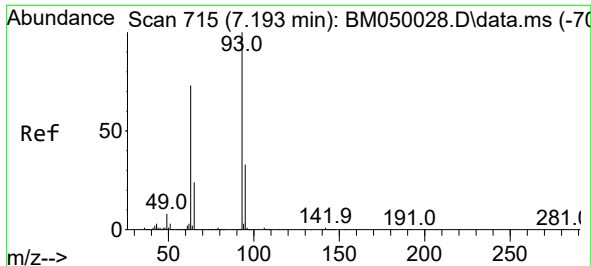
Tgt Ion: 77 Resp: 516330
Ion Ratio Lower Upper
77 100
105 99.4 80.5 120.5
106 97.2 76.1 116.1



#10
Phenol
Concen: 43.645 ng
RT: 6.975 min Scan# 678
Delta R.T. -0.006 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

Tgt Ion: 94 Resp: 782417
Ion Ratio Lower Upper
94 100
65 26.5 7.6 47.6
66 34.5 15.8 55.8

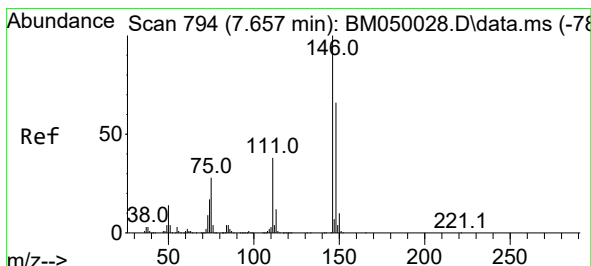
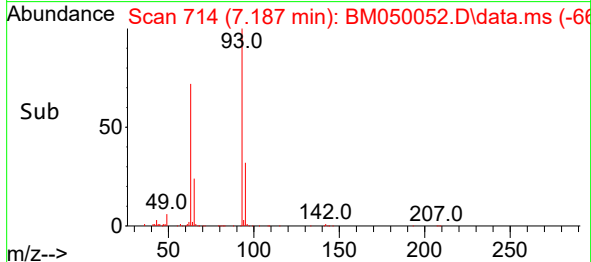
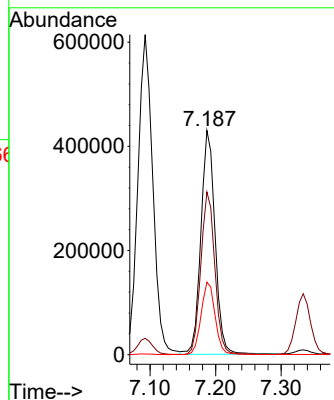
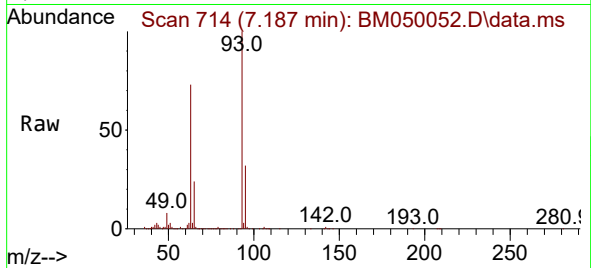




#11
bis(2-Chloroethyl)ether
Concen: 43.225 ng
RT: 7.187 min Scan# 714
Delta R.T. -0.006 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

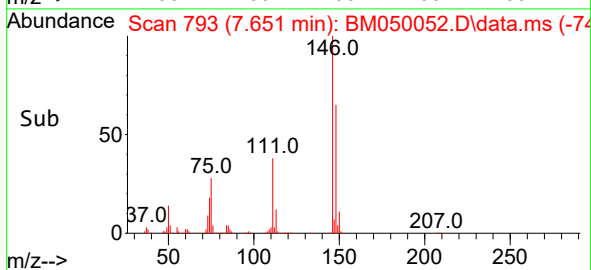
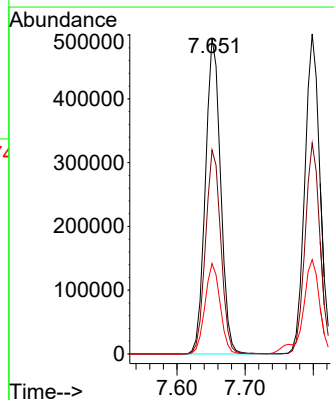
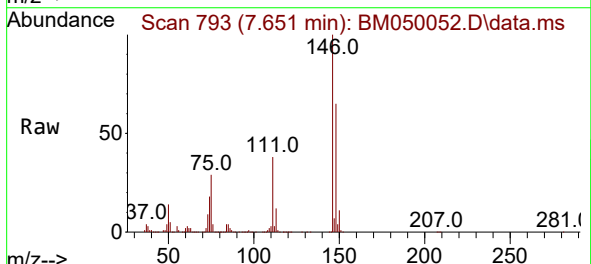
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

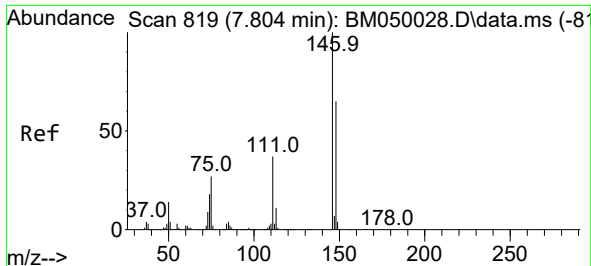
Tgt Ion: 93 Resp: 647045
Ion Ratio Lower Upper
93 100
63 72.6 52.3 92.3
95 32.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.739 ng
RT: 7.651 min Scan# 793
Delta R.T. -0.006 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

Tgt Ion:146 Resp: 768066
Ion Ratio Lower Upper
146 100
148 64.7 52.5 78.7
75 28.6 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 42.030 ng

RT: 7.798 min Scan# 819

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

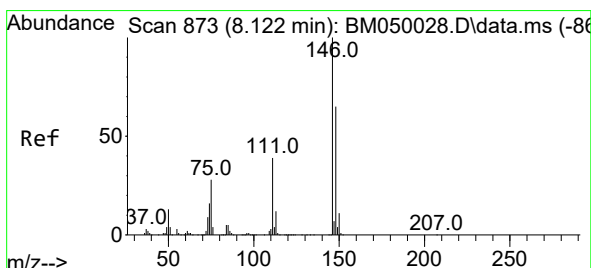
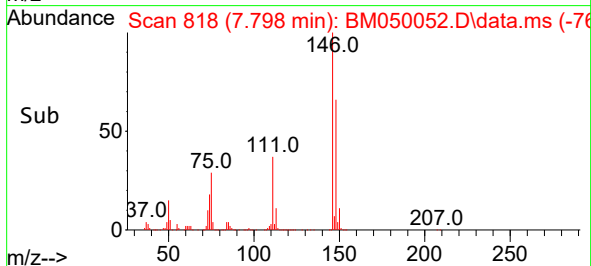
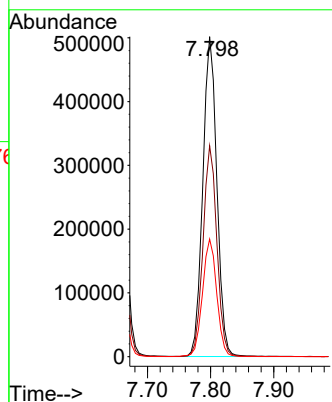
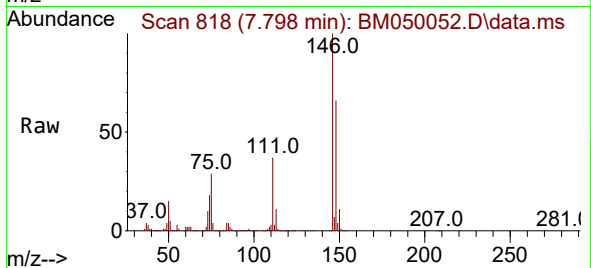
Tgt Ion:146 Resp: 776993

Ion Ratio Lower Upper

146 100

148 65.9 52.2 78.2

111 36.7 29.3 43.9



#14

1,2-Dichlorobenzene

Concen: 42.002 ng

RT: 8.116 min Scan# 872

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

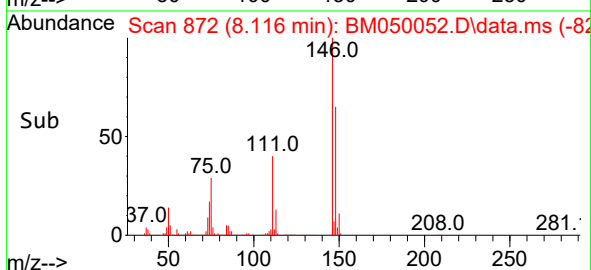
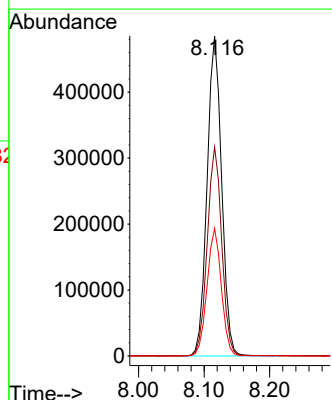
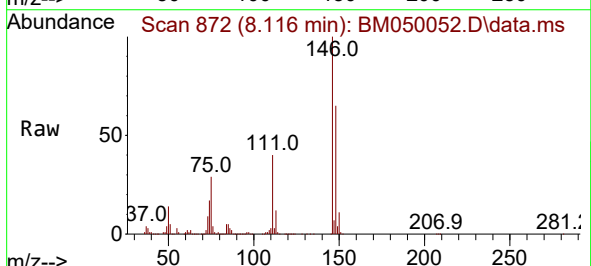
Tgt Ion:146 Resp: 750047

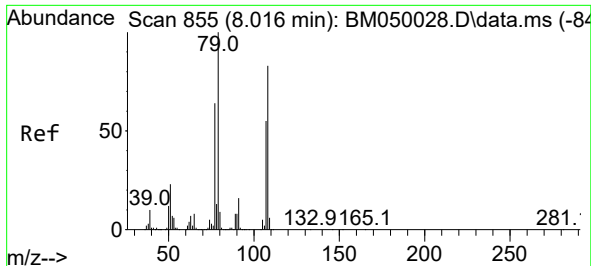
Ion Ratio Lower Upper

146 100

148 65.4 52.4 78.6

111 39.8 31.0 46.6

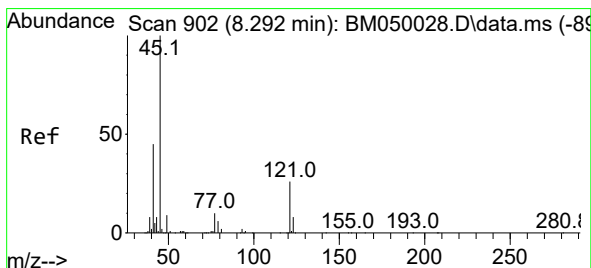
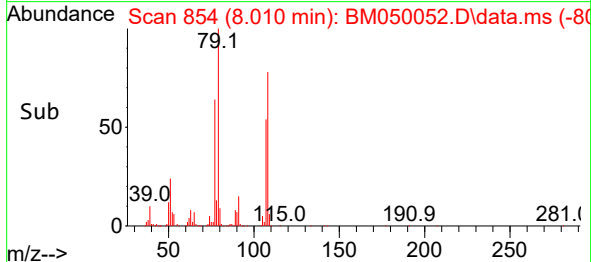
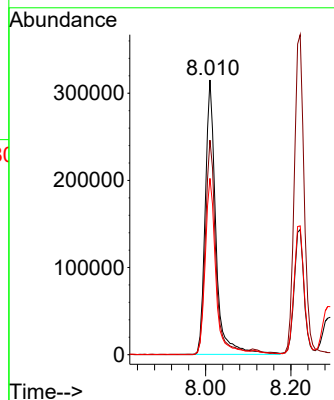
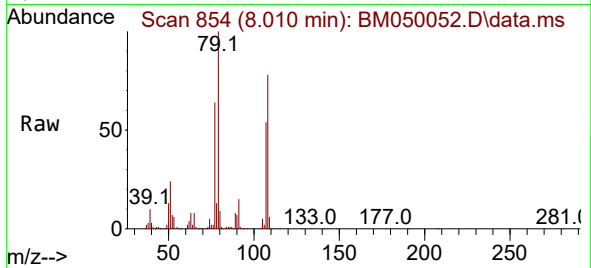




#15
Benzyl Alcohol
Concen: 44.486 ng
RT: 8.010 min Scan# 855
Delta R.T. -0.006 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

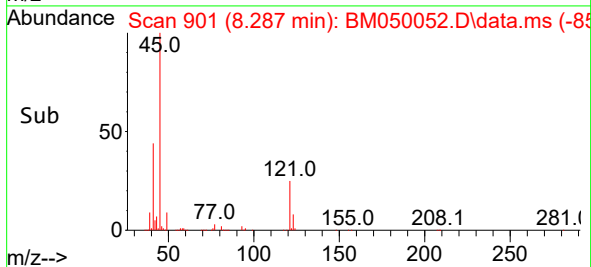
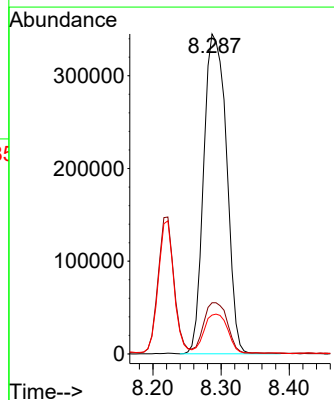
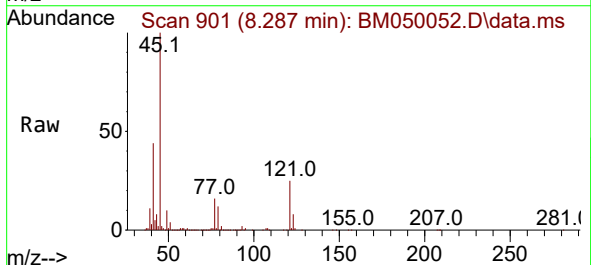
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

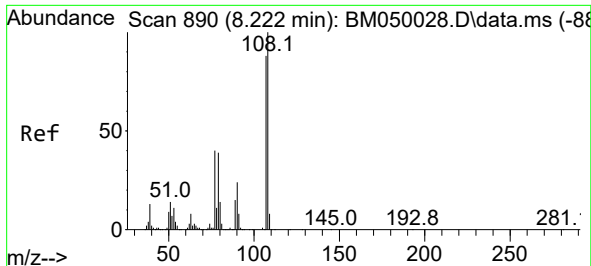
Tgt Ion: 79 Resp: 546315
Ion Ratio Lower Upper
79 100
108 78.1 66.0 99.0
77 64.2 51.6 77.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.015 ng
RT: 8.287 min Scan# 901
Delta R.T. -0.006 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

Tgt Ion: 45 Resp: 800911
Ion Ratio Lower Upper
45 100
77 16.0 0.0 36.4
79 12.2 0.0 32.7

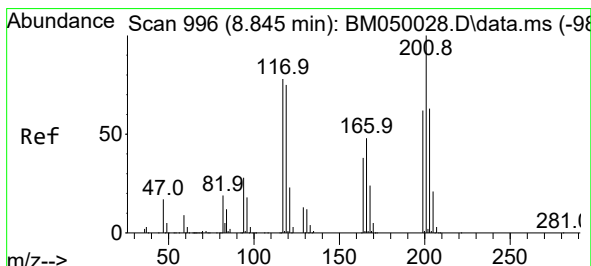
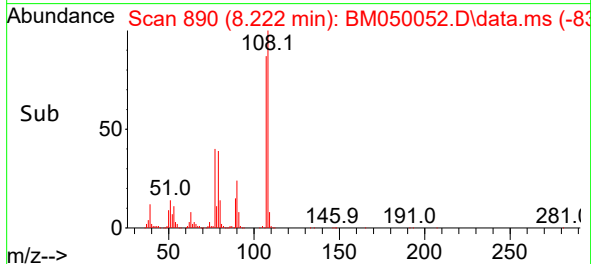
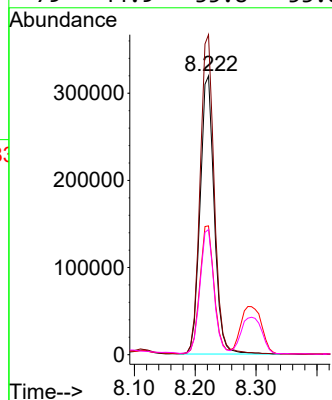
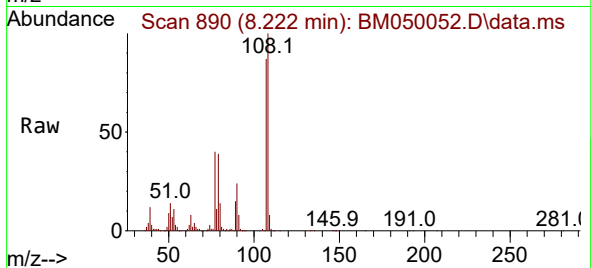




#17
2-Methylphenol
Concen: 43.512 ng
RT: 8.222 min Scan# 890
Delta R.T. 0.000 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

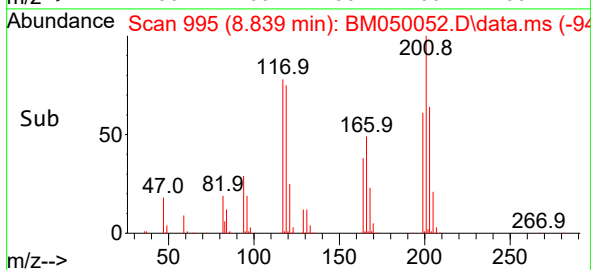
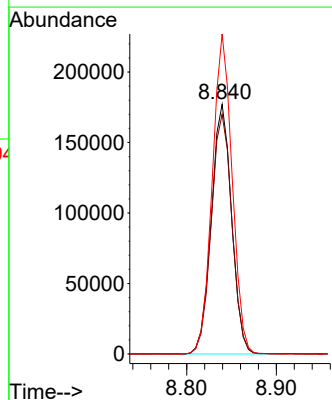
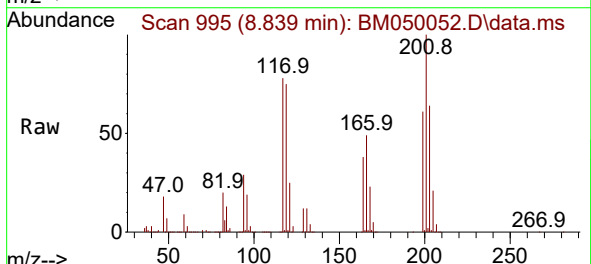
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

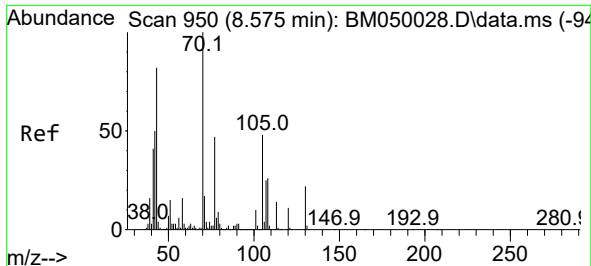
Tgt Ion:	107	Resp:	513868
Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.1	136.7
77	46.2	36.2	54.4
79	44.9	35.8	53.8



#18
Hexachloroethane
Concen: 42.272 ng
RT: 8.839 min Scan# 995
Delta R.T. -0.006 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

Tgt Ion:	117	Resp:	277797
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.3	115.9
201	128.2	102.8	154.2





#19

n-Nitroso-di-n-propylamine

Concen: 44.920 ng

RT: 8.569 min Scan# 949

Delta R.T. -0.006 min

Lab File: BM050052.D

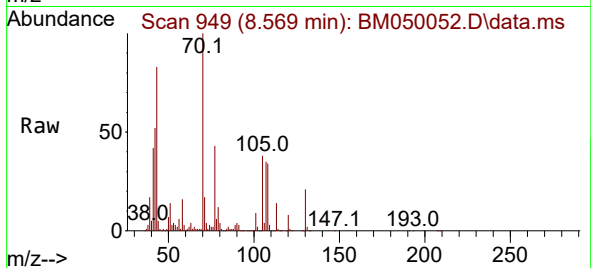
Acq: 30 Apr 2025 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 70 Resp: 510171

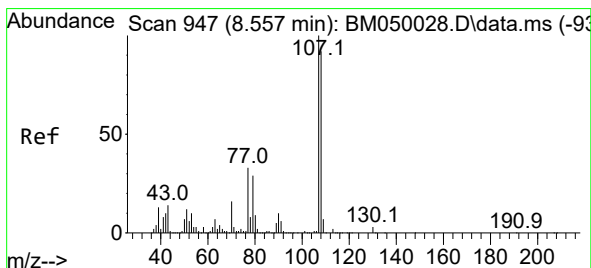
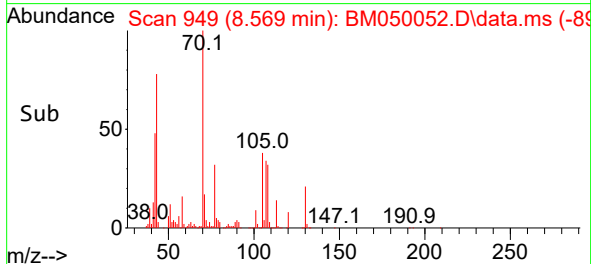
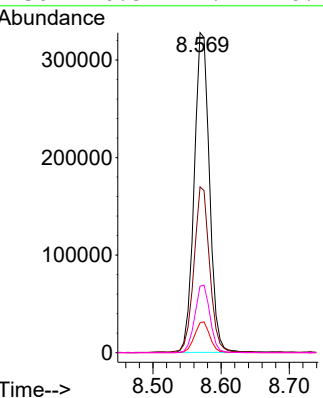
Ion Ratio Lower Upper

70 100

42 51.8 40.5 60.7

101 9.3 7.8 11.6

130 20.8 17.4 26.2



#20

3+4-Methylphenols

Concen: 43.886 ng

RT: 8.551 min Scan# 946

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

Tgt Ion: 107 Resp: 699911

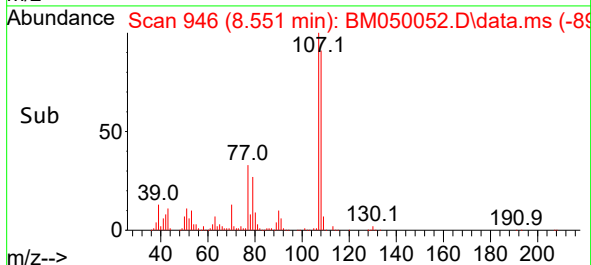
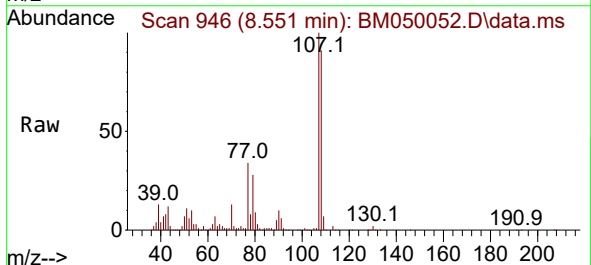
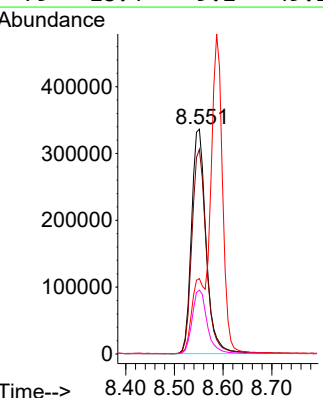
Ion Ratio Lower Upper

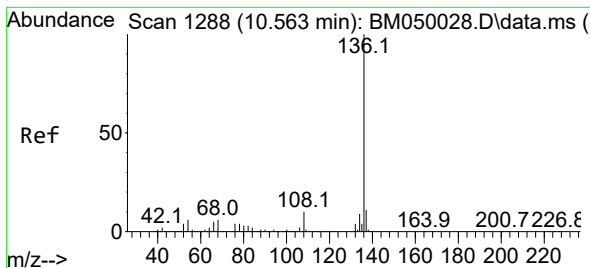
107 100

108 91.0 72.4 112.4

77 33.5 13.6 53.6

79 28.4 9.2 49.2

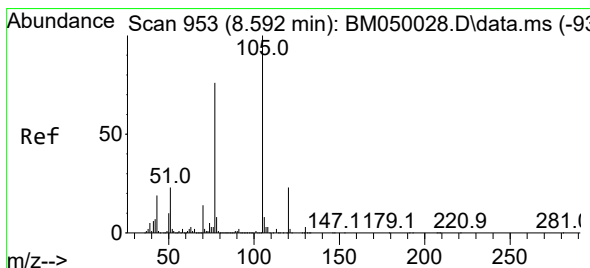
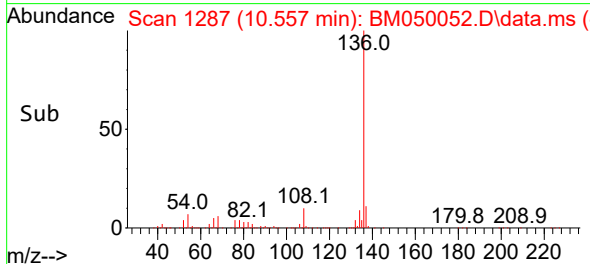
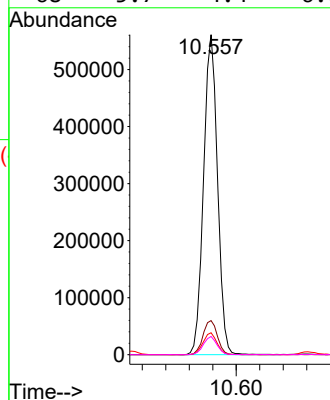
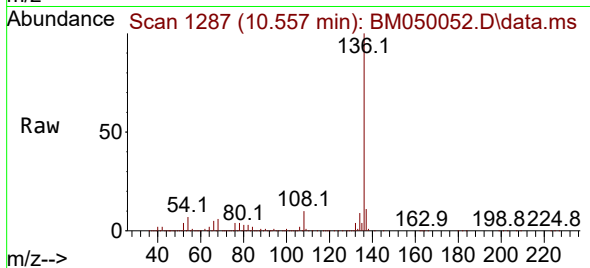




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

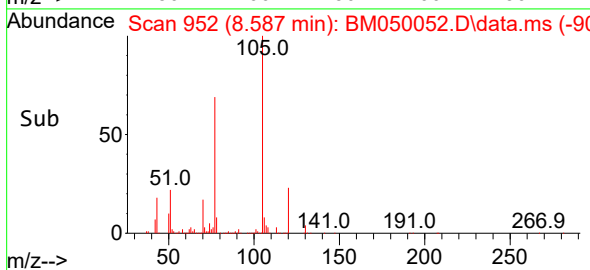
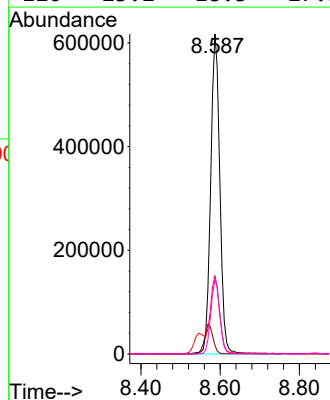
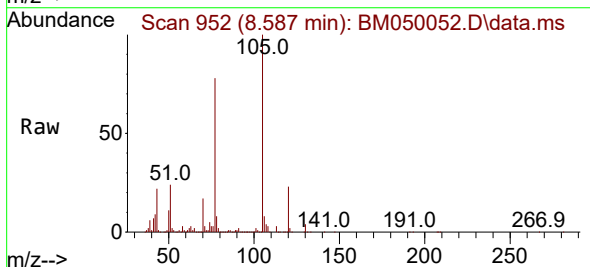
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

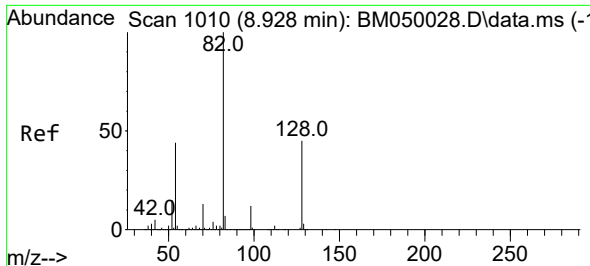
Tgt Ion:	136	Resp:	921631
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	6.8	5.1	7.7
68	5.7	4.4	6.6



#22
Acetophenone
Concen: 43.348 ng
RT: 8.587 min Scan# 952
Delta R.T. -0.006 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

Tgt Ion:	105	Resp:	993242
Ion Ratio	Lower	Upper	
105	100		
71	2.7	1.7	2.5
51	24.3	18.6	27.8
120	23.2	18.3	27.5

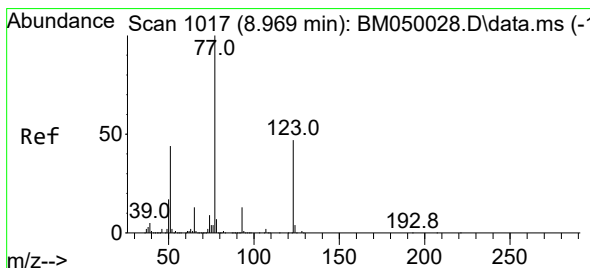
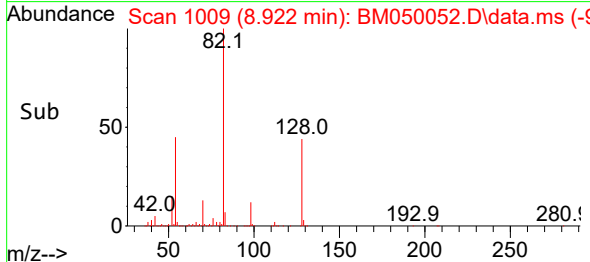
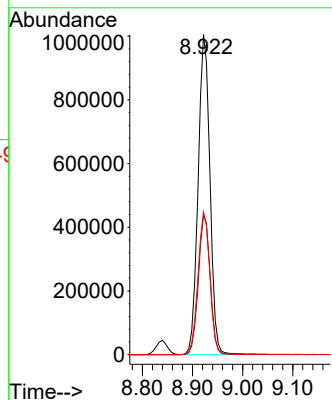
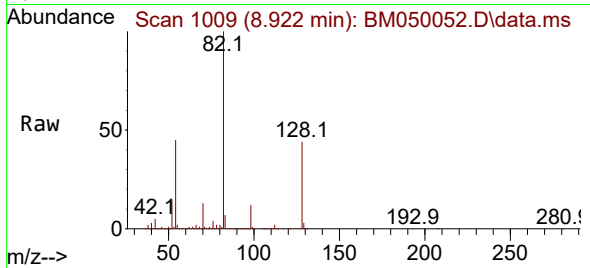




#23
Nitrobenzene-d5
Concen: 87.722 ng
RT: 8.922 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

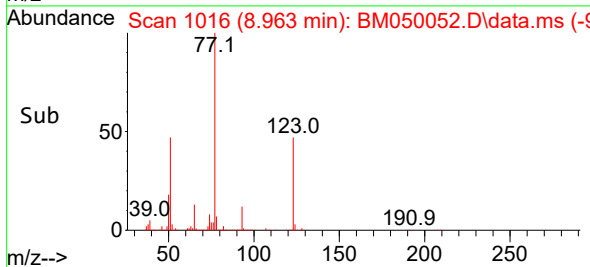
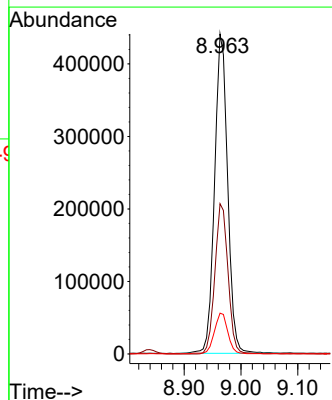
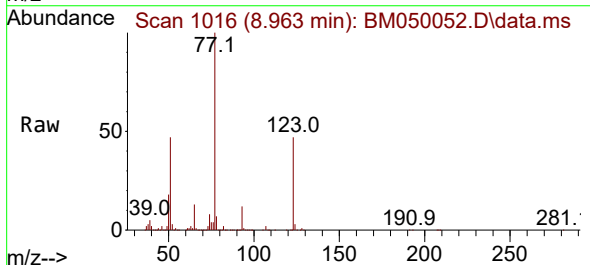
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

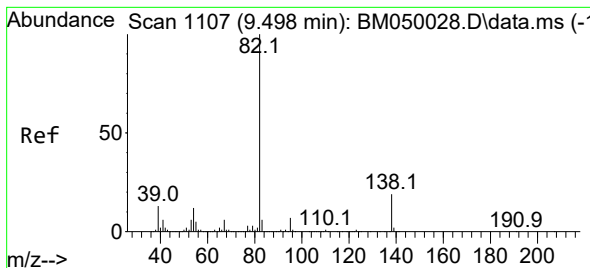
Tgt Ion: 82 Resp: 1640689
Ion Ratio Lower Upper
82 100
128 43.7 35.7 53.5
54 44.6 35.4 53.2



#24
Nitrobenzene
Concen: 43.469 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

Tgt Ion: 77 Resp: 702988
Ion Ratio Lower Upper
77 100
123 47.0 37.9 56.9
65 12.8 10.1 15.1





#25

Isophorone

Concen: 43.006 ng

RT: 9.492 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

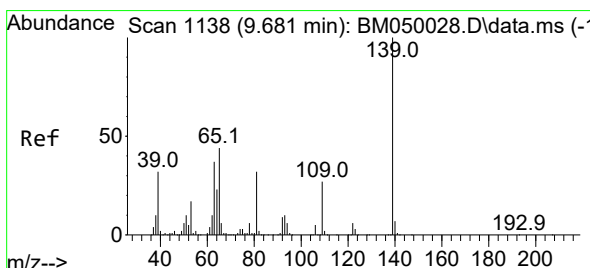
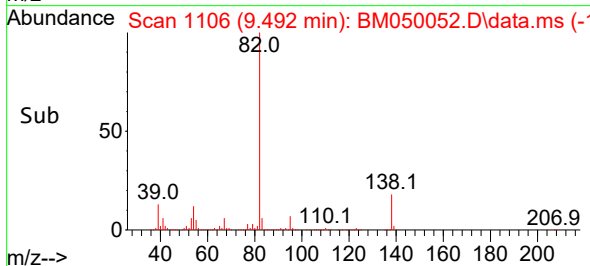
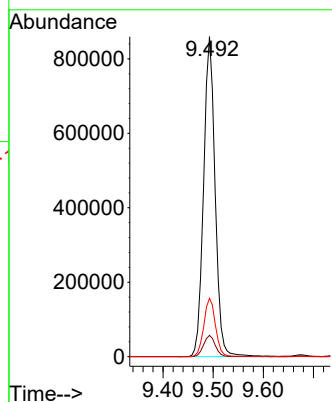
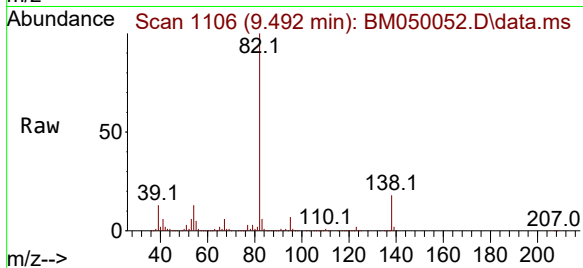
Tgt Ion: 82 Resp: 1371097

Ion Ratio Lower Upper

82 100

95 6.6 5.7 8.5

138 18.2 15.5 23.3



#26

2-Nitrophenol

Concen: 43.526 ng

RT: 9.675 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

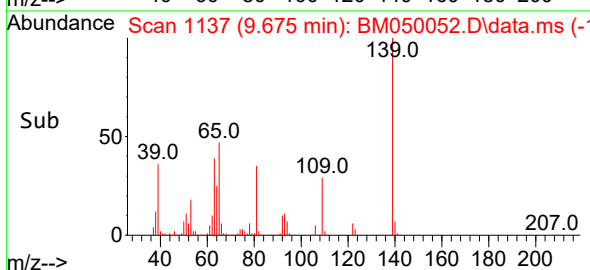
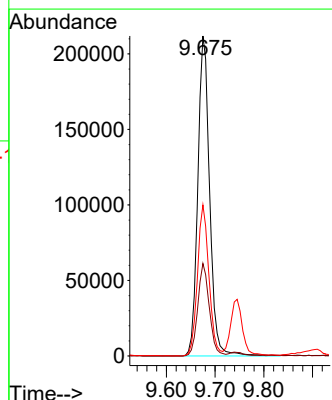
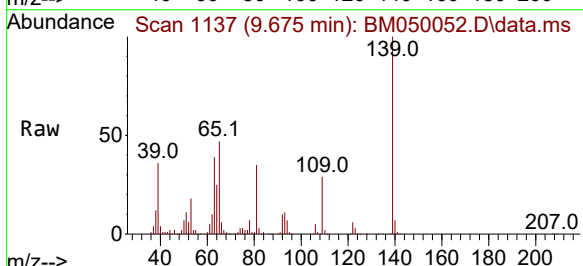
Tgt Ion: 139 Resp: 359603

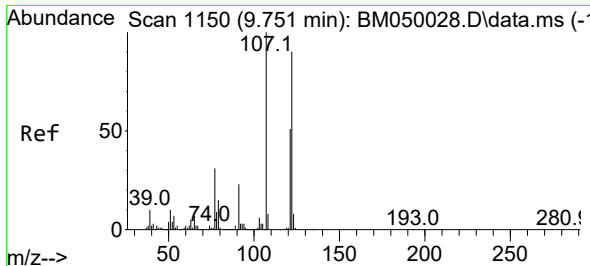
Ion Ratio Lower Upper

139 100

109 28.9 21.9 32.9

65 47.2 35.4 53.2

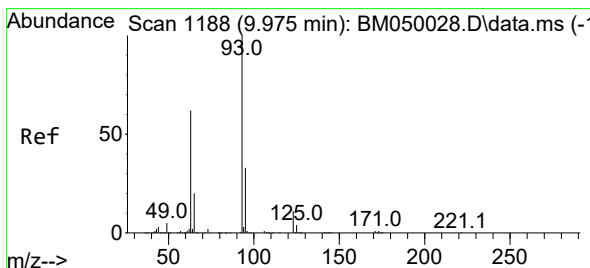
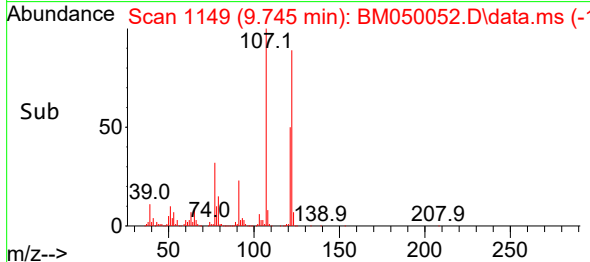
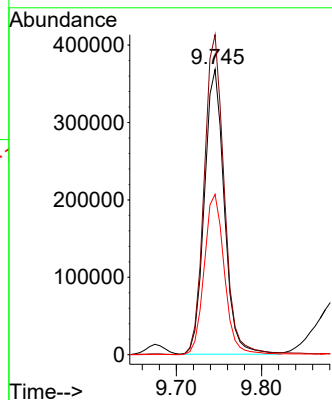
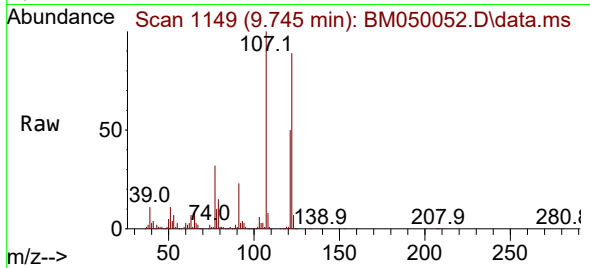




#27
2,4-Dimethylphenol
Concen: 43.659 ng
RT: 9.745 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

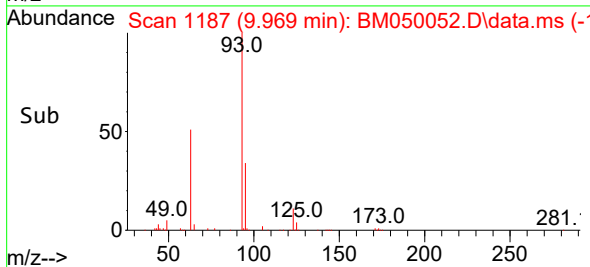
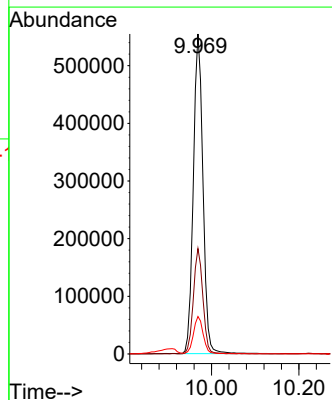
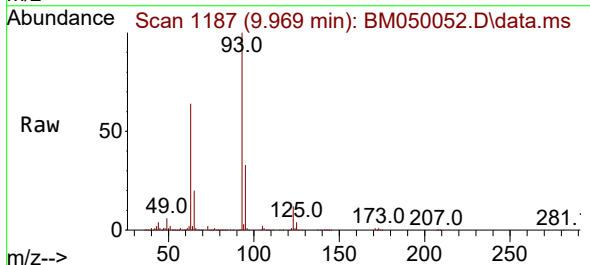
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

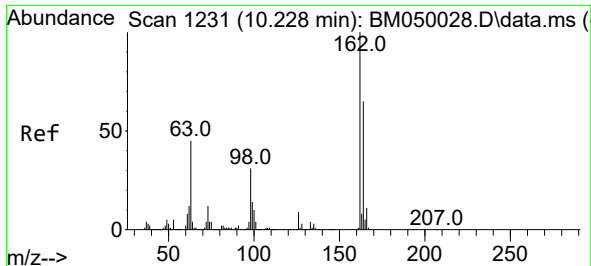
Tgt Ion:122 Resp: 598184
Ion Ratio Lower Upper
122 100
107 112.2 89.0 133.6
121 56.2 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 43.130 ng
RT: 9.969 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

Tgt Ion: 93 Resp: 849883
Ion Ratio Lower Upper
93 100
95 33.0 26.1 39.1
123 11.7 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 43.323 ng

RT: 10.222 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

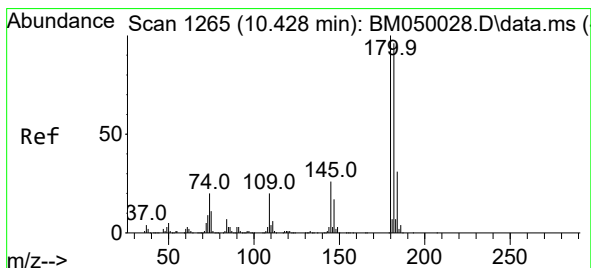
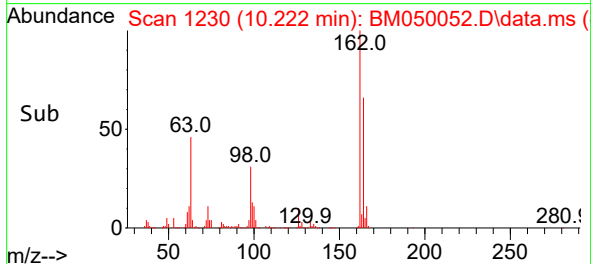
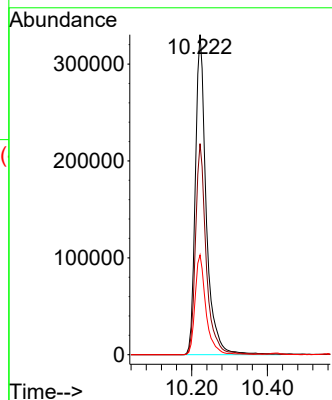
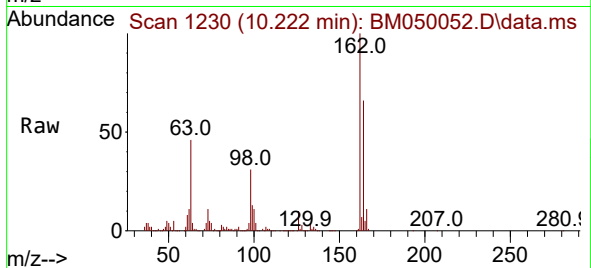
Tgt Ion:162 Resp: 664982

Ion Ratio Lower Upper

162 100

164 65.9 45.4 85.4

98 31.1 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 41.651 ng

RT: 10.422 min Scan# 1264

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

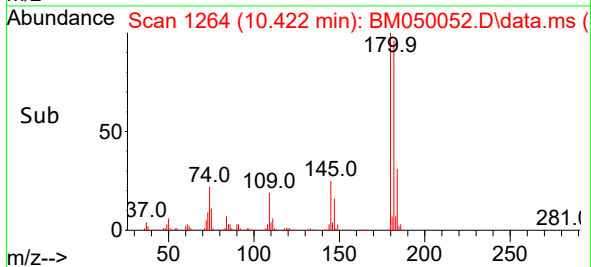
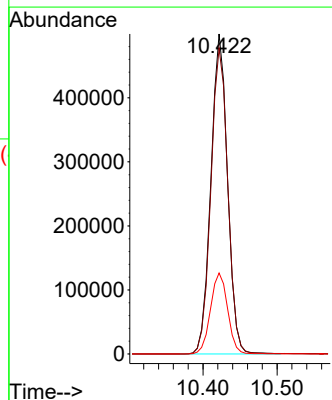
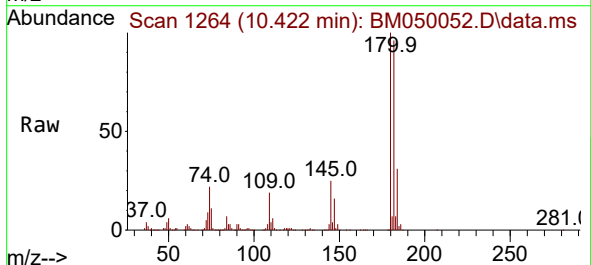
Tgt Ion:180 Resp: 778919

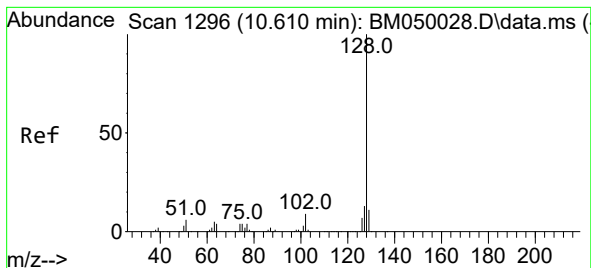
Ion Ratio Lower Upper

180 100

182 95.5 77.0 115.4

145 25.3 20.6 30.8





#31

Naphthalene

Concen: 42.163 ng

RT: 10.604 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

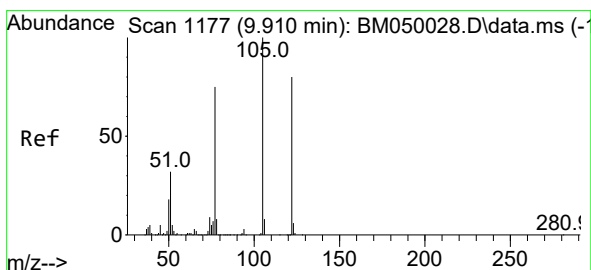
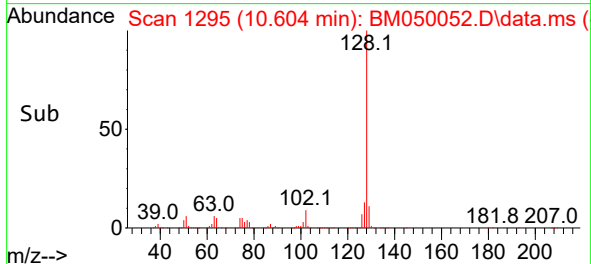
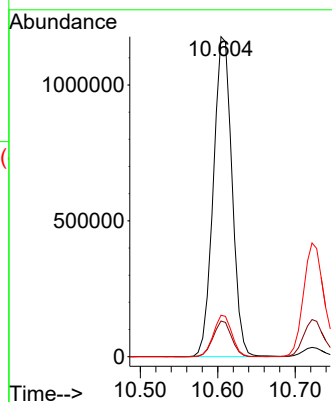
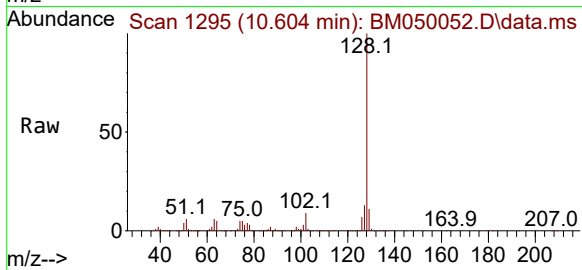
Tgt Ion:128 Resp: 1967893

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 13.0 10.4 15.6



#32

Benzoic acid

Concen: 41.584 ng

RT: 9.910 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

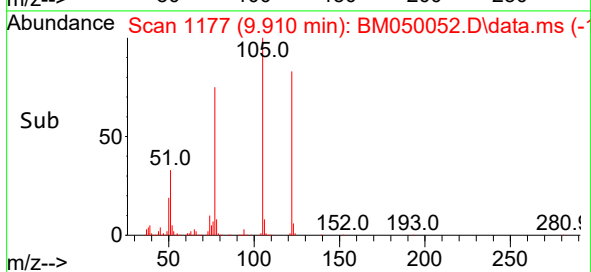
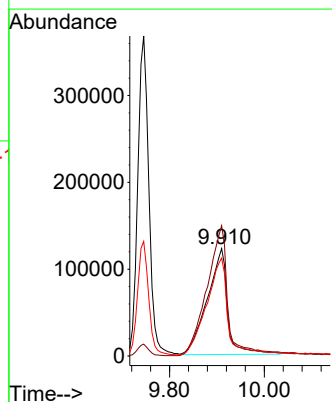
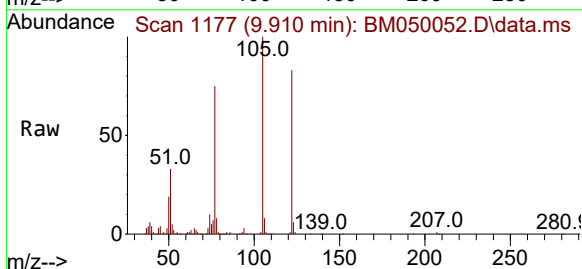
Tgt Ion:122 Resp: 364389

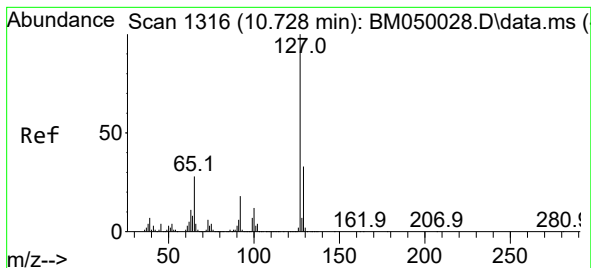
Ion Ratio Lower Upper

122 100

105 121.2 103.6 143.6

77 91.2 73.7 113.7





#33

4-Chloroaniline

Concen: 43.109 ng

RT: 10.722 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion:127 Resp: 824706

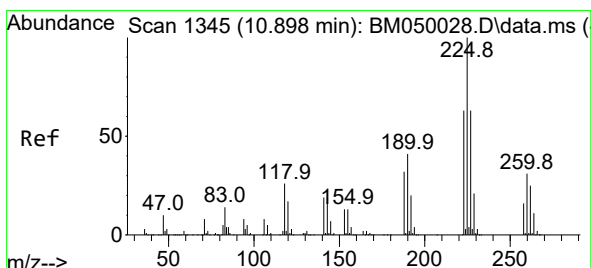
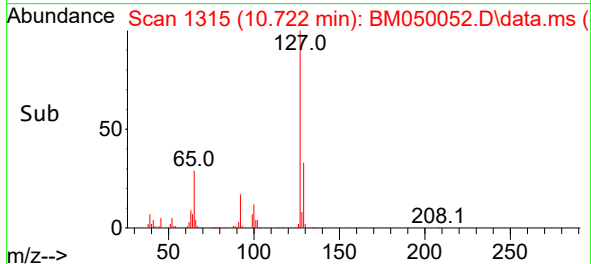
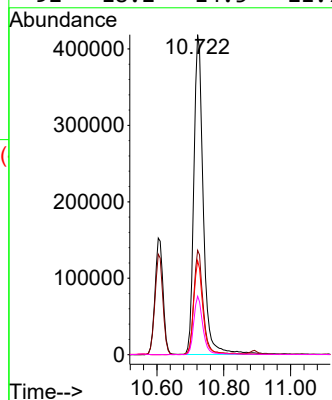
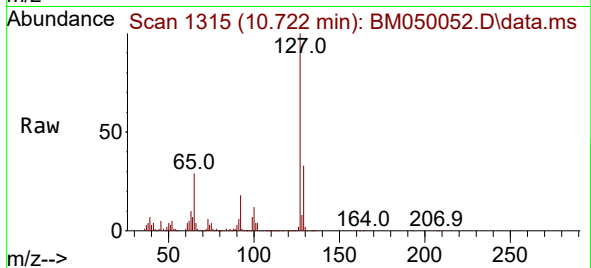
Ion Ratio Lower Upper

127 100

129 32.6 26.3 39.5

65 29.3 22.5 33.7

92 18.2 14.5 21.7



#34

Hexachlorobutadiene

Concen: 42.119 ng

RT: 10.892 min Scan# 1344

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

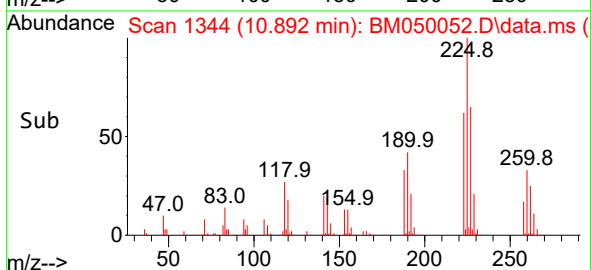
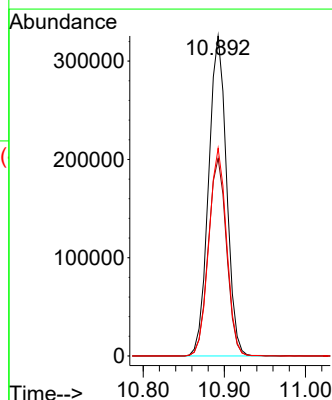
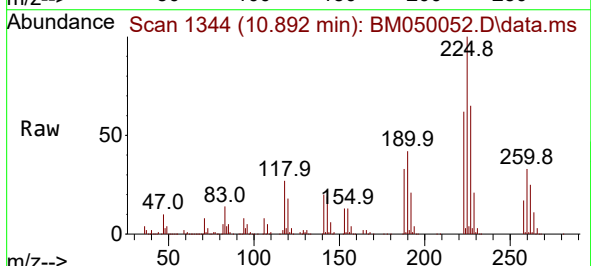
Tgt Ion:225 Resp: 499984

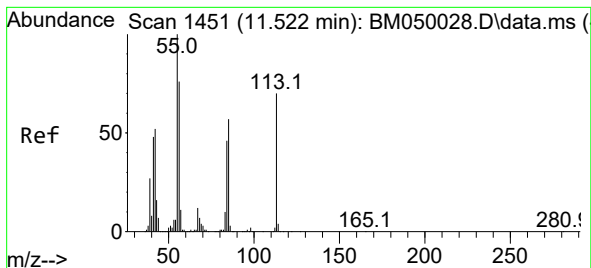
Ion Ratio Lower Upper

225 100

223 61.8 50.2 75.2

227 64.9 50.6 76.0





#35

Caprolactam

Concen: 42.512 ng

RT: 11.516 min Scan# 14

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

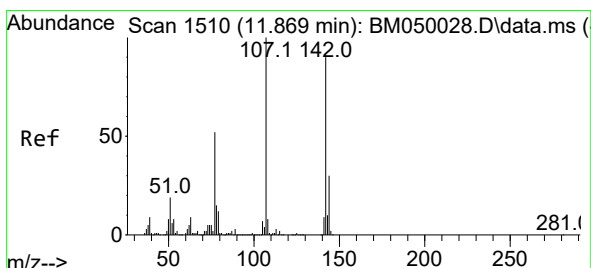
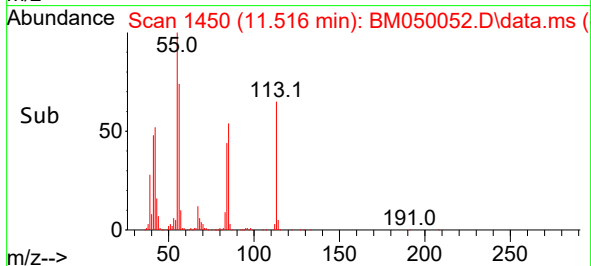
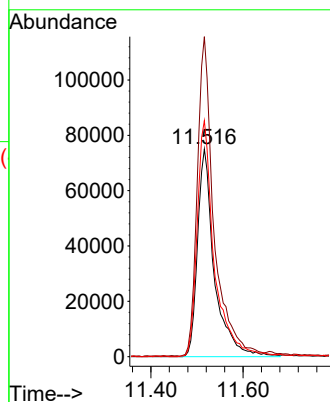
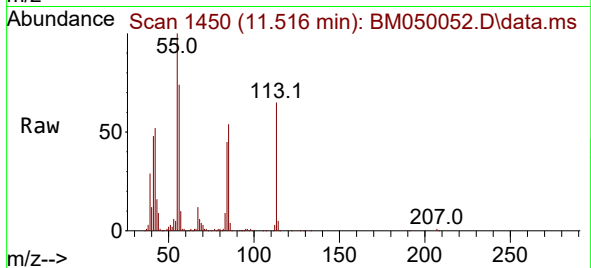
Tgt Ion:113 Resp: 190259

Ion Ratio Lower Upper

113 100

55 154.1 122.9 162.9

56 113.6 88.1 128.1



#36

4-Chloro-3-methylphenol

Concen: 42.764 ng

RT: 11.863 min Scan# 1509

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

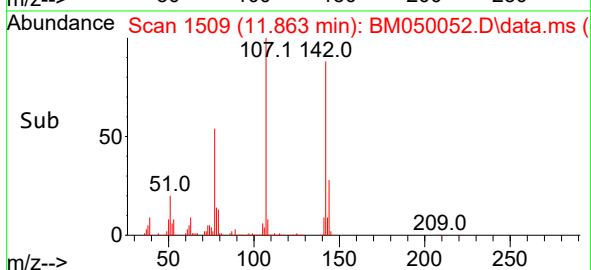
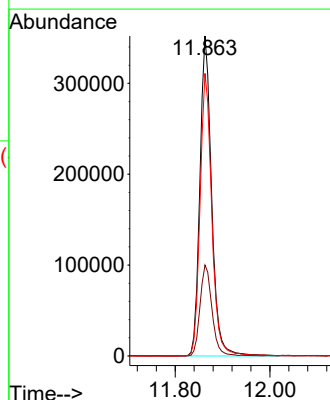
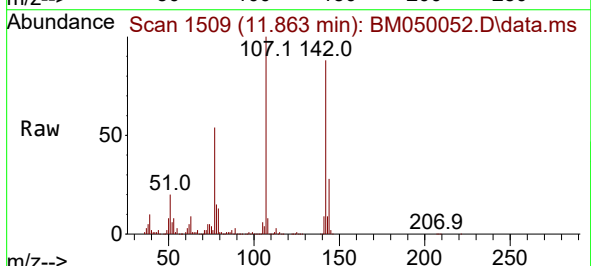
Tgt Ion:107 Resp: 606439

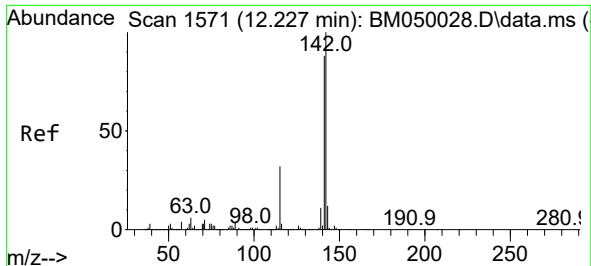
Ion Ratio Lower Upper

107 100

144 28.4 23.8 35.6

142 88.3 71.9 107.9

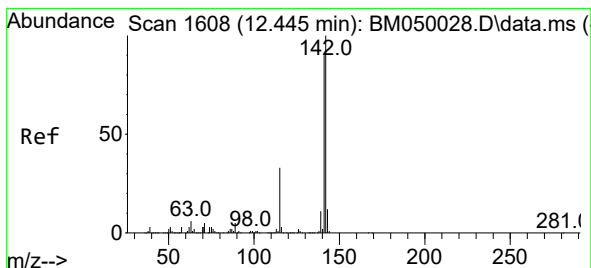
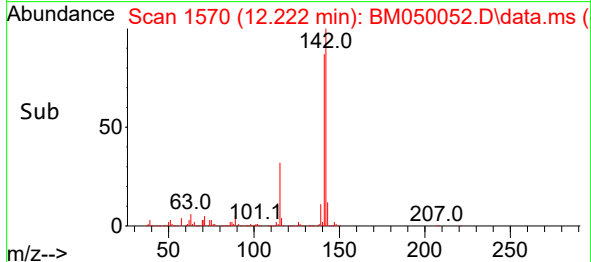
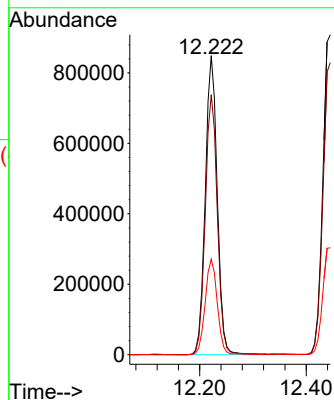
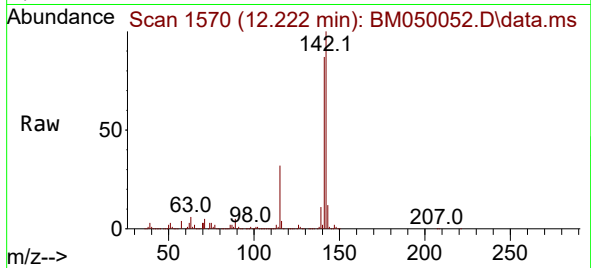




#37
2-Methylnaphthalene
Concen: 42.240 ng
RT: 12.222 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

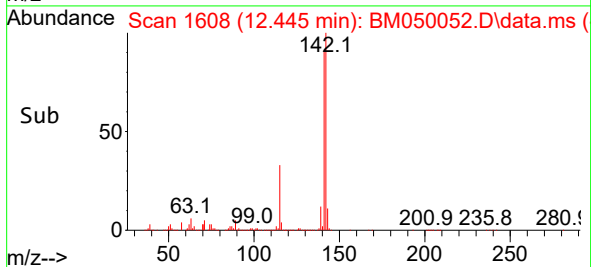
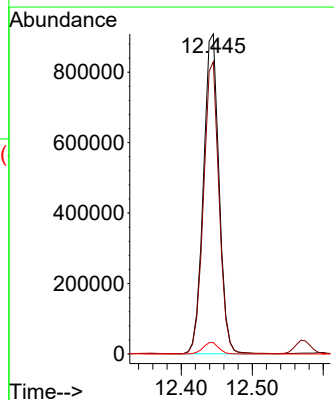
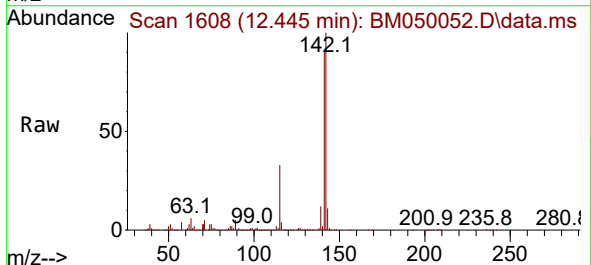
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

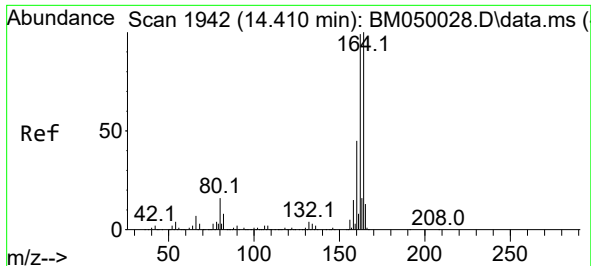
Tgt Ion:142 Resp: 1321800
Ion Ratio Lower Upper
142 100
141 86.9 70.4 105.6
115 32.0 25.4 38.2



#38
1-Methylnaphthalene
Concen: 42.014 ng
RT: 12.445 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

Tgt Ion:142 Resp: 1391335
Ion Ratio Lower Upper
142 100
141 91.3 72.1 108.1
116 3.5 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.404 min Scan# 1942

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

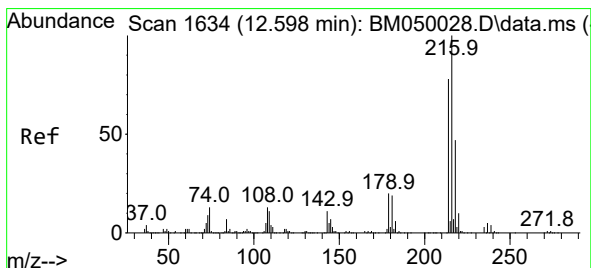
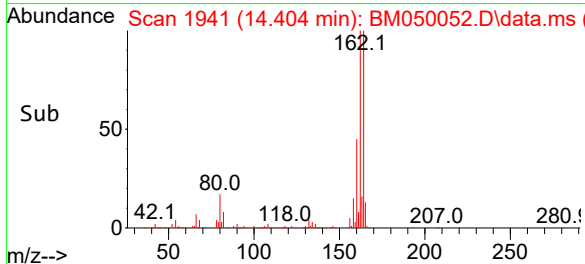
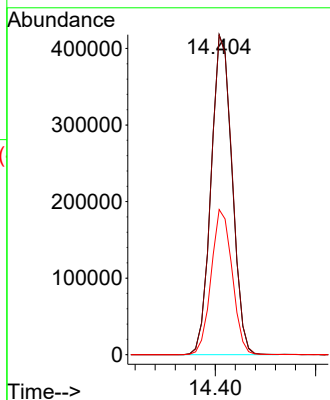
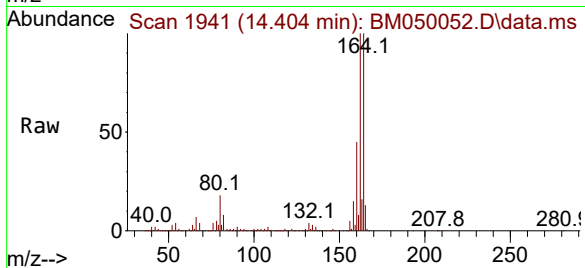
Tgt Ion:164 Resp: 608103

Ion Ratio Lower Upper

164 100

162 99.9 79.4 119.0

160 45.4 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.583 ng

RT: 12.598 min Scan# 1634

Delta R.T. 0.000 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

Tgt Ion:216 Resp: 917457

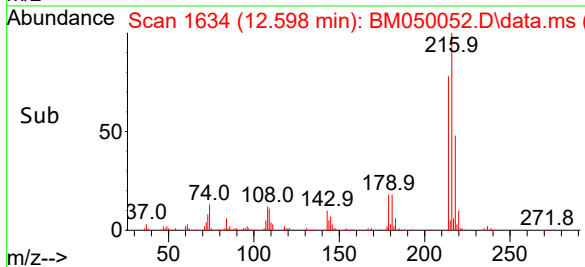
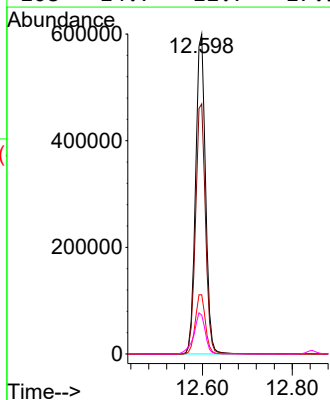
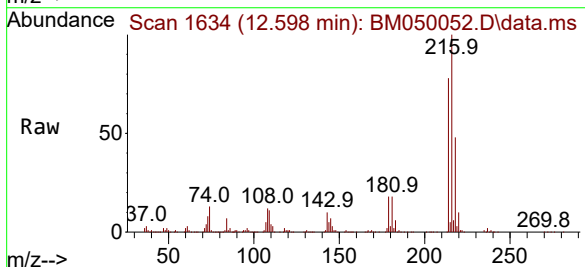
Ion Ratio Lower Upper

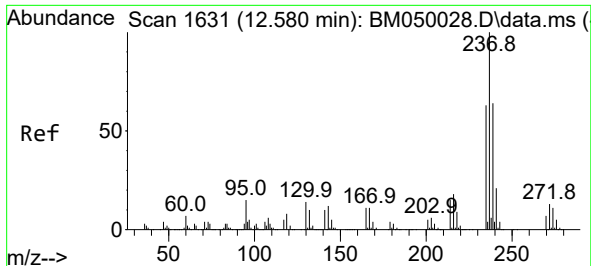
216 100

214 78.5 62.3 93.5

179 19.0 15.4 23.0

108 14.7 11.7 17.5

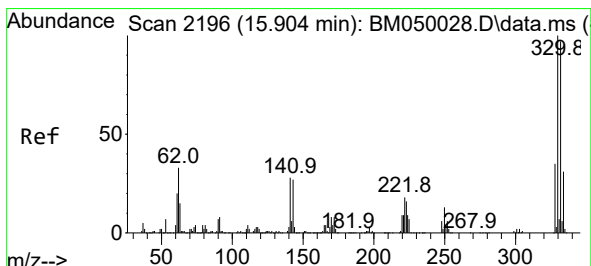
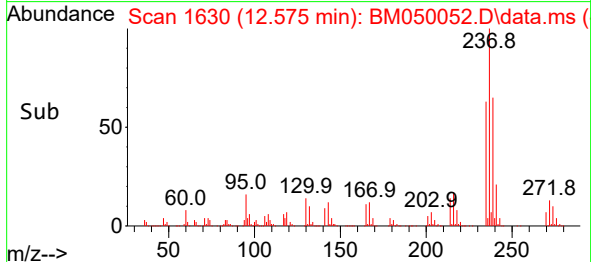
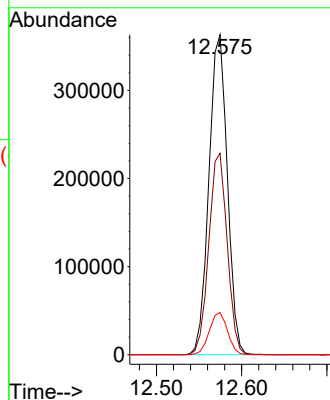
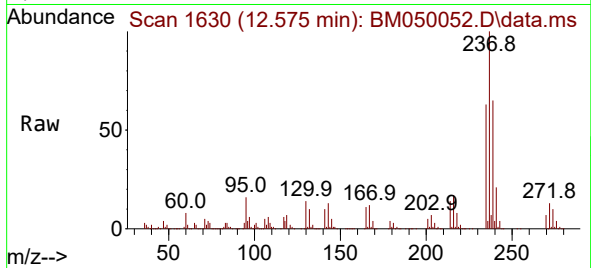




#41
Hexachlorocyclopentadiene
Concen: 42.359 ng
RT: 12.575 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

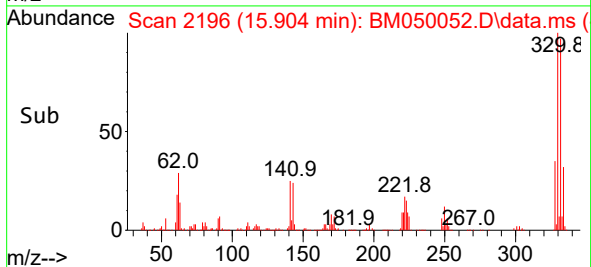
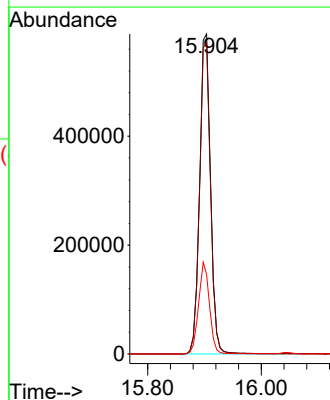
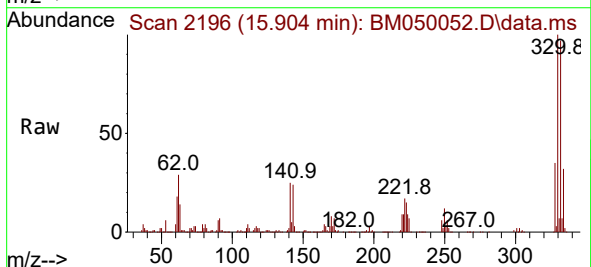
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

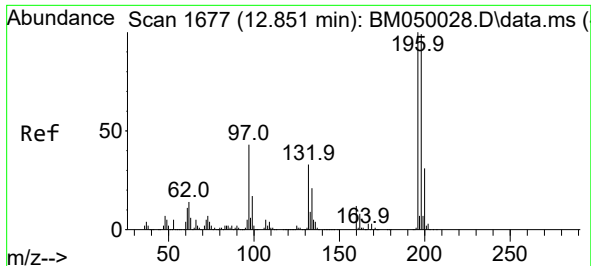
Tgt Ion:237 Resp: 544933
Ion Ratio Lower Upper
237 100
235 63.0 42.9 82.9
272 13.2 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 87.751 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

Tgt Ion:330 Resp: 789023
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 28.6 22.5 33.7

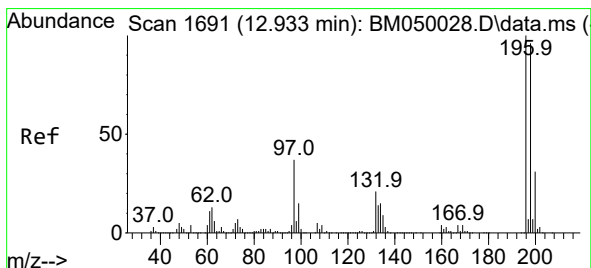
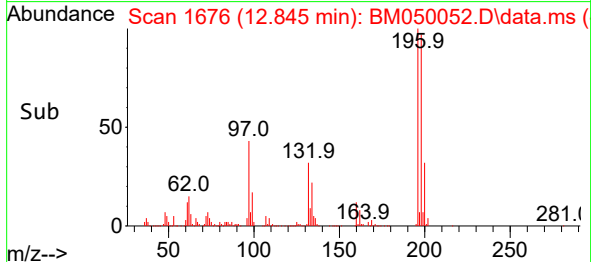
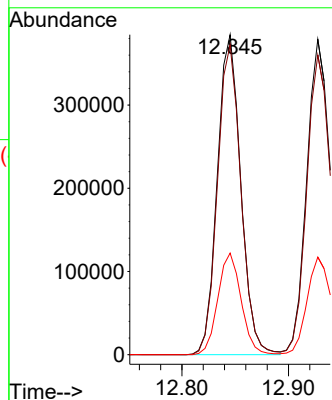
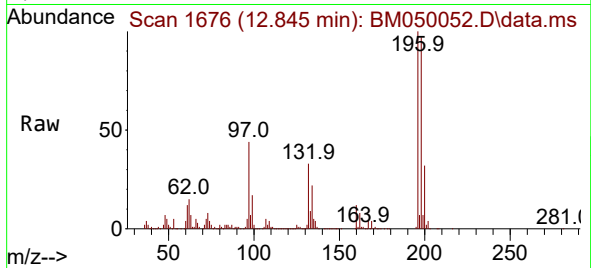




#43
2,4,6-Trichlorophenol
Concen: 43.991 ng
RT: 12.845 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

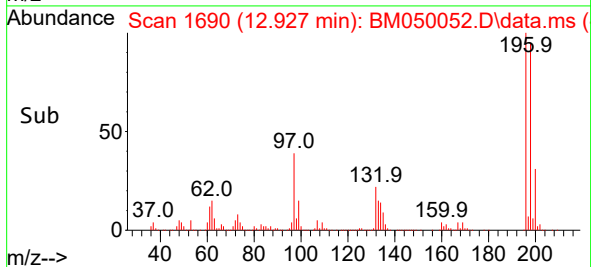
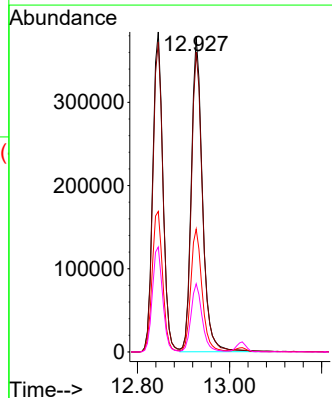
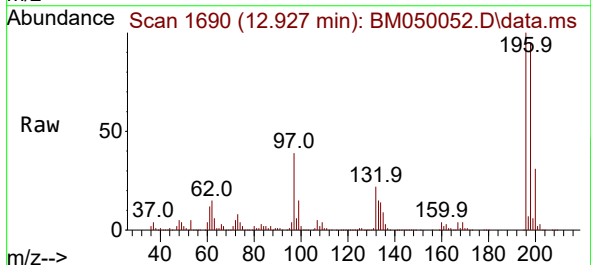
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

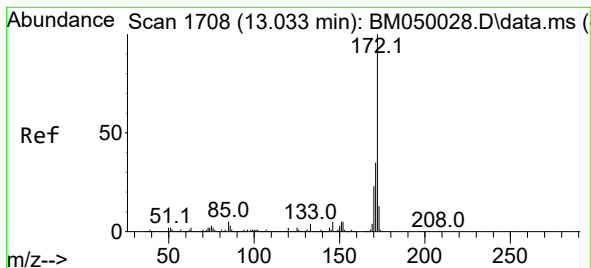
Tgt Ion:196 Resp: 587364
Ion Ratio Lower Upper
196 100
198 96.8 79.0 118.6
200 31.7 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 44.136 ng
RT: 12.927 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

Tgt Ion:196 Resp: 635473
Ion Ratio Lower Upper
196 100
198 95.1 76.7 115.1
97 39.0 30.1 45.1
132 21.6 16.6 25.0





#45

2-Fluorobiphenyl

Concen: 88.649 ng

RT: 13.027 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

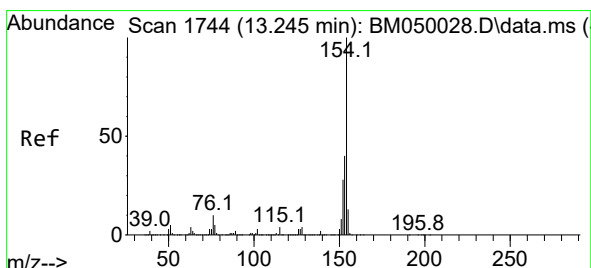
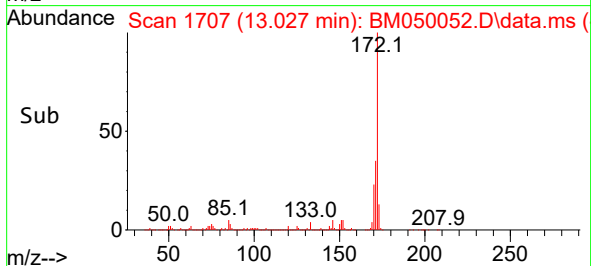
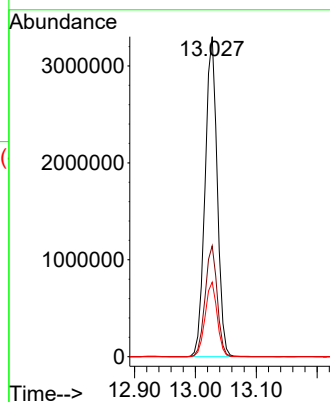
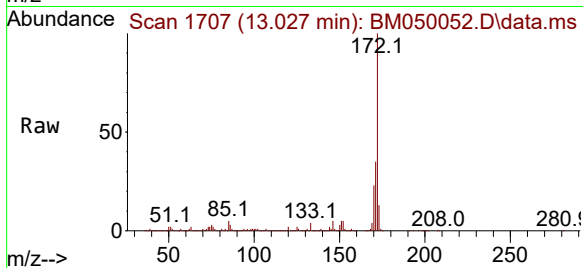
Tgt Ion:172 Resp: 4556919

Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.6

170 23.3 18.6 28.0



#46

1,1'-Biphenyl

Concen: 42.794 ng

RT: 13.239 min Scan# 1743

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

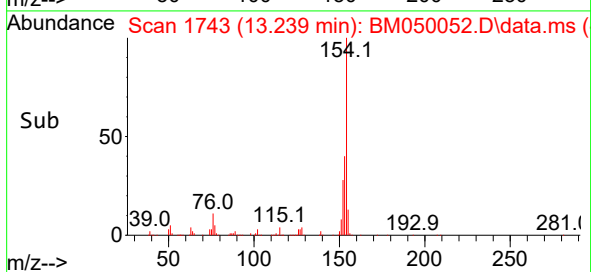
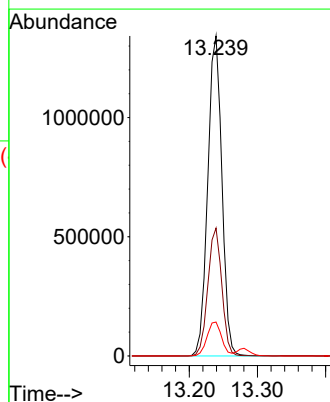
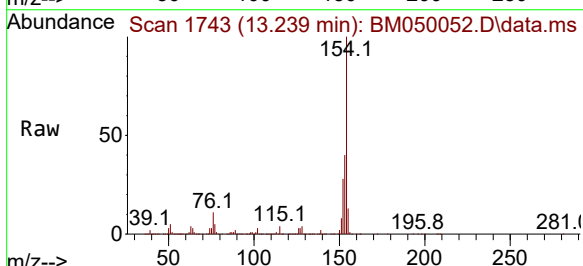
Tgt Ion:154 Resp: 1934447

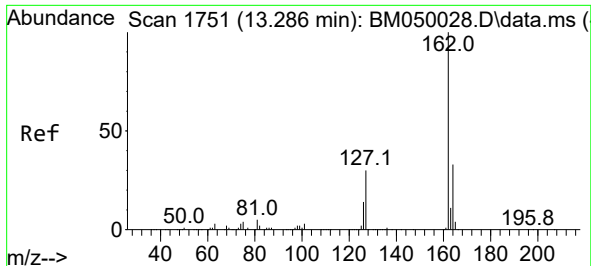
Ion Ratio Lower Upper

154 100

153 39.9 20.0 60.0

76 10.6 0.0 30.3

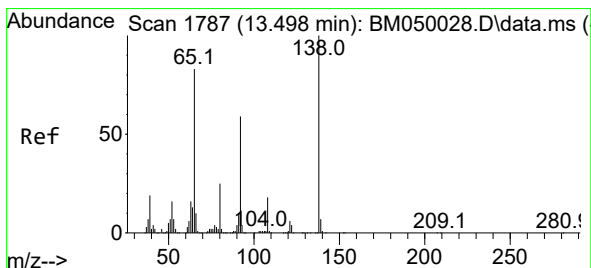
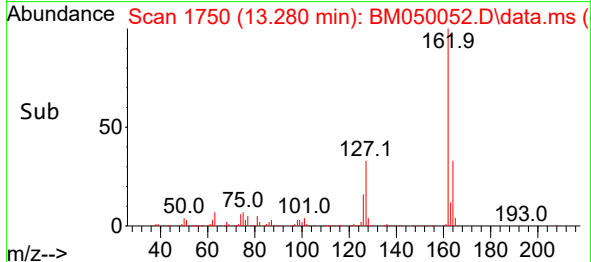
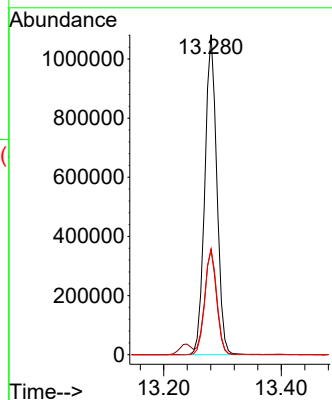
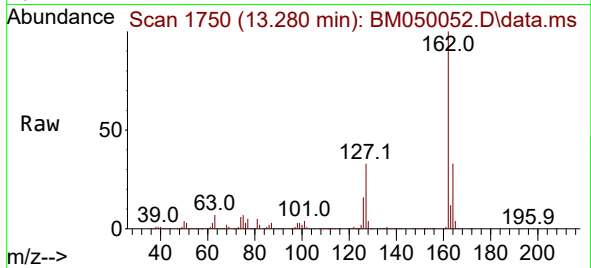




#47
2-Chloronaphthalene
Concen: 42.783 ng
RT: 13.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

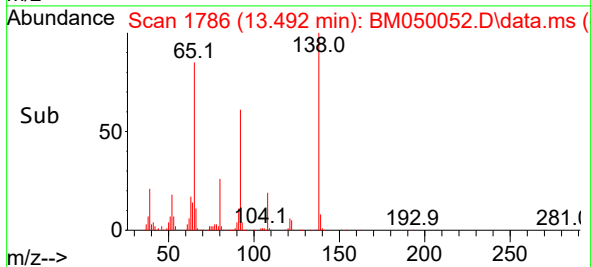
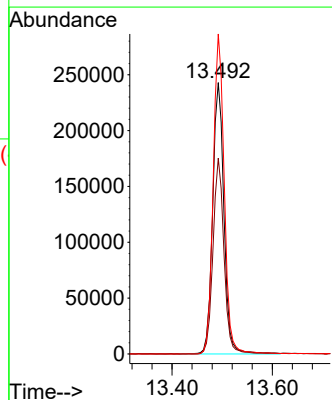
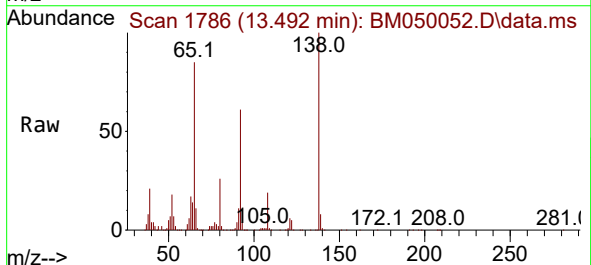
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

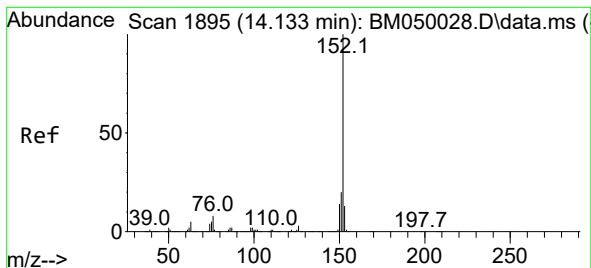
Tgt Ion:162 Resp: 1531682
Ion Ratio Lower Upper
162 100
127 32.8 25.9 38.9
164 33.0 26.6 40.0



#48
2-Nitroaniline
Concen: 45.233 ng
RT: 13.492 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

Tgt Ion: 65 Resp: 380074
Ion Ratio Lower Upper
65 100
92 72.2 57.1 85.7
138 117.9 97.0 145.4





#49

Acenaphthylene

Concen: 42.671 ng

RT: 14.127 min Scan# 1894

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

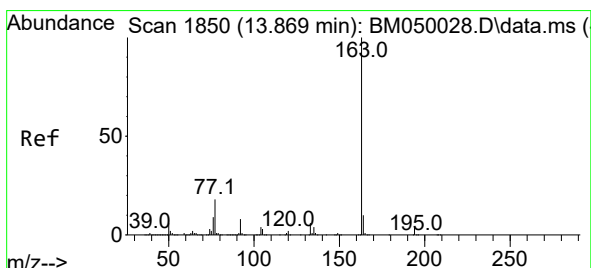
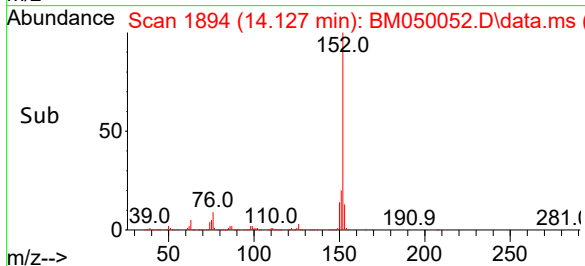
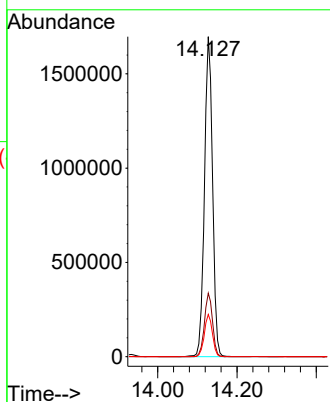
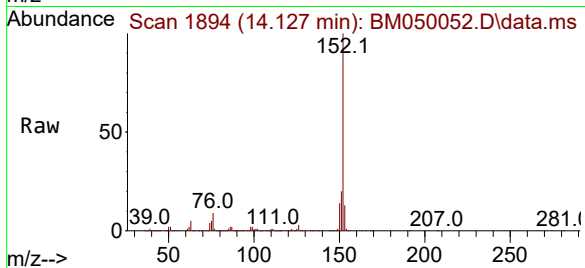
Tgt Ion:152 Resp: 2408693

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 42.261 ng

RT: 13.869 min Scan# 1850

Delta R.T. 0.000 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

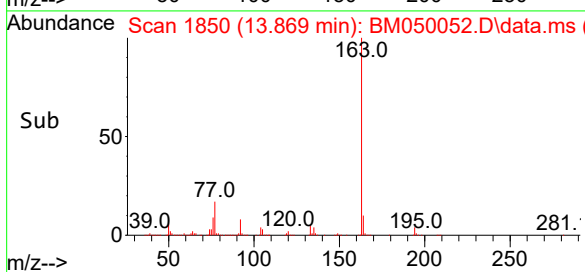
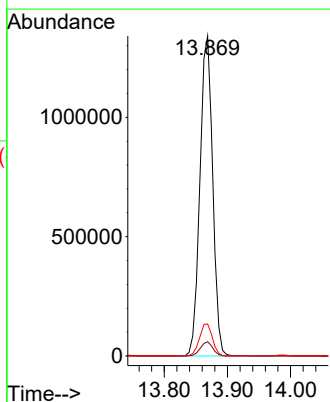
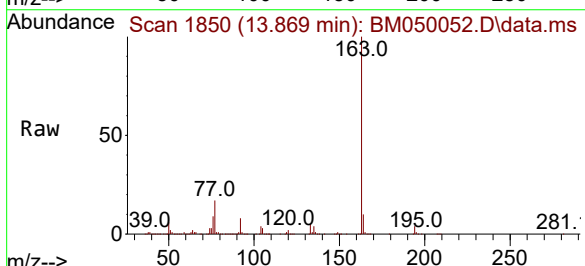
Tgt Ion:163 Resp: 1878104

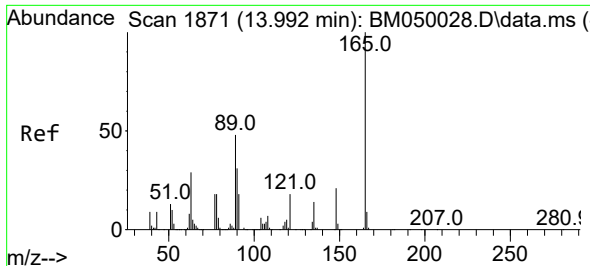
Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

164 10.0 8.2 12.2

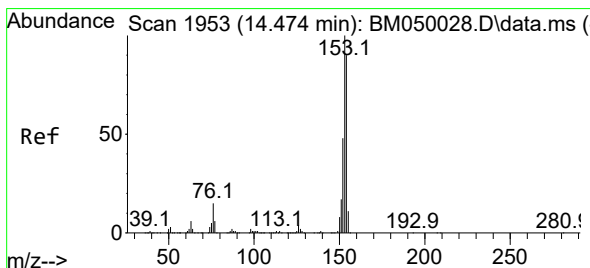
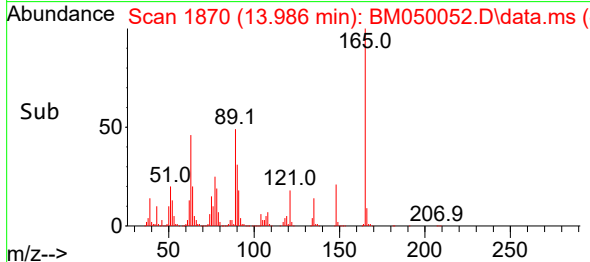
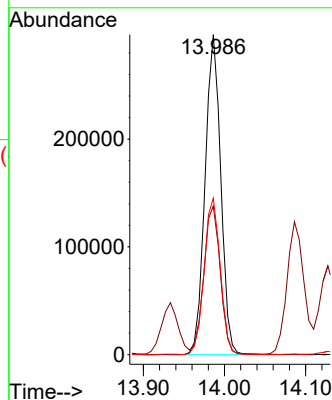
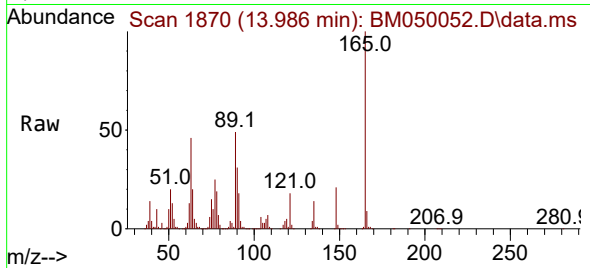




#51
2,6-Dinitrotoluene
Concen: 43.345 ng
RT: 13.986 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

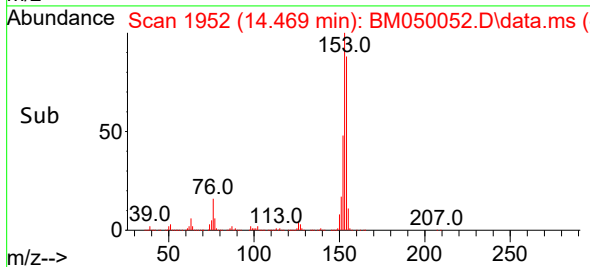
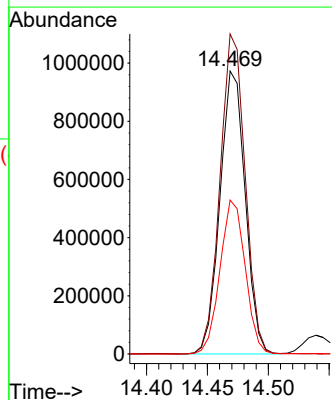
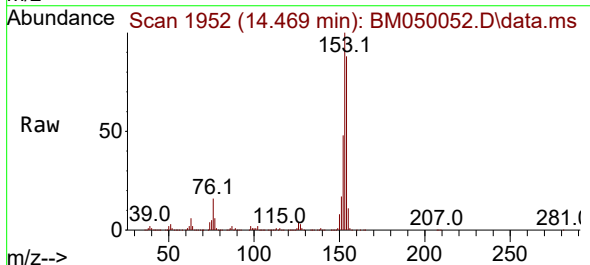
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

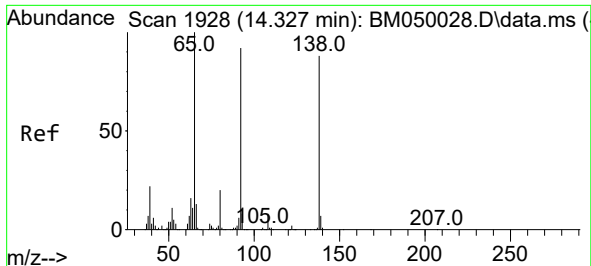
Tgt Ion:165 Resp: 398832
Ion Ratio Lower Upper
165 100
63 46.5 35.1 52.7
89 48.9 38.4 57.6



#52
Acenaphthene
Concen: 42.913 ng
RT: 14.469 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

Tgt Ion:154 Resp: 1402125
Ion Ratio Lower Upper
154 100
153 113.1 89.0 133.4
152 54.4 43.0 64.6

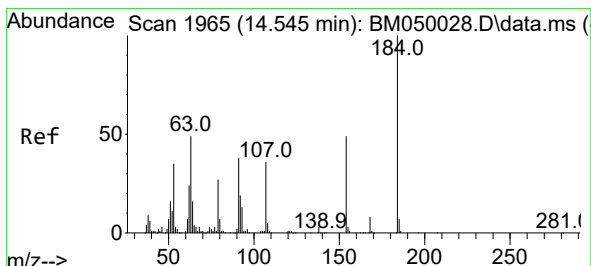
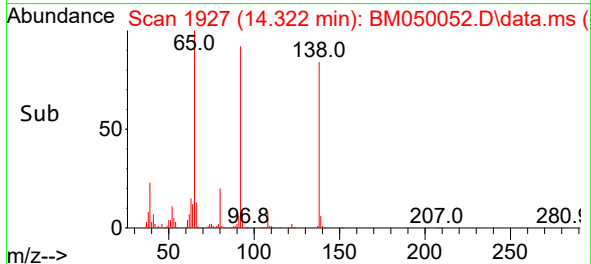
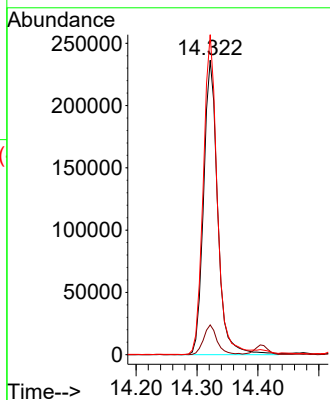
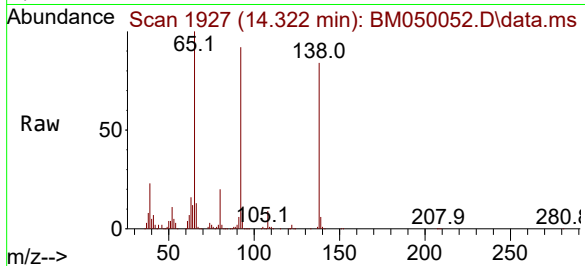




#53
3-Nitroaniline
Concen: 43.320 ng
RT: 14.322 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

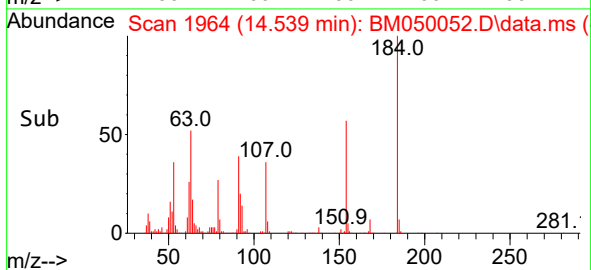
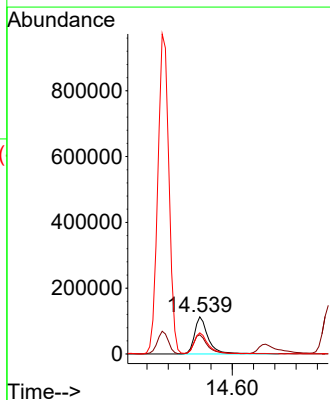
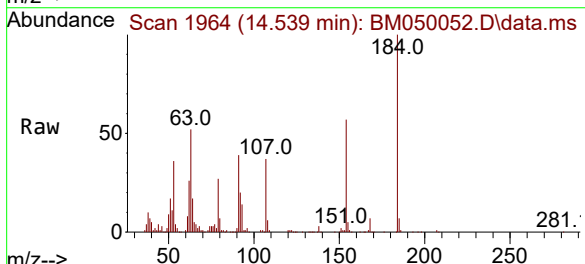
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

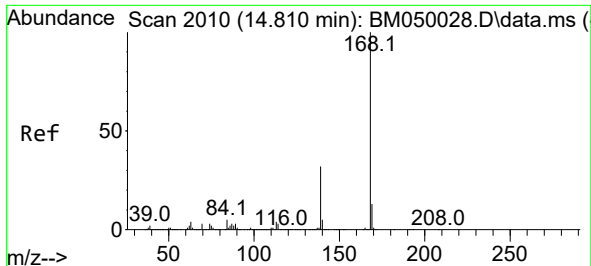
Tgt Ion:138 Resp: 380548
Ion Ratio Lower Upper
138 100
108 10.1 7.4 11.2
92 108.7 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 37.592 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

Tgt Ion:184 Resp: 202048
Ion Ratio Lower Upper
184 100
63 51.8 39.8 59.6
154 57.2 46.1 69.1

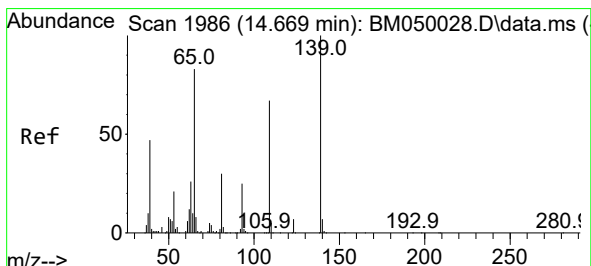
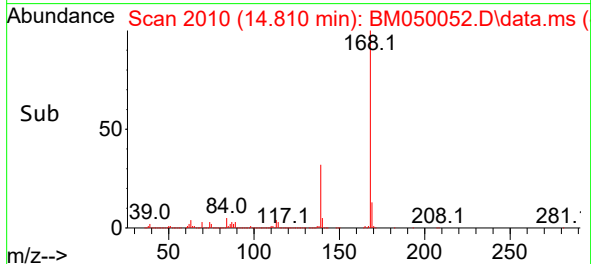
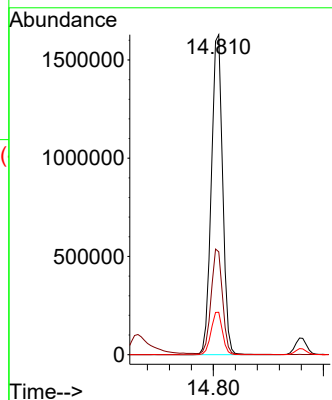
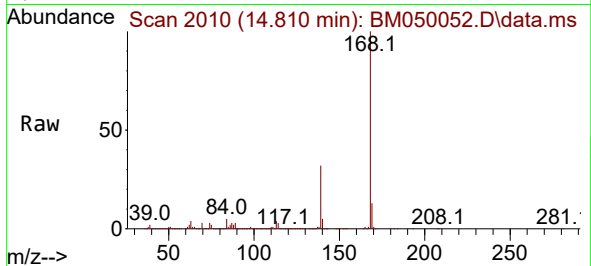




#55
Dibenzofuran
Concen: 42.681 ng
RT: 14.810 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

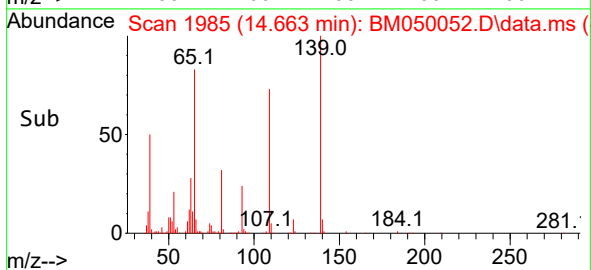
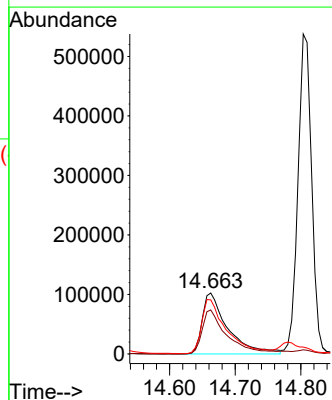
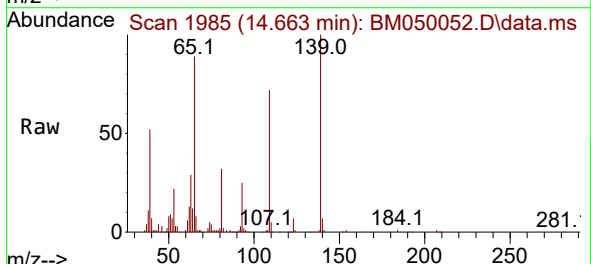
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

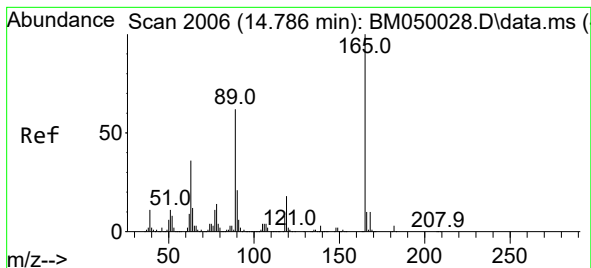
Tgt Ion:168 Resp: 2320212
Ion Ratio Lower Upper
168 100
139 32.2 26.1 39.1
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 40.867 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

Tgt Ion:139 Resp: 275260
Ion Ratio Lower Upper
139 100
109 72.3 47.0 87.0
65 88.8 64.3 104.3





#57

2,4-Dinitrotoluene

Concen: 44.164 ng

RT: 14.780 min Scan# 2006

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion:165 Resp: 561515

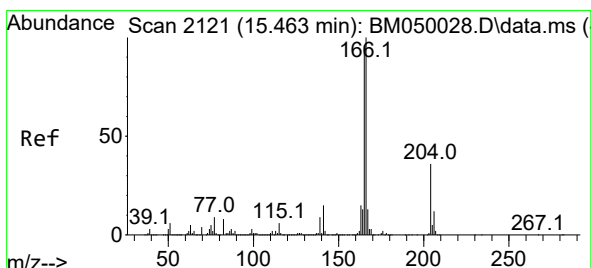
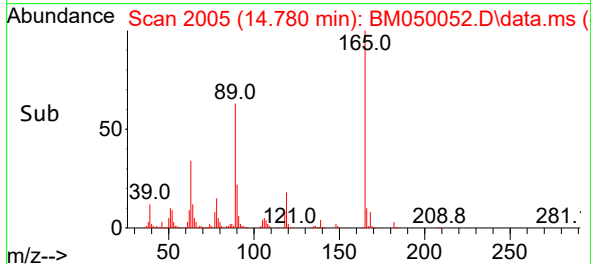
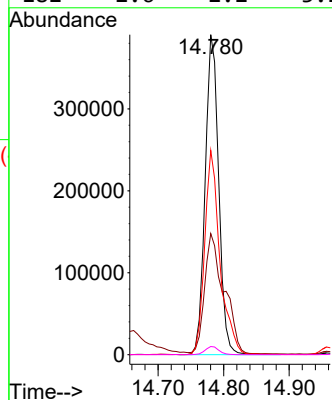
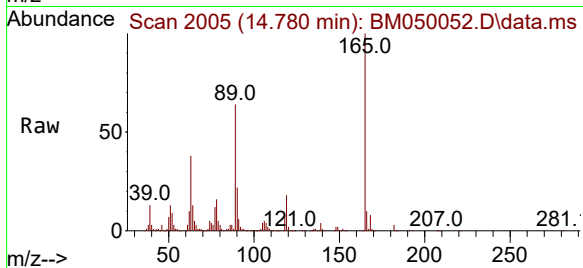
Ion Ratio Lower Upper

165 100

63 37.9 29.0 43.6

89 63.9 49.4 74.2

182 2.6 2.2 3.2



#58

Fluorene

Concen: 43.960 ng

RT: 15.457 min Scan# 2120

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

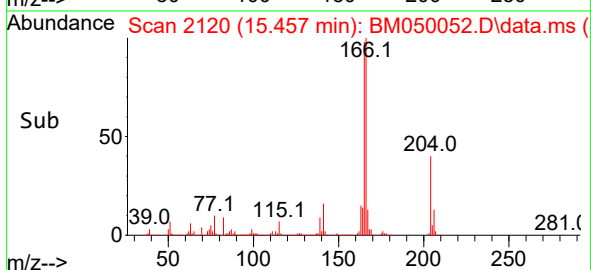
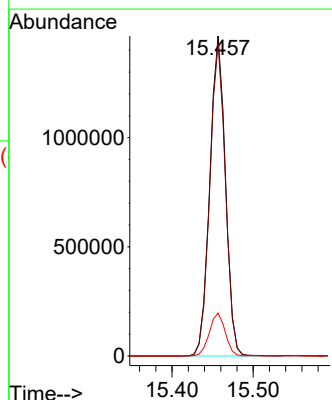
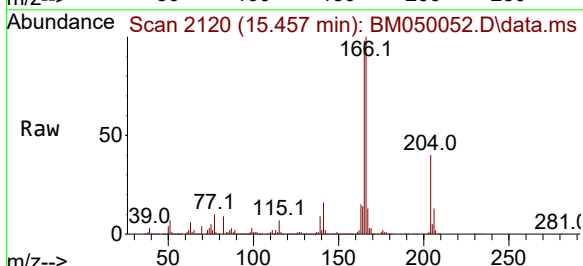
Tgt Ion:166 Resp: 1956059

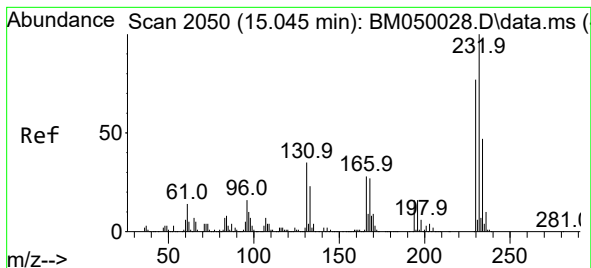
Ion Ratio Lower Upper

166 100

165 97.6 76.6 115.0

167 13.4 10.6 16.0

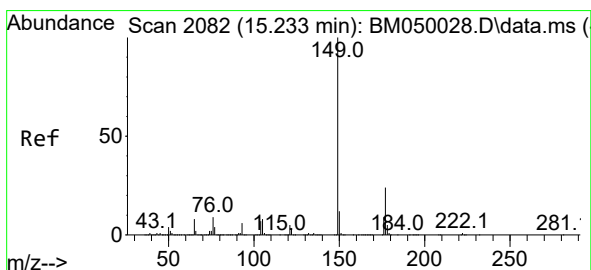
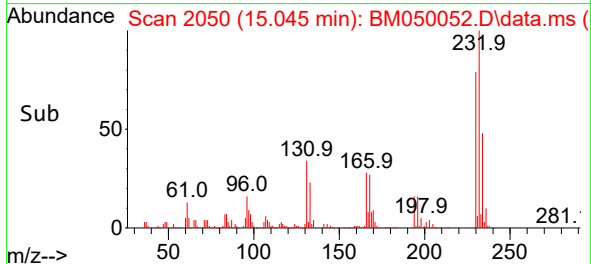
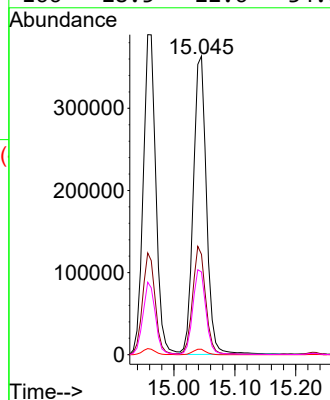
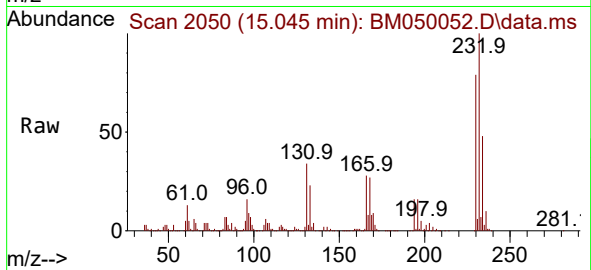




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.644 ng
RT: 15.045 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

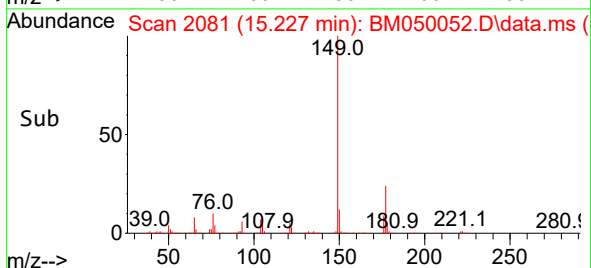
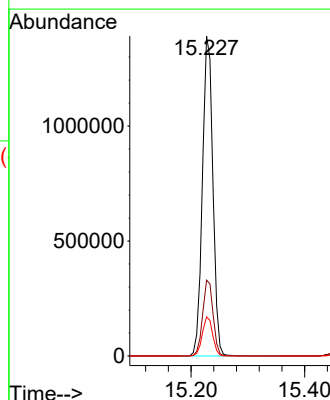
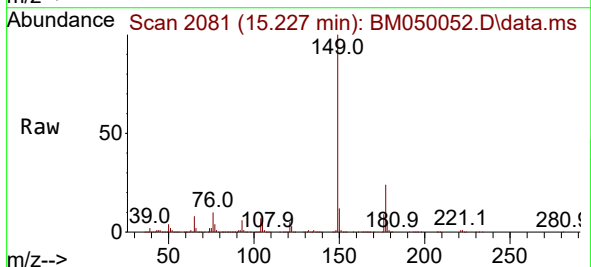
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

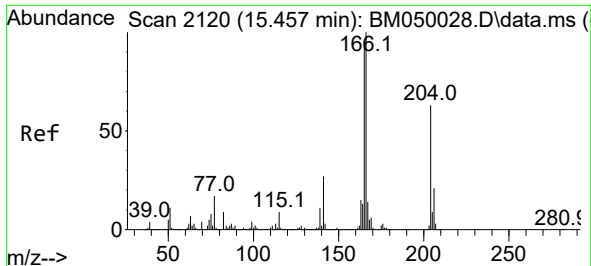
Tgt Ion:232 Resp: 543928
Ion Ratio Lower Upper
232 100
131 35.8 28.2 42.4
130 1.8 1.5 2.3
166 28.5 22.6 34.0



#60
Diethylphthalate
Concen: 42.478 ng
RT: 15.227 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

Tgt Ion:149 Resp: 1778764
Ion Ratio Lower Upper
149 100
177 23.7 19.1 28.7
150 12.2 9.6 14.4

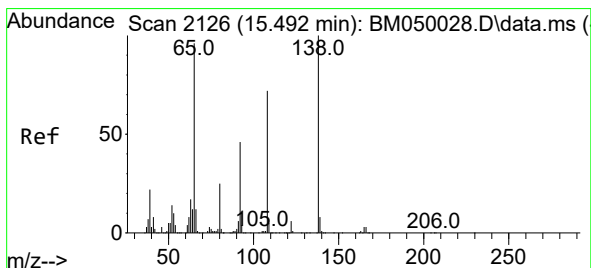
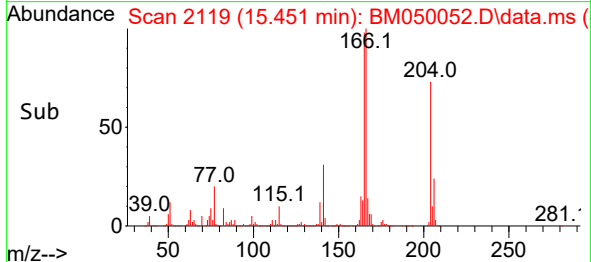
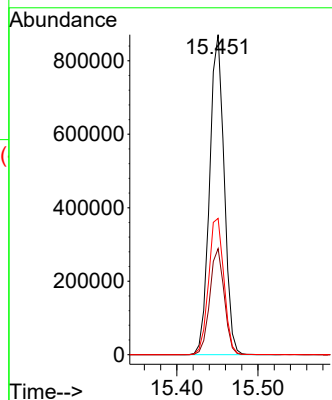
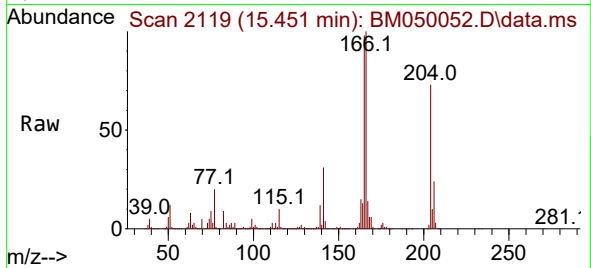




#61
4-Chlorophenyl-phenylether
Concen: 44.366 ng
RT: 15.451 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

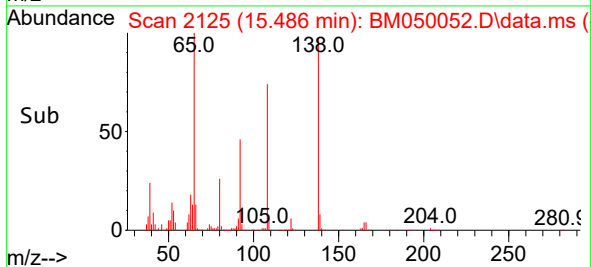
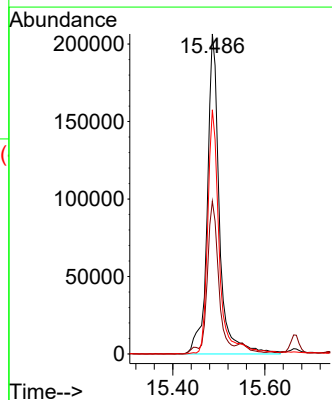
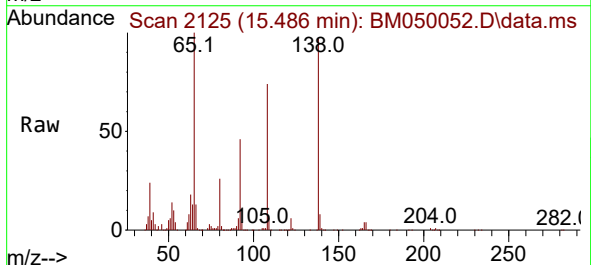
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

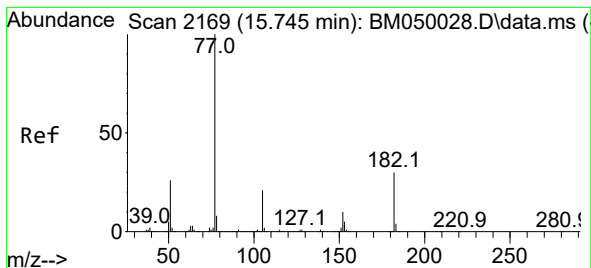
Tgt Ion:204 Resp: 1084318
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 42.6 34.0 51.0



#62
4-Nitroaniline
Concen: 44.974 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

Tgt Ion:138 Resp: 381180
Ion Ratio Lower Upper
138 100
92 47.8 25.9 65.9
108 76.3 52.4 92.4





#63

Azobenzene

Concen: 44.555 ng

RT: 15.739 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 1563656

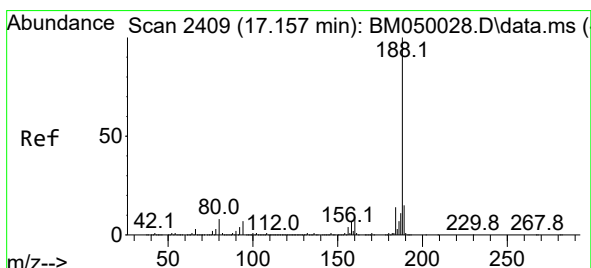
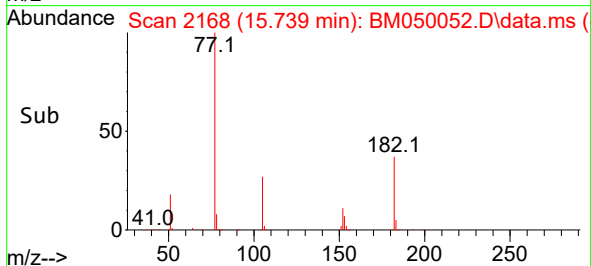
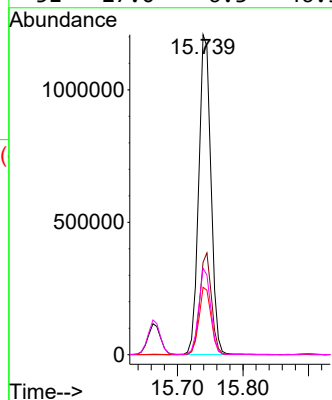
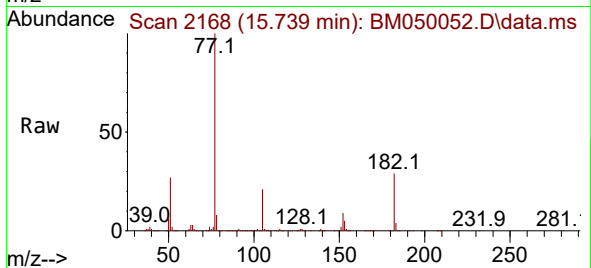
Ion Ratio Lower Upper

77 100

182 28.9 10.5 50.5

105 21.1 1.1 41.1

51 27.0 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: BM050052.D

Acq: 30 Apr 2025 19:20

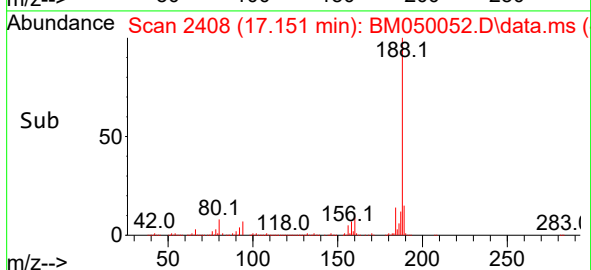
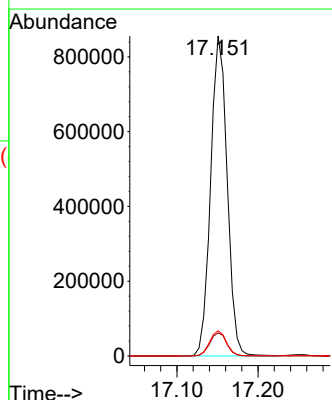
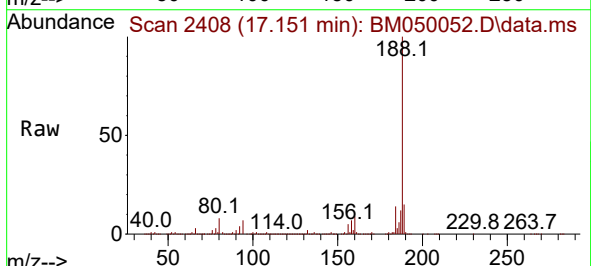
Tgt Ion:188 Resp: 1206903

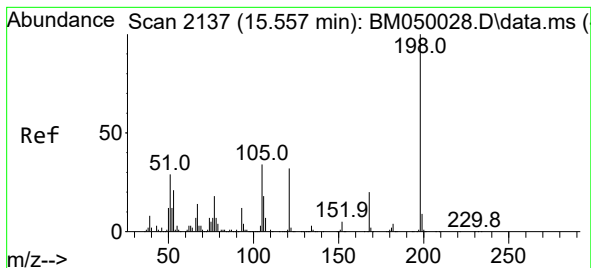
Ion Ratio Lower Upper

188 100

94 7.2 5.7 8.5

80 7.8 6.2 9.4

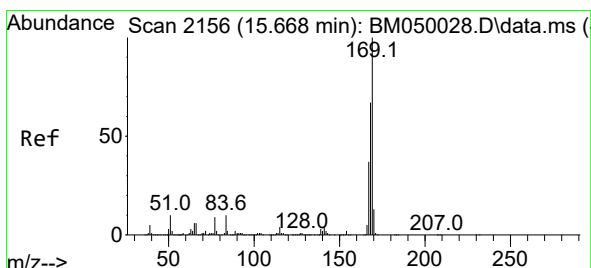
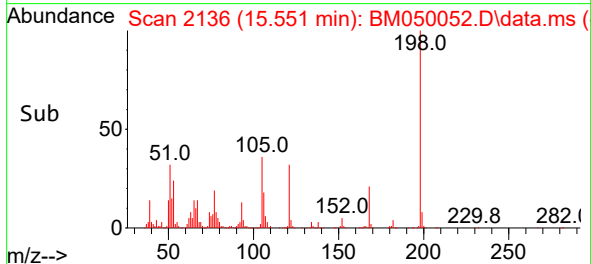
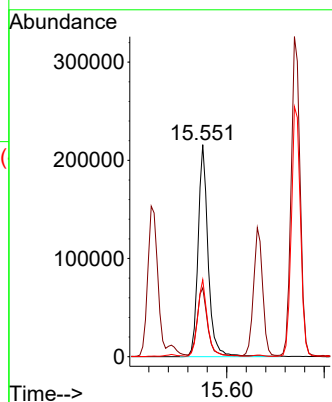
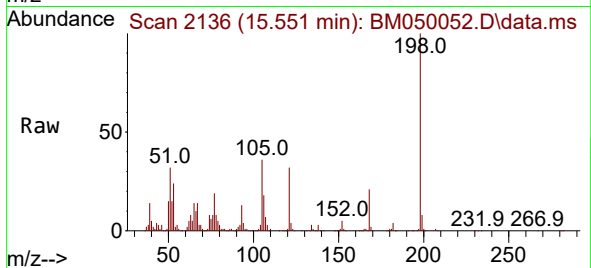




#65
4,6-Dinitro-2-methylphenol
Concen: 41.112 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

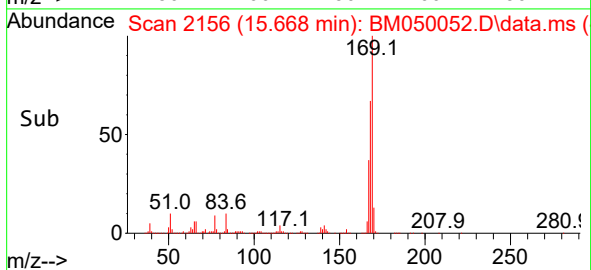
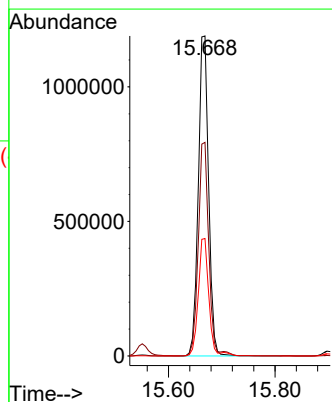
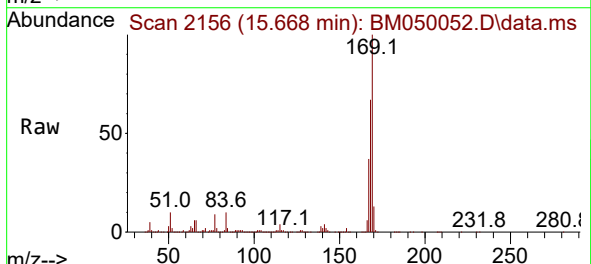
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

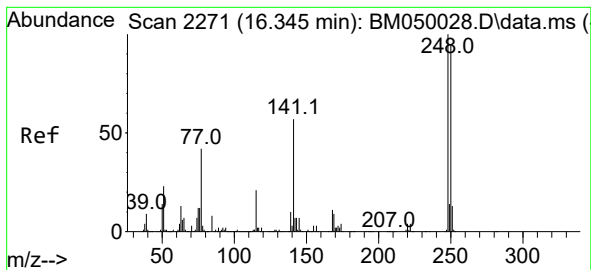
Tgt Ion:198 Resp: 310589
Ion Ratio Lower Upper
198 100
51 32.5 10.4 50.4
105 36.3 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 43.186 ng
RT: 15.668 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

Tgt Ion:169 Resp: 1600494
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.2
167 36.7 29.4 44.0

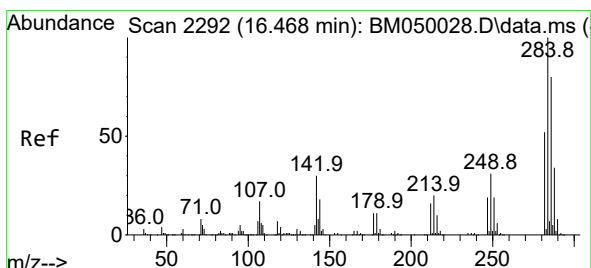
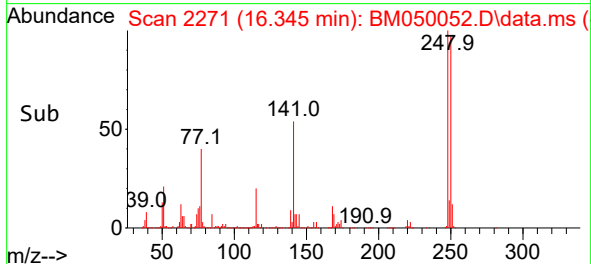
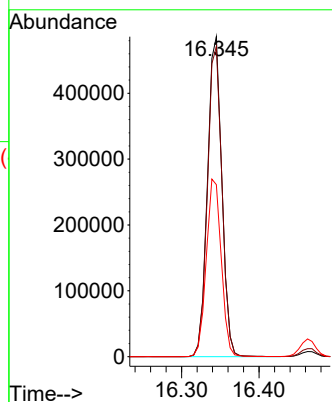
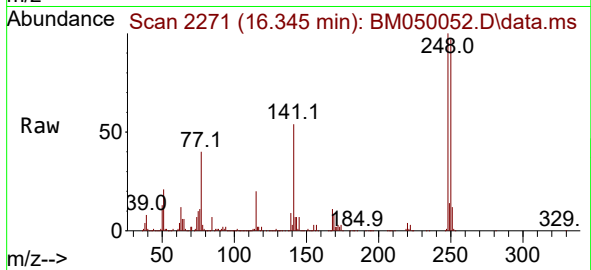




#67
4-Bromophenyl-phenylether
Concen: 42.855 ng
RT: 16.345 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

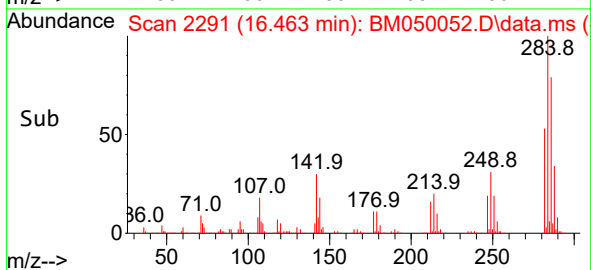
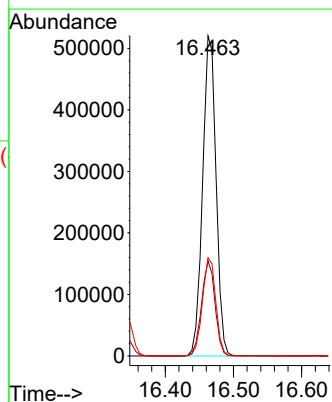
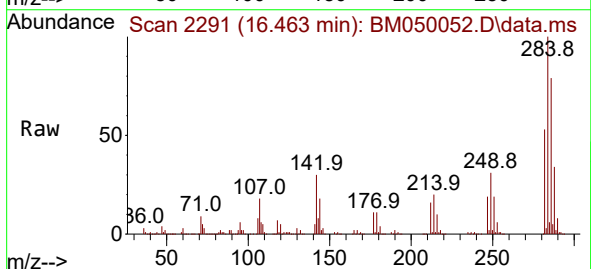
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

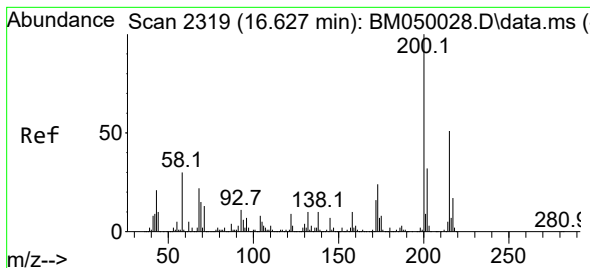
Tgt Ion:248 Resp: 625456
Ion Ratio Lower Upper
248 100
250 96.9 76.2 114.2
141 53.8 45.9 68.9



#68
Hexachlorobenzene
Concen: 42.336 ng
RT: 16.463 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

Tgt Ion:284 Resp: 712239
Ion Ratio Lower Upper
284 100
142 29.7 23.9 35.9
249 30.7 24.5 36.7





#69

Atrazine

Concen: 43.344 ng

RT: 16.621 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050052.D

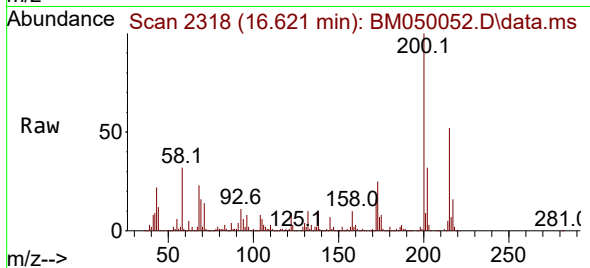
Acq: 30 Apr 2025 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC



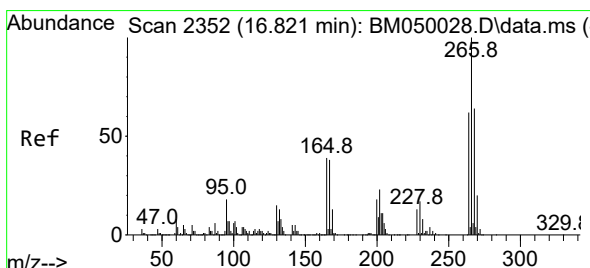
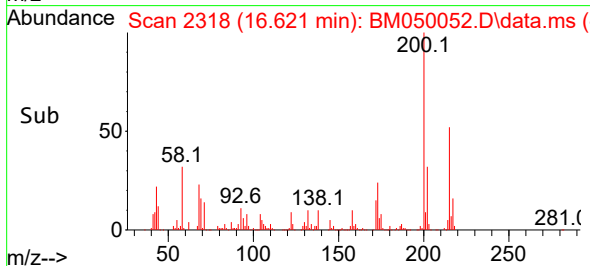
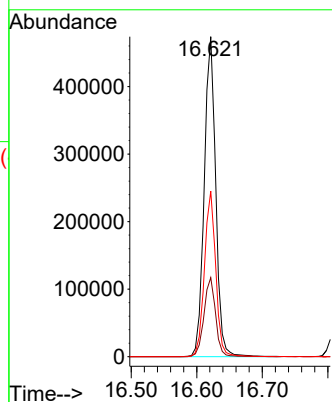
Tgt Ion:200 Resp: 579434

Ion Ratio Lower Upper

200 100

173 24.7 4.3 44.3

215 51.7 30.6 70.6



#70

Pentachlorophenol

Concen: 43.504 ng

RT: 16.815 min Scan# 2351

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

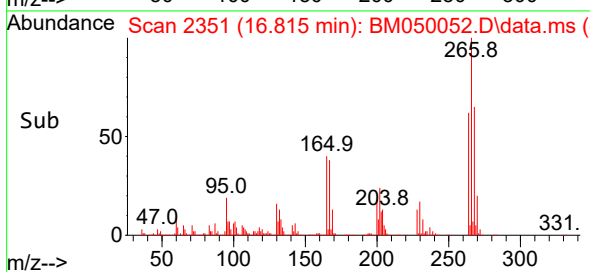
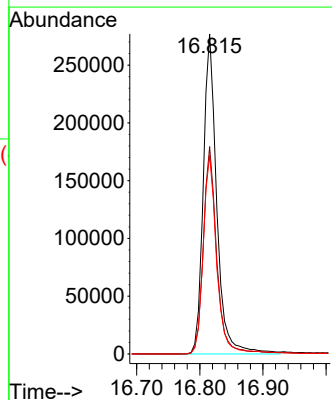
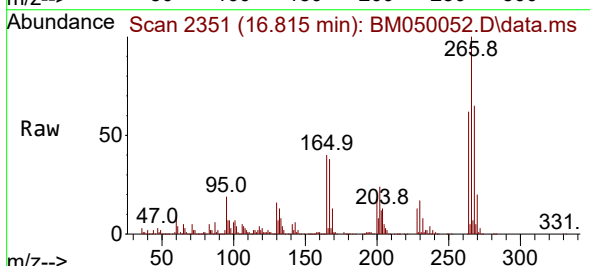
Tgt Ion:266 Resp: 411970

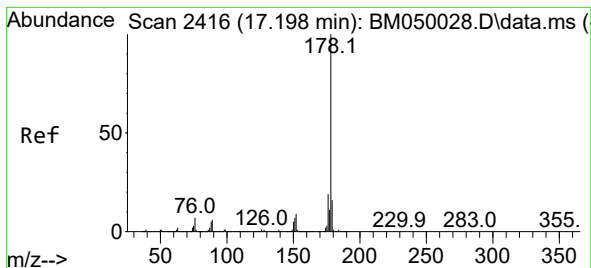
Ion Ratio Lower Upper

266 100

268 64.8 51.2 76.8

264 62.1 49.6 74.4





#71

Phenanthrene

Concen: 43.149 ng

RT: 17.192 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

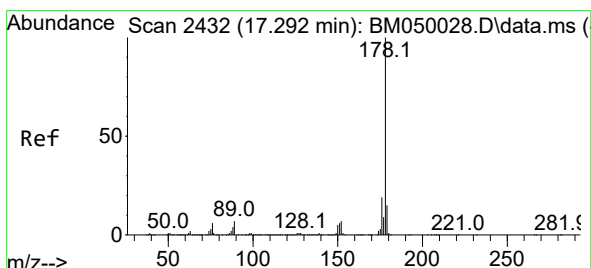
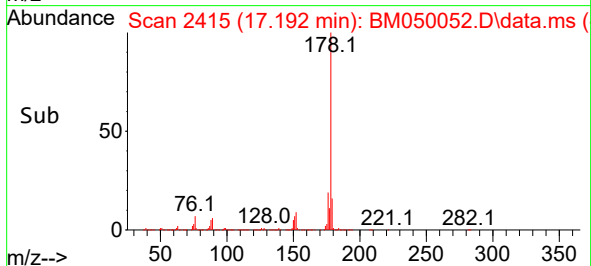
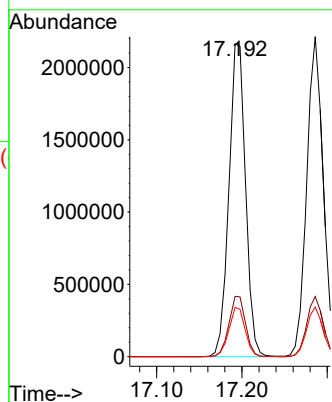
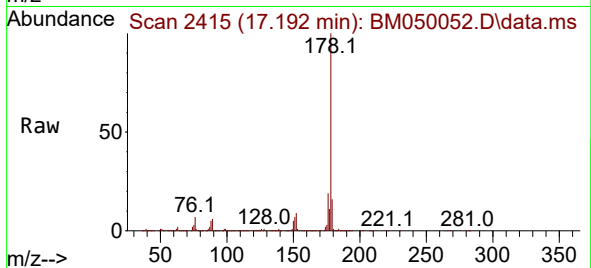
Tgt Ion:178 Resp: 2937185

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 15.7 12.4 18.6



#72

Anthracene

Concen: 43.356 ng

RT: 17.286 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

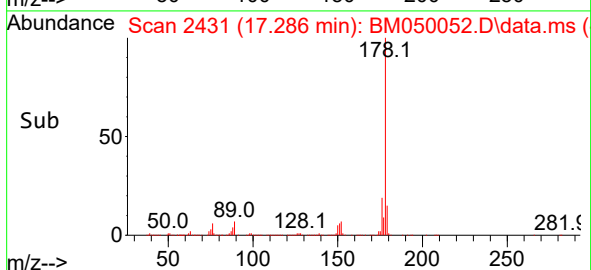
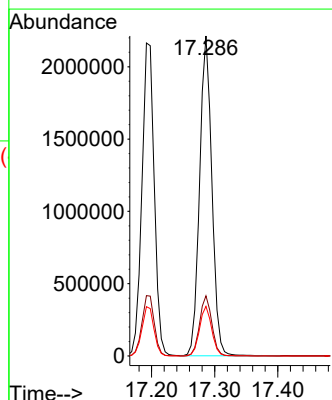
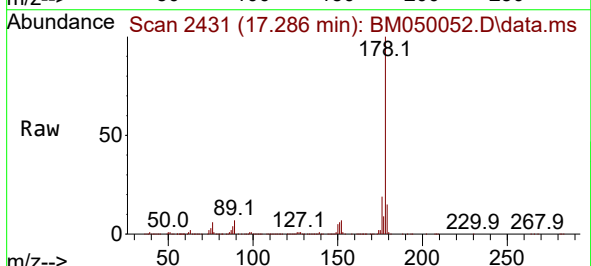
Tgt Ion:178 Resp: 2986673

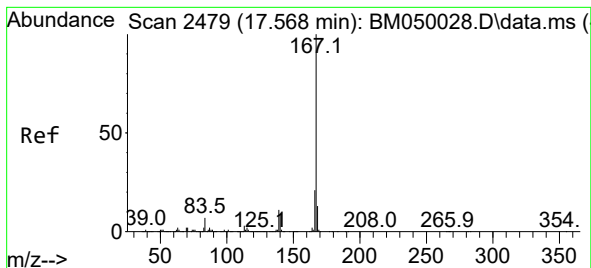
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

179 15.5 12.2 18.4





#73

Carbazole

Concen: 42.961 ng

RT: 17.562 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

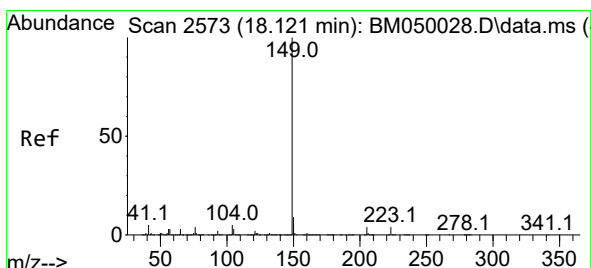
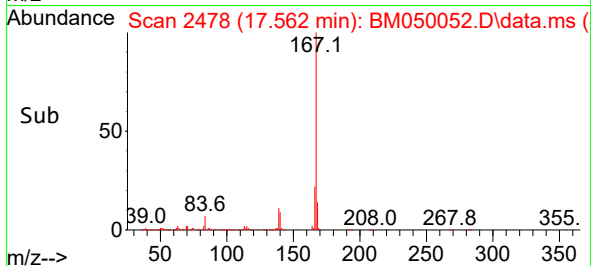
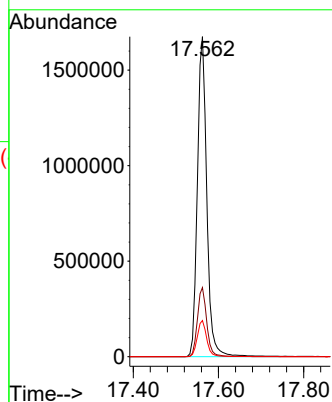
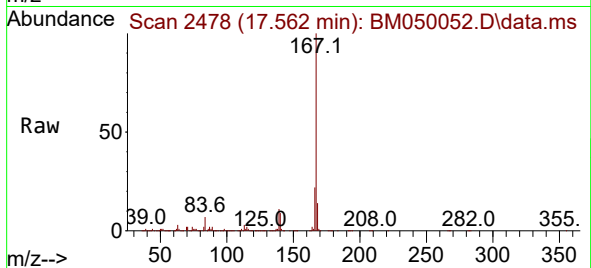
Tgt Ion:167 Resp: 2568034

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 11.3 9.0 13.6



#74

Di-n-butylphthalate

Concen: 43.057 ng

RT: 18.115 min Scan# 2572

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

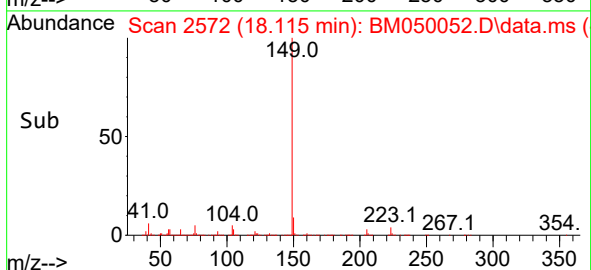
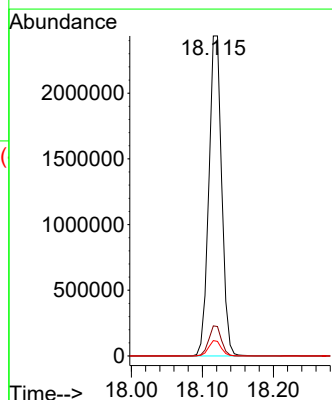
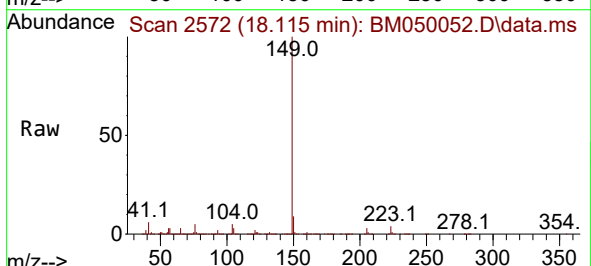
Tgt Ion:149 Resp: 3065088

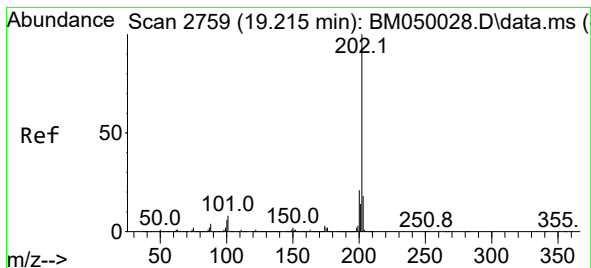
Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

104 4.8 3.8 5.6

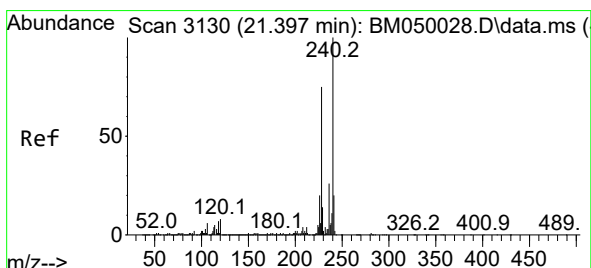
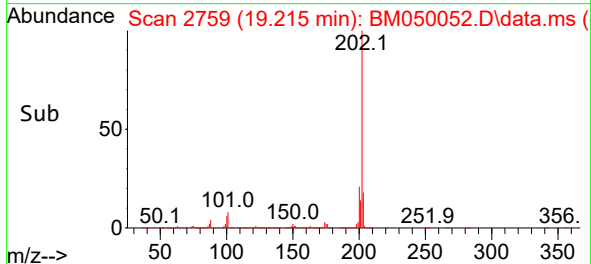
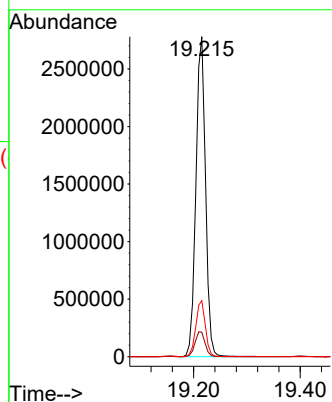
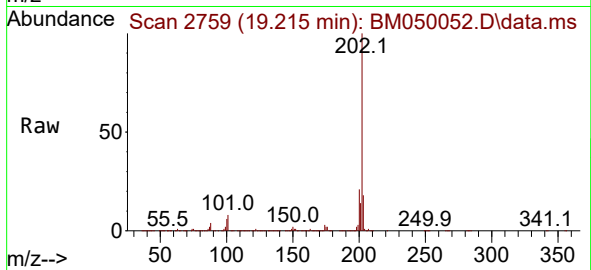




#75
 Fluoranthene
 Concen: 43.640 ng
 RT: 19.215 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM050052.D
 Acq: 30 Apr 2025 19:20

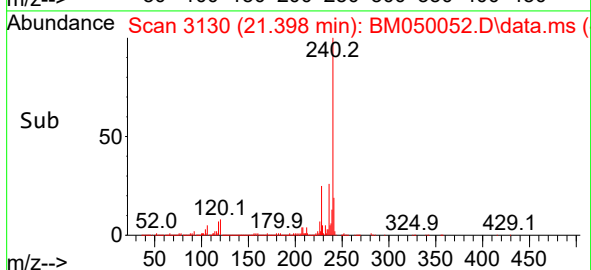
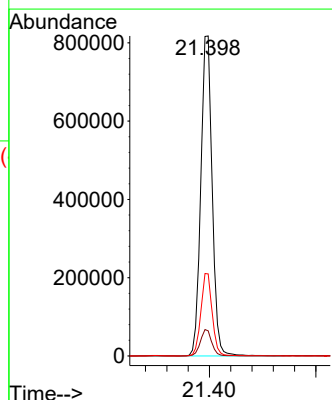
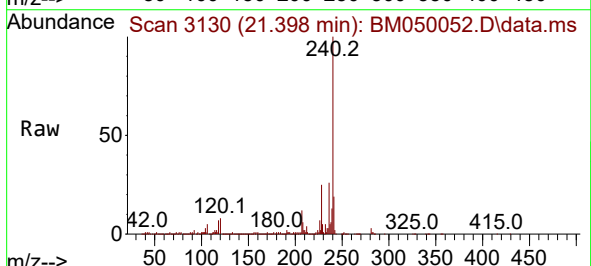
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

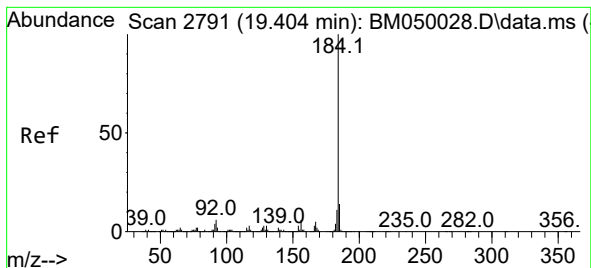
Tgt Ion:202 Resp: 3487707
 Ion Ratio Lower Upper
 202 100
 101 7.7 0.0 28.0
 203 17.5 0.0 37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.398 min Scan# 3130
 Delta R.T. 0.001 min
 Lab File: BM050052.D
 Acq: 30 Apr 2025 19:20

Tgt Ion:240 Resp: 1210247
 Ion Ratio Lower Upper
 240 100
 120 7.9 6.5 9.7
 236 25.6 20.9 31.3





#77

Benzidine

Concen: 37.711 ng

RT: 19.398 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

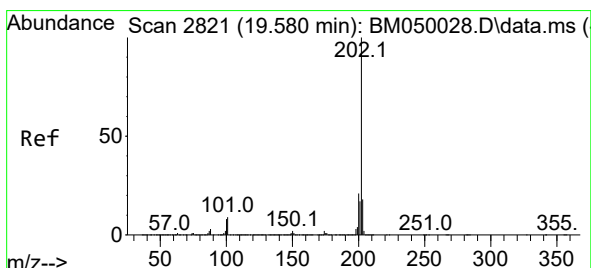
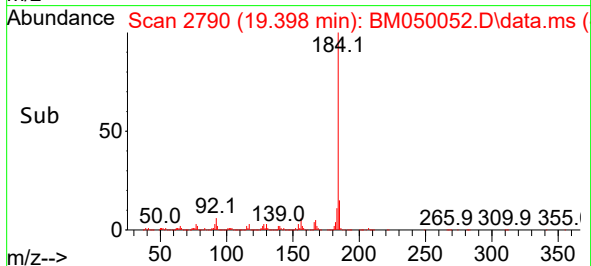
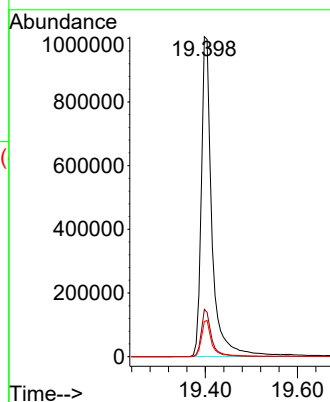
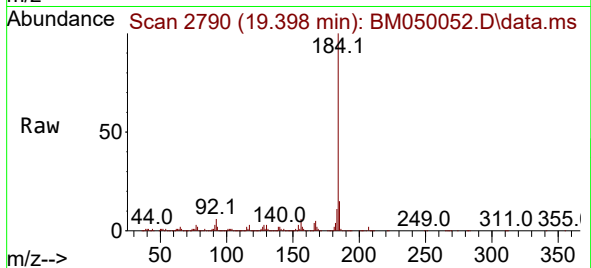
Tgt Ion:184 Resp: 1621166

Ion Ratio Lower Upper

184 100

185 14.8 11.5 17.3

183 11.0 8.9 13.3



#78

Pyrene

Concen: 42.398 ng

RT: 19.574 min Scan# 2820

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

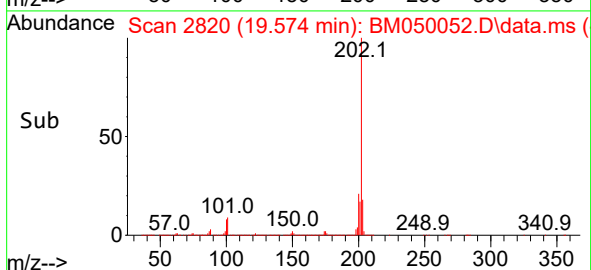
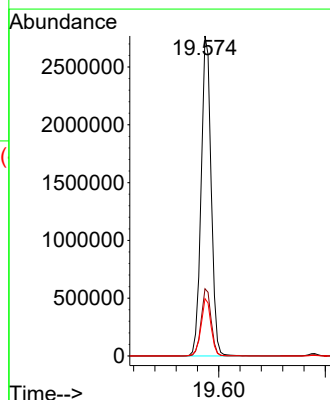
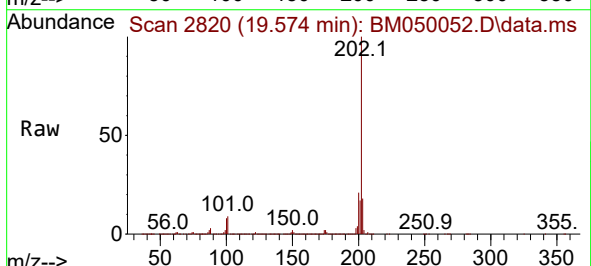
Tgt Ion:202 Resp: 3603294

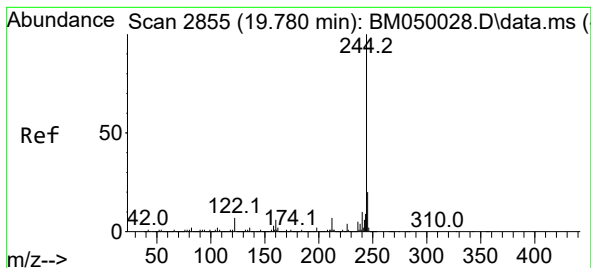
Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 91.926 ng

RT: 19.780 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

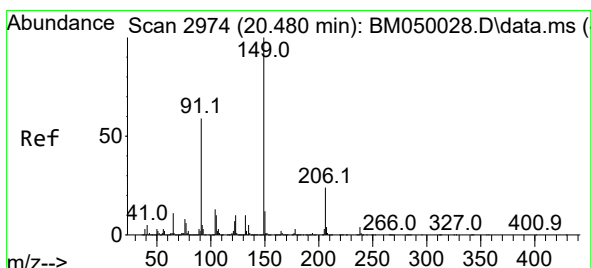
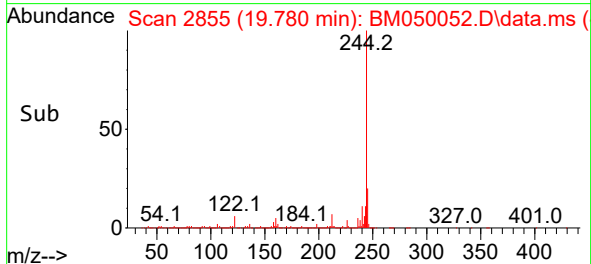
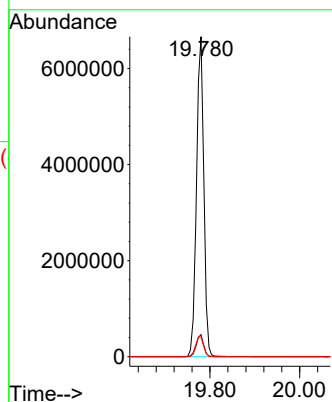
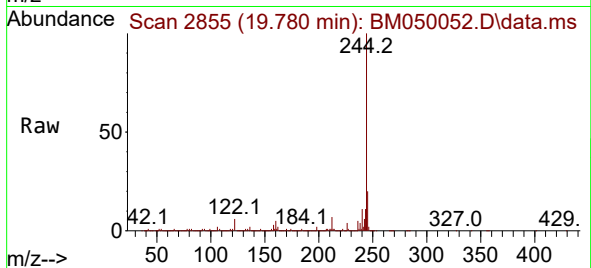
Tgt Ion:244 Resp: 7518456

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 6.1 5.6 8.4



#80

Butylbenzylphthalate

Concen: 41.551 ng

RT: 20.474 min Scan# 2973

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

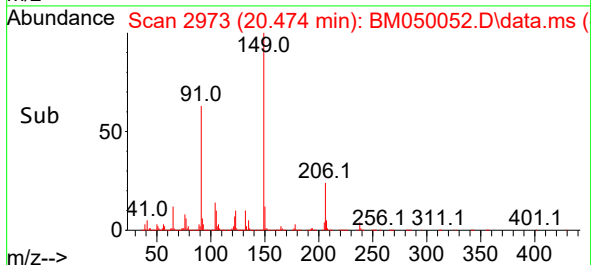
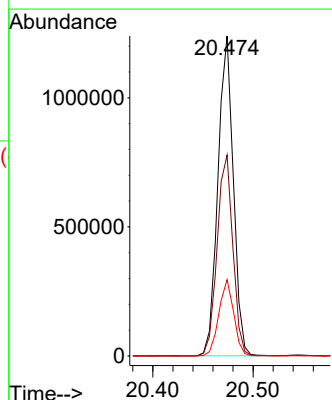
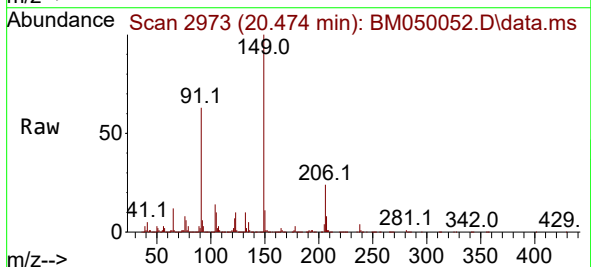
Tgt Ion:149 Resp: 1322615

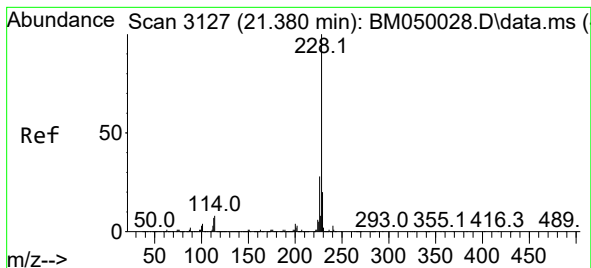
Ion Ratio Lower Upper

149 100

91 62.8 47.4 71.2

206 23.8 19.4 29.0





#81

Benzo(a)anthracene

Concen: 42.916 ng

RT: 21.374 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

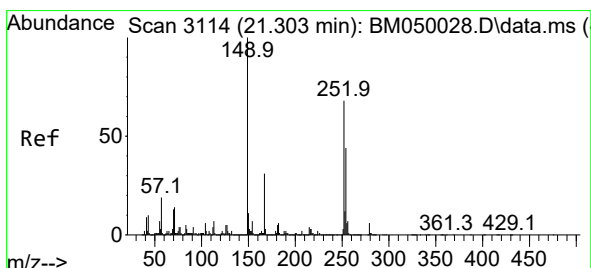
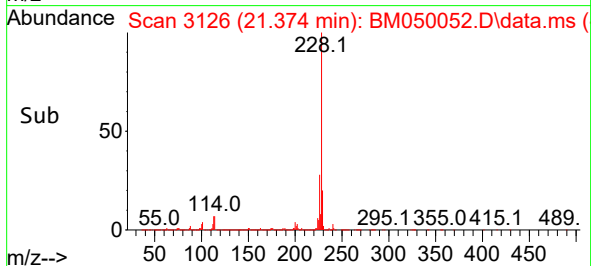
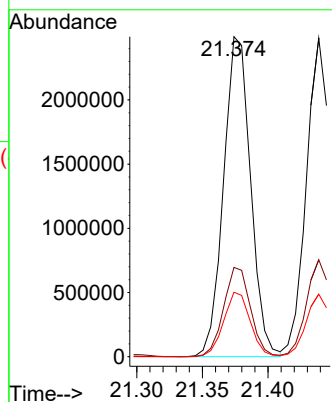
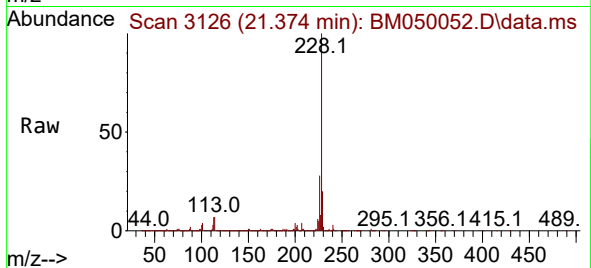
Tgt Ion:228 Resp: 3576630

Ion Ratio Lower Upper

228 100

226 27.9 22.1 33.1

229 20.1 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 42.286 ng

RT: 21.303 min Scan# 3114

Delta R.T. 0.000 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

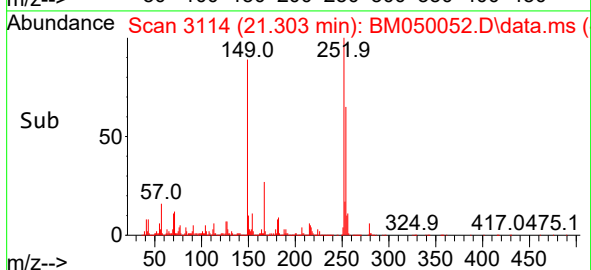
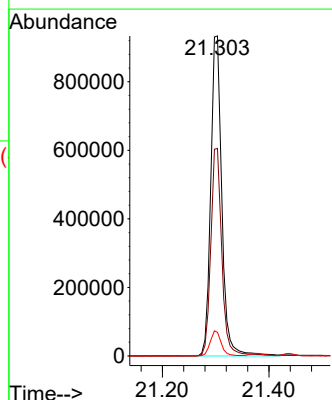
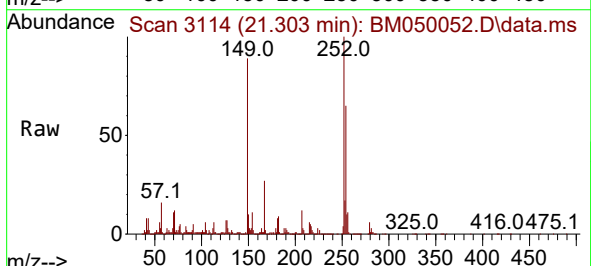
Tgt Ion:252 Resp: 1349081

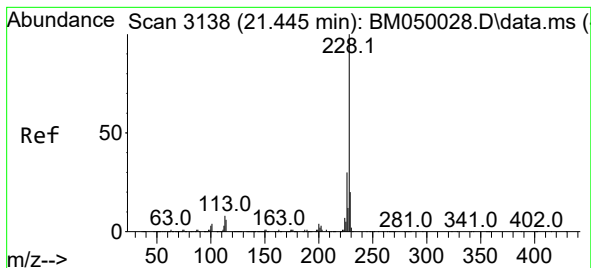
Ion Ratio Lower Upper

252 100

254 64.9 51.8 77.6

126 7.4 6.0 9.0





#83

Chrysene

Concen: 42.564 ng

RT: 21.439 min Scan# 3137

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

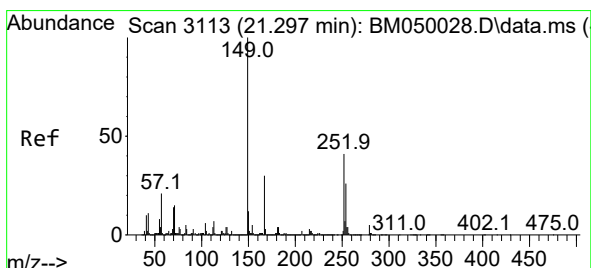
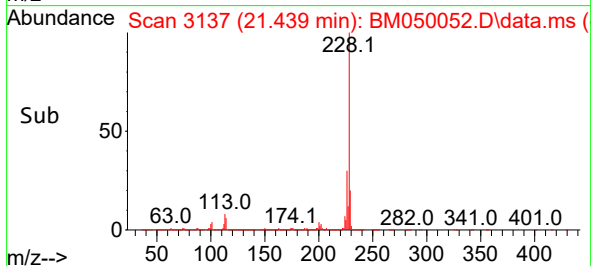
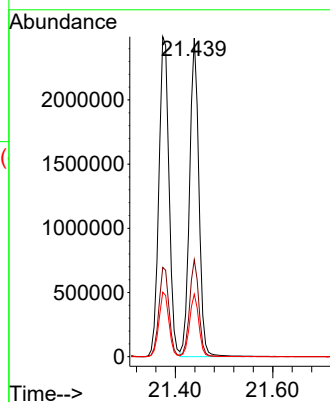
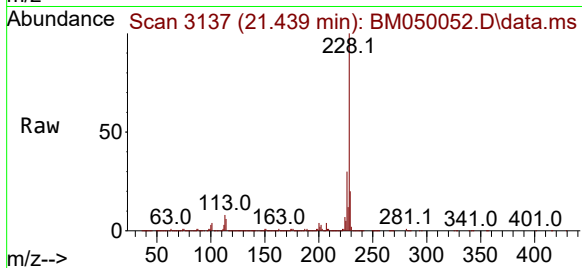
Tgt Ion:228 Resp: 3283134

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.2

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.804 ng

RT: 21.292 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

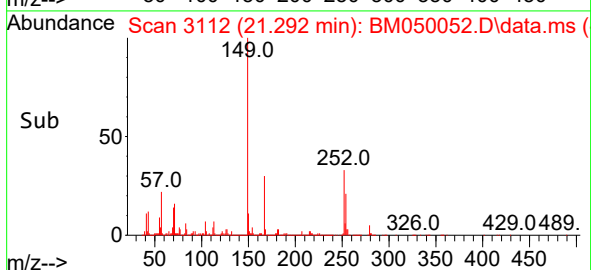
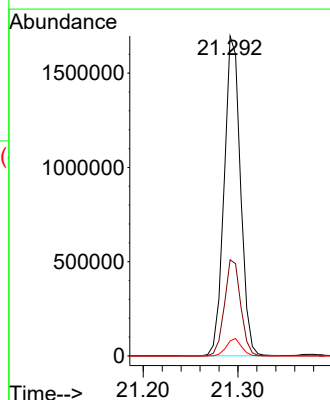
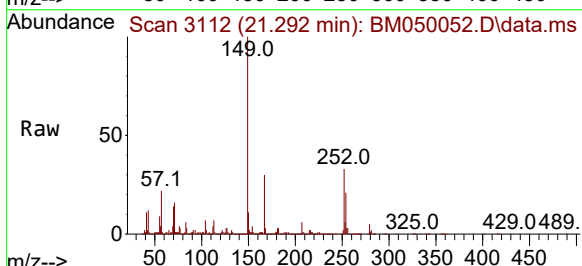
Tgt Ion:149 Resp: 2035117

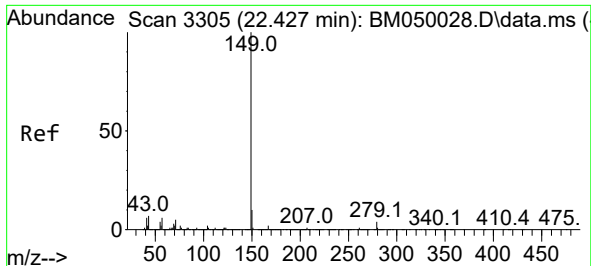
Ion Ratio Lower Upper

149 100

167 30.0 24.1 36.1

279 4.7 3.9 5.9

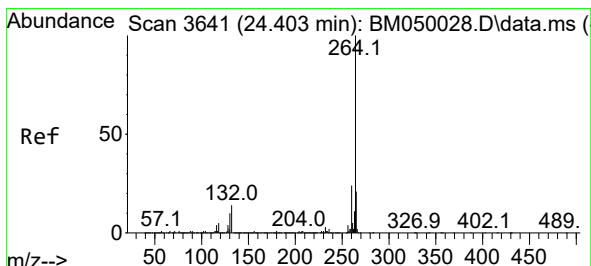
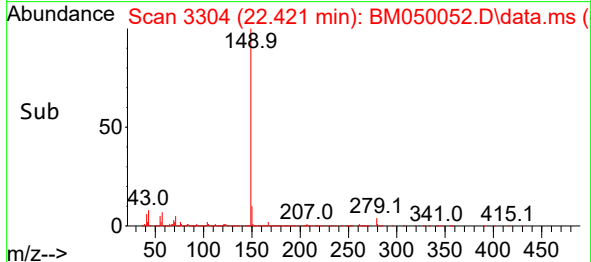
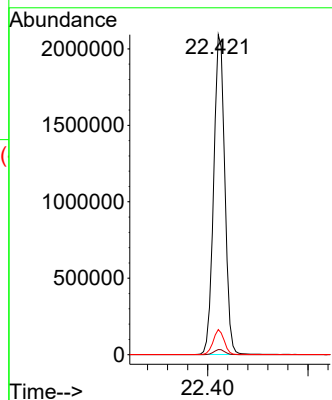
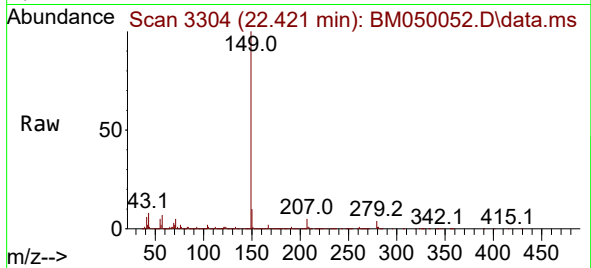




#85
Di-n-octyl phthalate
Concen: 41.024 ng
RT: 22.421 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

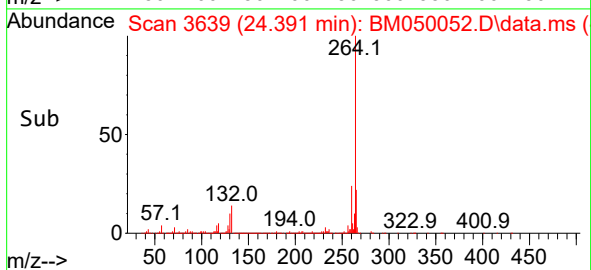
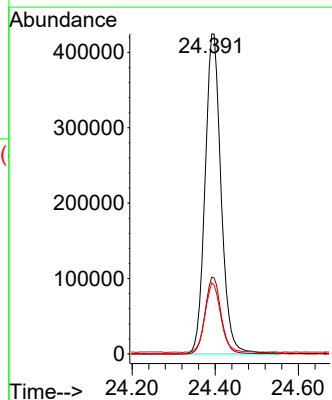
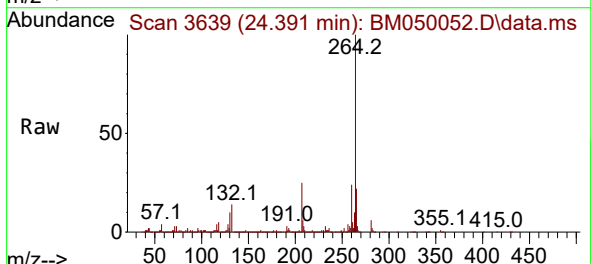
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

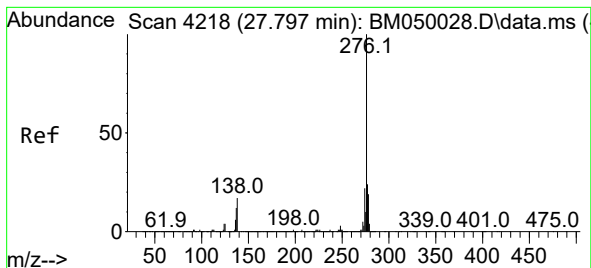
Tgt Ion:149 Resp: 3216660
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.7 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.391 min Scan# 3639
Delta R.T. -0.012 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

Tgt Ion:264 Resp: 1136546
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 22.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.955 ng

RT: 27.785 min Scan# 4218

Delta R.T. -0.012 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

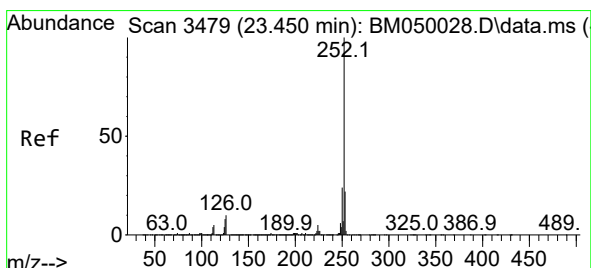
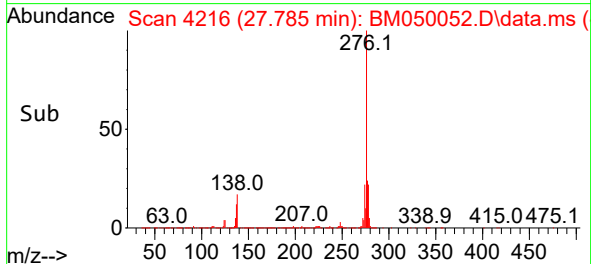
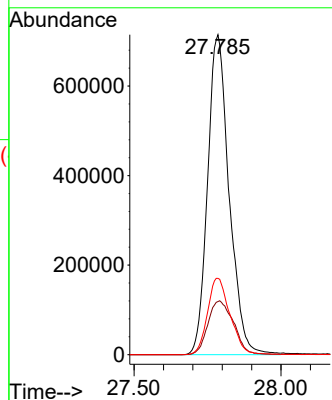
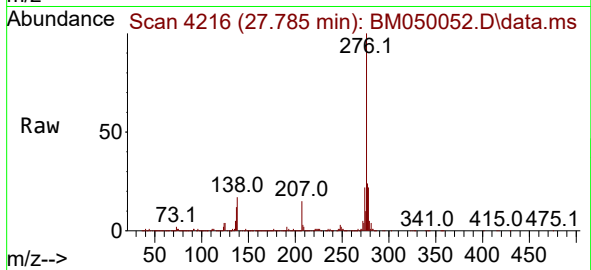
Tgt Ion:276 Resp: 3637745

Ion Ratio Lower Upper

276 100

138 20.1 16.4 24.6

277 25.1 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 43.696 ng

RT: 23.450 min Scan# 3479

Delta R.T. 0.000 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

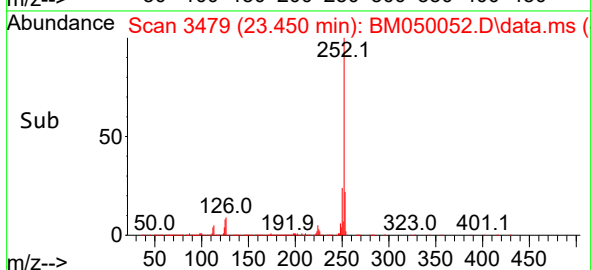
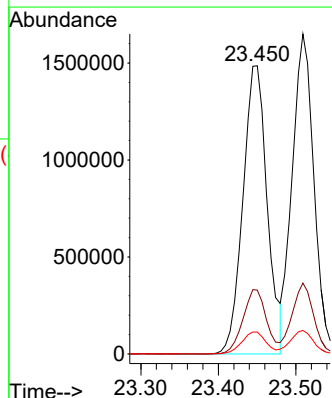
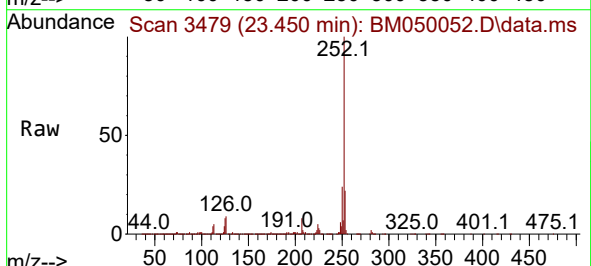
Tgt Ion:252 Resp: 3229711

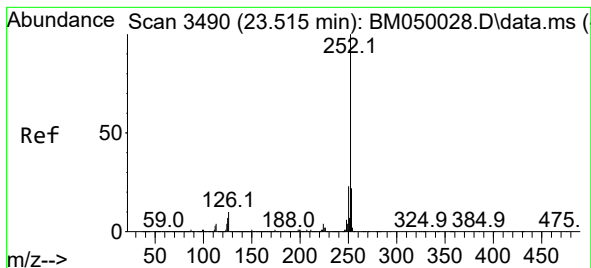
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 7.6 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 43.305 ng

RT: 23.509 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

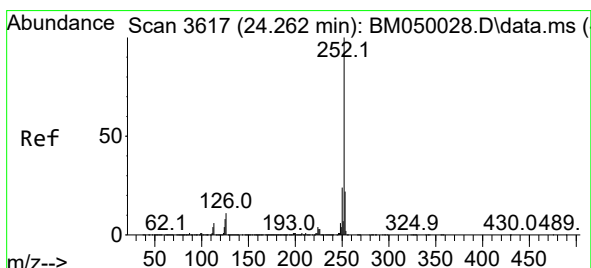
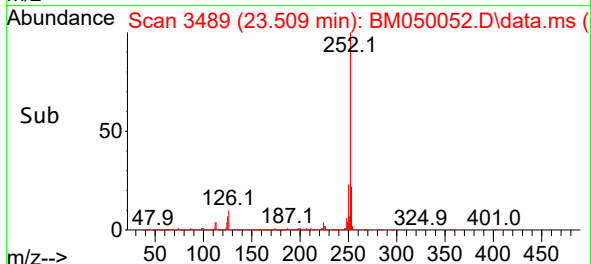
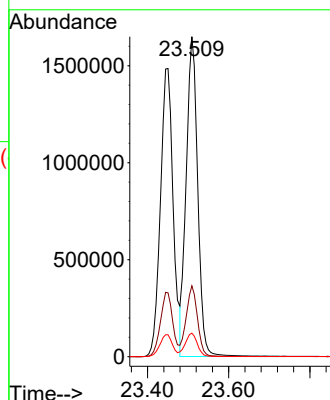
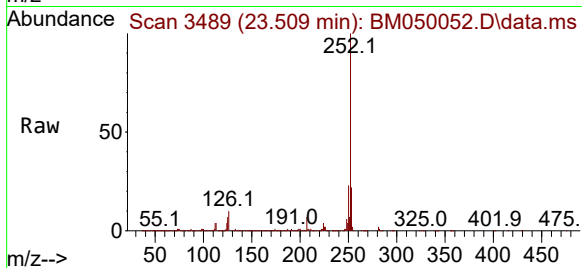
Tgt Ion:252 Resp: 3237678

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 7.4 5.8 8.8



#90

Benzo(a)pyrene

Concen: 42.893 ng

RT: 24.256 min Scan# 3616

Delta R.T. -0.006 min

Lab File: BM050052.D

Acq: 30 Apr 2025 19:20

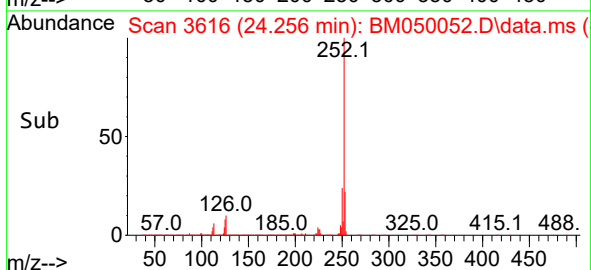
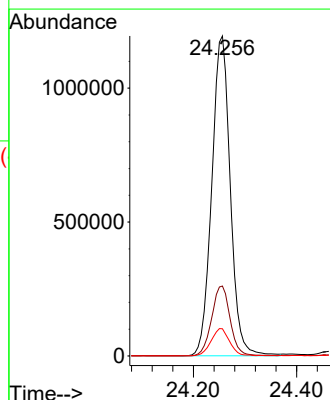
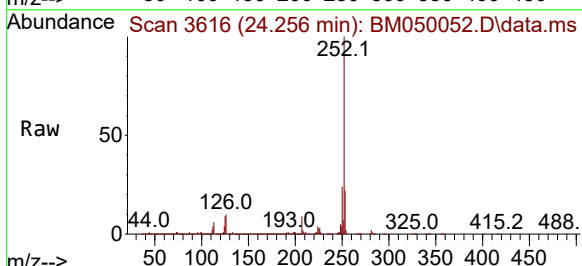
Tgt Ion:252 Resp: 2969353

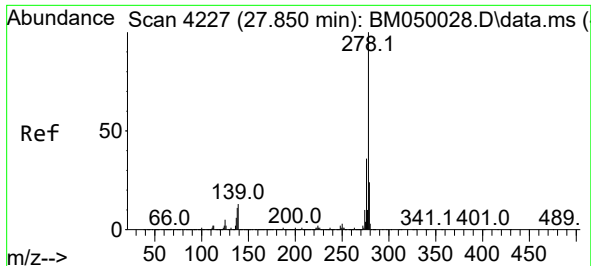
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 8.5 6.6 9.8

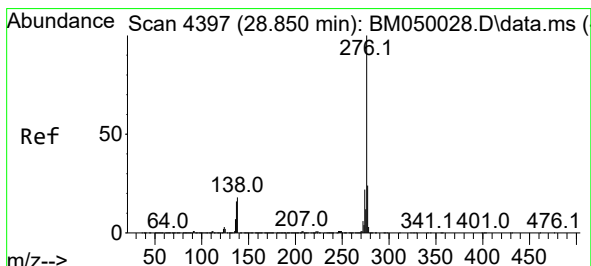
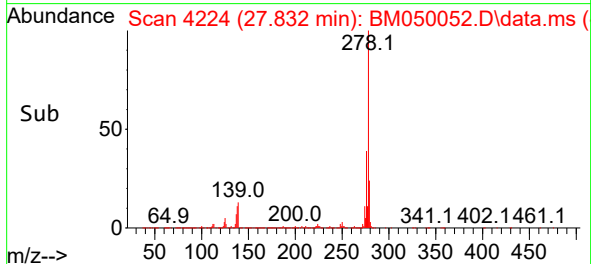
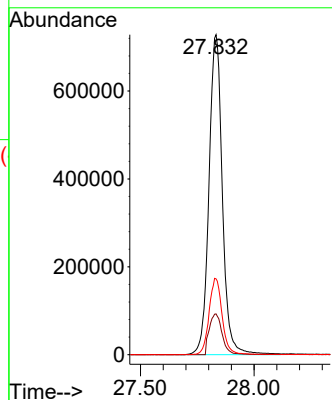
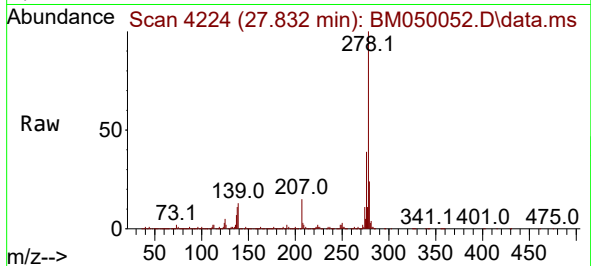




#91
Dibenzo(a,h)anthracene
Concen: 43.220 ng
RT: 27.832 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 2983620
Ion Ratio Lower Upper
278 100
139 12.8 10.5 15.7
279 23.7 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 42.532 ng
RT: 28.838 min Scan# 4395
Delta R.T. -0.012 min
Lab File: BM050052.D
Acq: 30 Apr 2025 19:20

Tgt Ion:276 Resp: 2810990
Ion Ratio Lower Upper
276 100
277 23.6 19.1 28.7
138 17.5 14.3 21.5

