

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
 Data File : BM050084.D
 Acq On : 02 May 2025 14:00
 Operator : RC/JU
 Sample : Q1914-11MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SS-8MSD

Quant Time: May 02 14:57:54 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	7.751	152	318543	20.000	ng	-0.02
21) Naphthalene-d8	10.557	136	669041	20.000	ng	# 0.00
39) Acenaphthene-d10	14.410	164	587094	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1125283	20.000	ng	# 0.00
76) Chrysene-d12	21.386	240	1238341	20.000	ng	-0.01
86) Perylene-d12	24.374	264	1405067	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1646268	90.498	ng	-0.01
7) Phenol-d6	6.940	99	1813827	79.331	ng	-0.01
23) Nitrobenzene-d5	8.910	82	1287153	94.802	ng	-0.02
42) 2,4,6-Tribromophenol	15.904	330	768854	88.568	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	2406843	48.497	ng	-0.01
79) Terphenyl-d14	19.774	244	3619052	43.245	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.234	88	329299	42.219	ng	98
3) Pyridine	3.634	79	901669	44.992	ng	98
4) n-Nitrosodimethylamine	3.546	42	375268	47.744	ng	99
6) Aniline	7.081	93	279843	9.693	ng	# 95
8) 2-Chlorophenol	7.322	128	825339	41.962	ng	99
9) Benzaldehyde	6.898	77	609713	39.849	ng	# 1
10) Phenol	6.963	94	946993	40.913	ng	97
11) bis(2-Chloroethyl)ether	7.175	93	786851	40.711	ng	99
12) 1,3-Dichlorobenzene	7.640	146	962363	40.505	ng	98
13) 1,4-Dichlorobenzene	7.787	146	963935	40.384	ng	98
14) 1,2-Dichlorobenzene	8.104	146	911169	39.519	ng	97
15) Benzyl Alcohol	7.998	79	639241	40.315	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.275	45	742064	31.585	ng	69
17) 2-Methylphenol	8.210	107	596238	39.102	ng	99
18) Hexachloroethane	8.863	117	1227734	144.695	ng	# 1
19) n-Nitroso-di-n-propyla...	8.563	70	461477	31.470	ng	96
20) 3+4-Methylphenols	8.540	107	758552	36.837	ng	93
22) Acetophenone	8.557	105	2902132	174.475	ng	# 61
24) Nitrobenzene	8.957	77	818217	69.696	ng	# 95
25) Isophorone	9.481	82	1859060	80.326	ng	# 57
26) 2-Nitrophenol	9.663	139	424409	70.764	ng	# 74
27) 2,4-Dimethylphenol	9.739	122	621753	62.512	ng	99
28) bis(2-Chloroethoxy)met...	9.963	93	743439	51.972	ng	# 75
29) 2,4-Dichlorophenol	10.216	162	766341	68.776	ng	98
30) 1,2,4-Trichlorobenzene	10.416	180	873722	64.360	ng	99
31) Naphthalene	10.604	128	3121337	92.123	ng	# 94
32) Benzoic acid	9.916	122	388178	61.023	ng	# 1
33) 4-Chloroaniline	10.722	127	201228	14.490	ng	# 78
34) Hexachlorobutadiene	10.886	225	587920	68.225	ng	99
35) Caprolactam	11.486	113	141636	43.595	ng	# 1
36) 4-Chloro-3-methylphenol	11.863	107	541640	52.615	ng	99
37) 2-Methylnaphthalene	12.228	142	3716761	163.618	ng	98
38) 1-Methylnaphthalene	12.445	142	2795228	116.274	ng	100
40) 1,2,4,5-Tetrachloroben...	12.604	216	999784	49.193	ng	98
41) Hexachlorocyclopentadiene	12.575	237	1084083	87.284	ng	100
43) 2,4,6-Trichlorophenol	12.845	196	598415	46.423	ng	99

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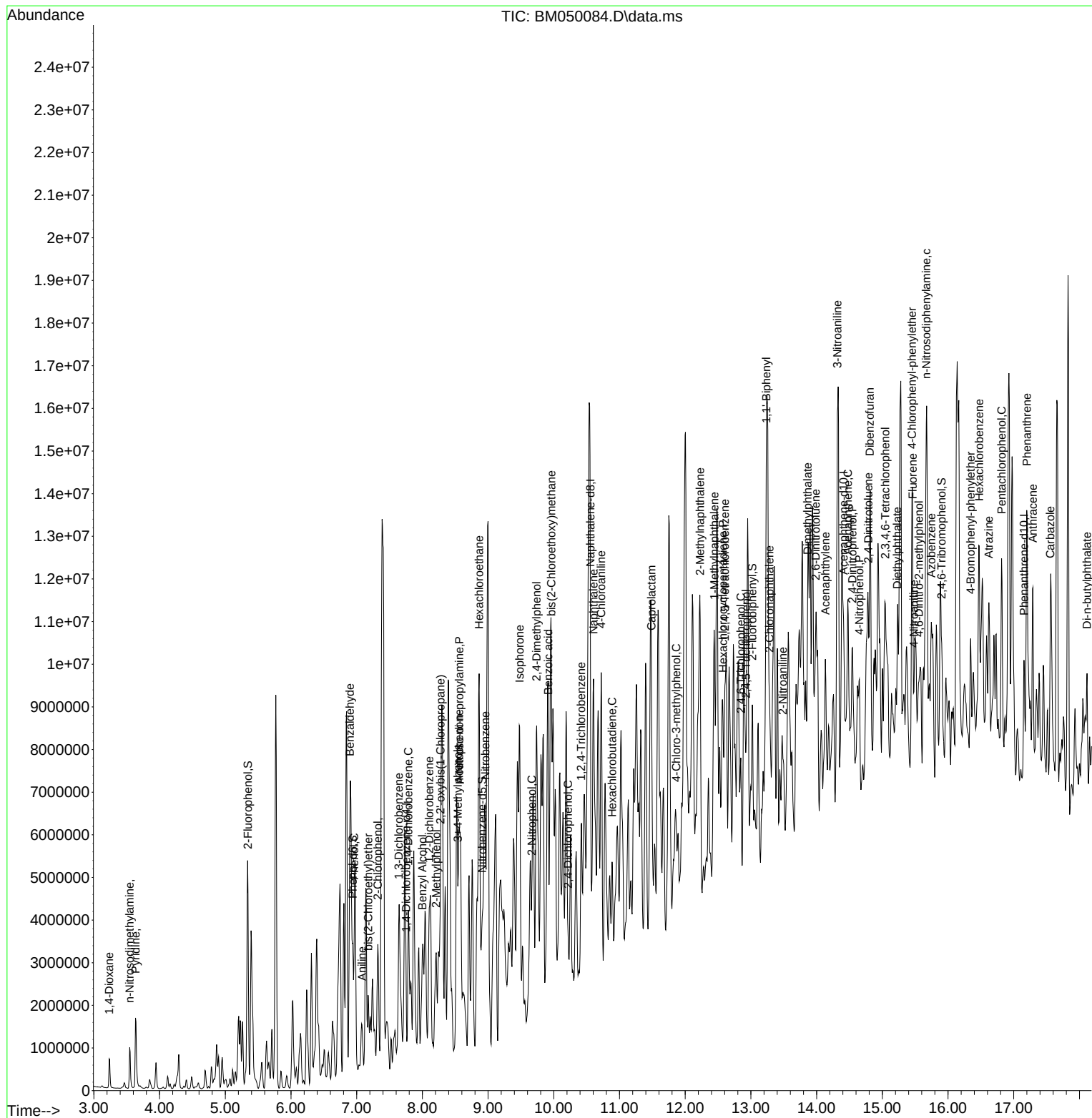
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.927	196	639623	46.014	ng	# 81
46) 1,1'-Biphenyl	13.233	154	1850245	42.396	ng	98
47) 2-Chloronaphthalene	13.280	162	1346233	38.949	ng	99
48) 2-Nitroaniline	13.486	65	302213	37.254	ng	95
49) Acenaphthylene	14.133	152	2185096	40.096	ng	94
50) Dimethylphthalate	13.863	163	1590725	37.075	ng	# 94
51) 2,6-Dinitrotoluene	13.986	165	386386	43.496	ng	88
52) Acenaphthene	14.474	154	1320681	41.867	ng	98
53) 3-Nitroaniline	14.316	138	152605	17.993	ng	# 83
54) 2,4-Dinitrophenol	14.545	184	385380	68.665	ng	# 91
55) Dibenzofuran	14.810	168	2125064	40.490	ng	# 90
56) 4-Nitrophenol	14.651	139	642317	92.350	ng	# 74
57) 2,4-Dinitrotoluene	14.786	165	504294	41.083	ng	# 81
58) Fluorene	15.463	166	1978779	46.062	ng	# 96
59) 2,3,4,6-Tetrachlorophenol	15.045	232	556346	46.238	ng	# 36
60) Diethylphthalate	15.227	149	1578439	39.043	ng	92
61) 4-Chlorophenyl-phenyle...	15.451	204	964137	40.860	ng	95
62) 4-Nitroaniline	15.480	138	228227	27.892	ng	93
63) Azobenzene	15.745	77	1155833	34.113	ng	# 70
65) 4,6-Dinitro-2-methylph...	15.557	198	254881	36.185	ng	# 47
66) n-Nitrosodiphenylamine	15.668	169	1764120	51.053	ng	87
67) 4-Bromophenyl-phenylether	16.345	248	630089	46.304	ng	97
68) Hexachlorobenzene	16.474	284	715533	45.617	ng	95
69) Atrazine	16.621	200	708947	56.879	ng	98
70) Pentachlorophenol	16.815	266	947009	107.257	ng	99
71) Phenanthrene	17.198	178	4410458	69.492	ng	98
72) Anthracene	17.292	178	2950004	45.930	ng	98
73) Carbazole	17.557	167	2296748	41.209	ng	96
74) Di-n-butylphthalate	18.115	149	2556510	38.518	ng	98
75) Fluoranthene	19.215	202	6478876	86.948	ng	98
77) Benzidine	19.409	184	1253466	28.496	ng	97
78) Pyrene	19.580	202	6575812	75.619	ng	98
80) Butylbenzylphthalate	20.468	149	1210644	37.171	ng	97
81) Benzo(a)anthracene	21.374	228	5342640	62.652	ng	98
82) 3,3'-Dichlorobenzidine	21.292	252	202465	6.202	ng	# 99
83) Chrysene	21.433	228	4779549	60.559	ng	98
84) Bis(2-ethylhexyl)phtha...	21.286	149	2303036	47.340	ng	98
85) Di-n-octyl phthalate	22.409	149	3329520	41.500	ng	99
87) Indeno(1,2,3-cd)pyrene	27.768	276	5638624	53.858	ng	97
88) Benzo(b)fluoranthene	23.439	252	5616233	61.463	ng	99
89) Benzo(k)fluoranthene	23.497	252	4464658	48.303	ng	98
90) Benzo(a)pyrene	24.239	252	5090825	59.484	ng	98
91) Dibenzo(a,h)anthracene	27.809	278	3946360	46.241	ng	99
92) Benzo(g,h,i)perylene	28.826	276	4550609	55.695	ng	98

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

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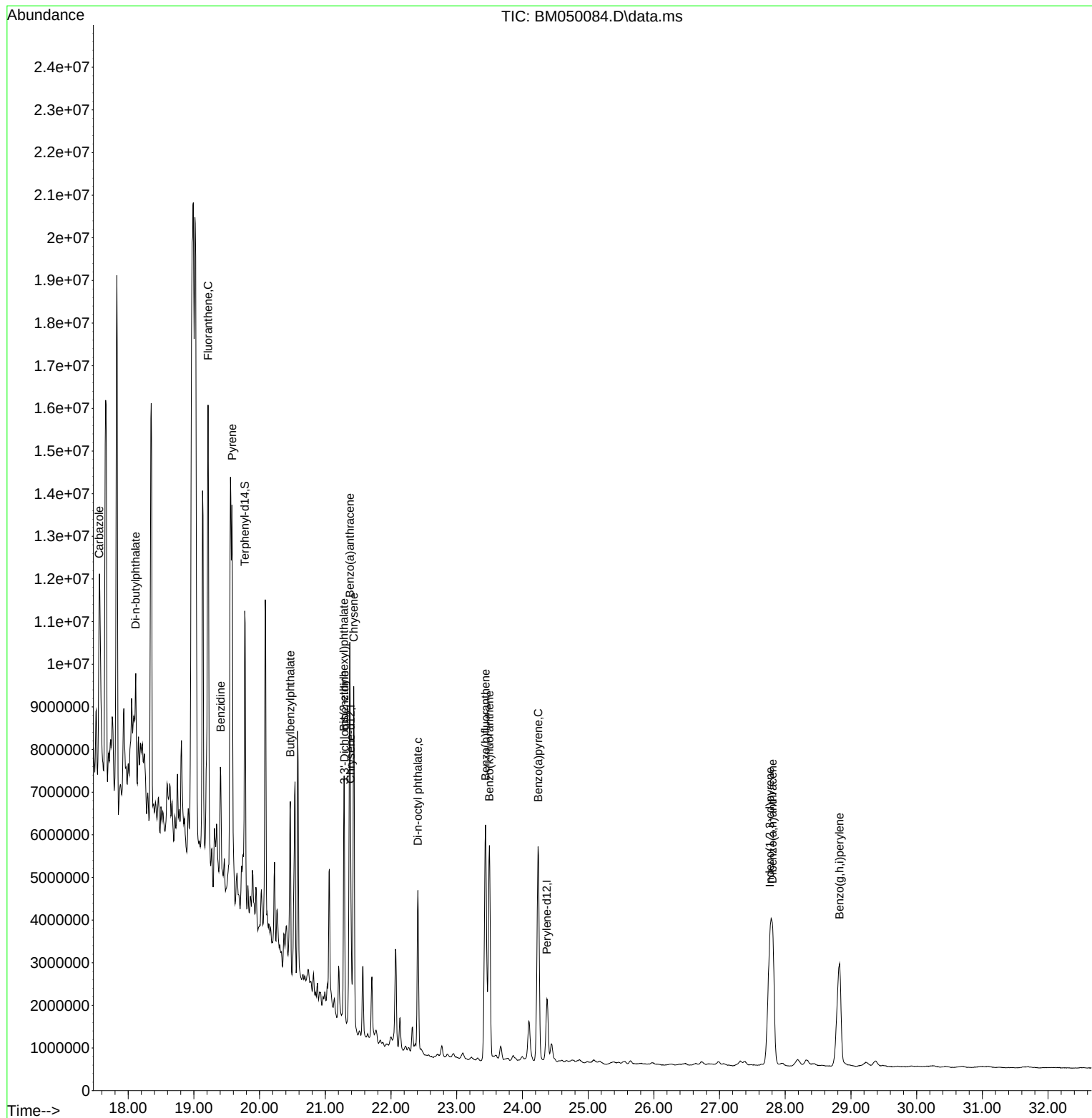
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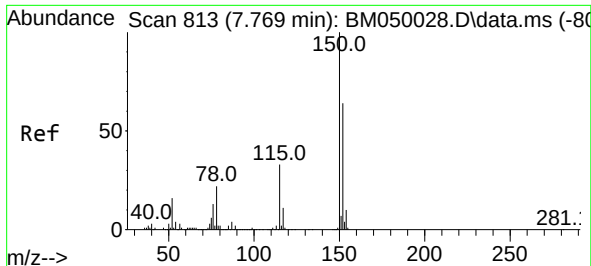


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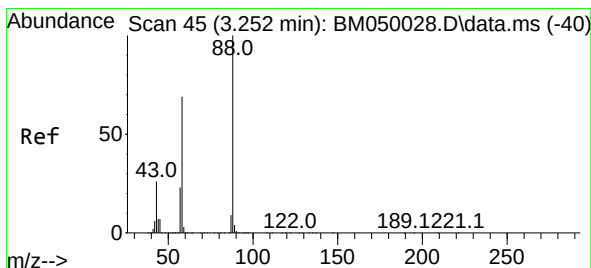
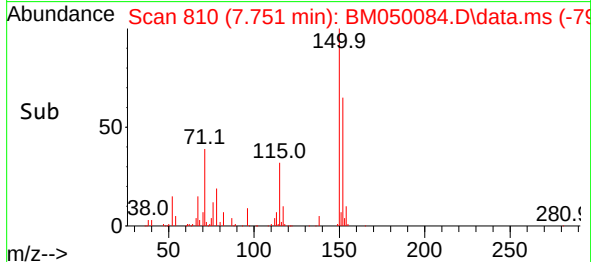
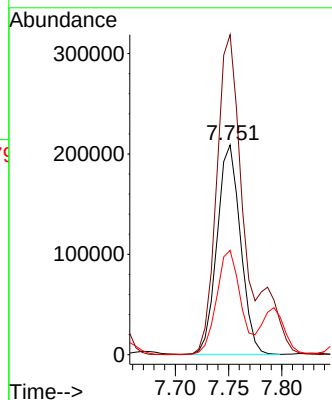
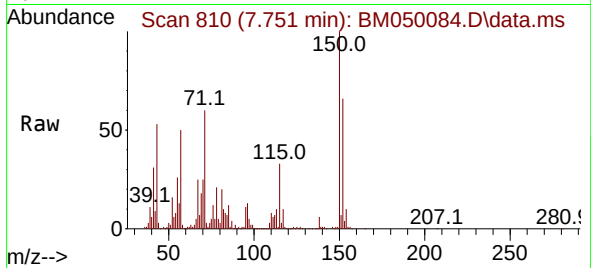




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.751 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

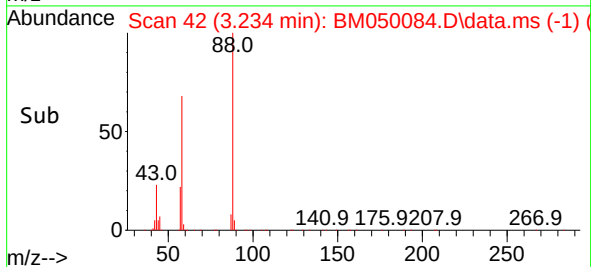
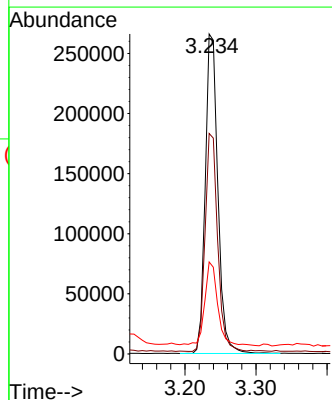
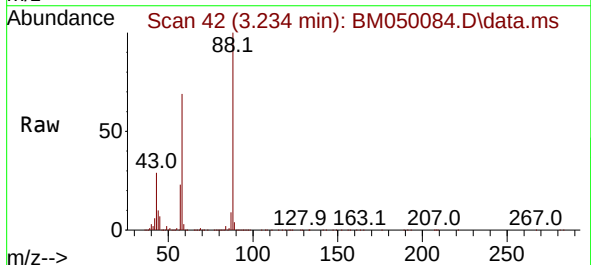
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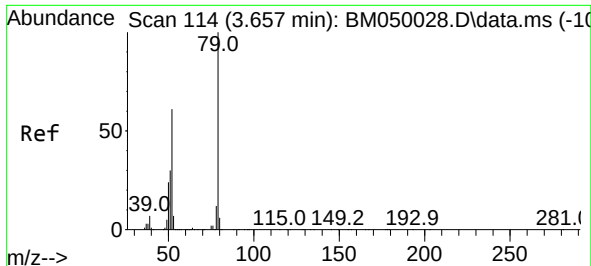
Tgt Ion:152 Resp: 318543
Ion Ratio Lower Upper
152 100
150 152.5 124.1 186.1
115 49.7 41.2 61.8



#2
1,4-Dioxane
Concen: 42.219 ng
RT: 3.234 min Scan# 42
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion: 88 Resp: 329299
Ion Ratio Lower Upper
88 100
58 67.7 55.1 82.7
43 27.2 20.9 31.3

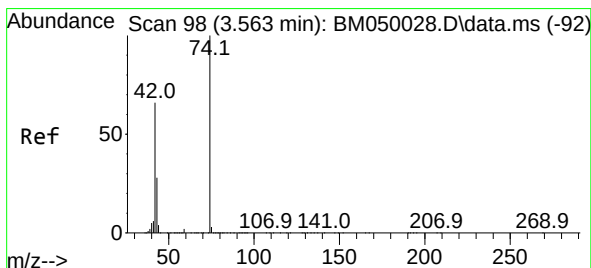
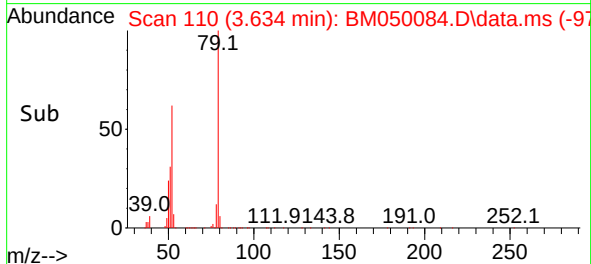
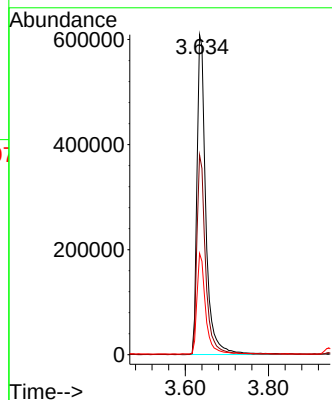
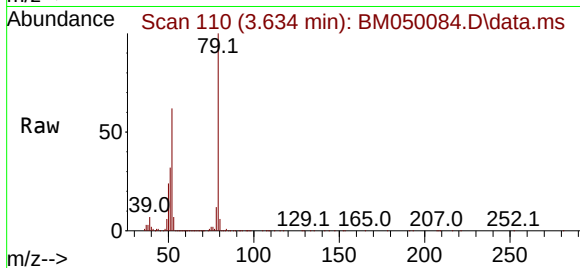




#3
Pyridine
Concen: 44.992 ng
RT: 3.634 min Scan# 114
Delta R.T. -0.023 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

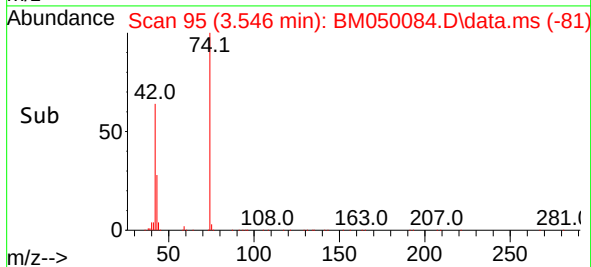
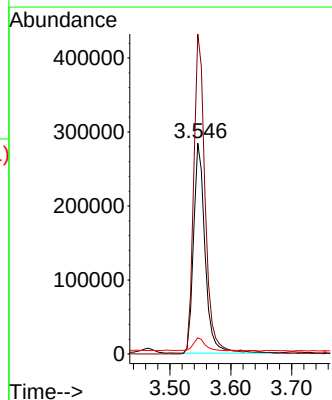
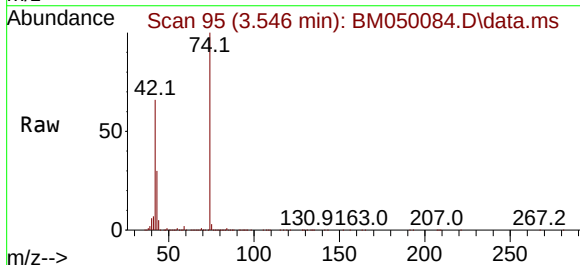
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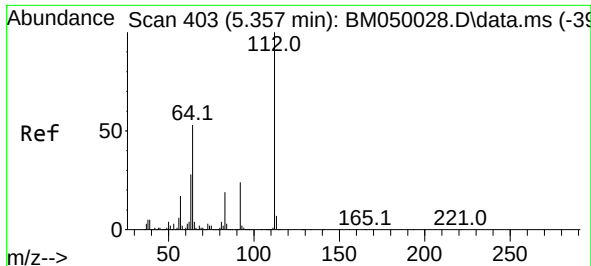
Tgt Ion: 79 Resp: 901669
Ion Ratio Lower Upper
79 100
52 62.4 48.6 72.8
51 31.6 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 47.744 ng
RT: 3.546 min Scan# 95
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion: 42 Resp: 375268
Ion Ratio Lower Upper
42 100
74 151.8 120.2 180.2
44 7.7 6.2 9.2

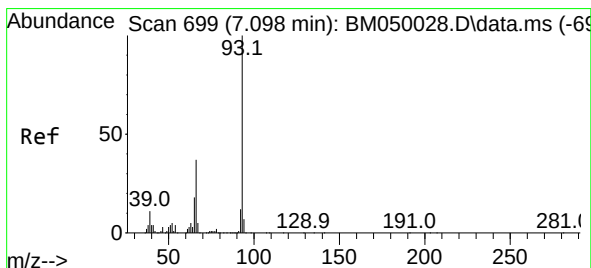
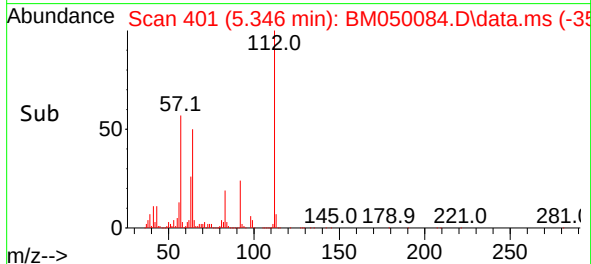
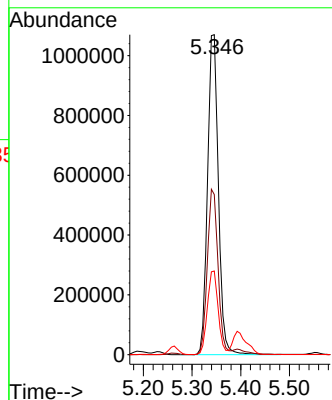
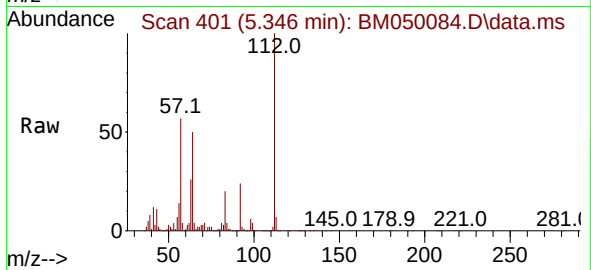




#5
2-Fluorophenol
Concen: 90.498 ng
RT: 5.346 min Scan# 403
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

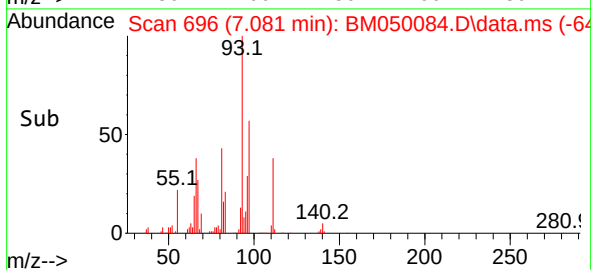
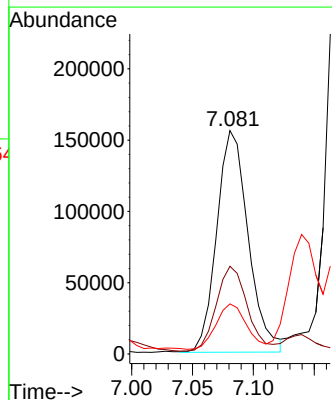
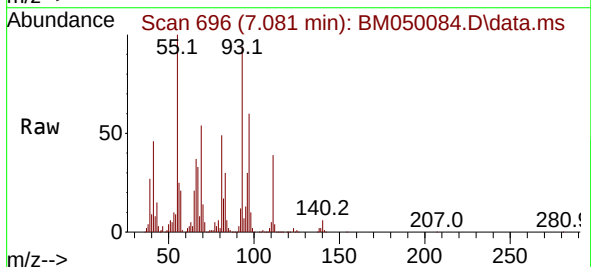
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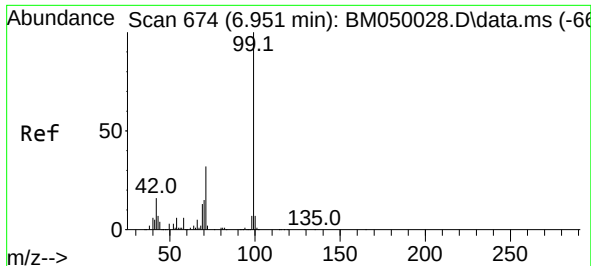
Tgt Ion:112 Resp: 1646268
Ion Ratio Lower Upper
112 100
64 50.1 42.6 64.0
63 26.1 22.2 33.4



#6
Aniline
Concen: 9.693 ng
RT: 7.081 min Scan# 696
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion: 93 Resp: 279843
Ion Ratio Lower Upper
93 100
66 39.3 29.9 44.9
65 22.4 14.5 21.7#

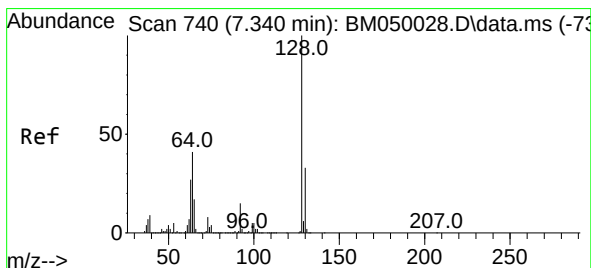
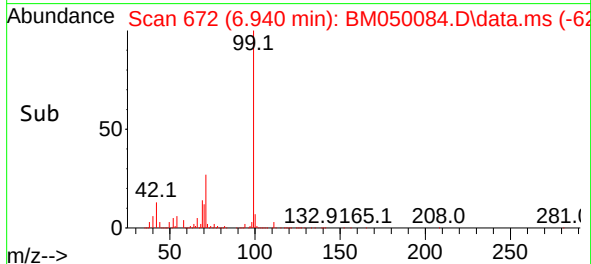
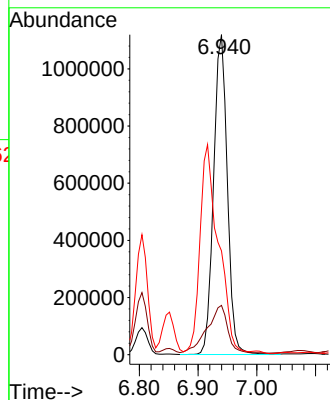
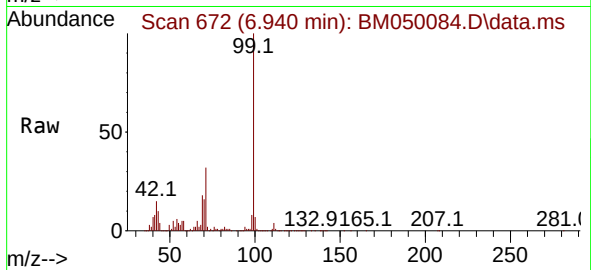




#7
Phenol-d6
Concen: 79.331 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

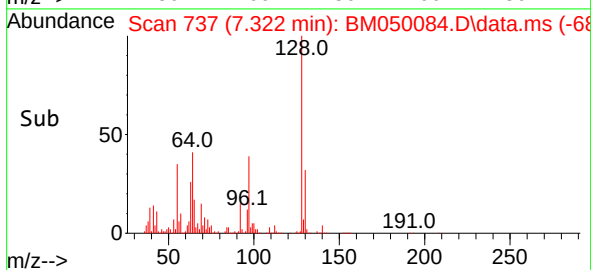
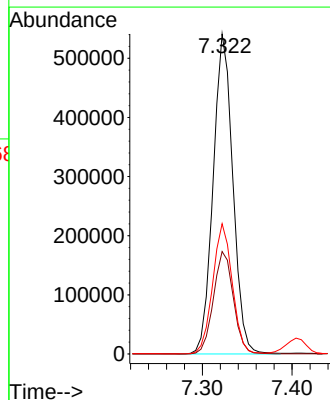
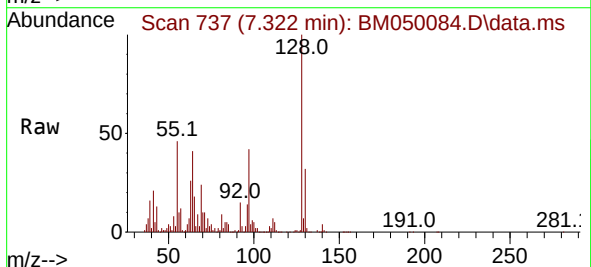
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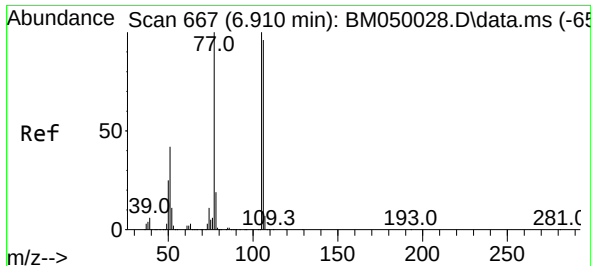
Tgt Ion: 99 Resp: 1813827
Ion Ratio Lower Upper
99 100
42 15.4 13.0 19.4
71 32.4 25.6 38.4



#8
2-Chlorophenol
Concen: 41.962 ng
RT: 7.322 min Scan# 737
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion: 128 Resp: 825339
Ion Ratio Lower Upper
128 100
130 32.0 12.8 52.8
64 40.7 21.2 61.2

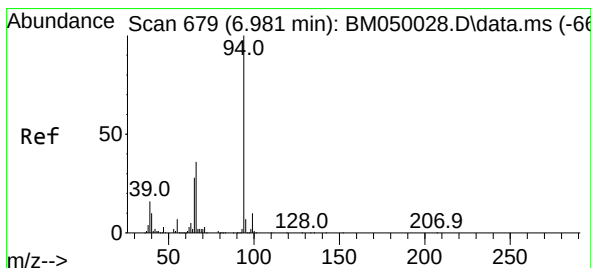
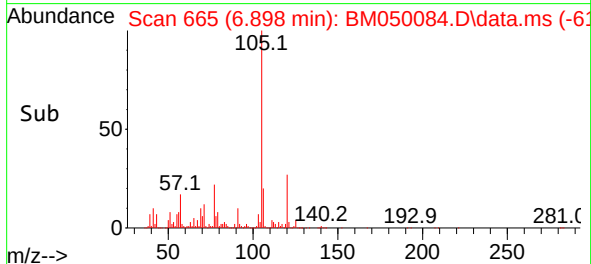
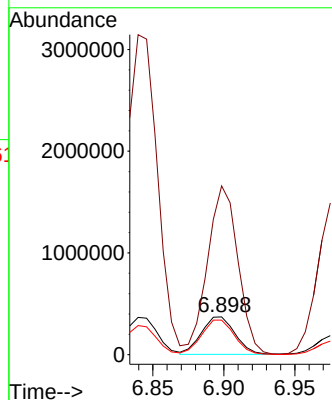
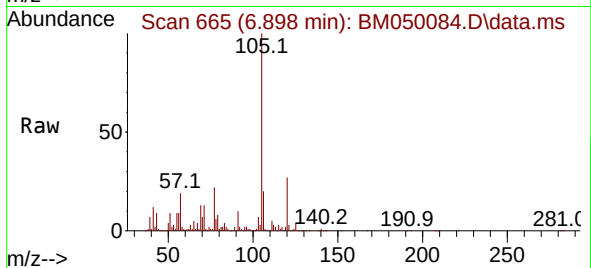




#9
Benzaldehyde
Concen: 39.849 ng
RT: 6.898 min Scan# 609
Delta R.T. -0.012 min
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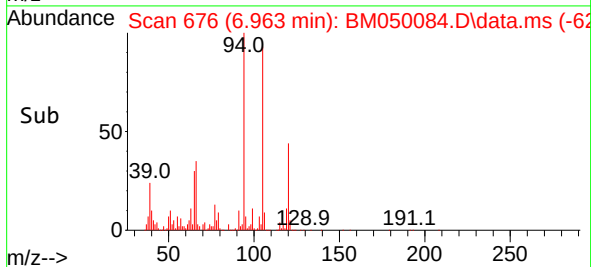
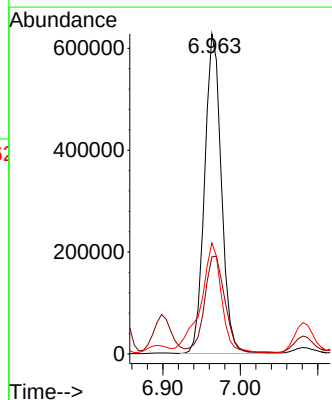
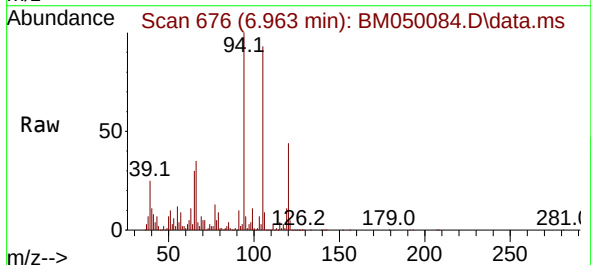
Instrument :
BNA_M
ClientSampleId :
SS-8MSD

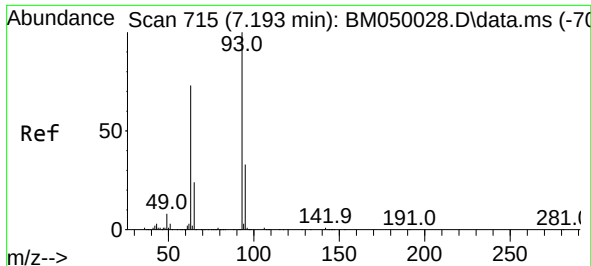
Tgt Ion: 77 Resp: 609713
Ion Ratio Lower Upper
77 100
105 447.5 80.5 120.5#
106 91.6 76.1 116.1



#10
Phenol
Concen: 40.913 ng
RT: 6.963 min Scan# 676
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion: 94 Resp: 946993
Ion Ratio Lower Upper
94 100
65 30.3 7.6 47.6
66 34.7 15.8 55.8

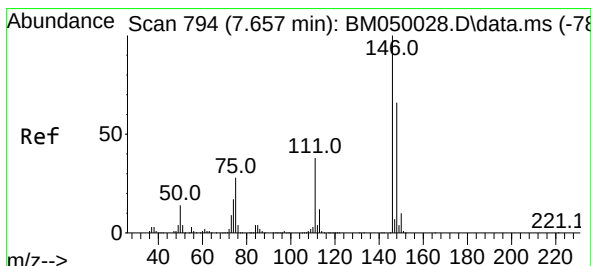
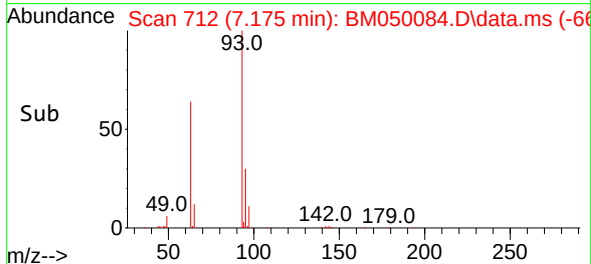
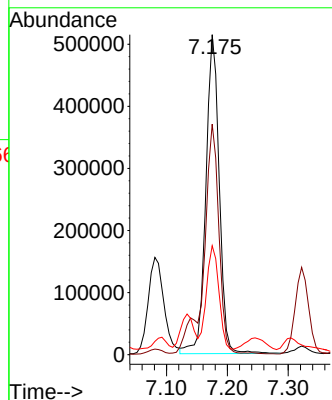
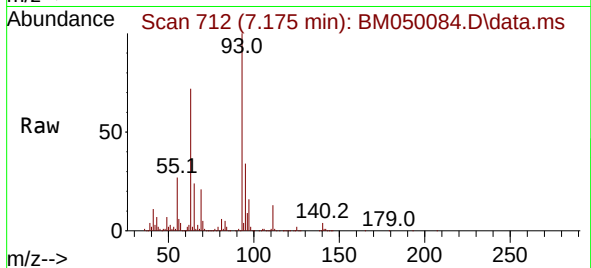




#11
bis(2-Chloroethyl)ether
Concen: 40.711 ng
RT: 7.175 min Scan# 712
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

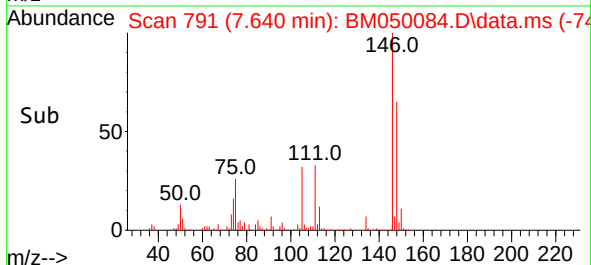
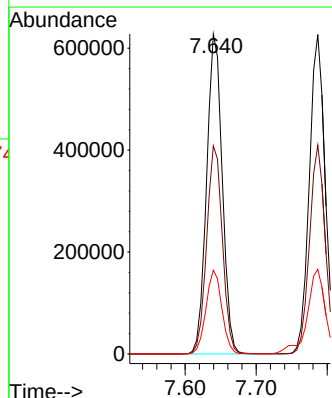
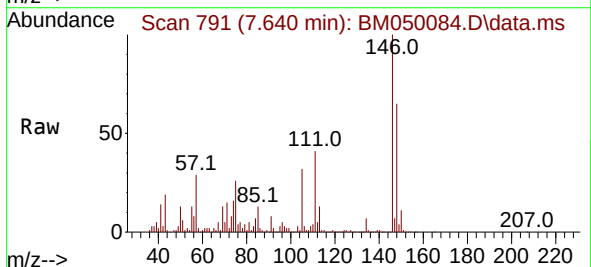
Instrument :
BNA_M
ClientSampleId :
SS-8MSD

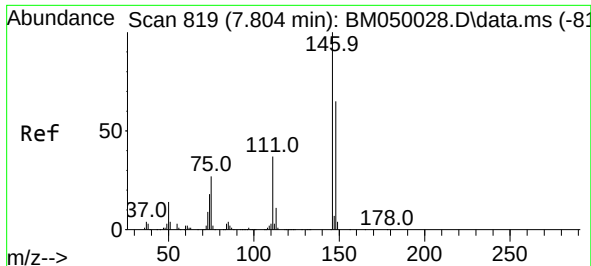
Tgt Ion: 93 Resp: 786851
Ion Ratio Lower Upper
93 100
63 72.1 52.3 92.3
95 34.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.505 ng
RT: 7.640 min Scan# 791
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:146 Resp: 962363
Ion Ratio Lower Upper
146 100
148 65.1 52.5 78.7
75 26.2 22.6 34.0

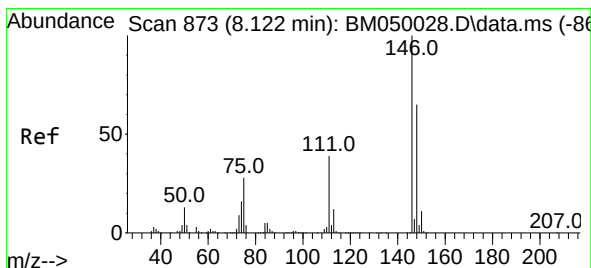
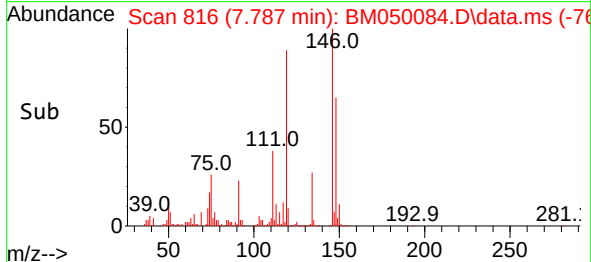
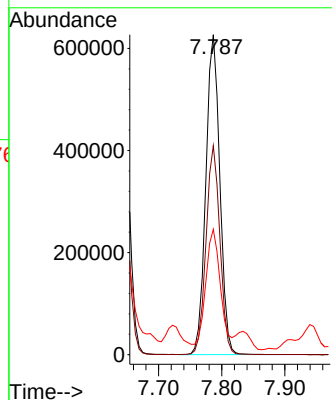
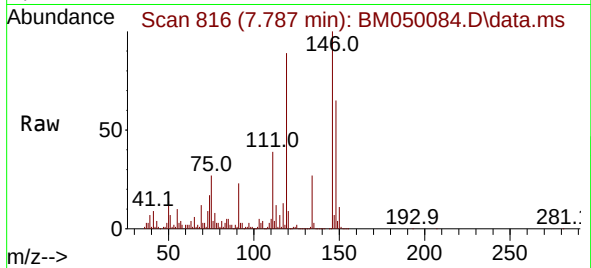




#13
1,4-Dichlorobenzene
Concen: 40.384 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

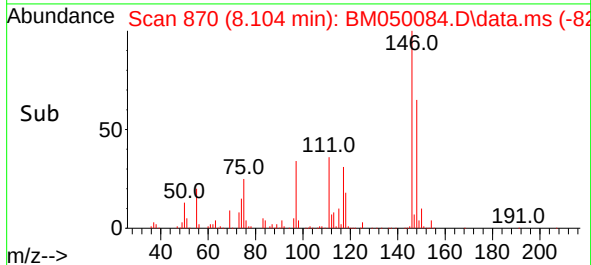
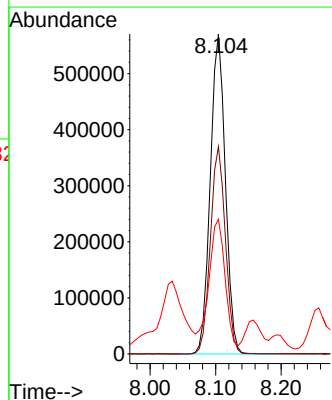
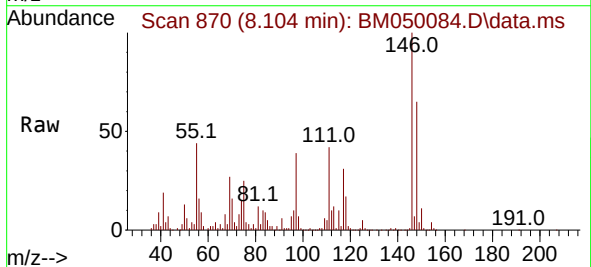
Instrument :
BNA_M
ClientSampleId :
SS-8MSD

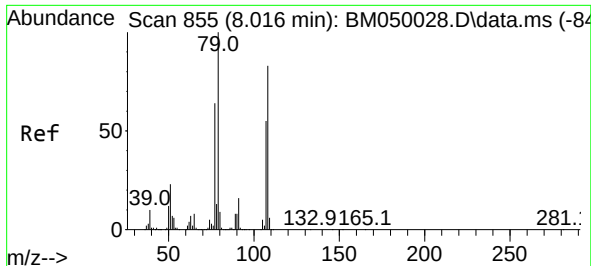
Tgt Ion:146 Resp: 963935
Ion Ratio Lower Upper
146 100
148 65.3 52.2 78.2
111 39.2 29.3 43.9



#14
1,2-Dichlorobenzene
Concen: 39.519 ng
RT: 8.104 min Scan# 870
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:146 Resp: 911169
Ion Ratio Lower Upper
146 100
148 64.8 52.4 78.6
111 42.1 31.0 46.6

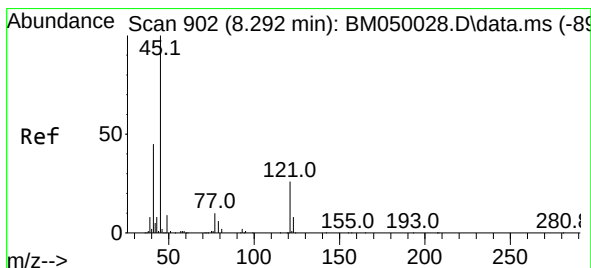
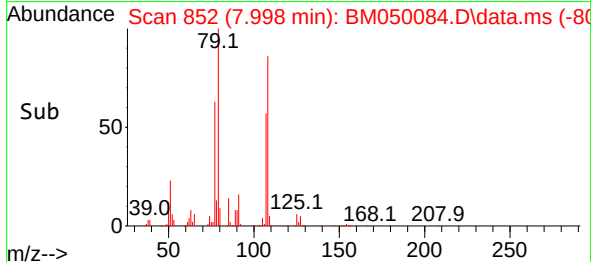
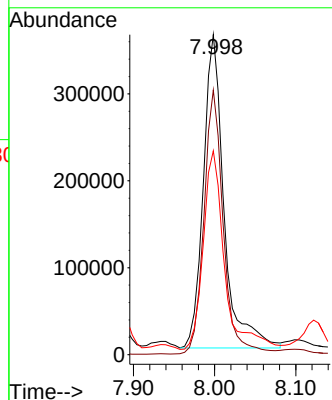
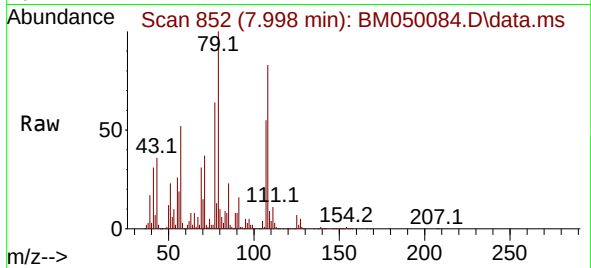




#15
Benzyl Alcohol
Concen: 40.315 ng
RT: 7.998 min Scan# 815
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

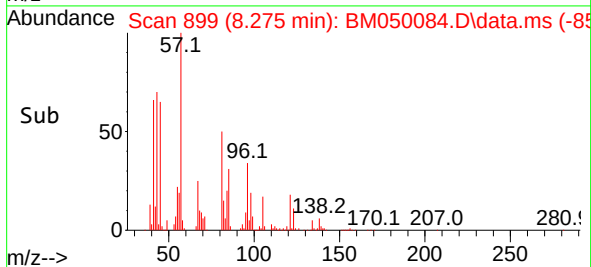
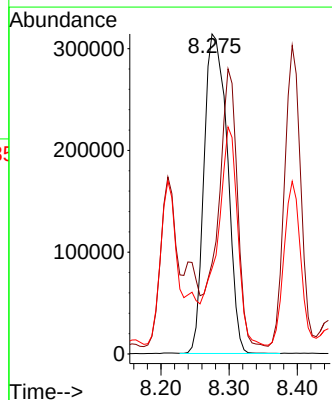
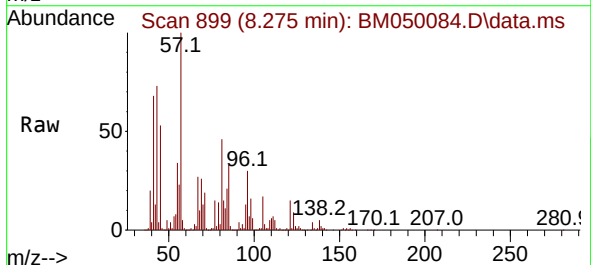
Instrument :
BNA_M
ClientSampleId :
SS-8MSD

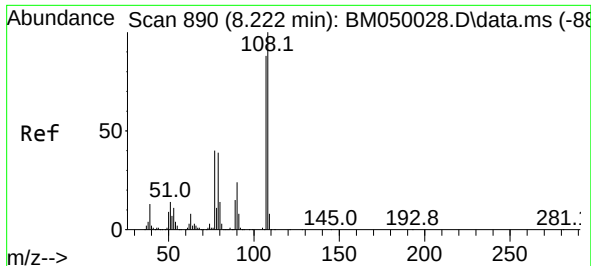
Tgt Ion: 79 Resp: 639241
Ion Ratio Lower Upper
79 100
108 82.7 66.0 99.0
77 63.7 51.6 77.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.585 ng
RT: 8.275 min Scan# 899
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion: 45 Resp: 742064
Ion Ratio Lower Upper
45 100
77 28.3 0.0 36.4
79 26.8 0.0 32.7

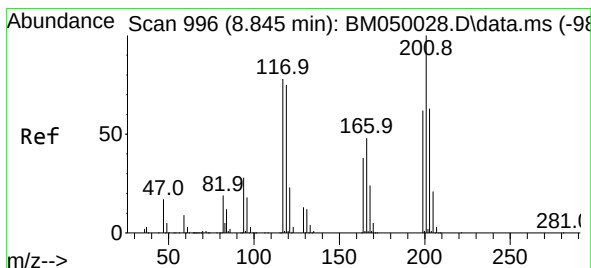
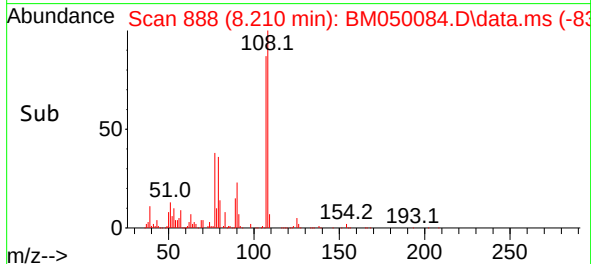
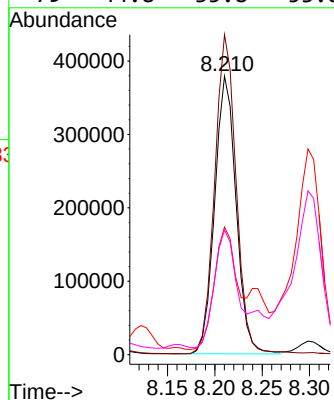
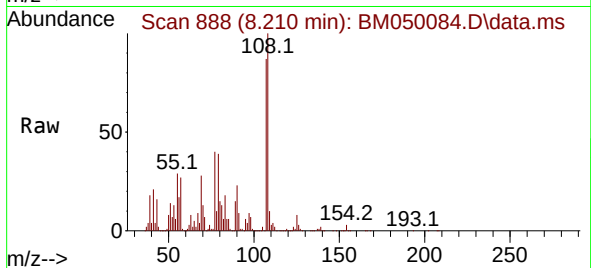




#17
2-Methylphenol
Concen: 39.102 ng
RT: 8.210 min Scan# 890
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

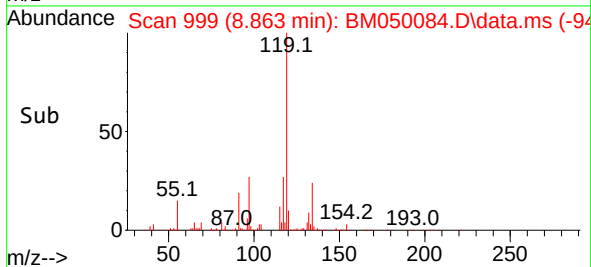
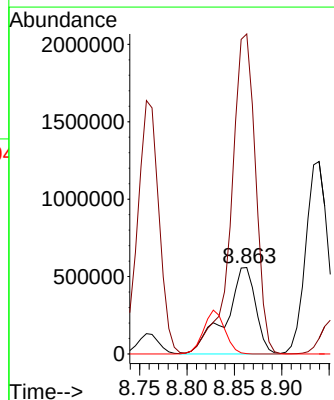
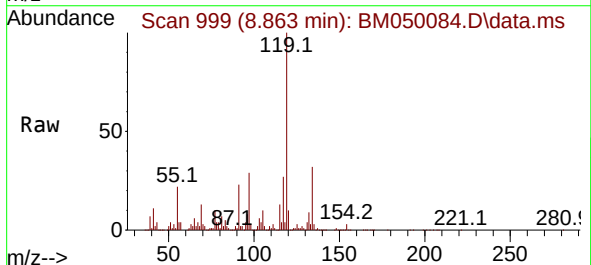
Instrument :
BNA_M
ClientSampleId :
SS-8MSD

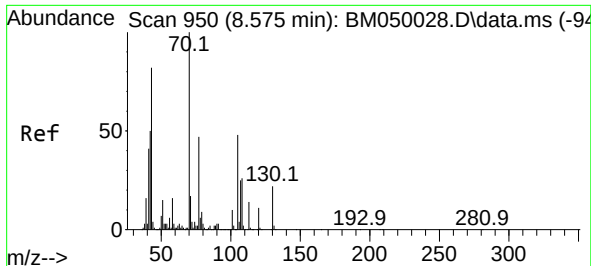
Tgt Ion:	107	Resp:	596238
Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.1	136.7
77	45.9	36.2	54.4
79	44.8	35.8	53.8



#18
Hexachloroethane
Concen: 144.695 ng
RT: 8.863 min Scan# 999
Delta R.T. 0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:	117	Resp:	1227734
Ion	Ratio	Lower	Upper
117	100		
119	370.5	77.3	115.9#
201	0.3	102.8	154.2#

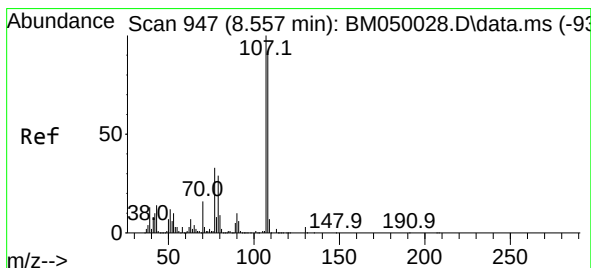
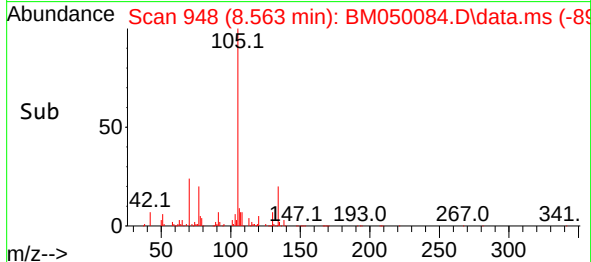
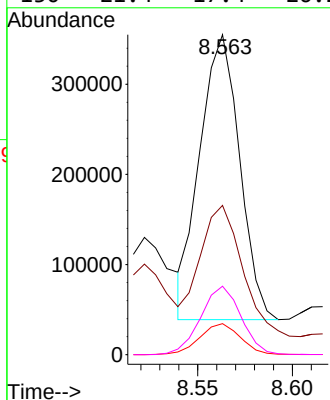
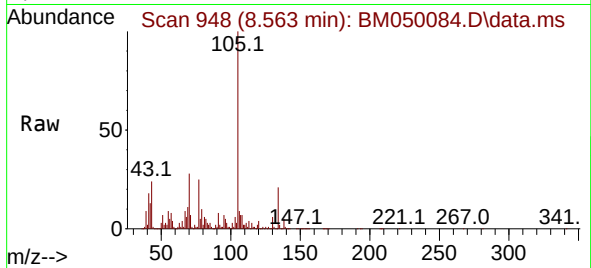




#19
n-Nitroso-di-n-propylamine
Concen: 31.470 ng
RT: 8.563 min Scan# 94
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

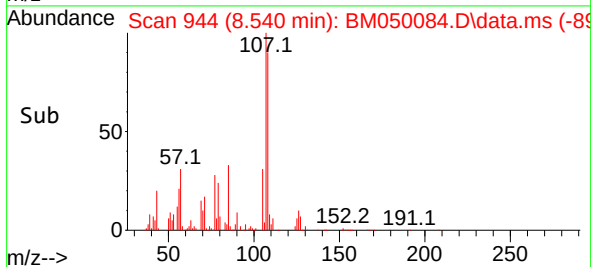
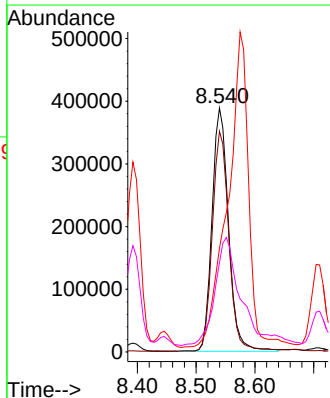
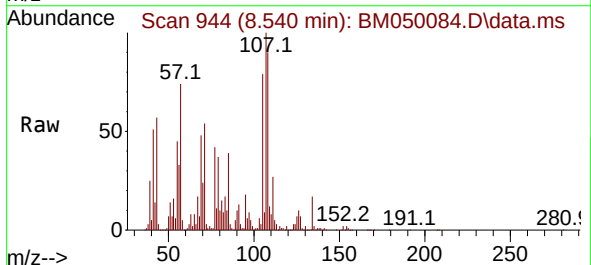
Instrument :
BNA_M
ClientSampleId :
SS-8MSD

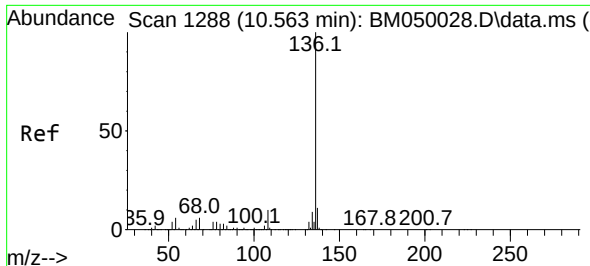
Tgt Ion: 70 Resp: 461477
Ion Ratio Lower Upper
70 100
42 46.7 40.5 60.7
101 9.7 7.8 11.6
130 21.4 17.4 26.2



#20
3+4-Methylphenols
Concen: 36.837 ng
RT: 8.540 min Scan# 944
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion: 107 Resp: 758552
Ion Ratio Lower Upper
107 100
108 90.5 72.4 112.4
77 42.5 13.6 53.6
79 36.6 9.2 49.2

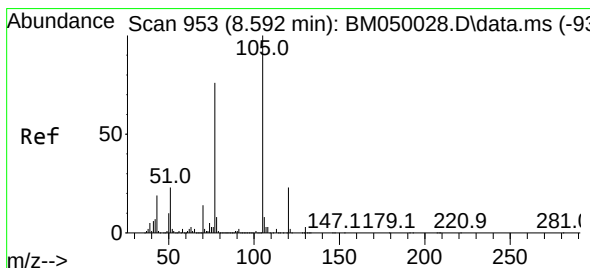
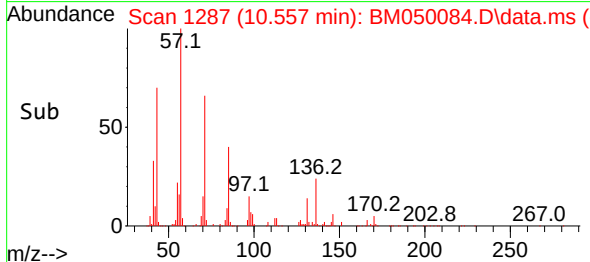
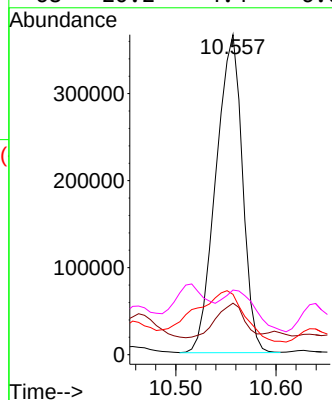
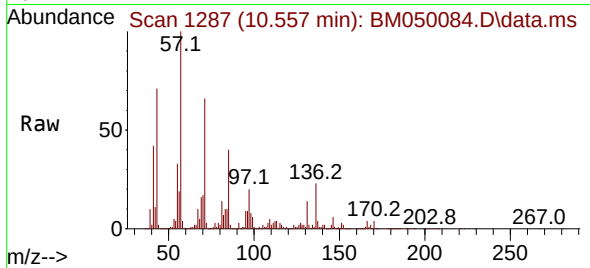




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

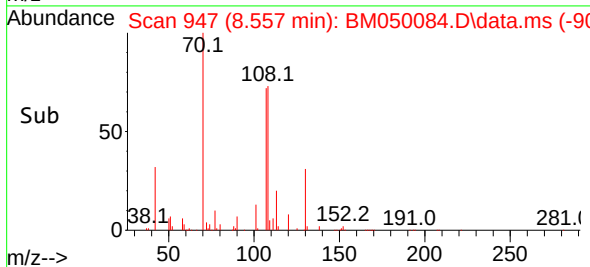
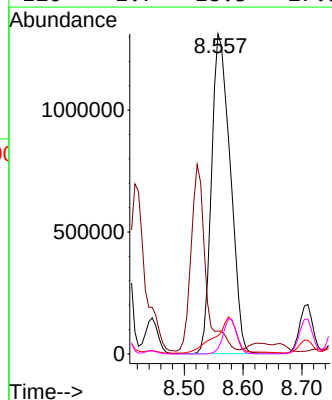
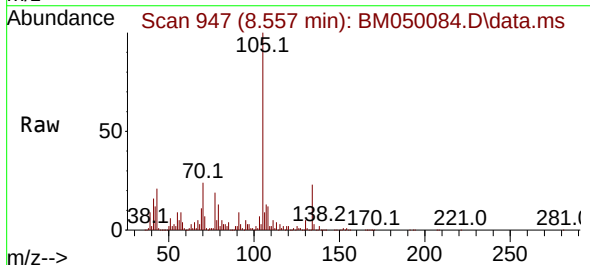
Instrument :
BNA_M
ClientSampleId :
SS-8MSD

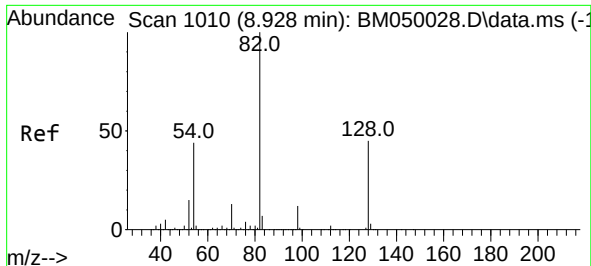
Tgt Ion:136 Resp: 669041
Ion Ratio Lower Upper
136 100
137 16.1 8.9 13.3#
54 18.9 5.1 7.7#
68 20.2 4.4 6.6#



#22
Acetophenone
Concen: 174.475 ng
RT: 8.557 min Scan# 947
Delta R.T. -0.035 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:105 Resp: 2902132
Ion Ratio Lower Upper
105 100
71 7.1 1.7 2.5#
51 5.7 18.6 27.8#
120 1.7 18.3 27.5#





#23

Nitrobenzene-d5

Concen: 94.802 ng

RT: 8.910 min Scan# 1010

Delta R.T. -0.018 min

Lab File: BM050084.D

Acq: 02 May 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SS-8MSD

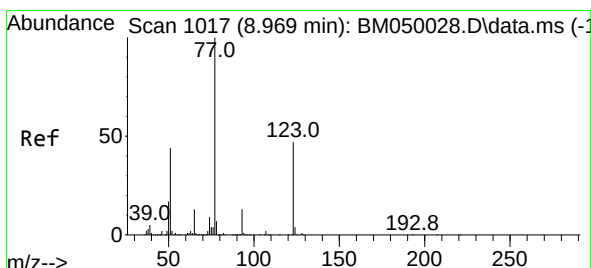
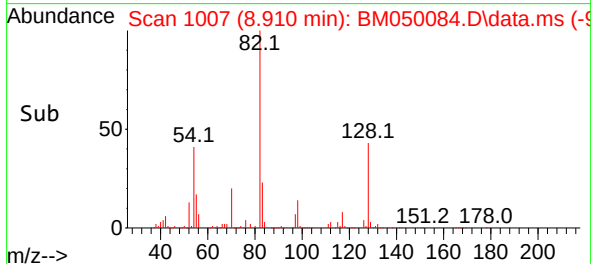
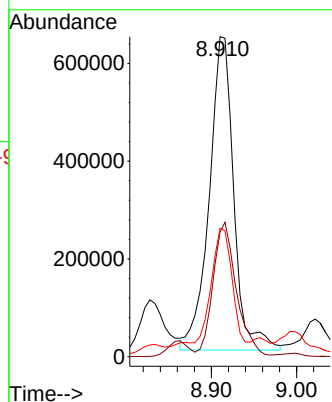
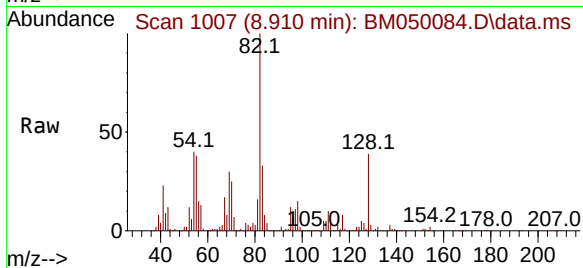
Tgt Ion: 82 Resp: 1287153

Ion Ratio Lower Upper

82 100

128 39.0 35.7 53.5

54 40.2 35.4 53.2



#24

Nitrobenzene

Concen: 69.696 ng

RT: 8.957 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BM050084.D

Acq: 02 May 2025 14:00

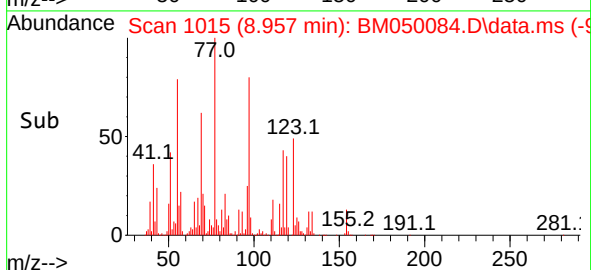
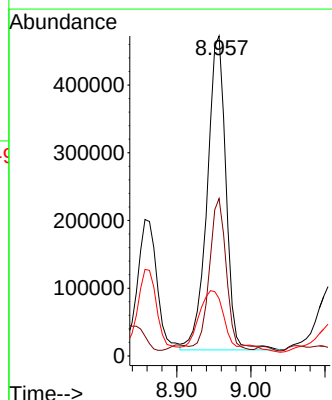
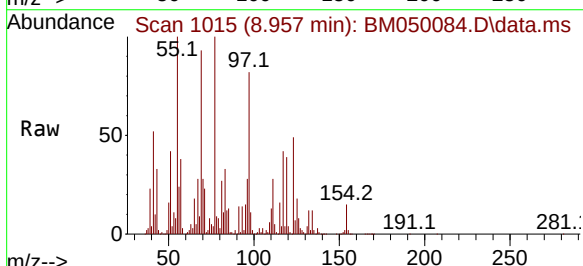
Tgt Ion: 77 Resp: 818217

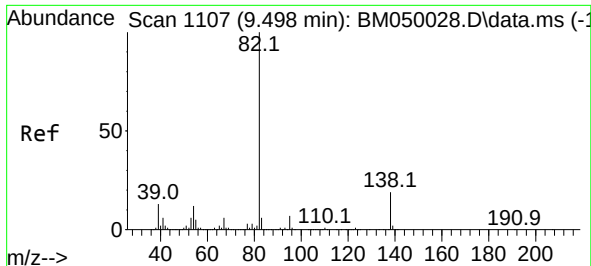
Ion Ratio Lower Upper

77 100

123 49.2 37.9 56.9

65 18.0 10.1 15.1#

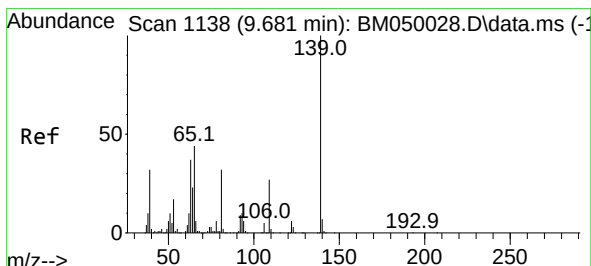
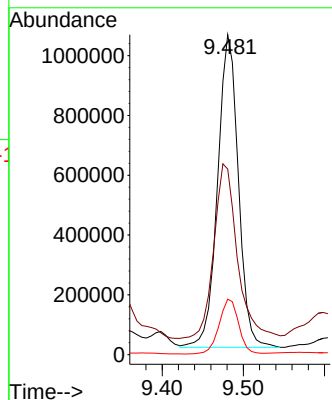
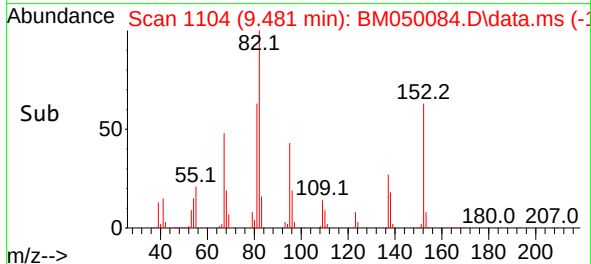
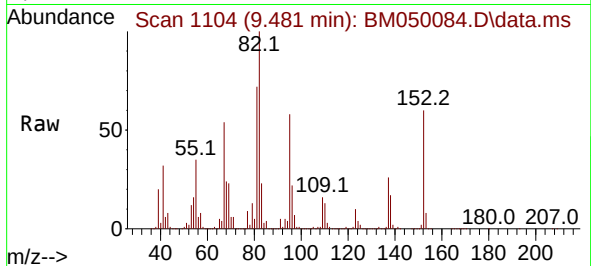




#25
Isophorone
Concen: 80.326 ng
RT: 9.481 min Scan# 1104
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

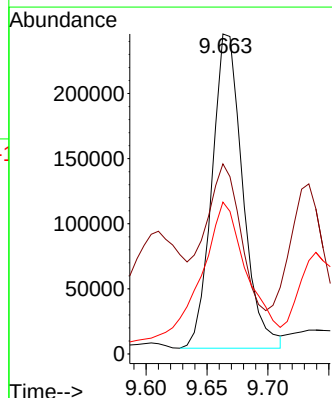
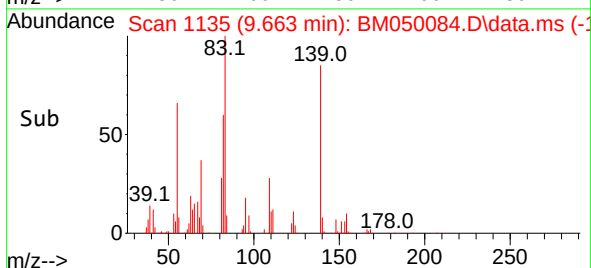
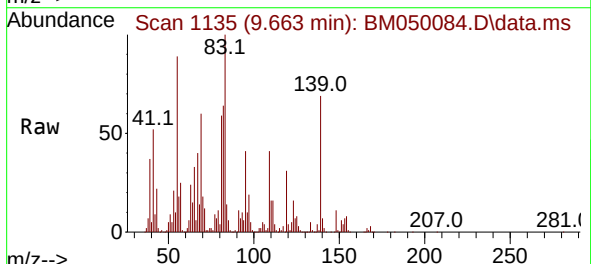
Instrument :
BNA_M
ClientSampleId :
SS-8MSD

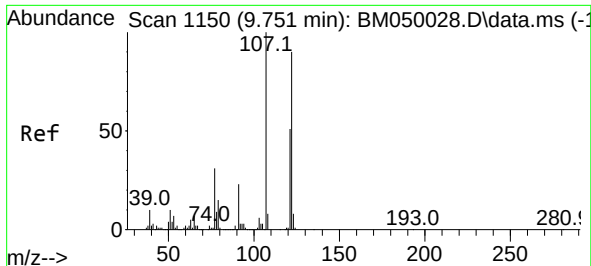
Tgt Ion: 82 Resp: 1859060
Ion Ratio Lower Upper
82 100
95 58.0 5.7 8.5#
138 17.3 15.5 23.3



#26
2-Nitrophenol
Concen: 70.764 ng
RT: 9.663 min Scan# 1135
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:139 Resp: 424409
Ion Ratio Lower Upper
139 100
109 59.4 21.9 32.9#
65 47.4 35.4 53.2

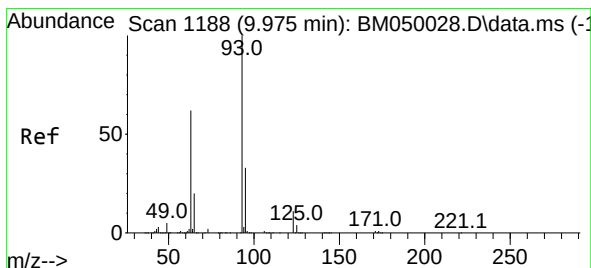
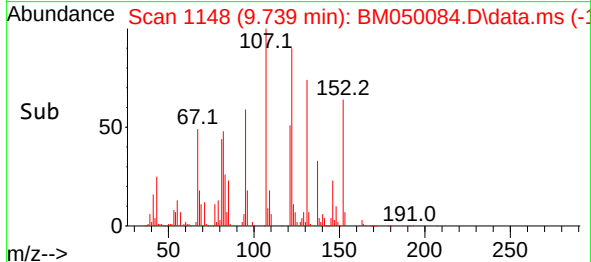
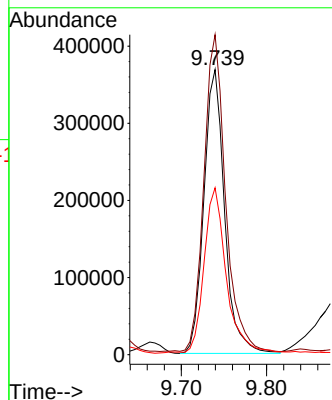
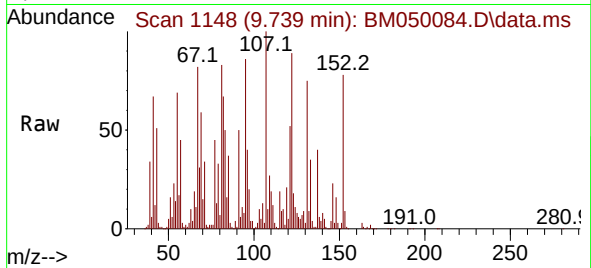




#27
2,4-Dimethylphenol
Concen: 62.512 ng
RT: 9.739 min Scan# 1148
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

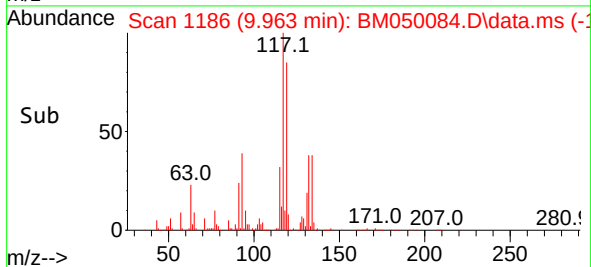
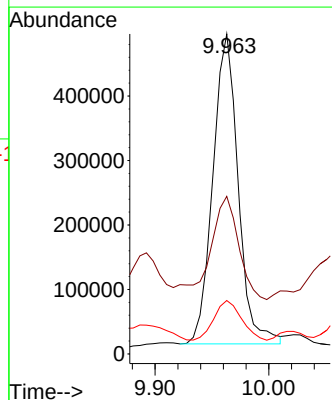
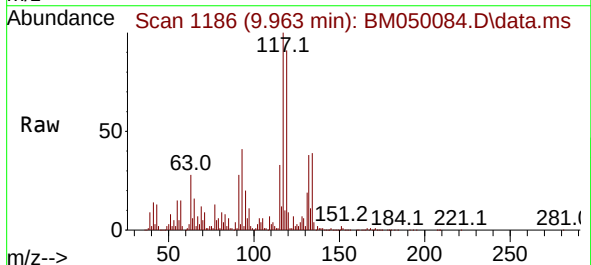
Instrument :
BNA_M
ClientSampleId :
SS-8MSD

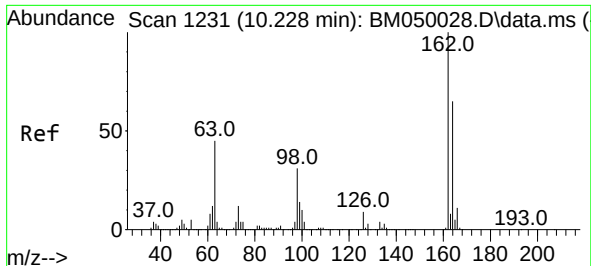
Tgt Ion:122 Resp: 621753
Ion Ratio Lower Upper
122 100
107 112.2 89.0 133.6
121 58.5 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 51.972 ng
RT: 9.963 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion: 93 Resp: 743439
Ion Ratio Lower Upper
93 100
95 49.2 26.1 39.1#
123 16.7 9.5 14.3#





#29

2,4-Dichlorophenol

Concen: 68.776 ng

RT: 10.216 min Scan# 1229

Delta R.T. -0.012 min

Lab File: BM050084.D

Acq: 02 May 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SS-8MSD

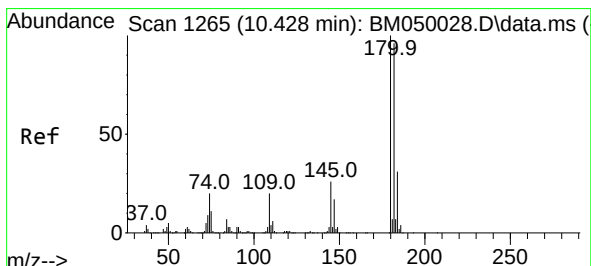
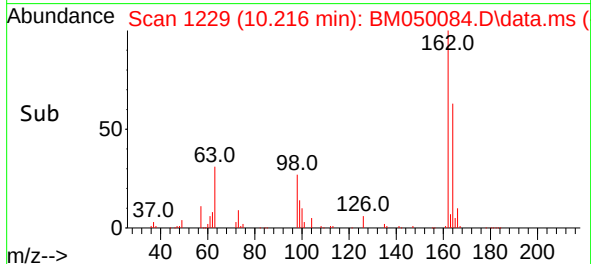
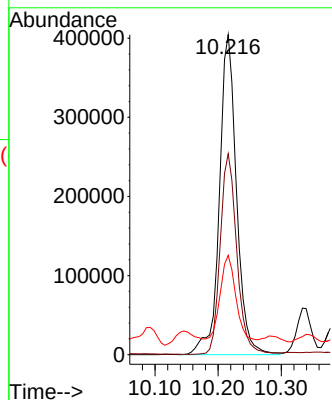
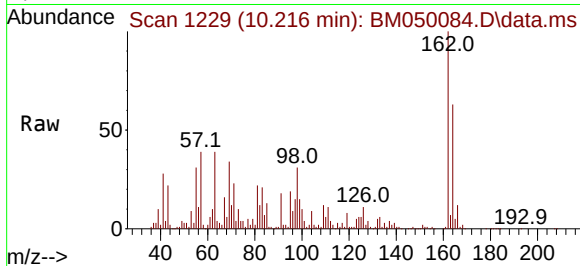
Tgt Ion:162 Resp: 766341

Ion Ratio Lower Upper

162 100

164 62.8 45.4 85.4

98 31.0 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 64.360 ng

RT: 10.416 min Scan# 1263

Delta R.T. -0.012 min

Lab File: BM050084.D

Acq: 02 May 2025 14:00

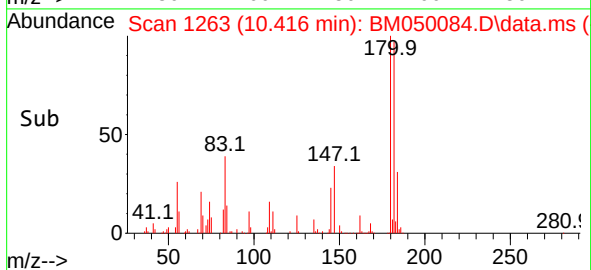
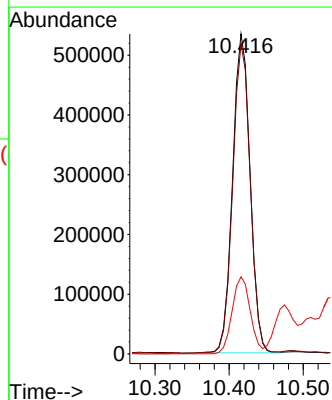
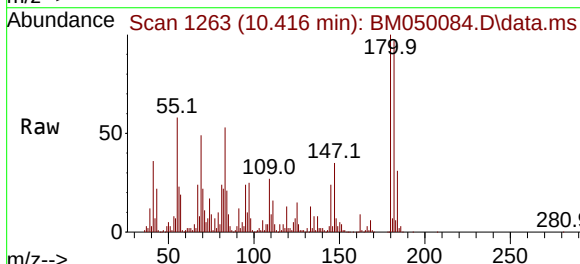
Tgt Ion:180 Resp: 873722

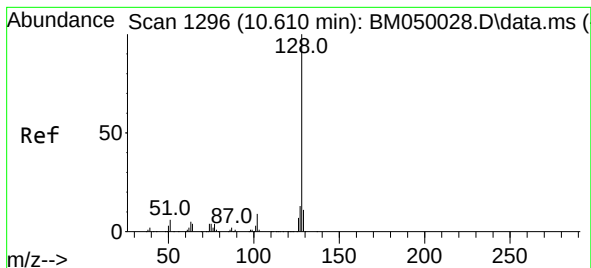
Ion Ratio Lower Upper

180 100

182 96.8 77.0 115.4

145 24.1 20.6 30.8

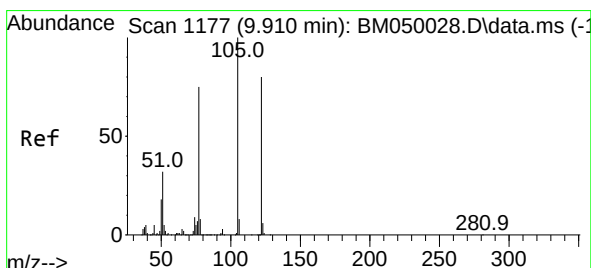
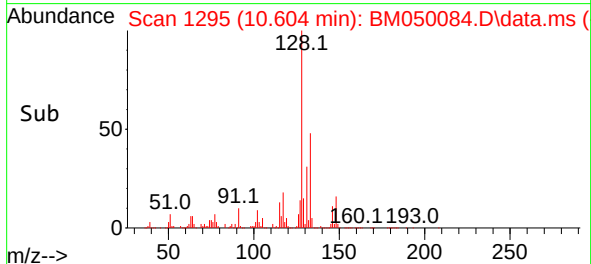
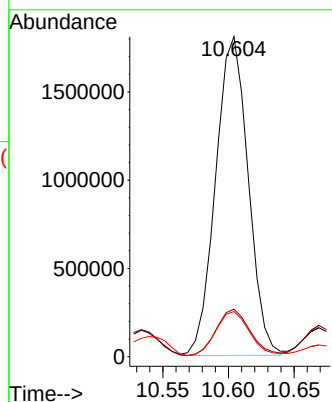
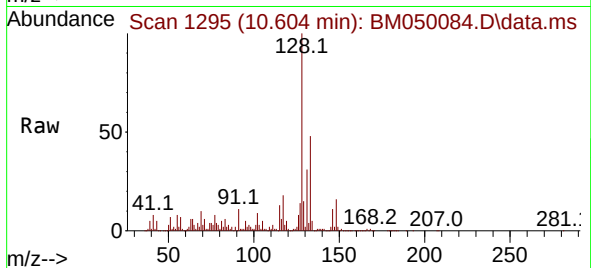




#31
Naphthalene
Concen: 92.123 ng
RT: 10.604 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

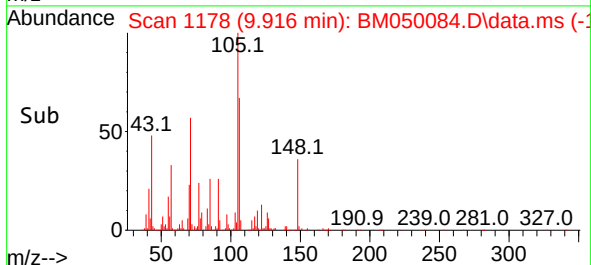
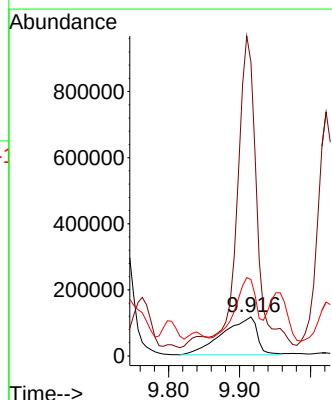
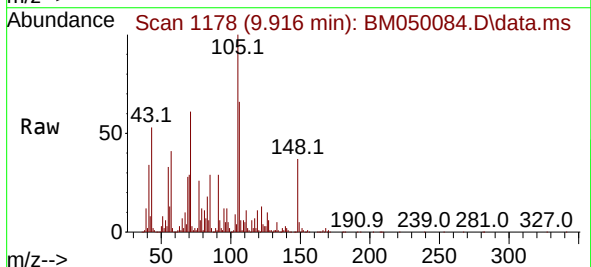
Instrument :
BNA_M
ClientSampleId :
SS-8MSD

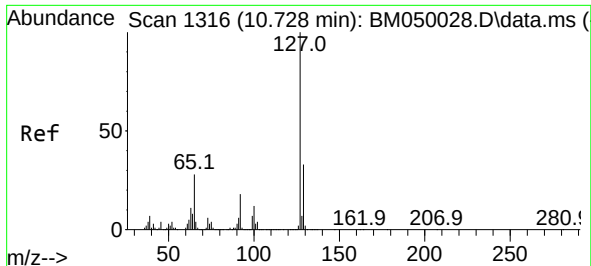
Tgt Ion:128 Resp: 3121337
Ion Ratio Lower Upper
128 100
129 14.9 8.8 13.2#
127 14.1 10.4 15.6



#32
Benzoic acid
Concen: 61.023 ng
RT: 9.916 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:122 Resp: 388178
Ion Ratio Lower Upper
122 100
105 751.2 103.6 143.6#
77 195.3 73.7 113.7#

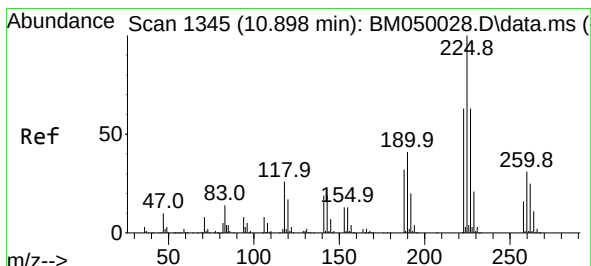
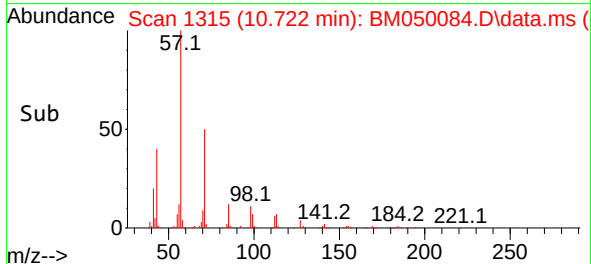
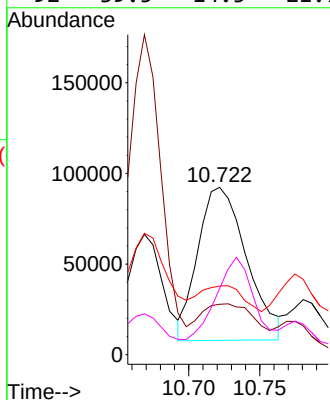
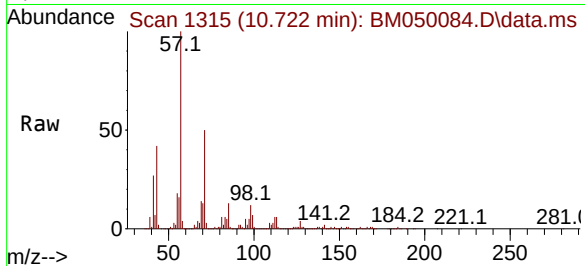




#33
4-Chloroaniline
Concen: 14.490 ng
RT: 10.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

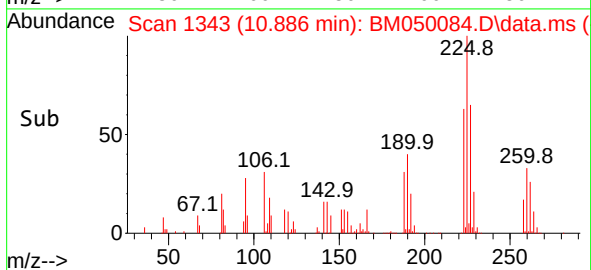
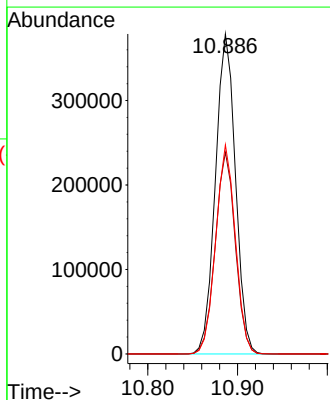
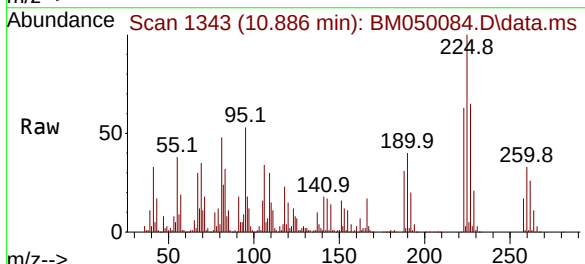
Instrument :
BNA_M
ClientSampleId :
SS-8MSD

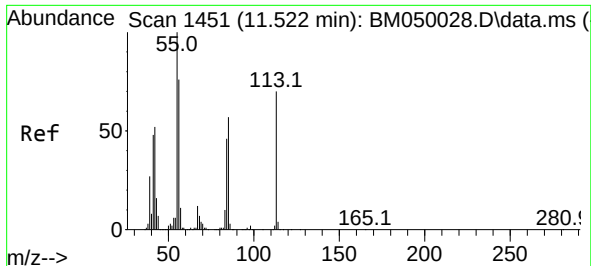
Tgt Ion:	127	Resp:	201228
Ion	Ratio	Lower	Upper
127	100		
129	30.2	26.3	39.5
65	41.0	22.5	33.7#
92	39.5	14.5	21.7#



#34
Hexachlorobutadiene
Concen: 68.225 ng
RT: 10.886 min Scan# 1343
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:	225	Resp:	587920
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.2	75.2
227	65.3	50.6	76.0

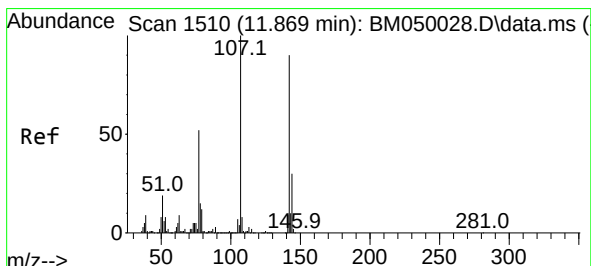
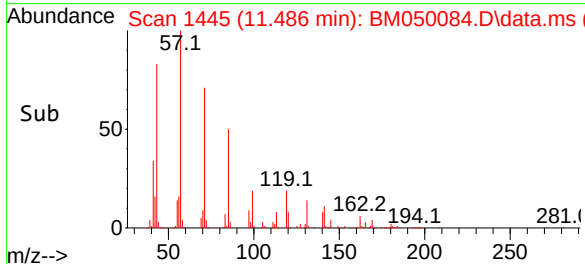
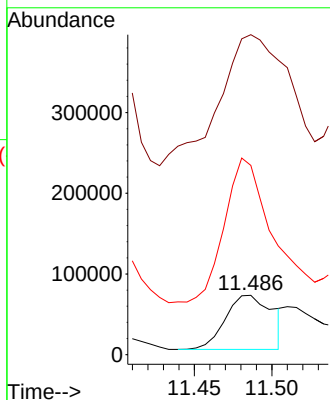
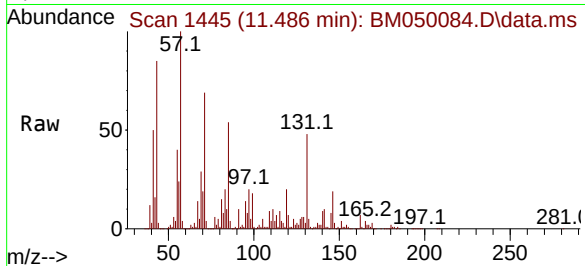




#35
Caprolactam
Concen: 43.595 ng
RT: 11.486 min Scan# 1451
Delta R.T. -0.035 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

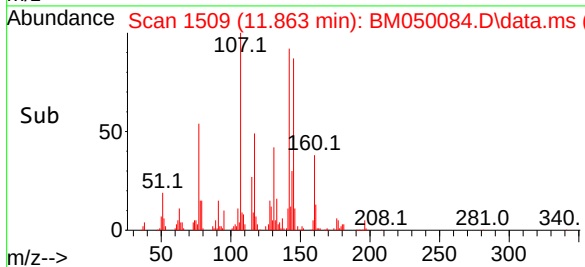
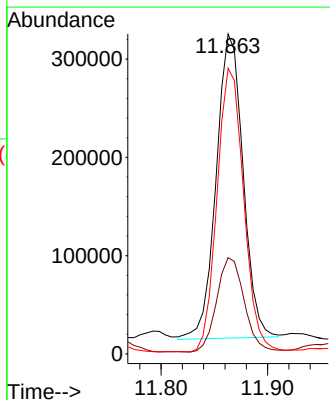
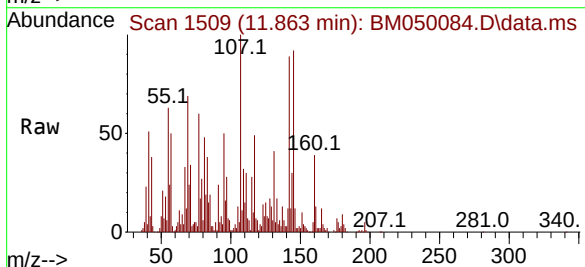
Instrument :
BNA_M
ClientSampleId :
SS-8MSD

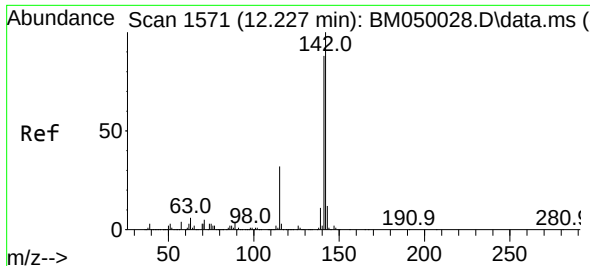
Tgt Ion:113 Resp: 141636
Ion Ratio Lower Upper
113 100
55 538.3 122.9 162.9#
56 318.3 88.1 128.1#



#36
4-Chloro-3-methylphenol
Concen: 52.615 ng
RT: 11.863 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:107 Resp: 541640
Ion Ratio Lower Upper
107 100
144 30.1 23.8 35.6
142 89.3 71.9 107.9

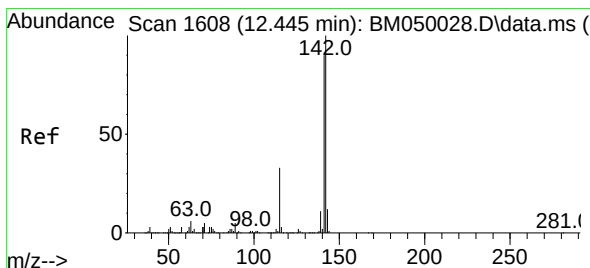
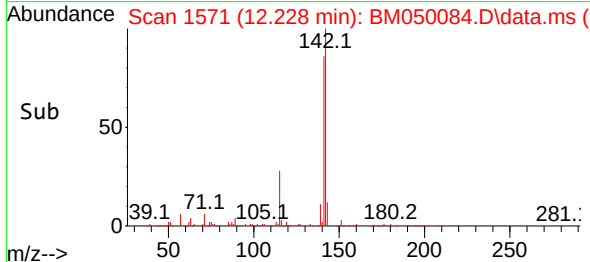
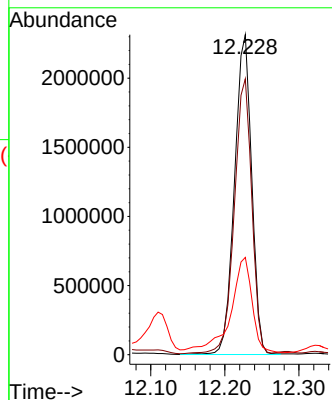
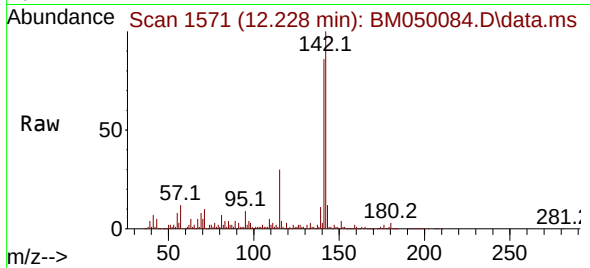




#37
2-Methylnaphthalene
Concen: 163.618 ng
RT: 12.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

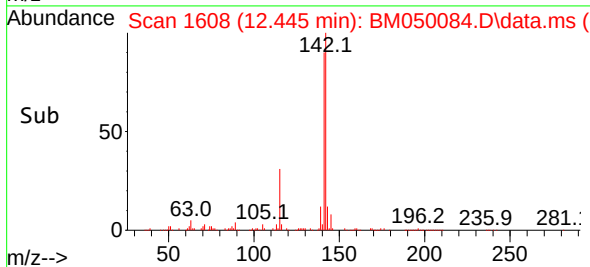
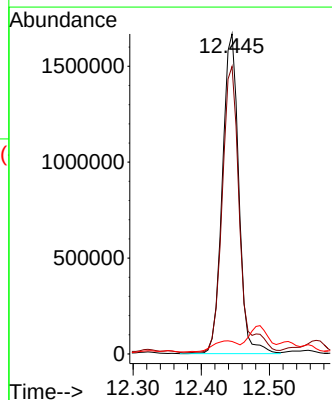
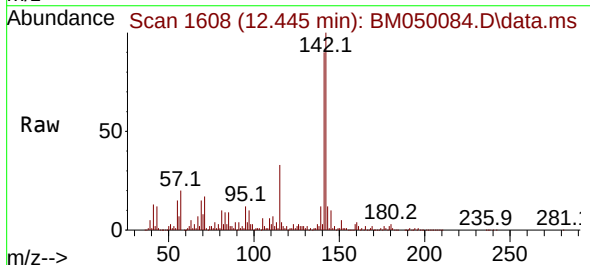
Instrument :
BNA_M
ClientSampleId :
SS-8MSD

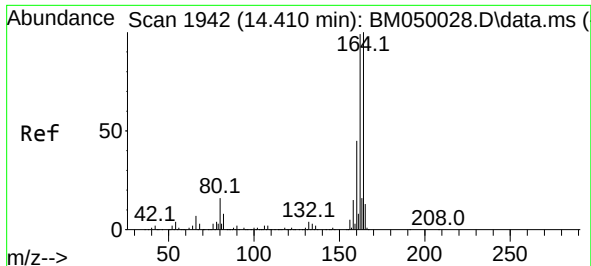
Tgt Ion:142 Resp: 3716761
Ion Ratio Lower Upper
142 100
141 86.2 70.4 105.6
115 30.4 25.4 38.2



#38
1-Methylnaphthalene
Concen: 116.274 ng
RT: 12.445 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:142 Resp: 2795228
Ion Ratio Lower Upper
142 100
141 89.9 72.1 108.1
116 3.9 2.7 4.1

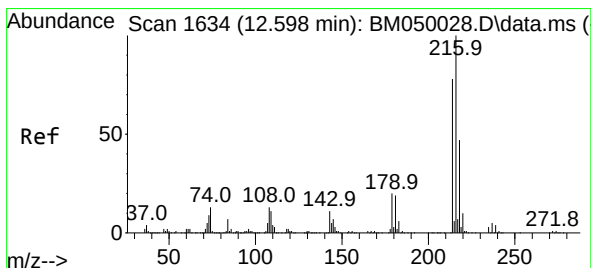
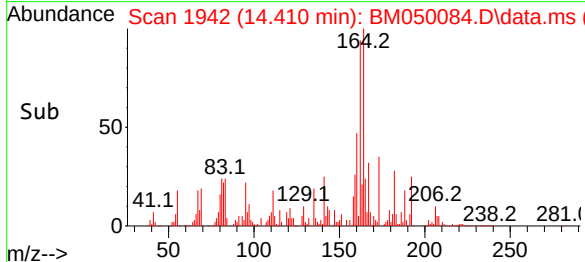
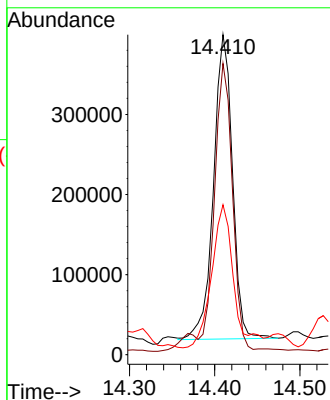
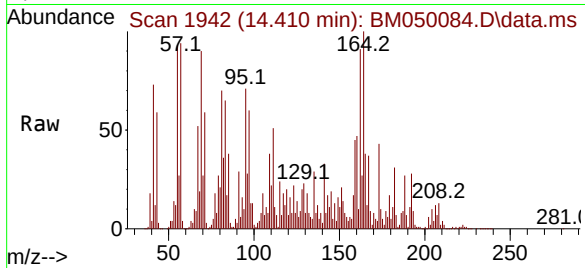




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

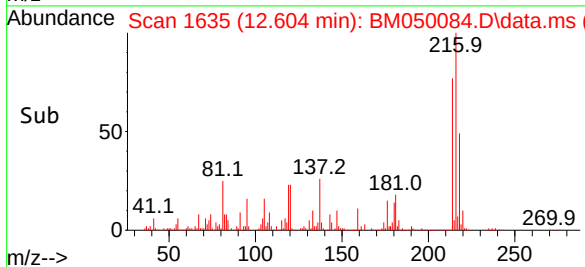
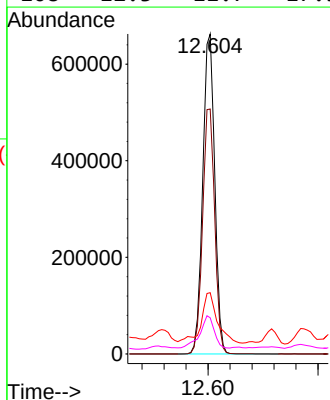
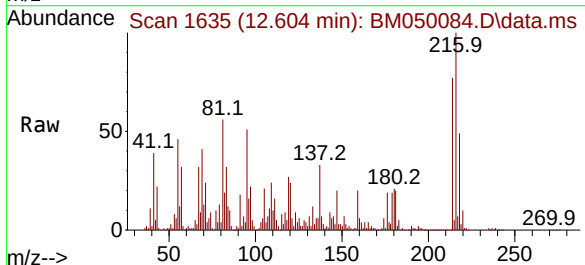
Instrument :
BNA_M
ClientSampleId :
SS-8MSD

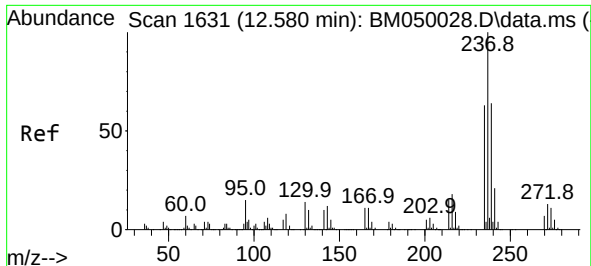
Tgt Ion:164 Resp: 587094
Ion Ratio Lower Upper
164 100
162 91.0 79.4 119.0
160 46.8 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.193 ng
RT: 12.604 min Scan# 1635
Delta R.T. 0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:216 Resp: 999784
Ion Ratio Lower Upper
216 100
214 77.6 62.3 93.5
179 21.7 15.4 23.0
108 12.3 11.7 17.5

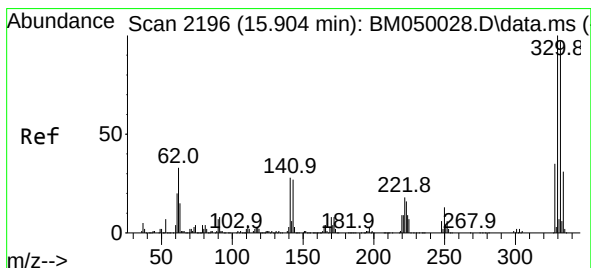
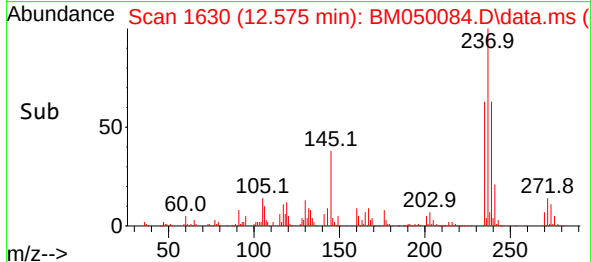
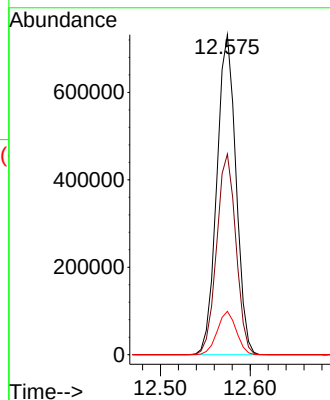
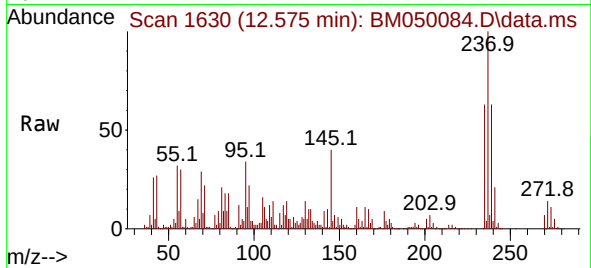




#41
Hexachlorocyclopentadiene
Concen: 87.284 ng
RT: 12.575 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

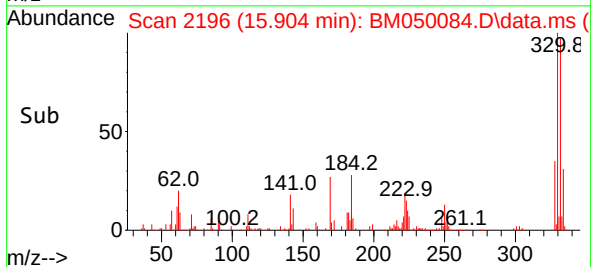
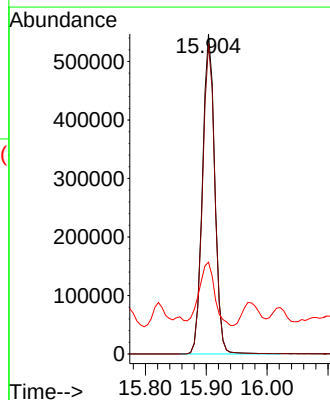
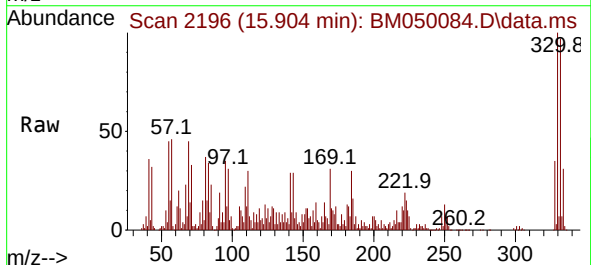
Instrument :
BNA_M
ClientSampleId :
SS-8MSD

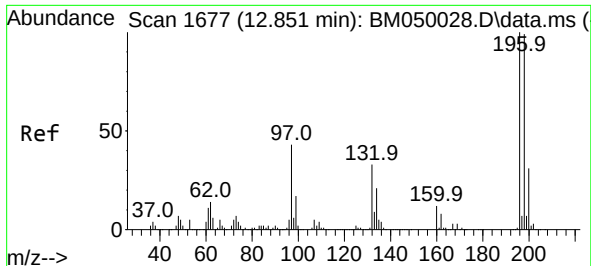
Tgt Ion:237 Resp: 1084083
Ion Ratio Lower Upper
237 100
235 62.7 42.9 82.9
272 13.6 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 88.568 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:330 Resp: 768854
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 24.8 22.5 33.7





#43

2,4,6-Trichlorophenol

Concen: 46.423 ng

RT: 12.845 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050084.D

Acq: 02 May 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SS-8MSD

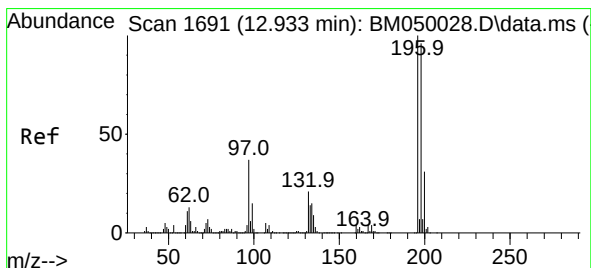
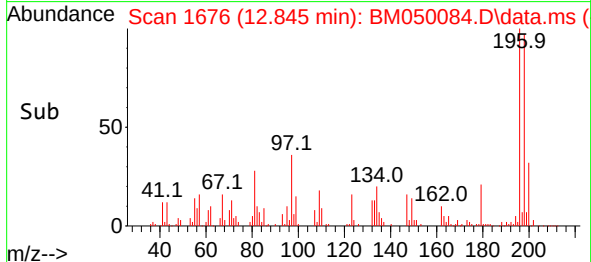
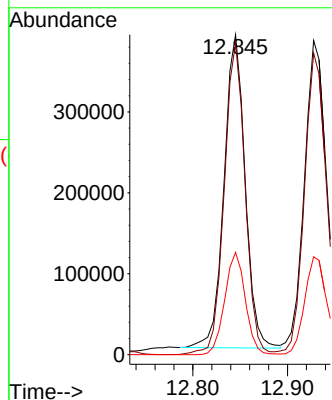
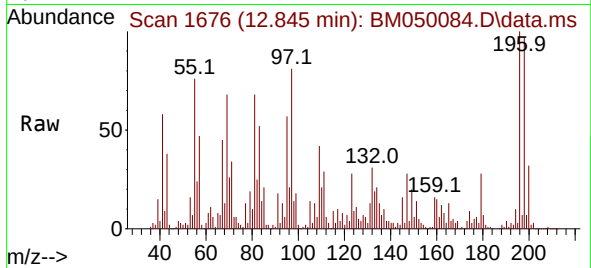
Tgt Ion:196 Resp: 598415

Ion Ratio Lower Upper

196 100

198 97.3 79.0 118.6

200 31.9 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 46.014 ng

RT: 12.927 min Scan# 1690

Delta R.T. -0.006 min

Lab File: BM050084.D

Acq: 02 May 2025 14:00

Tgt Ion:196 Resp: 639623

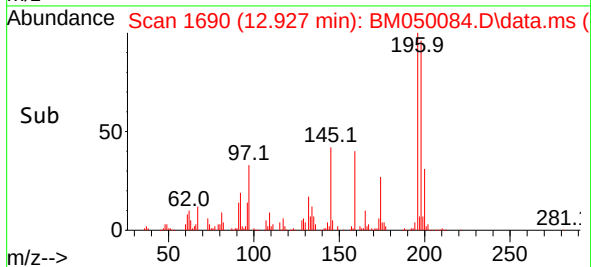
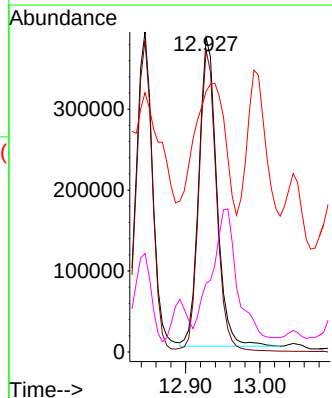
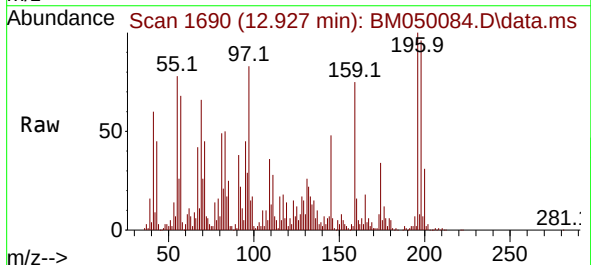
Ion Ratio Lower Upper

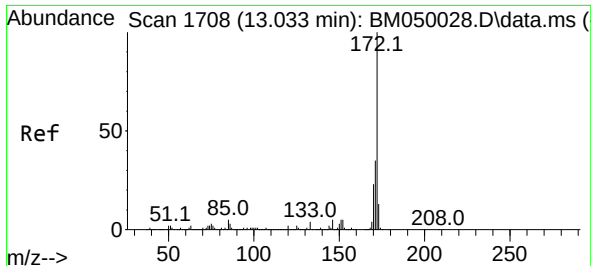
196 100

198 96.0 76.7 115.1

97 82.9 30.1 45.1#

132 21.8 16.6 25.0

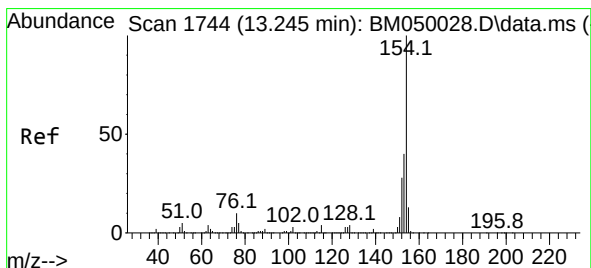
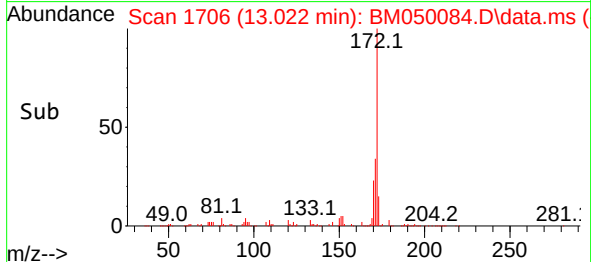
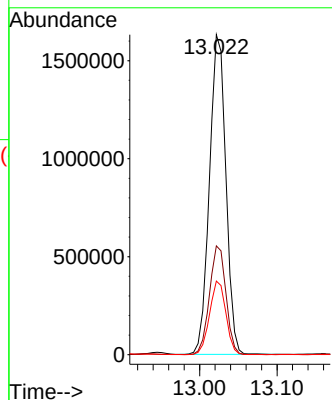
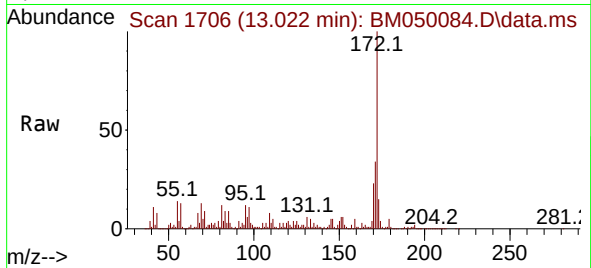




#45
2-Fluorobiphenyl
Concen: 48.497 ng
RT: 13.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

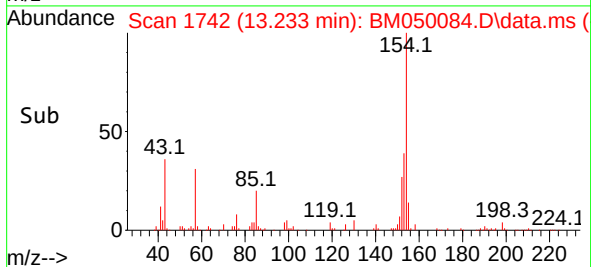
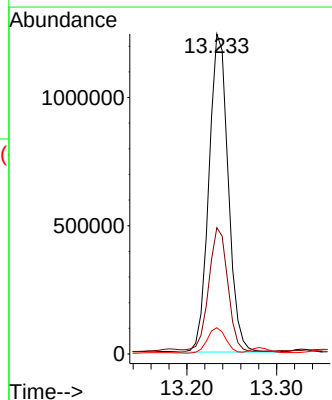
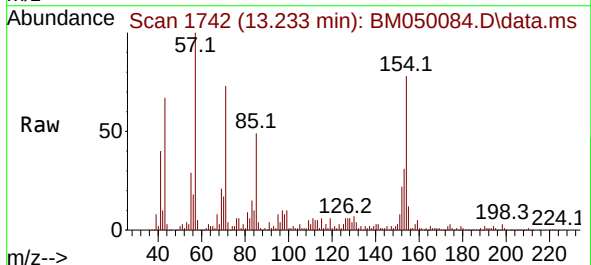
Instrument :
BNA_M
ClientSampleId :
SS-8MSD

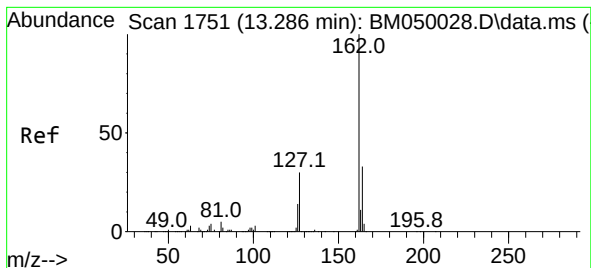
Tgt Ion:172 Resp: 2406843
Ion Ratio Lower Upper
172 100
171 34.0 27.8 41.6
170 23.0 18.6 28.0



#46
1,1'-Biphenyl
Concen: 42.396 ng
RT: 13.233 min Scan# 1742
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:154 Resp: 1850245
Ion Ratio Lower Upper
154 100
153 39.4 20.0 60.0
76 8.2 0.0 30.3

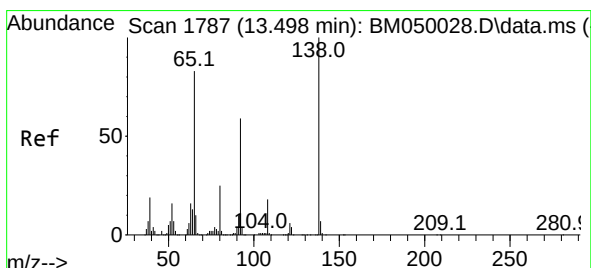
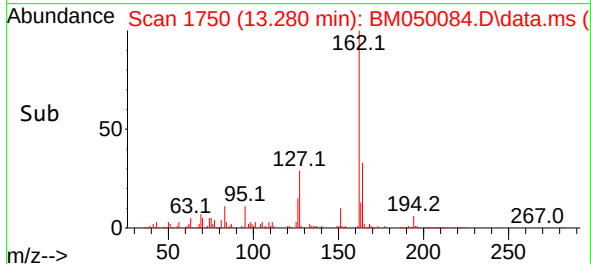
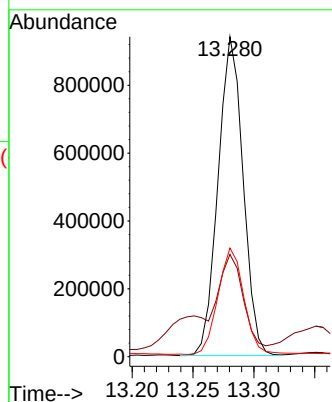
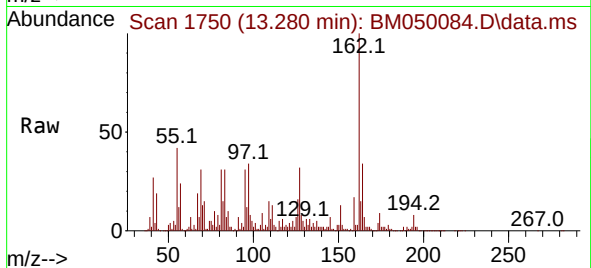




#47
2-Chloronaphthalene
Concen: 38.949 ng
RT: 13.280 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

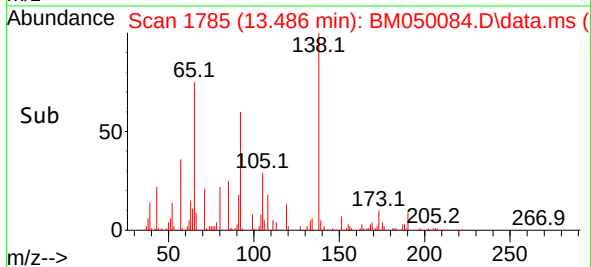
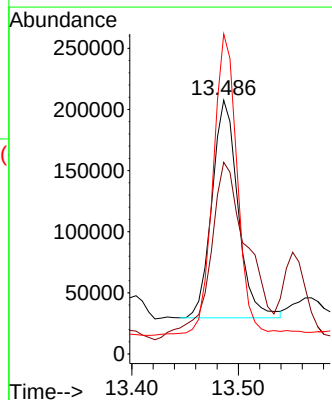
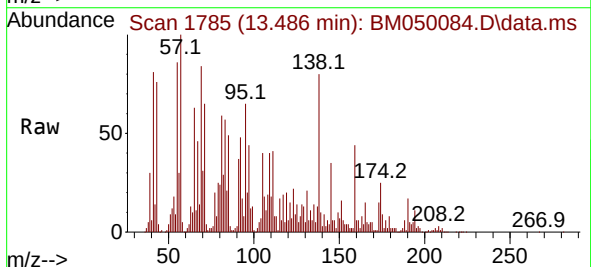
Instrument :
BNA_M
ClientSampleId :
SS-8MSD

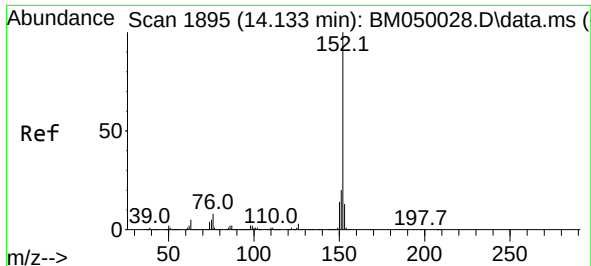
Tgt Ion:162 Resp: 1346233
Ion Ratio Lower Upper
162 100
127 32.0 25.9 38.9
164 33.9 26.6 40.0



#48
2-Nitroaniline
Concen: 37.254 ng
RT: 13.486 min Scan# 1785
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion: 65 Resp: 302213
Ion Ratio Lower Upper
65 100
92 75.5 57.1 85.7
138 126.1 97.0 145.4

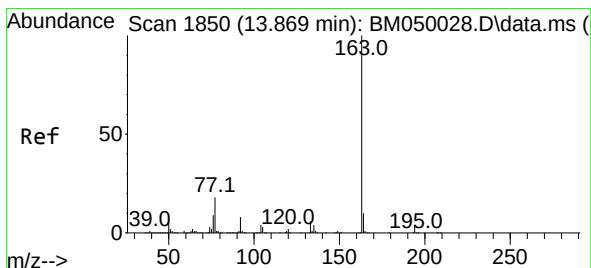
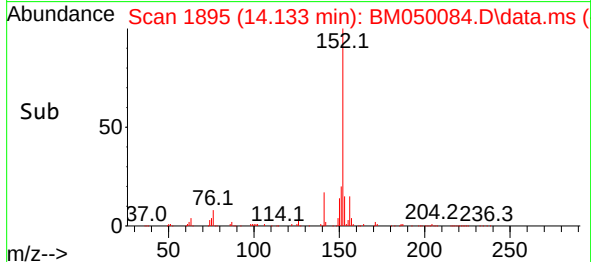
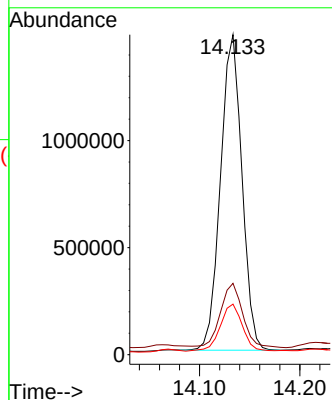
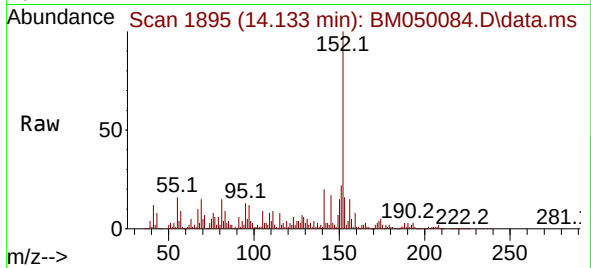




#49
Acenaphthylene
Concen: 40.096 ng
RT: 14.133 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

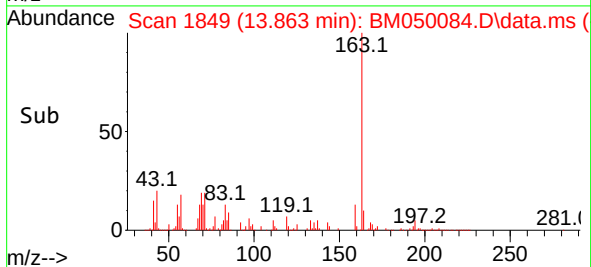
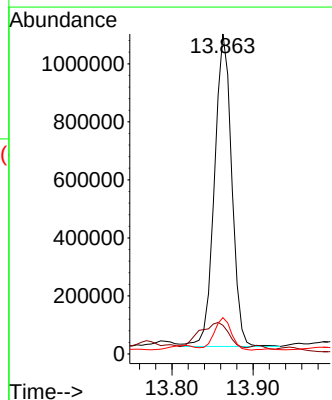
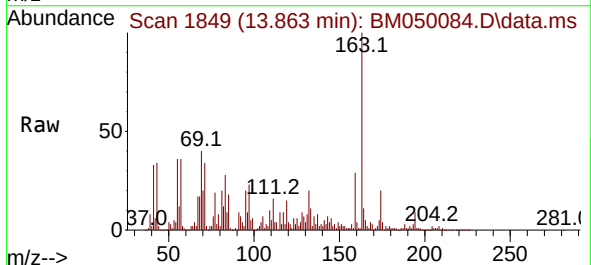
Instrument :
BNA_M
ClientSampleId :
SS-8MSD

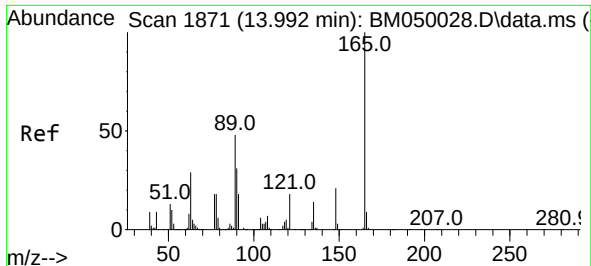
Tgt Ion:152 Resp: 2185096
Ion Ratio Lower Upper
152 100
151 22.3 15.8 23.8
153 15.8 10.6 15.8



#50
Dimethylphthalate
Concen: 37.075 ng
RT: 13.863 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:163 Resp: 1590725
Ion Ratio Lower Upper
163 100
194 9.0 3.4 5.2#
164 11.3 8.2 12.2

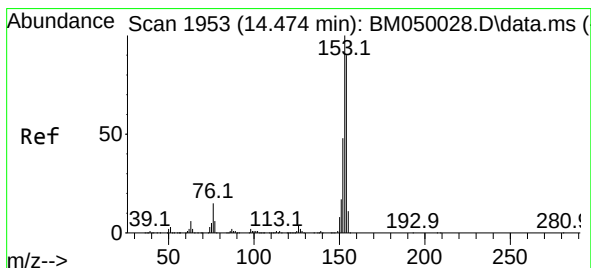
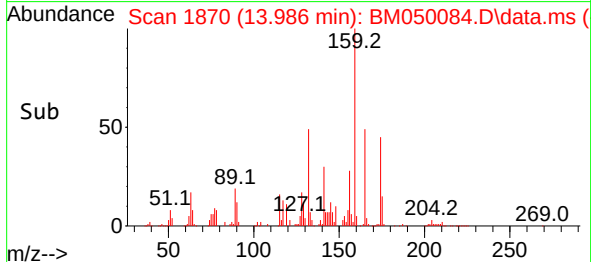
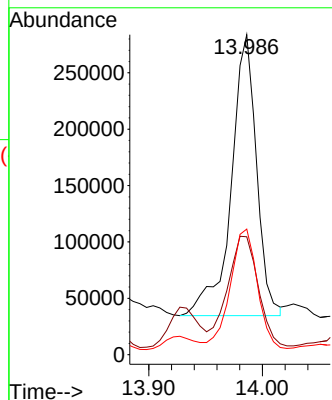
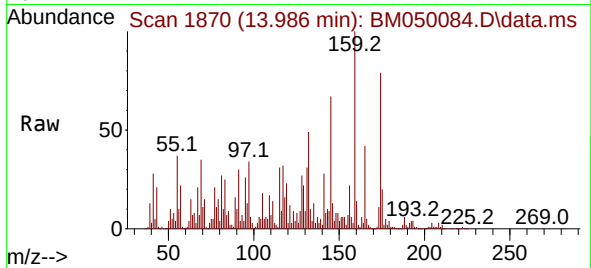




#51
2,6-Dinitrotoluene
Concen: 43.496 ng
RT: 13.986 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

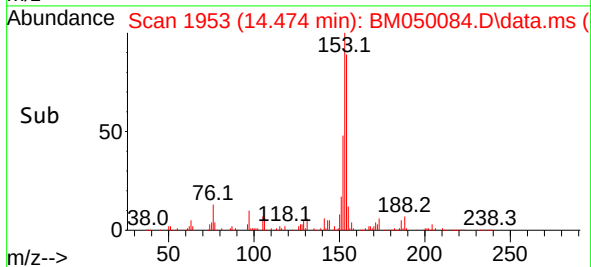
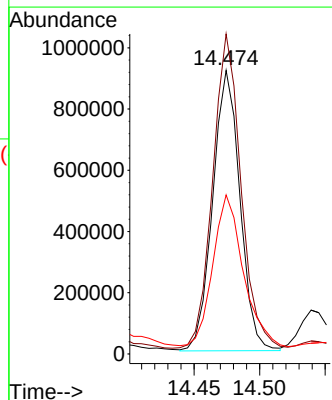
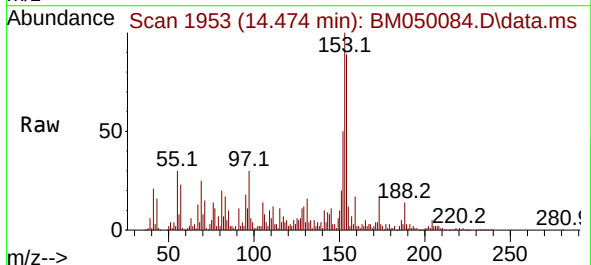
Instrument :
BNA_M
ClientSampleId :
SS-8MSD

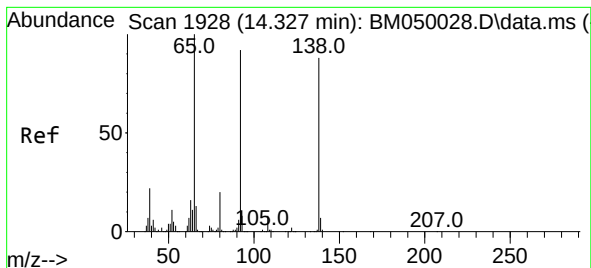
Tgt Ion:165 Resp: 386386
Ion Ratio Lower Upper
165 100
63 36.9 35.1 52.7
89 39.2 38.4 57.6



#52
Acenaphthene
Concen: 41.867 ng
RT: 14.474 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:154 Resp: 1320681
Ion Ratio Lower Upper
154 100
153 112.8 89.0 133.4
152 56.1 43.0 64.6

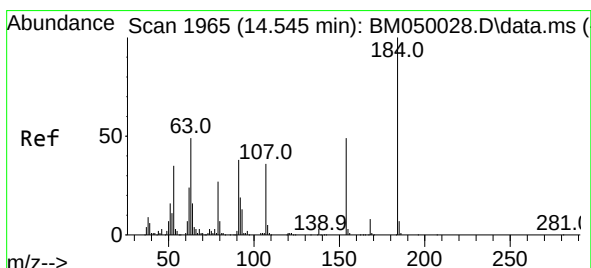
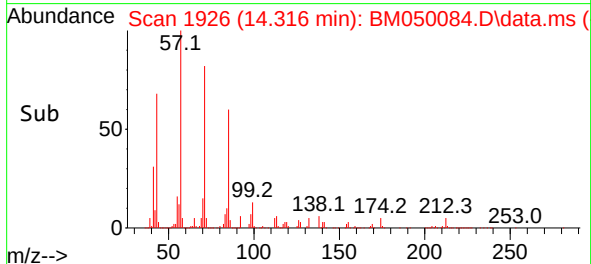
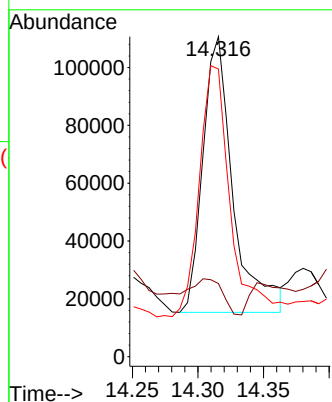
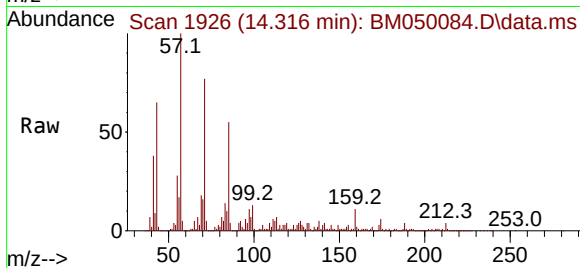




#53
3-Nitroaniline
Concen: 17.993 ng
RT: 14.316 min Scan# 1926
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

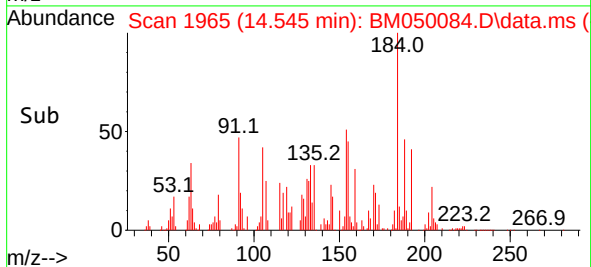
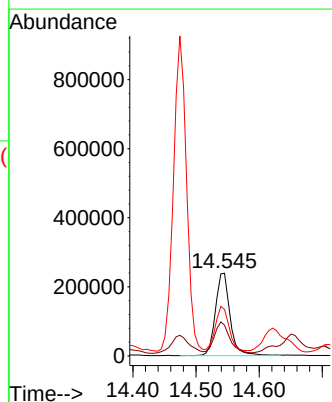
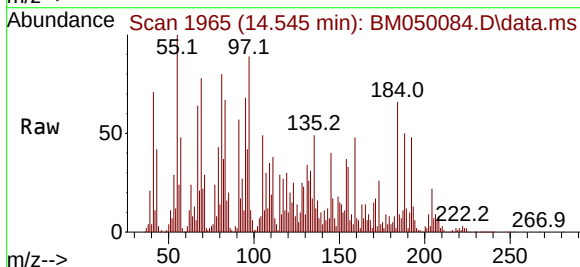
Instrument :
BNA_M
ClientSampleId :
SS-8MSD

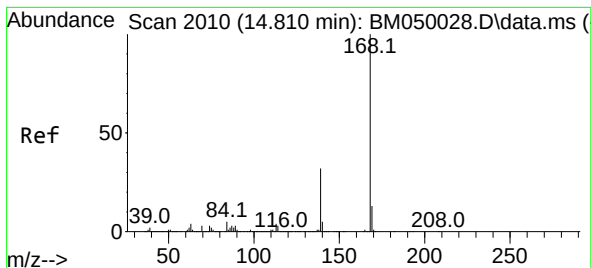
Tgt Ion:138 Resp: 152605
Ion Ratio Lower Upper
138 100
108 22.8 7.4 11.2#
92 89.9 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 68.665 ng
RT: 14.545 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:184 Resp: 385380
Ion Ratio Lower Upper
184 100
63 37.1 39.8 59.6#
154 56.4 46.1 69.1





#55

Dibenzofuran

Concen: 40.490 ng

RT: 14.810 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BM050084.D

Acq: 02 May 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SS-8MSD

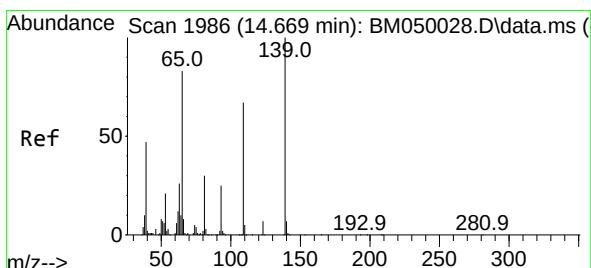
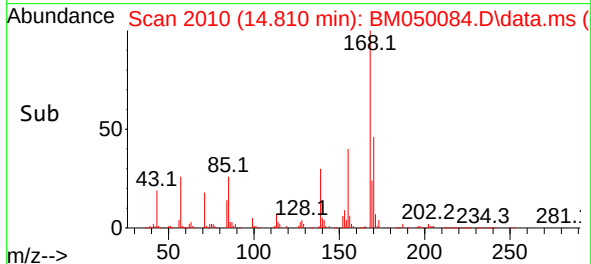
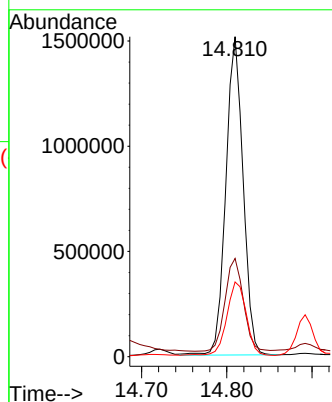
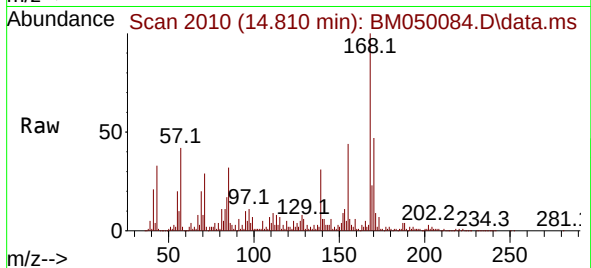
Tgt Ion:168 Resp: 2125064

Ion Ratio Lower Upper

168 100

139 30.7 26.1 39.1

169 23.4 10.8 16.2#



#56

4-Nitrophenol

Concen: 92.350 ng

RT: 14.651 min Scan# 1983

Delta R.T. -0.018 min

Lab File: BM050084.D

Acq: 02 May 2025 14:00

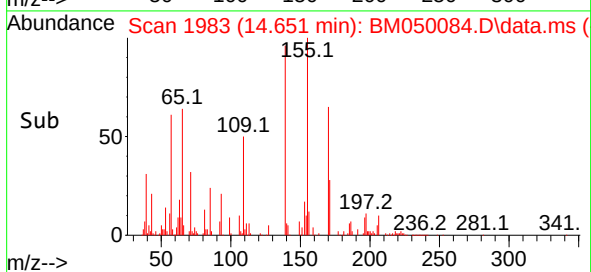
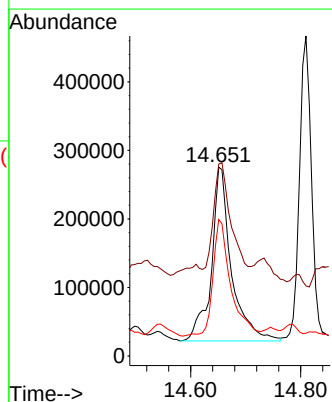
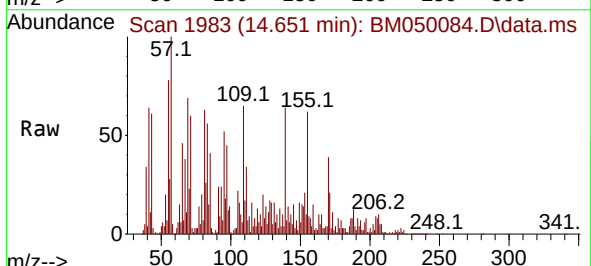
Tgt Ion:139 Resp: 642317

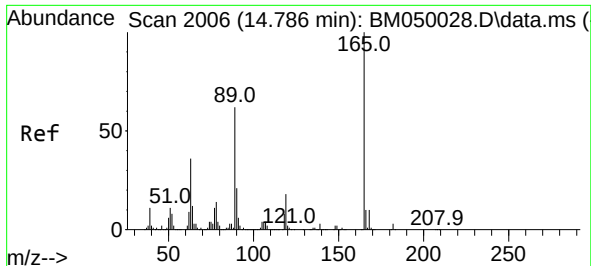
Ion Ratio Lower Upper

139 100

109 101.6 47.0 87.0#

65 72.4 64.3 104.3

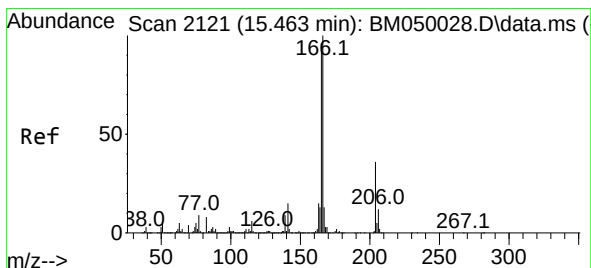
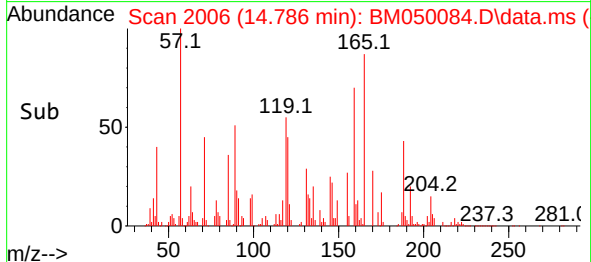
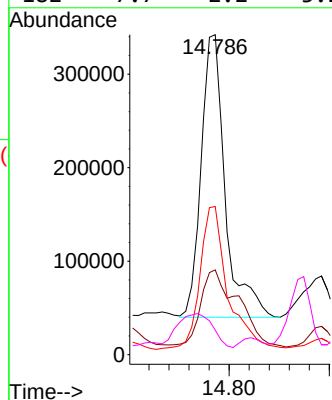
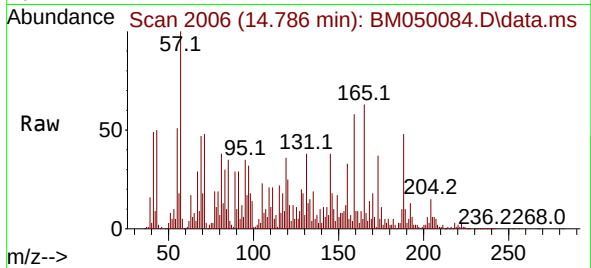




#57
2,4-Dinitrotoluene
Concen: 41.083 ng
RT: 14.786 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

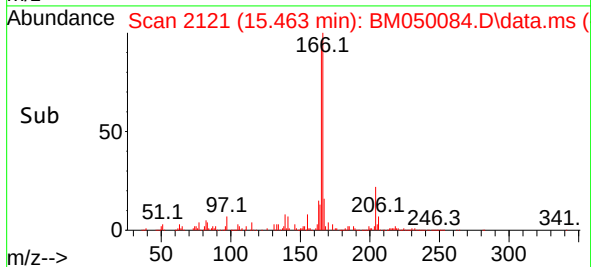
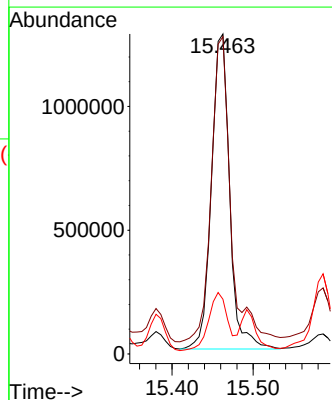
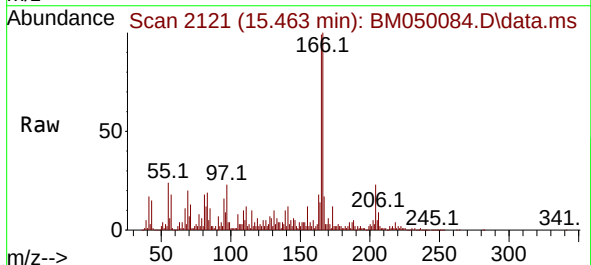
Instrument :
BNA_M
ClientSampleId :
SS-8MSD

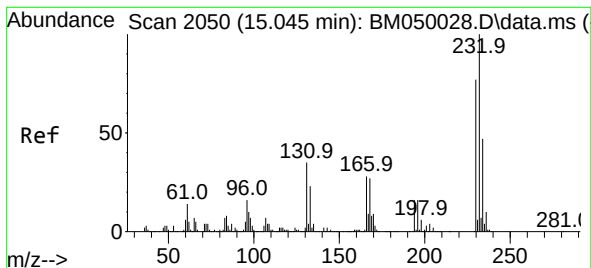
Tgt Ion:165 Resp: 504294
Ion Ratio Lower Upper
165 100
63 26.5 29.0 43.6#
89 46.3 49.4 74.2#
182 7.7 2.2 3.2#



#58
Fluorene
Concen: 46.062 ng
RT: 15.463 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:166 Resp: 1978779
Ion Ratio Lower Upper
166 100
165 99.2 76.6 115.0
167 17.1 10.6 16.0#

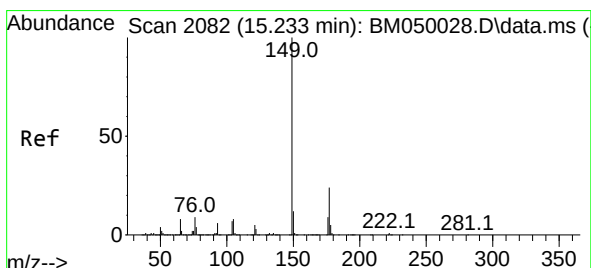
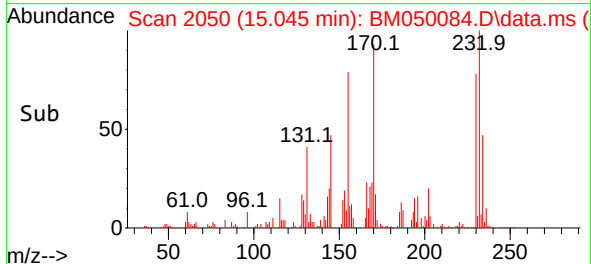
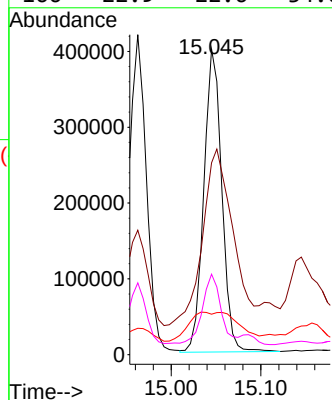
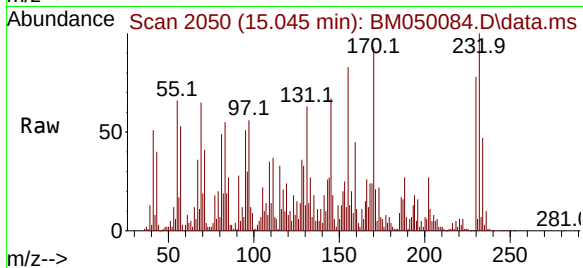




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.238 ng
RT: 15.045 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

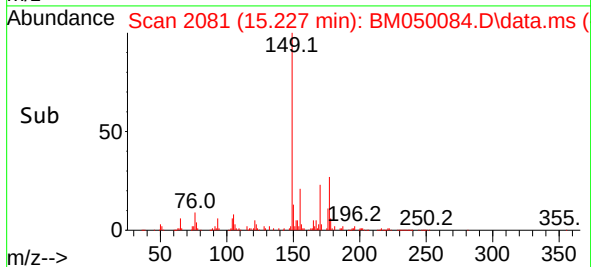
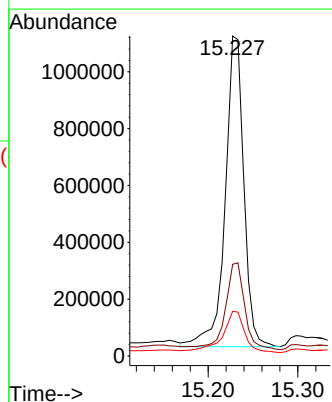
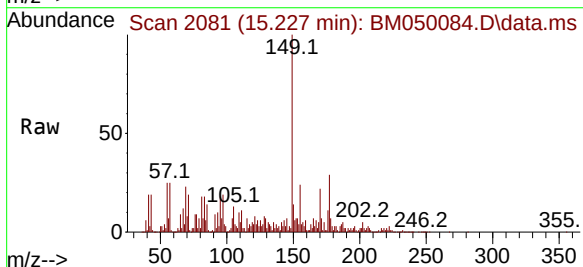
Instrument :
BNA_M
ClientSampleId :
SS-8MSD

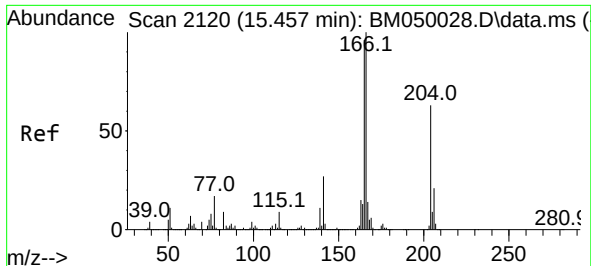
Tgt Ion:232 Resp: 556346
Ion Ratio Lower Upper
232 100
131 99.0 28.2 42.4#
130 12.6 1.5 2.3#
166 22.9 22.6 34.0



#60
Diethylphthalate
Concen: 39.043 ng
RT: 15.227 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:149 Resp: 1578439
Ion Ratio Lower Upper
149 100
177 28.6 19.1 28.7
150 14.0 9.6 14.4

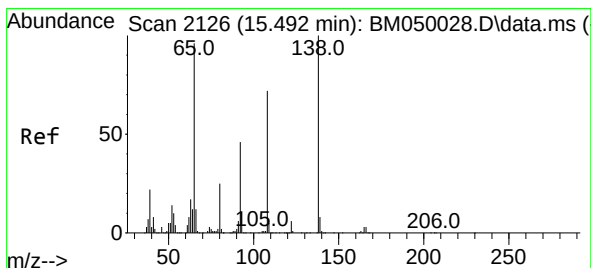
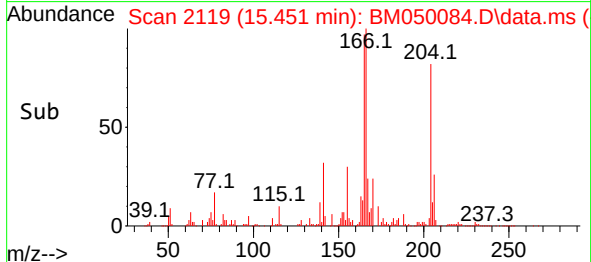
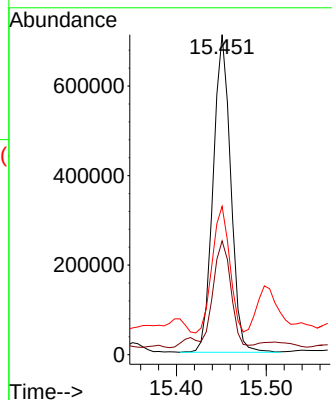
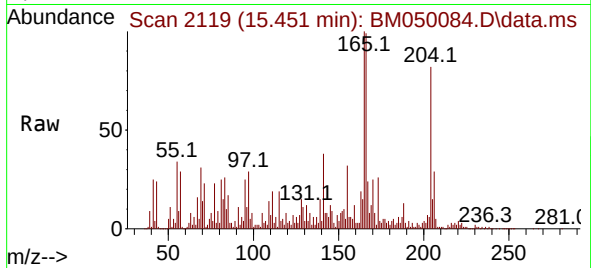




#61
4-Chlorophenyl-phenylether
Concen: 40.860 ng
RT: 15.451 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

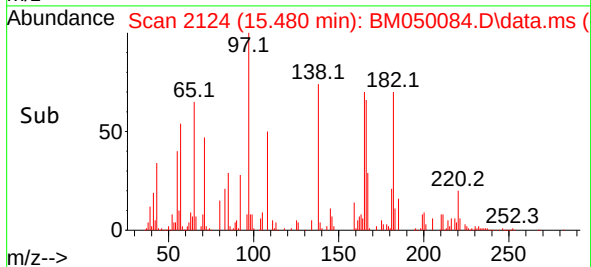
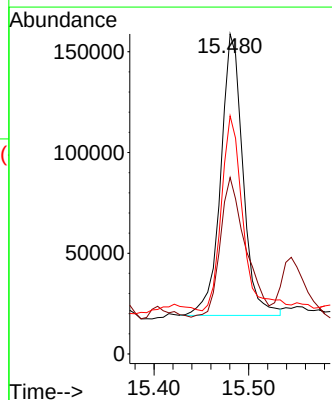
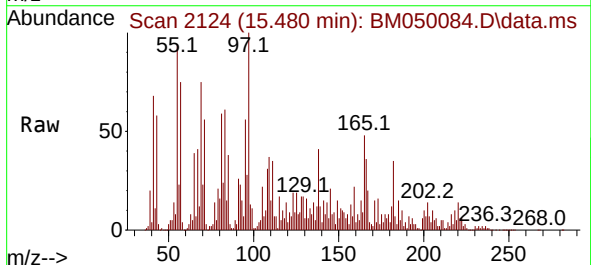
Instrument :
BNA_M
ClientSampleId :
SS-8MSD

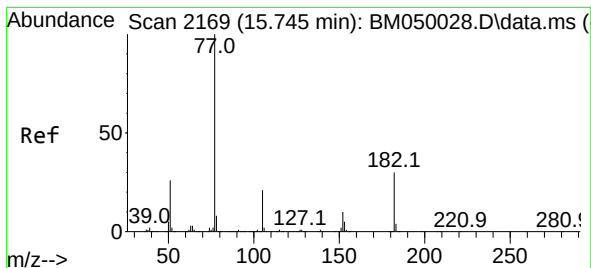
Tgt Ion:204 Resp: 964137
Ion Ratio Lower Upper
204 100
206 35.5 26.3 39.5
141 46.4 34.0 51.0



#62
4-Nitroaniline
Concen: 27.892 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:138 Resp: 228227
Ion Ratio Lower Upper
138 100
92 55.2 25.9 65.9
108 74.4 52.4 92.4





#63

Azobenzene

Concen: 34.113 ng

RT: 15.745 min Scan# 2169

Delta R.T. 0.000 min

Lab File: BM050084.D

Acq: 02 May 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SS-8MSD

Tgt Ion: 77 Resp: 1155833

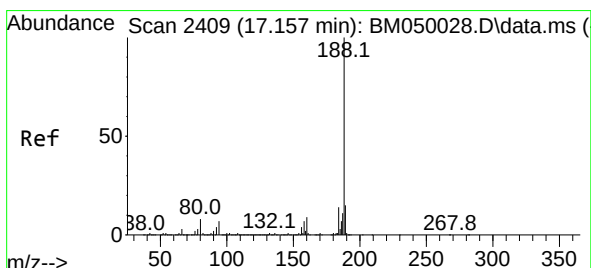
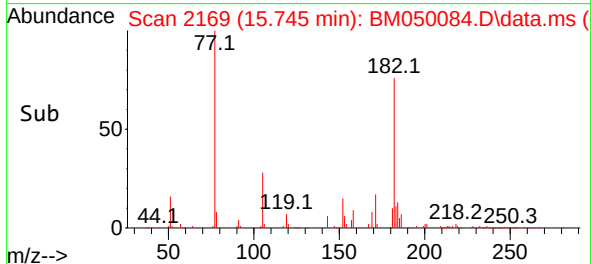
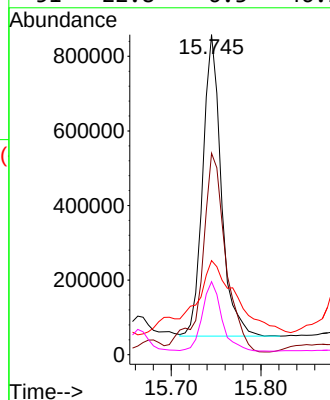
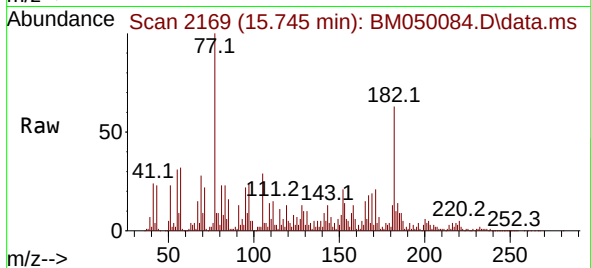
Ion Ratio Lower Upper

77 100

182 63.0 10.5 50.5#

105 29.4 1.1 41.1

51 22.8 6.3 46.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.157 min Scan# 2409

Delta R.T. -0.000 min

Lab File: BM050084.D

Acq: 02 May 2025 14:00

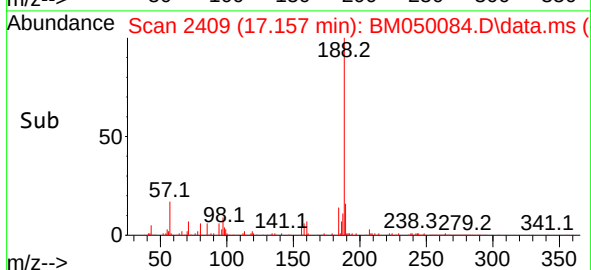
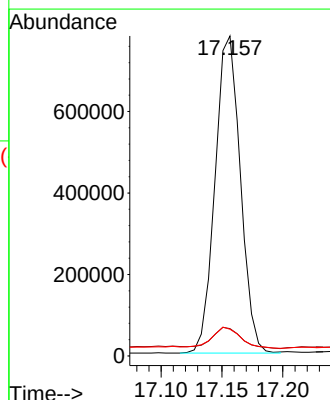
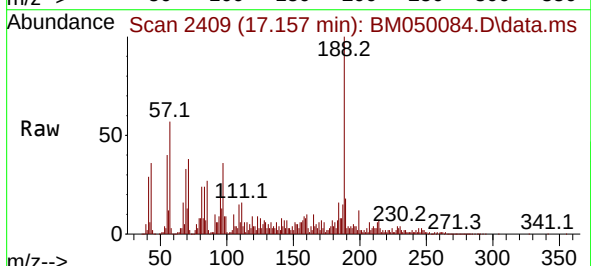
Tgt Ion:188 Resp: 1125283

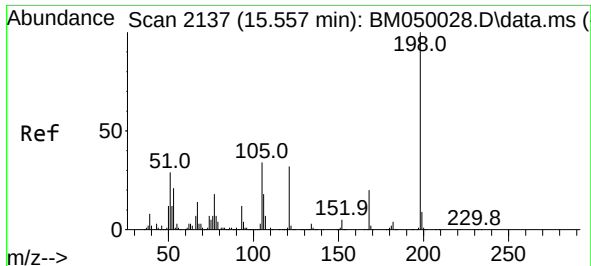
Ion Ratio Lower Upper

188 100

94 8.6 5.7 8.5#

80 8.4 6.2 9.4

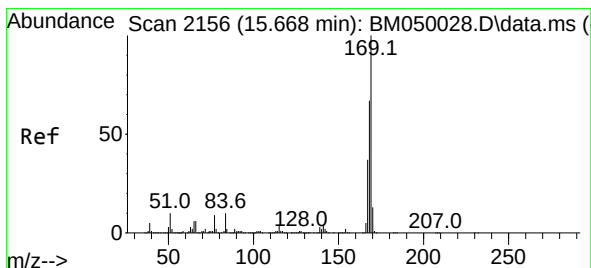
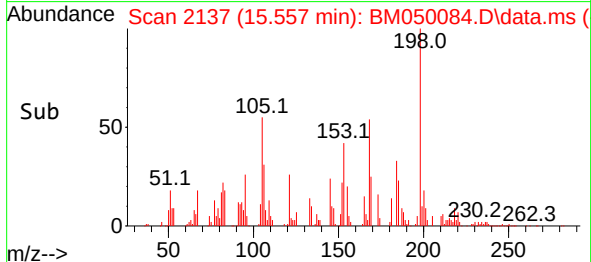
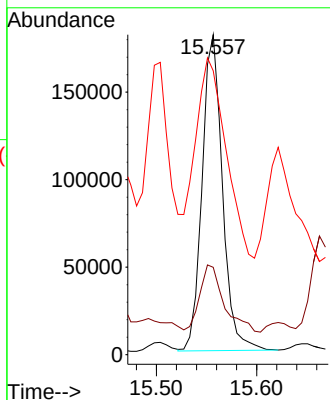
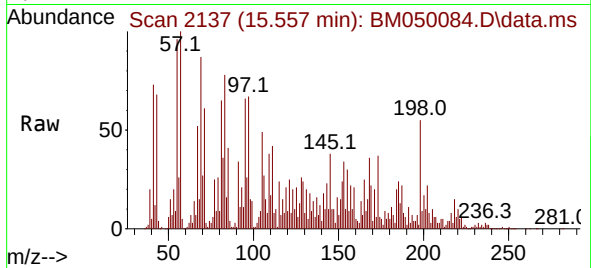




#65
4,6-Dinitro-2-methylphenol
Concen: 36.185 ng
RT: 15.557 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

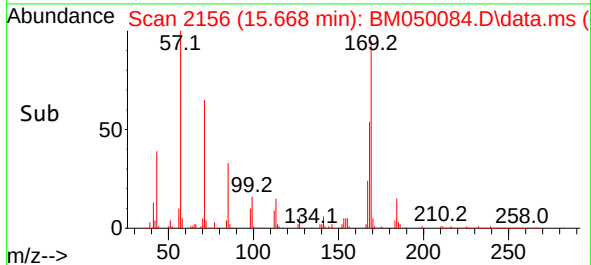
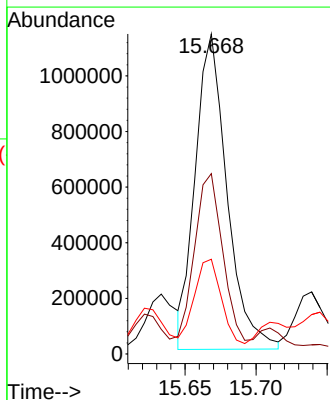
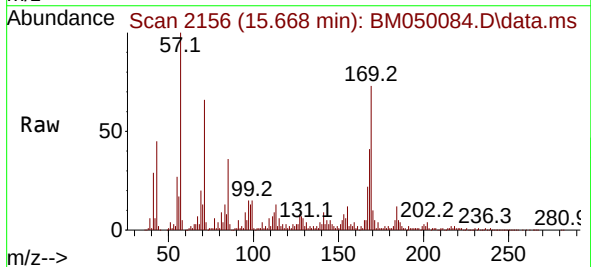
Instrument :
BNA_M
ClientSampleId :
SS-8MSD

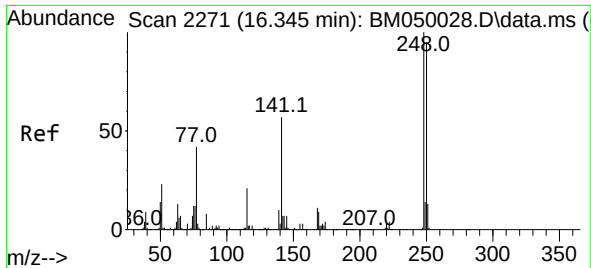
Tgt Ion:198 Resp: 254881
Ion Ratio Lower Upper
198 100
51 27.3 10.4 50.4
105 88.7 14.6 54.6#



#66
n-Nitrosodiphenylamine
Concen: 51.053 ng
RT: 15.668 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:169 Resp: 1764120
Ion Ratio Lower Upper
169 100
168 56.4 53.4 80.2
167 29.6 29.4 44.0

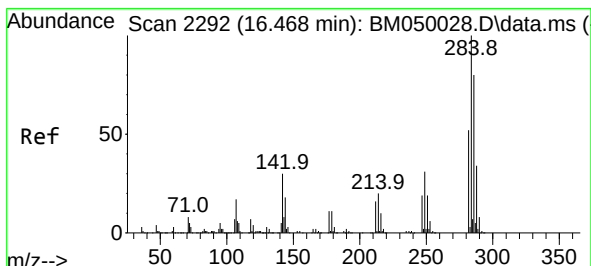
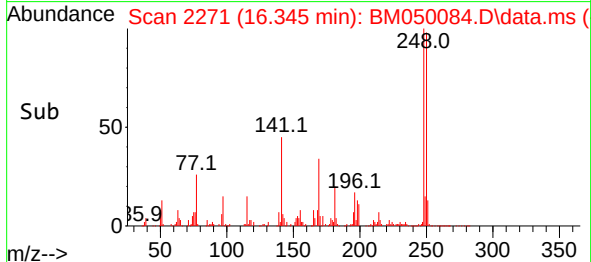
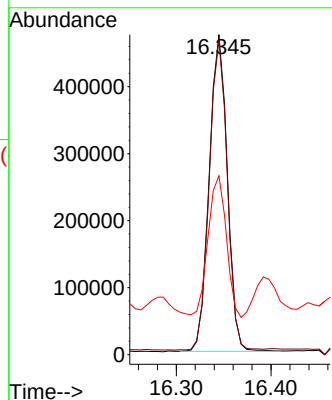
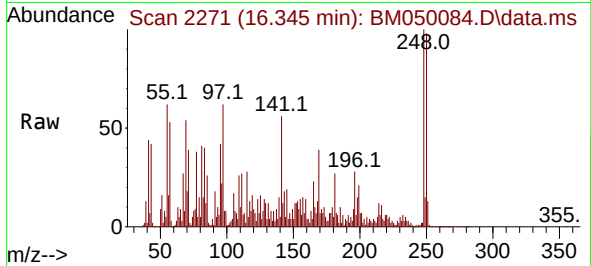




#67
4-Bromophenyl-phenylether
Concen: 46.304 ng
RT: 16.345 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

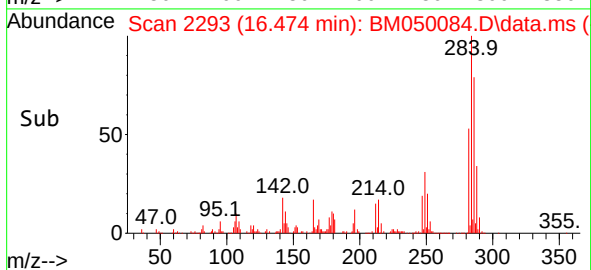
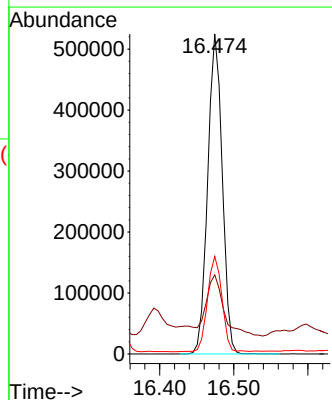
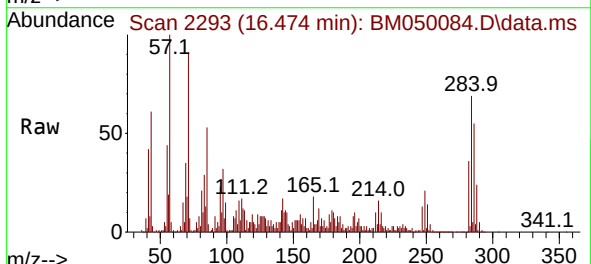
Instrument :
BNA_M
ClientSampleId :
SS-8MSD

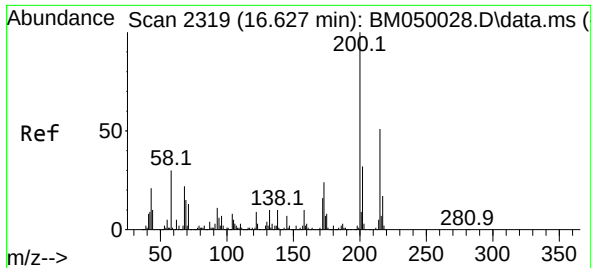
Tgt Ion:248 Resp: 630089
Ion Ratio Lower Upper
248 100
250 98.2 76.2 114.2
141 55.9 45.9 68.9



#68
Hexachlorobenzene
Concen: 45.617 ng
RT: 16.474 min Scan# 2293
Delta R.T. 0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:284 Resp: 715533
Ion Ratio Lower Upper
284 100
142 24.8 23.9 35.9
249 30.5 24.5 36.7

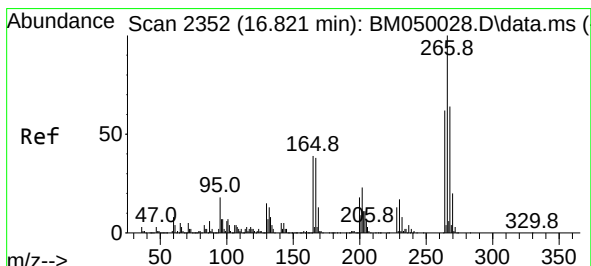
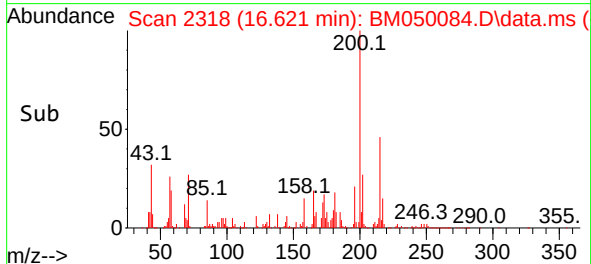
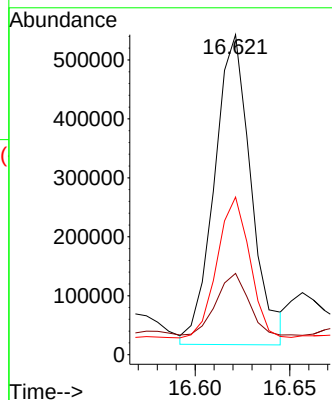
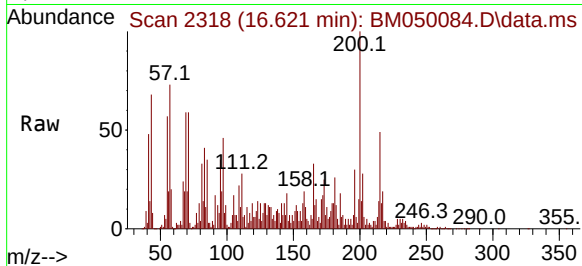




#69
 Atrazine
 Concen: 56.879 ng
 RT: 16.621 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM050084.D
 Acq: 02 May 2025 14:00

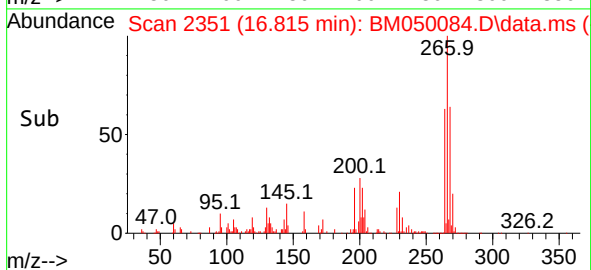
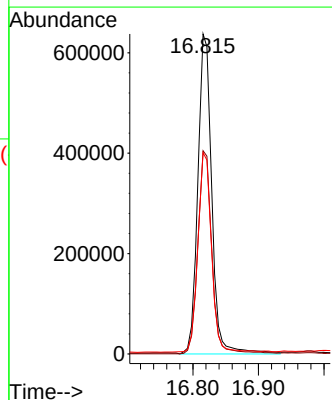
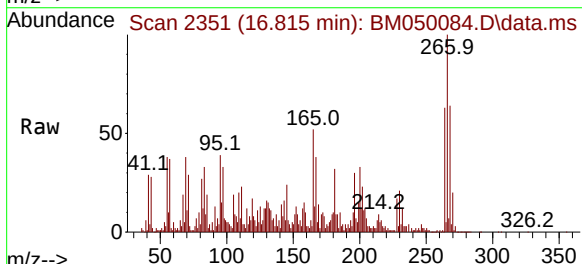
Instrument :
 BNA_M
 ClientSampleId :
 SS-8MSD

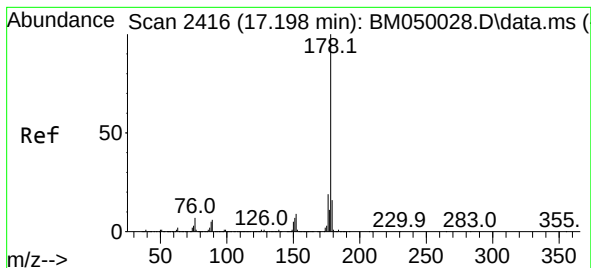
Tgt Ion:200 Resp: 708947
 Ion Ratio Lower Upper
 200 100
 173 25.4 4.3 44.3
 215 49.3 30.6 70.6



#70
 Pentachlorophenol
 Concen: 107.257 ng
 RT: 16.815 min Scan# 2351
 Delta R.T. -0.006 min
 Lab File: BM050084.D
 Acq: 02 May 2025 14:00

Tgt Ion:266 Resp: 947009
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.2 76.8
 264 62.9 49.6 74.4





#71

Phenanthrene

Concen: 69.492 ng

RT: 17.198 min Scan# 2416

Delta R.T. 0.000 min

Lab File: BM050084.D

Acq: 02 May 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SS-8MSD

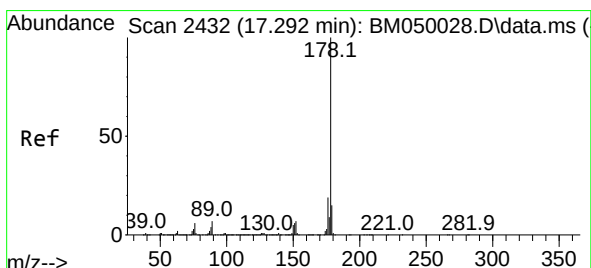
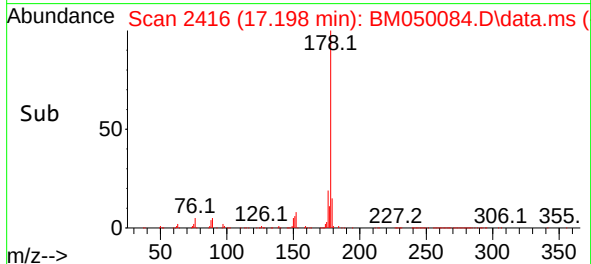
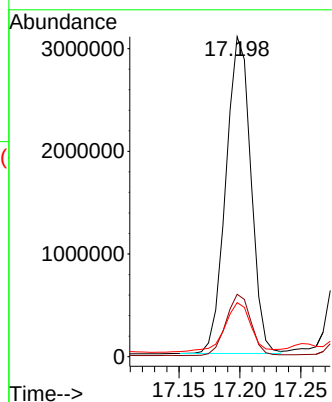
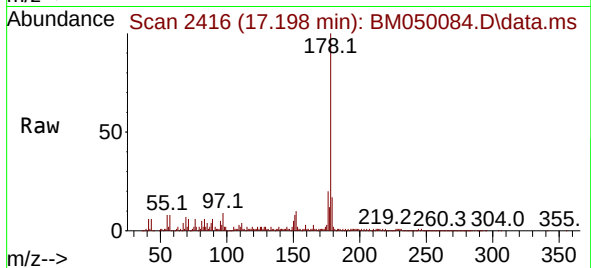
Tgt Ion:178 Resp: 4410458

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

179 16.9 12.4 18.6



#72

Anthracene

Concen: 45.930 ng

RT: 17.292 min Scan# 2432

Delta R.T. 0.000 min

Lab File: BM050084.D

Acq: 02 May 2025 14:00

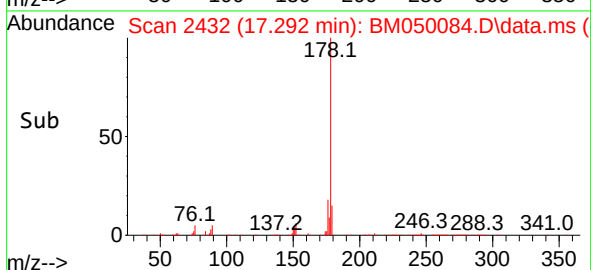
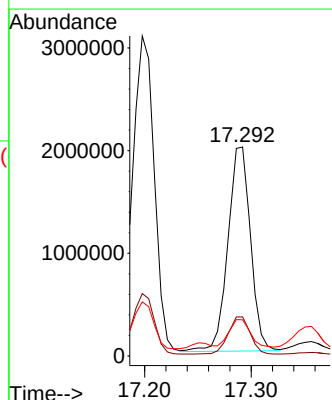
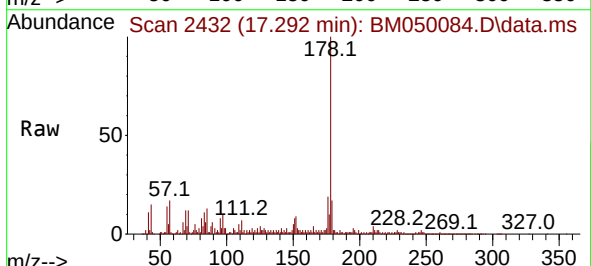
Tgt Ion:178 Resp: 2950004

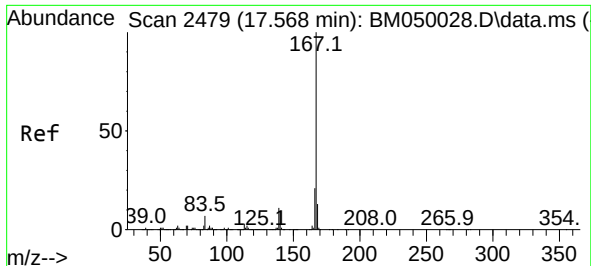
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 17.3 12.2 18.4

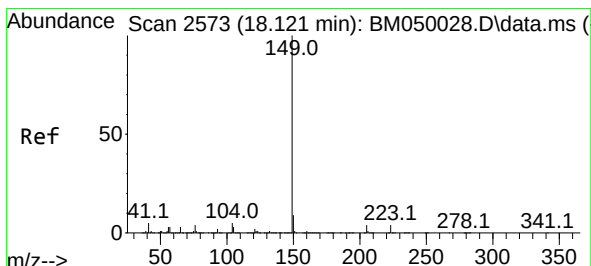
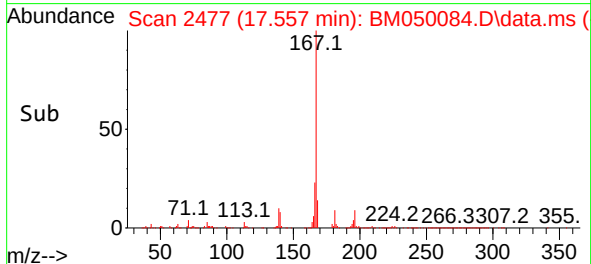
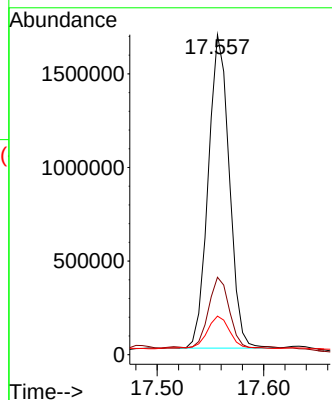
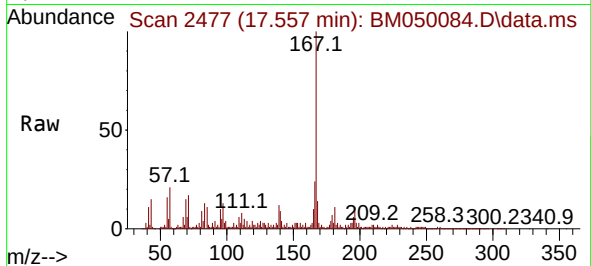




#73
 Carbazole
 Concen: 41.209 ng
 RT: 17.557 min Scan# 2479
 Delta R.T. -0.012 min
 Lab File: BM050084.D
 Acq: 02 May 2025 14:00

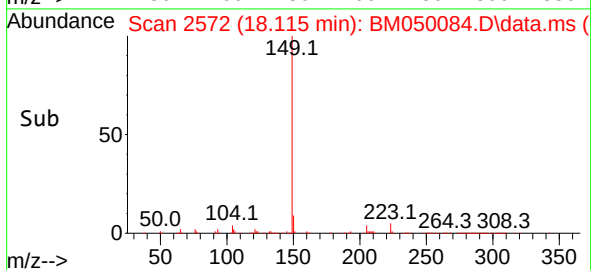
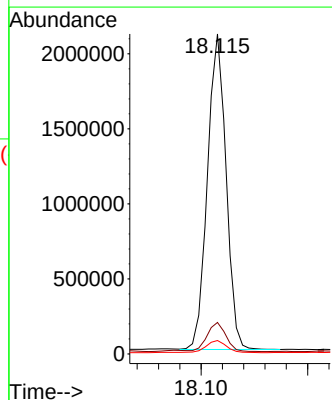
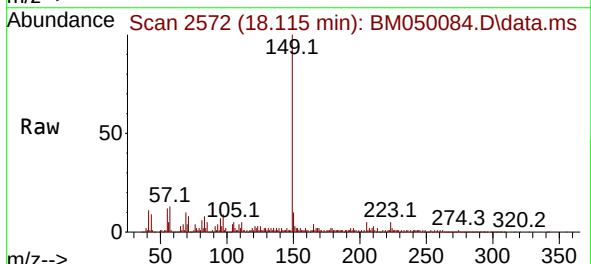
Instrument :
 BNA_M
 ClientSampleId :
 SS-8MSD

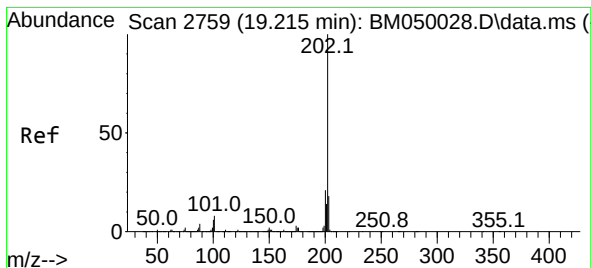
Tgt Ion:167 Resp: 2296748
 Ion Ratio Lower Upper
 167 100
 166 24.2 17.2 25.8
 139 12.1 9.0 13.6



#74
 Di-n-butylphthalate
 Concen: 38.518 ng
 RT: 18.115 min Scan# 2572
 Delta R.T. -0.006 min
 Lab File: BM050084.D
 Acq: 02 May 2025 14:00

Tgt Ion:149 Resp: 2556510
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.3 10.9
 104 4.2 3.8 5.6





#75

Fluoranthene

Concen: 86.948 ng

RT: 19.215 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050084.D

Acq: 02 May 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SS-8MSD

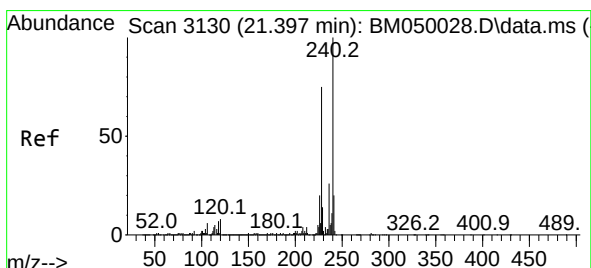
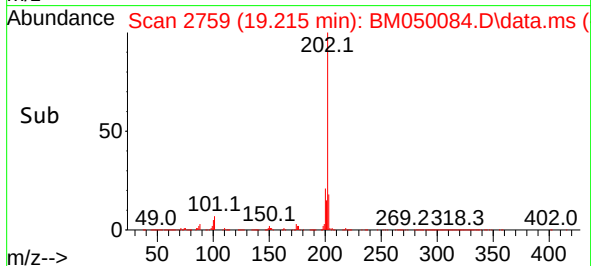
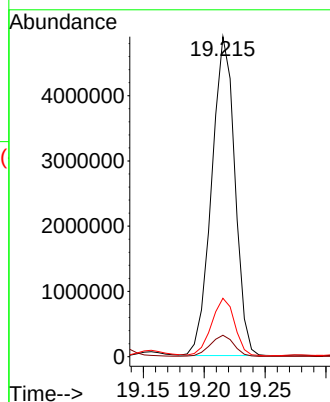
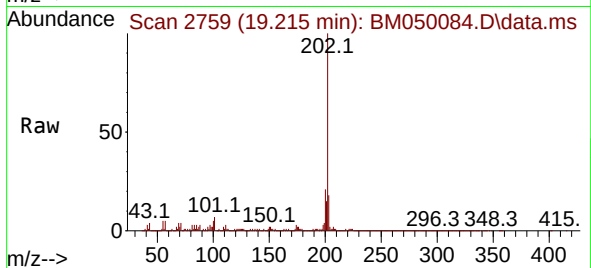
Tgt Ion:202 Resp: 6478876

Ion Ratio Lower Upper

202 100

101 6.7 0.0 28.0

203 18.2 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3128

Delta R.T. -0.011 min

Lab File: BM050084.D

Acq: 02 May 2025 14:00

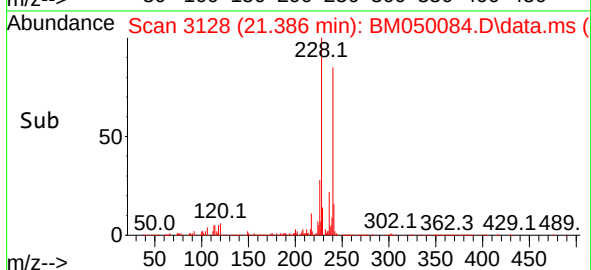
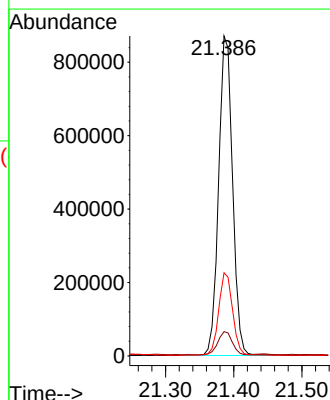
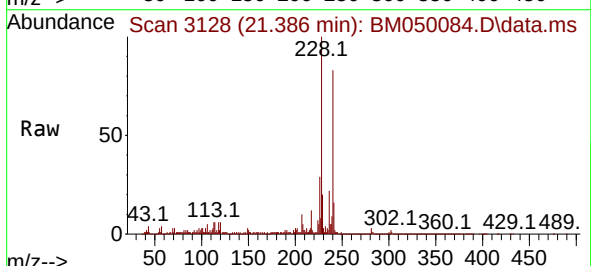
Tgt Ion:240 Resp: 1238341

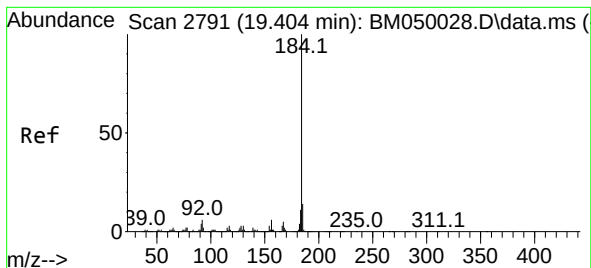
Ion Ratio Lower Upper

240 100

120 7.6 6.5 9.7

236 26.0 20.9 31.3





#77

Benzidine

Concen: 28.496 ng

RT: 19.409 min Scan# 21

Delta R.T. 0.005 min

Lab File: BM050084.D

Acq: 02 May 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SS-8MSD

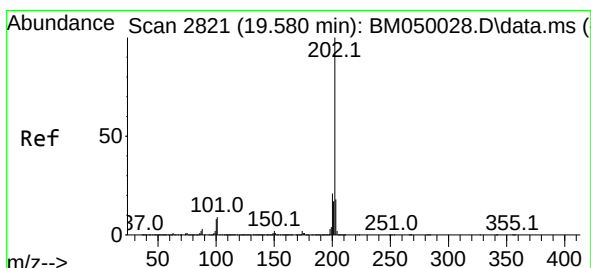
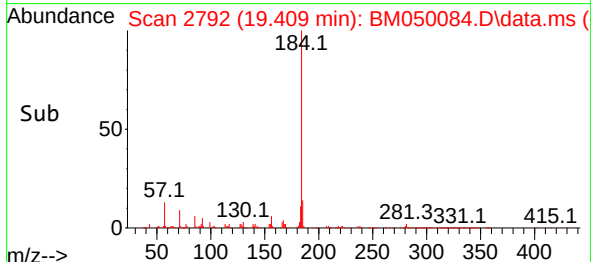
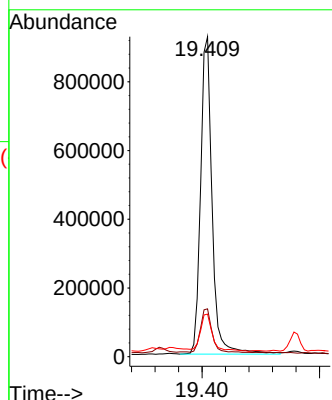
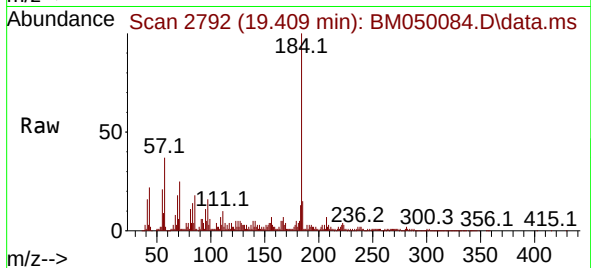
Tgt Ion:184 Resp: 1253466

Ion Ratio Lower Upper

184 100

185 15.0 11.5 17.3

183 13.3 8.9 13.3



#78

Pyrene

Concen: 75.619 ng

RT: 19.580 min Scan# 2821

Delta R.T. 0.000 min

Lab File: BM050084.D

Acq: 02 May 2025 14:00

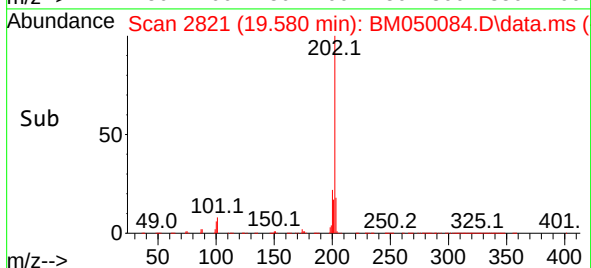
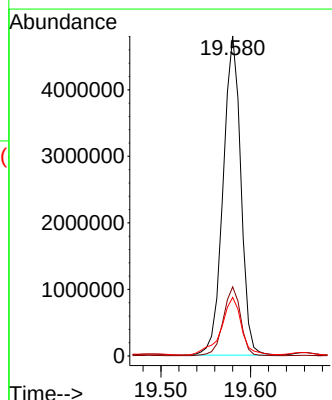
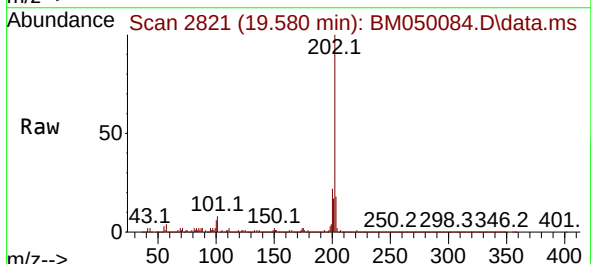
Tgt Ion:202 Resp: 6575812

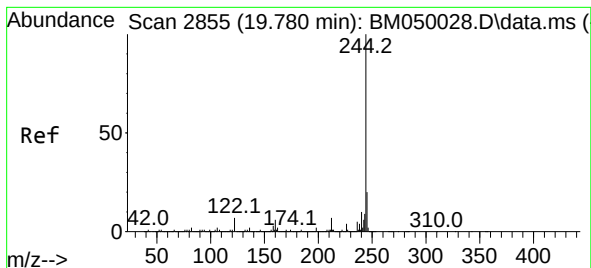
Ion Ratio Lower Upper

202 100

200 21.6 16.7 25.1

203 18.3 14.1 21.1





#79

Terphenyl-d14

Concen: 43.245 ng

RT: 19.774 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM050084.D

Acq: 02 May 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SS-8MSD

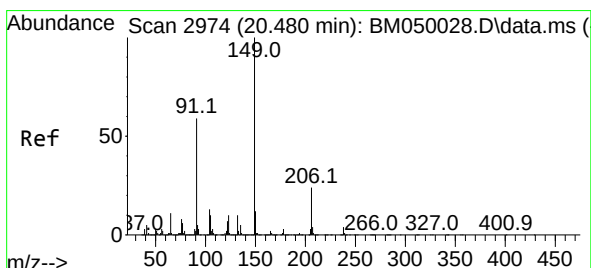
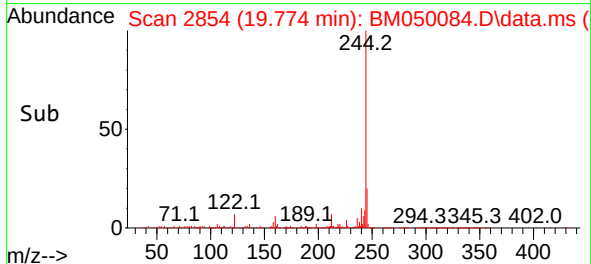
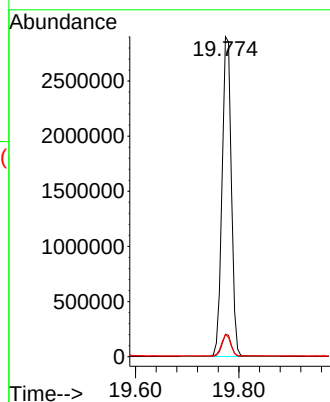
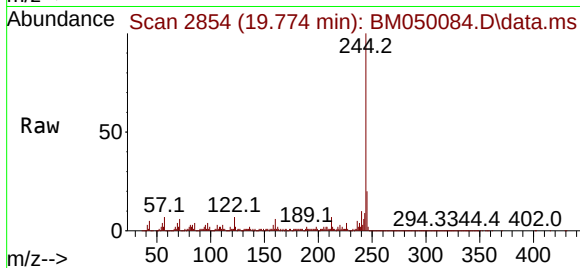
Tgt Ion:244 Resp: 3619052

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 7.0 5.6 8.4



#80

Butylbenzylphthalate

Concen: 37.171 ng

RT: 20.468 min Scan# 2972

Delta R.T. -0.012 min

Lab File: BM050084.D

Acq: 02 May 2025 14:00

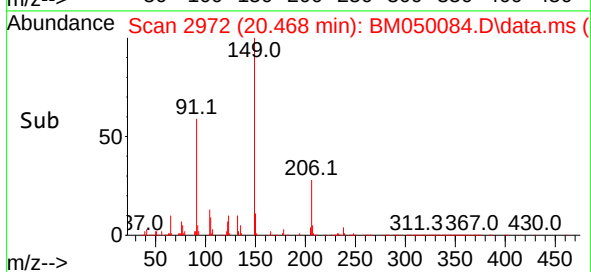
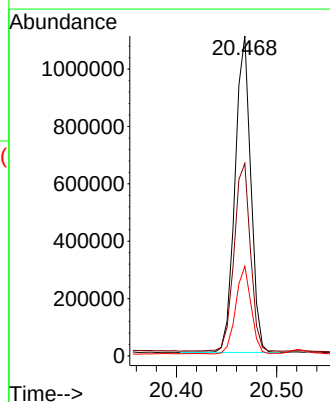
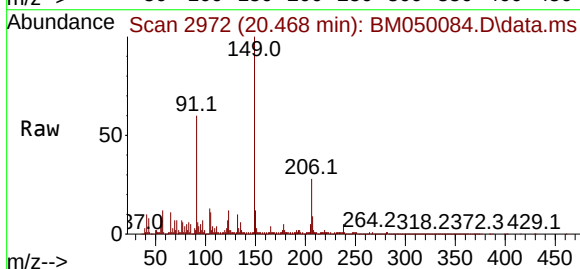
Tgt Ion:149 Resp: 1210644

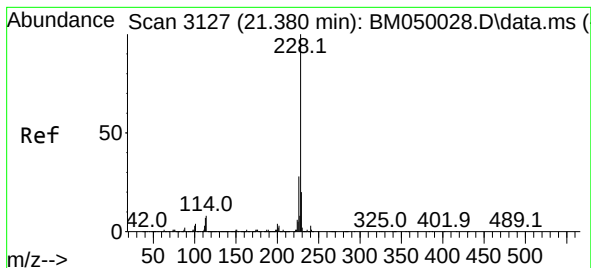
Ion Ratio Lower Upper

149 100

91 60.1 47.4 71.2

206 28.0 19.4 29.0





#81

Benzo(a)anthracene

Concen: 62.652 ng

RT: 21.374 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM050084.D

Acq: 02 May 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SS-8MSD

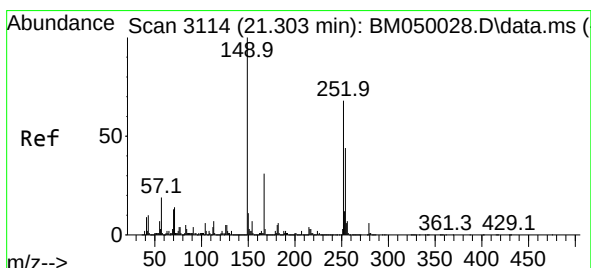
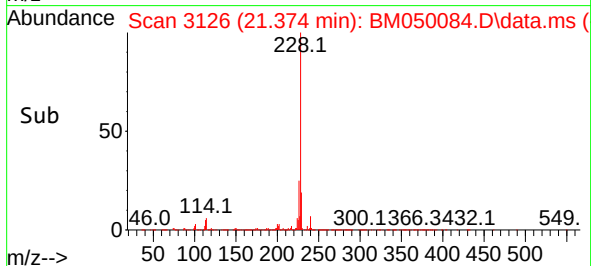
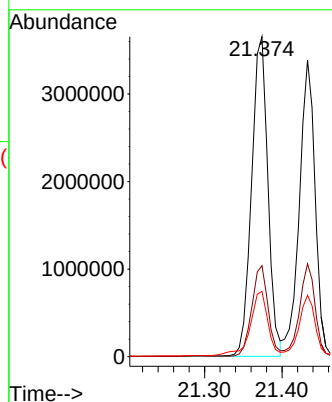
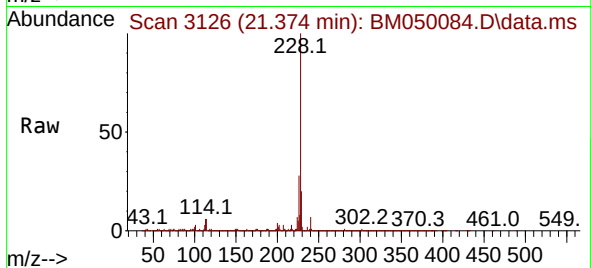
Tgt Ion:228 Resp: 5342640

Ion Ratio Lower Upper

228 100

226 28.5 22.1 33.1

229 20.4 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 6.202 ng

RT: 21.292 min Scan# 3112

Delta R.T. -0.012 min

Lab File: BM050084.D

Acq: 02 May 2025 14:00

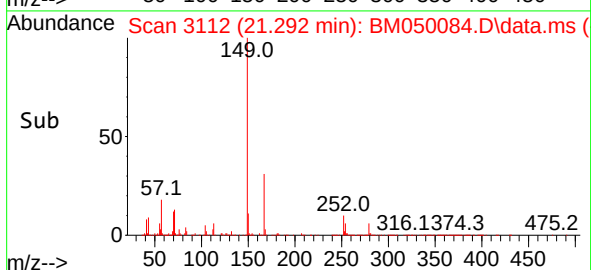
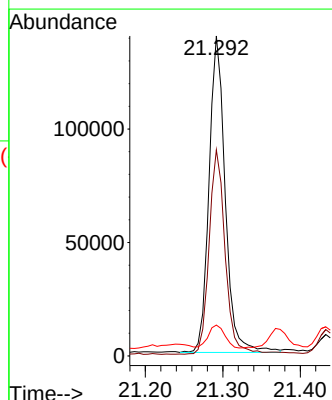
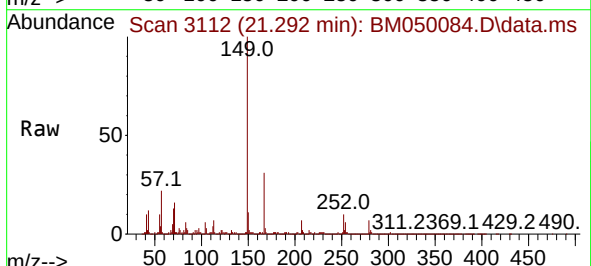
Tgt Ion:252 Resp: 202465

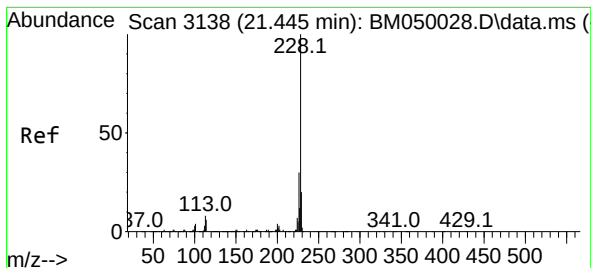
Ion Ratio Lower Upper

252 100

254 64.4 51.8 77.6

126 9.6 6.0 9.0#





#83

Chrysene

Concen: 60.559 ng

RT: 21.433 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM050084.D

Acq: 02 May 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SS-8MSD

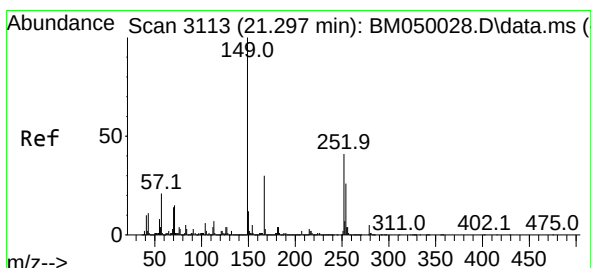
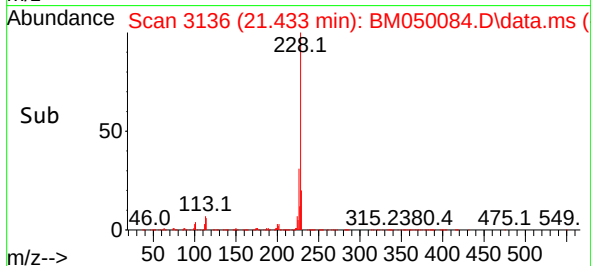
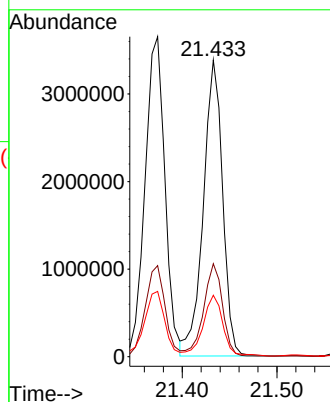
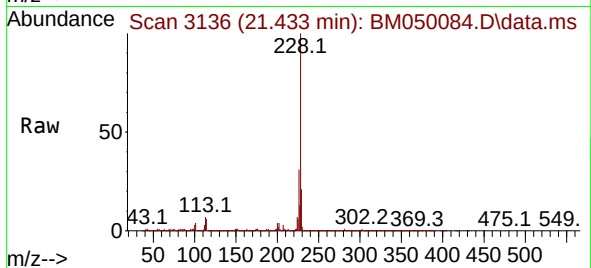
Tgt Ion:228 Resp: 4779549

Ion Ratio Lower Upper

228 100

226 31.4 24.2 36.2

229 20.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.340 ng

RT: 21.286 min Scan# 3111

Delta R.T. -0.012 min

Lab File: BM050084.D

Acq: 02 May 2025 14:00

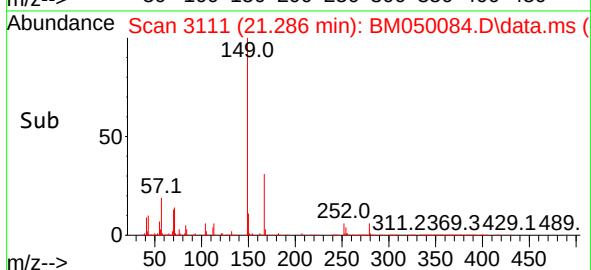
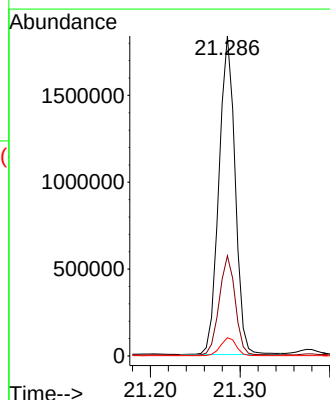
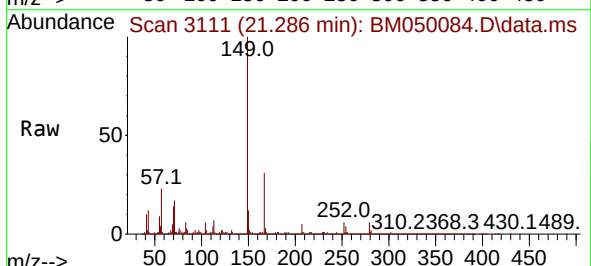
Tgt Ion:149 Resp: 2303036

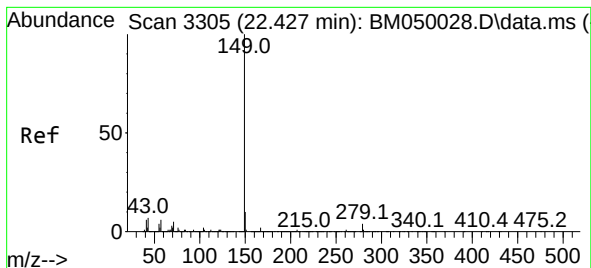
Ion Ratio Lower Upper

149 100

167 31.3 24.1 36.1

279 5.7 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 41.500 ng

RT: 22.409 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM050084.D

Acq: 02 May 2025 14:00

Instrument :

BNA_M

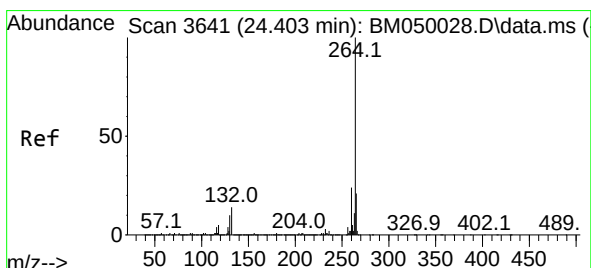
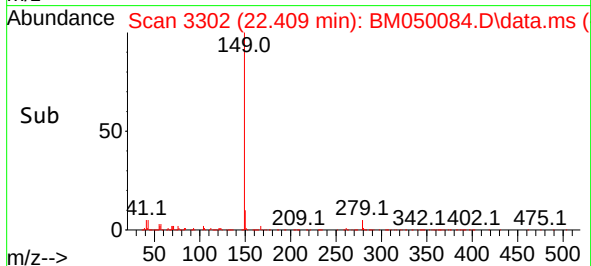
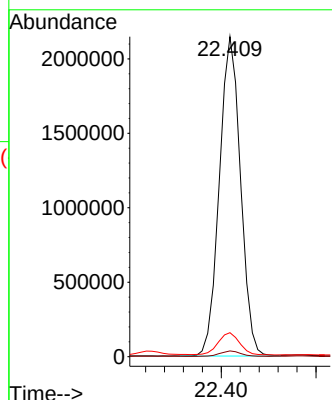
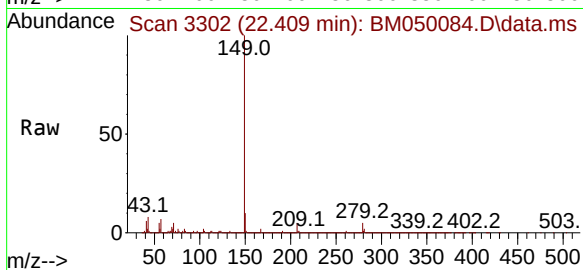
ClientSampleId :

SS-8MSD

Tgt Ion:149 Resp: 3329520

Ion Ratio Lower Upper

149	100		
167	1.7	1.3	1.9
43	7.0	5.8	8.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.374 min Scan# 3636

Delta R.T. -0.029 min

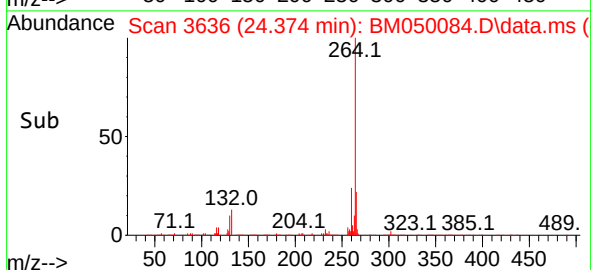
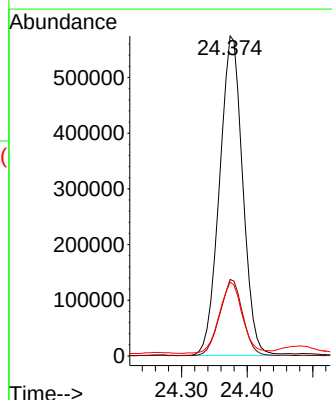
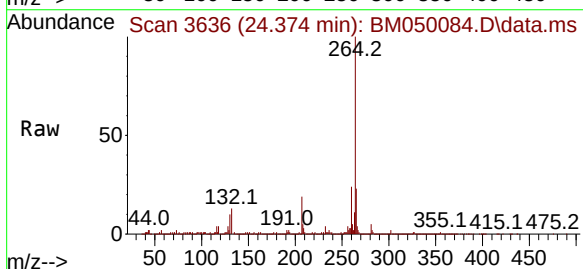
Lab File: BM050084.D

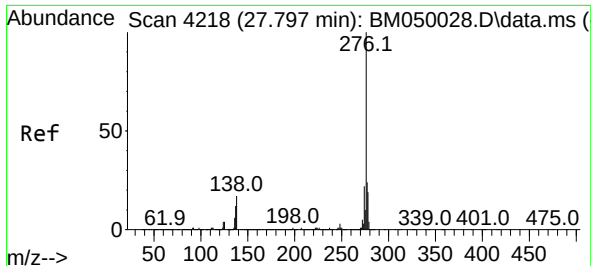
Acq: 02 May 2025 14:00

Tgt Ion:264 Resp: 1405067

Ion Ratio Lower Upper

264	100		
260	23.9	18.8	28.2
265	23.1	17.0	25.4

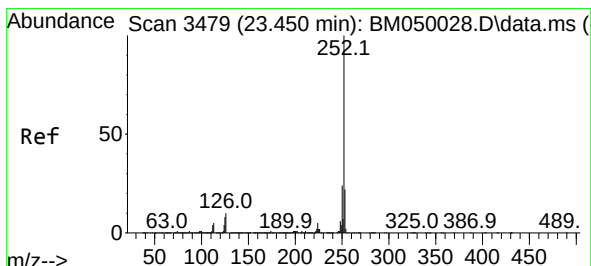
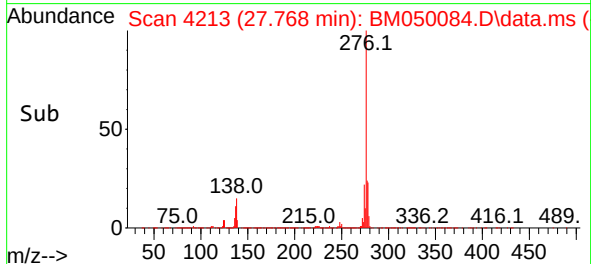
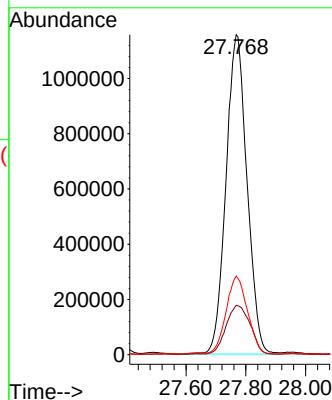
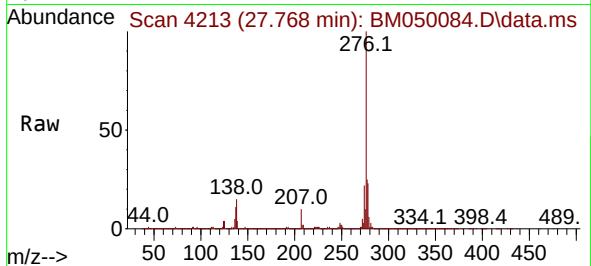




#87
Indeno(1,2,3-cd)pyrene
Concen: 53.858 ng
RT: 27.768 min Scan# 41
Delta R.T. -0.029 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

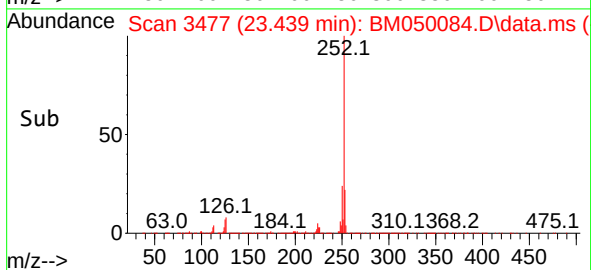
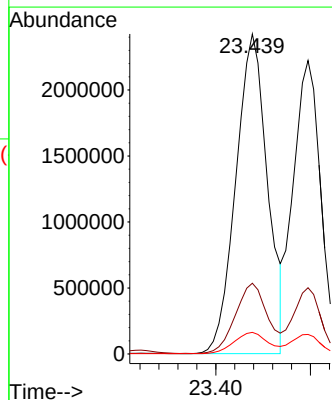
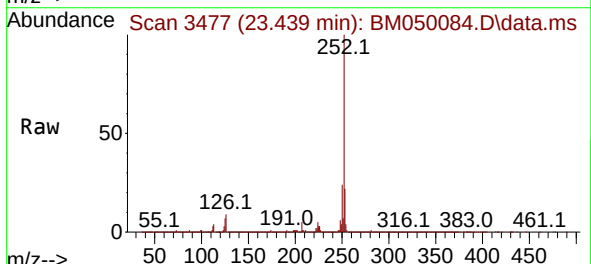
Instrument :
BNA_M
ClientSampleId :
SS-8MSD

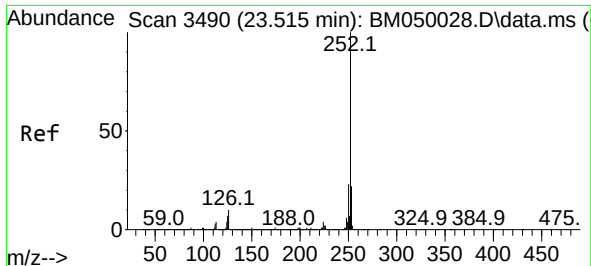
Tgt Ion:276 Resp: 5638624
Ion Ratio Lower Upper
276 100
138 17.5 16.4 24.6
277 24.7 19.8 29.8



#88
Benzo(b)fluoranthene
Concen: 61.463 ng
RT: 23.439 min Scan# 3477
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:252 Resp: 5616233
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 6.8 6.1 9.1

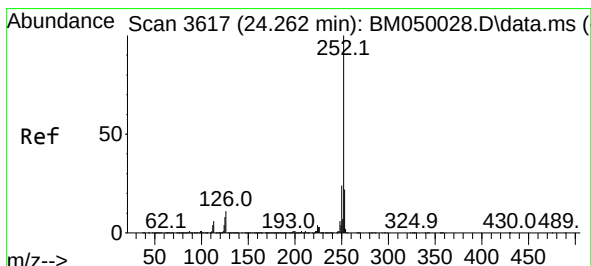
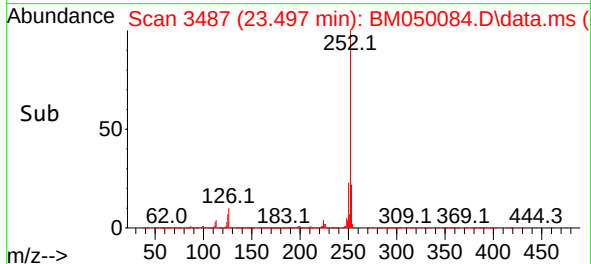
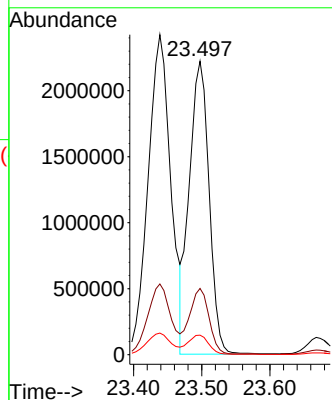
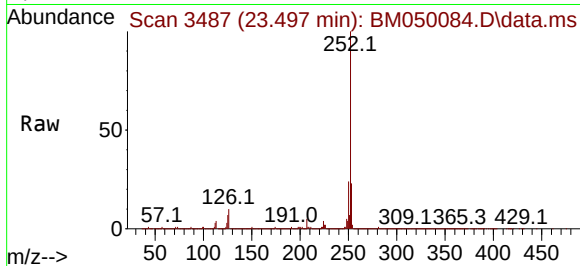




#89
Benzo(k)fluoranthene
Concen: 48.303 ng
RT: 23.497 min Scan# 34
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

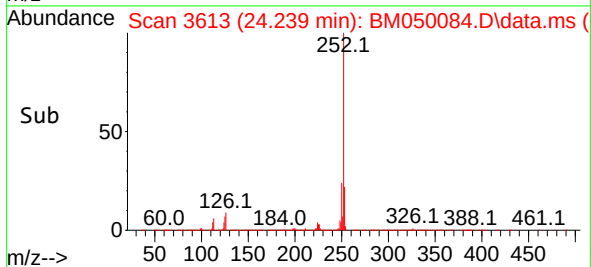
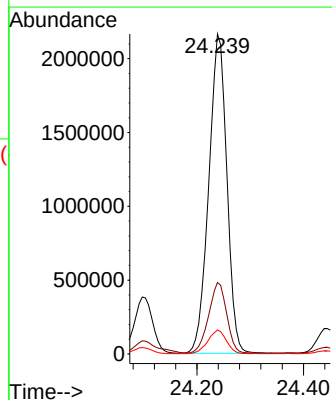
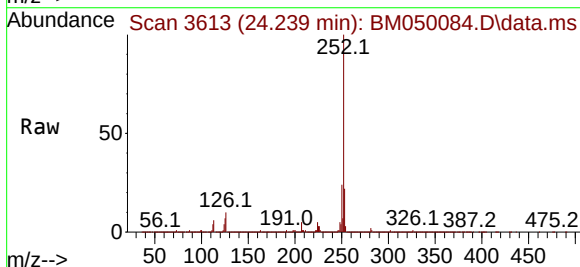
Instrument :
BNA_M
ClientSampleId :
SS-8MSD

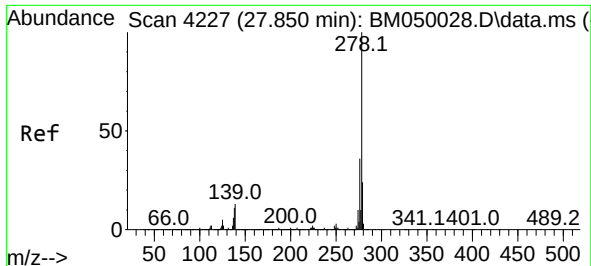
Tgt Ion:252 Resp: 4464658
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 6.6 5.8 8.8



#90
Benzo(a)pyrene
Concen: 59.484 ng
RT: 24.239 min Scan# 3613
Delta R.T. -0.023 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:252 Resp: 5090825
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 7.5 6.6 9.8

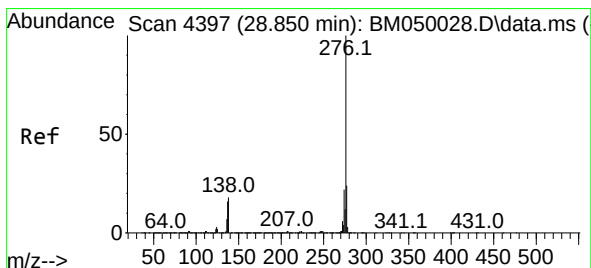
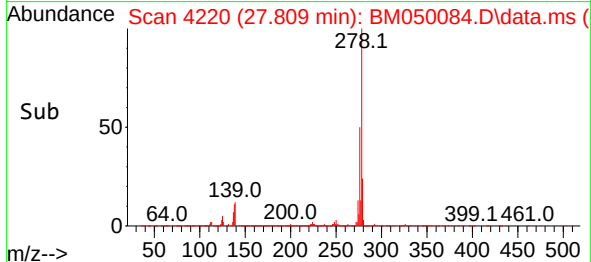
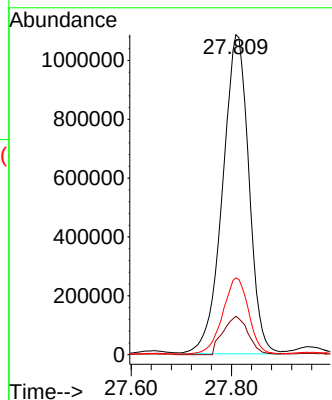
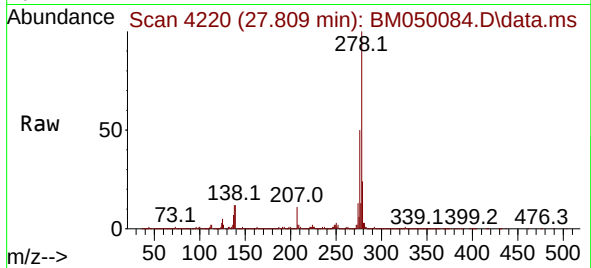




#91
Dibenzo(a,h)anthracene
Concen: 46.241 ng
RT: 27.809 min Scan# 41
Delta R.T. -0.041 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SS-8MSD

Tgt Ion:278 Resp: 3946360
Ion Ratio Lower Upper
278 100
139 12.0 10.5 15.7
279 24.0 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 55.695 ng
RT: 28.826 min Scan# 4393
Delta R.T. -0.023 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:276 Resp: 4550609
Ion Ratio Lower Upper
276 100
277 24.0 19.1 28.7
138 15.9 14.3 21.5

