

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
 Data File : BM049897.D
 Acq On : 11 Apr 2025 12:20
 Operator : RC/JU
 Sample : Q1761-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GST3MS

Quant Time: Apr 11 13:05:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 09 04:00:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	398038	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1400227	20.000	ng	0.00
39) Acenaphthene-d10	14.421	164	921596	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	1779577	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1521016	20.000	ng	0.00
86) Perylene-d12	24.391	264	1498756	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2620349	111.787	ng	0.00
7) Phenol-d6	6.957	99	3316422	113.715	ng	0.00
23) Nitrobenzene-d5	8.934	82	1826404	72.634	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1639606	122.313	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	4944152	72.747	ng	0.00
79) Terphenyl-d14	19.786	244	7310413	90.072	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	396907	41.115	ng	99
3) Pyridine	3.657	79	1111515	43.823	ng	98
4) n-Nitrosodimethylamine	3.569	42	456107	47.253	ng	98
6) Aniline	7.104	93	951439	38.072	ng	99
8) 2-Chlorophenol	7.345	128	1238038	51.538	ng	100
9) Benzaldehyde	6.916	77	680086	45.441	ng	97
10) Phenol	6.981	94	1474293	51.802	ng	98
11) bis(2-Chloroethyl)ether	7.198	93	1114829	49.951	ng	99
12) 1,3-Dichlorobenzene	7.669	146	1408845	49.606	ng	99
13) 1,4-Dichlorobenzene	7.810	146	1414062	49.483	ng	99
14) 1,2-Dichlorobenzene	8.128	146	1358603	50.475	ng	100
15) Benzyl Alcohol	8.016	79	991685	53.999	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.304	45	1302003	52.340	ng	100
17) 2-Methylphenol	8.228	107	947495	54.024	ng	99
18) Hexachloroethane	8.857	117	490660	49.351	ng	96
19) n-Nitroso-di-n-propyla...	8.587	70	827807	51.248	ng	99
20) 3+4-Methylphenols	8.551	107	1296004	54.202	ng	99
22) Acetophenone	8.598	105	1640443	48.206	ng	100
24) Nitrobenzene	8.975	77	1178336	48.666	ng	97
25) Isophorone	9.504	82	2279301	54.110	ng	99
26) 2-Nitrophenol	9.686	139	659816	51.415	ng	99
27) 2,4-Dimethylphenol	9.751	122	1081365	74.353	ng	99
28) bis(2-Chloroethoxy)met...	9.981	93	1426247	50.575	ng	99
29) 2,4-Dichlorophenol	10.228	162	1258087	52.040	ng	98
30) 1,2,4-Trichlorobenzene	10.433	180	1373870	49.124	ng	99
31) Naphthalene	10.622	128	3398694	47.237	ng	99
32) Benzoic acid	9.904	122	752521	42.857	ng	96
33) 4-Chloroaniline	10.728	127	415897	16.370	ng	98
34) Hexachlorobutadiene	10.910	225	872371	50.428	ng	99
35) Caprolactam	11.522	113	347822	50.164	ng	96
36) 4-Chloro-3-methylphenol	11.869	107	1109094	52.374	ng	98
37) 2-Methylnaphthalene	12.233	142	2290574	45.186	ng	99
38) 1-Methylnaphthalene	12.457	142	2410802	48.815	ng	100
40) 1,2,4,5-Tetrachloroben...	12.610	216	1613836	50.054	ng	99
41) Hexachlorocyclopentadiene	12.592	237	2158702	191.075	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	1075090	52.401	ng	98

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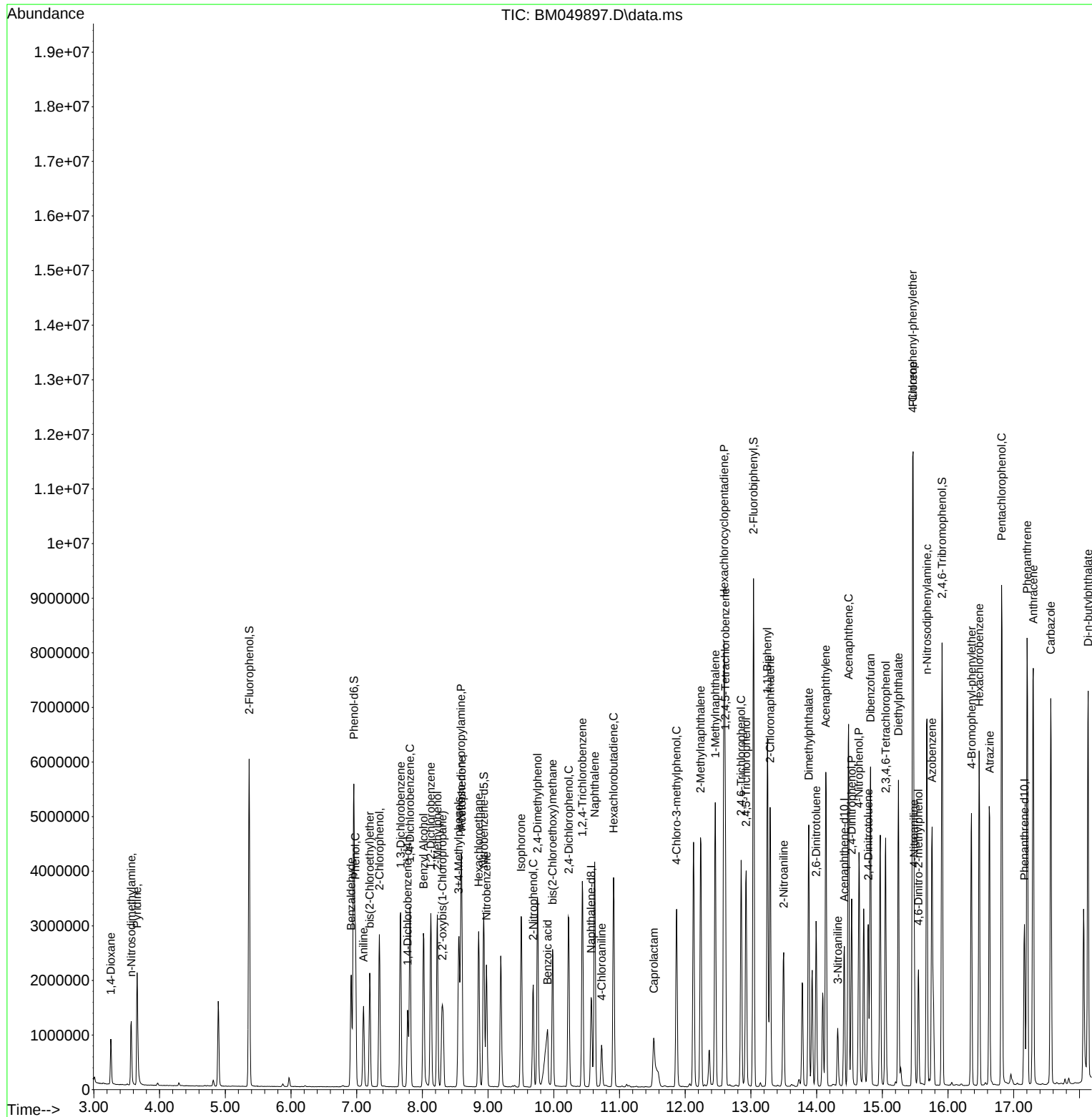
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.927	196	1170147	52.484	ng	99
46) 1,1'-Biphenyl	13.251	154	3363229	49.092	ng	100
47) 2-Chloronaphthalene	13.292	162	2643920	49.101	ng	99
48) 2-Nitroaniline	13.498	65	643988	51.696	ng	99
49) Acenaphthylene	14.139	152	4197613	53.517	ng	99
50) Dimethylphthalate	13.880	163	3273425	50.347	ng	99
51) 2,6-Dinitrotoluene	13.992	165	708816	52.035	ng	100
52) Acenaphthene	14.486	154	2450799	49.122	ng	99
53) 3-Nitroaniline	14.321	138	290745	22.083	ng	92
54) 2,4-Dinitrophenol	14.533	184	862493	86.760	ng	95
55) Dibenzofuran	14.821	168	3997202	47.926	ng	98
56) 4-Nitrophenol	14.645	139	1255789	107.036	ng	99
57) 2,4-Dinitrotoluene	14.786	165	984271	54.162	ng	95
58) Fluorene	15.468	166	3312023	49.958	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.051	232	991195	50.723	ng	97
60) Diethylphthalate	15.245	149	3055827	49.010	ng	98
61) 4-Chlorophenyl-phenyle...	15.463	204	1828146	51.433	ng	98
62) 4-Nitroaniline	15.486	138	652892	47.953	ng	99
63) Azobenzene	15.757	77	2915396	54.614	ng	96
65) 4,6-Dinitro-2-methylph...	15.551	198	557624	49.725	ng	97
66) n-Nitrosodiphenylamine	15.680	169	2818922	52.931	ng	99
67) 4-Bromophenyl-phenylether	16.357	248	1121321	54.278	ng	95
68) Hexachlorobenzene	16.474	284	1280020	54.018	ng	99
69) Atrazine	16.633	200	1041186	75.403	ng	97
70) Pentachlorophenol	16.815	266	1777954	101.914	ng	99
71) Phenanthrene	17.204	178	5014269	51.395	ng	100
72) Anthracene	17.298	178	5118456	53.236	ng	100
73) Carbazole	17.562	167	4537431	50.105	ng	99
74) Di-n-butylphthalate	18.133	149	5207201	49.922	ng	100
75) Fluoranthene	19.221	202	5833029	48.625	ng	99
77) Benzidine	19.403	184	2195825	108.820	ng	100
78) Pyrene	19.586	202	5876662	56.061	ng	99
80) Butylbenzylphthalate	20.480	149	2147355	54.517	ng	99
81) Benzo(a)anthracene	21.380	228	5371938	53.142	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	998618	26.159	ng	99
83) Chrysene	21.445	228	4869666	50.671	ng	99
84) Bis(2-ethylhexyl)phtha...	21.309	149	3032341	52.840	ng	98
85) Di-n-octyl phthalate	22.439	149	5028056	50.083	ng	99
87) Indeno(1,2,3-cd)pyrene	27.785	276	5782529	51.760	ng	99
88) Benzo(b)fluoranthene	23.450	252	4790847	50.051	ng	99
89) Benzo(k)fluoranthene	23.515	252	4889726	52.714	ng	99
90) Benzo(a)pyrene	24.262	252	4626971	55.010	ng	98
91) Dibenzo(a,h)anthracene	27.838	278	4720792	51.301	ng	100
92) Benzo(g,h,i)perylene	28.844	276	4614103	49.068	ng	99

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

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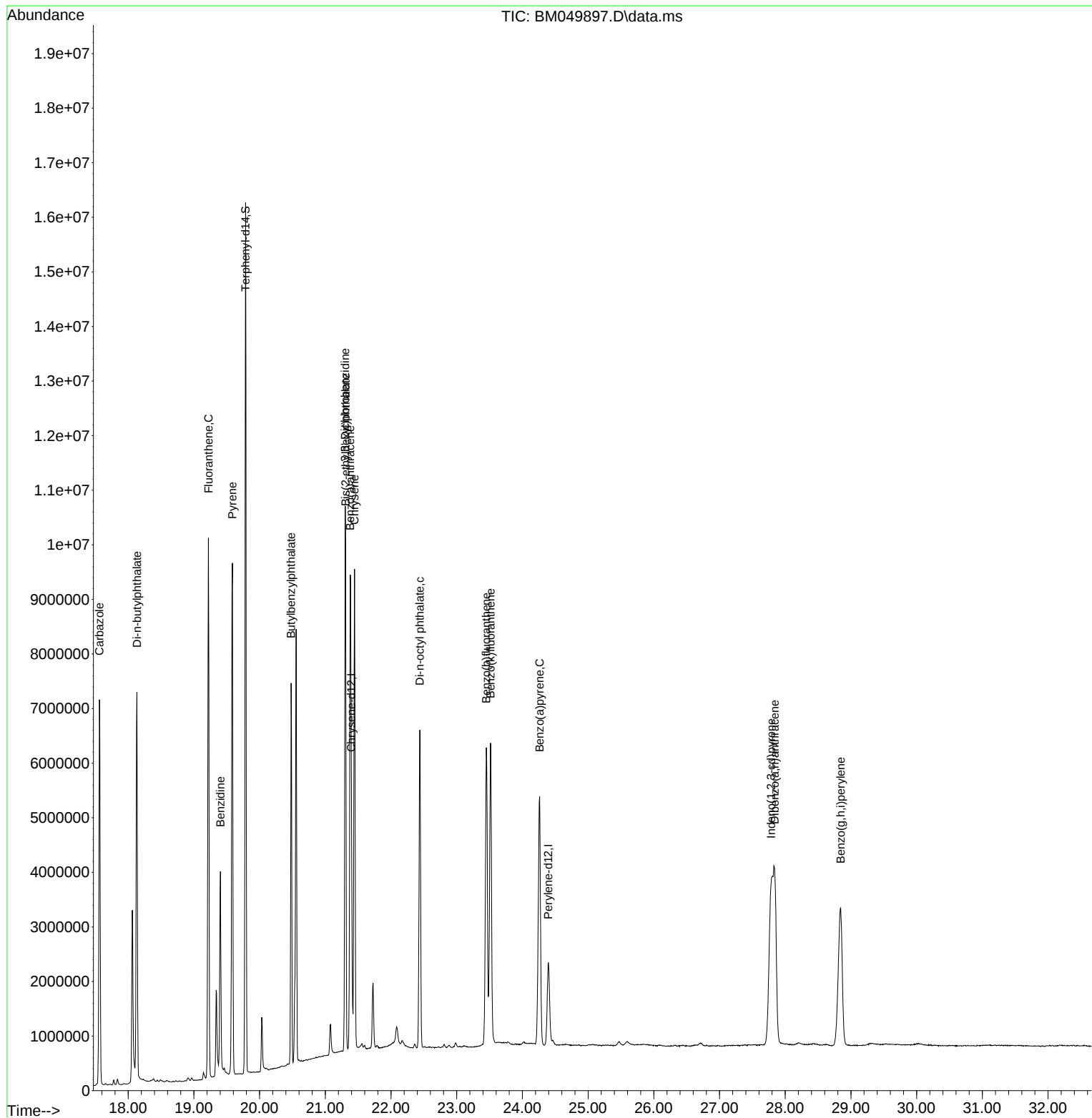
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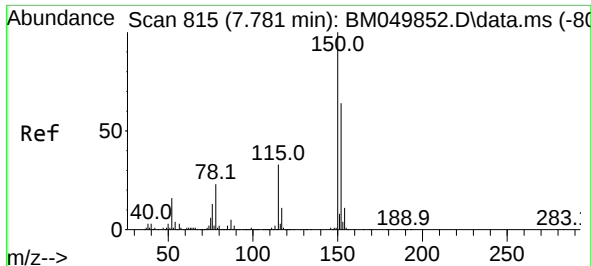


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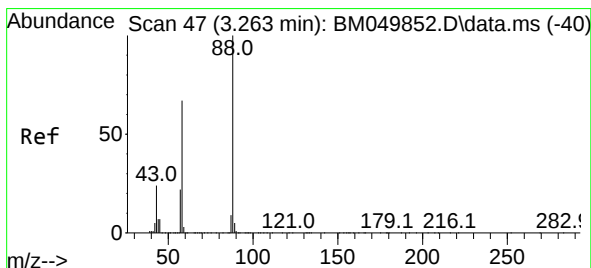
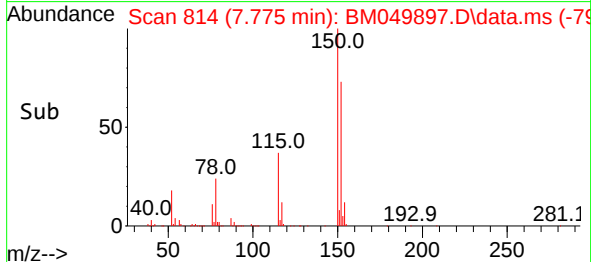
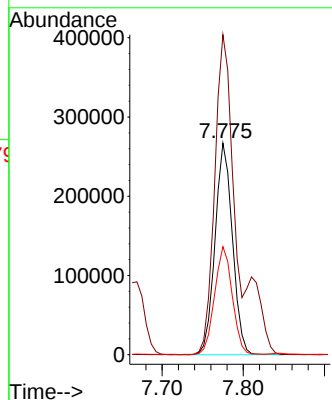
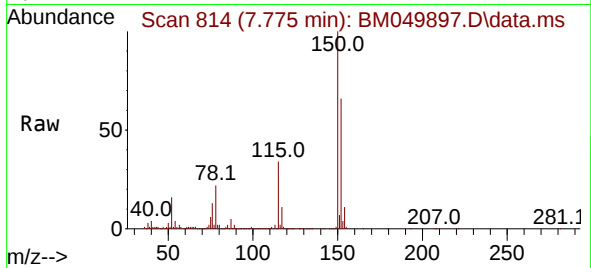




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.775 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM049897.D
 Acq: 11 Apr 2025 12:20

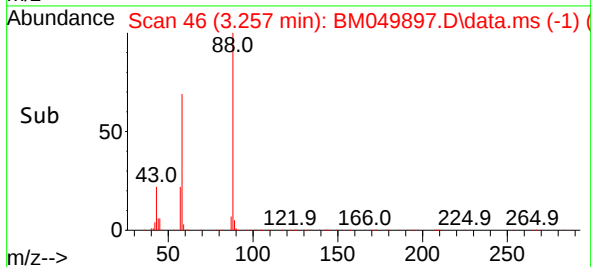
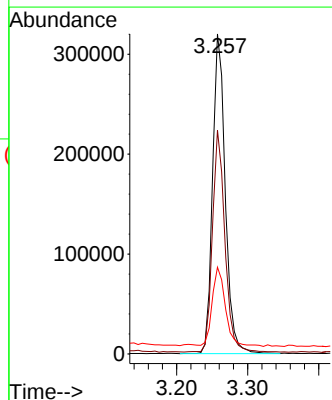
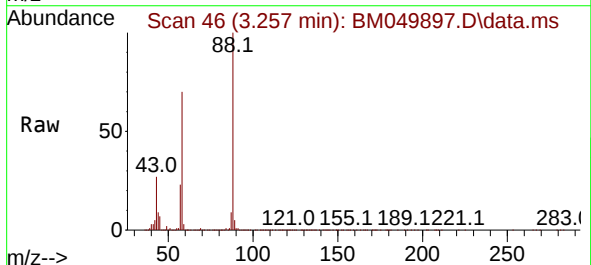
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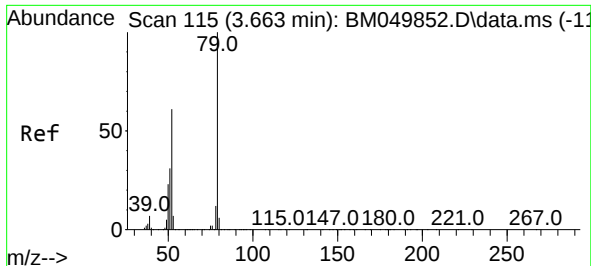
Tgt Ion:152 Resp: 398038
 Ion Ratio Lower Upper
 152 100
 150 151.3 124.3 186.5
 115 51.1 41.1 61.7



#2
 1,4-Dioxane
 Concen: 41.115 ng
 RT: 3.257 min Scan# 46
 Delta R.T. -0.006 min
 Lab File: BM049897.D
 Acq: 11 Apr 2025 12:20

Tgt Ion: 88 Resp: 396907
 Ion Ratio Lower Upper
 88 100
 58 68.3 54.1 81.1
 43 25.9 20.2 30.4

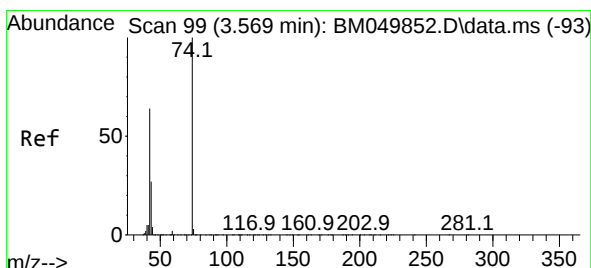
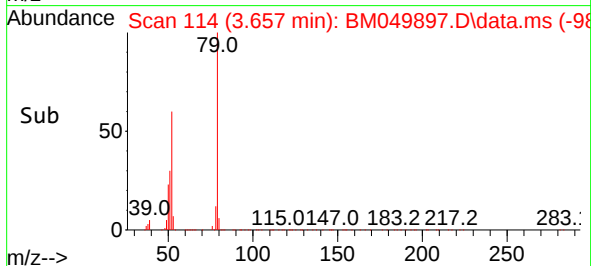
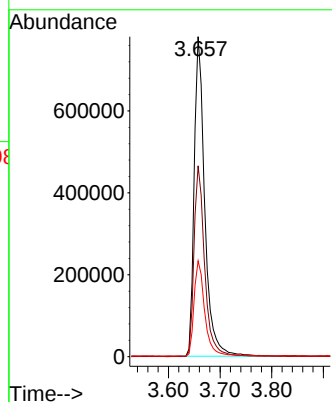
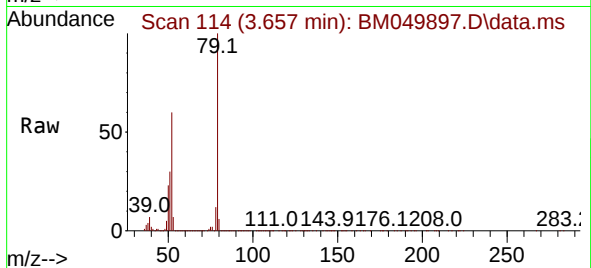




#3
Pyridine
Concen: 43.823 ng
RT: 3.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

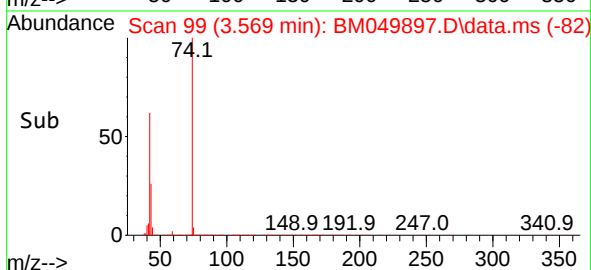
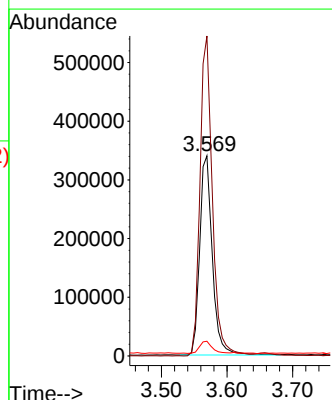
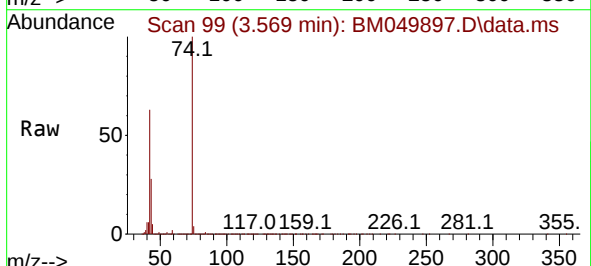
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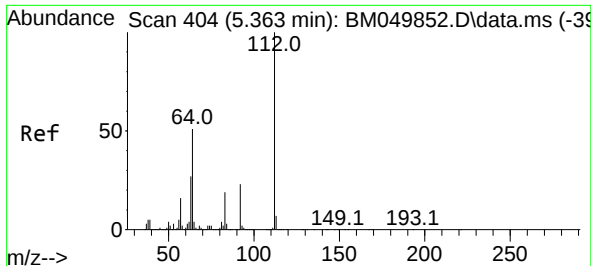
Tgt Ion: 79 Resp: 1111515
Ion Ratio Lower Upper
79 100
52 59.6 48.9 73.3
51 29.9 25.0 37.6



#4
n-Nitrosodimethylamine
Concen: 47.253 ng
RT: 3.569 min Scan# 99
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

Tgt Ion: 42 Resp: 456107
Ion Ratio Lower Upper
42 100
74 159.9 125.4 188.2
44 7.3 5.9 8.9

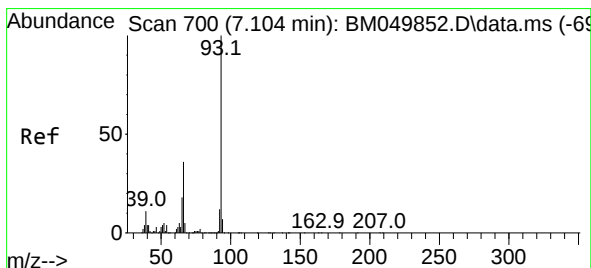
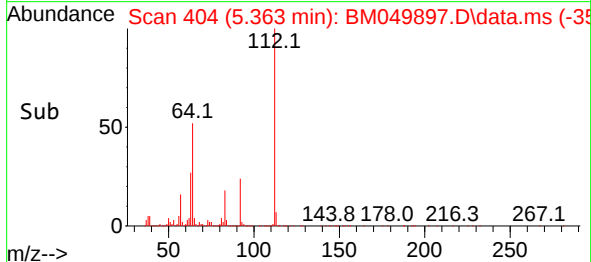
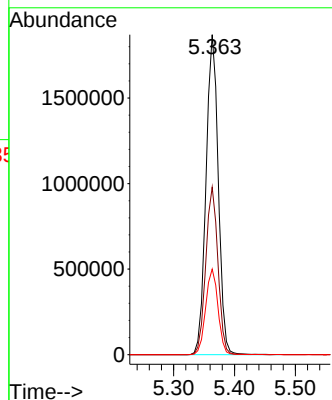
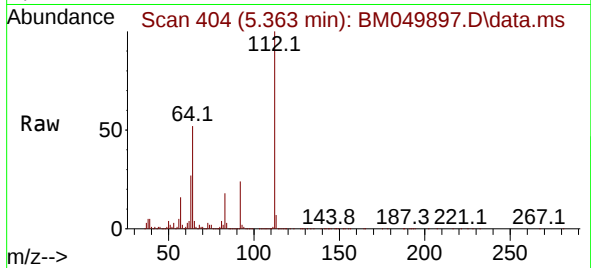




#5
2-Fluorophenol
Concen: 111.787 ng
RT: 5.363 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

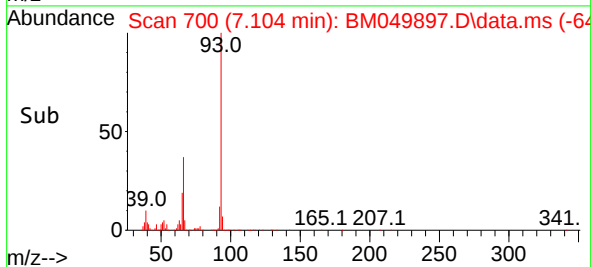
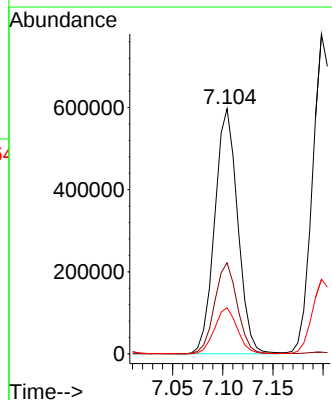
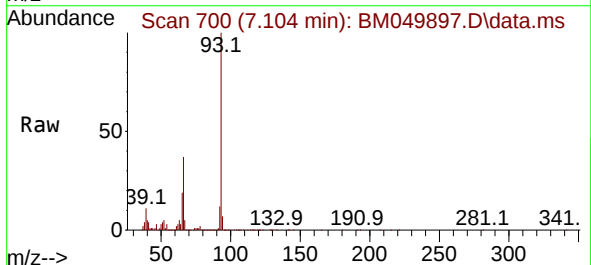
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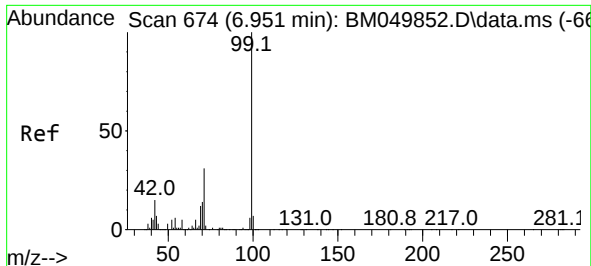
Tgt Ion:112 Resp: 2620349
Ion Ratio Lower Upper
112 100
64 52.4 41.0 61.6
63 26.7 21.5 32.3



#6
Aniline
Concen: 38.072 ng
RT: 7.104 min Scan# 700
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

Tgt Ion: 93 Resp: 951439
Ion Ratio Lower Upper
93 100
66 37.2 29.1 43.7
65 18.9 14.9 22.3

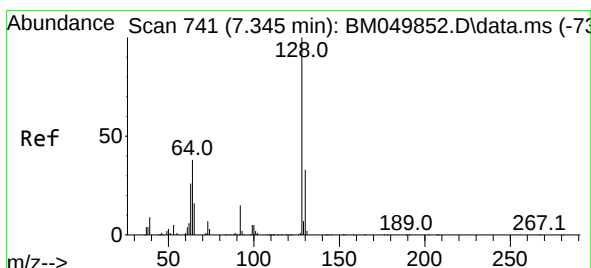
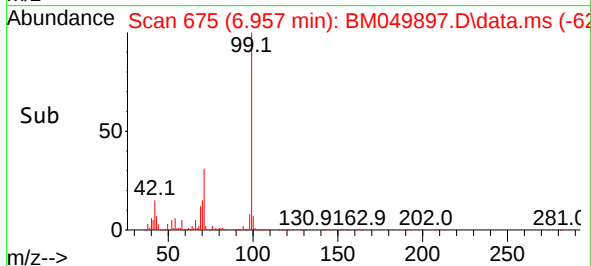
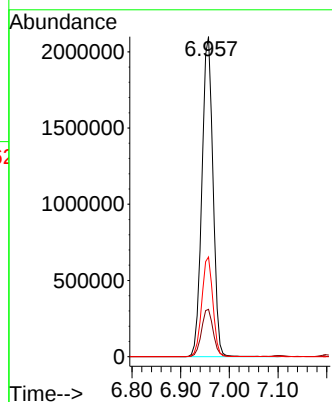
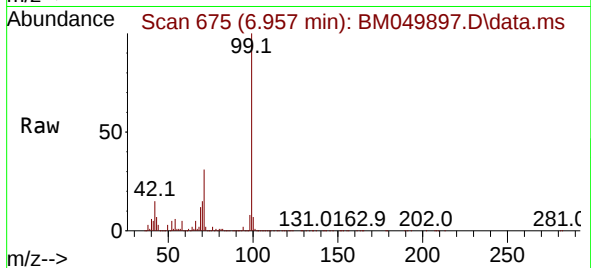




#7
Phenol-d6
Concen: 113.715 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM049897.D
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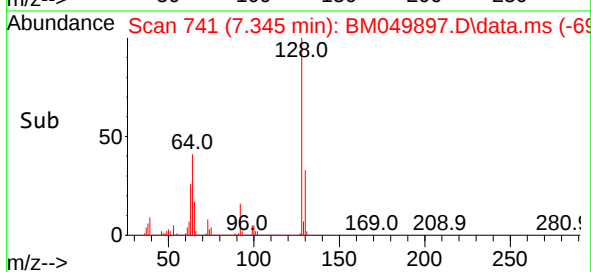
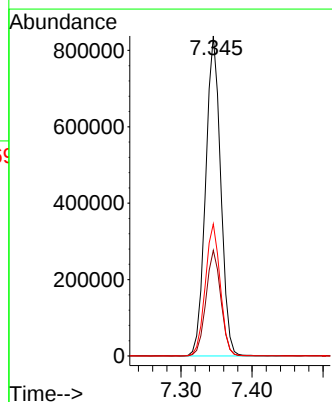
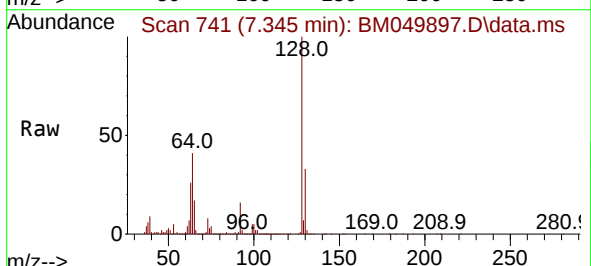
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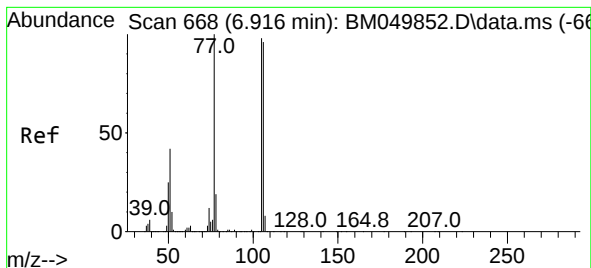
Tgt Ion: 99 Resp: 3316422
Ion Ratio Lower Upper
99 100
42 14.8 12.1 18.1
71 31.1 24.9 37.3



#8
2-Chlorophenol
Concen: 51.538 ng
RT: 7.345 min Scan# 741
Delta R.T. 0.000 min
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Tgt Ion: 128 Resp: 1238038
Ion Ratio Lower Upper
128 100
130 33.0 12.6 52.6
64 41.3 21.1 61.1





#9

Benzaldehyde

Concen: 45.441 ng

RT: 6.916 min Scan# 668

Delta R.T. 0.000 min

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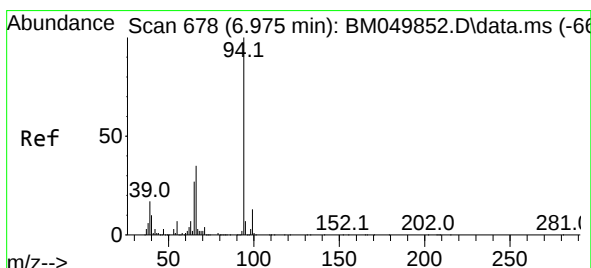
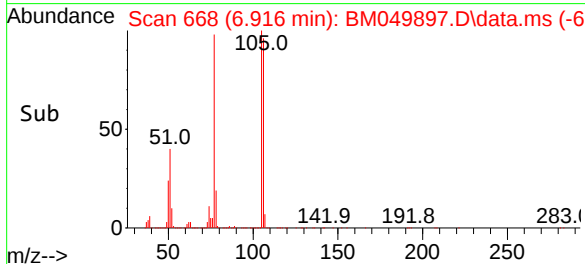
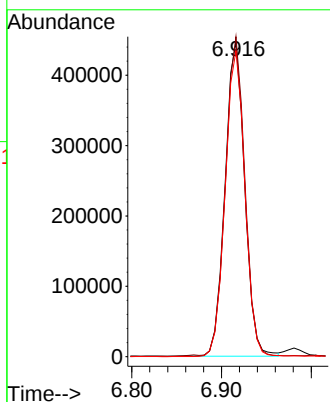
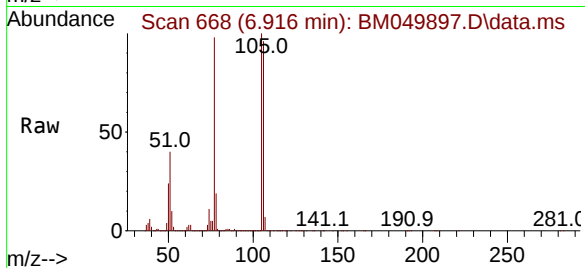
Tgt Ion: 77 Resp: 680086

Ion Ratio Lower Upper

77 100

105 101.8 78.3 118.3

106 97.4 76.0 116.0



#10

Phenol

Concen: 51.802 ng

RT: 6.981 min Scan# 679

Delta R.T. 0.006 min

Lab File: BM049897.D

Acq: 11 Apr 2025 12:20

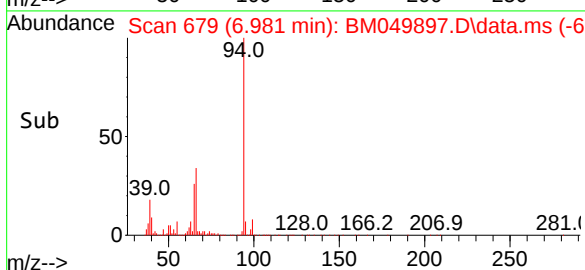
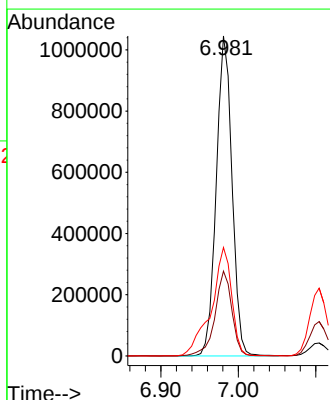
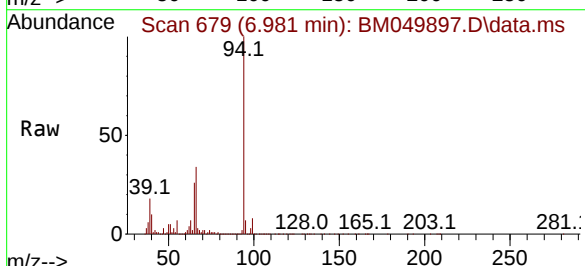
Tgt Ion: 94 Resp: 1474293

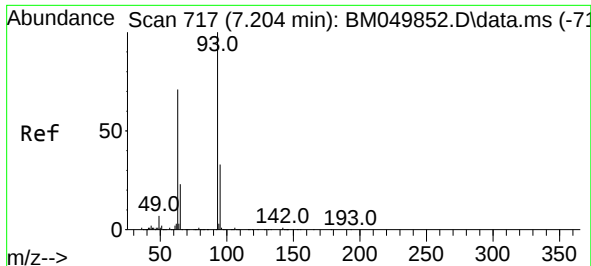
Ion Ratio Lower Upper

94 100

65 26.5 7.3 47.3

66 33.9 14.8 54.8

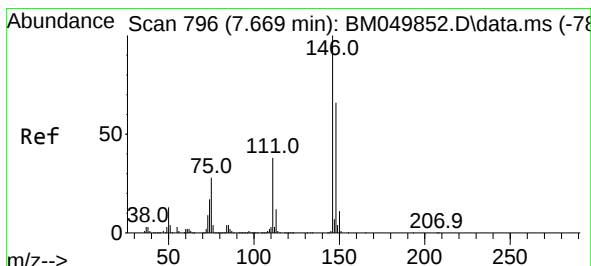
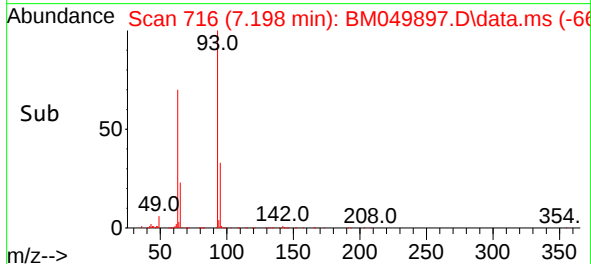
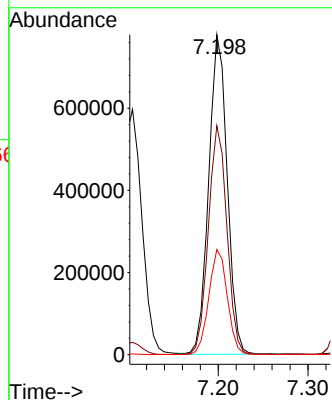
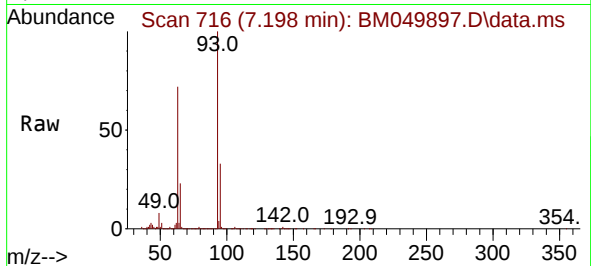




#11
bis(2-Chloroethyl)ether
Concen: 49.951 ng
RT: 7.198 min Scan# 717
Delta R.T. -0.006 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

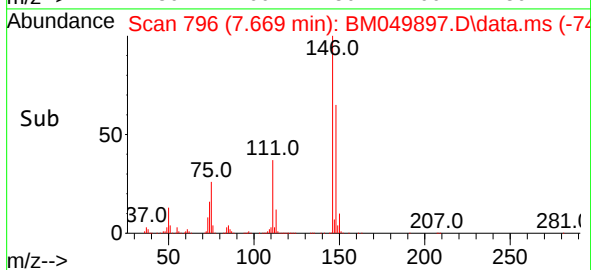
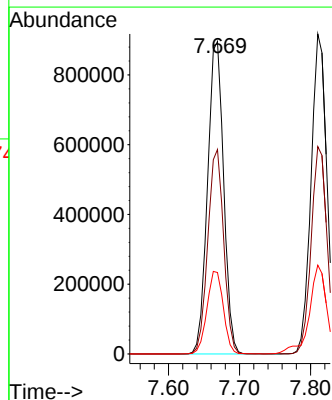
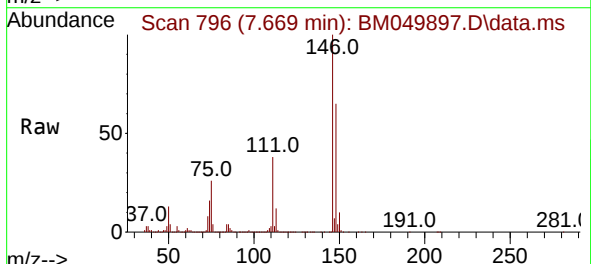
Instrument :
BNA_M
ClientSampleId :
GST3MS

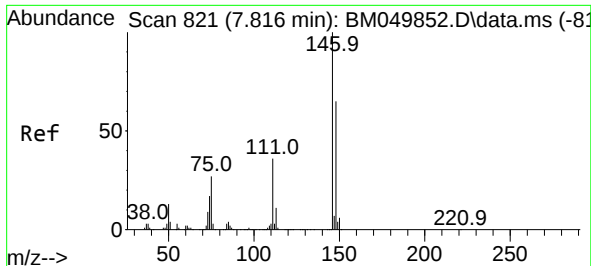
Tgt Ion: 93 Resp: 1114829
Ion Ratio Lower Upper
93 100
63 71.5 50.9 90.9
95 32.9 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 49.606 ng
RT: 7.669 min Scan# 796
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

Tgt Ion: 146 Resp: 1408845
Ion Ratio Lower Upper
146 100
148 65.4 52.5 78.7
75 26.1 22.5 33.7

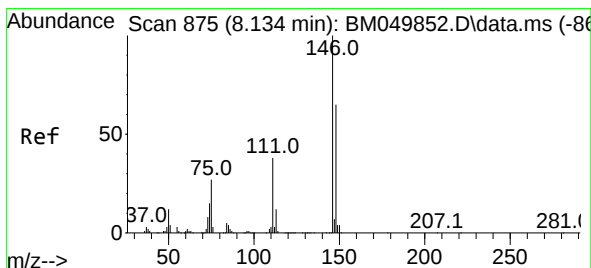
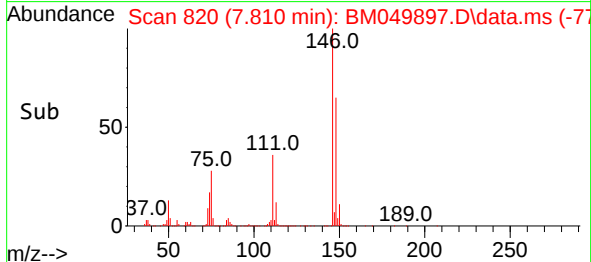
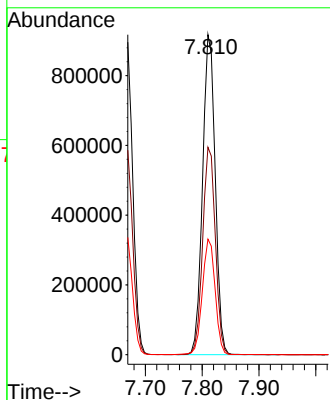
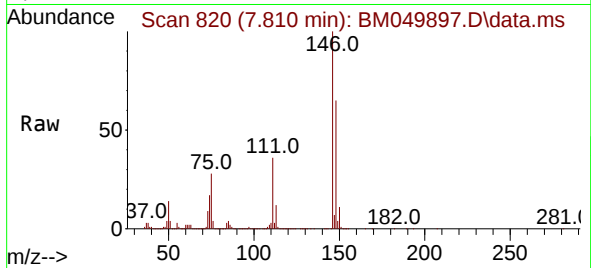




#13
1,4-Dichlorobenzene
Concen: 49.483 ng
RT: 7.810 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

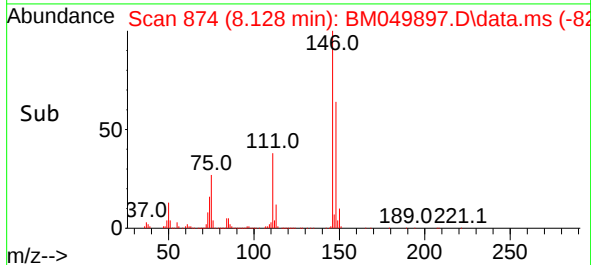
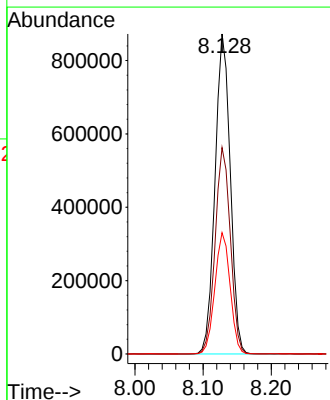
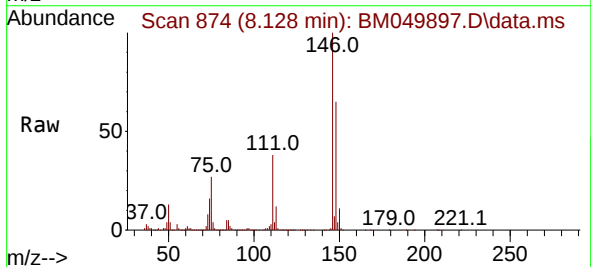
Instrument :
BNA_M
ClientSampleId :
GST3MS

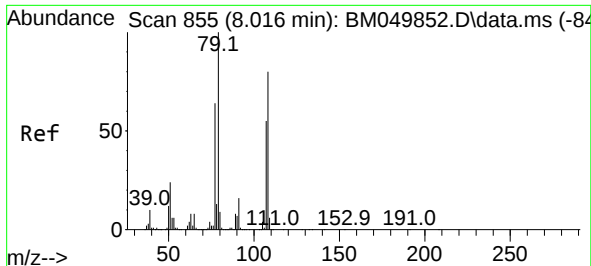
Tgt Ion:146 Resp: 1414062
Ion Ratio Lower Upper
146 100
148 64.8 52.4 78.6
111 36.1 28.5 42.7



#14
1,2-Dichlorobenzene
Concen: 50.475 ng
RT: 8.128 min Scan# 874
Delta R.T. -0.006 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

Tgt Ion:146 Resp: 1358603
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
111 37.9 30.2 45.4

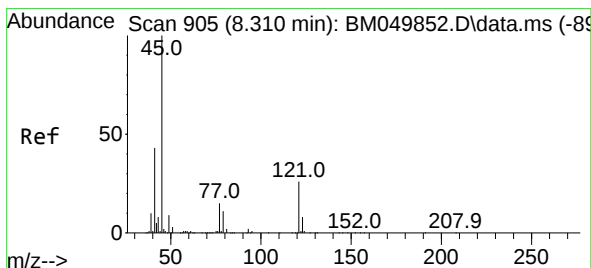
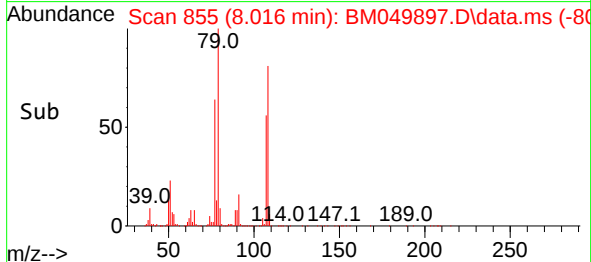
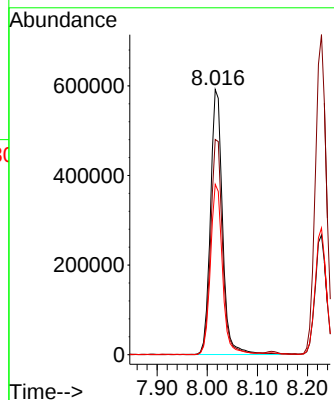
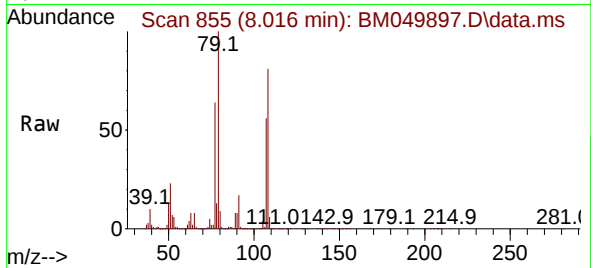




#15
Benzyl Alcohol
Concen: 53.999 ng
RT: 8.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

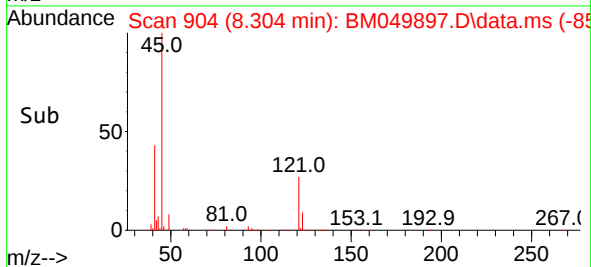
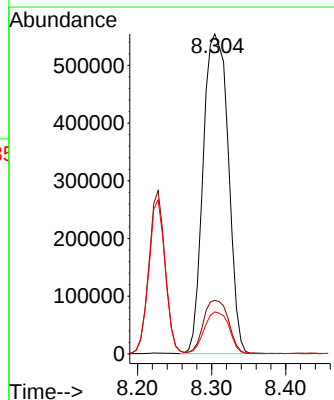
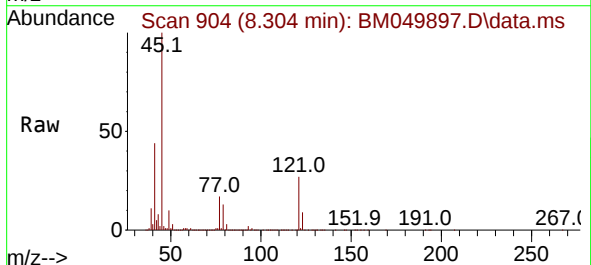
Instrument :
BNA_M
ClientSampleId :
GST3MS

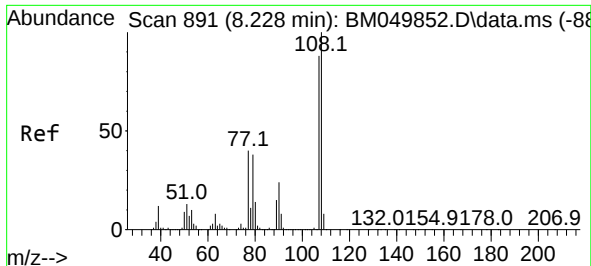
Tgt Ion: 79 Resp: 991685
Ion Ratio Lower Upper
79 100
108 81.2 63.6 95.4
77 64.3 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.340 ng
RT: 8.304 min Scan# 904
Delta R.T. -0.006 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

Tgt Ion: 45 Resp: 1302003
Ion Ratio Lower Upper
45 100
77 16.8 0.0 36.9
79 13.1 0.0 32.9



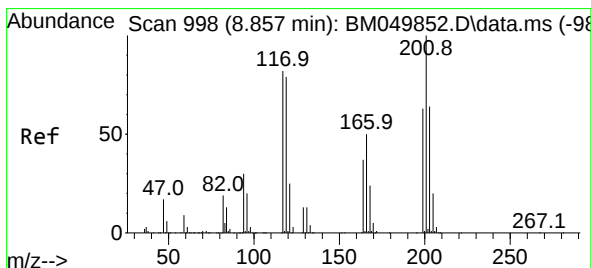
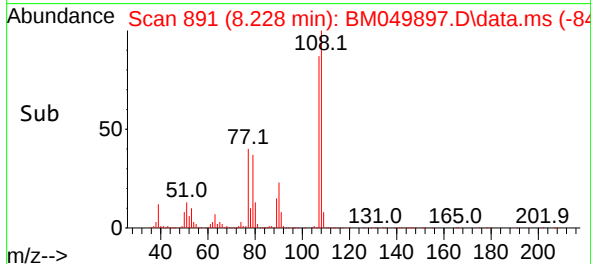
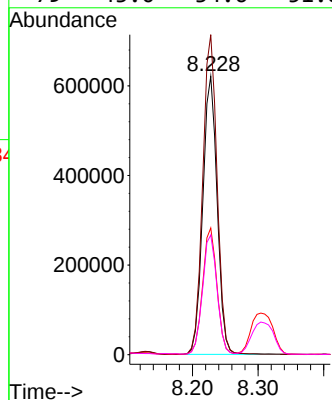
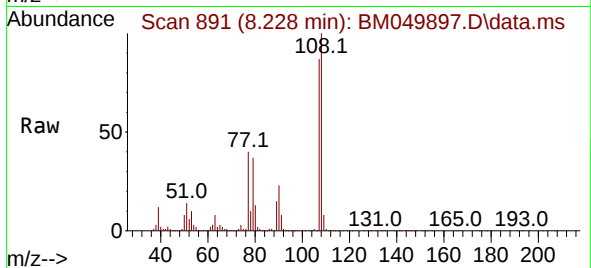


#17
2-Methylphenol
Concen: 54.024 ng
RT: 8.228 min Scan# 891
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

Instrument :
BNA_M
ClientSampleId :
GST3MS

Tgt Ion:107 Resp: 947495

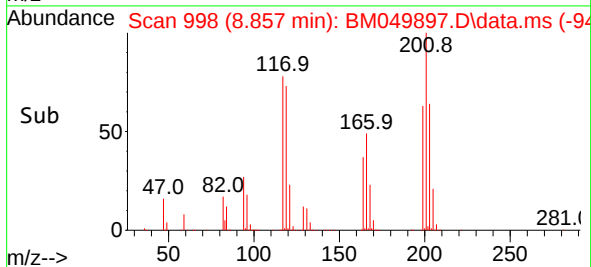
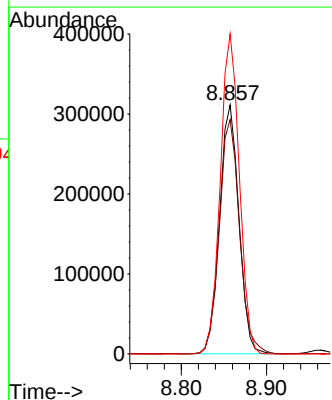
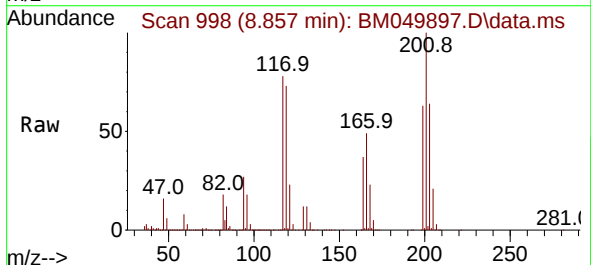
Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.0	136.6
77	45.5	36.5	54.7
79	43.0	34.6	51.8

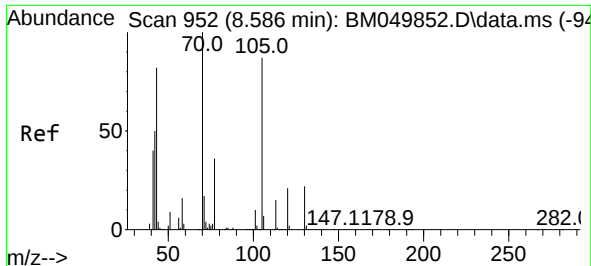


#18
Hexachloroethane
Concen: 49.351 ng
RT: 8.857 min Scan# 998
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

Tgt Ion:117 Resp: 490660

Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.5	116.3
201	128.6	97.7	146.5

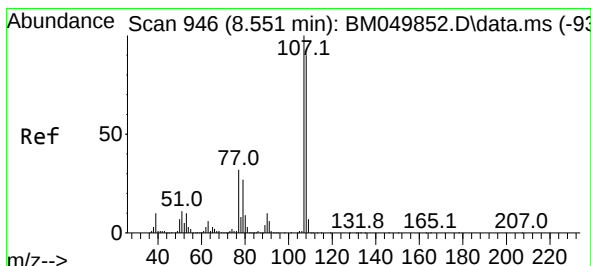
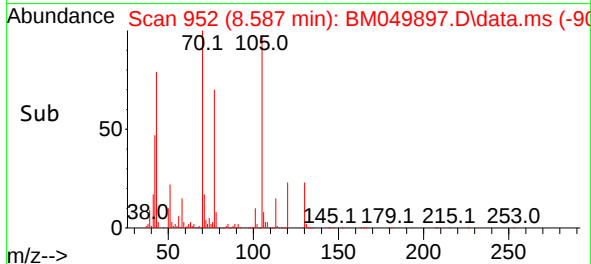
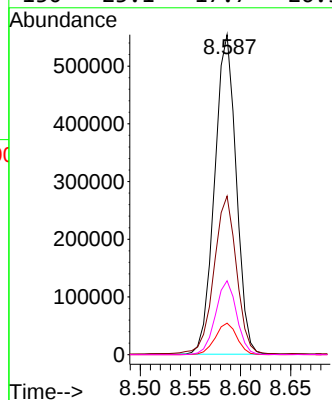
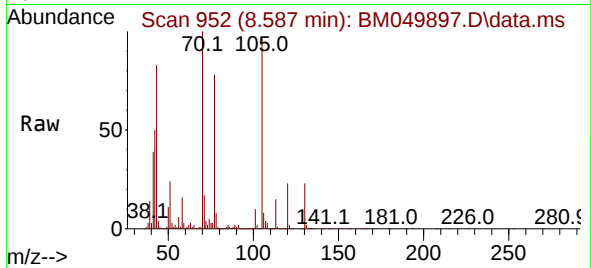




#19
n-Nitroso-di-n-propylamine
Concen: 51.248 ng
RT: 8.587 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

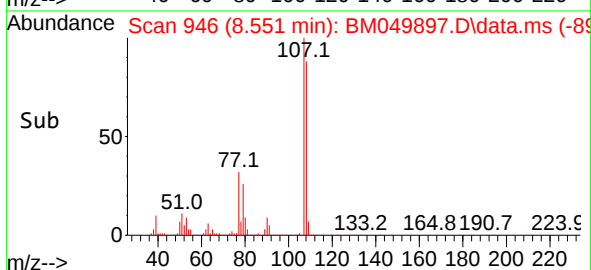
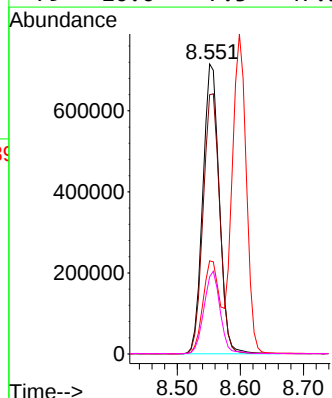
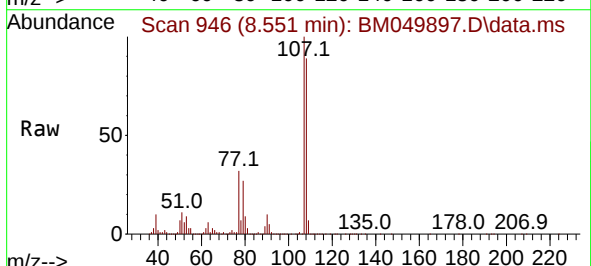
Instrument :
BNA_M
ClientSampleId :
GST3MS

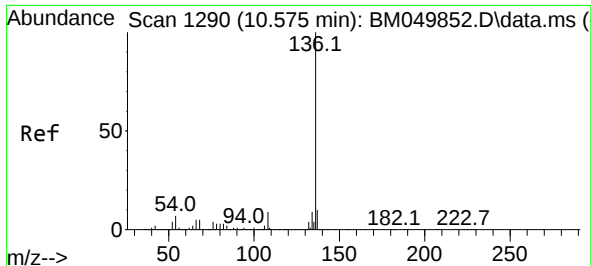
Tgt Ion: 70 Resp: 827807
Ion Ratio Lower Upper
70 100
42 49.5 40.2 60.2
101 9.9 7.9 11.9
130 23.1 17.7 26.5



#20
3+4-Methylphenols
Concen: 54.202 ng
RT: 8.551 min Scan# 946
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

Tgt Ion: 107 Resp: 1296004
Ion Ratio Lower Upper
107 100
108 89.4 69.6 109.6
77 32.1 11.7 51.7
79 26.6 7.3 47.3

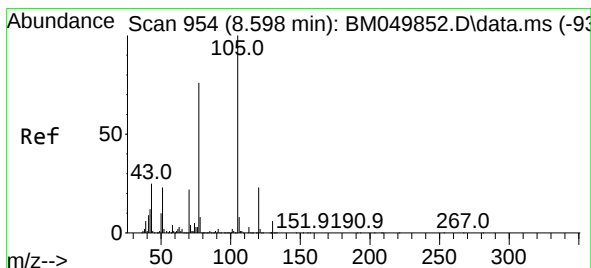
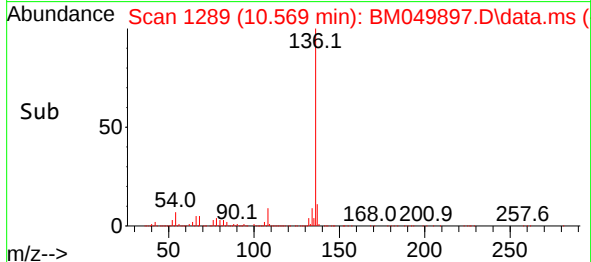
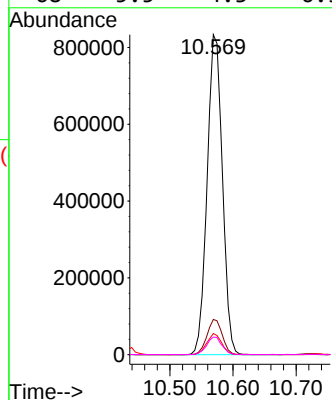
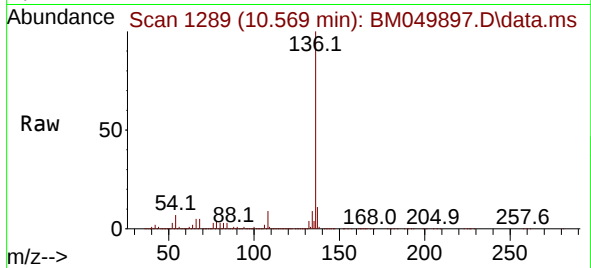




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

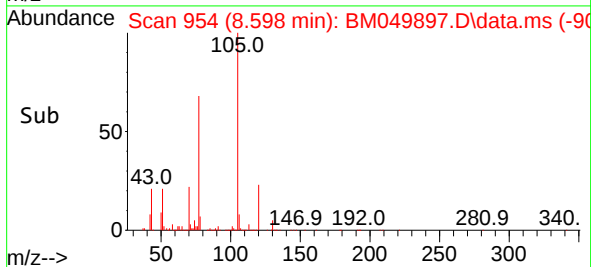
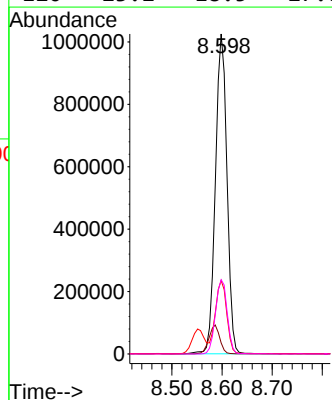
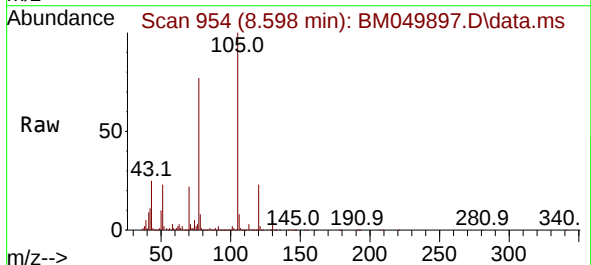
Instrument :
BNA_M
ClientSampleId :
GST3MS

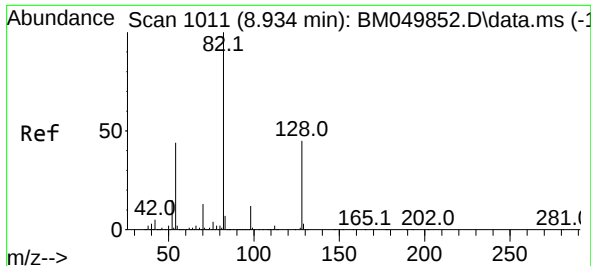
Tgt Ion:136 Resp: 1400227
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 6.6 5.3 7.9
68 5.5 4.3 6.5



#22
Acetophenone
Concen: 48.206 ng
RT: 8.598 min Scan# 954
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

Tgt Ion:105 Resp: 1640443
Ion Ratio Lower Upper
105 100
71 3.5 3.0 4.4
51 22.9 18.6 27.8
120 23.2 18.5 27.7



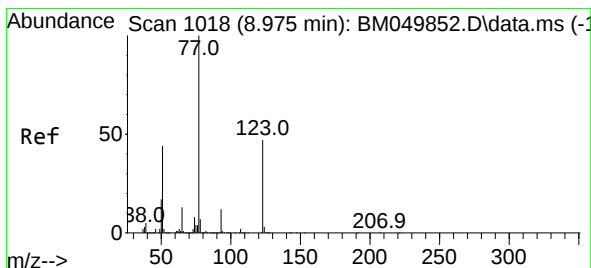
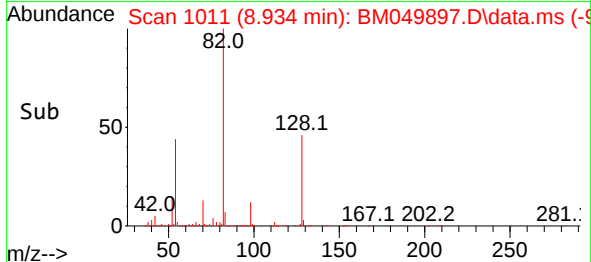
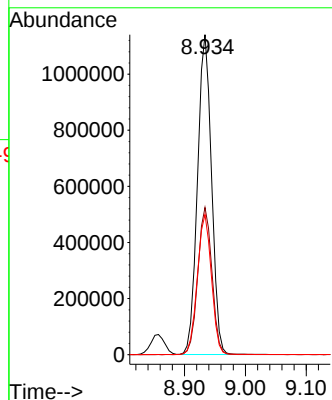
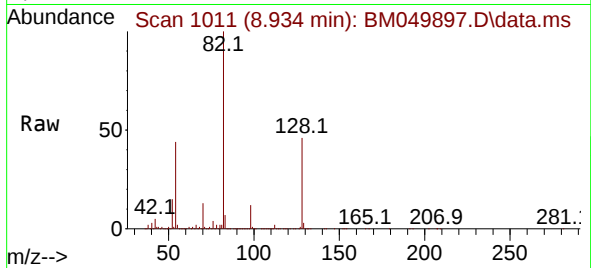


#23
Nitrobenzene-d5
Concen: 72.634 ng
RT: 8.934 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

Instrument :
BNA_M
ClientSampleId :
GST3MS

Tgt Ion: 82 Resp: 1826404

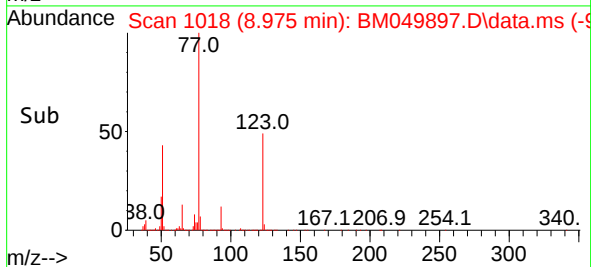
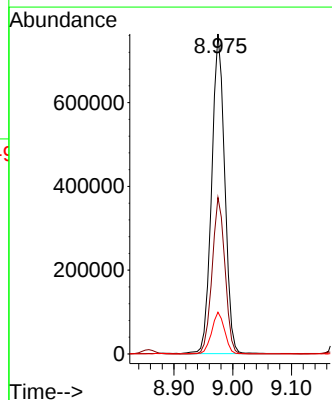
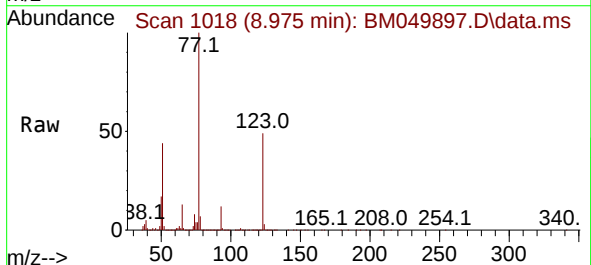
Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.2	54.2
54	43.8	35.0	52.6

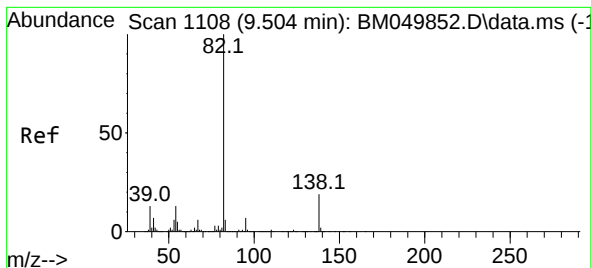


#24
Nitrobenzene
Concen: 48.666 ng
RT: 8.975 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

Tgt Ion: 77 Resp: 1178336

Ion	Ratio	Lower	Upper
77	100		
123	48.9	37.4	56.2
65	13.1	10.1	15.1





#25

Isophorone

Concen: 54.110 ng

RT: 9.504 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BM049897.D

Acq: 11 Apr 2025 12:20

Instrument :

BNA_M

ClientSampleId :

GST3MS

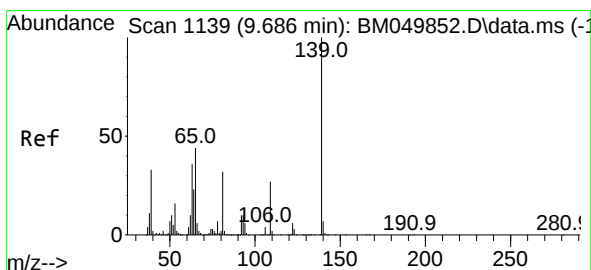
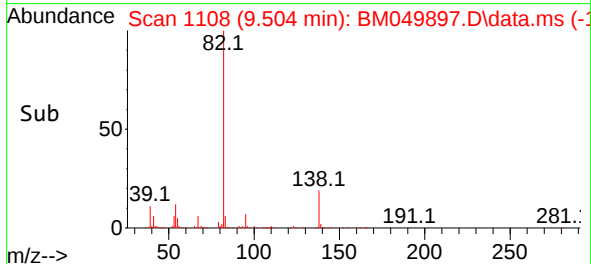
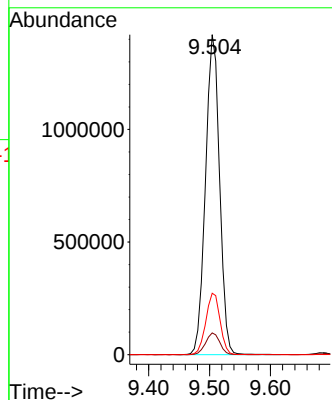
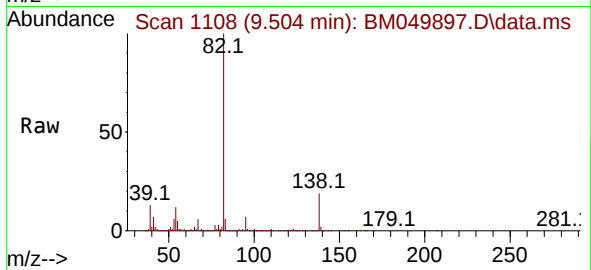
Tgt Ion: 82 Resp: 2279301

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 19.2 15.0 22.6



#26

2-Nitrophenol

Concen: 51.415 ng

RT: 9.686 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BM049897.D

Acq: 11 Apr 2025 12:20

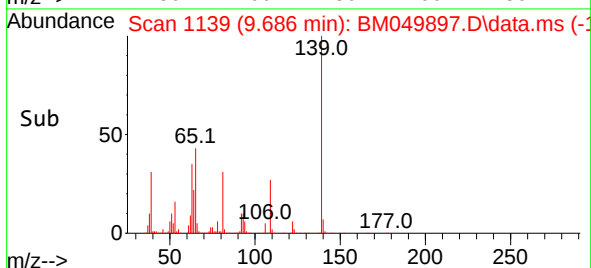
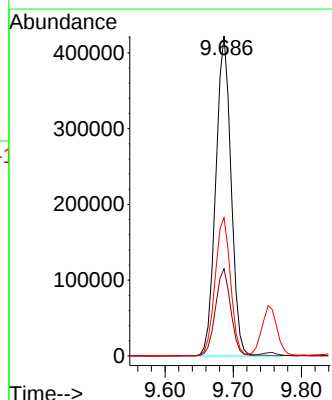
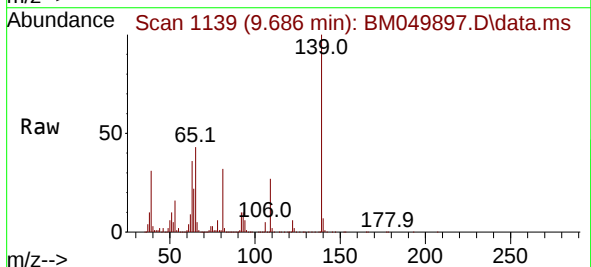
Tgt Ion:139 Resp: 659816

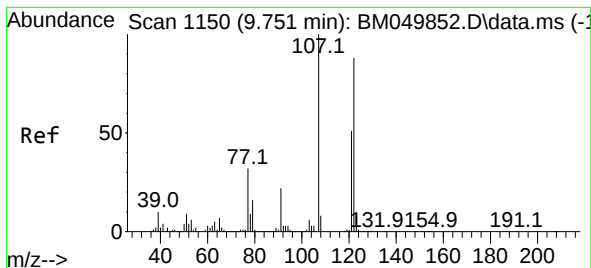
Ion Ratio Lower Upper

139 100

109 27.3 21.7 32.5

65 43.2 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 74.353 ng

RT: 9.751 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BM049897.D

Acq: 11 Apr 2025 12:20

Instrument :

BNA_M

ClientSampleId :

GST3MS

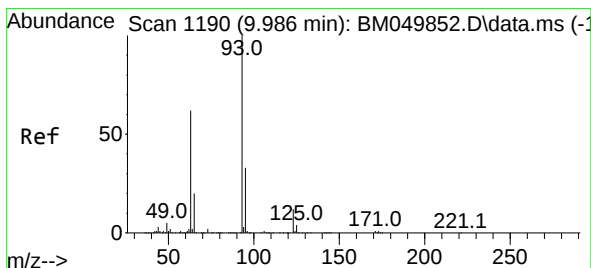
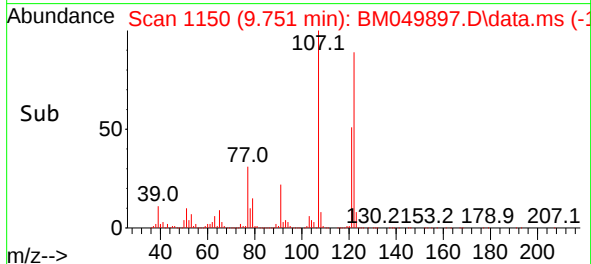
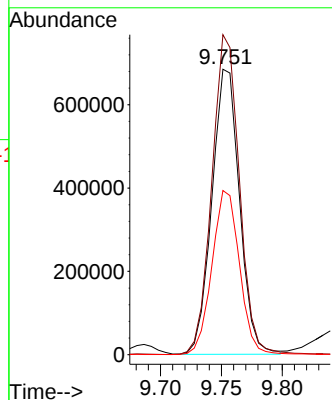
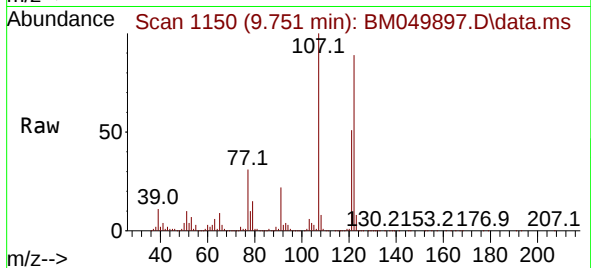
Tgt Ion:122 Resp: 1081365

Ion Ratio Lower Upper

122 100

107 112.1 90.3 135.5

121 57.5 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 50.575 ng

RT: 9.981 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BM049897.D

Acq: 11 Apr 2025 12:20

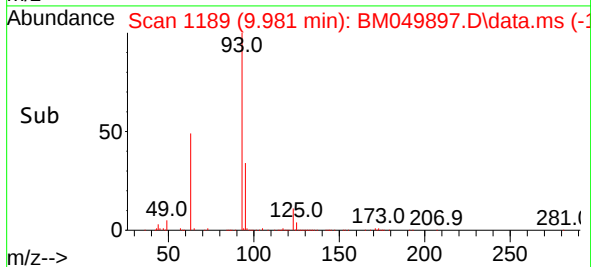
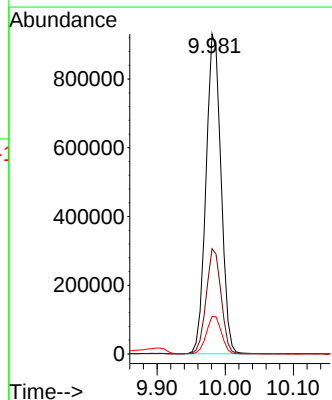
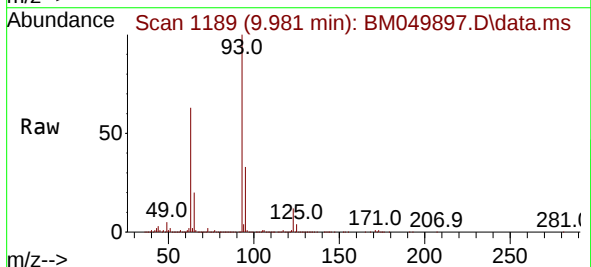
Tgt Ion: 93 Resp: 1426247

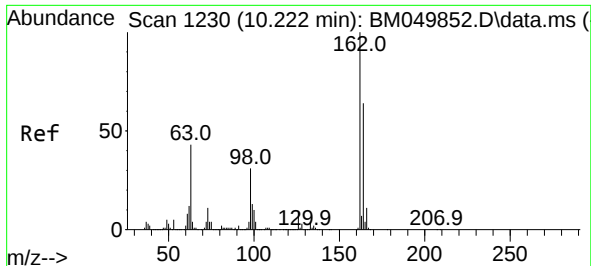
Ion Ratio Lower Upper

93 100

95 32.9 26.6 40.0

123 11.7 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 52.040 ng

RT: 10.228 min Scan# 1230

Delta R.T. 0.006 min

Lab File: BM049897.D

Acq: 11 Apr 2025 12:20

Instrument :

BNA_M

ClientSampleId :

GST3MS

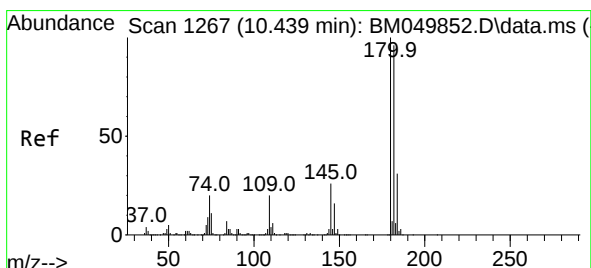
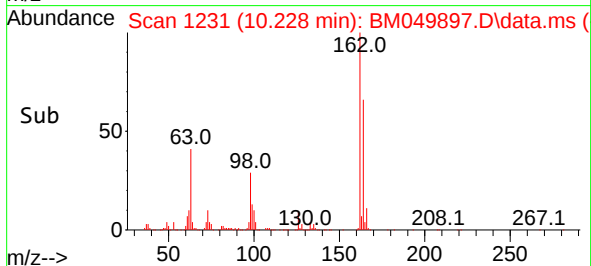
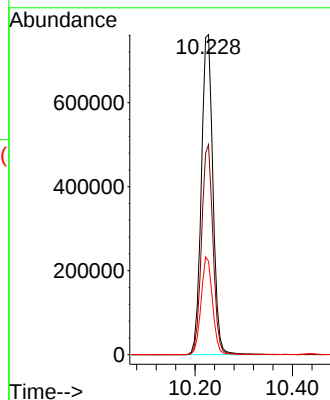
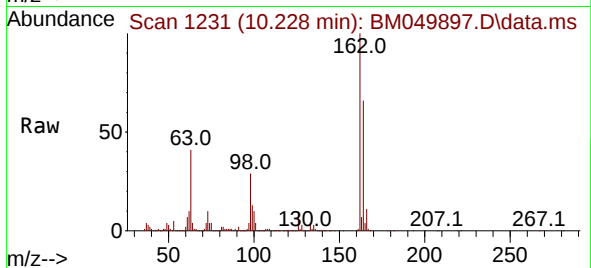
Tgt Ion:162 Resp: 1258087

Ion Ratio Lower Upper

162 100

164 65.7 44.3 84.3

98 29.2 10.9 50.9



#30

1,2,4-Trichlorobenzene

Concen: 49.124 ng

RT: 10.433 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BM049897.D

Acq: 11 Apr 2025 12:20

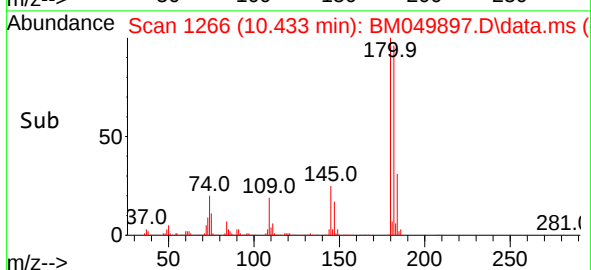
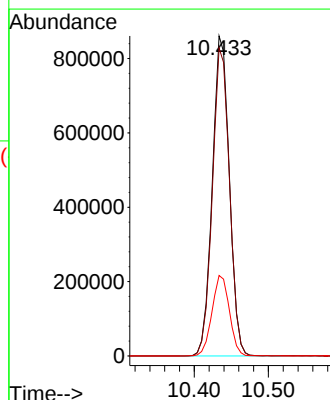
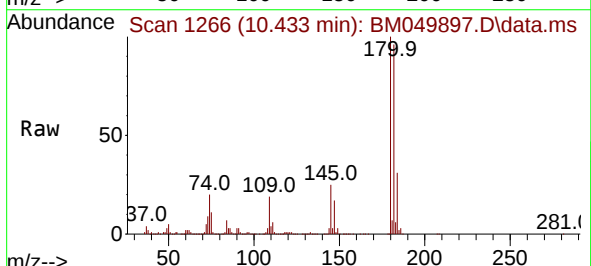
Tgt Ion:180 Resp: 1373870

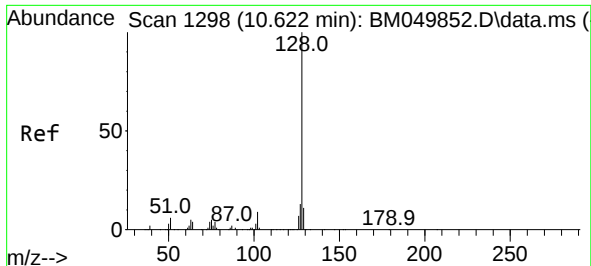
Ion Ratio Lower Upper

180 100

182 96.2 76.7 115.1

145 25.2 20.8 31.2

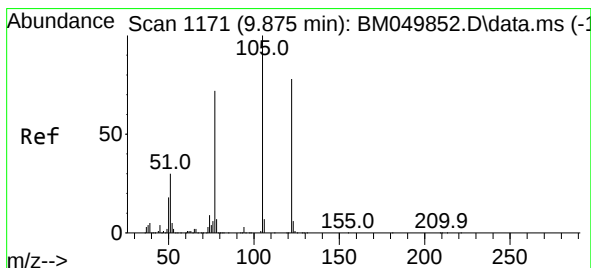
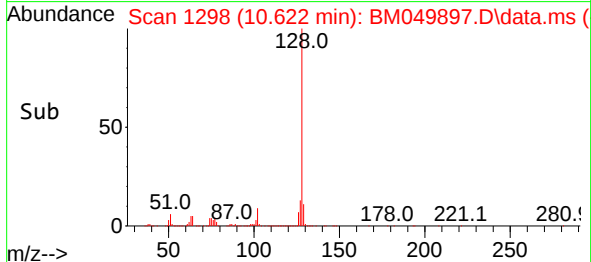
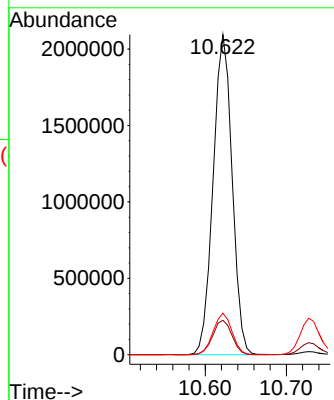
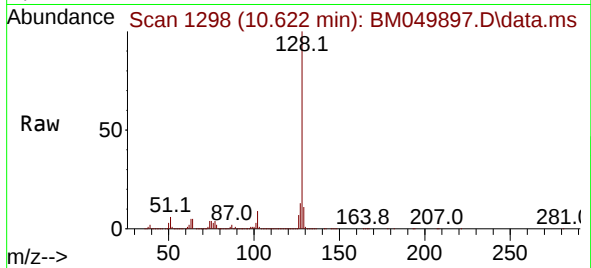




#31
Naphthalene
Concen: 47.237 ng
RT: 10.622 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

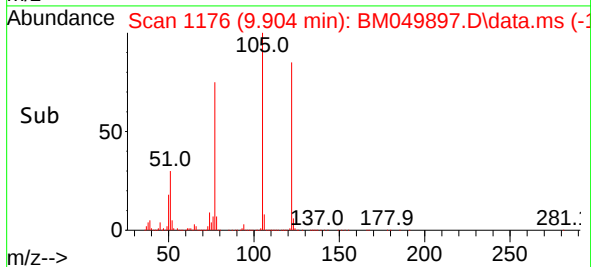
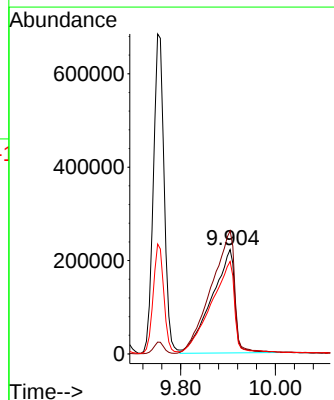
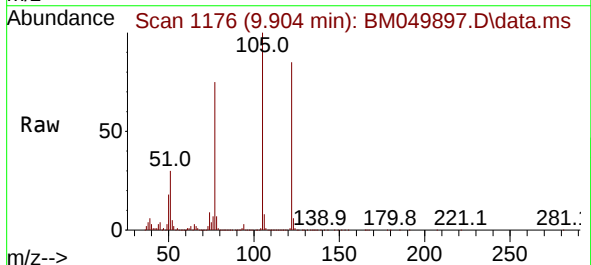
Instrument :
BNA_M
ClientSampleId :
GST3MS

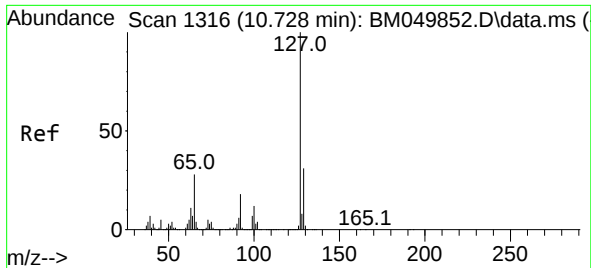
Tgt Ion:128 Resp: 3398694
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.0 10.6 15.8



#32
Benzoic acid
Concen: 42.857 ng
RT: 9.904 min Scan# 1176
Delta R.T. 0.029 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

Tgt Ion:122 Resp: 752521
Ion Ratio Lower Upper
122 100
105 118.1 103.8 143.8
77 88.6 70.7 110.7

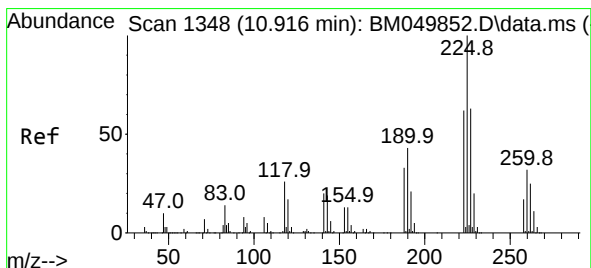
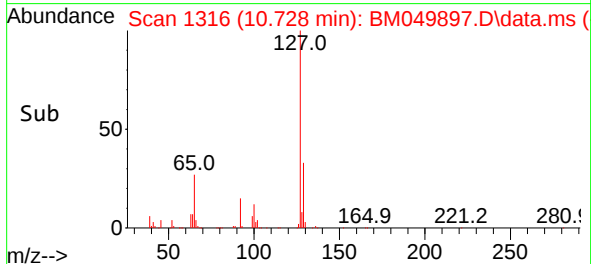
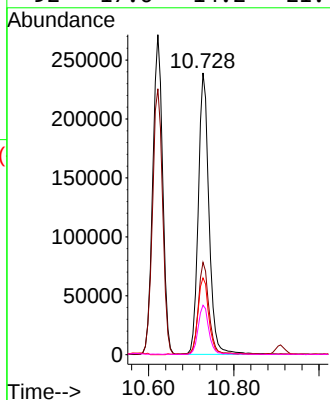
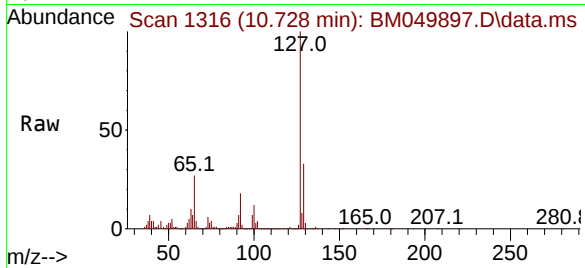




#33
4-Chloroaniline
Concen: 16.370 ng
RT: 10.728 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

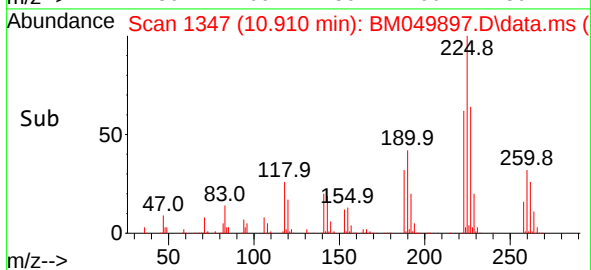
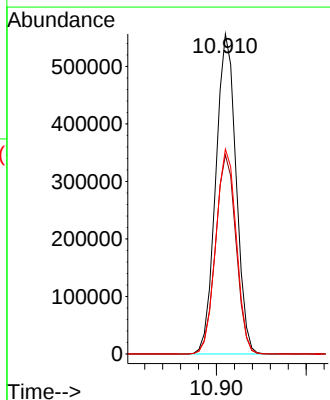
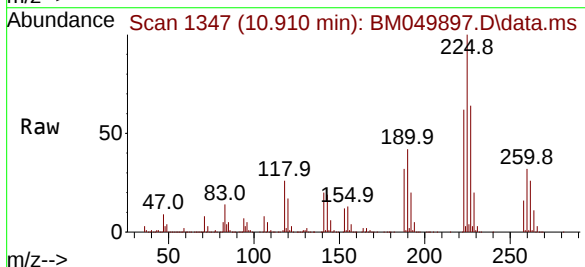
Instrument :
BNA_M
ClientSampleId :
GST3MS

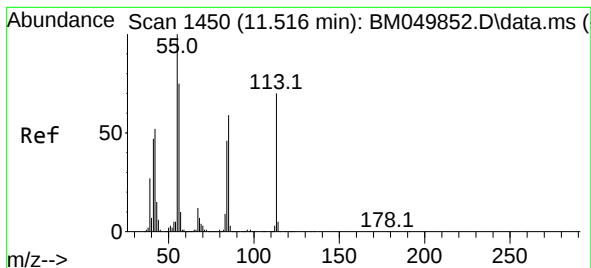
Tgt Ion:	127	Resp:	415897
Ion	Ratio	Lower	Upper
127	100		
129	32.8	24.9	37.3
65	27.3	22.4	33.6
92	17.6	14.2	21.4



#34
Hexachlorobutadiene
Concen: 50.428 ng
RT: 10.910 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

Tgt Ion:	225	Resp:	872371
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.4	74.2
227	64.0	50.1	75.1

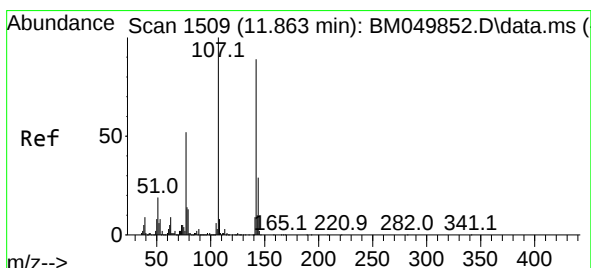
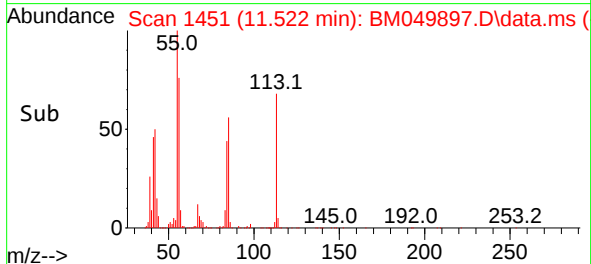
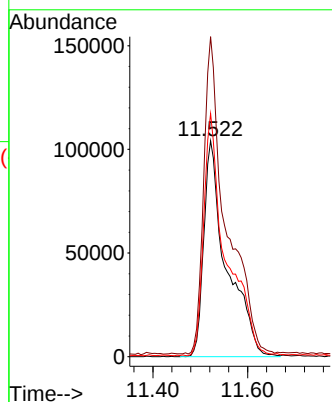
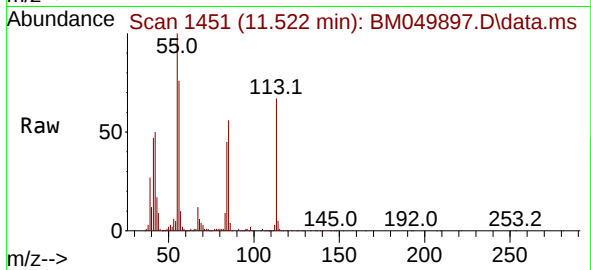




#35
 Caprolactam
 Concen: 50.164 ng
 RT: 11.522 min Scan# 1451
 Delta R.T. 0.006 min
 Lab File: BM049897.D
 Acq: 11 Apr 2025 12:20

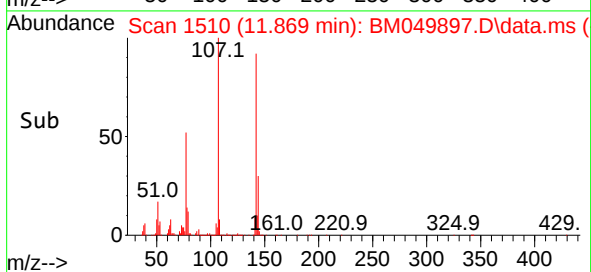
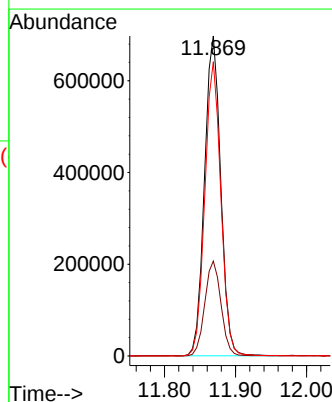
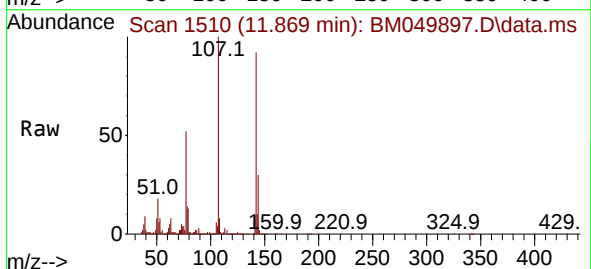
Instrument :
 BNA_M
 ClientSampleId :
 GST3MS

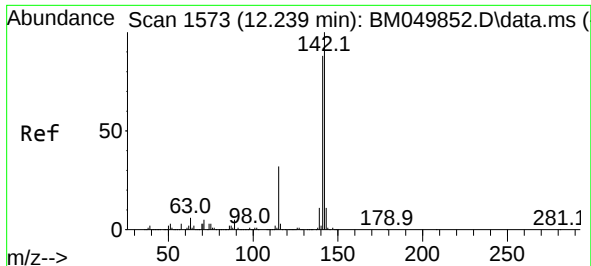
Tgt Ion:113 Resp: 347822
 Ion Ratio Lower Upper
 113 100
 55 148.3 124.3 164.3
 56 112.6 87.5 127.5



#36
 4-Chloro-3-methylphenol
 Concen: 52.374 ng
 RT: 11.869 min Scan# 1510
 Delta R.T. 0.006 min
 Lab File: BM049897.D
 Acq: 11 Apr 2025 12:20

Tgt Ion:107 Resp: 1109094
 Ion Ratio Lower Upper
 107 100
 144 29.6 23.6 35.4
 142 92.0 71.4 107.0

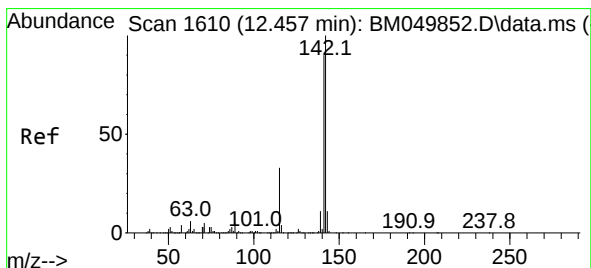
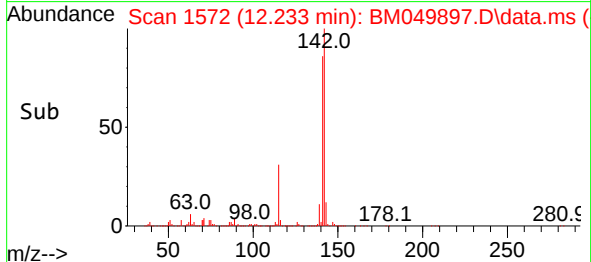
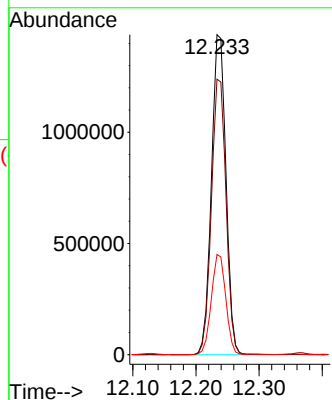
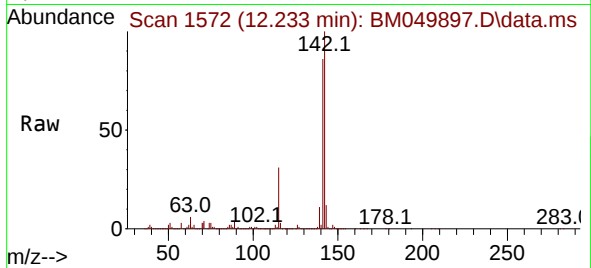




#37
2-Methylnaphthalene
Concen: 45.186 ng
RT: 12.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

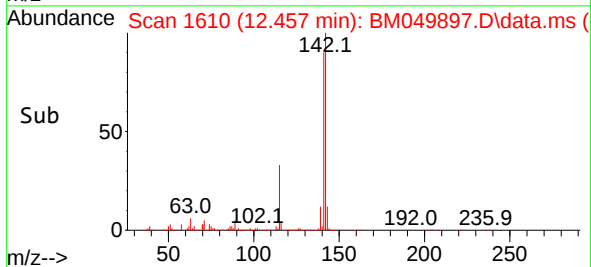
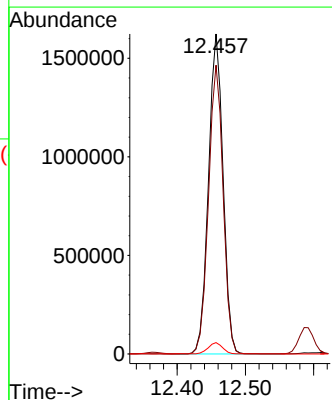
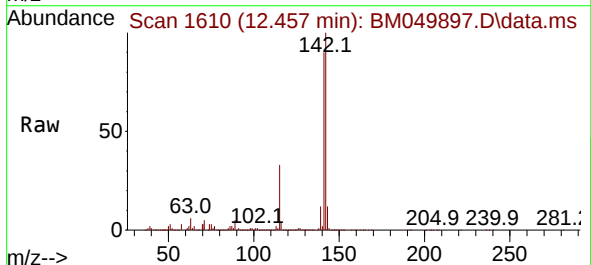
Instrument :
BNA_M
ClientSampleId :
GST3MS

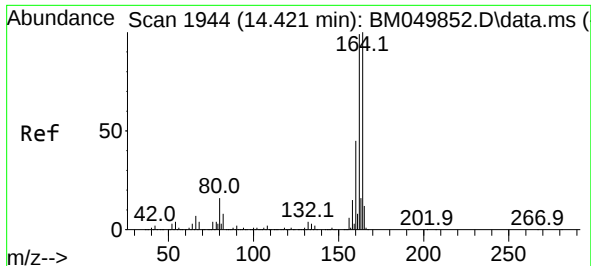
Tgt Ion:142 Resp: 2290574
Ion Ratio Lower Upper
142 100
141 86.1 70.2 105.2
115 31.3 25.4 38.2



#38
1-Methylnaphthalene
Concen: 48.815 ng
RT: 12.457 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

Tgt Ion:142 Resp: 2410802
Ion Ratio Lower Upper
142 100
141 90.3 72.2 108.2
116 3.5 2.9 4.3

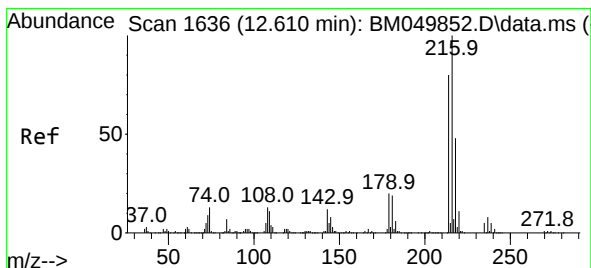
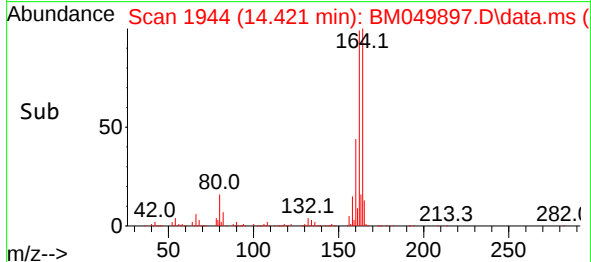
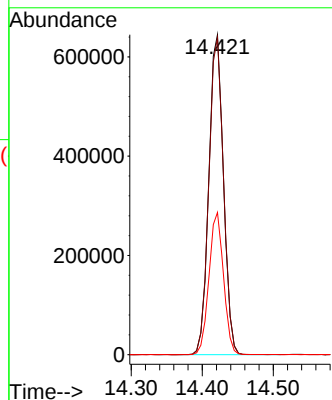
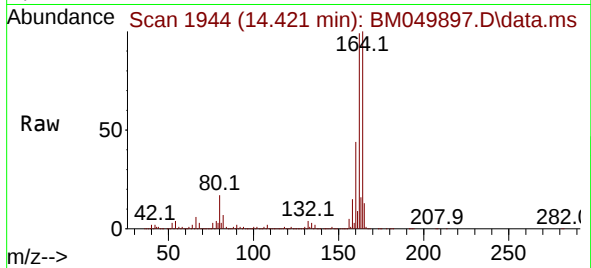




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.421 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

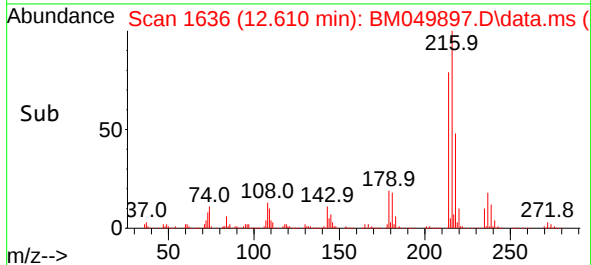
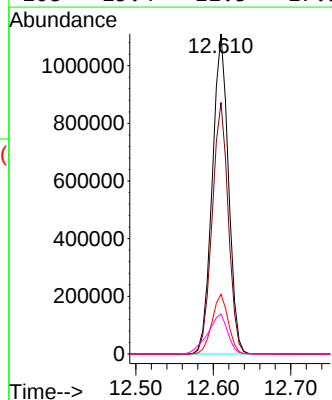
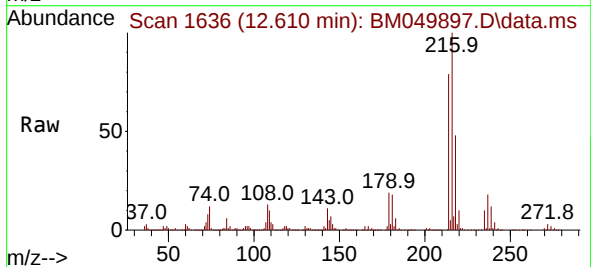
Instrument :
BNA_M
ClientSampleId :
GST3MS

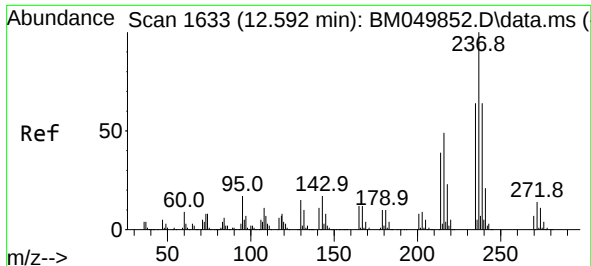
Tgt Ion:164 Resp: 921596
Ion Ratio Lower Upper
164 100
162 99.2 79.4 119.0
160 44.5 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.054 ng
RT: 12.610 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

Tgt Ion:216 Resp: 1613836
Ion Ratio Lower Upper
216 100
214 78.3 63.2 94.8
179 18.6 15.8 23.6
108 15.4 11.5 17.3

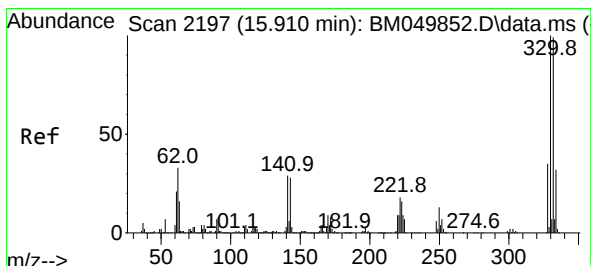
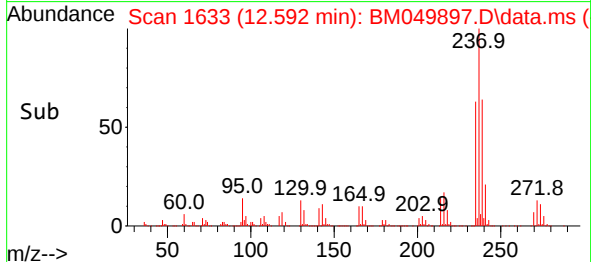
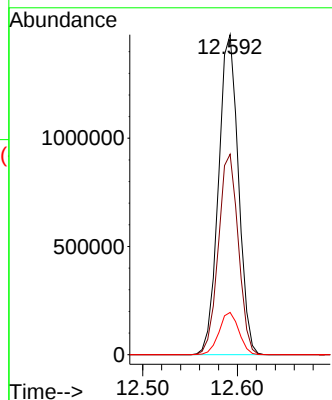
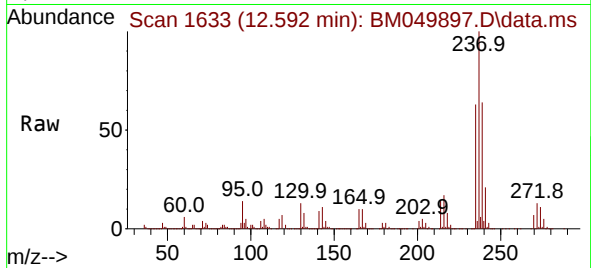




#41
Hexachlorocyclopentadiene
Concen: 191.075 ng
RT: 12.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

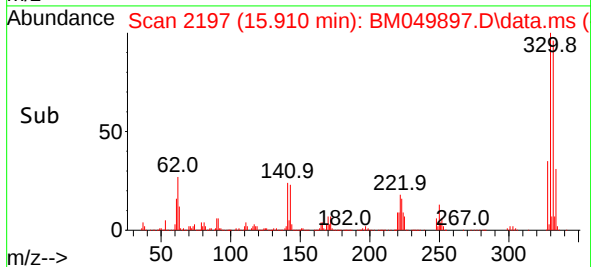
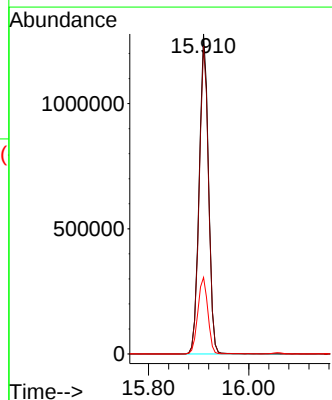
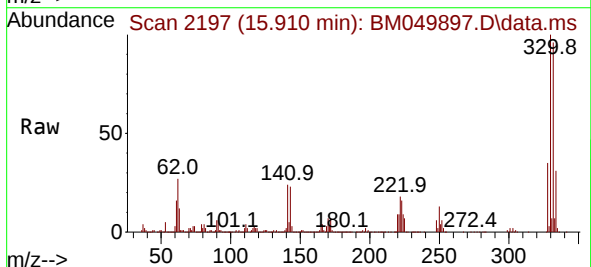
Instrument :
BNA_M
ClientSampleId :
GST3MS

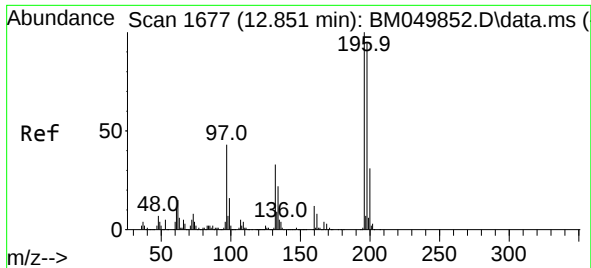
Tgt Ion:237 Resp: 2158702
Ion Ratio Lower Upper
237 100
235 62.7 43.7 83.7
272 13.2 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 122.313 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

Tgt Ion:330 Resp: 1639606
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 25.7 23.5 35.3

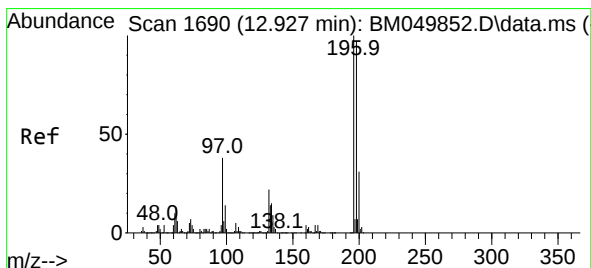
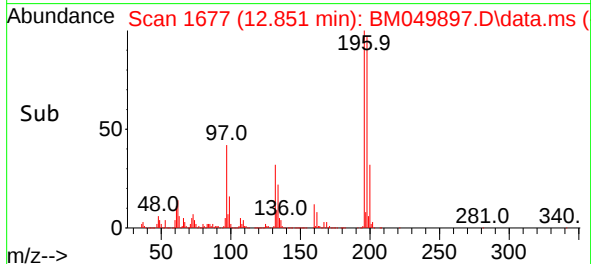
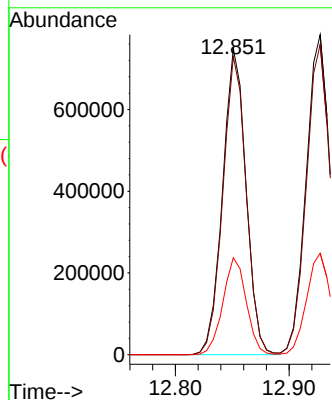
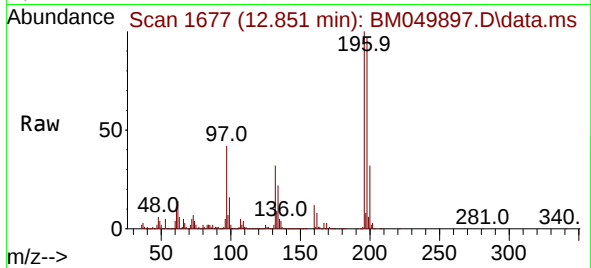




#43
2,4,6-Trichlorophenol
Concen: 52.401 ng
RT: 12.851 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

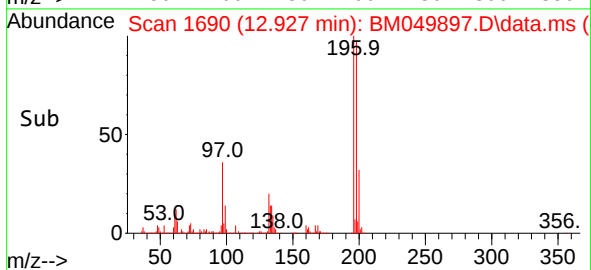
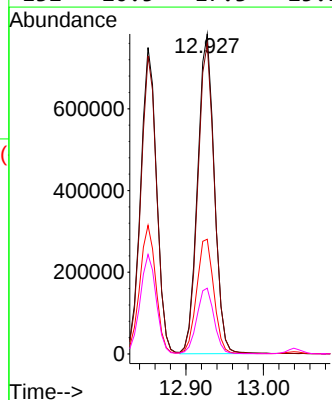
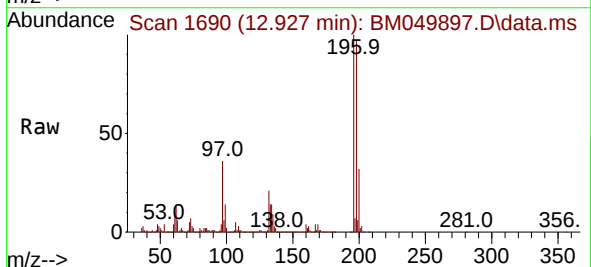
Instrument :
BNA_M
ClientSampleId :
GST3MS

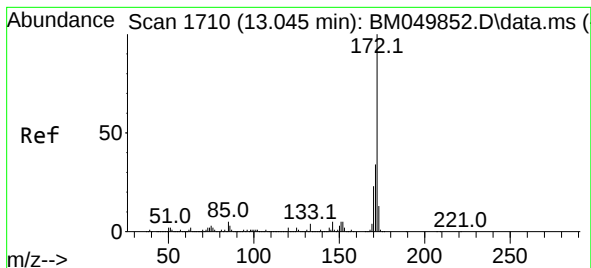
Tgt Ion:196 Resp: 1075090
Ion Ratio Lower Upper
196 100
198 97.3 76.1 114.1
200 31.7 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 52.484 ng
RT: 12.927 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

Tgt Ion:196 Resp: 1170147
Ion Ratio Lower Upper
196 100
198 96.9 77.7 116.5
97 35.9 30.3 45.5
132 20.5 17.3 25.9





#45

2-Fluorobiphenyl

Concen: 72.747 ng

RT: 13.039 min Scan# 1709

Delta R.T. -0.006 min

Lab File: BM049897.D

Acq: 11 Apr 2025 12:20

Instrument :

BNA_M

ClientSampleId :

GST3MS

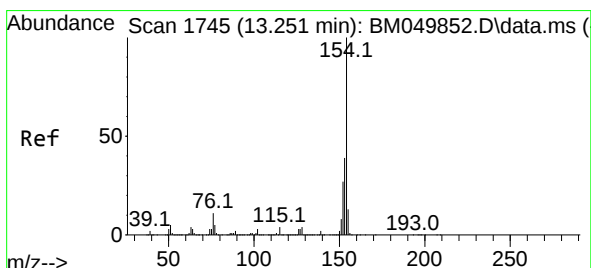
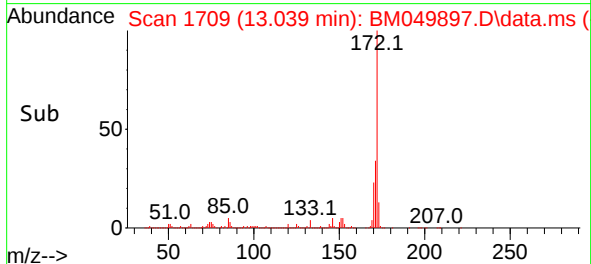
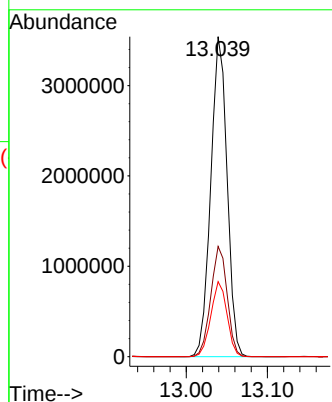
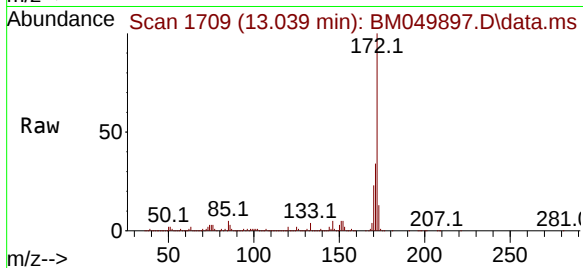
Tgt Ion:172 Resp: 4944152

Ion Ratio Lower Upper

172 100

171 34.4 27.4 41.2

170 23.5 18.6 28.0



#46

1,1'-Biphenyl

Concen: 49.092 ng

RT: 13.251 min Scan# 1745

Delta R.T. 0.000 min

Lab File: BM049897.D

Acq: 11 Apr 2025 12:20

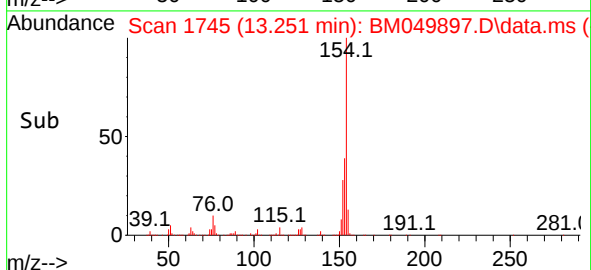
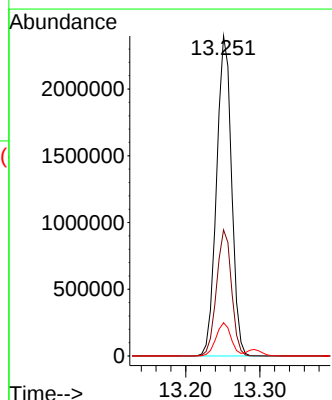
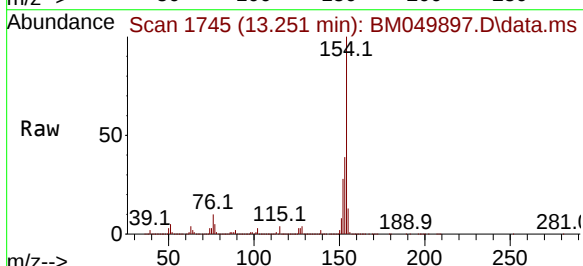
Tgt Ion:154 Resp: 3363229

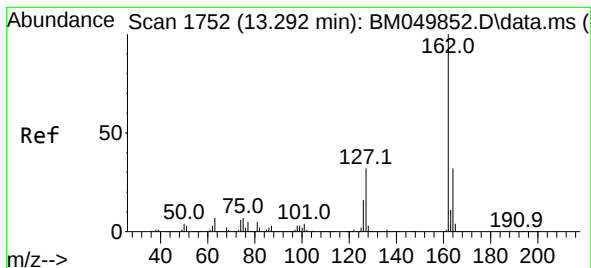
Ion Ratio Lower Upper

154 100

153 39.4 19.3 59.3

76 10.4 0.0 30.7





#47

2-Chloronaphthalene

Concen: 49.101 ng

RT: 13.292 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049897.D

Acq: 11 Apr 2025 12:20

Instrument :

BNA_M

ClientSampleId :

GST3MS

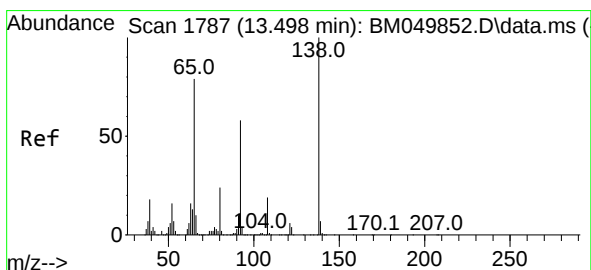
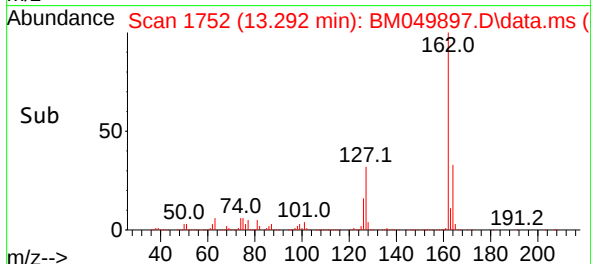
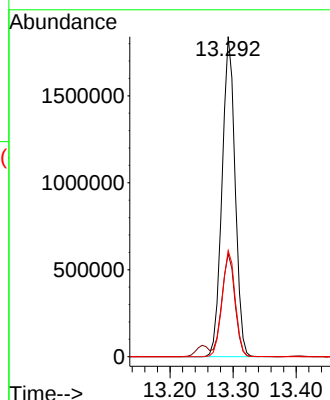
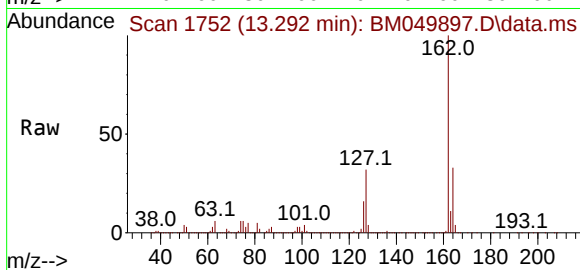
Tgt Ion:162 Resp: 2643920

Ion Ratio Lower Upper

162 100

127 32.2 26.0 39.0

164 33.2 25.9 38.9



#48

2-Nitroaniline

Concen: 51.696 ng

RT: 13.498 min Scan# 1787

Delta R.T. 0.000 min

Lab File: BM049897.D

Acq: 11 Apr 2025 12:20

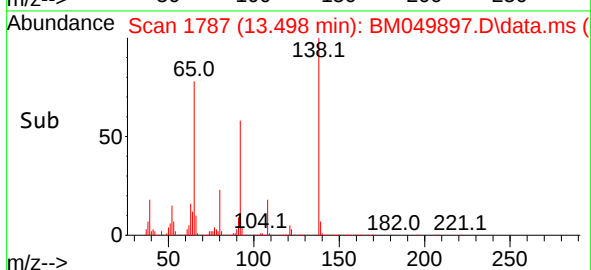
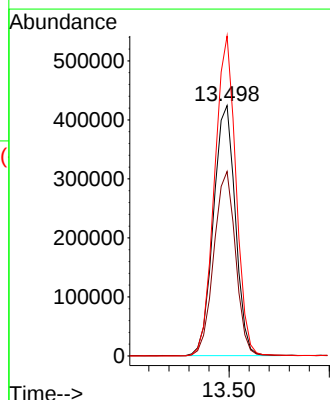
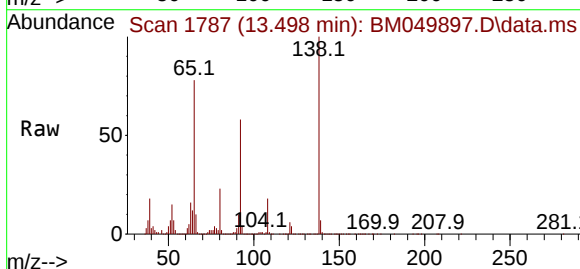
Tgt Ion: 65 Resp: 643988

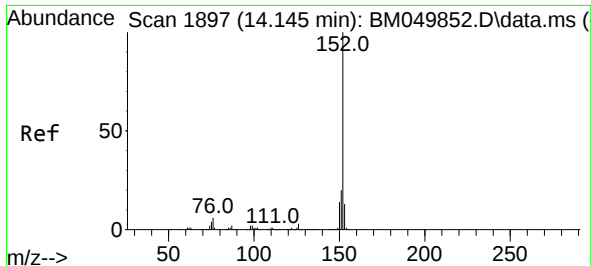
Ion Ratio Lower Upper

65 100

92 73.7 58.4 87.6

138 127.8 100.8 151.2

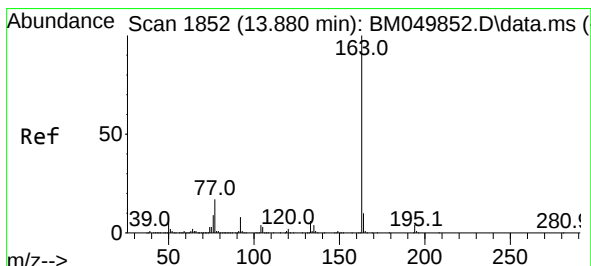
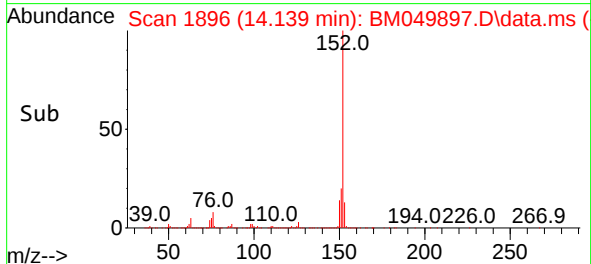
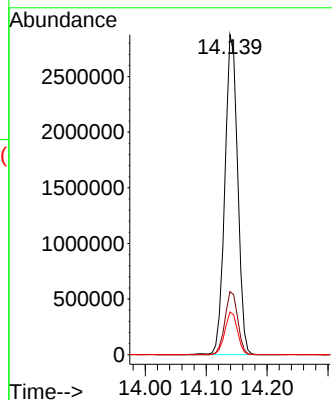
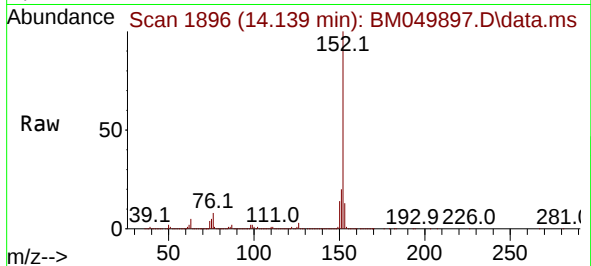




#49
Acenaphthylene
Concen: 53.517 ng
RT: 14.139 min Scan# 1896
Delta R.T. -0.006 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

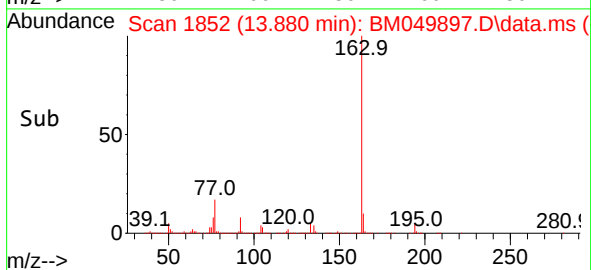
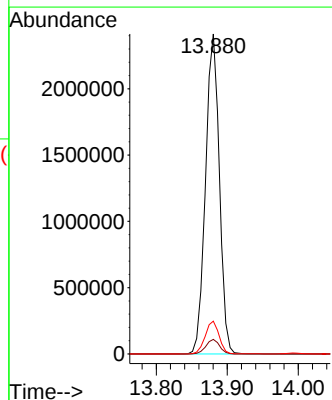
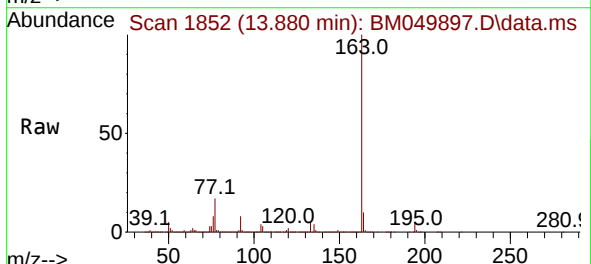
Instrument :
BNA_M
ClientSampleId :
GST3MS

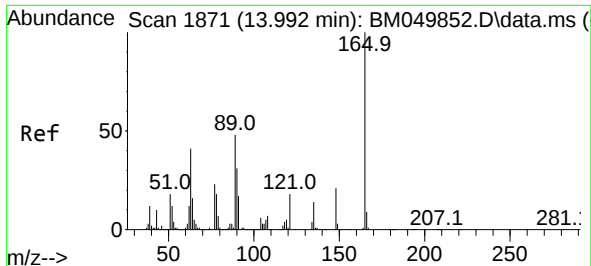
Tgt Ion:152 Resp: 4197613
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.4 10.4 15.6



#50
Dimethylphthalate
Concen: 50.347 ng
RT: 13.880 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

Tgt Ion:163 Resp: 3273425
Ion Ratio Lower Upper
163 100
194 4.6 3.5 5.3
164 10.2 7.9 11.9

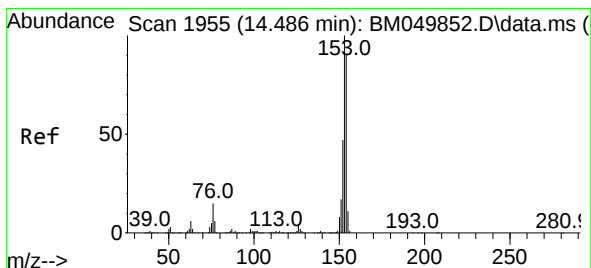
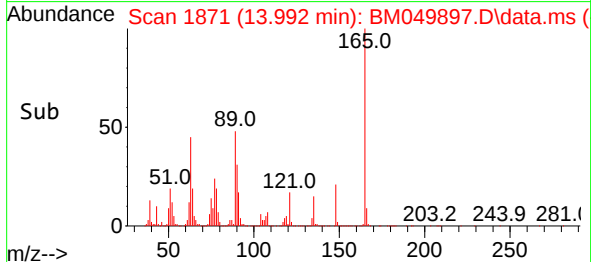
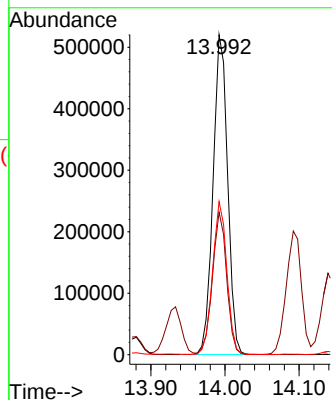
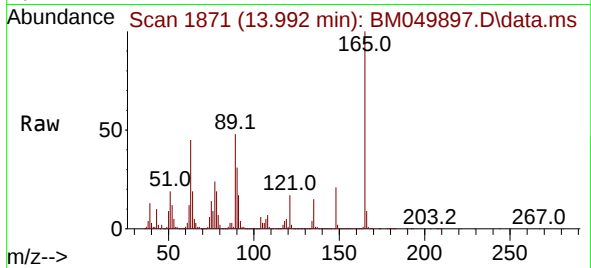




#51
2,6-Dinitrotoluene
Concen: 52.035 ng
RT: 13.992 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

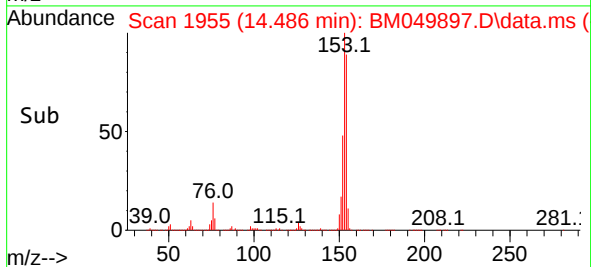
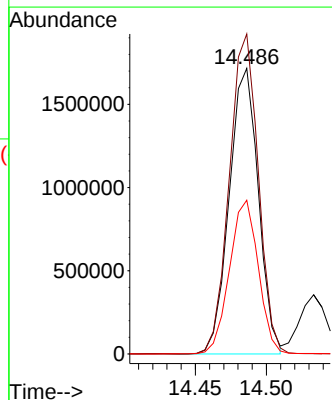
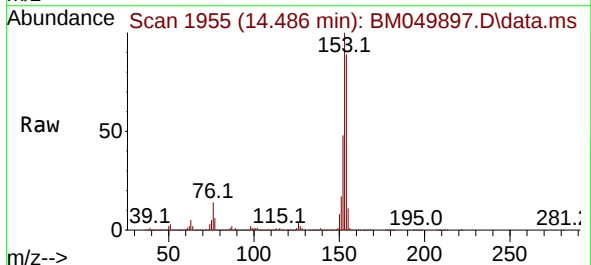
Instrument :
BNA_M
ClientSampleId :
GST3MS

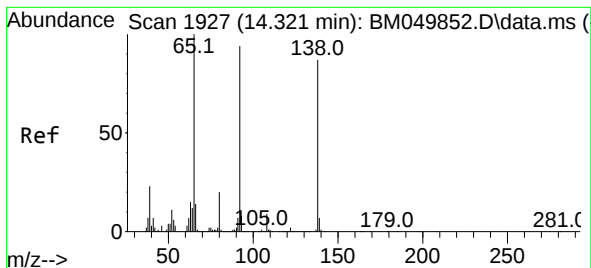
Tgt Ion:165 Resp: 708816
Ion Ratio Lower Upper
165 100
63 44.6 36.1 54.1
89 47.8 38.3 57.5



#52
Acenaphthene
Concen: 49.122 ng
RT: 14.486 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

Tgt Ion:154 Resp: 2450799
Ion Ratio Lower Upper
154 100
153 112.1 89.3 133.9
152 53.8 42.2 63.2

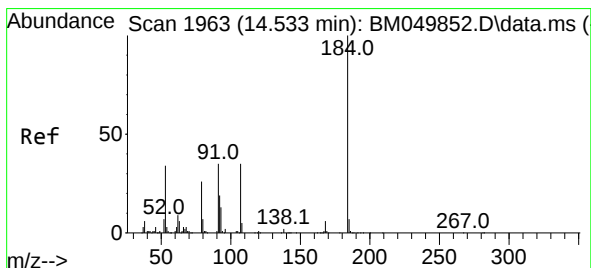
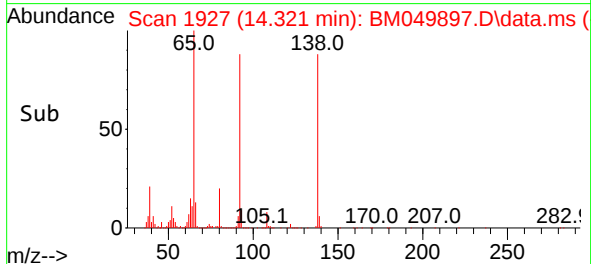
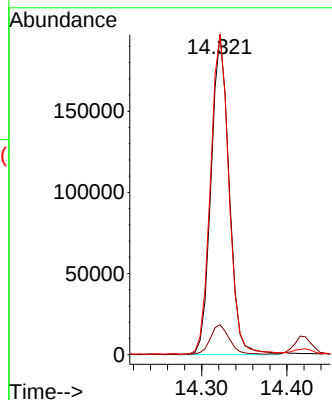
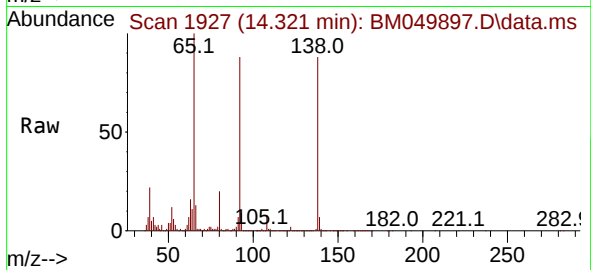




#53
3-Nitroaniline
Concen: 22.083 ng
RT: 14.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

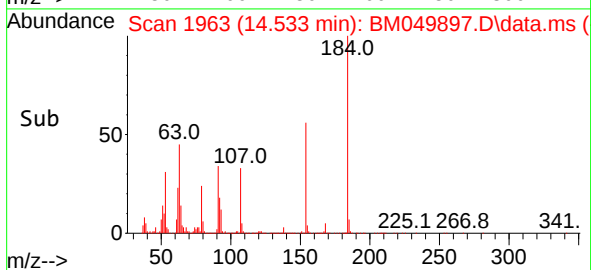
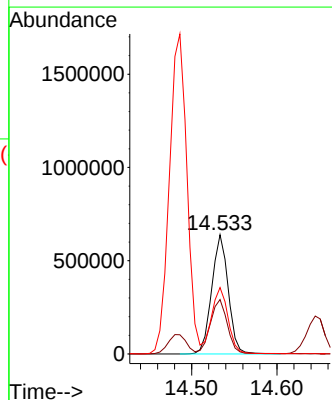
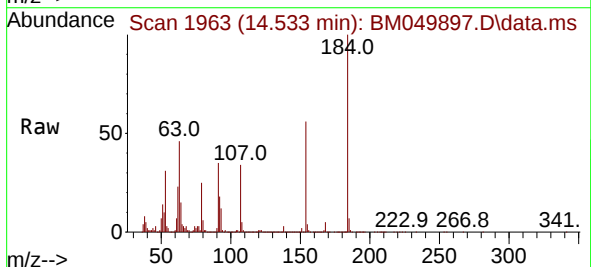
Instrument :
BNA_M
ClientSampleId :
GST3MS

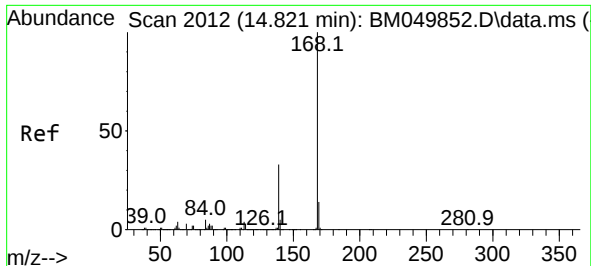
Tgt Ion:138 Resp: 290745
Ion Ratio Lower Upper
138 100
108 9.4 8.1 12.1
92 99.7 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 86.760 ng
RT: 14.533 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

Tgt Ion:184 Resp: 862493
Ion Ratio Lower Upper
184 100
63 45.6 38.4 57.6
154 55.6 48.1 72.1

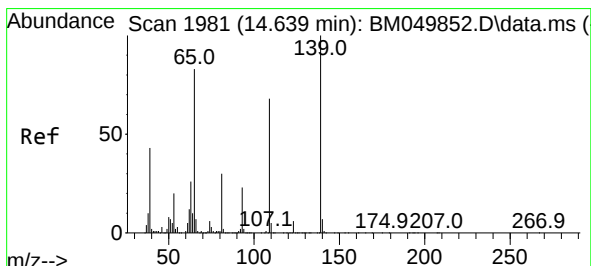
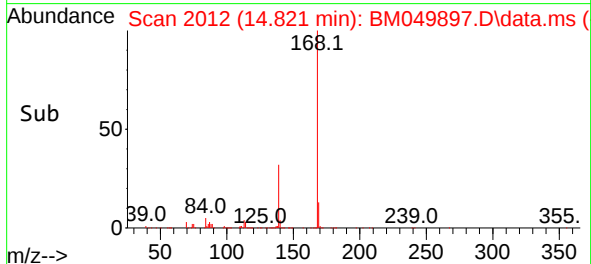
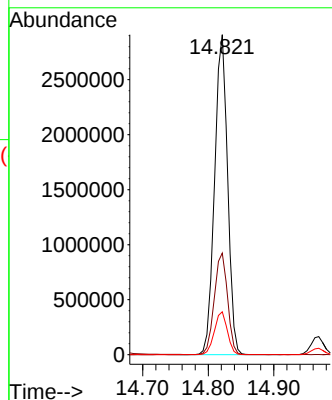
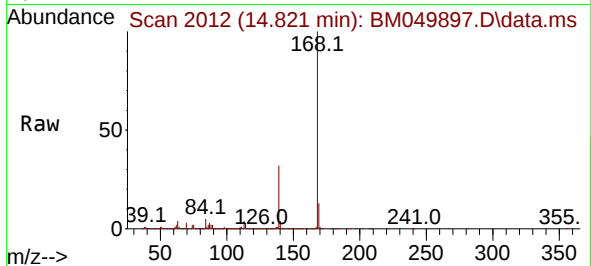




#55
Dibenzenofuran
Concen: 47.926 ng
RT: 14.821 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

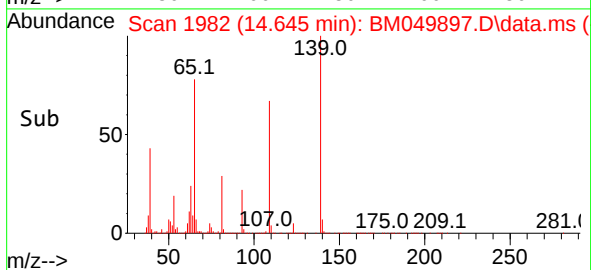
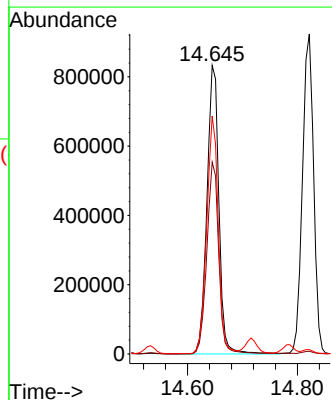
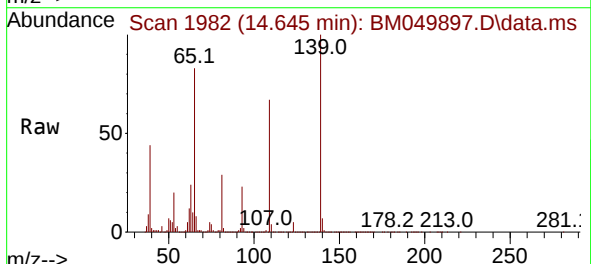
Instrument :
BNA_M
ClientSampleId :
GST3MS

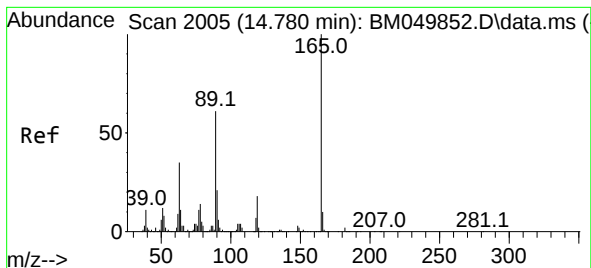
Tgt Ion:168 Resp: 3997202
Ion Ratio Lower Upper
168 100
139 31.8 26.6 39.8
169 13.4 11.0 16.4



#56
4-Nitrophenol
Concen: 107.036 ng
RT: 14.645 min Scan# 1982
Delta R.T. 0.006 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

Tgt Ion:139 Resp: 1255789
Ion Ratio Lower Upper
139 100
109 66.5 47.9 87.9
65 82.5 62.7 102.7





#57

2,4-Dinitrotoluene

Concen: 54.162 ng

RT: 14.786 min Scan# 2005

Delta R.T. 0.006 min

Lab File: BM049897.D

Acq: 11 Apr 2025 12:20

Instrument :

BNA_M

ClientSampleId :

GST3MS

Tgt Ion:165 Resp: 984271

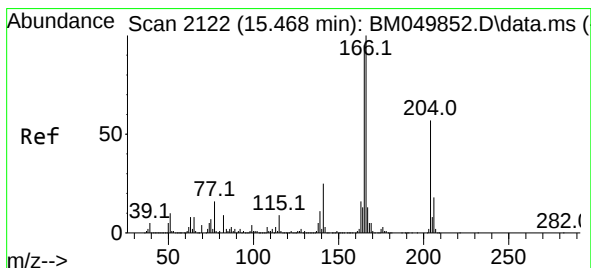
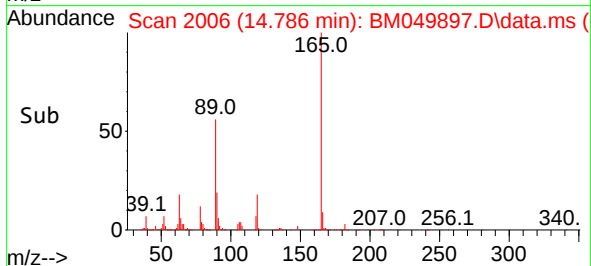
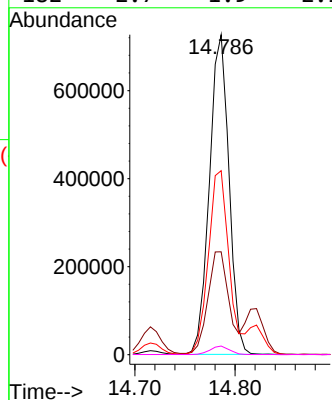
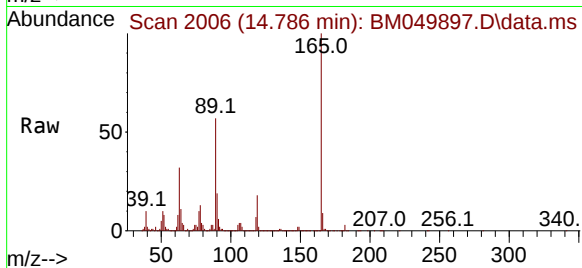
Ion Ratio Lower Upper

165 100

63 32.2 28.6 42.8

89 57.5 49.0 73.6

182 2.7 1.9 2.9



#58

Fluorene

Concen: 49.958 ng

RT: 15.468 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BM049897.D

Acq: 11 Apr 2025 12:20

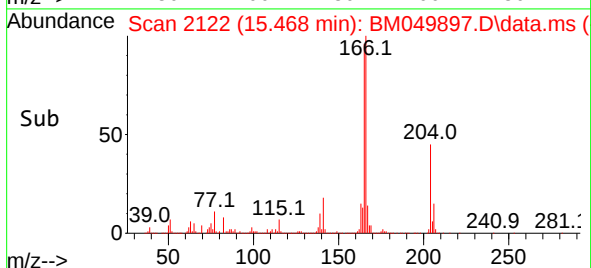
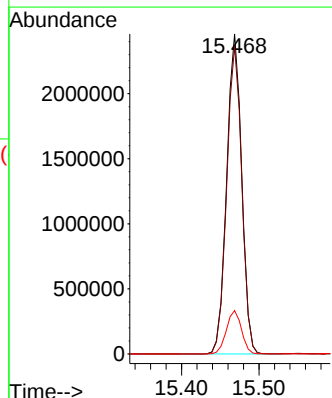
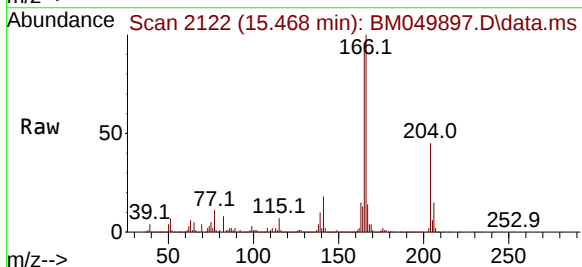
Tgt Ion:166 Resp: 3312023

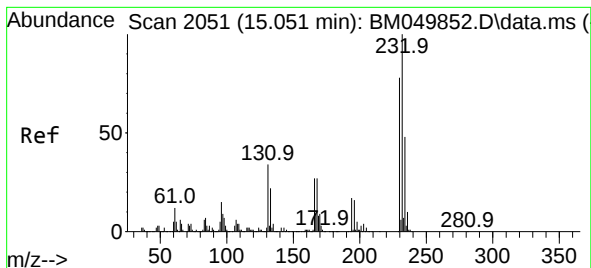
Ion Ratio Lower Upper

166 100

165 96.2 76.3 114.5

167 13.6 10.7 16.1

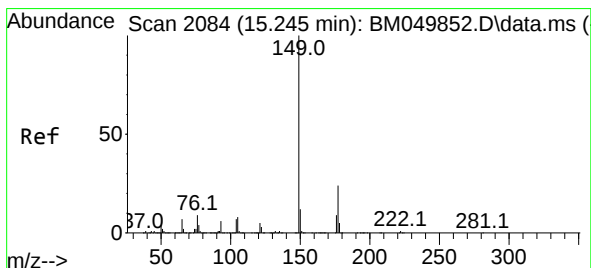
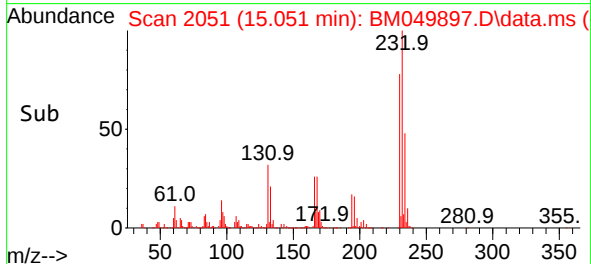
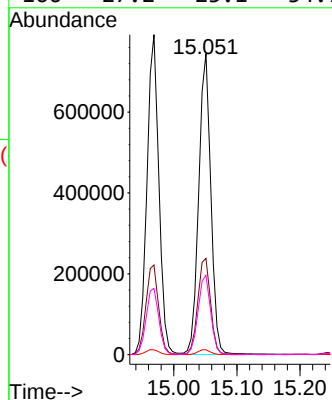
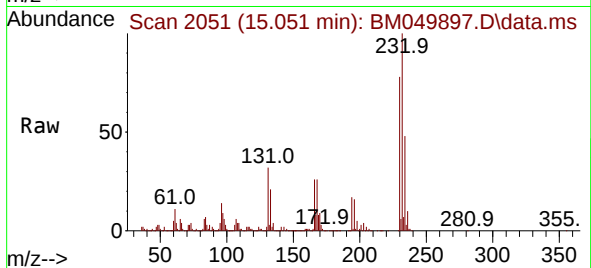




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.723 ng
RT: 15.051 min Scan# 2051
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

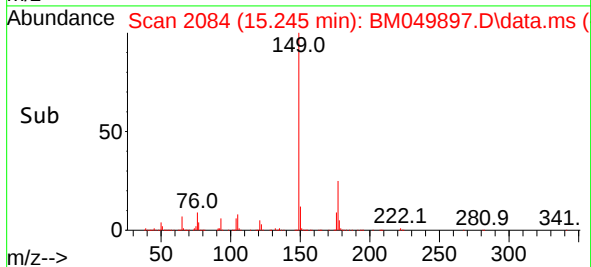
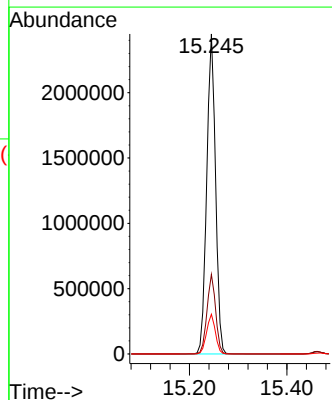
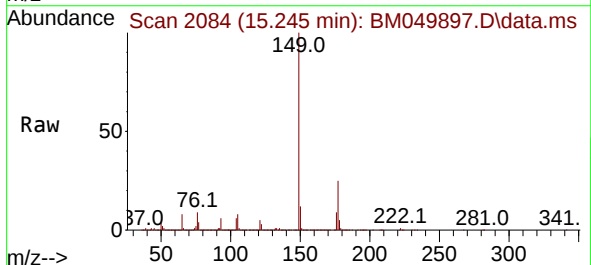
Instrument :
BNA_M
ClientSampleId :
GST3MS

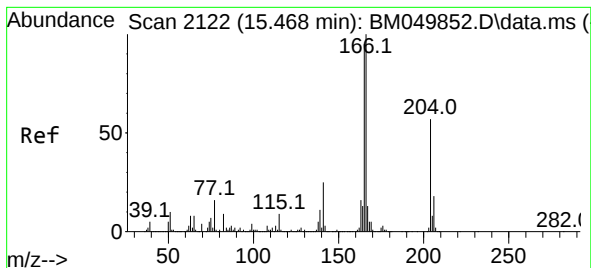
Tgt Ion:232 Resp: 991195
Ion Ratio Lower Upper
232 100
131 33.3 28.4 42.6
130 1.8 1.6 2.4
166 27.2 23.1 34.7



#60
Diethylphthalate
Concen: 49.010 ng
RT: 15.245 min Scan# 2084
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

Tgt Ion:149 Resp: 3055827
Ion Ratio Lower Upper
149 100
177 24.8 19.0 28.4
150 12.4 9.7 14.5

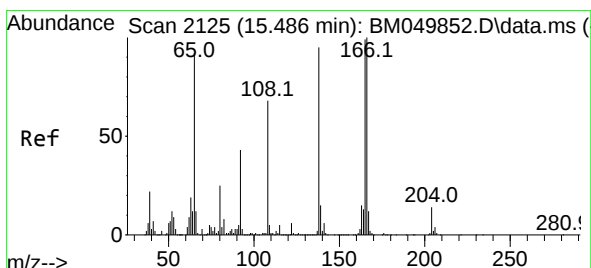
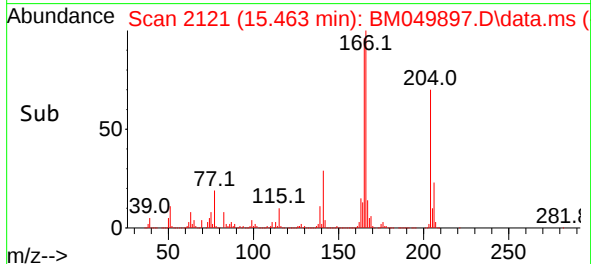
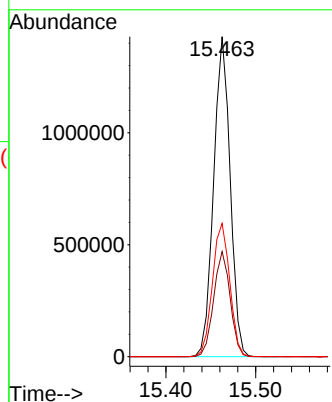
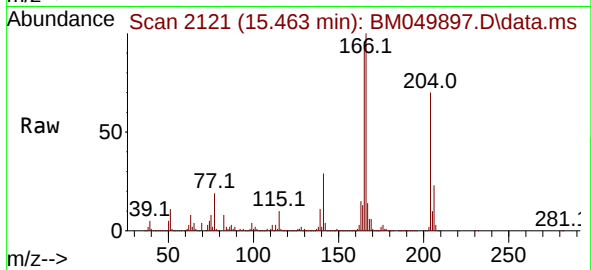




#61
4-Chlorophenyl-phenylether
Concen: 51.433 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

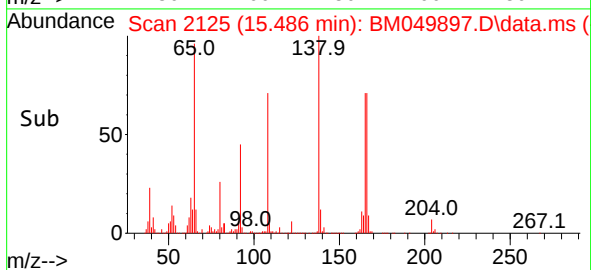
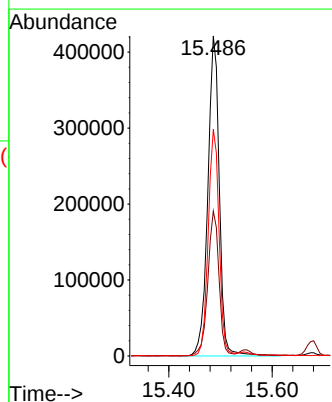
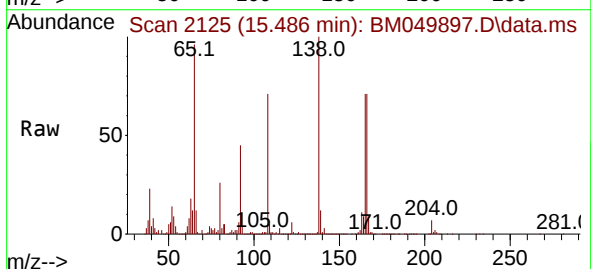
Instrument :
BNA_M
ClientSampleId :
GST3MS

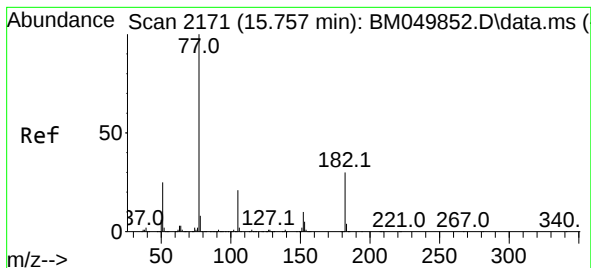
Tgt Ion:204 Resp: 1828146
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 41.7 35.0 52.6



#62
4-Nitroaniline
Concen: 47.953 ng
RT: 15.486 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

Tgt Ion:138 Resp: 652892
Ion Ratio Lower Upper
138 100
92 45.3 24.9 64.9
108 70.8 51.7 91.7





#63

Azobenzene

Concen: 54.614 ng

RT: 15.757 min Scan# 2171

Delta R.T. 0.000 min

Lab File: BM049897.D

Acq: 11 Apr 2025 12:20

Instrument :

BNA_M

ClientSampleId :

GST3MS

Tgt Ion: 77 Resp: 2915396

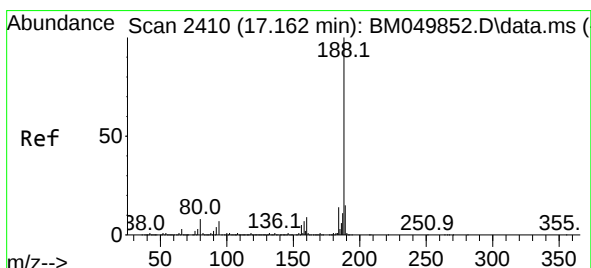
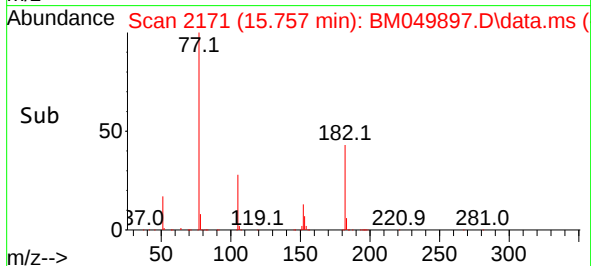
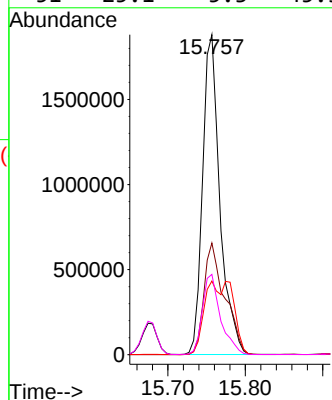
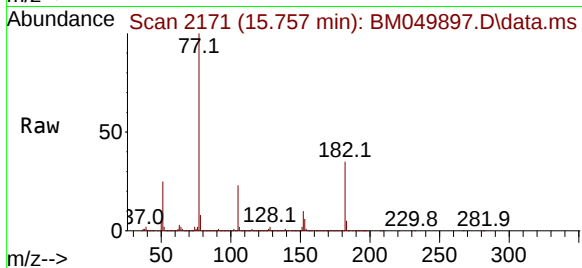
Ion Ratio Lower Upper

77 100

182 34.9 10.4 50.4

105 23.0 1.5 41.5

51 25.1 5.3 45.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.162 min Scan# 2410

Delta R.T. 0.000 min

Lab File: BM049897.D

Acq: 11 Apr 2025 12:20

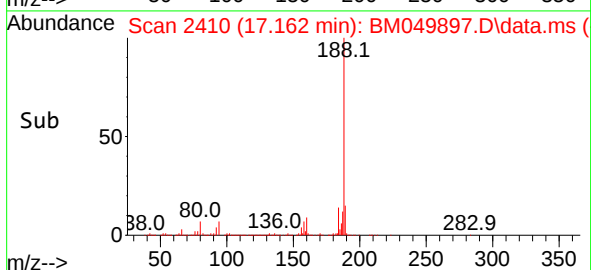
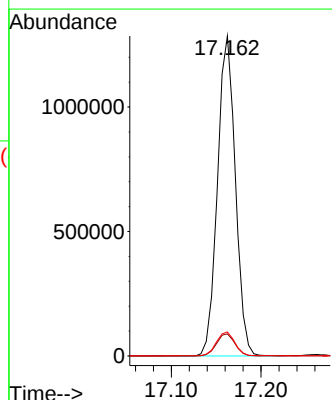
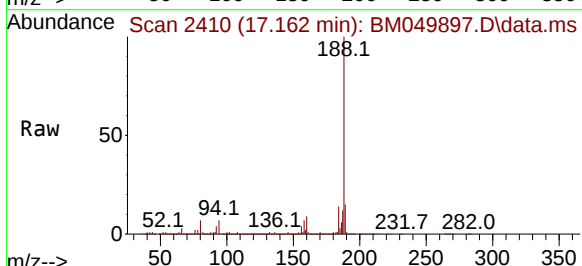
Tgt Ion:188 Resp: 1779577

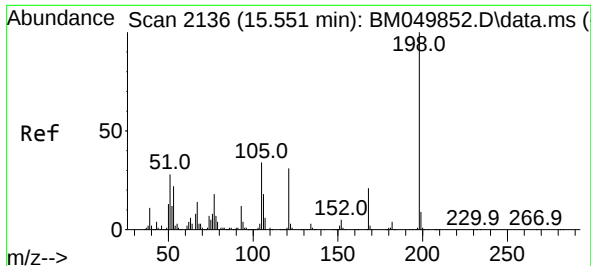
Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.6

80 7.5 6.4 9.6

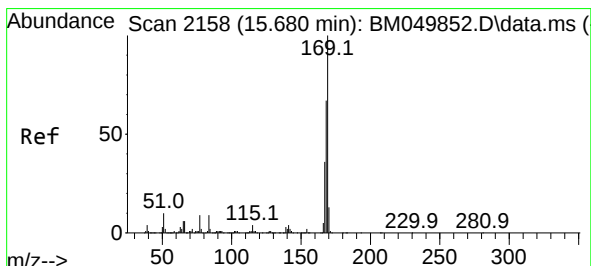
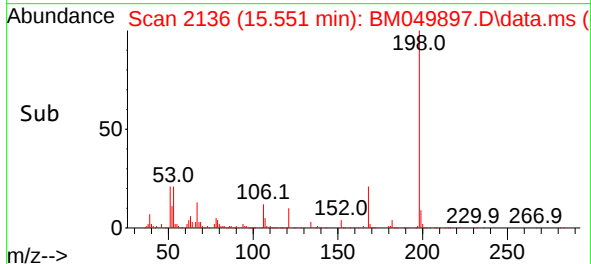
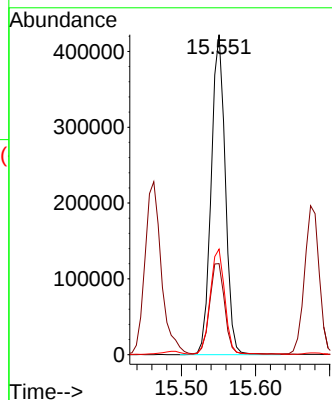
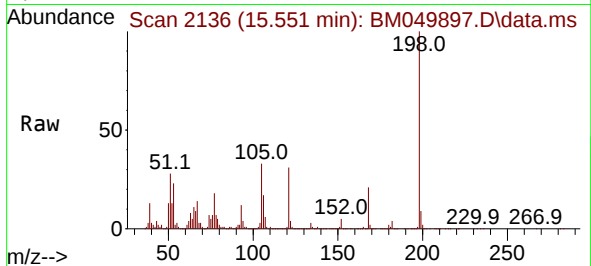




#65
4,6-Dinitro-2-methylphenol
Concen: 49.725 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

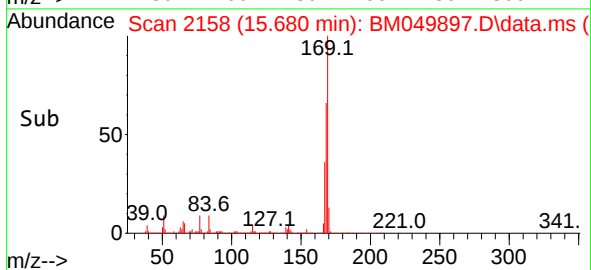
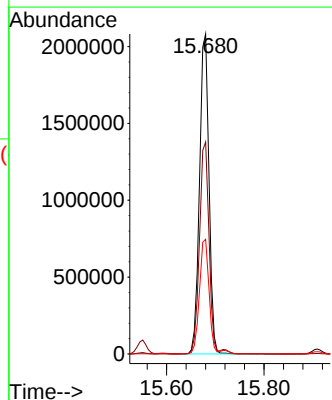
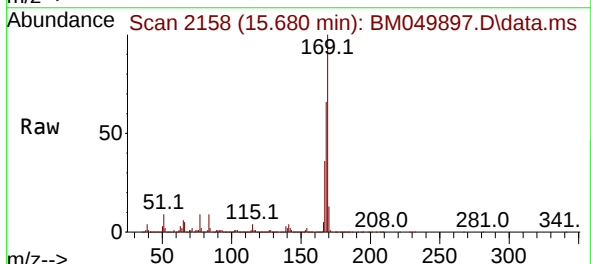
Instrument :
BNA_M
ClientSampleId :
GST3MS

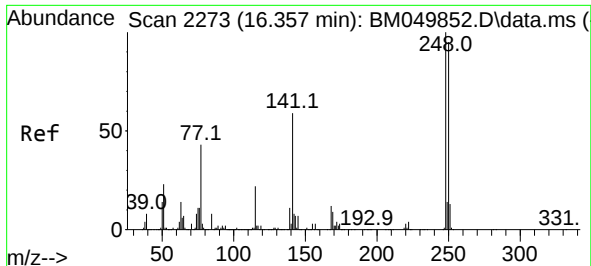
Tgt Ion:198 Resp: 557624
Ion Ratio Lower Upper
198 100
51 28.5 9.6 49.6
105 33.0 14.7 54.7



#66
n-Nitrosodiphenylamine
Concen: 52.931 ng
RT: 15.680 min Scan# 2158
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

Tgt Ion:169 Resp: 2818922
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.2
167 35.9 29.0 43.6

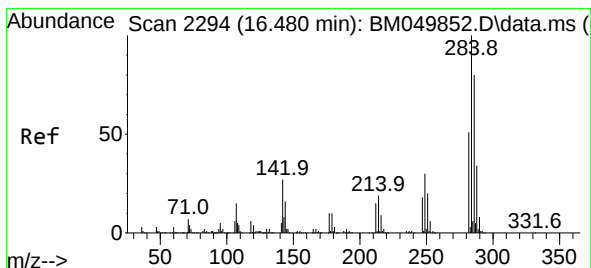
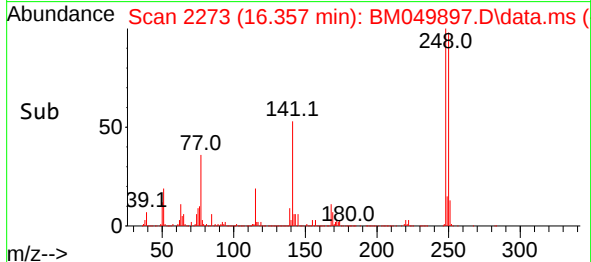
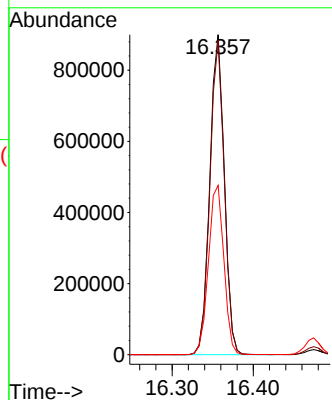
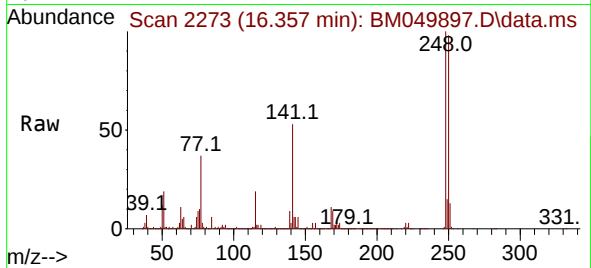




#67
4-Bromophenyl-phenylether
Concen: 54.278 ng
RT: 16.357 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

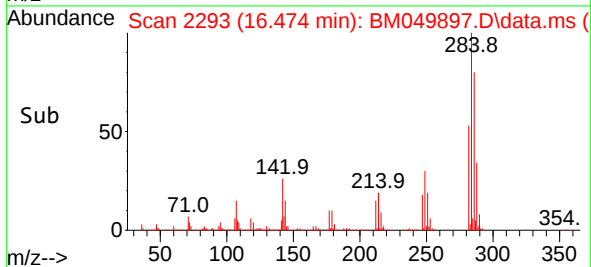
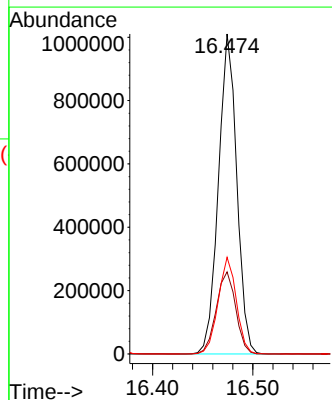
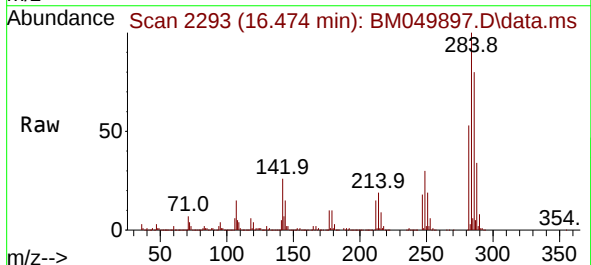
Instrument :
BNA_M
ClientSampleId :
GST3MS

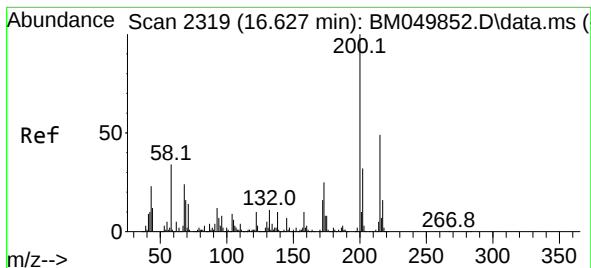
Tgt Ion:248 Resp: 1121321
Ion Ratio Lower Upper
248 100
250 98.2 76.2 114.2
141 52.9 47.3 70.9



#68
Hexachlorobenzene
Concen: 54.018 ng
RT: 16.474 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

Tgt Ion:284 Resp: 1280020
Ion Ratio Lower Upper
284 100
142 25.6 21.2 31.8
249 30.2 24.1 36.1





#69

Atrazine

Concen: 75.403 ng

RT: 16.633 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM049897.D

Acq: 11 Apr 2025 12:20

Instrument :

BNA_M

ClientSampleId :

GST3MS

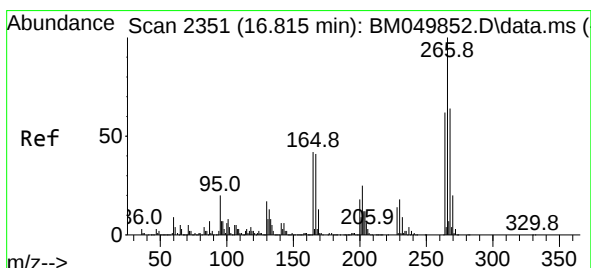
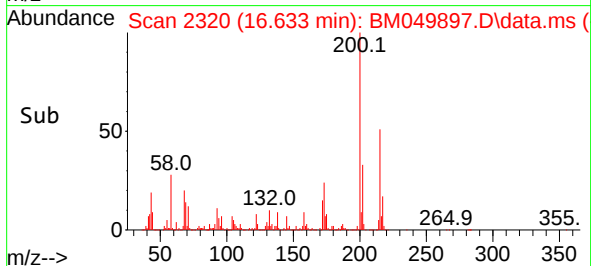
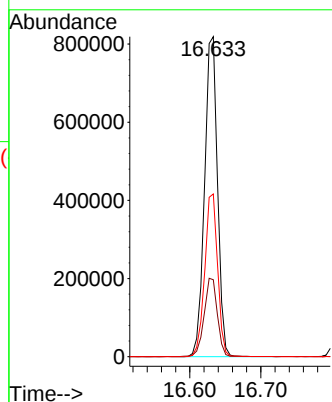
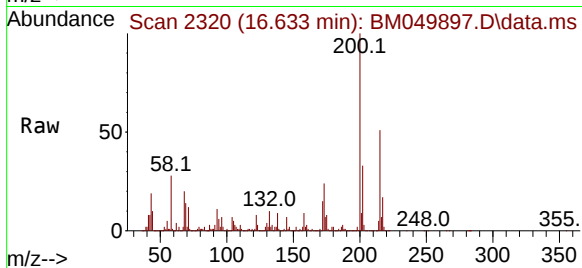
Tgt Ion:200 Resp: 1041186

Ion Ratio Lower Upper

200 100

173 24.1 5.4 45.4

215 50.8 29.0 69.0



#70

Pentachlorophenol

Concen: 101.914 ng

RT: 16.815 min Scan# 2351

Delta R.T. 0.000 min

Lab File: BM049897.D

Acq: 11 Apr 2025 12:20

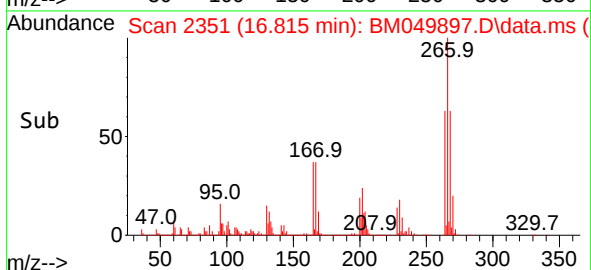
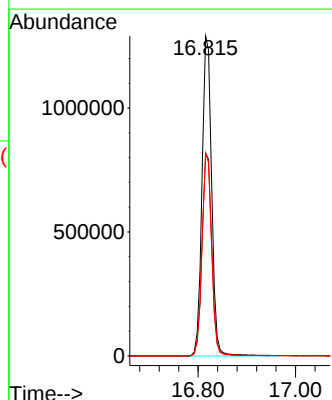
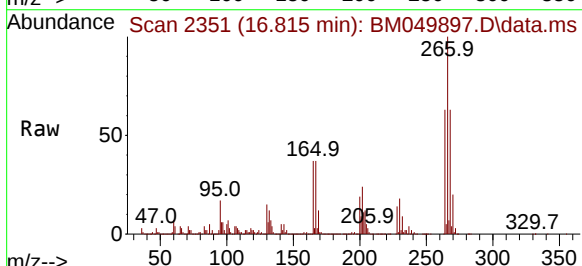
Tgt Ion:266 Resp: 1777954

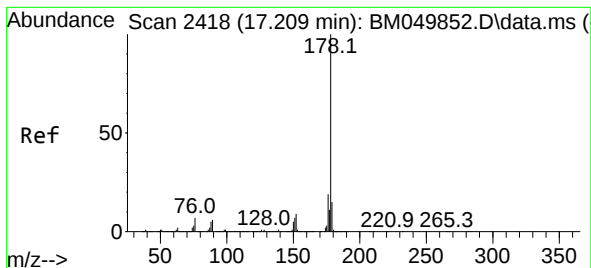
Ion Ratio Lower Upper

266 100

268 63.4 51.4 77.2

264 63.3 49.8 74.8





#71

Phenanthrene

Concen: 51.395 ng

RT: 17.204 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BM049897.D

Acq: 11 Apr 2025 12:20

Instrument :

BNA_M

ClientSampleId :

GST3MS

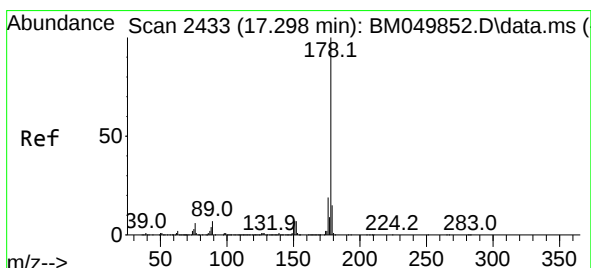
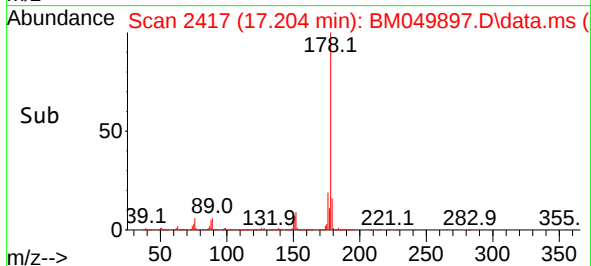
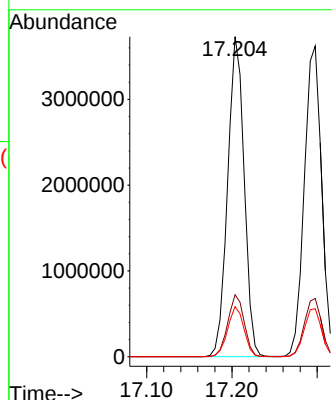
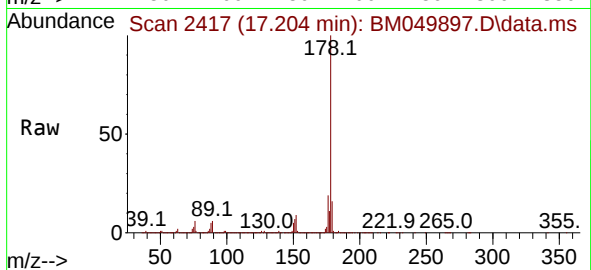
Tgt Ion:178 Resp: 5014269

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.6 12.3 18.5



#72

Anthracene

Concen: 53.236 ng

RT: 17.298 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BM049897.D

Acq: 11 Apr 2025 12:20

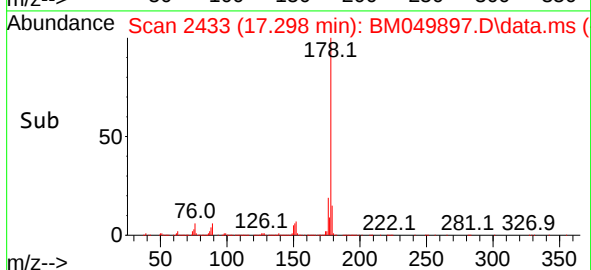
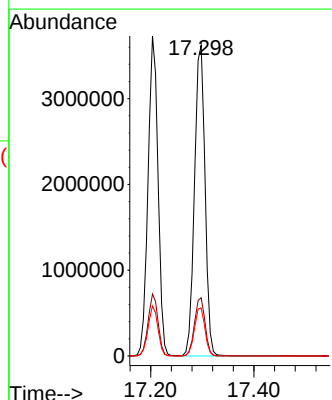
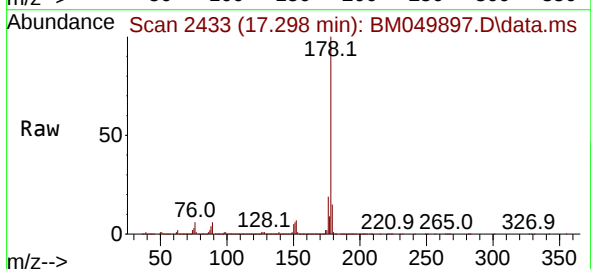
Tgt Ion:178 Resp: 5118456

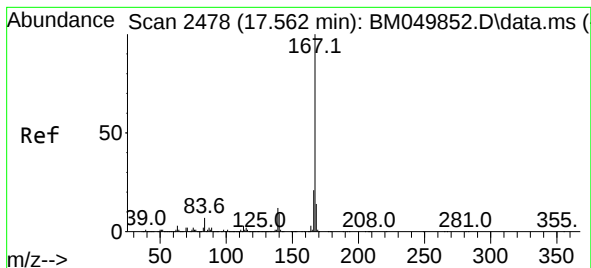
Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 15.5 12.4 18.6





#73

Carbazole

Concen: 50.105 ng

RT: 17.562 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM049897.D

Acq: 11 Apr 2025 12:20

Instrument :

BNA_M

ClientSampleId :

GST3MS

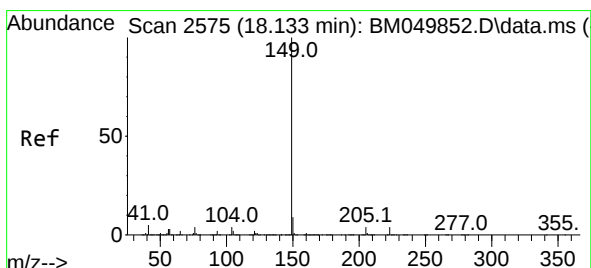
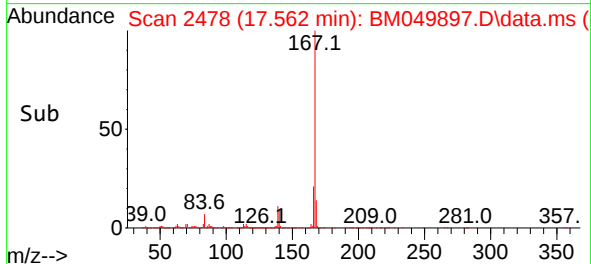
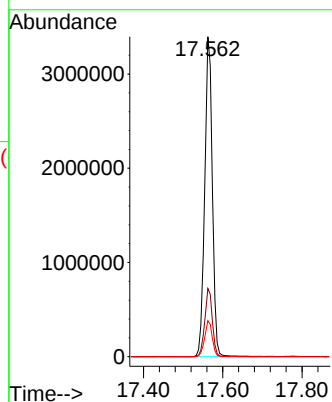
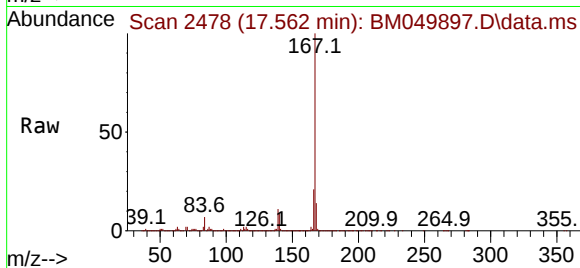
Tgt Ion:167 Resp: 4537431

Ion Ratio Lower Upper

167 100

166 21.3 16.9 25.3

139 11.2 9.3 13.9



#74

Di-n-butylphthalate

Concen: 49.922 ng

RT: 18.133 min Scan# 2575

Delta R.T. 0.000 min

Lab File: BM049897.D

Acq: 11 Apr 2025 12:20

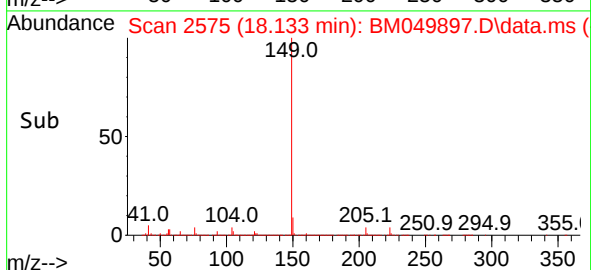
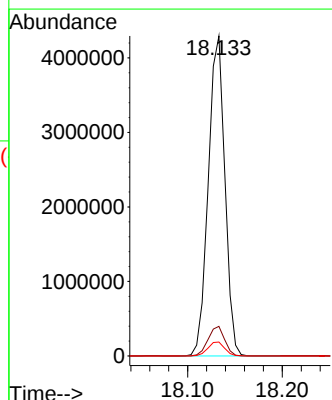
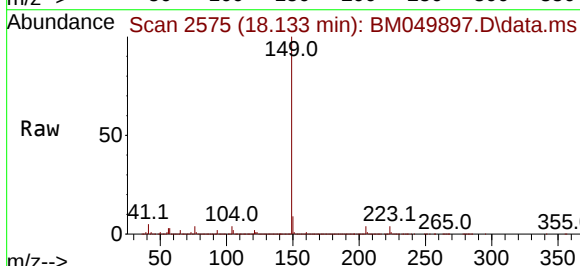
Tgt Ion:149 Resp: 5207201

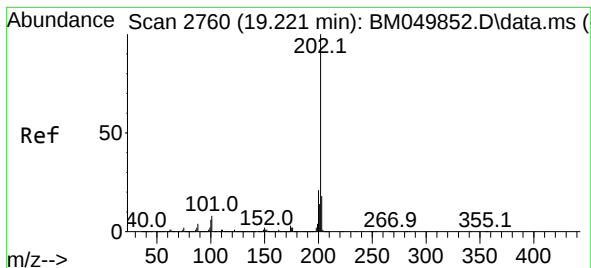
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 4.4 3.5 5.3





#75

Fluoranthene

Concen: 48.625 ng

RT: 19.221 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049897.D

Acq: 11 Apr 2025 12:20

Instrument :

BNA_M

ClientSampleId :

GST3MS

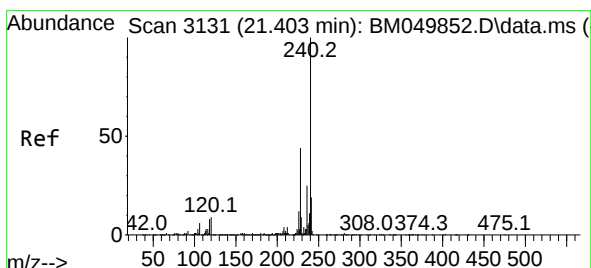
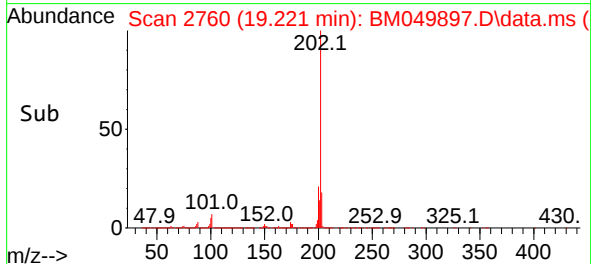
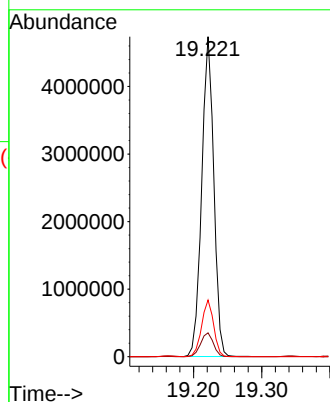
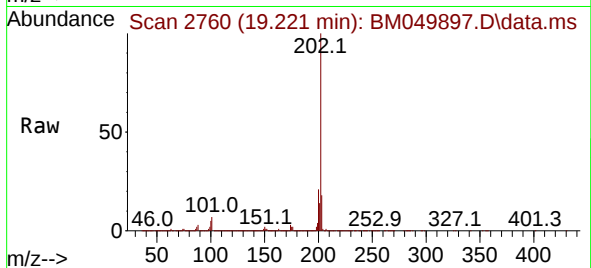
Tgt Ion:202 Resp: 5833029

Ion Ratio Lower Upper

202 100

101 7.4 0.0 28.4

203 17.7 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.397 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM049897.D

Acq: 11 Apr 2025 12:20

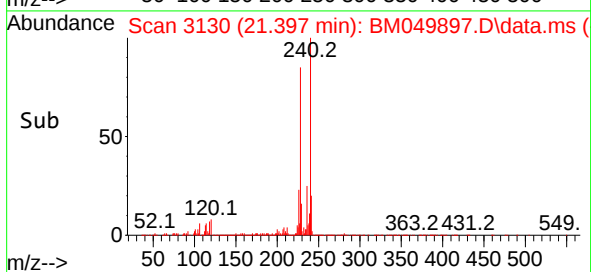
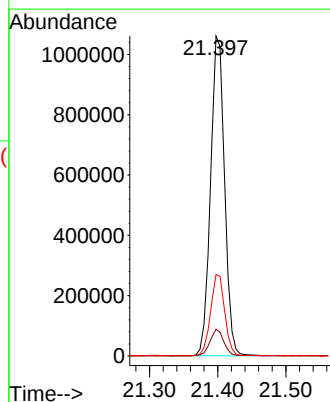
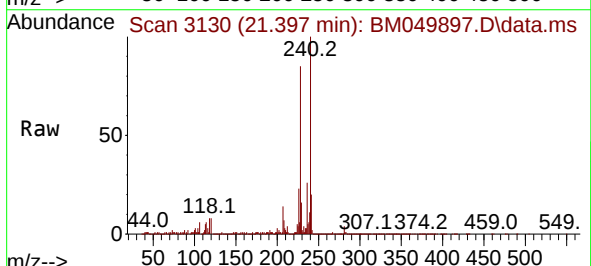
Tgt Ion:240 Resp: 1521016

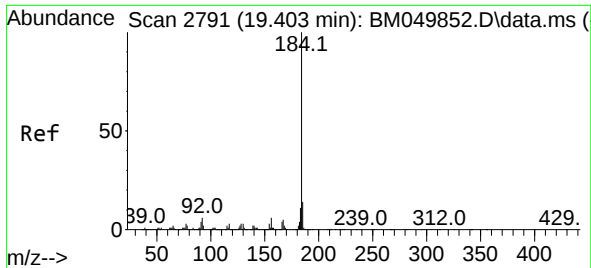
Ion Ratio Lower Upper

240 100

120 8.4 6.9 10.3

236 25.5 20.4 30.6

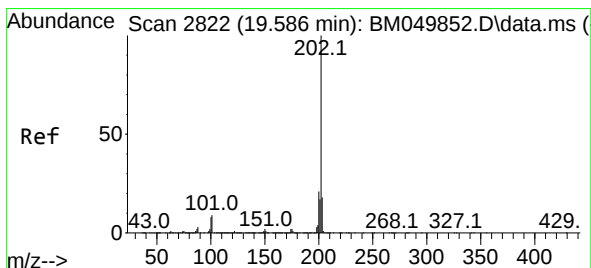
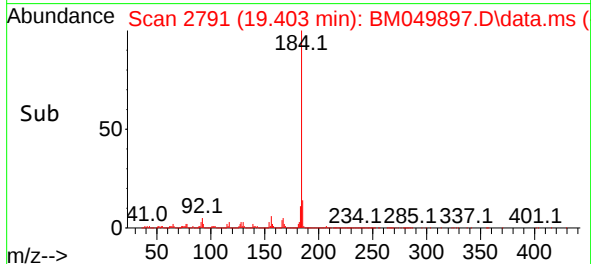
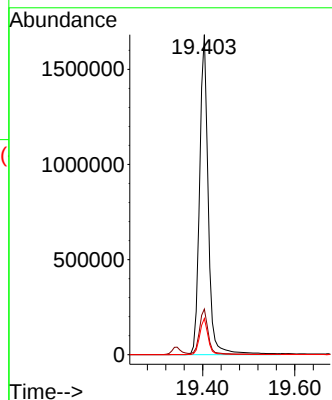
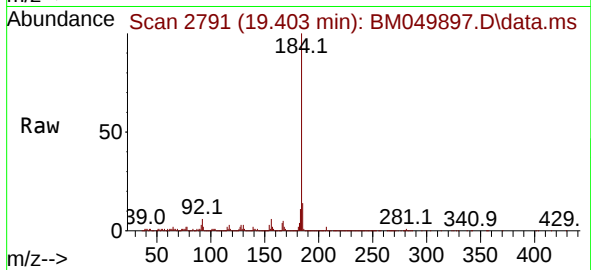




#77
Benzidine
Concen: 108.820 ng
RT: 19.403 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

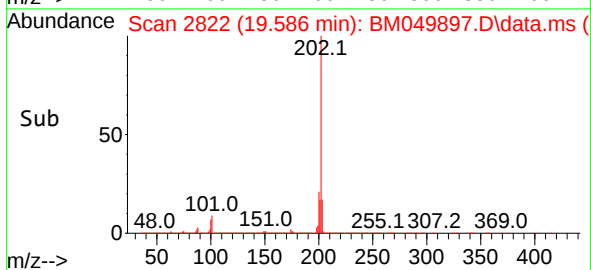
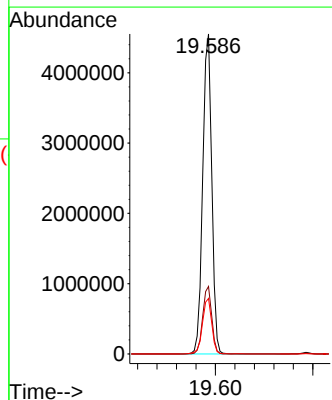
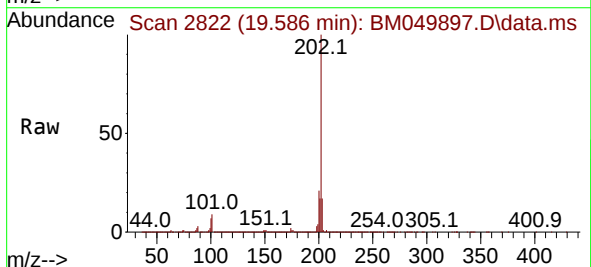
Instrument :
BNA_M
ClientSampleId :
GST3MS

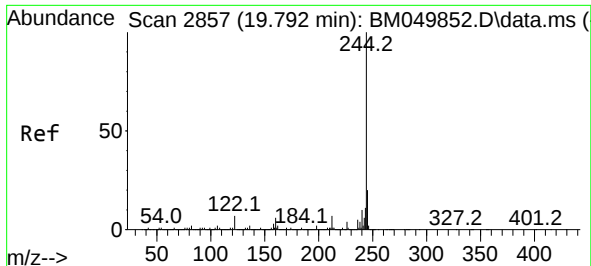
Tgt Ion:184 Resp: 2195825
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.2
183 11.3 8.8 13.2



#78
Pyrene
Concen: 56.061 ng
RT: 19.586 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

Tgt Ion:202 Resp: 5876662
Ion Ratio Lower Upper
202 100
200 21.1 16.5 24.7
203 17.3 14.0 21.0

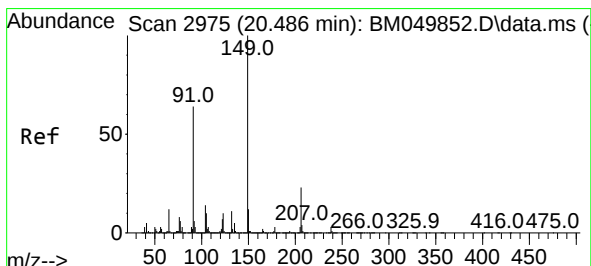
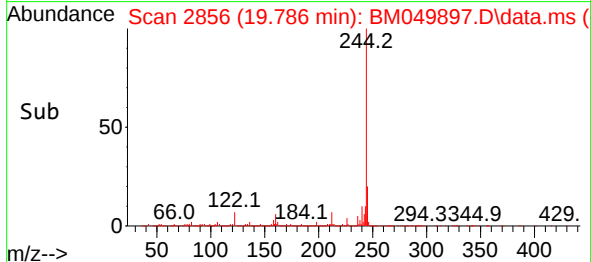
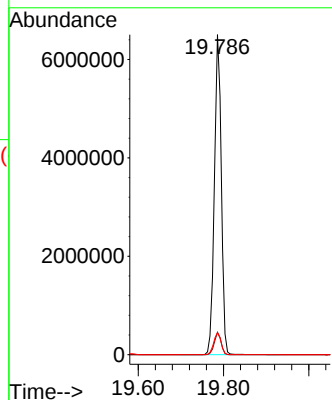
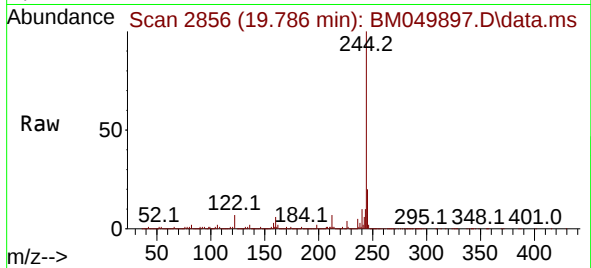




#79
 Terphenyl-d14
 Concen: 90.072 ng
 RT: 19.786 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM049897.D
 Acq: 11 Apr 2025 12:20

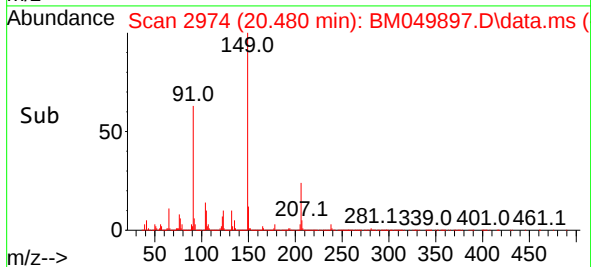
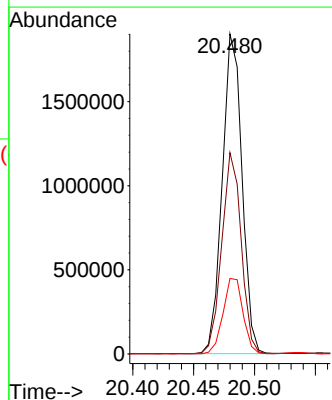
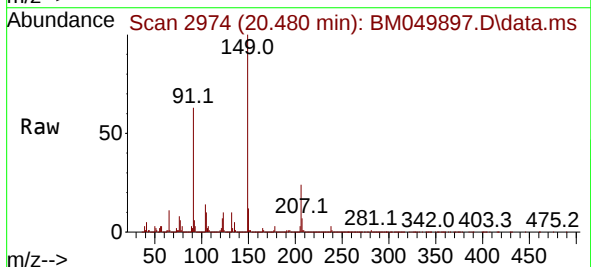
Instrument :
 BNA_M
 ClientSampleId :
 GST3MS

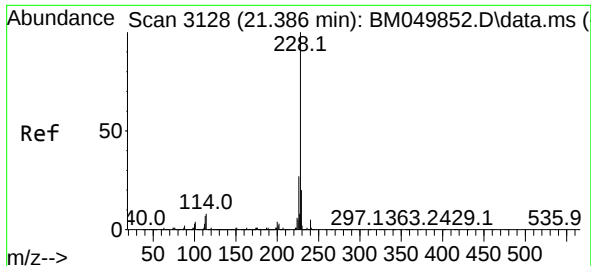
Tgt Ion:244 Resp: 7310413
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 6.9 5.4 8.0



#80
 Butylbenzylphthalate
 Concen: 54.517 ng
 RT: 20.480 min Scan# 2974
 Delta R.T. -0.006 min
 Lab File: BM049897.D
 Acq: 11 Apr 2025 12:20

Tgt Ion:149 Resp: 2147355
 Ion Ratio Lower Upper
 149 100
 91 62.9 50.9 76.3
 206 23.6 18.4 27.6

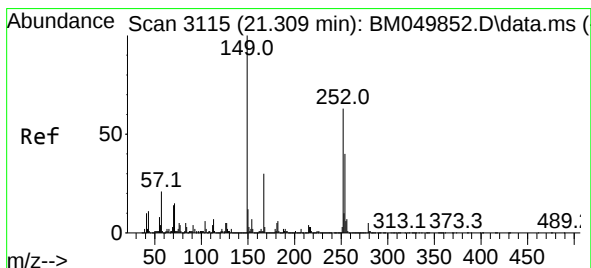
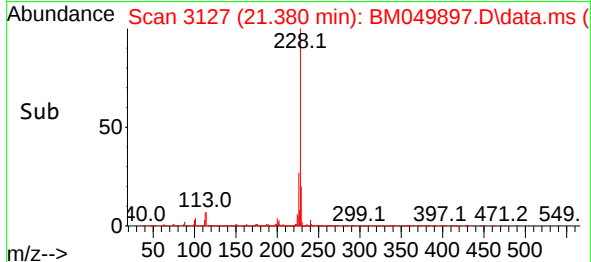
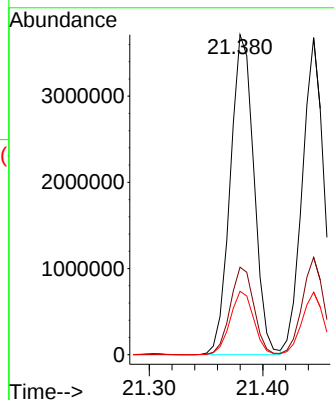
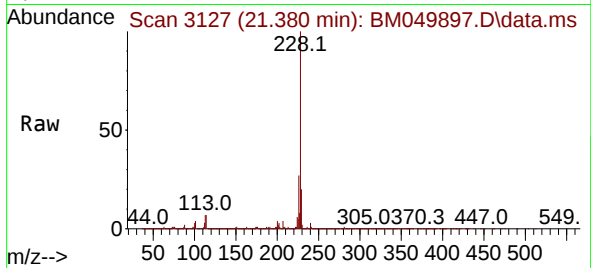




#81
Benzo(a)anthracene
Concen: 53.142 ng
RT: 21.380 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

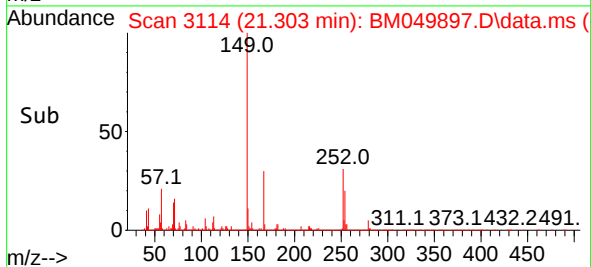
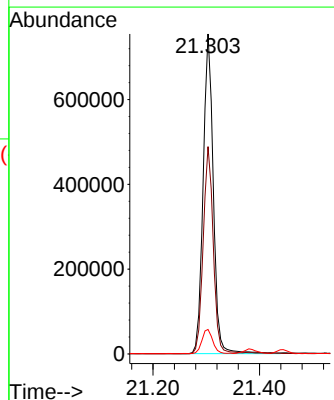
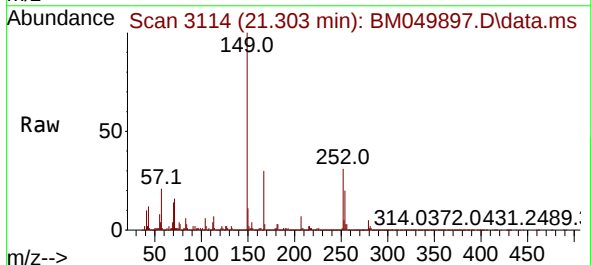
Instrument :
BNA_M
ClientSampleId :
GST3MS

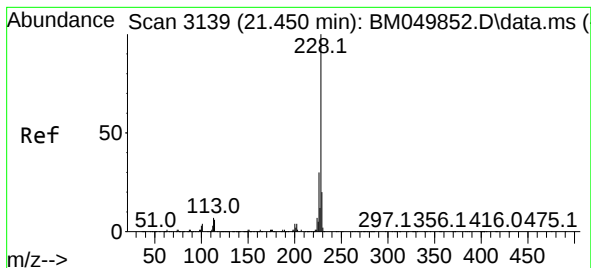
Tgt Ion:228 Resp: 5371938
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.8 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 26.159 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

Tgt Ion:252 Resp: 998618
Ion Ratio Lower Upper
252 100
254 64.8 51.5 77.3
126 7.7 6.3 9.5





#83

Chrysene

Concen: 50.671 ng

RT: 21.445 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BM049897.D

Acq: 11 Apr 2025 12:20

Instrument :

BNA_M

ClientSampleId :

GST3MS

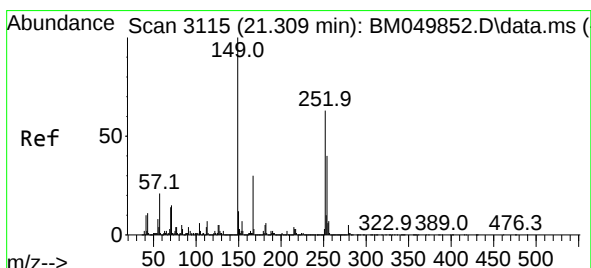
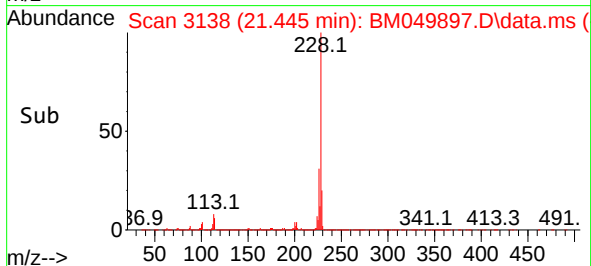
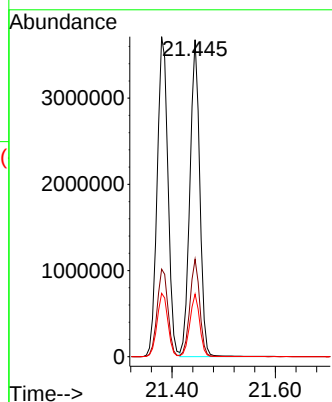
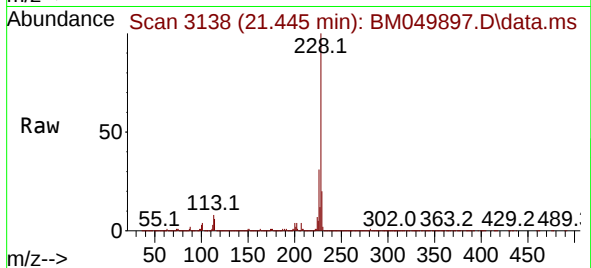
Tgt Ion:228 Resp: 4869666

Ion Ratio Lower Upper

228 100

226 30.7 24.1 36.1

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.840 ng

RT: 21.309 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BM049897.D

Acq: 11 Apr 2025 12:20

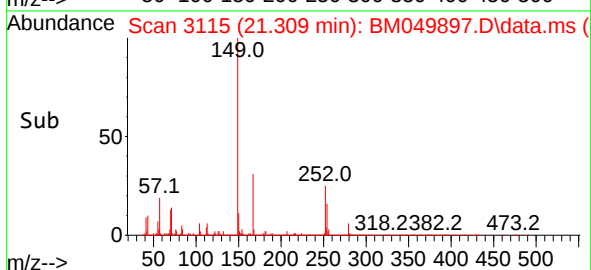
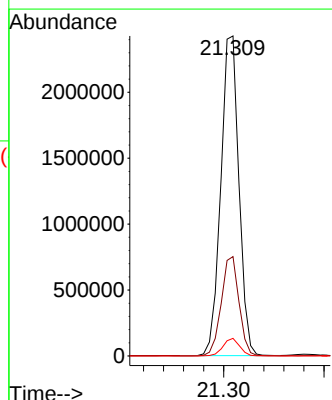
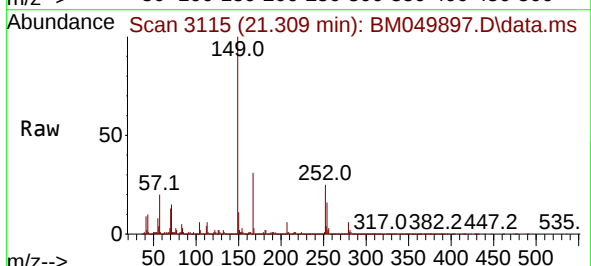
Tgt Ion:149 Resp: 3032341

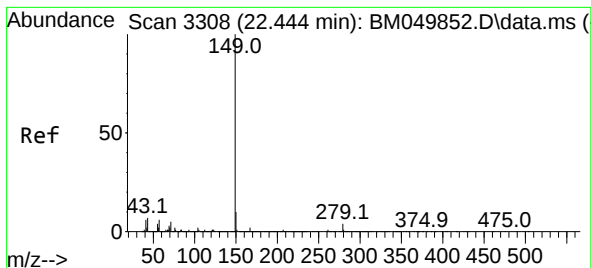
Ion Ratio Lower Upper

149 100

167 31.1 23.8 35.6

279 5.5 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 50.083 ng

RT: 22.439 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM049897.D

Acq: 11 Apr 2025 12:20

Instrument :

BNA_M

ClientSampleId :

GST3MS

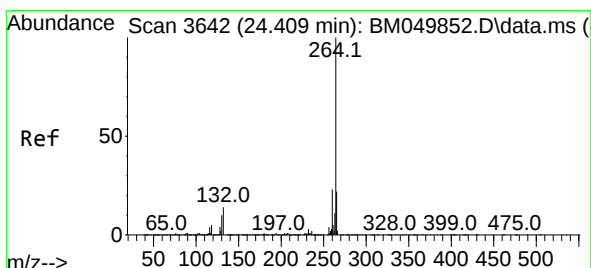
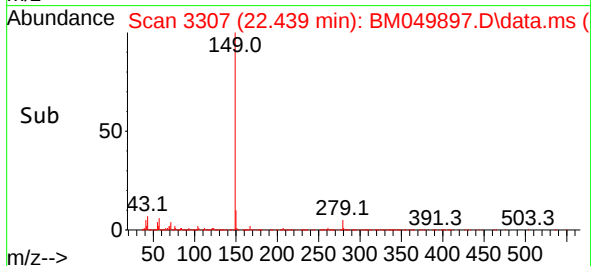
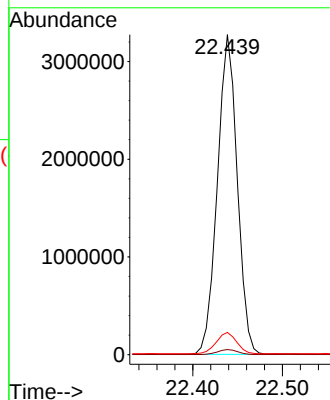
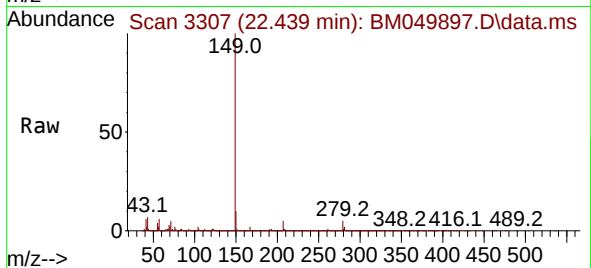
Tgt Ion:149 Resp: 5028056

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 6.8 5.8 8.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.391 min Scan# 3639

Delta R.T. -0.018 min

Lab File: BM049897.D

Acq: 11 Apr 2025 12:20

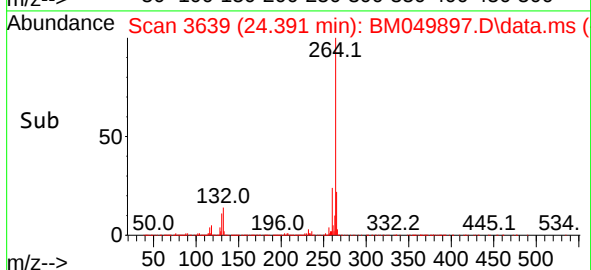
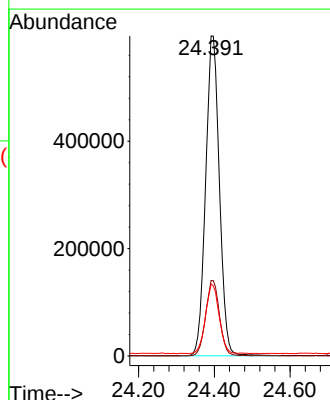
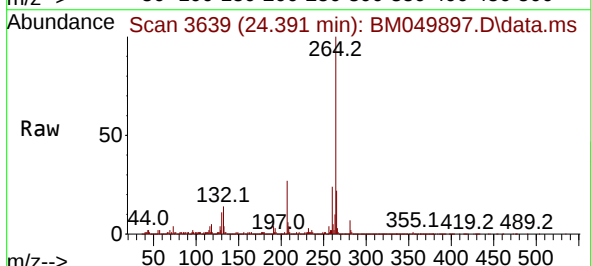
Tgt Ion:264 Resp: 1498756

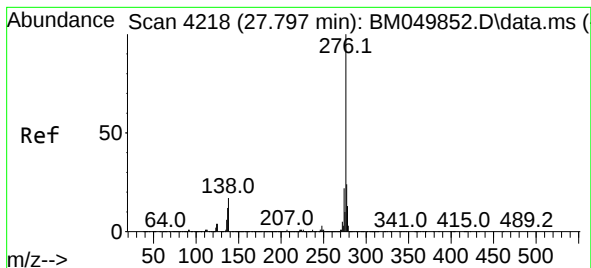
Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 22.5 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.760 ng

RT: 27.785 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM049897.D

Acq: 11 Apr 2025 12:20

Instrument :

BNA_M

ClientSampleId :

GST3MS

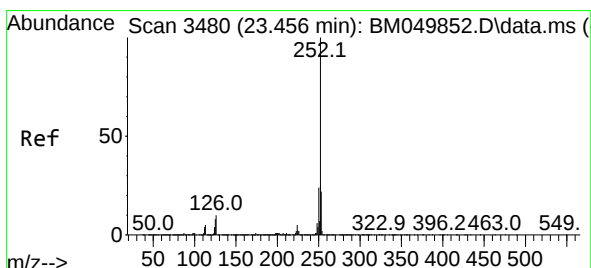
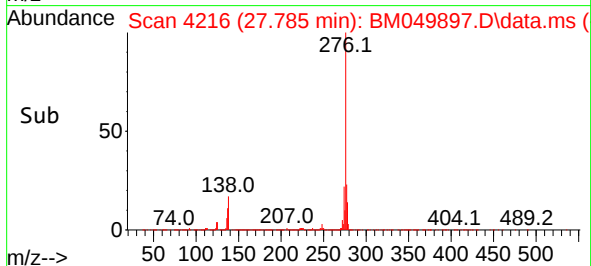
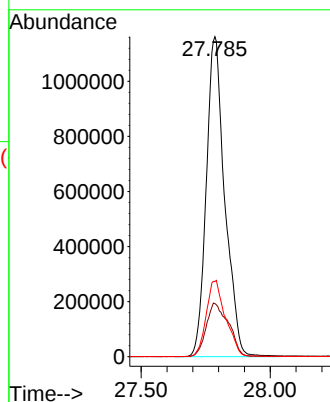
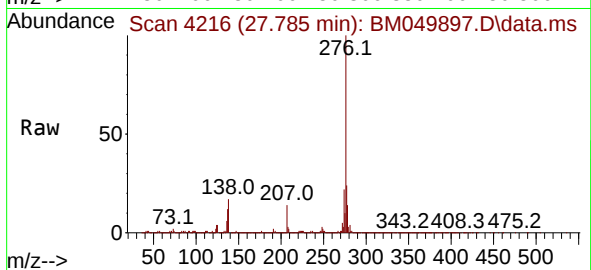
Tgt Ion:276 Resp: 5782529

Ion Ratio Lower Upper

276 100

138 20.0 16.8 25.2

277 24.9 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 50.051 ng

RT: 23.450 min Scan# 3479

Delta R.T. -0.006 min

Lab File: BM049897.D

Acq: 11 Apr 2025 12:20

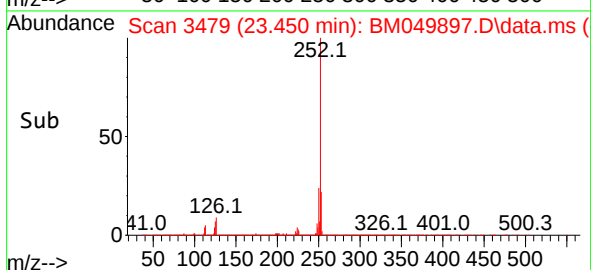
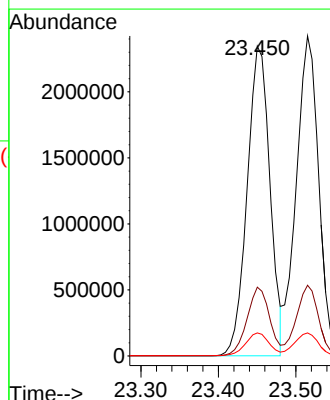
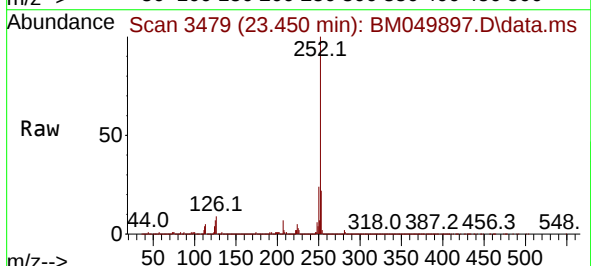
Tgt Ion:252 Resp: 4790847

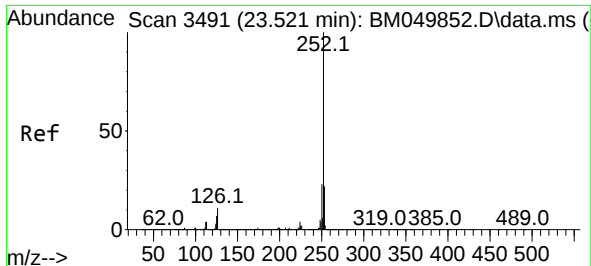
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 7.4 6.2 9.4

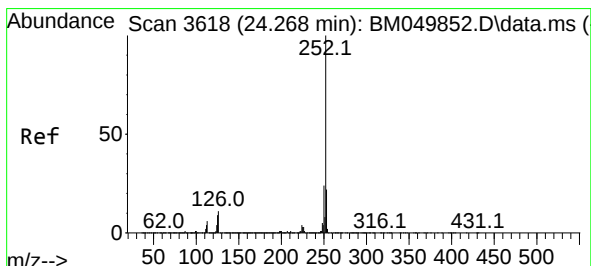
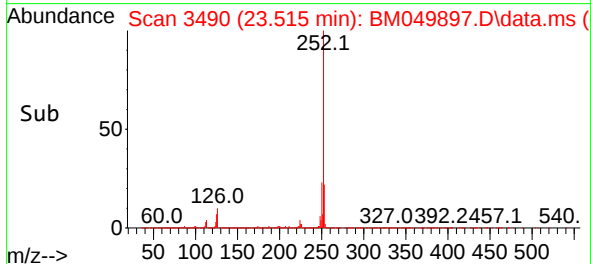
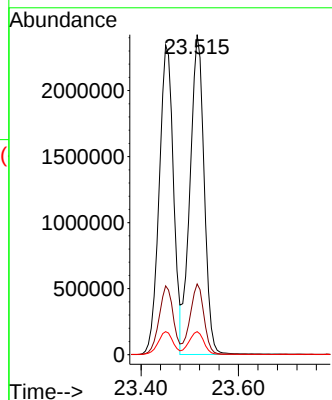
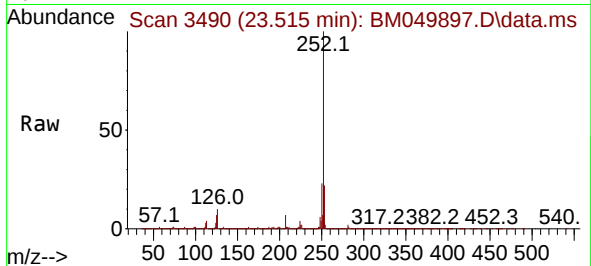




#89
Benzo(k)fluoranthene
Concen: 52.714 ng
RT: 23.515 min Scan# 3490
Delta R.T. -0.006 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

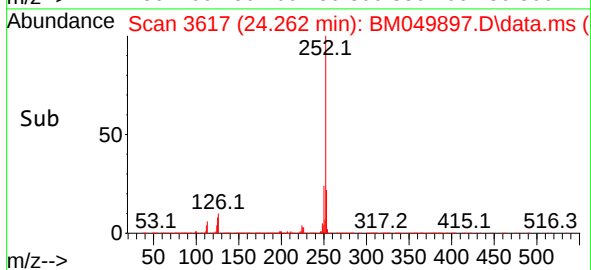
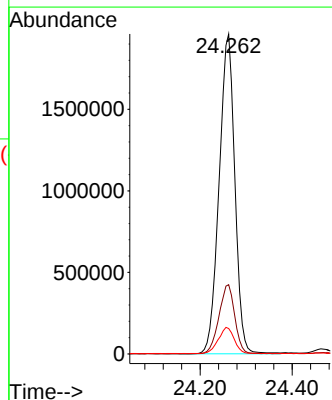
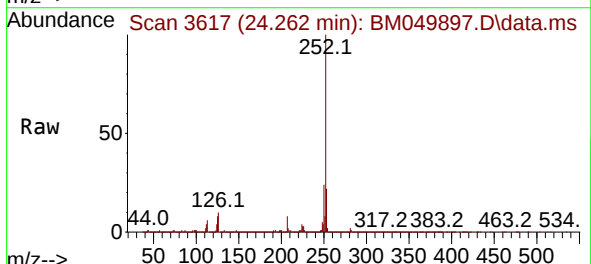
Instrument :
BNA_M
ClientSampleId :
GST3MS

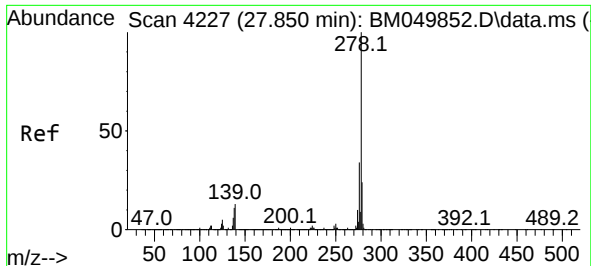
Tgt Ion:252 Resp: 4889726
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 7.2 5.8 8.8



#90
Benzo(a)pyrene
Concen: 55.010 ng
RT: 24.262 min Scan# 3617
Delta R.T. -0.006 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

Tgt Ion:252 Resp: 4626971
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 7.9 7.0 10.4

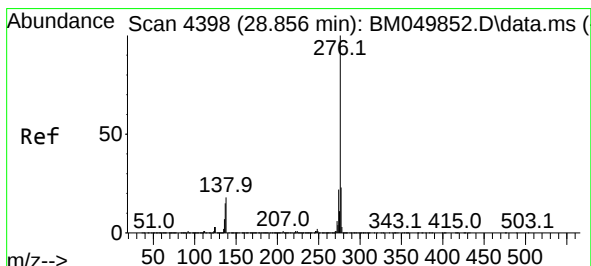
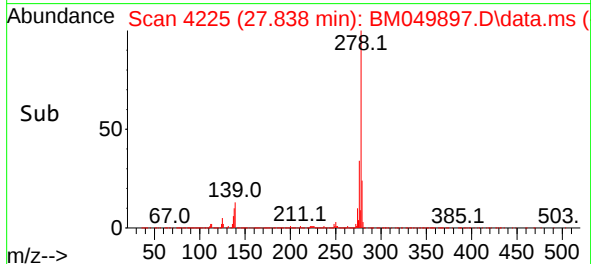
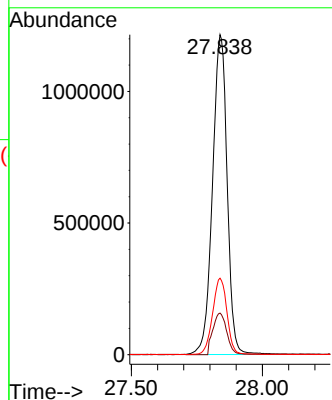
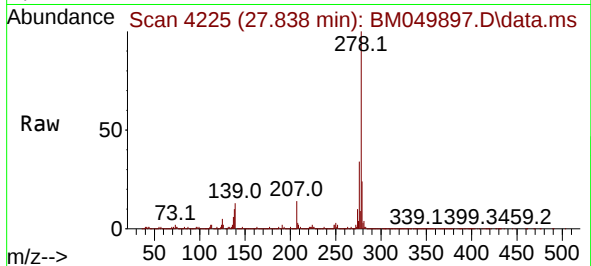




#91
Dibenzo(a,h)anthracene
Concen: 51.301 ng
RT: 27.838 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

Instrument :
BNA_M
ClientSampleId :
GST3MS

Tgt Ion:278 Resp: 4720792
Ion Ratio Lower Upper
278 100
139 13.0 10.6 15.8
279 23.9 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 49.068 ng
RT: 28.844 min Scan# 4396
Delta R.T. -0.012 min
Lab File: BM049897.D
Acq: 11 Apr 2025 12:20

Tgt Ion:276 Resp: 4614103
Ion Ratio Lower Upper
276 100
277 23.7 18.7 28.1
138 17.3 14.6 21.8

