

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
 Data File : BM050197.D
 Acq On : 05 Jun 2025 11:17
 Operator : RC/JU
 Sample : SSTDIC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 05 14:58:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 14:55:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	277976	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1171357	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	720692	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1364843	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1240830	20.000	ng	0.00
86) Perylene-d12	24.374	264	1156806	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	662532	39.759	ng	0.00
7) Phenol-d6	6.946	99	899139	40.989	ng	0.00
23) Nitrobenzene-d5	8.934	82	917335	40.730	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	342402	41.770	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	2208837	41.494	ng	0.00
79) Terphenyl-d14	19.780	244	2892092	44.169	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	143316	19.620	ng	99
3) Pyridine	3.681	79	380901	20.136	ng	99
4) n-Nitrosodimethylamine	3.593	42	77508	19.815	ng	# 97
6) Aniline	7.110	93	596745	20.578	ng	100
8) 2-Chlorophenol	7.352	128	373594	20.382	ng	99
9) Benzaldehyde	6.928	77	304611	21.841	ng	98
10) Phenol	6.975	94	475205	20.474	ng	100
11) bis(2-Chloroethyl)ether	7.210	93	383515	20.543	ng	99
12) 1,3-Dichlorobenzene	7.681	146	414543	20.230	ng	98
13) 1,4-Dichlorobenzene	7.822	146	434797	20.394	ng	99
14) 1,2-Dichlorobenzene	8.140	146	414769	20.407	ng	99
15) Benzyl Alcohol	8.022	79	320142	20.462	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	270693	20.873	ng	98
17) 2-Methylphenol	8.222	107	314991	20.568	ng	97
18) Hexachloroethane	8.869	117	153532	19.885	ng	99
19) n-Nitroso-di-n-propyla...	8.593	70	297971	22.197	ng	98
20) 3+4-Methylphenols	8.546	107	426134	20.798	ng	98
22) Acetophenone	8.605	105	605945	20.706	ng	# 98
24) Nitrobenzene	8.975	77	420036	20.506	ng	97
25) Isophorone	9.504	82	802320	20.639	ng	100
26) 2-Nitrophenol	9.687	139	170594	19.294	ng	97
27) 2,4-Dimethylphenol	9.752	122	368697	20.275	ng	98
28) bis(2-Chloroethoxy)met...	9.993	93	523393	20.610	ng	99
29) 2,4-Dichlorophenol	10.222	162	338221	20.118	ng	99
30) 1,2,4-Trichlorobenzene	10.440	180	375562	20.074	ng	99
31) Naphthalene	10.628	128	1236626	20.419	ng	100
32) Benzoic acid	9.840	122	205878	18.032	ng	99
33) 4-Chloroaniline	10.728	127	531493	20.585	ng	99
34) Hexachlorobutadiene	10.922	225	221558	19.910	ng	99
35) Caprolactam	11.481	113	109175	20.483	ng	98
36) 4-Chloro-3-methylphenol	11.851	107	366554	20.433	ng	99
37) 2-Methylnaphthalene	12.240	142	752886	20.607	ng	98
38) 1-Methylnaphthalene	12.457	142	806687	20.803	ng	99
40) 1,2,4,5-Tetrachloroben...	12.610	216	421559	20.257	ng	100
41) Hexachlorocyclopentadiene	12.598	237	244251	19.326	ng	98
43) 2,4,6-Trichlorophenol	12.845	196	273306	19.971	ng	97

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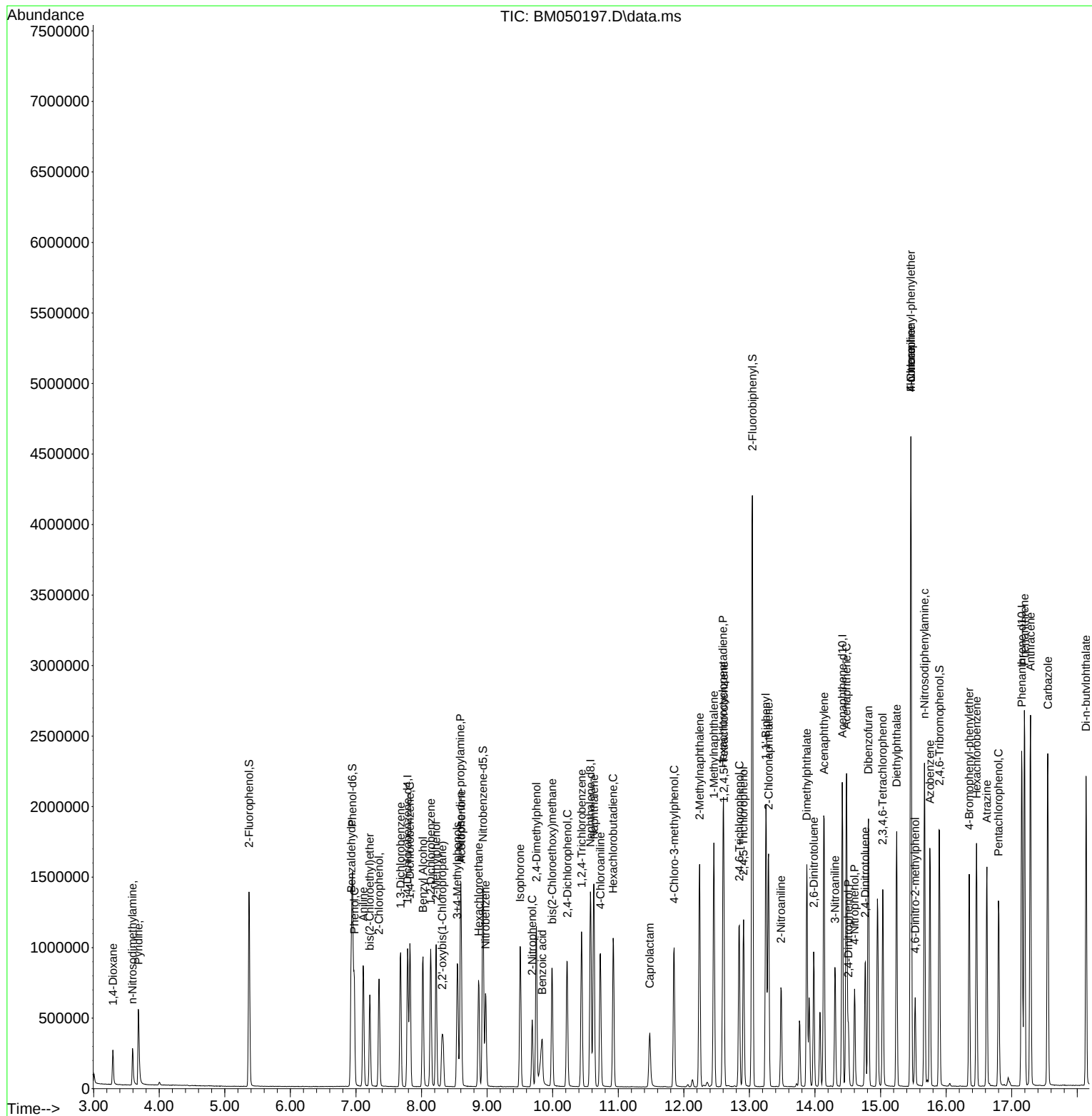
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.910	196	305541	20.334	ng	98
46) 1,1'-Biphenyl	13.251	154	1091201	20.221	ng	98
47) 2-Chloronaphthalene	13.292	162	850349	20.269	ng	99
48) 2-Nitroaniline	13.481	65	181276	19.634	ng	96
49) Acenaphthylene	14.139	152	1398350	20.607	ng	99
50) Dimethylphthalate	13.875	163	1007787	20.677	ng	100
51) 2,6-Dinitrotoluene	13.981	165	204779	20.834	ng	96
52) Acenaphthene	14.481	154	854295	20.128	ng	99
53) 3-Nitroaniline	14.304	138	224884	20.528	ng	97
54) 2,4-Dinitrophenol	14.510	184	94248	19.130	ng	98
55) Dibenzofuran	14.816	168	1279459	20.605	ng	98
56) 4-Nitrophenol	14.604	139	191313	20.518	ng	100
57) 2,4-Dinitrotoluene	14.769	165	263119	20.293	ng	99
58) Fluorene	15.463	166	1004752	21.126	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.034	232	266423	20.493	ng	92
60) Diethylphthalate	15.245	149	1020737	21.107	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	480887	20.921	ng	99
62) 4-Nitroaniline	15.463	138	210030	20.456	ng	98
63) Azobenzene	15.751	77	1019944	21.101	ng	97
65) 4,6-Dinitro-2-methylph...	15.528	198	138015	18.514	ng	97
66) n-Nitrosodiphenylamine	15.669	169	872651	20.349	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	293588	20.172	ng	99
68) Hexachlorobenzene	16.463	284	345929	20.343	ng	99
69) Atrazine	16.622	200	281360	20.591	ng	98
70) Pentachlorophenol	16.798	266	225494	20.396	ng	98
71) Phenanthrene	17.192	178	1583183	20.305	ng	99
72) Anthracene	17.286	178	1603637	20.560	ng	99
73) Carbazole	17.551	167	1450582	20.414	ng	99
74) Di-n-butylphthalate	18.133	149	1619797	20.950	ng	100
75) Fluoranthene	19.210	202	1679948	20.431	ng	99
77) Benzidine	19.392	184	704620	20.194	ng	99
78) Pyrene	19.569	202	1791963	21.427	ng	100
80) Butylbenzylphthalate	20.480	149	570581	20.453	ng	98
81) Benzo(a)anthracene	21.363	228	1610203	20.502	ng	100
82) 3,3'-Dichlorobenzidine	21.286	252	470294	19.636	ng	98
83) Chrysene	21.427	228	1519821	20.343	ng	99
84) Bis(2-ethylhexyl)phtha...	21.315	149	871329	20.277	ng	98
85) Di-n-octyl phthalate	22.457	149	1161953	18.223	ng	99
87) Indeno(1,2,3-cd)pyrene	27.739	276	1450383	19.472	ng	# 91
88) Benzo(b)fluoranthene	23.427	252	1393549	20.720	ng	99
89) Benzo(k)fluoranthene	23.492	252	1413975	20.594	ng	100
90) Benzo(a)pyrene	24.233	252	1284647	20.315	ng	98
91) Dibenzo(a,h)anthracene	27.809	278	1181274	19.538	ng	99
92) Benzo(g,h,i)perylene	28.791	276	1171360	19.358	ng	99

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

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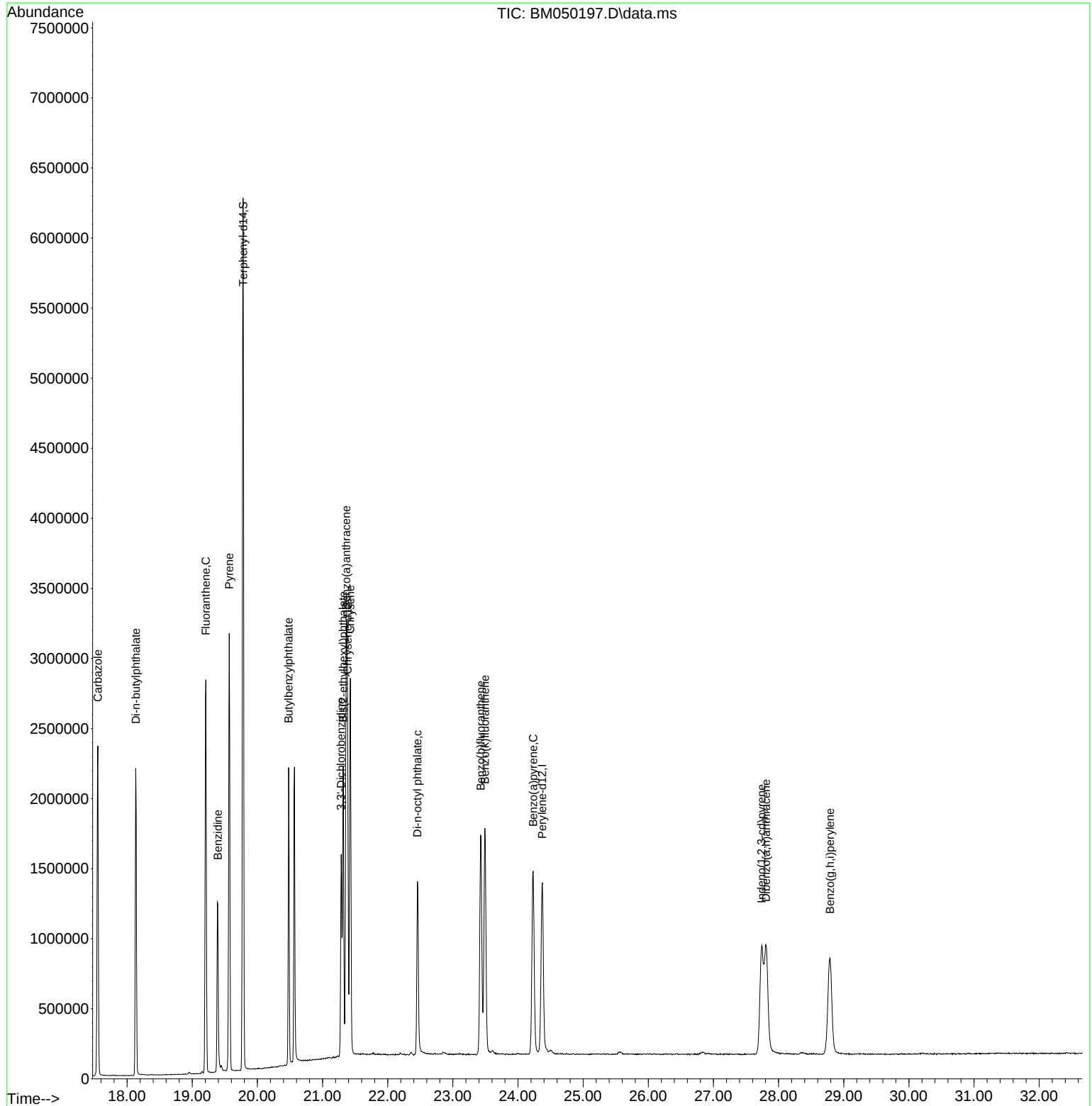
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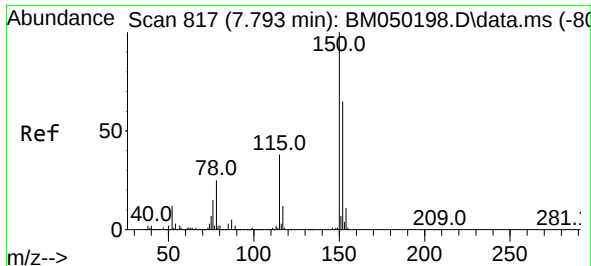


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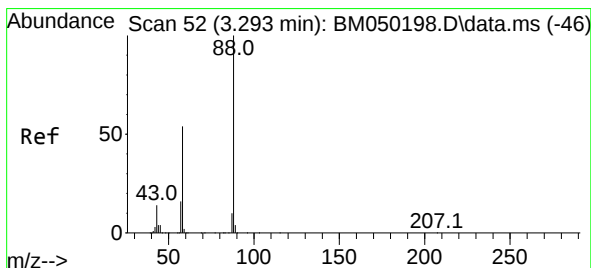
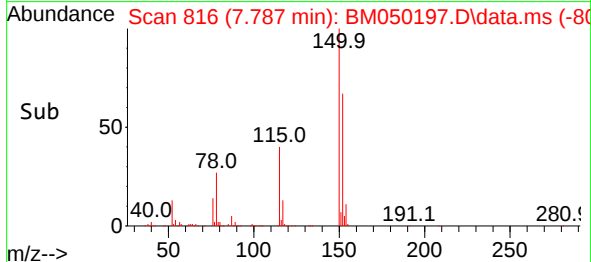
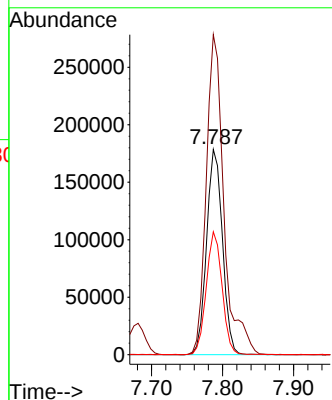
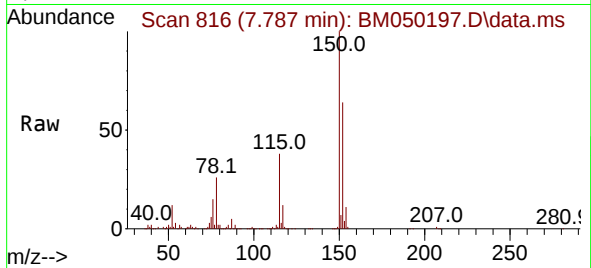




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.787 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM050197.D
 Acq: 05 Jun 2025 11:17

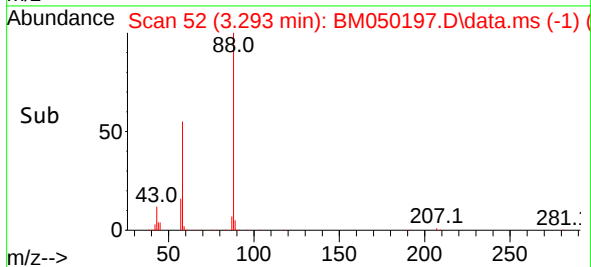
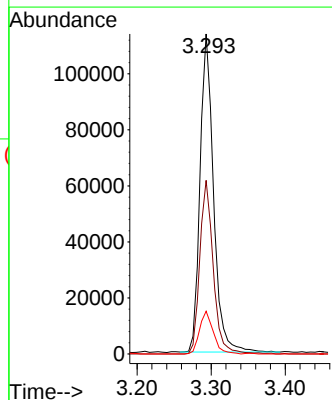
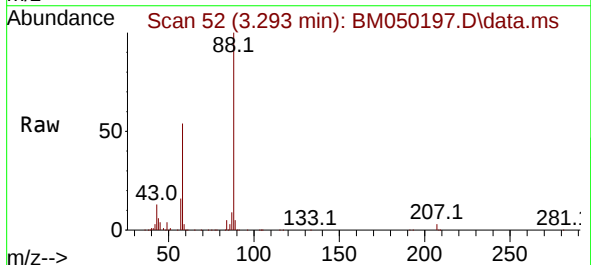
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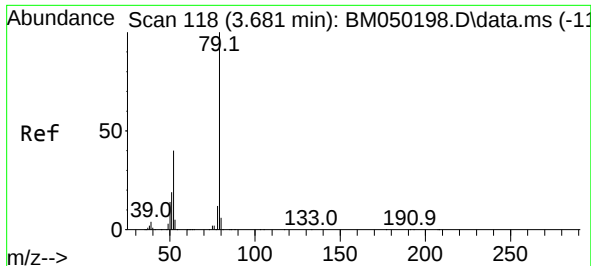
Tgt Ion:152 Resp: 277976
 Ion Ratio Lower Upper
 152 100
 150 155.9 122.2 183.4
 115 59.9 46.3 69.5



#2
 1,4-Dioxane
 Concen: 19.620 ng
 RT: 3.293 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: BM050197.D
 Acq: 05 Jun 2025 11:17

Tgt Ion: 88 Resp: 143316
 Ion Ratio Lower Upper
 88 100
 58 54.4 42.9 64.3
 43 13.7 11.0 16.6

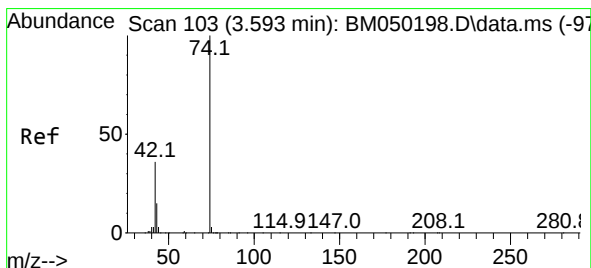
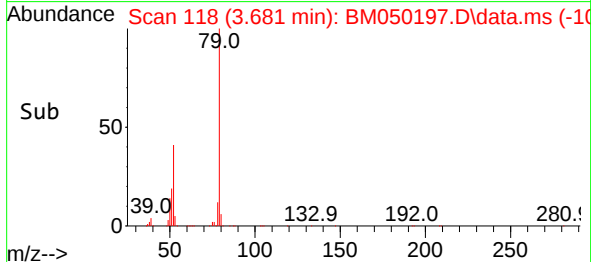
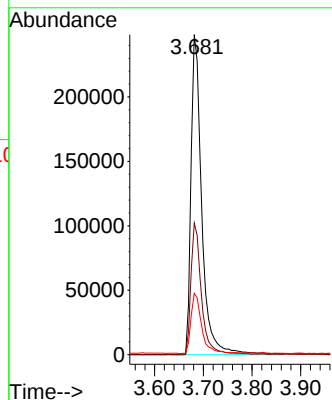
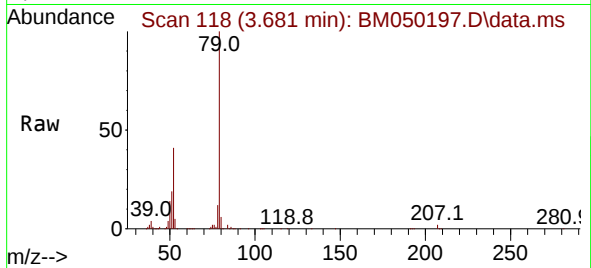




#3
 Pyridine
 Concen: 20.136 ng
 RT: 3.681 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: BM050197.D
 Acq: 05 Jun 2025 11:17

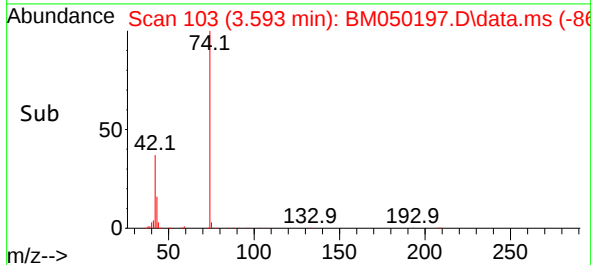
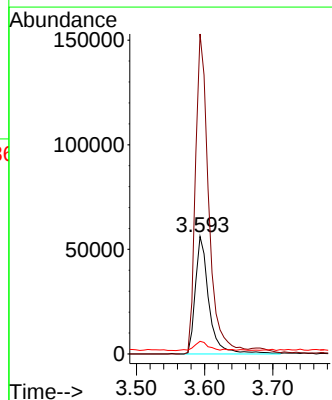
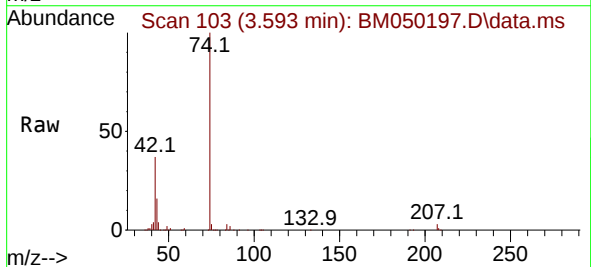
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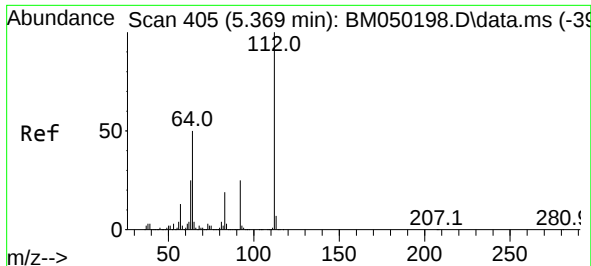
Tgt Ion: 79 Resp: 380901
 Ion Ratio Lower Upper
 79 100
 52 41.1 32.1 48.1
 51 19.2 15.4 23.0



#4
 n-Nitrosodimethylamine
 Concen: 19.815 ng
 RT: 3.593 min Scan# 103
 Delta R.T. -0.000 min
 Lab File: BM050197.D
 Acq: 05 Jun 2025 11:17

Tgt Ion: 42 Resp: 77508
 Ion Ratio Lower Upper
 42 100
 74 272.5 222.0 333.0
 44 10.8 7.0 10.6

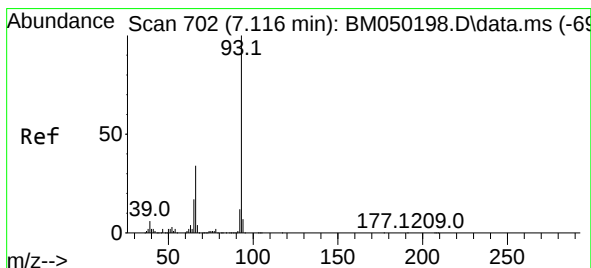
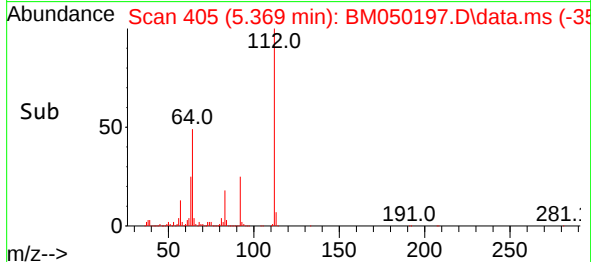
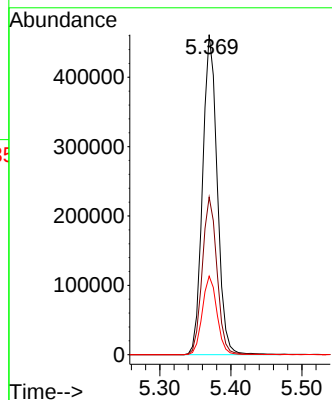
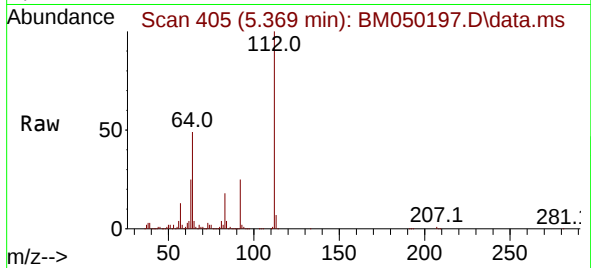




#5
2-Fluorophenol
Concen: 39.759 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.000 min
Lab File: BM050197.D
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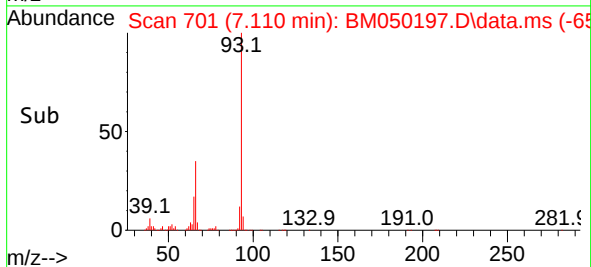
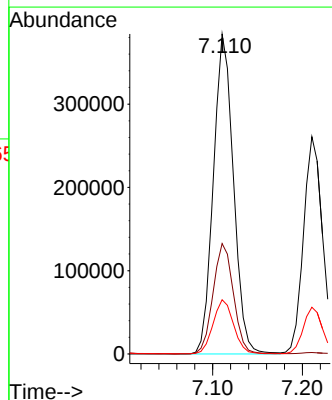
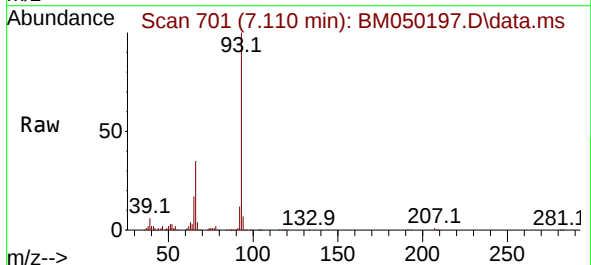
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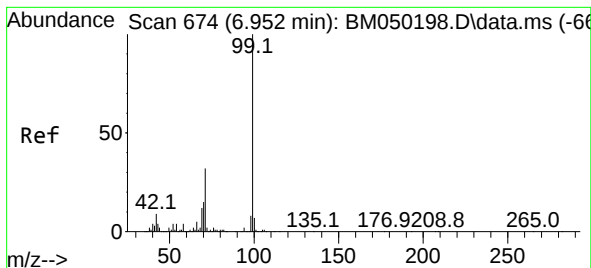
Tgt Ion:112 Resp: 662532
Ion Ratio Lower Upper
112 100
64 49.2 39.8 59.6
63 24.5 19.8 29.8



#6
Aniline
Concen: 20.578 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion: 93 Resp: 596745
Ion Ratio Lower Upper
93 100
66 34.5 27.4 41.2
65 16.9 13.6 20.4





#7

Phenol-d6

Concen: 40.989 ng

RT: 6.946 min Scan# 6

Delta R.T. -0.006 min

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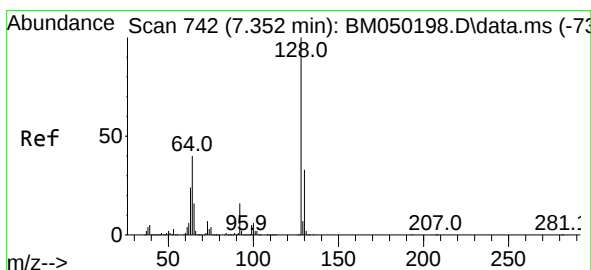
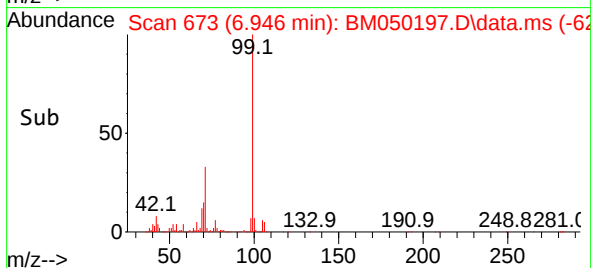
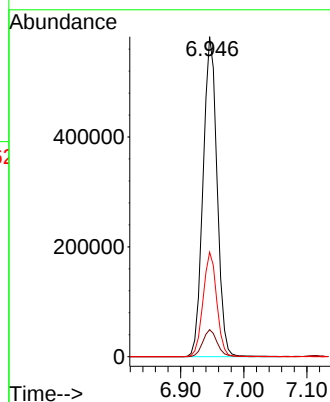
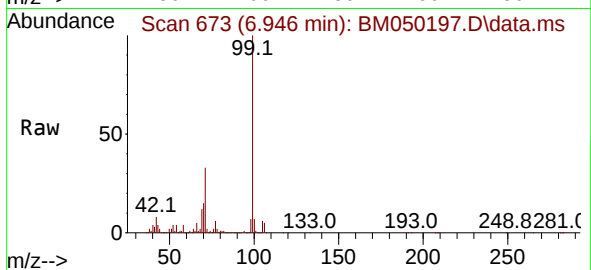
Tgt Ion: 99 Resp: 899139

Ion Ratio Lower Upper

99 100

42 8.4 6.9 10.3

71 32.6 25.3 37.9



#8

2-Chlorophenol

Concen: 20.382 ng

RT: 7.352 min Scan# 742

Delta R.T. -0.000 min

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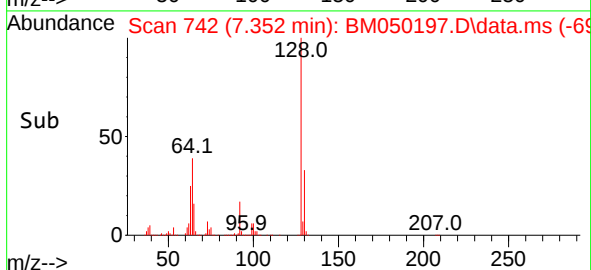
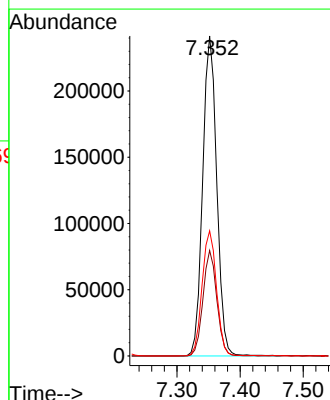
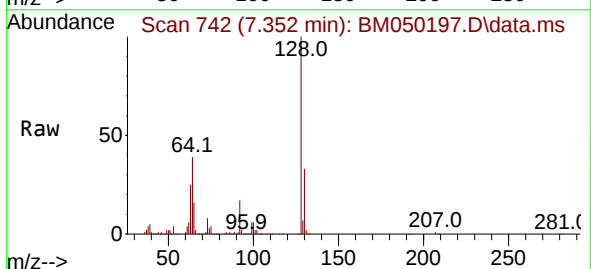
Tgt Ion: 128 Resp: 373594

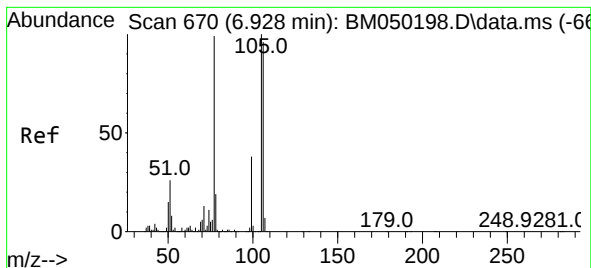
Ion Ratio Lower Upper

128 100

130 32.9 12.6 52.6

64 39.1 19.8 59.8





#9

Benzaldehyde

Concen: 21.841 ng

RT: 6.928 min Scan# 6

Delta R.T. 0.000 min

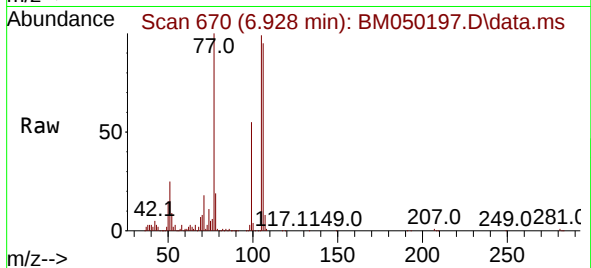
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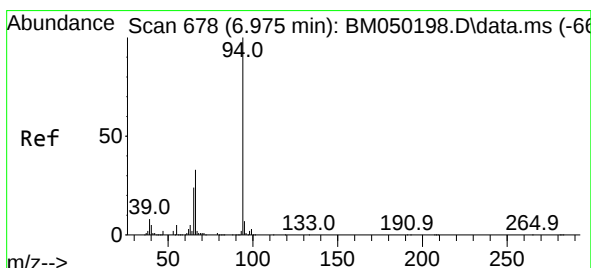
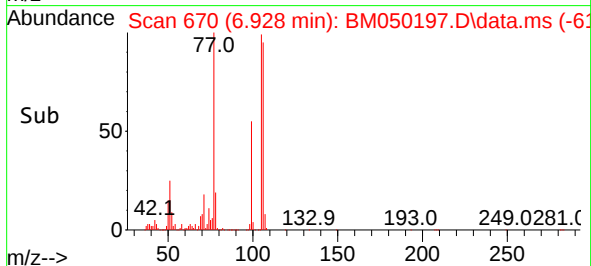
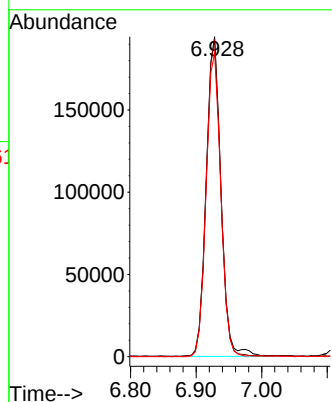
Tgt Ion: 77 Resp: 304611

Ion Ratio Lower Upper

77 100

105 99.2 80.9 120.9

106 95.0 77.1 117.1



#10

Phenol

Concen: 20.474 ng

RT: 6.975 min Scan# 678

Delta R.T. -0.000 min

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Acq: 05 Jun 2025 11:17

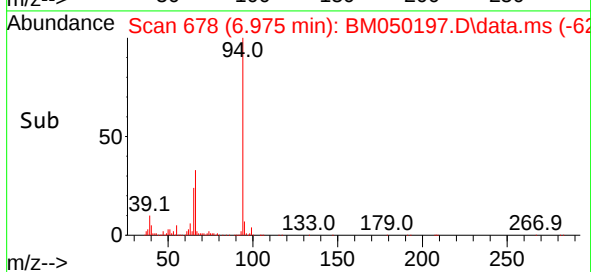
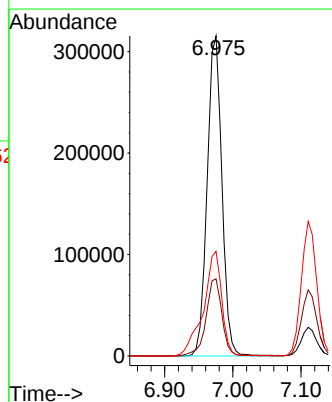
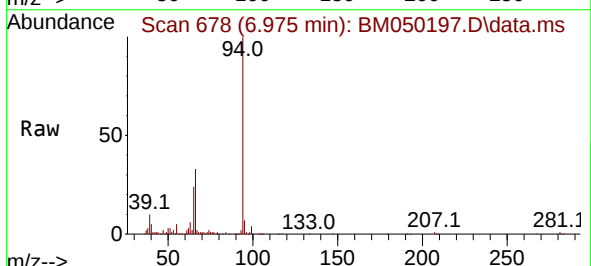
Tgt Ion: 94 Resp: 475205

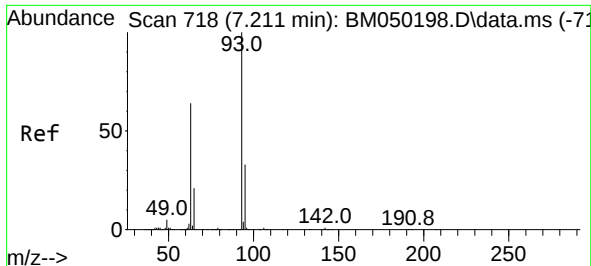
Ion Ratio Lower Upper

94 100

65 24.1 4.3 44.3

66 32.7 12.9 52.9

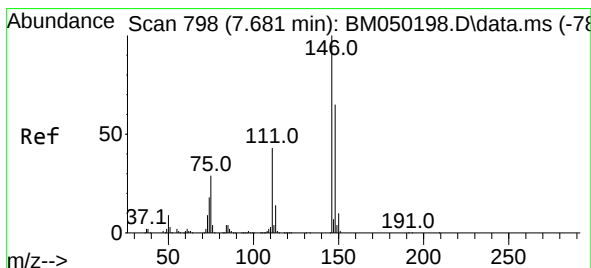
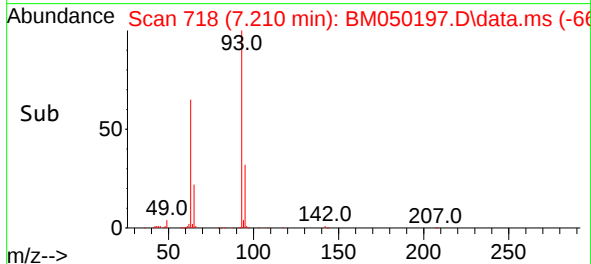
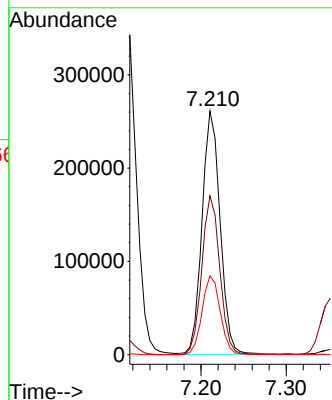
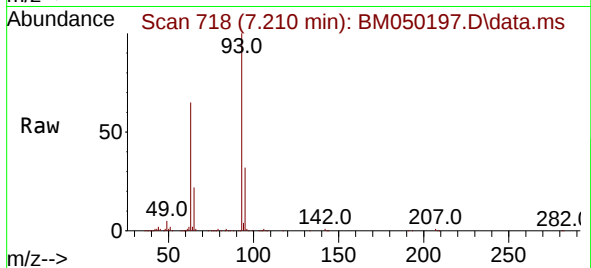




#11
bis(2-Chloroethyl)ether
Concen: 20.543 ng
RT: 7.210 min Scan# 718
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

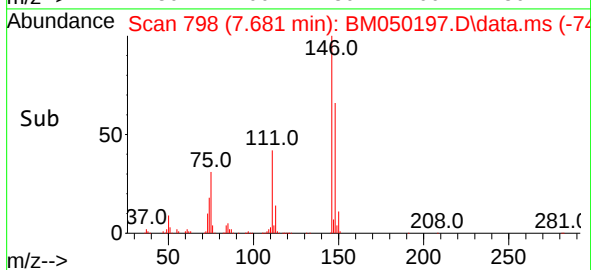
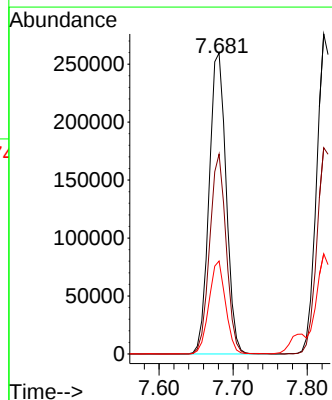
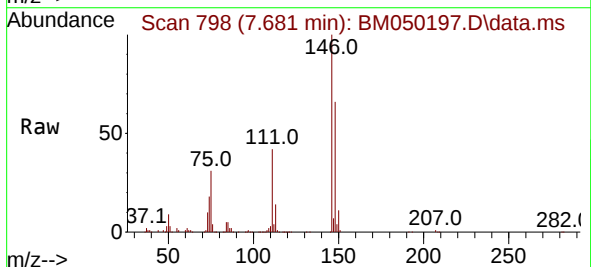
Instrument :
BNA_M
ClientSampleId :

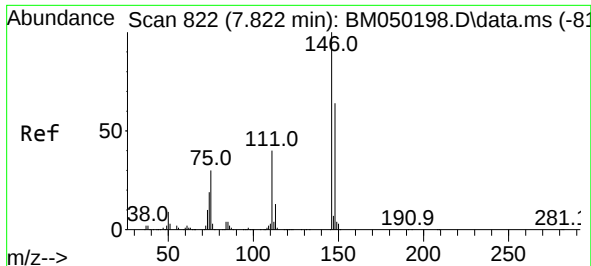
Tgt Ion: 93 Resp: 383515
Ion Ratio Lower Upper
93 100
63 65.3 43.9 83.9
95 32.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 20.230 ng
RT: 7.681 min Scan# 798
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion: 146 Resp: 414543
Ion Ratio Lower Upper
146 100
148 66.4 51.9 77.9
75 30.9 23.4 35.0

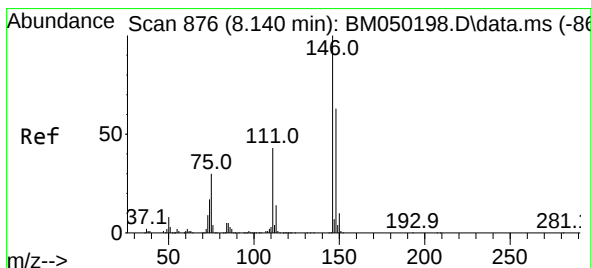
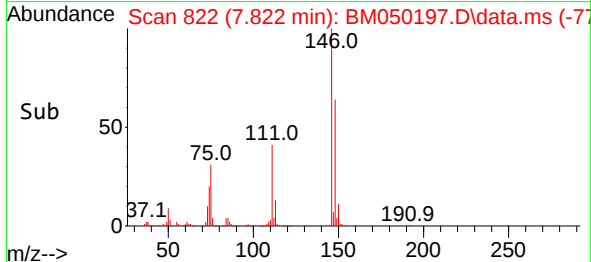
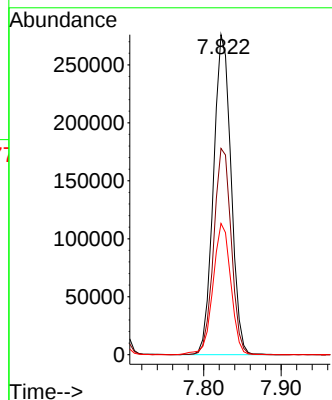
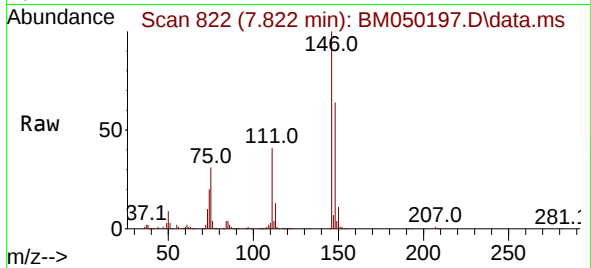




#13
1,4-Dichlorobenzene
Concen: 20.394 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

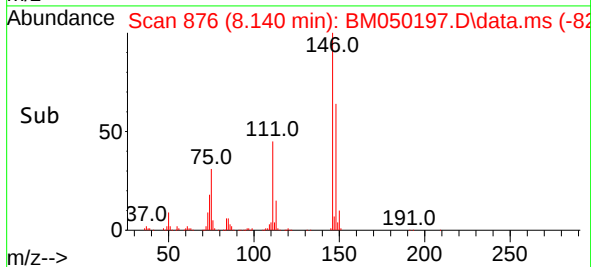
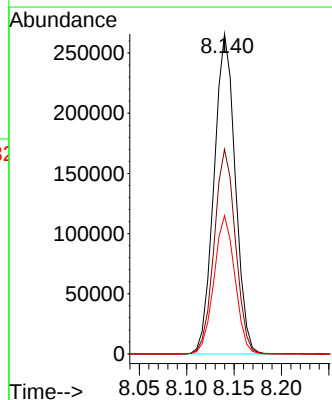
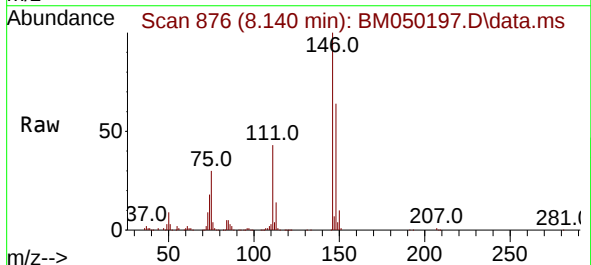
Instrument :
BNA_M
ClientSampleId :

Tgt Ion:146 Resp: 434797
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.0
111 41.0 32.3 48.5



#14
1,2-Dichlorobenzene
Concen: 20.407 ng
RT: 8.140 min Scan# 876
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:146 Resp: 414769
Ion Ratio Lower Upper
146 100
148 63.9 50.4 75.6
111 43.2 34.3 51.5

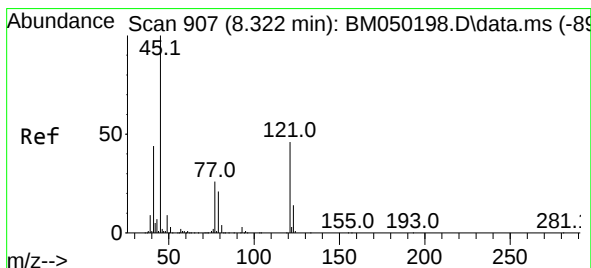
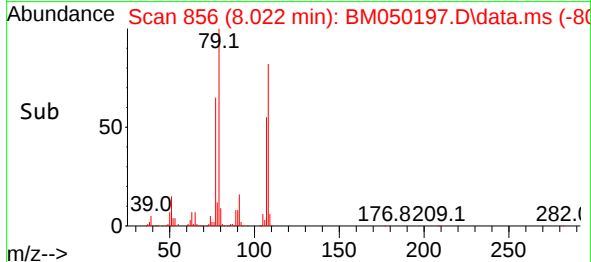
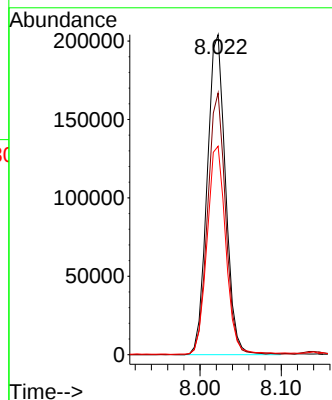
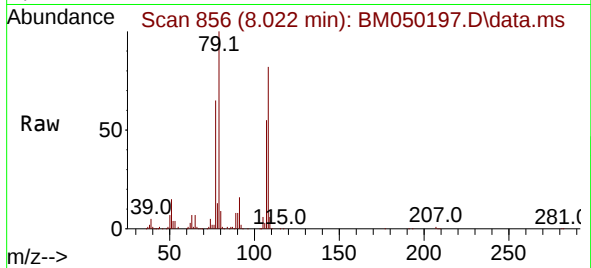




#15
Benzyl Alcohol
Concen: 20.462 ng
RT: 8.022 min Scan# 856
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

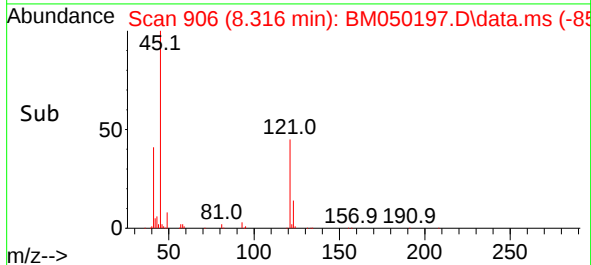
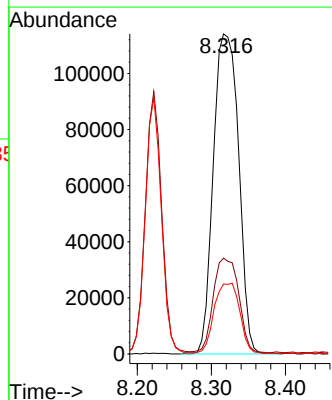
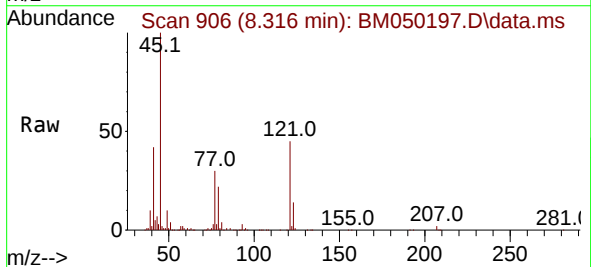
Instrument :
BNA_M
ClientSampleId :

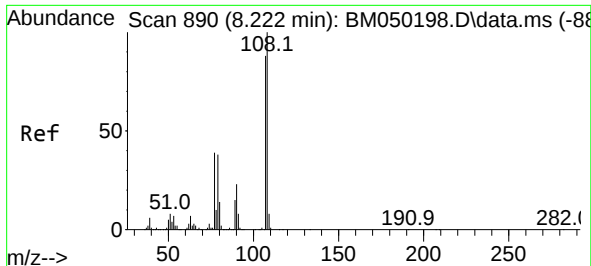
Tgt Ion: 79 Resp: 320142
Ion Ratio Lower Upper
79 100
108 81.8 64.0 96.0
77 65.2 52.2 78.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.873 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion: 45 Resp: 270693
Ion Ratio Lower Upper
45 100
77 30.0 8.7 48.7
79 21.9 2.7 42.7

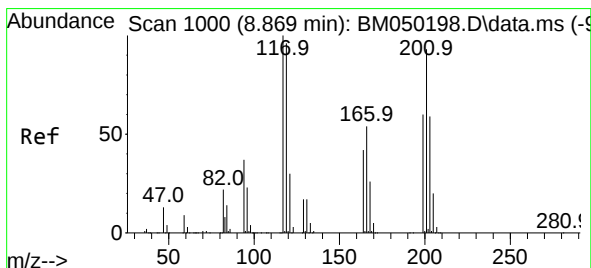
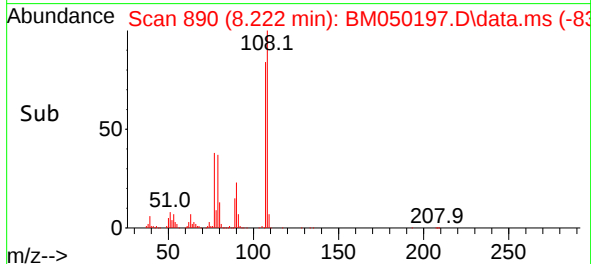
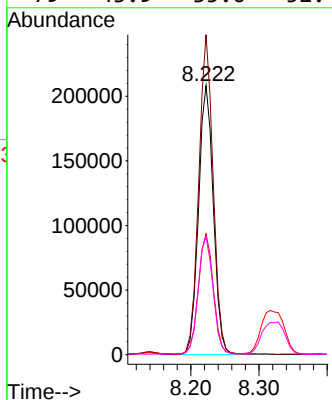
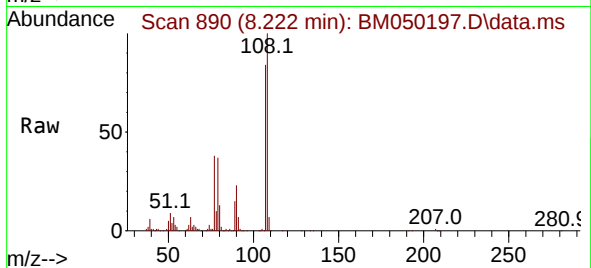




#17
2-Methylphenol
Concen: 20.568 ng
RT: 8.222 min Scan# 890
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

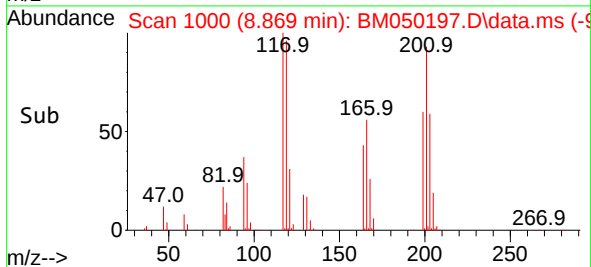
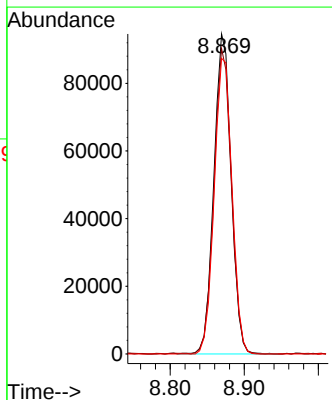
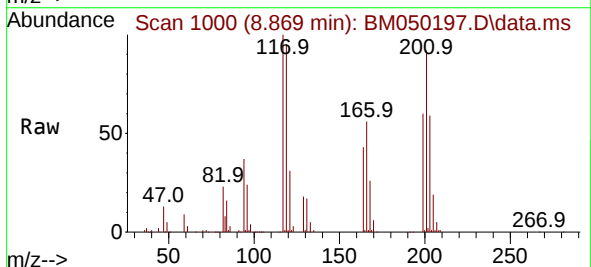
Instrument :
BNA_M
ClientSampleId :

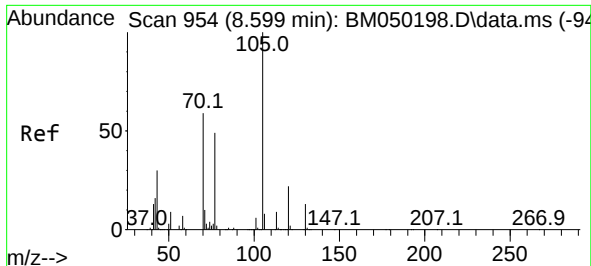
Tgt Ion:	107	Resp:	314991
Ion	Ratio	Lower	Upper
107	100		
108	118.9	90.8	136.2
77	44.9	35.7	53.5
79	43.9	35.0	52.4



#18
Hexachloroethane
Concen: 19.885 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:	117	Resp:	153532
Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.0	115.6
201	92.4	74.6	111.8



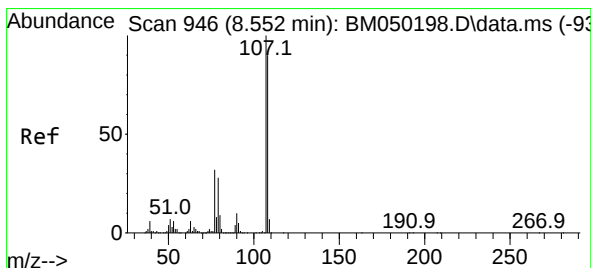
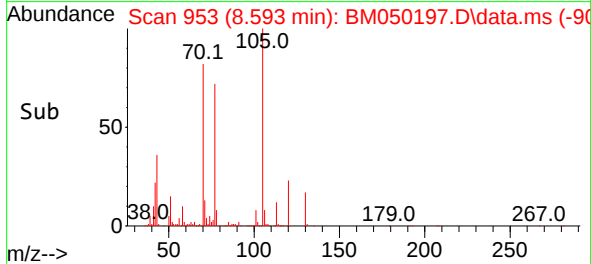
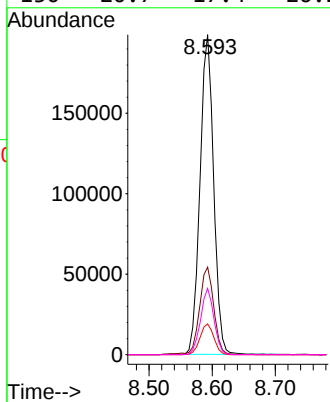
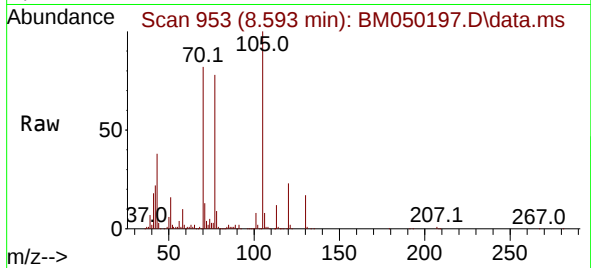


#19
n-Nitroso-di-n-propylamine
Concen: 22.197 ng
RT: 8.593 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 297971

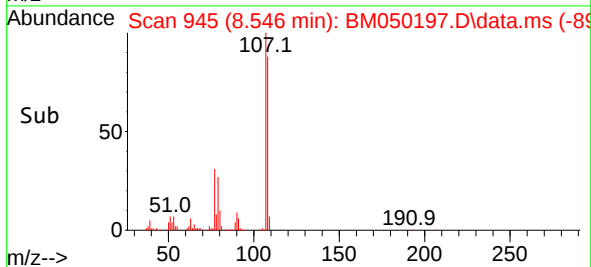
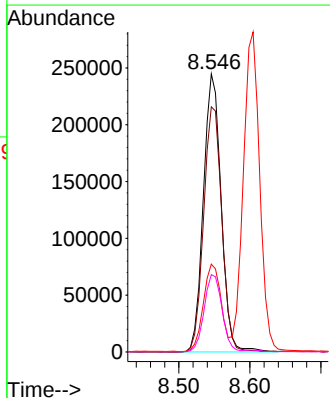
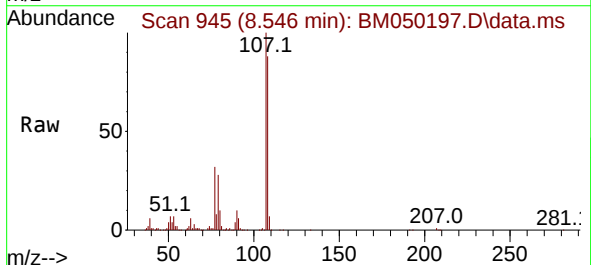
Ion	Ratio	Lower	Upper
70	100		
42	27.4	22.6	33.8
101	9.6	8.3	12.5
130	20.7	17.4	26.2

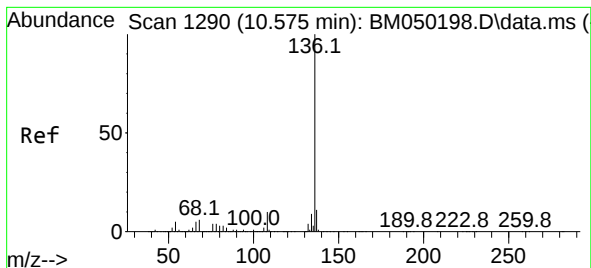


#20
3+4-Methylphenols
Concen: 20.798 ng
RT: 8.546 min Scan# 945
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion: 107 Resp: 426134

Ion	Ratio	Lower	Upper
107	100		
108	88.2	70.4	110.4
77	31.6	12.2	52.2
79	27.8	7.7	47.7

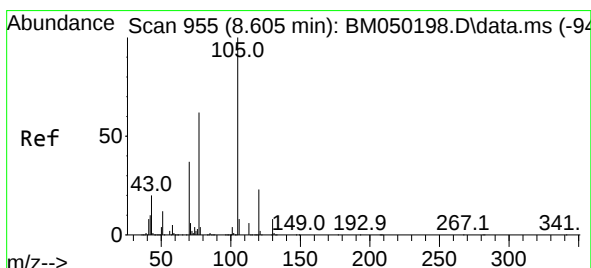
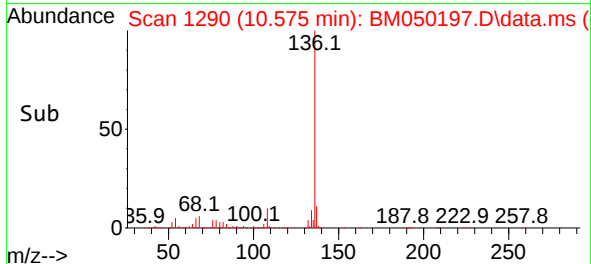
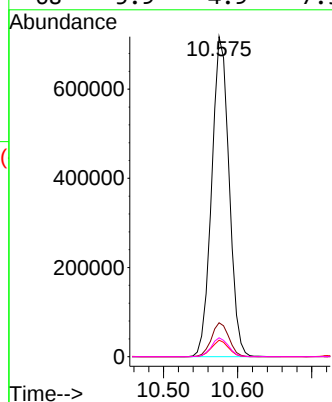
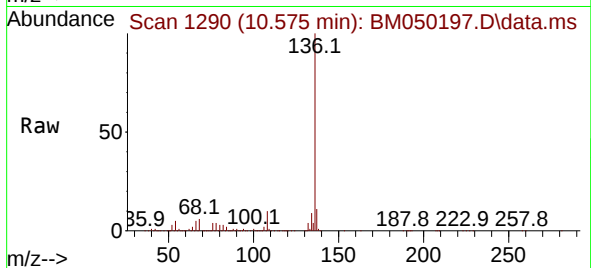




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

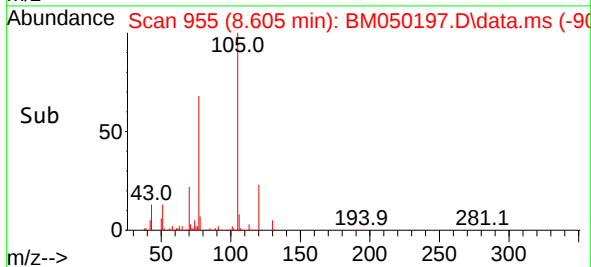
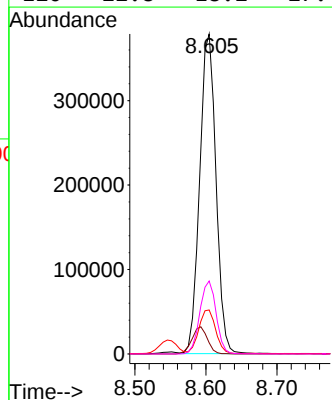
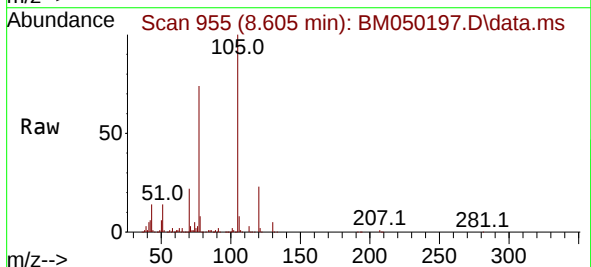
Instrument :
BNA_M
ClientSampleId :

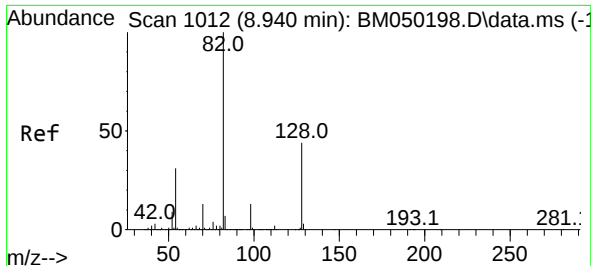
Tgt Ion:136 Resp: 1171357
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 5.1 3.8 5.8
68 5.9 4.9 7.3



#22
Acetophenone
Concen: 20.706 ng
RT: 8.605 min Scan# 955
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:105 Resp: 605945
Ion Ratio Lower Upper
105 100
71 3.5 5.0 7.4#
51 13.7 11.4 17.2
120 22.8 18.2 27.4

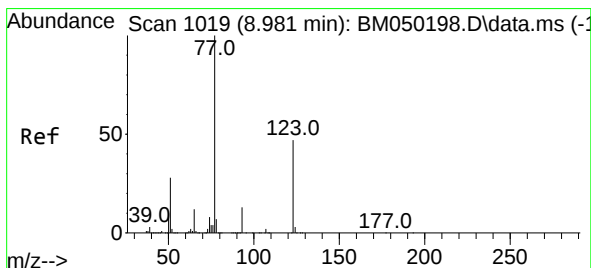
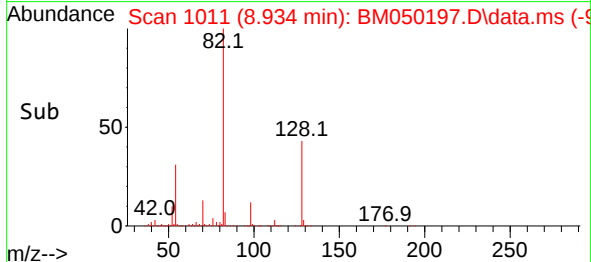
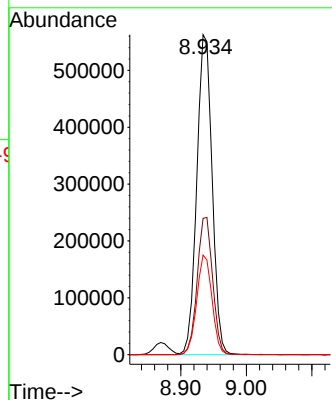
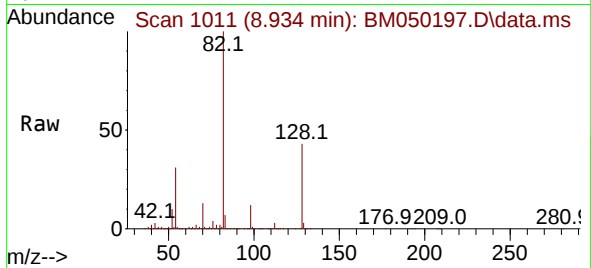




#23
Nitrobenzene-d5
Concen: 40.730 ng
RT: 8.934 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

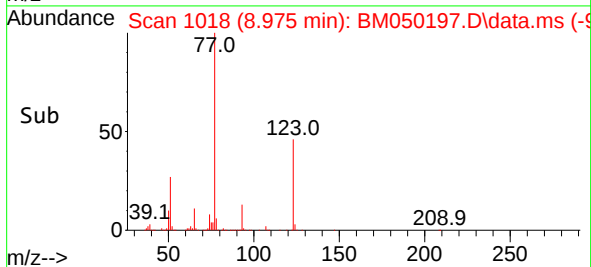
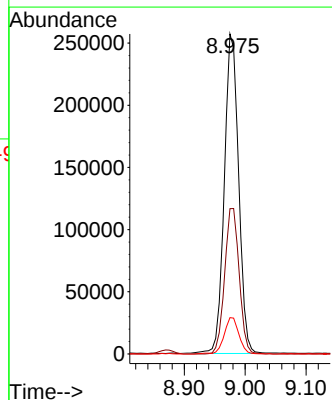
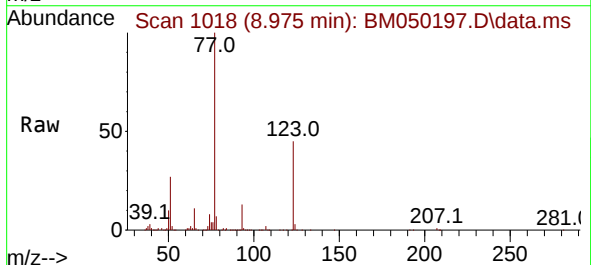
Instrument :
BNA_M
ClientSampleId :

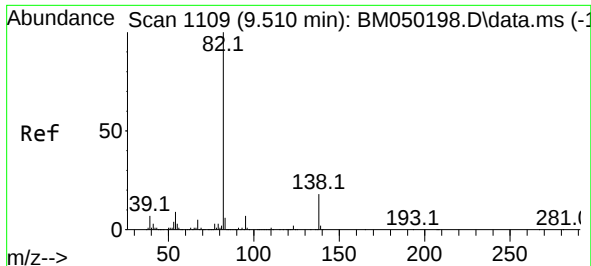
Tgt Ion: 82 Resp: 917335
Ion Ratio Lower Upper
82 100
128 42.6 35.2 52.8
54 31.1 24.5 36.7



#24
Nitrobenzene
Concen: 20.506 ng
RT: 8.975 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

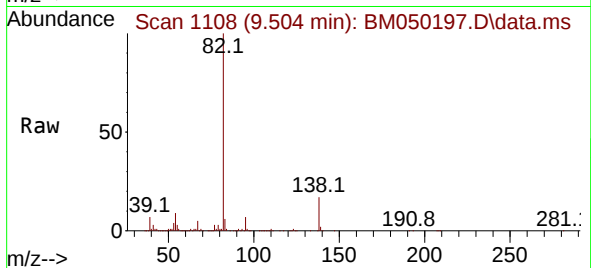
Tgt Ion: 77 Resp: 420036
Ion Ratio Lower Upper
77 100
123 45.4 38.2 57.2
65 11.3 9.5 14.3



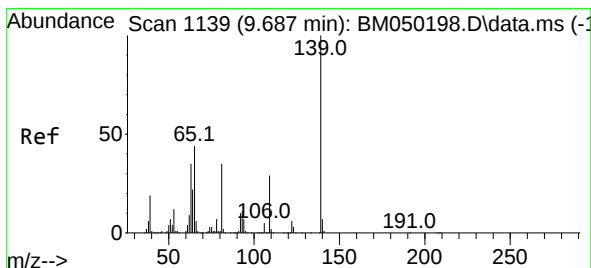
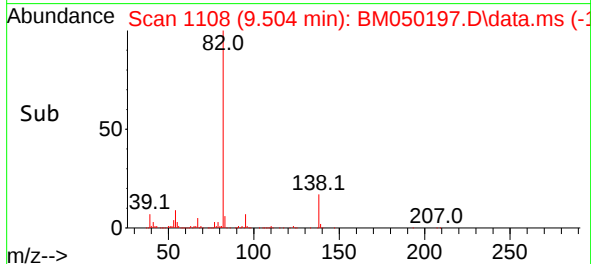
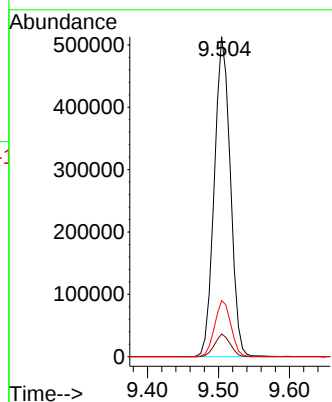


#25
Isophorone
Concen: 20.639 ng
RT: 9.504 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Instrument :
BNA_M
ClientSampleId :

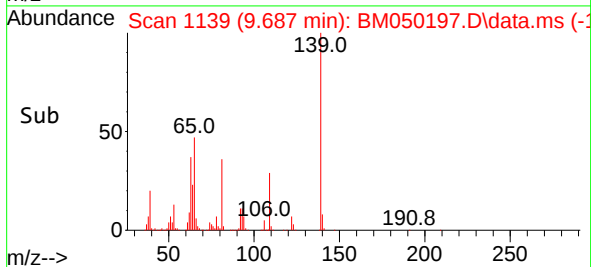
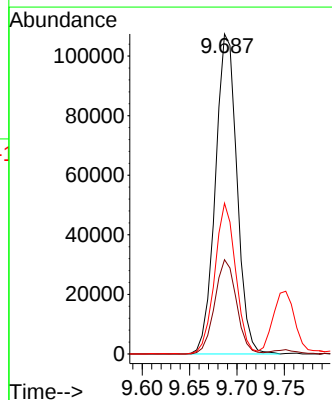
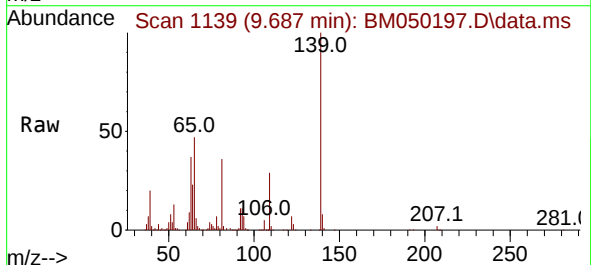


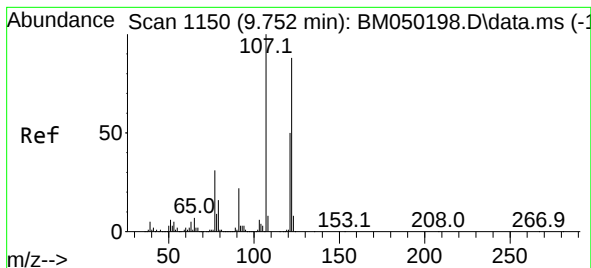
Tgt Ion: 82 Resp: 802320
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 17.5 14.2 21.2



#26
2-Nitrophenol
Concen: 19.294 ng
RT: 9.687 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion: 139 Resp: 170594
Ion Ratio Lower Upper
139 100
109 29.4 23.3 34.9
65 47.1 35.2 52.8

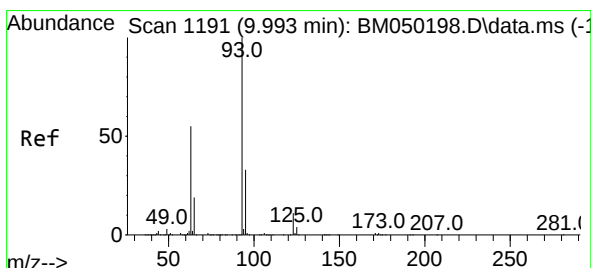
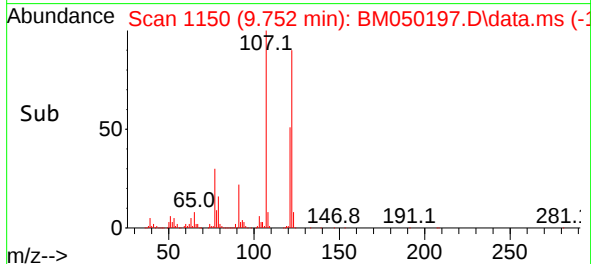
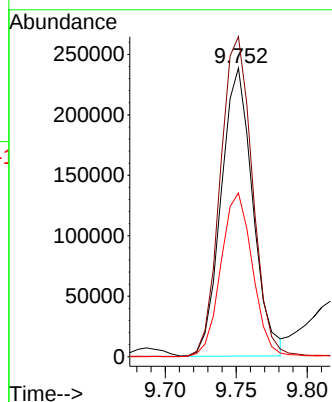
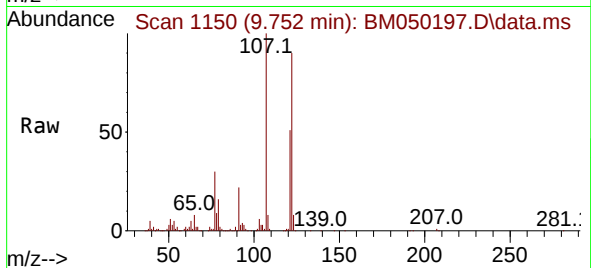




#27
2,4-Dimethylphenol
Concen: 20.275 ng
RT: 9.752 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

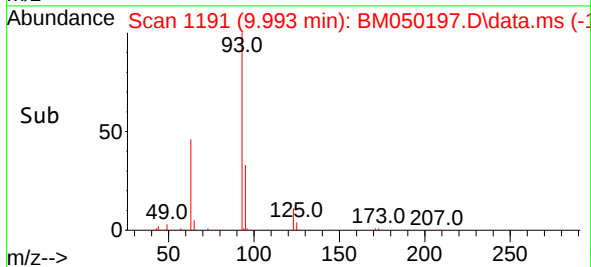
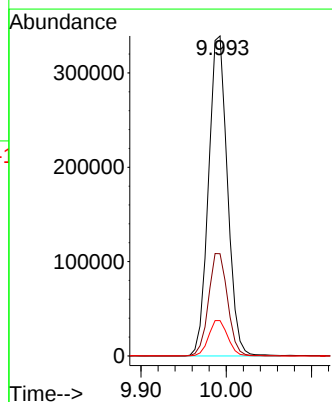
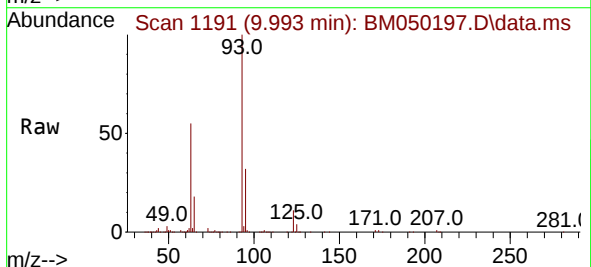
Instrument :
BNA_M
ClientSampleId :

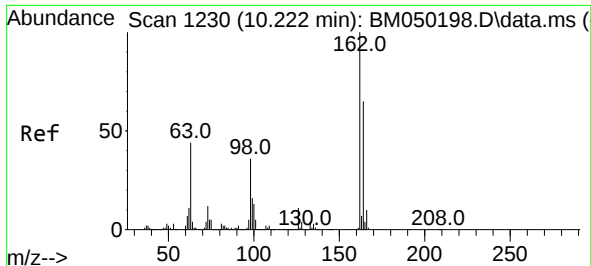
Tgt Ion:122 Resp: 368697
Ion Ratio Lower Upper
122 100
107 110.9 91.0 136.6
121 56.7 45.8 68.6



#28
bis(2-Chloroethoxy)methane
Concen: 20.610 ng
RT: 9.993 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion: 93 Resp: 523393
Ion Ratio Lower Upper
93 100
95 31.9 26.2 39.4
123 11.1 8.9 13.3

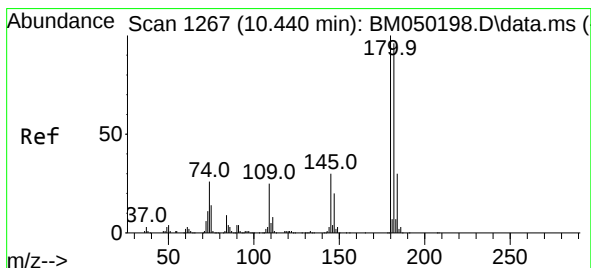
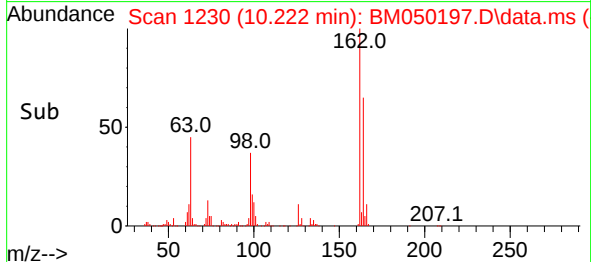
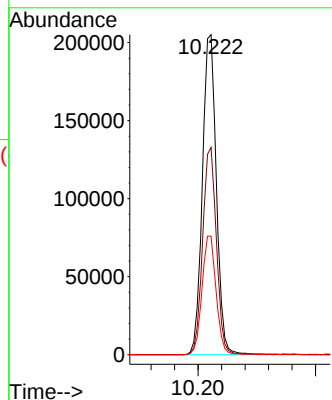
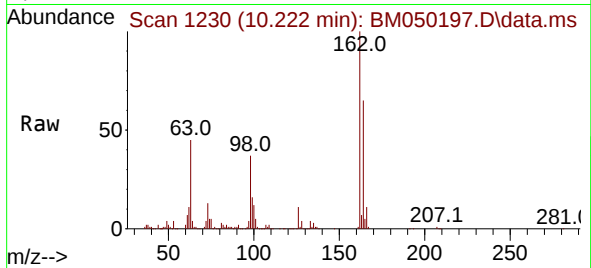




#29
2,4-Dichlorophenol
Concen: 20.118 ng
RT: 10.222 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

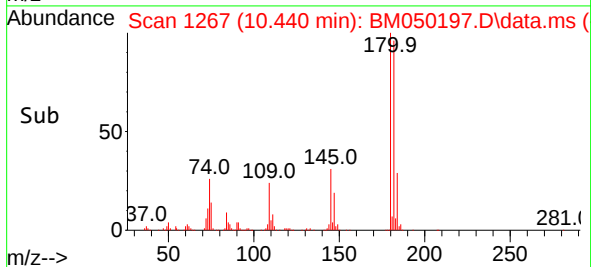
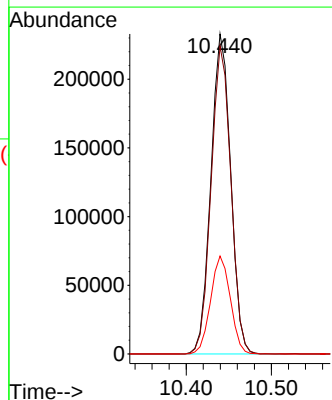
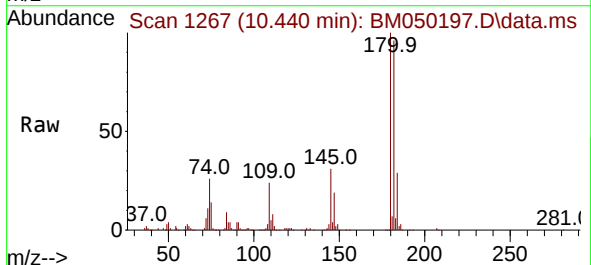
Instrument :
BNA_M
ClientSampleId :

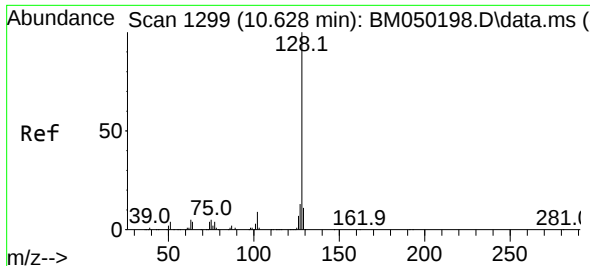
Tgt Ion:162 Resp: 338221
Ion Ratio Lower Upper
162 100
164 64.8 45.0 85.0
98 37.0 16.3 56.3



#30
1,2,4-Trichlorobenzene
Concen: 20.074 ng
RT: 10.440 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:180 Resp: 375562
Ion Ratio Lower Upper
180 100
182 96.2 76.6 114.8
145 30.6 24.2 36.4

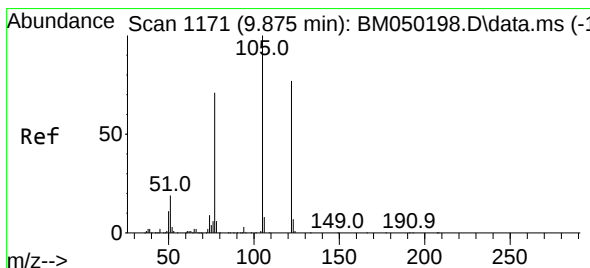
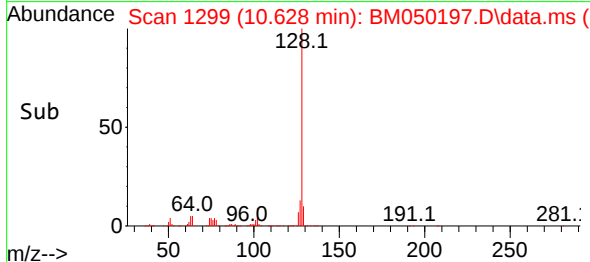
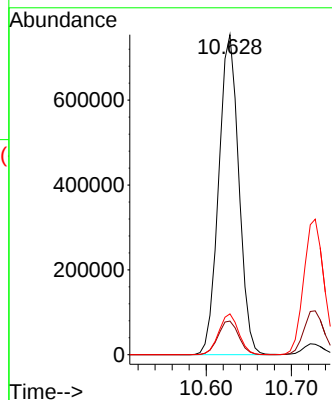
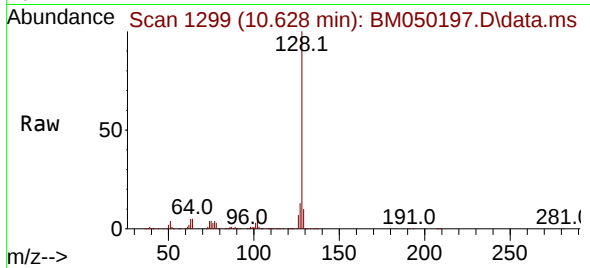




#31
Naphthalene
Concen: 20.419 ng
RT: 10.628 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

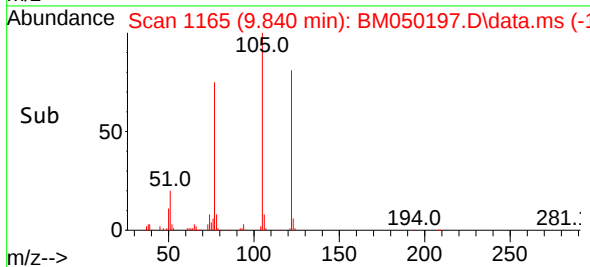
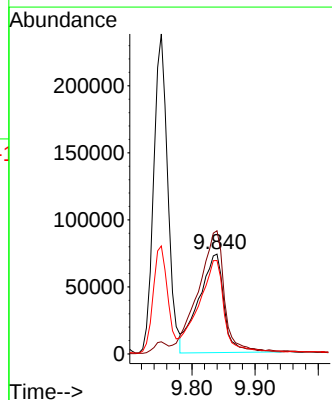
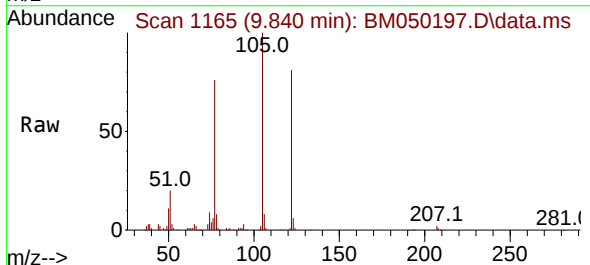
Instrument :
BNA_M
ClientSampleId :

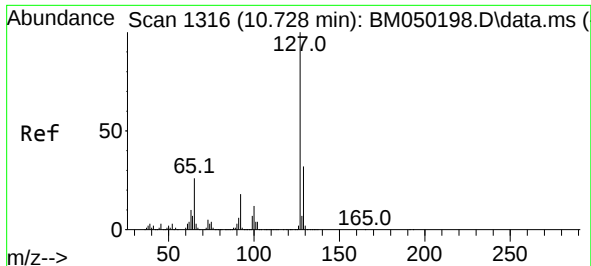
Tgt Ion:128 Resp: 1236626
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 12.8 10.2 15.4



#32
Benzoic acid
Concen: 18.032 ng
RT: 9.840 min Scan# 1165
Delta R.T. -0.035 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:122 Resp: 205878
Ion Ratio Lower Upper
122 100
105 123.3 103.4 143.4
77 93.5 70.3 110.3

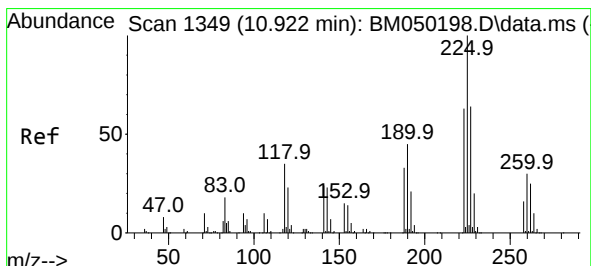
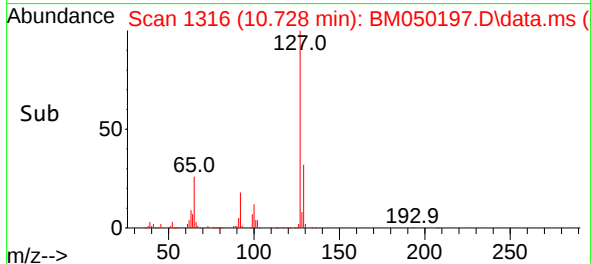
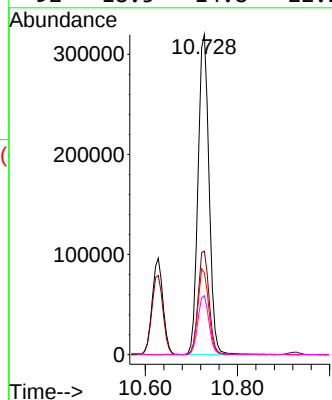
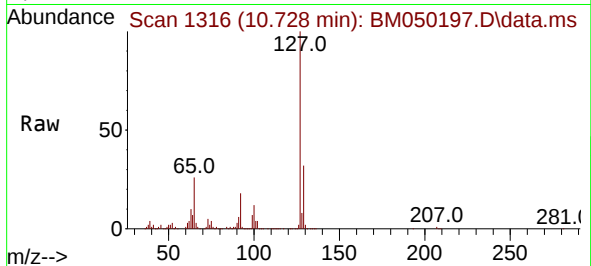




#33
4-Chloroaniline
Concen: 20.585 ng
RT: 10.728 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

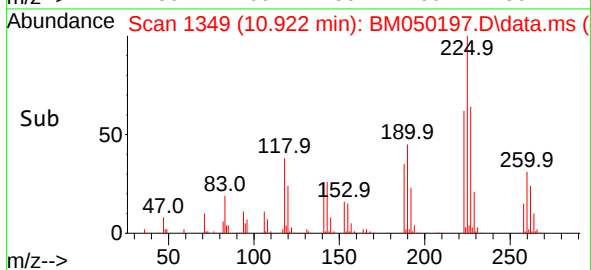
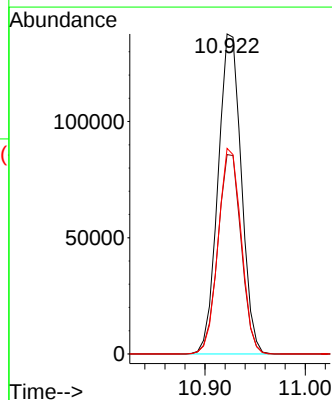
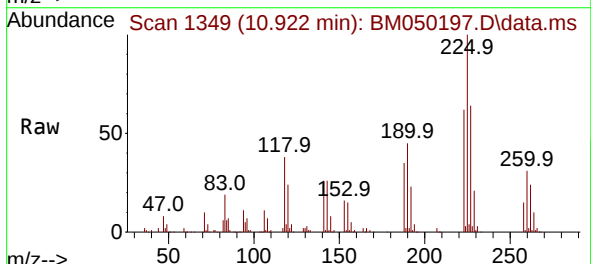
Instrument :
BNA_M
ClientSampleId :

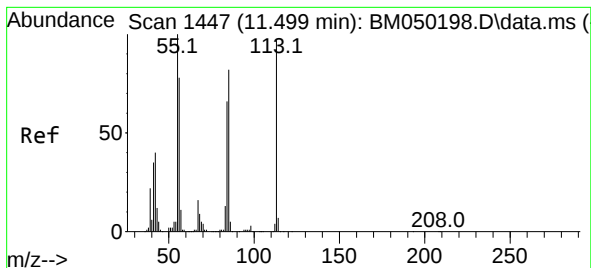
Tgt Ion:127	Resp: 531493
Ion Ratio	Lower Upper
127 100	
129 32.3	25.4 38.0
65 25.6	21.0 31.4
92 18.5	14.8 22.2



#34
Hexachlorobutadiene
Concen: 19.910 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:225	Resp: 221558		
Ion Ratio	Lower	Upper	
225 100			
223 62.3	50.2	75.2	
227 64.3	51.0	76.4	





#35

Caprolactam

Concen: 20.483 ng

RT: 11.481 min Scan# 1444

Delta R.T. -0.018 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

Instrument :

BNA_M

ClientSampleId :

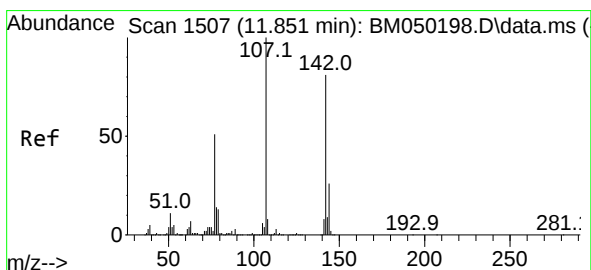
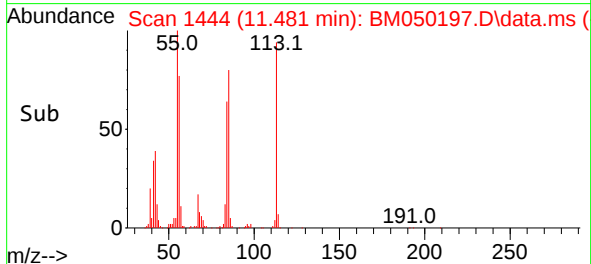
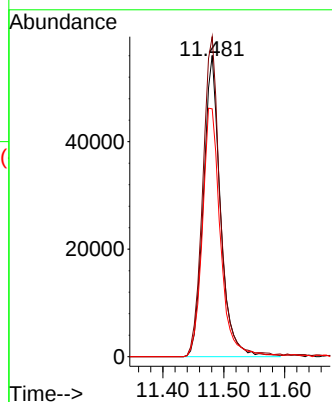
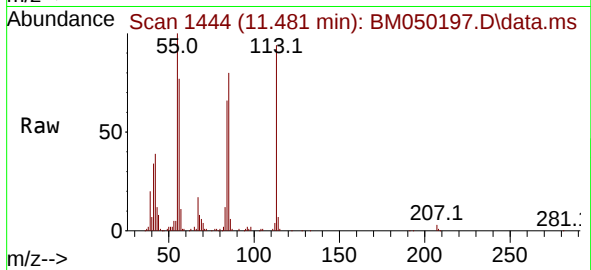
Tgt Ion:113 Resp: 109175

Ion Ratio Lower Upper

113 100

55 106.2 83.5 123.5

56 82.3 60.6 100.6



#36

4-Chloro-3-methylphenol

Concen: 20.433 ng

RT: 11.851 min Scan# 1507

Delta R.T. -0.000 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

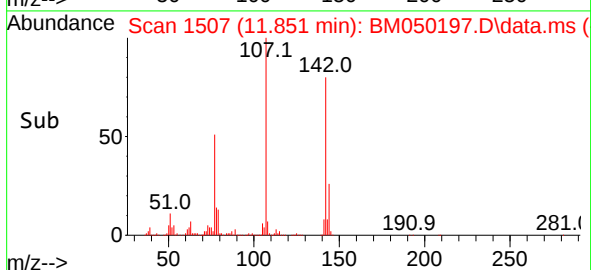
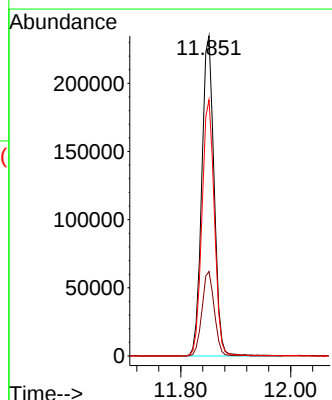
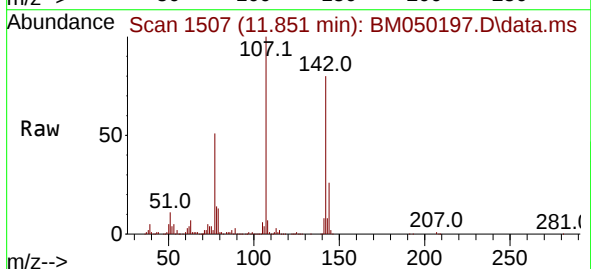
Tgt Ion:107 Resp: 366554

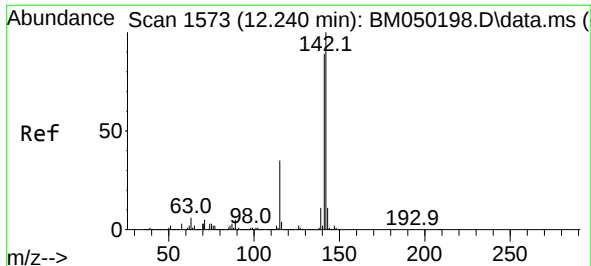
Ion Ratio Lower Upper

107 100

144 26.4 21.0 31.6

142 80.0 64.8 97.2

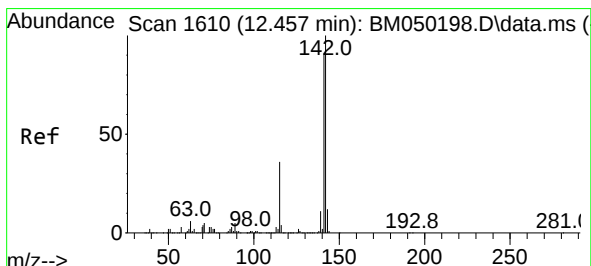
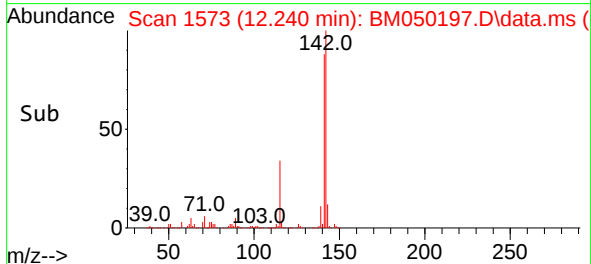
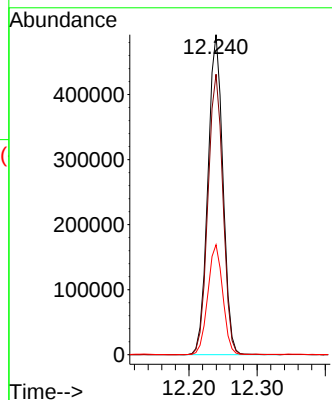
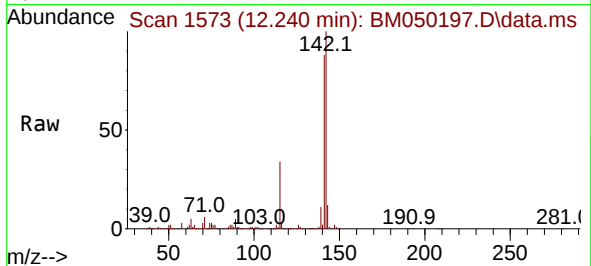




#37
2-Methylnaphthalene
Concen: 20.607 ng
RT: 12.240 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

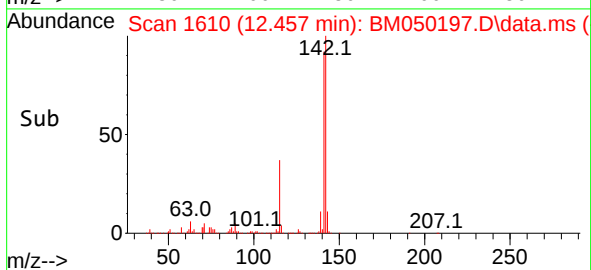
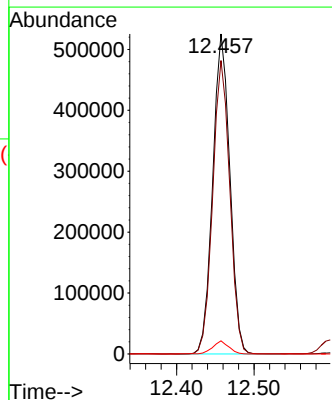
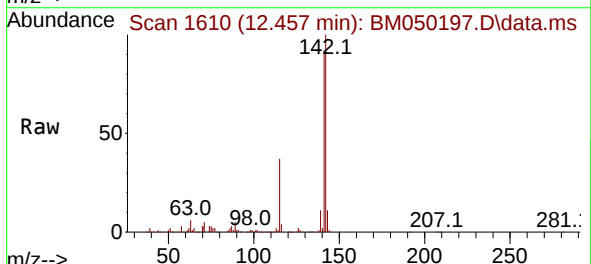
Instrument :
BNA_M
ClientSampleId :

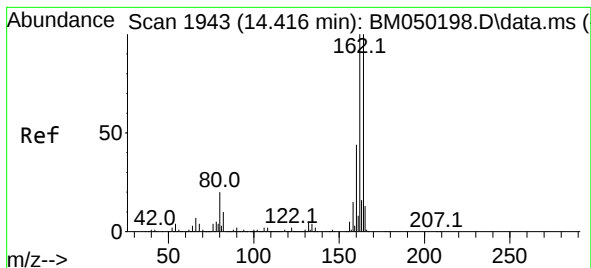
Tgt Ion:142 Resp: 752886
Ion Ratio Lower Upper
142 100
141 87.7 71.5 107.3
115 34.3 27.8 41.8



#38
1-Methylnaphthalene
Concen: 20.803 ng
RT: 12.457 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:142 Resp: 806687
Ion Ratio Lower Upper
142 100
141 91.7 72.9 109.3
116 4.1 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.416 min Scan# 1943

Delta R.T. -0.000 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

Instrument :

BNA_M

ClientSampleId :

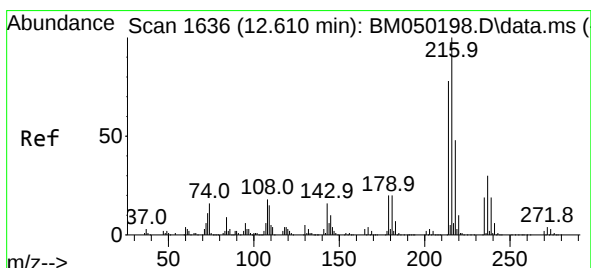
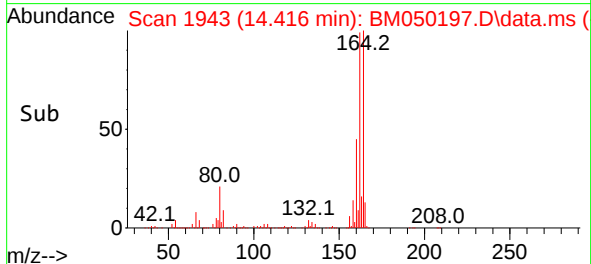
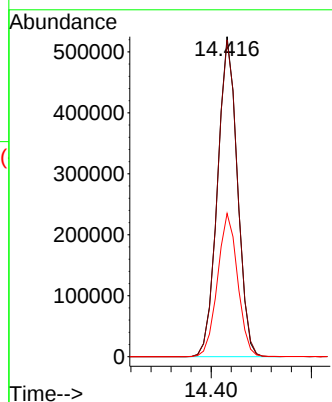
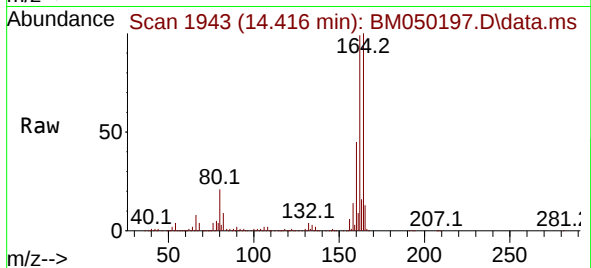
Tgt Ion:164 Resp: 720692

Ion Ratio Lower Upper

164 100

162 99.0 80.2 120.4

160 44.8 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.257 ng

RT: 12.610 min Scan# 1636

Delta R.T. -0.000 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

Tgt Ion:216 Resp: 421559

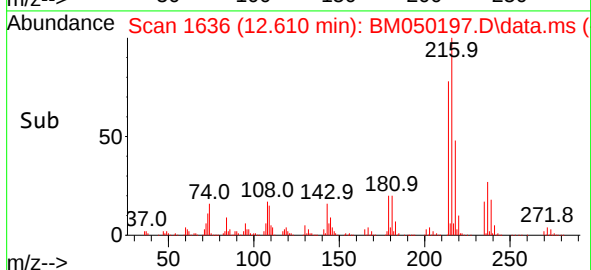
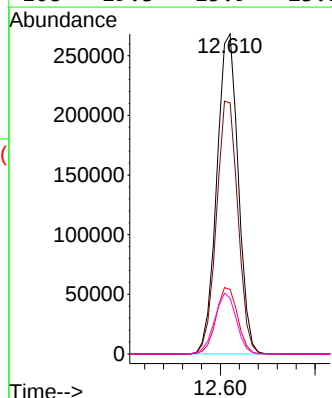
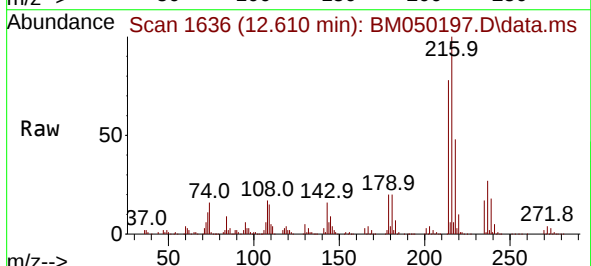
Ion Ratio Lower Upper

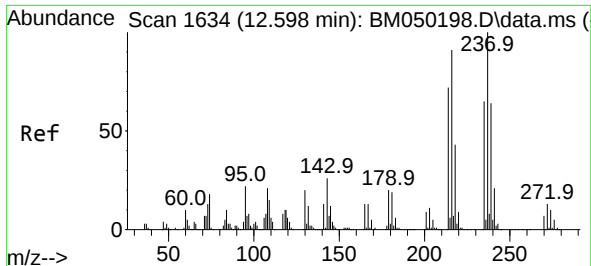
216 100

214 79.0 63.0 94.4

179 20.9 16.6 25.0

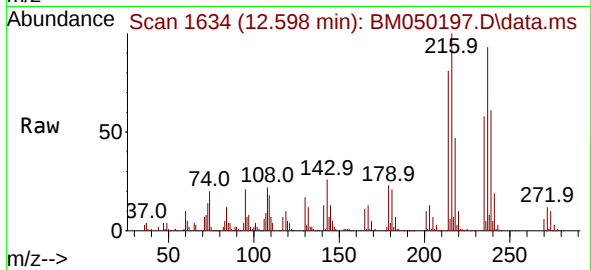
108 19.3 15.9 23.9



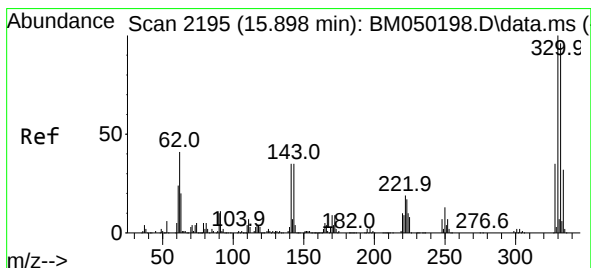
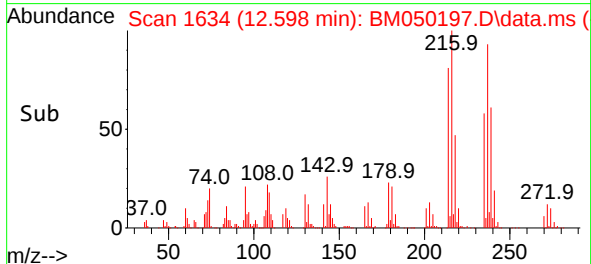
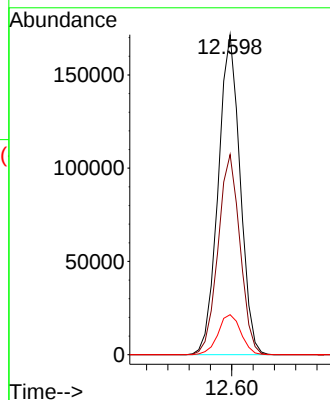


#41
Hexachlorocyclopentadiene
Concen: 19.326 ng
RT: 12.598 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Instrument :
BNA_M
ClientSampleId :

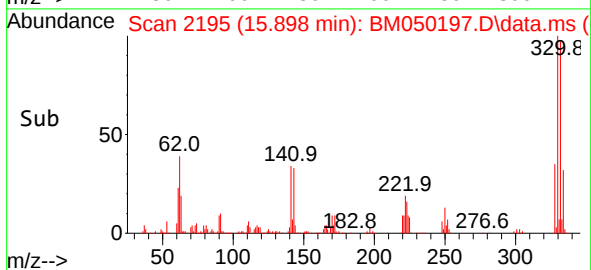
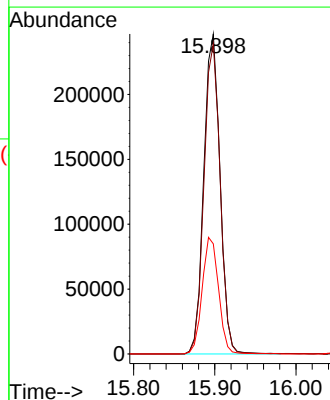
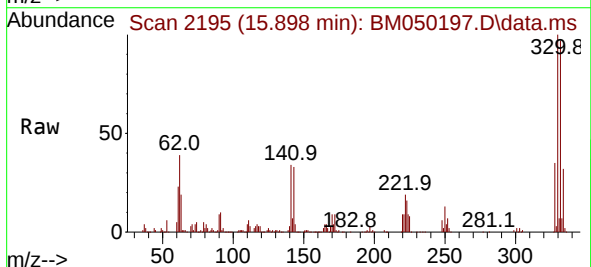


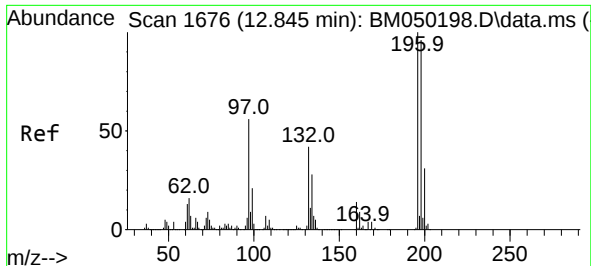
Tgt Ion:237 Resp: 244251
Ion Ratio Lower Upper
237 100
235 62.6 44.6 84.6
272 12.5 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 41.770 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:330 Resp: 342402
Ion Ratio Lower Upper
330 100
332 96.7 77.5 116.3
141 36.8 28.8 43.2

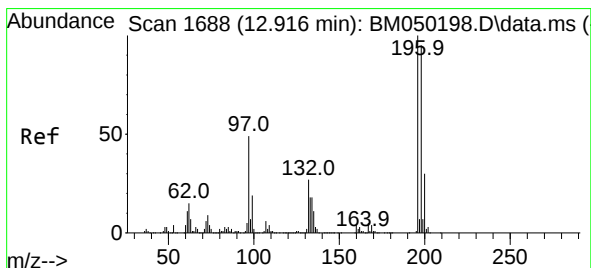
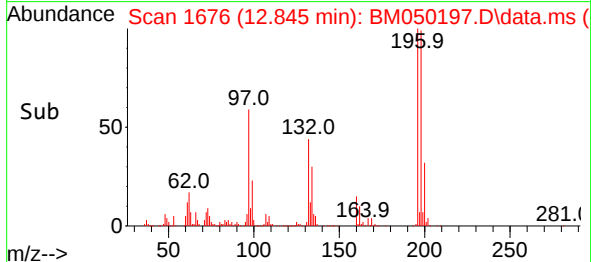
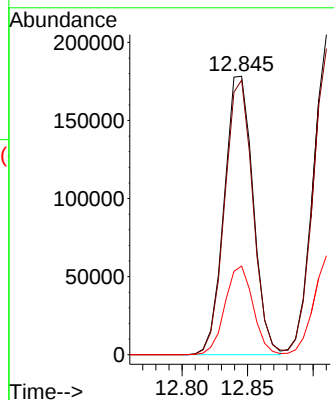
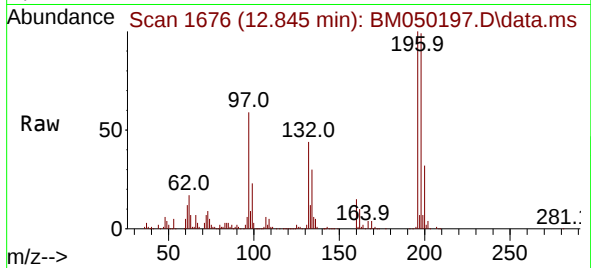




#43
2,4,6-Trichlorophenol
Concen: 19.971 ng
RT: 12.845 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

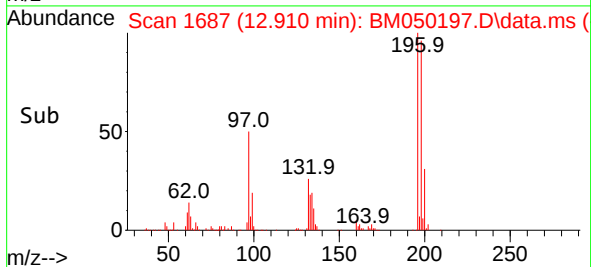
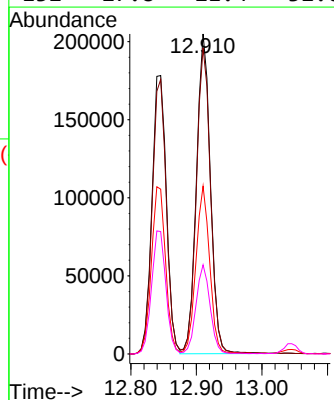
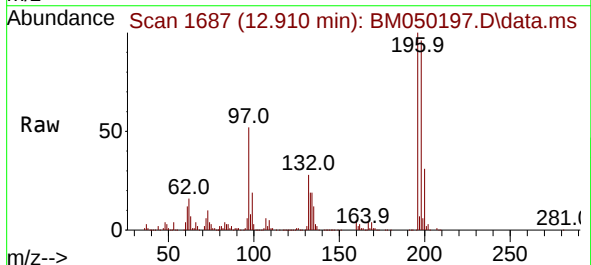
Instrument :
BNA_M
ClientSampleId :

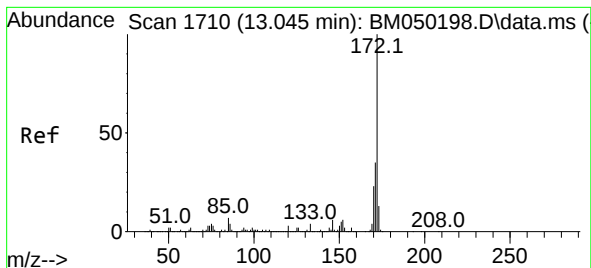
Tgt Ion:196 Resp: 273306
Ion Ratio Lower Upper
196 100
198 98.7 76.6 115.0
200 31.9 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 20.334 ng
RT: 12.910 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:196 Resp: 305541
Ion Ratio Lower Upper
196 100
198 95.6 76.1 114.1
97 52.4 39.3 58.9
132 27.8 21.4 32.0





#45

2-Fluorobiphenyl

Concen: 41.494 ng

RT: 13.045 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

Instrument :

BNA_M

ClientSampleId :

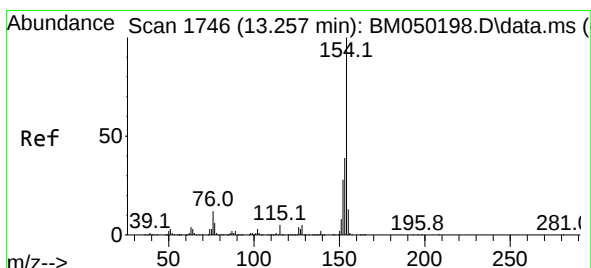
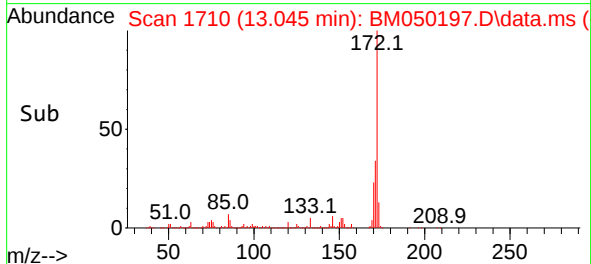
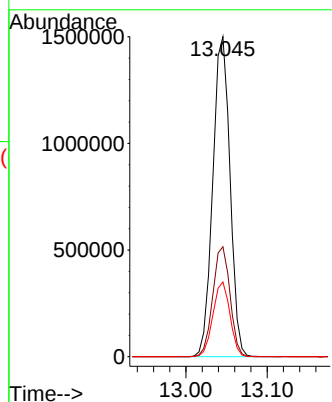
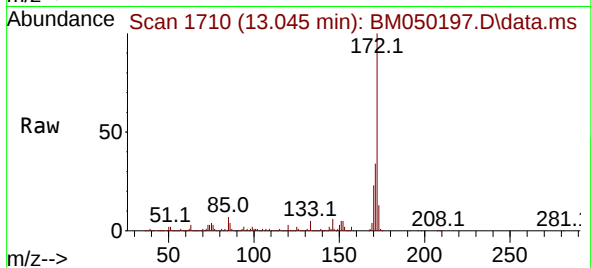
Tgt Ion:172 Resp: 2208837

Ion Ratio Lower Upper

172 100

171 34.3 27.8 41.6

170 23.3 18.6 27.8



#46

1,1'-Biphenyl

Concen: 20.221 ng

RT: 13.251 min Scan# 1745

Delta R.T. -0.006 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

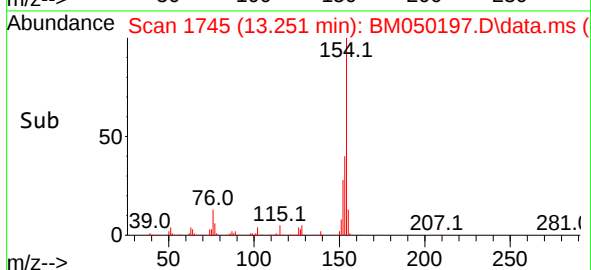
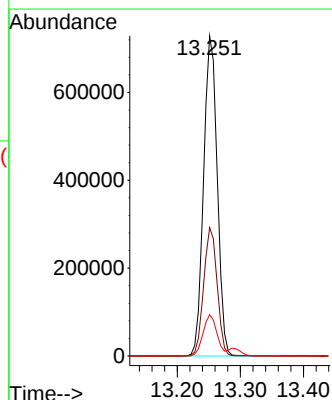
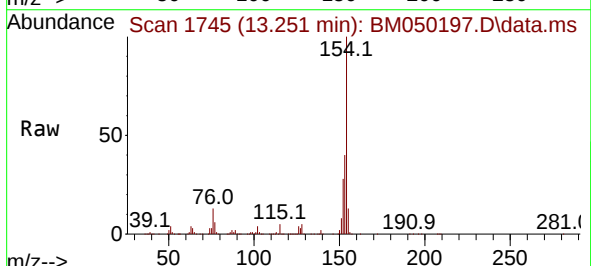
Tgt Ion:154 Resp: 1091201

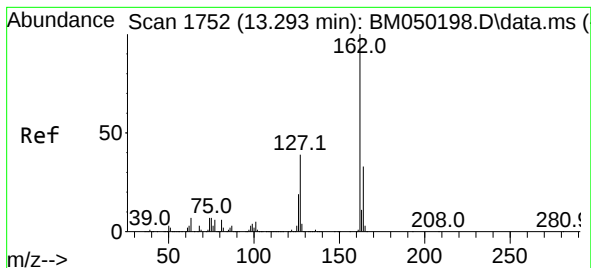
Ion Ratio Lower Upper

154 100

153 40.1 19.2 59.2

76 12.9 0.0 32.0





#47

2-Chloronaphthalene

Concen: 20.269 ng

RT: 13.292 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

Instrument :

BNA_M

ClientSampleId :

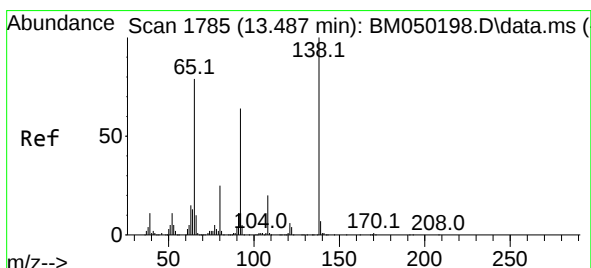
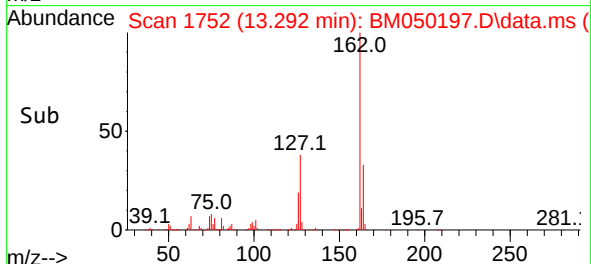
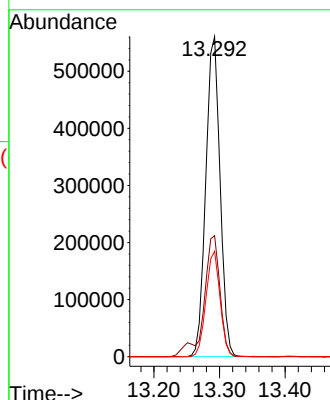
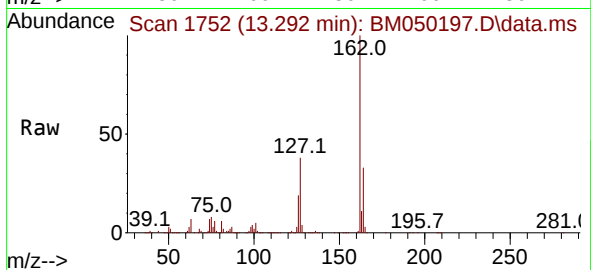
Tgt Ion:162 Resp: 850349

Ion Ratio Lower Upper

162 100

127 37.9 31.1 46.7

164 33.0 26.5 39.7



#48

2-Nitroaniline

Concen: 19.634 ng

RT: 13.481 min Scan# 1784

Delta R.T. -0.006 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

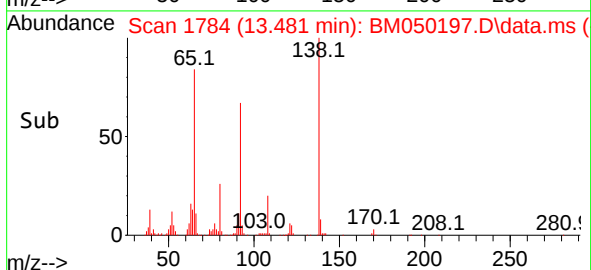
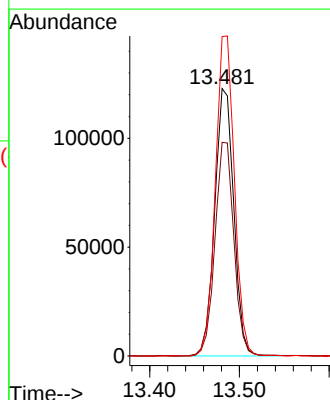
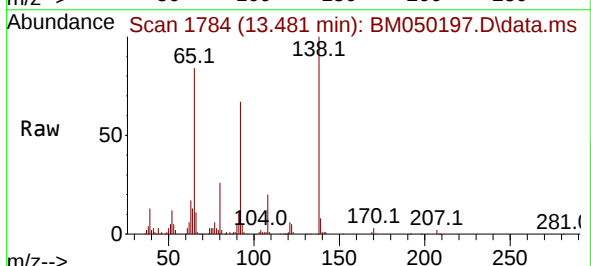
Tgt Ion: 65 Resp: 181276

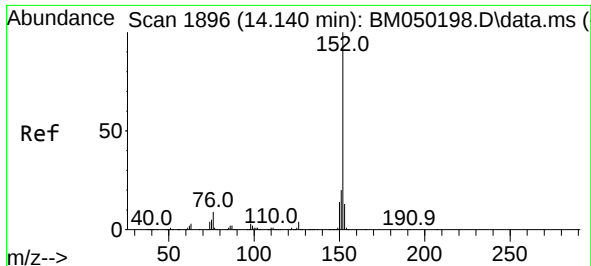
Ion Ratio Lower Upper

65 100

92 79.9 64.2 96.4

138 119.4 101.0 151.4

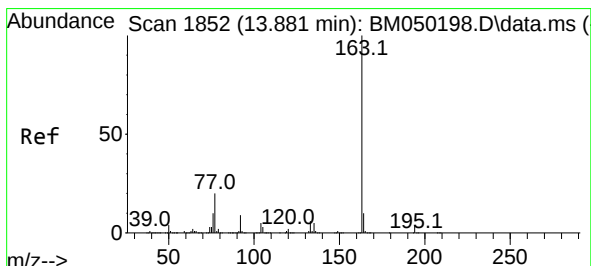
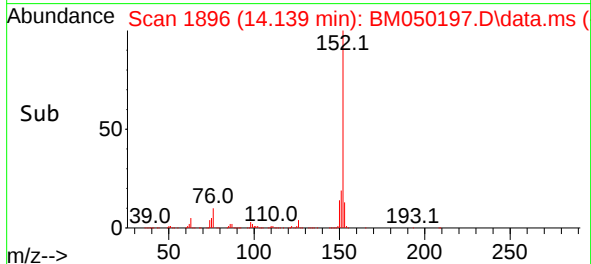
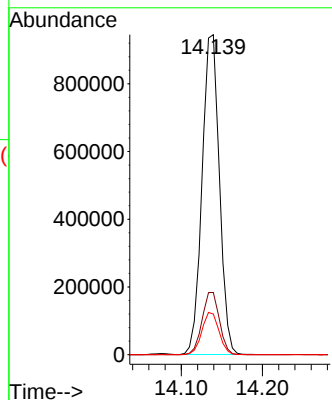
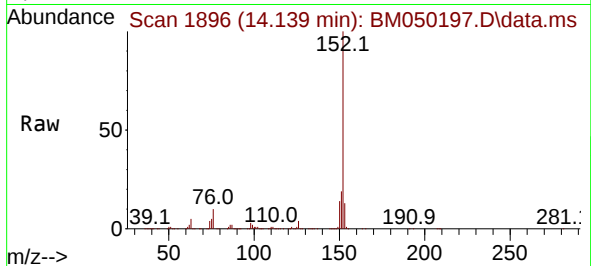




#49
Acenaphthylene
Concen: 20.607 ng
RT: 14.139 min Scan# 1896
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

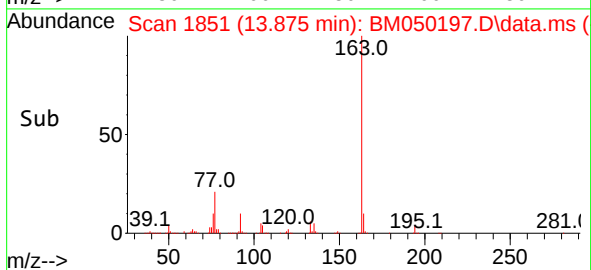
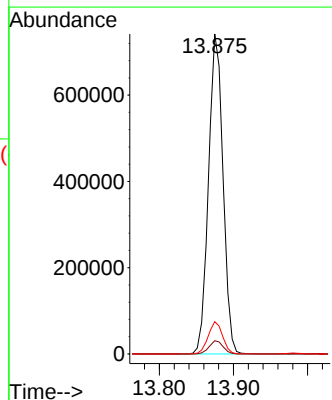
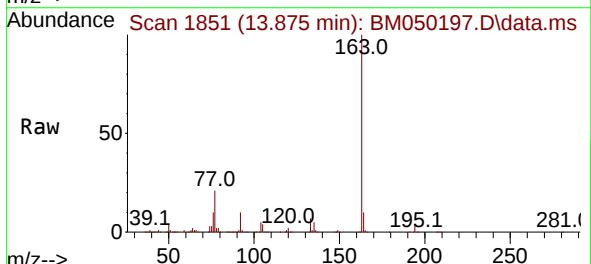
Instrument :
BNA_M
ClientSampleId :

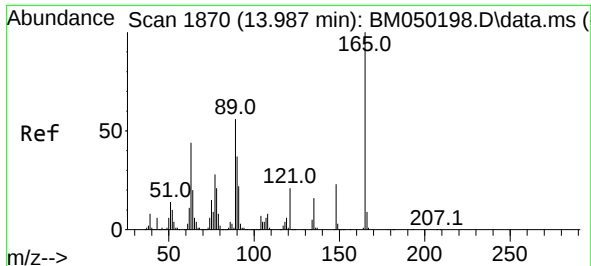
Tgt Ion:152 Resp: 1398350
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 12.7 10.4 15.6



#50
Dimethylphthalate
Concen: 20.677 ng
RT: 13.875 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

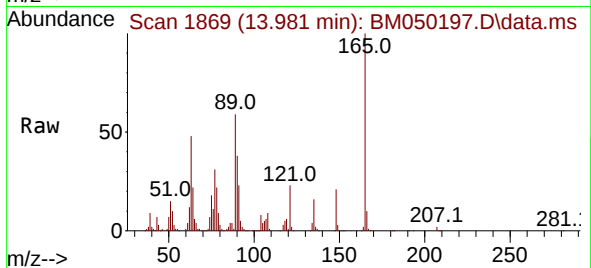
Tgt Ion:163 Resp: 1007787
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 7.9 11.9



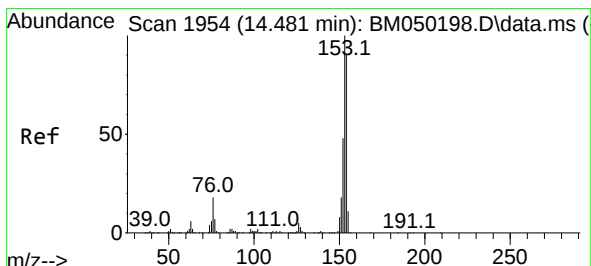
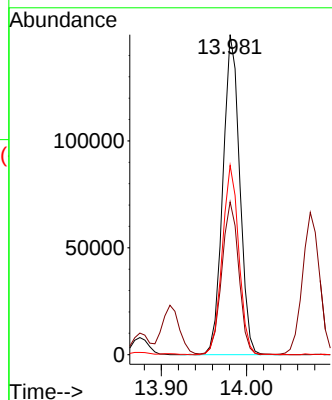
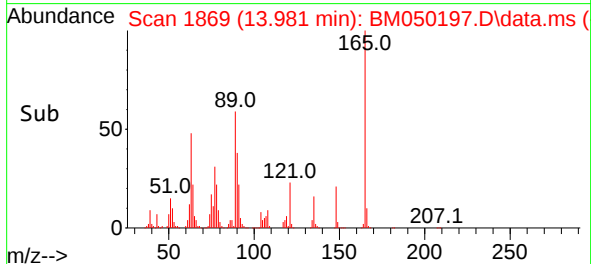


#51
2,6-Dinitrotoluene
Concen: 20.834 ng
RT: 13.981 min Scan# 1869
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

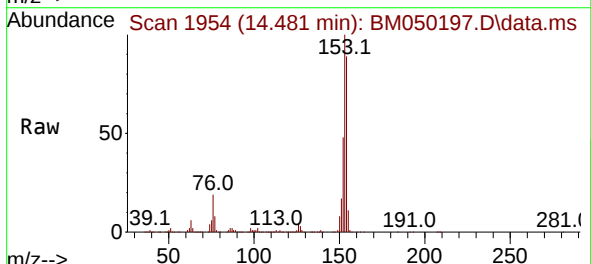
Instrument :
BNA_M
ClientSampleId :



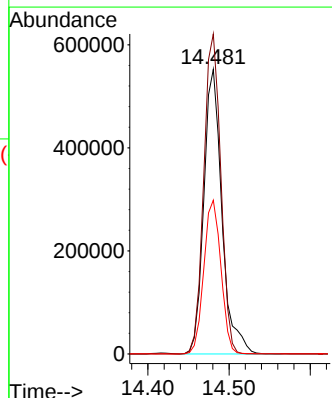
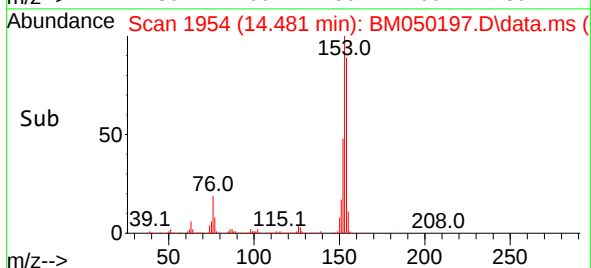
Tgt Ion:165 Resp: 204779
Ion Ratio Lower Upper
165 100
63 47.7 35.8 53.6
89 59.1 44.8 67.2

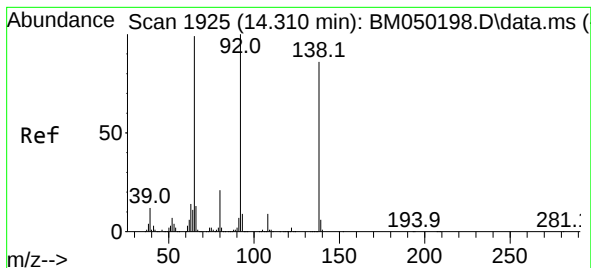


#52
Acenaphthene
Concen: 20.128 ng
RT: 14.481 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17



Tgt Ion:154 Resp: 854295
Ion Ratio Lower Upper
154 100
153 112.4 88.7 133.1
152 54.0 42.6 63.8

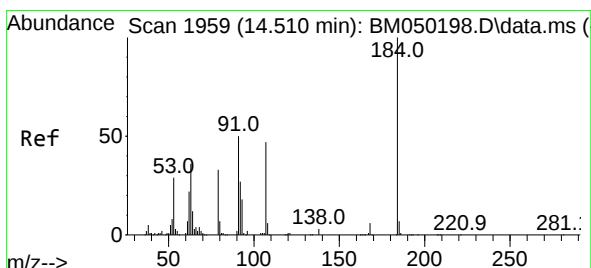
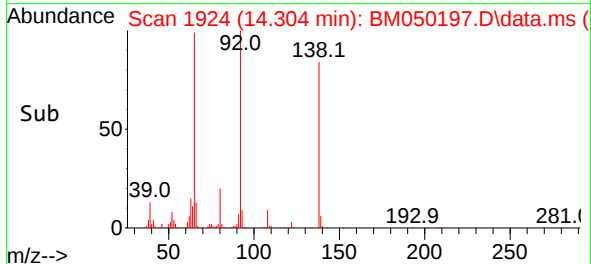
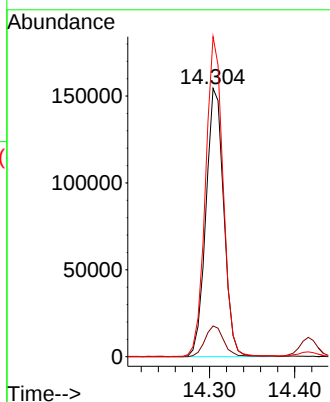
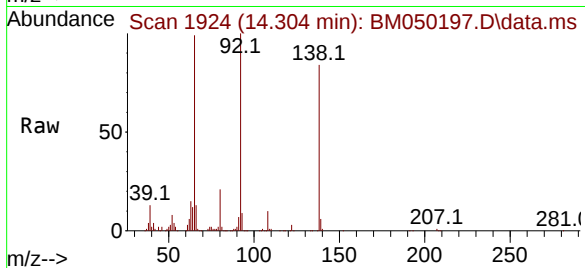




#53
3-Nitroaniline
Concen: 20.528 ng
RT: 14.304 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

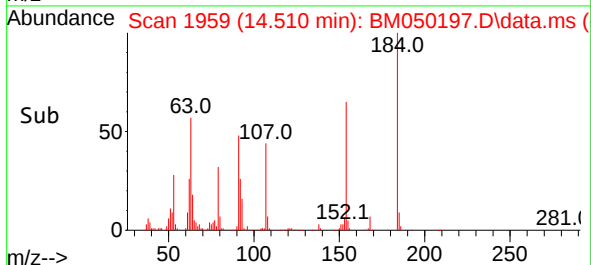
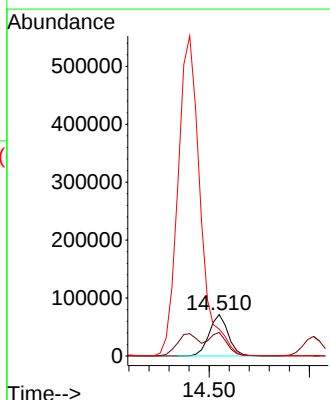
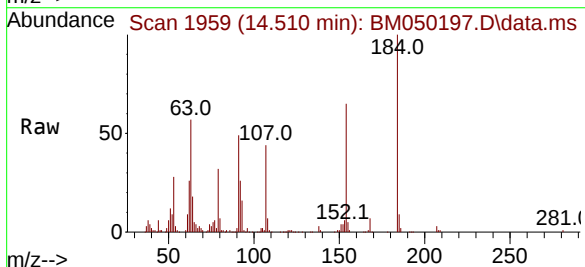
Instrument :
BNA_M
ClientSampleId :

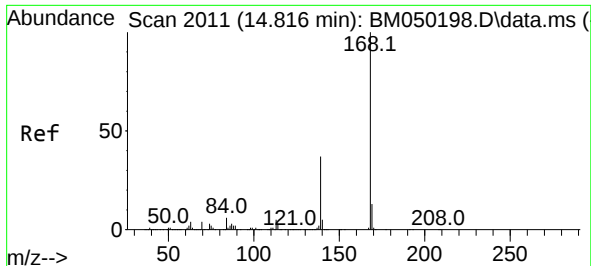
Tgt Ion:138 Resp: 224884
Ion Ratio Lower Upper
138 100
108 11.4 8.8 13.2
92 119.3 92.9 139.3



#54
2,4-Dinitrophenol
Concen: 19.130 ng
RT: 14.510 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:184 Resp: 94248
Ion Ratio Lower Upper
184 100
63 56.8 45.3 67.9
154 64.7 54.3 81.5

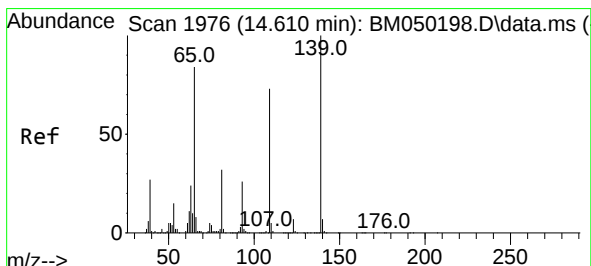
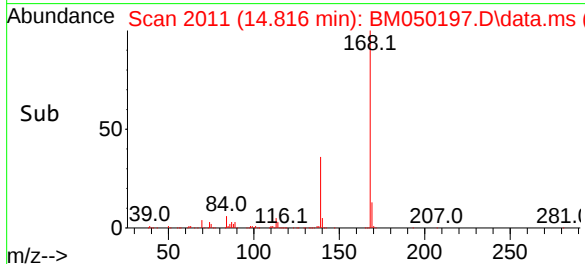
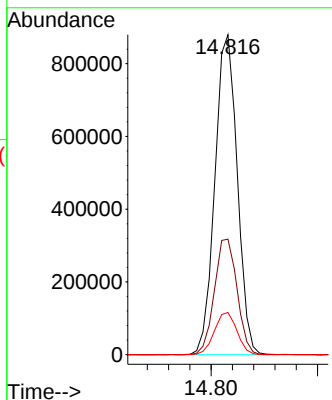
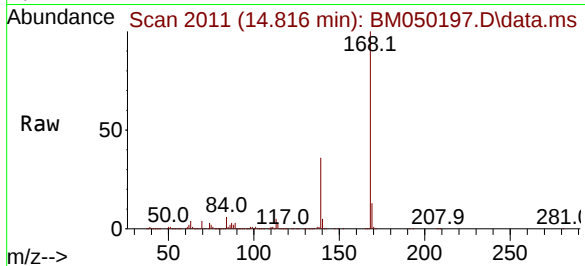




#55
Dibenzofuran
Concen: 20.605 ng
RT: 14.816 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

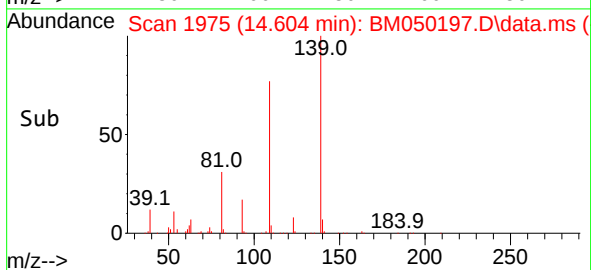
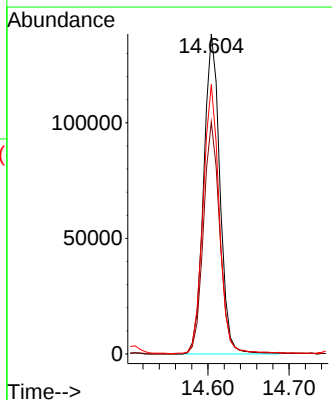
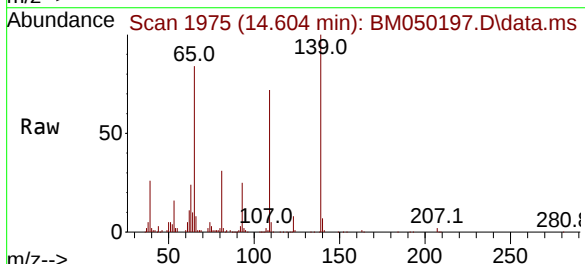
Instrument :
BNA_M
ClientSampleId :

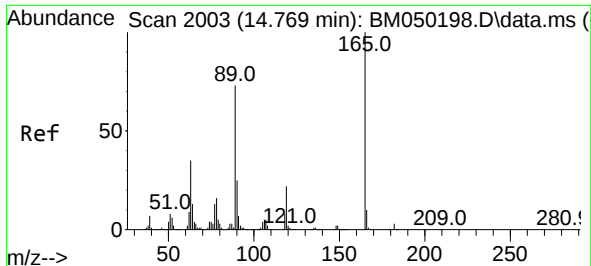
Tgt Ion:168 Resp: 1279459
Ion Ratio Lower Upper
168 100
139 36.1 29.9 44.9
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 20.518 ng
RT: 14.604 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

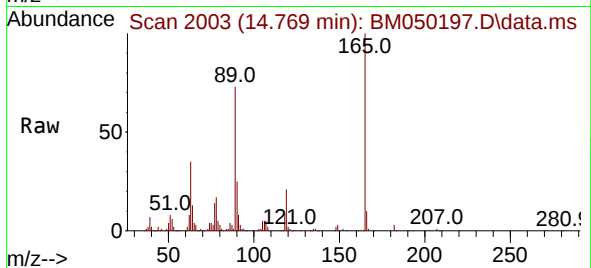
Tgt Ion:139 Resp: 191313
Ion Ratio Lower Upper
139 100
109 72.5 52.6 92.6
65 84.2 64.3 104.3



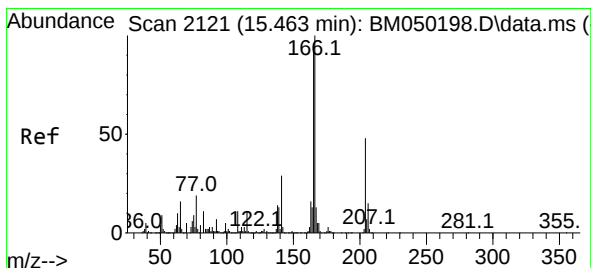
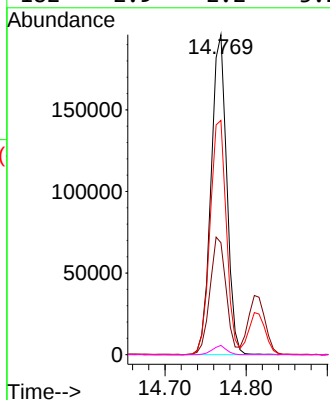
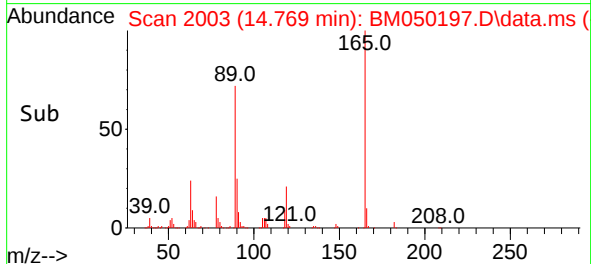


#57
2,4-Dinitrotoluene
Concen: 20.293 ng
RT: 14.769 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Instrument :
BNA_M
ClientSampleId :

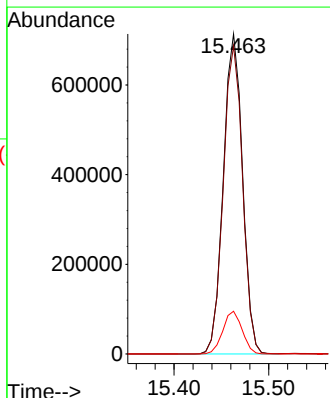
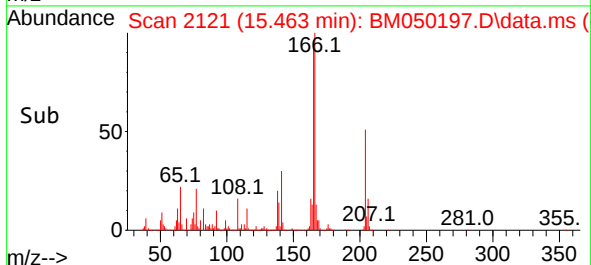
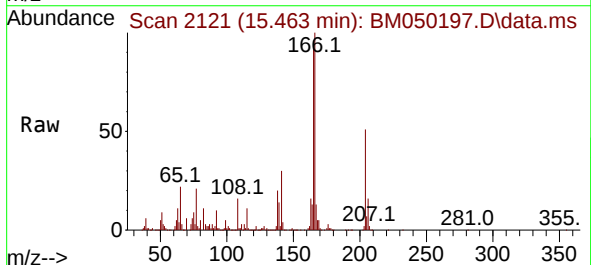


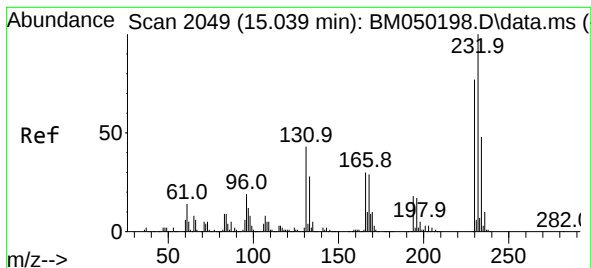
Tgt Ion:165 Resp: 263119
Ion Ratio Lower Upper
165 100
63 35.0 28.4 42.6
89 73.2 58.0 87.0
182 2.9 2.2 3.2



#58
Fluorene
Concen: 21.126 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:166 Resp: 1004752
Ion Ratio Lower Upper
166 100
165 96.3 77.0 115.4
167 13.3 10.7 16.1

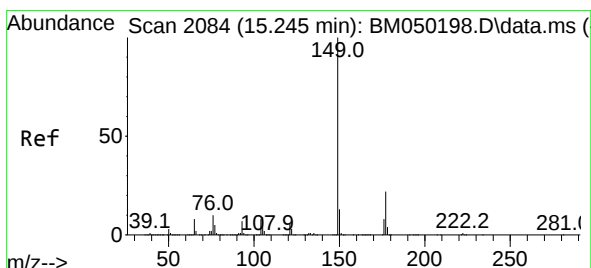
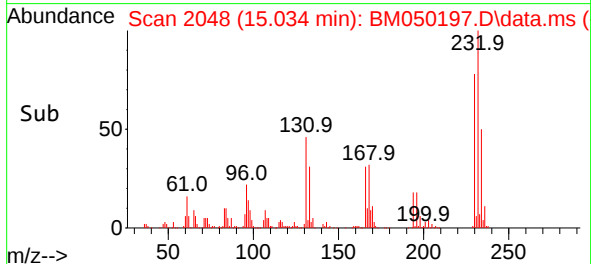
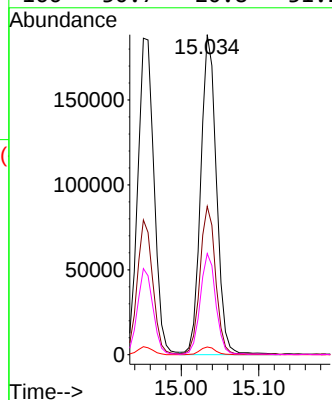
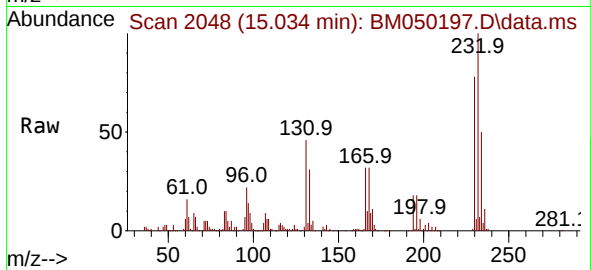




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.493 ng
RT: 15.034 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

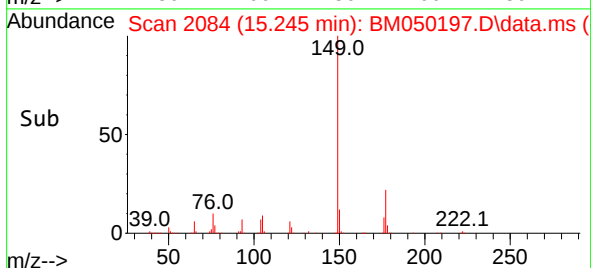
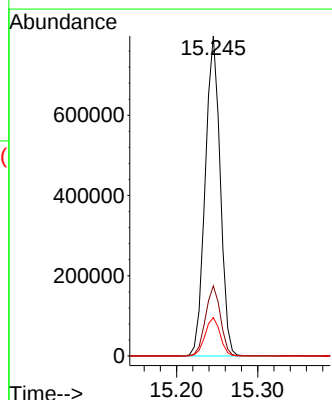
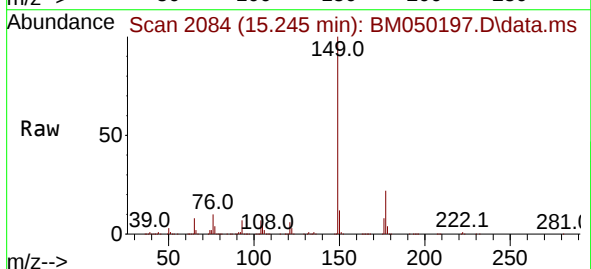
Instrument :
BNA_M
ClientSampleId :

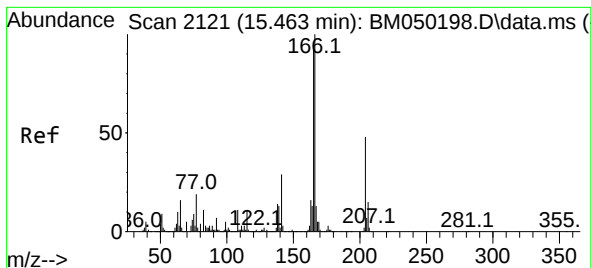
Tgt Ion:232 Resp: 266423
Ion Ratio Lower Upper
232 100
131 45.6 32.9 49.3
130 2.3 1.8 2.8
166 30.7 20.8 31.2



#60
Diethylphthalate
Concen: 21.107 ng
RT: 15.245 min Scan# 2084
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:149 Resp: 1020737
Ion Ratio Lower Upper
149 100
177 21.9 17.2 25.8
150 12.0 10.0 15.0

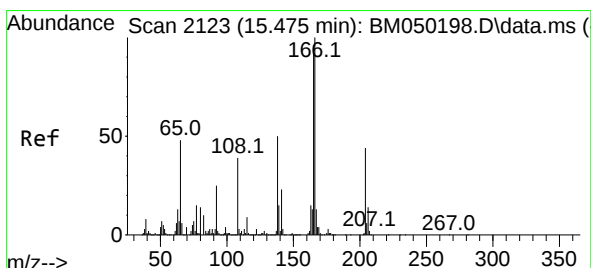
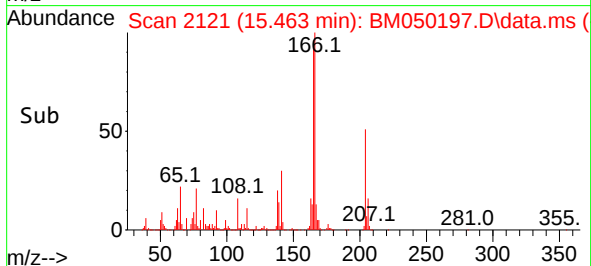
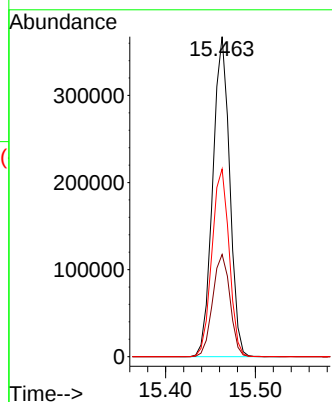
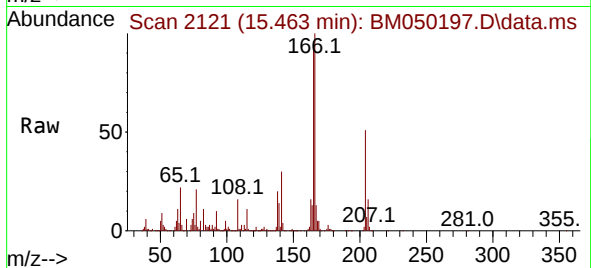




#61
4-Chlorophenyl-phenylether
Concen: 20.921 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

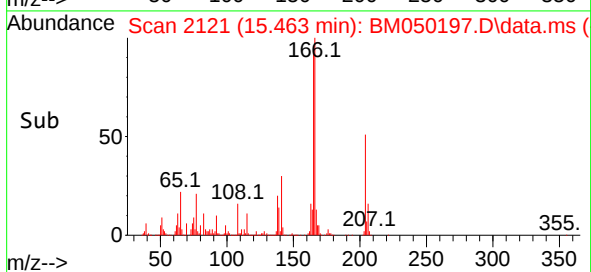
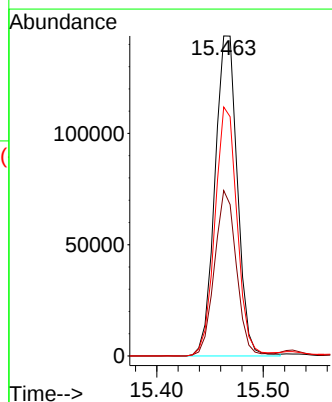
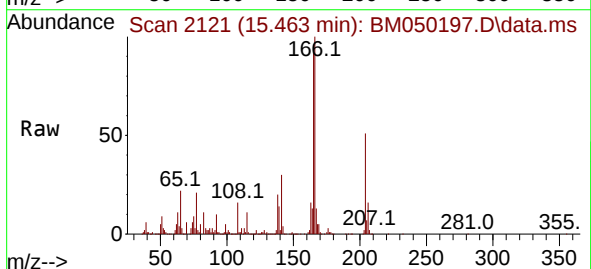
Instrument :
BNA_M
ClientSampleId :

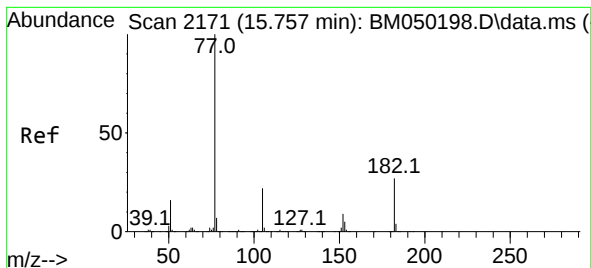
Tgt Ion:204 Resp: 480887
Ion Ratio Lower Upper
204 100
206 32.0 25.4 38.0
141 58.6 47.9 71.9



#62
4-Nitroaniline
Concen: 20.456 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:138 Resp: 210030
Ion Ratio Lower Upper
138 100
92 51.7 28.8 68.8
108 77.8 58.1 98.1





#63

Azobenzene

Concen: 21.101 ng

RT: 15.751 min Scan# 2171

Delta R.T. -0.006 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 77 Resp: 1019944

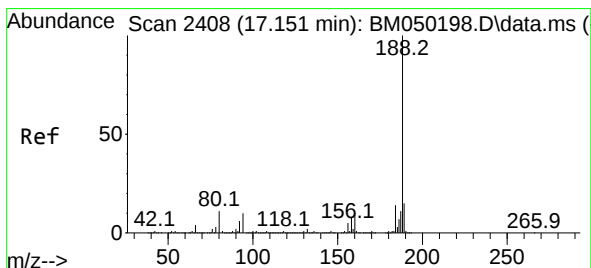
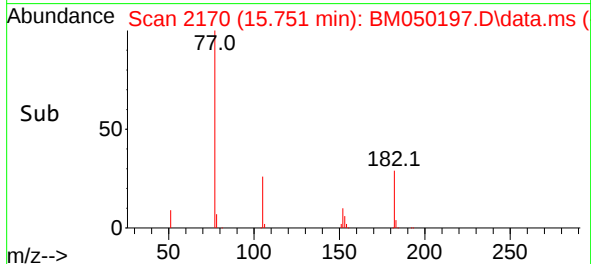
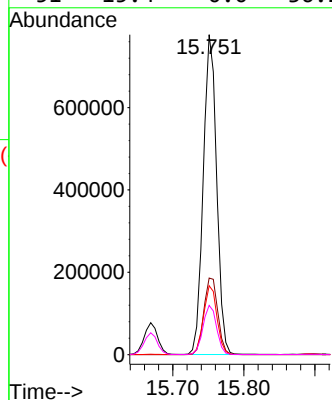
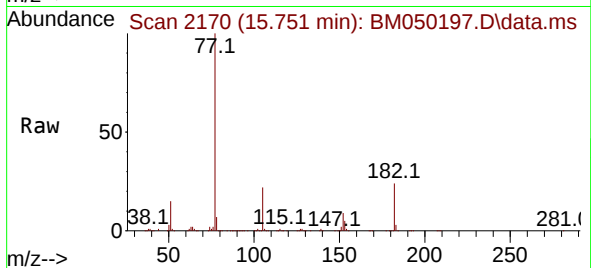
Ion Ratio Lower Upper

77 100

182 24.0 6.8 46.8

105 21.6 1.7 41.7

51 15.4 0.0 36.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.151 min Scan# 2408

Delta R.T. -0.000 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

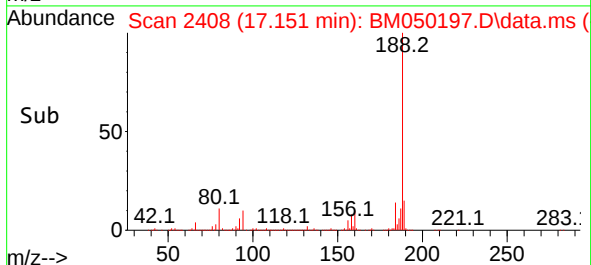
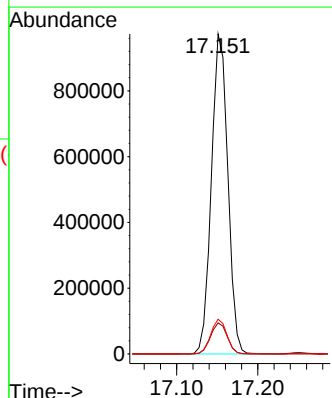
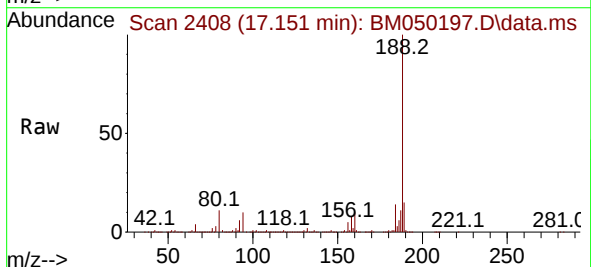
Tgt Ion:188 Resp: 1364843

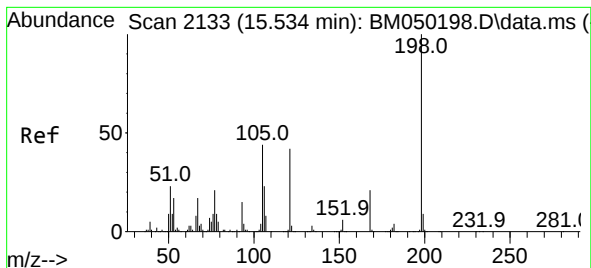
Ion Ratio Lower Upper

188 100

94 9.7 8.1 12.1

80 10.9 8.6 13.0

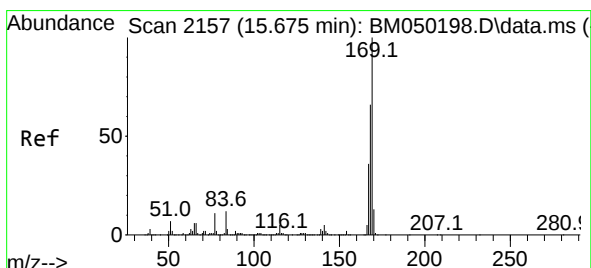
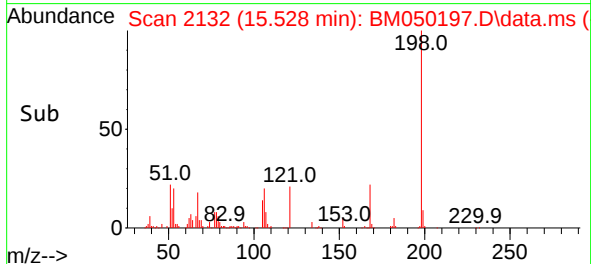
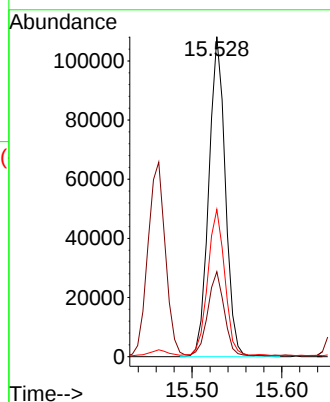
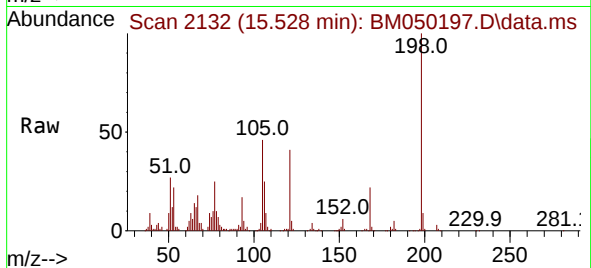




#65
4,6-Dinitro-2-methylphenol
Concen: 18.514 ng
RT: 15.528 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

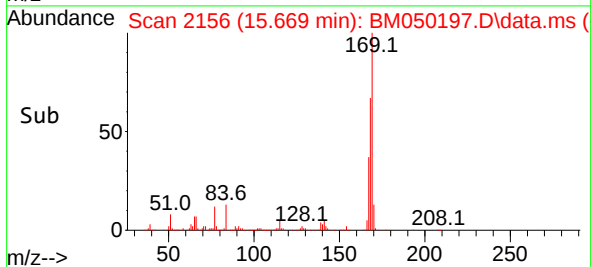
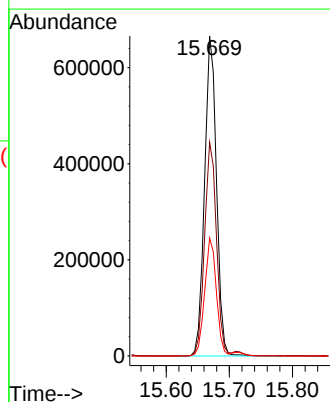
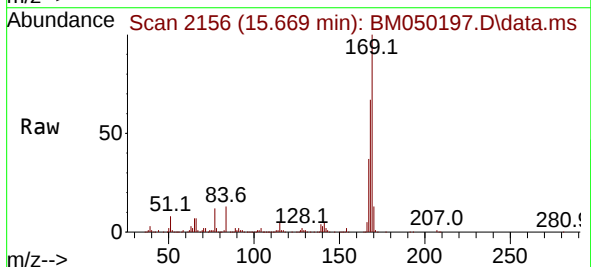
Instrument :
BNA_M
ClientSampleId :

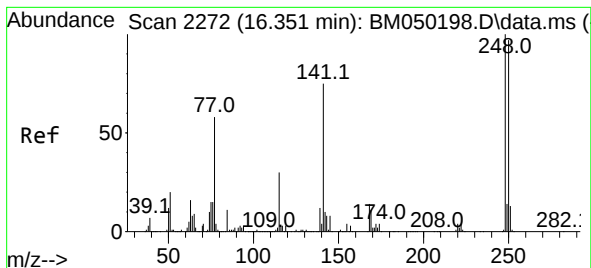
Tgt Ion:198 Resp: 138015
Ion Ratio Lower Upper
198 100
51 26.6 4.5 44.5
105 46.0 24.9 64.9



#66
n-Nitrosodiphenylamine
Concen: 20.349 ng
RT: 15.669 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:169 Resp: 872651
Ion Ratio Lower Upper
169 100
168 66.8 53.1 79.7
167 36.8 29.0 43.6

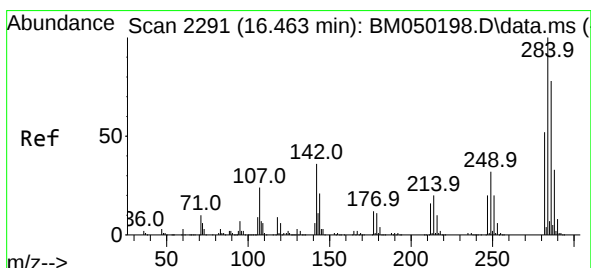
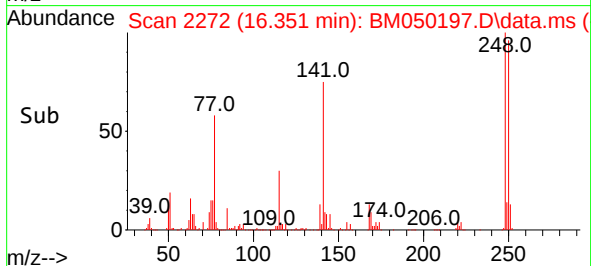
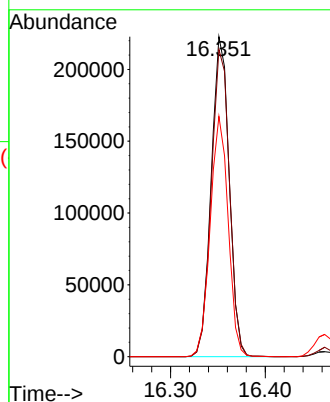
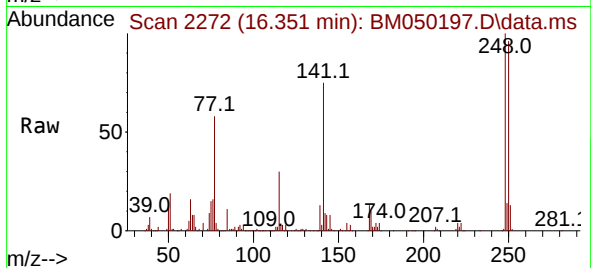




#67
4-Bromophenyl-phenylether
Concen: 20.172 ng
RT: 16.351 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

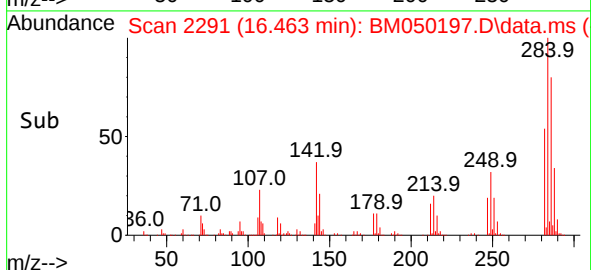
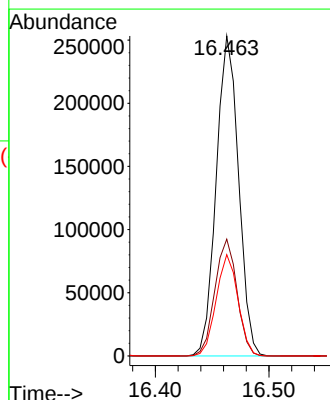
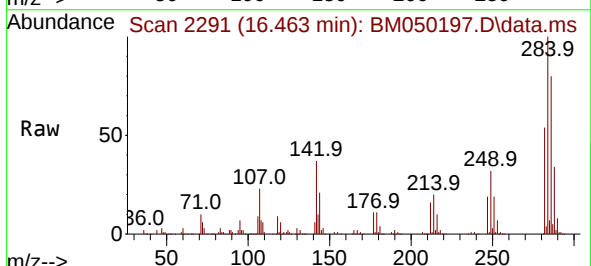
Instrument :
BNA_M
ClientSampleId :

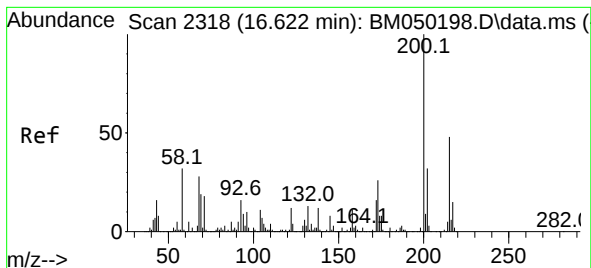
Tgt Ion:248 Resp: 293588
Ion Ratio Lower Upper
248 100
250 96.0 78.0 117.0
141 75.1 60.1 90.1



#68
Hexachlorobenzene
Concen: 20.343 ng
RT: 16.463 min Scan# 2291
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:284 Resp: 345929
Ion Ratio Lower Upper
284 100
142 36.5 28.8 43.2
249 31.7 25.8 38.6





#69

Atrazine

Concen: 20.591 ng

RT: 16.622 min Scan# 21

Delta R.T. -0.000 min

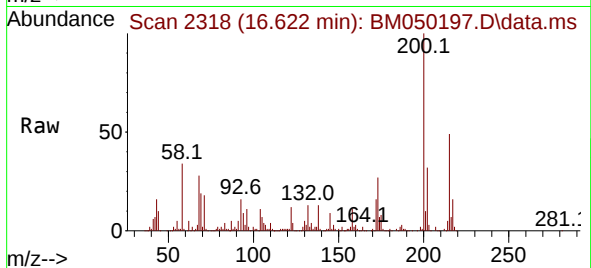
Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

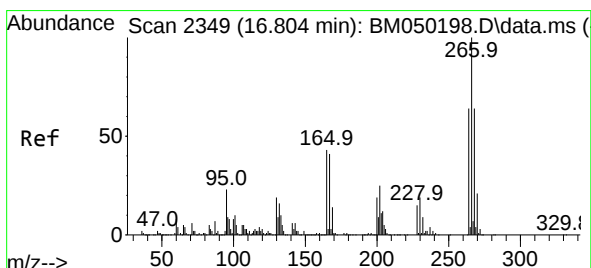
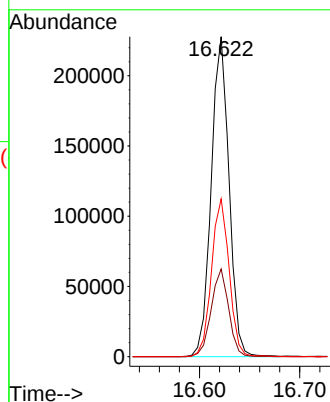
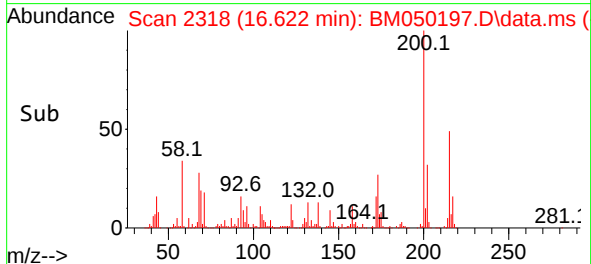
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	200	Resp:	281360
Ion Ratio	Lower	Upper	
200	100		
173	27.4	6.0	46.0
215	49.3	28.1	68.1



#70

Pentachlorophenol

Concen: 20.396 ng

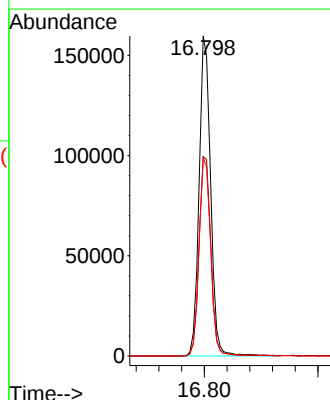
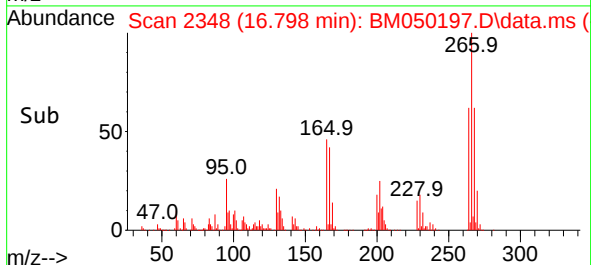
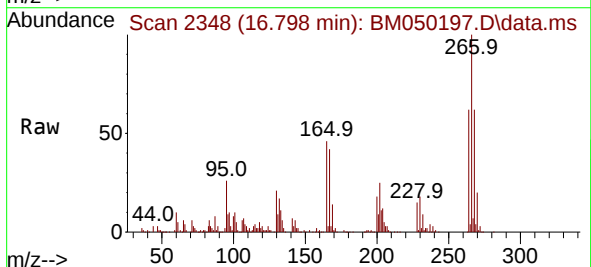
RT: 16.798 min Scan# 2348

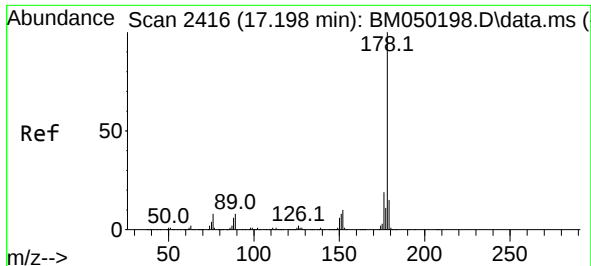
Delta R.T. -0.006 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

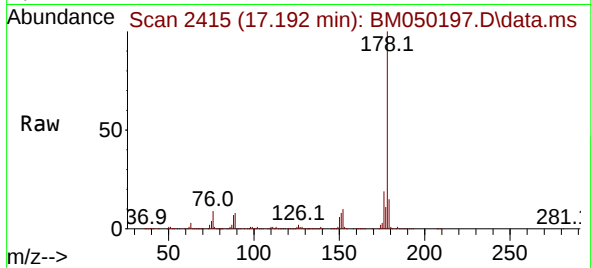
Tgt Ion:	266	Resp:	225494
Ion Ratio	Lower	Upper	
266	100		
268	62.3	51.0	76.6
264	61.9	50.8	76.2



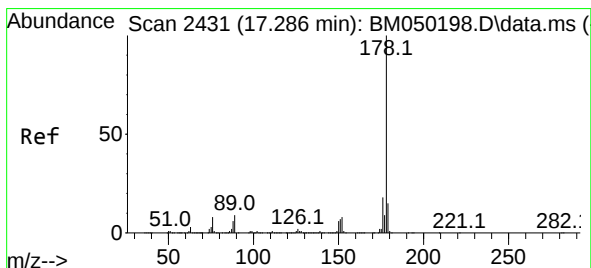
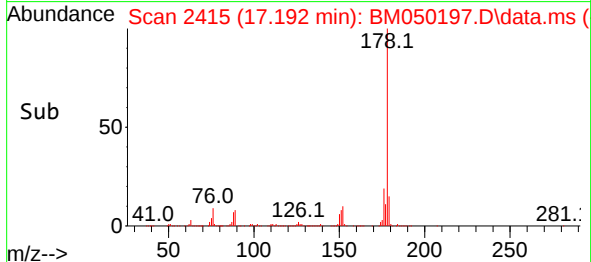
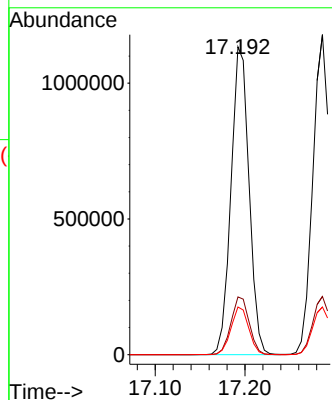


#71
Phenanthrene
Concen: 20.305 ng
RT: 17.192 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Instrument :
BNA_M
ClientSampleId :

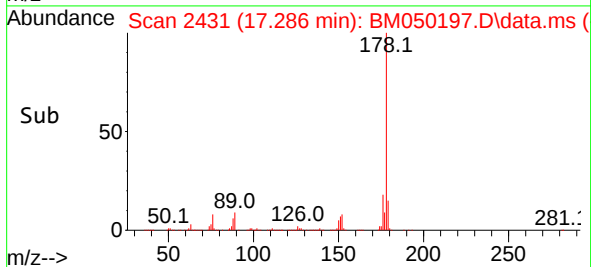
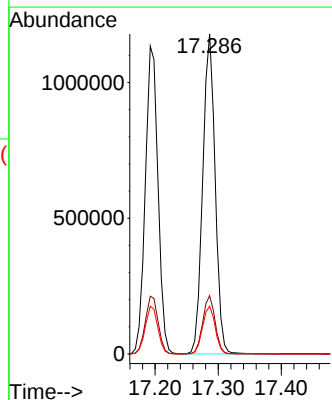
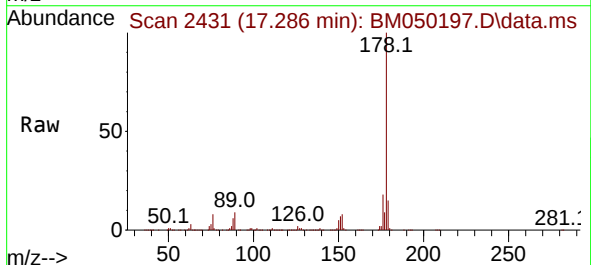


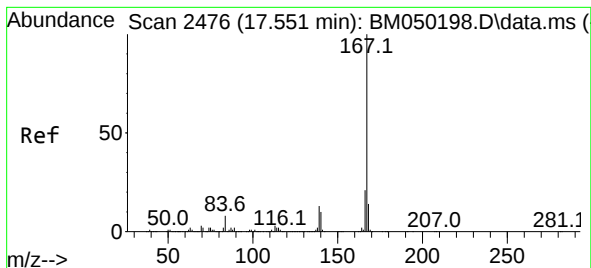
Tgt Ion:178 Resp: 1583183
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.5 12.3 18.5



#72
Anthracene
Concen: 20.560 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:178 Resp: 1603637
Ion Ratio Lower Upper
178 100
176 18.2 14.8 22.2
179 14.9 12.3 18.5





#73

Carbazole

Concen: 20.414 ng

RT: 17.551 min Scan# 24

Delta R.T. -0.000 min

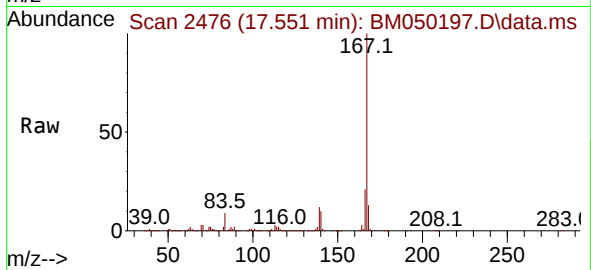
Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

Instrument :

BNA_M

ClientSampleId :



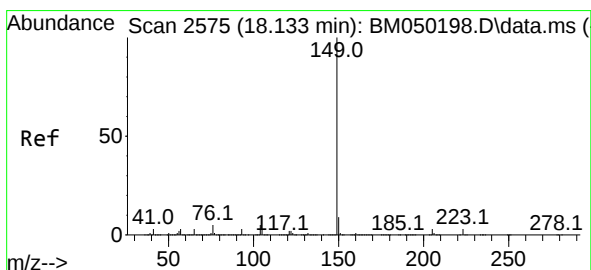
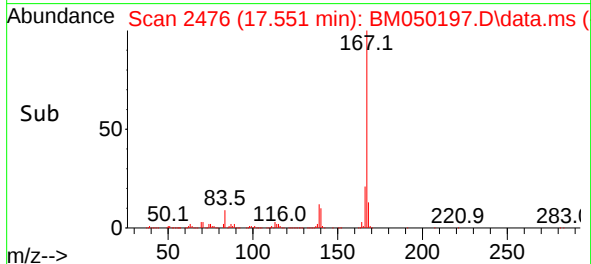
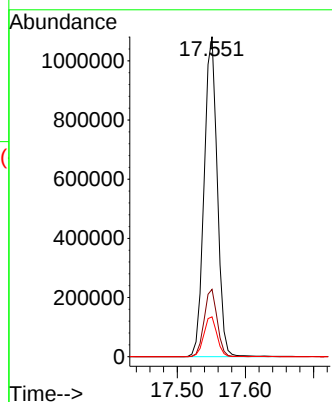
Tgt Ion:167 Resp: 1450582

Ion Ratio Lower Upper

167 100

166 21.0 17.0 25.6

139 12.5 10.2 15.4



#74

Di-n-butylphthalate

Concen: 20.950 ng

RT: 18.133 min Scan# 2575

Delta R.T. -0.000 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

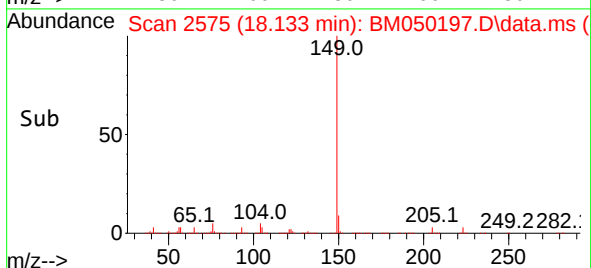
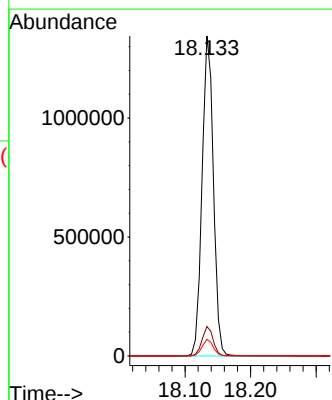
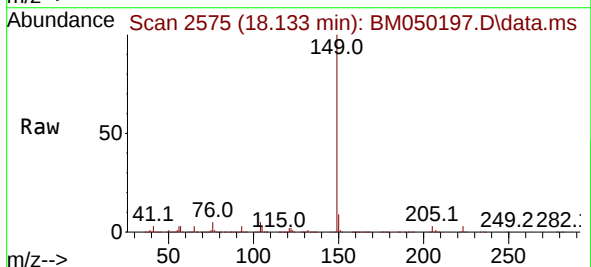
Tgt Ion:149 Resp: 1619797

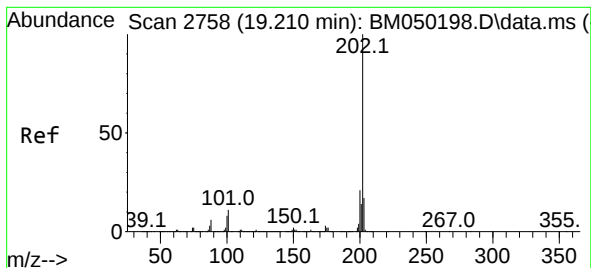
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.2 4.0 6.0





#75

Fluoranthene

Concen: 20.431 ng

RT: 19.210 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

Instrument :

BNA_M

ClientSampleId :

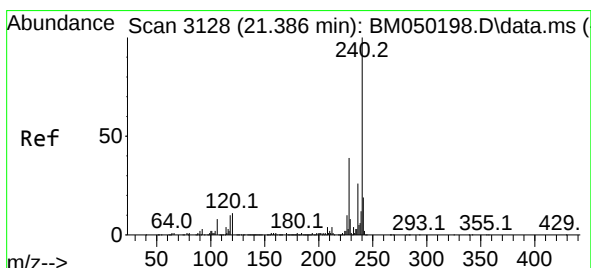
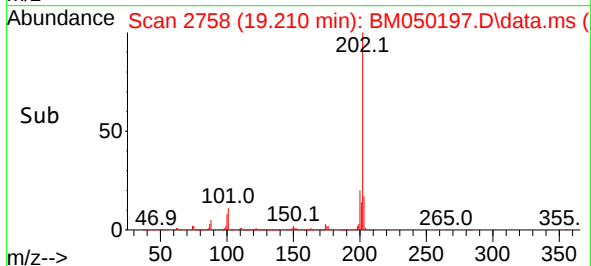
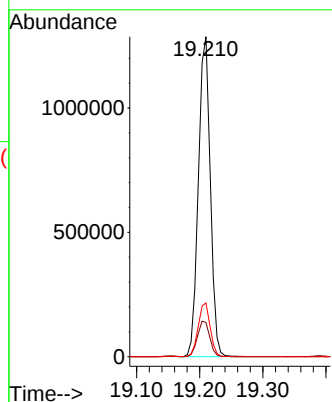
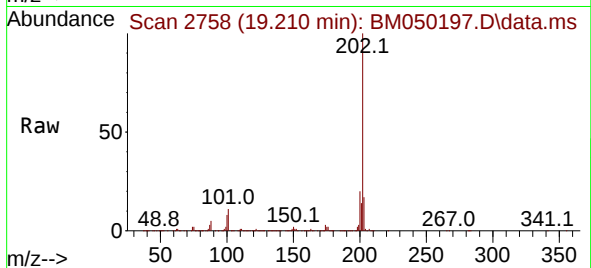
Tgt Ion:202 Resp: 1679948

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.1

203 16.8 0.0 37.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3128

Delta R.T. -0.000 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

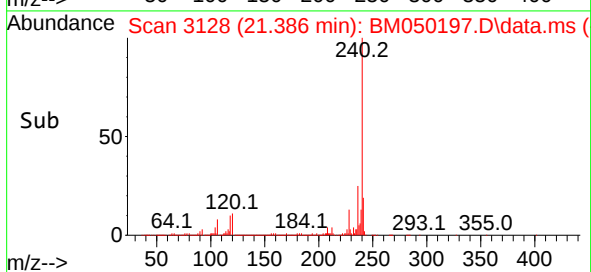
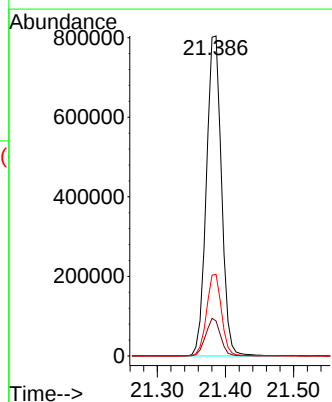
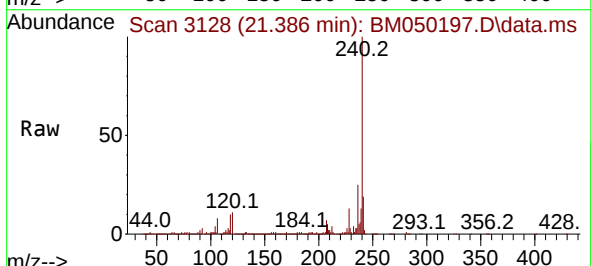
Tgt Ion:240 Resp: 1240830

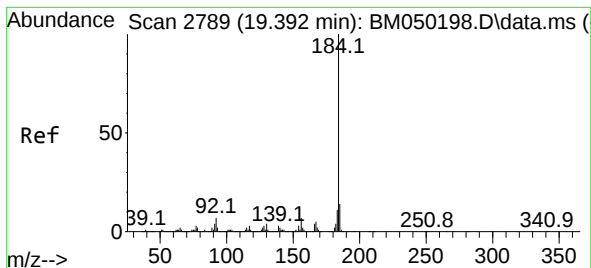
Ion Ratio Lower Upper

240 100

120 10.9 9.0 13.4

236 25.5 20.7 31.1





#77

Benzidine

Concen: 20.194 ng

RT: 19.392 min Scan# 2789

Delta R.T. 0.000 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

Instrument :

BNA_M

ClientSampleId :

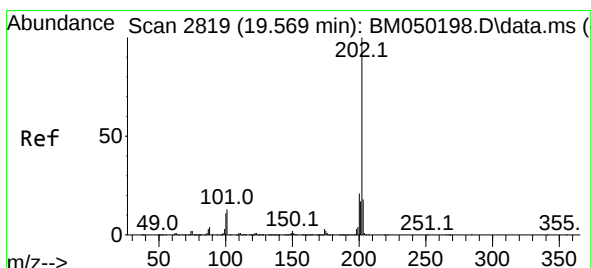
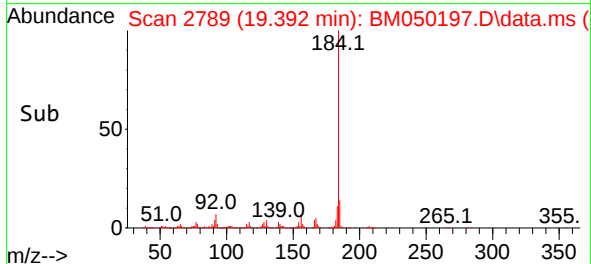
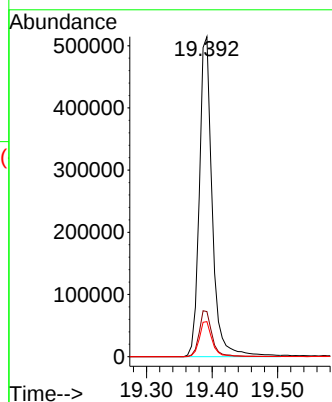
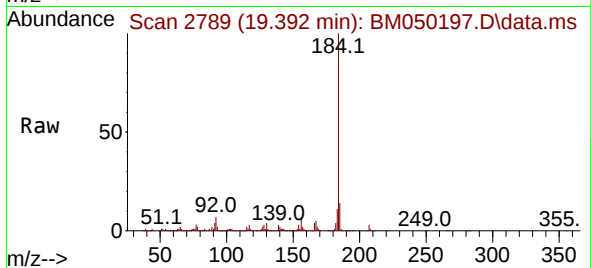
Tgt Ion:184 Resp: 704620

Ion Ratio Lower Upper

184 100

185 14.1 11.5 17.3

183 11.0 9.0 13.4



#78

Pyrene

Concen: 21.427 ng

RT: 19.569 min Scan# 2819

Delta R.T. -0.000 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

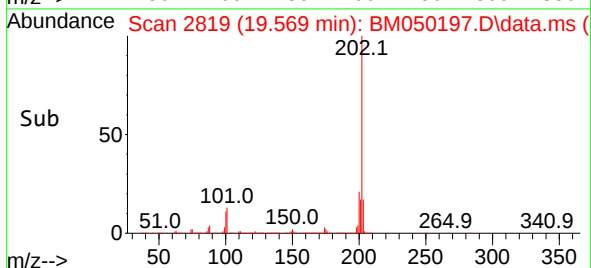
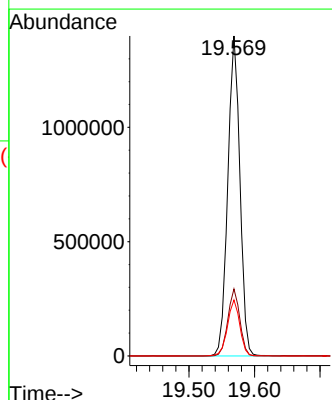
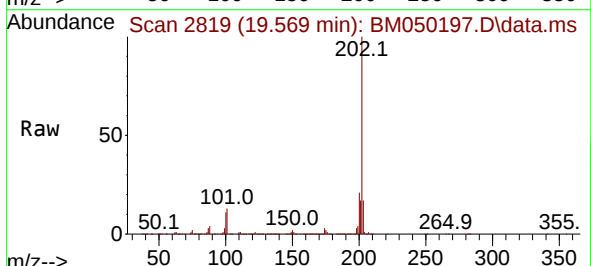
Tgt Ion:202 Resp: 1791963

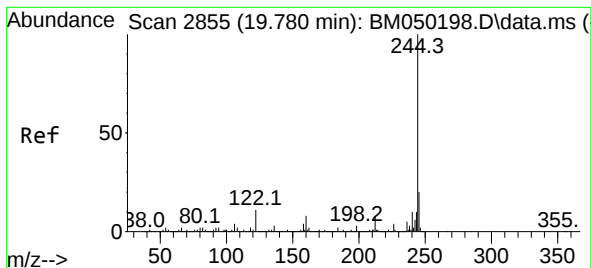
Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 44.169 ng

RT: 19.780 min Scan# 21

Delta R.T. -0.000 min

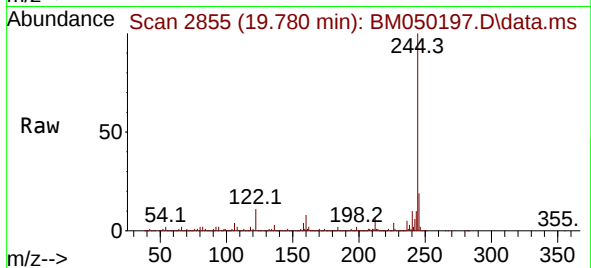
Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

Instrument :

BNA_M

ClientSampleId :



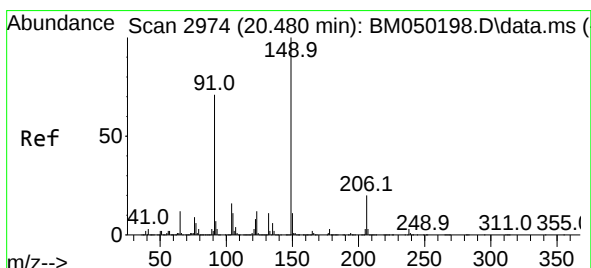
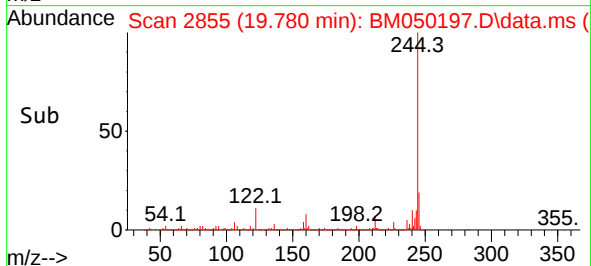
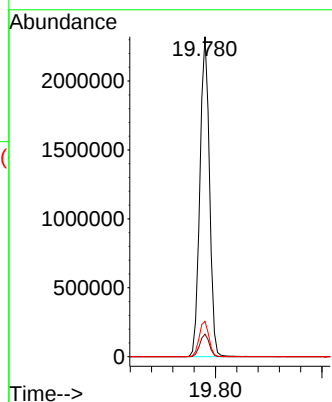
Tgt Ion:244 Resp: 2892092

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 11.1 8.6 12.8



#80

Butylbenzylphthalate

Concen: 20.453 ng

RT: 20.480 min Scan# 2974

Delta R.T. -0.000 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

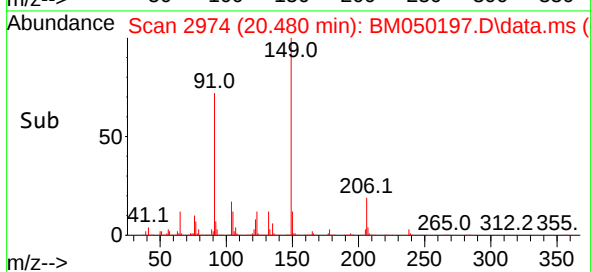
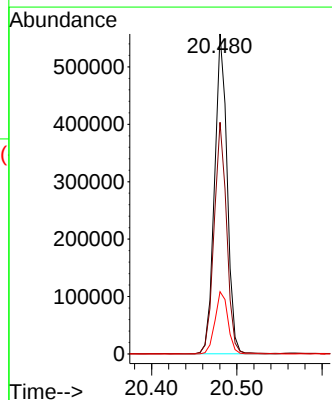
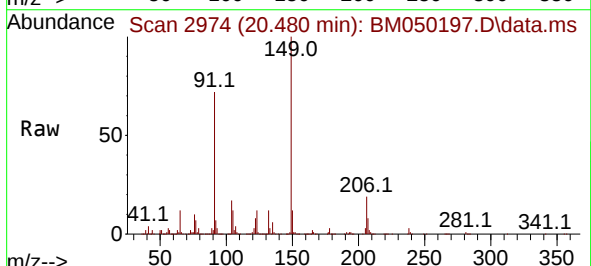
Tgt Ion:149 Resp: 570581

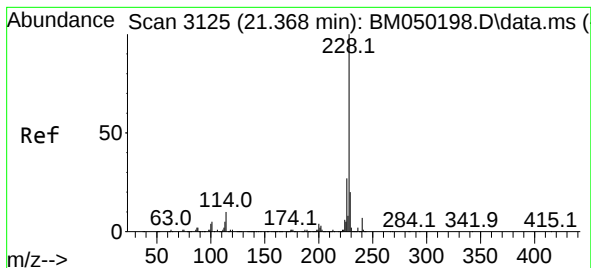
Ion Ratio Lower Upper

149 100

91 72.4 56.9 85.3

206 19.5 16.1 24.1





#81

Benzo(a)anthracene

Concen: 20.502 ng

RT: 21.363 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

Instrument :

BNA_M

ClientSampleId :

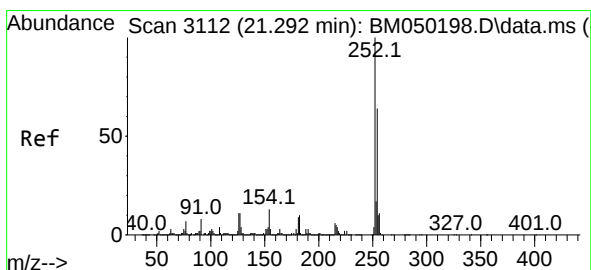
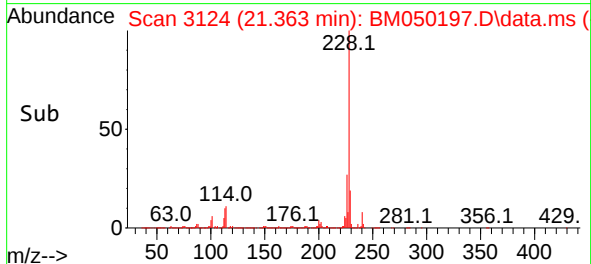
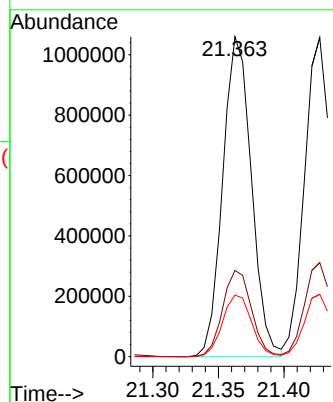
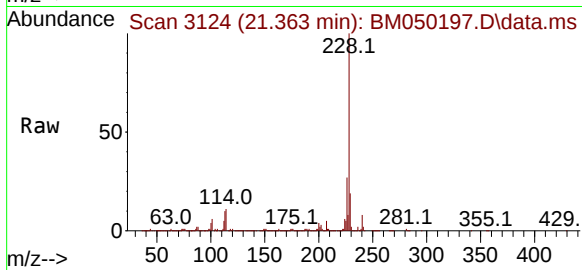
Tgt Ion:228 Resp: 1610203

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

229 19.2 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 19.636 ng

RT: 21.286 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

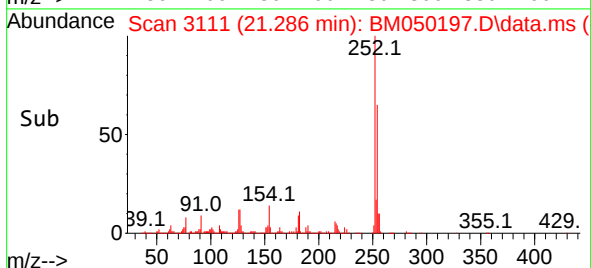
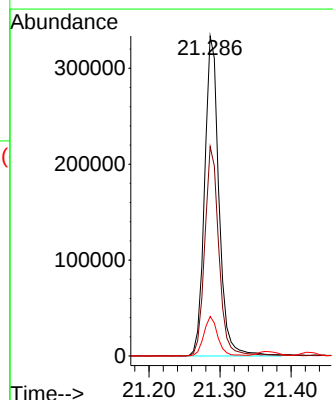
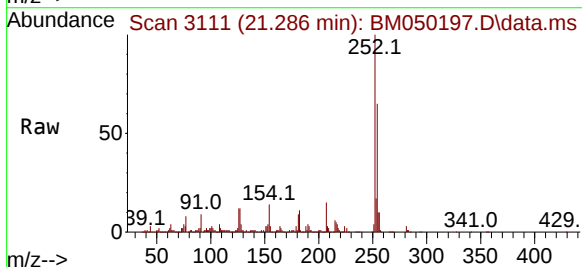
Tgt Ion:252 Resp: 470294

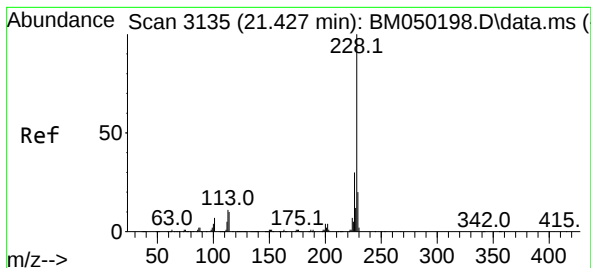
Ion Ratio Lower Upper

252 100

254 65.4 51.4 77.0

126 12.4 8.6 12.8





#83

Chrysene

Concen: 20.343 ng

RT: 21.427 min Scan# 3135

Delta R.T. -0.000 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

Instrument :

BNA_M

ClientSampleId :

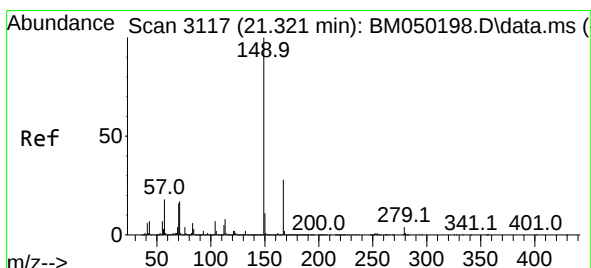
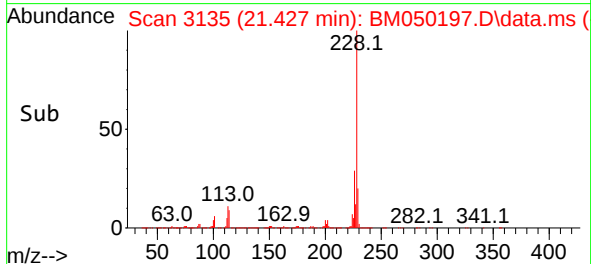
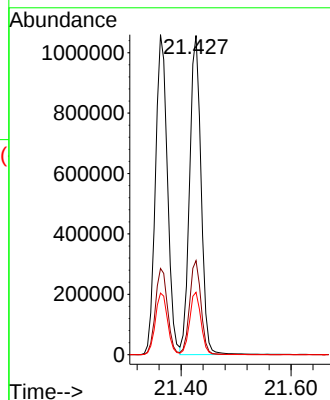
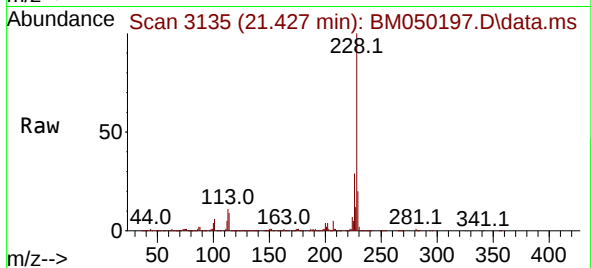
Tgt Ion:228 Resp: 1519821

Ion Ratio Lower Upper

228 100

226 29.5 24.3 36.5

229 19.6 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.277 ng

RT: 21.315 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

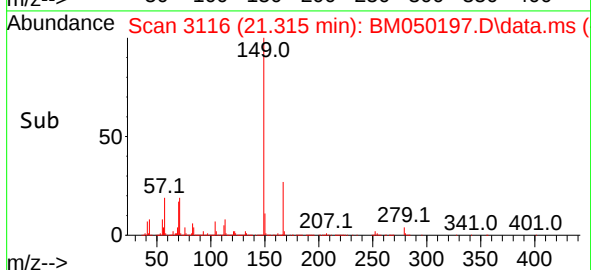
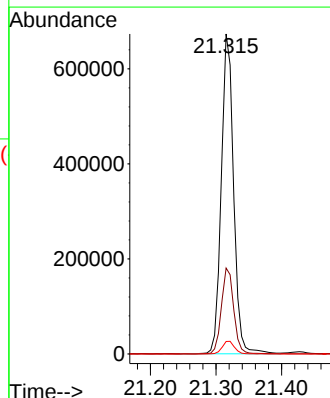
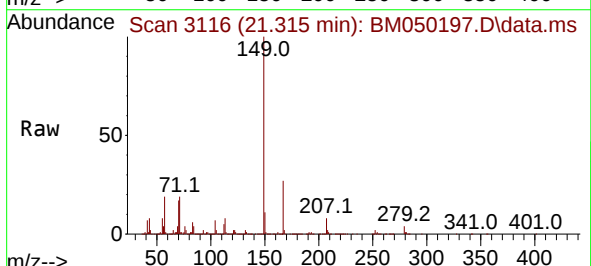
Tgt Ion:149 Resp: 871329

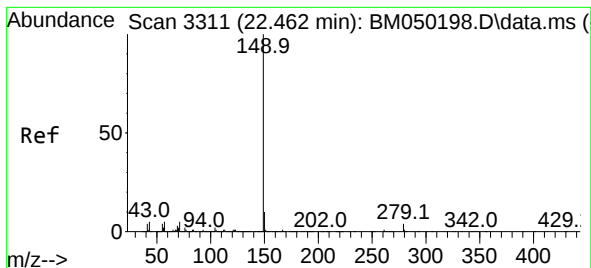
Ion Ratio Lower Upper

149 100

167 26.8 22.3 33.5

279 3.9 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 18.223 ng

RT: 22.457 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

Instrument :

BNA_M

ClientSampleId :

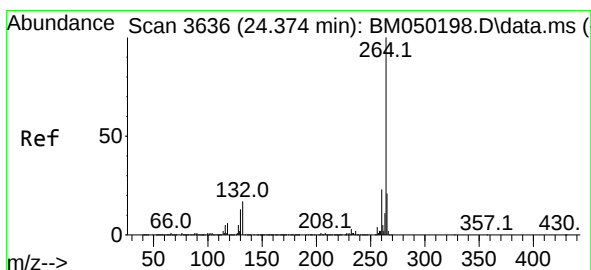
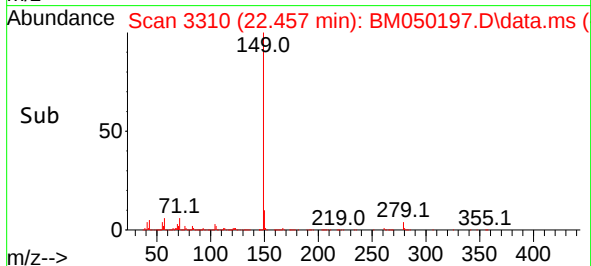
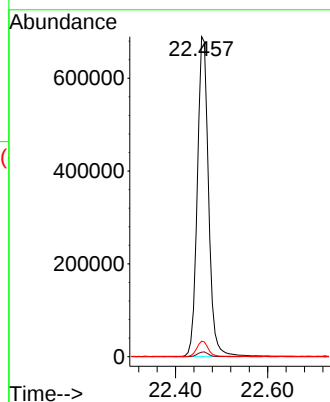
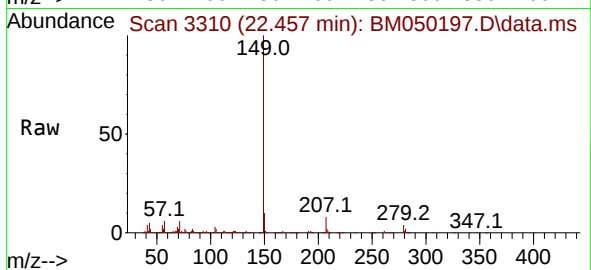
Tgt Ion:149 Resp: 1161953

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 5.1 3.8 5.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.374 min Scan# 3636

Delta R.T. -0.000 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

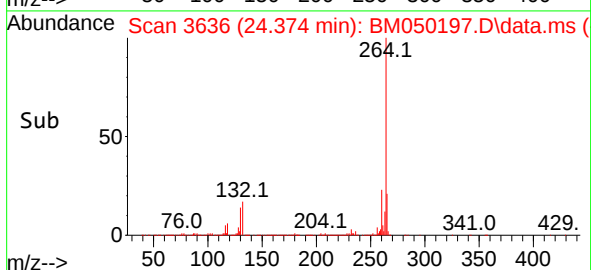
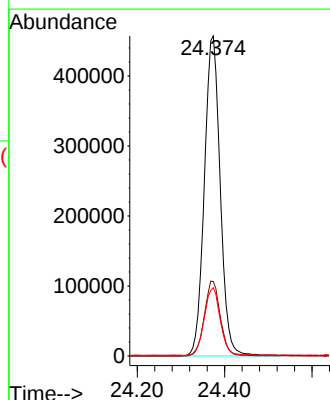
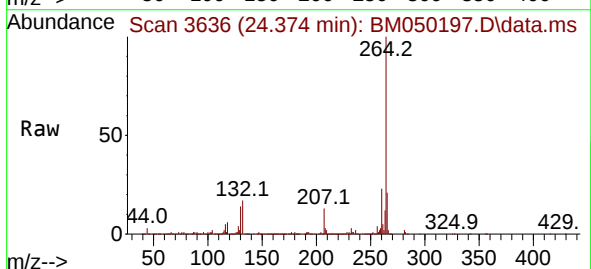
Tgt Ion:264 Resp: 1156806

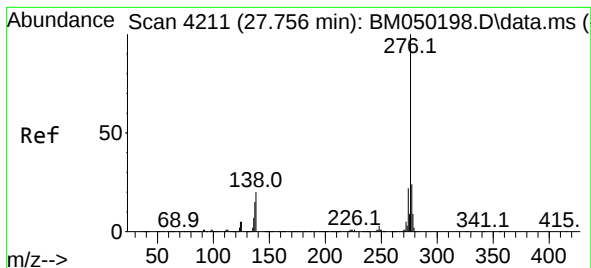
Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.4 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 19.472 ng

RT: 27.739 min Scan# 41

Delta R.T. -0.018 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

Instrument :

BNA_M

ClientSampleId :

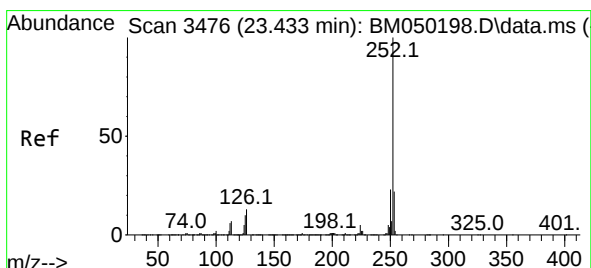
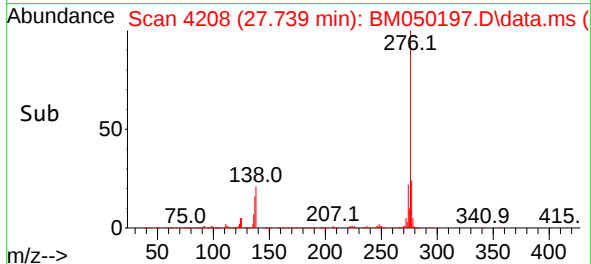
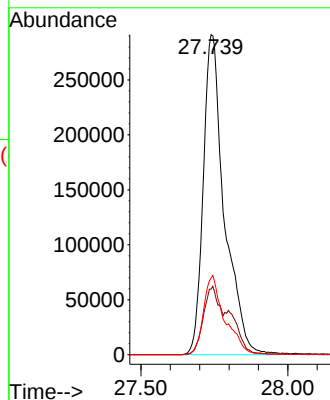
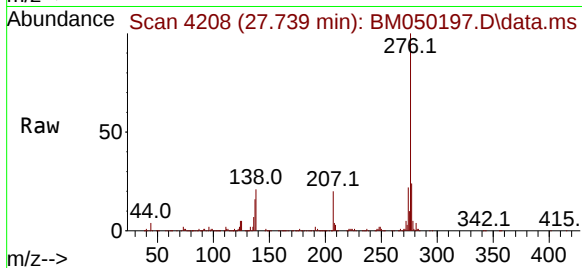
Tgt Ion:276 Resp: 1450383

Ion Ratio Lower Upper

276 100

138 16.7 20.6 30.8#

277 25.0 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 20.720 ng

RT: 23.427 min Scan# 3475

Delta R.T. -0.006 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

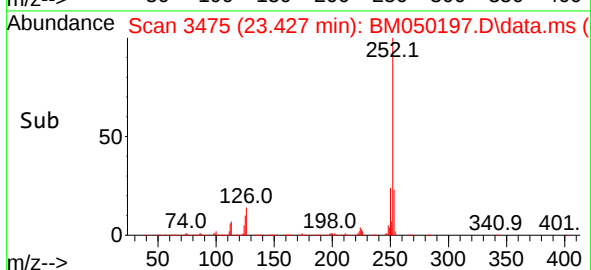
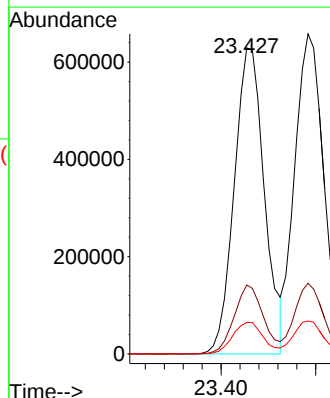
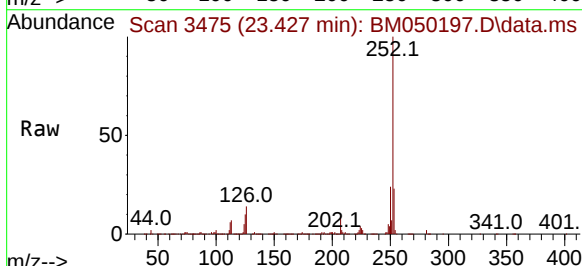
Tgt Ion:252 Resp: 1393549

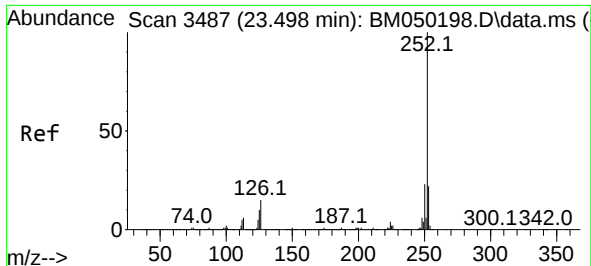
Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

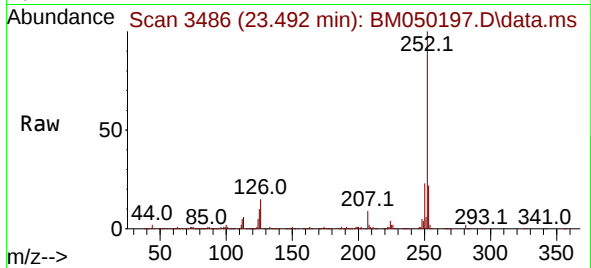
125 10.3 8.2 12.4



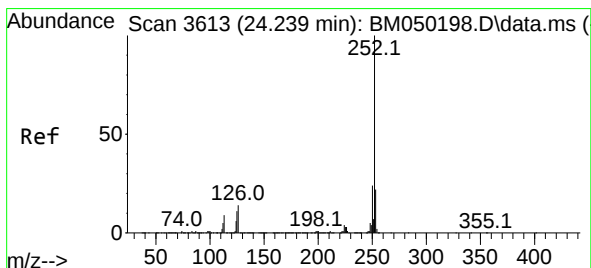
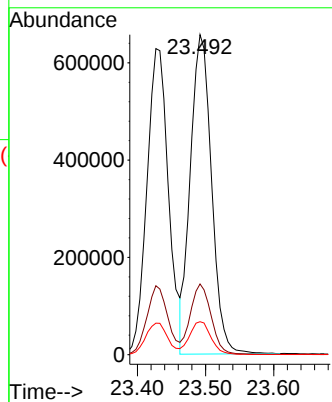
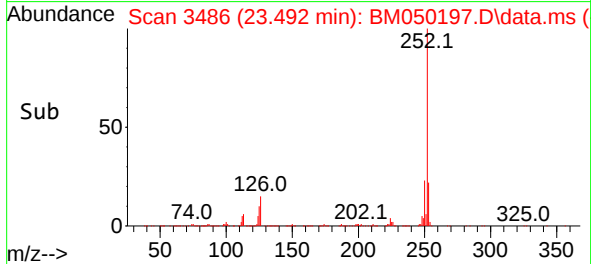


#89
Benzo(k)fluoranthene
Concen: 20.594 ng
RT: 23.492 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Instrument :
BNA_M
ClientSampleId :

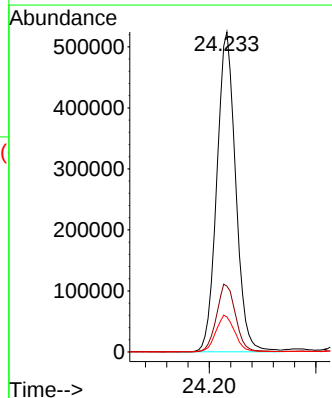
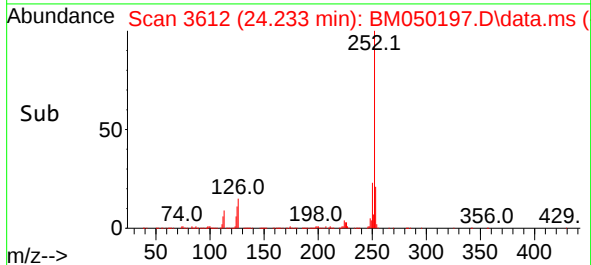
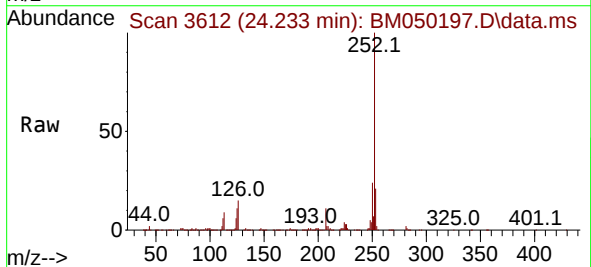


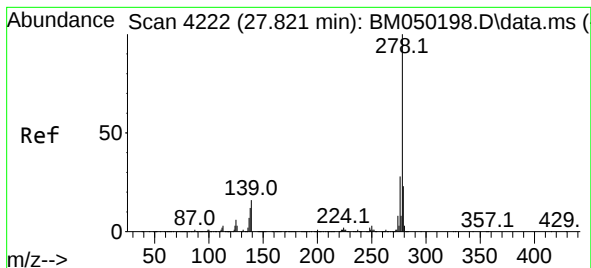
Tgt Ion:252 Resp: 1413975
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 10.3 8.2 12.4



#90
Benzo(a)pyrene
Concen: 20.315 ng
RT: 24.233 min Scan# 3612
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:252 Resp: 1284647
Ion Ratio Lower Upper
252 100
253 20.6 17.6 26.4
125 11.0 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 19.538 ng

RT: 27.809 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

Instrument :

BNA_M

ClientSampleId :

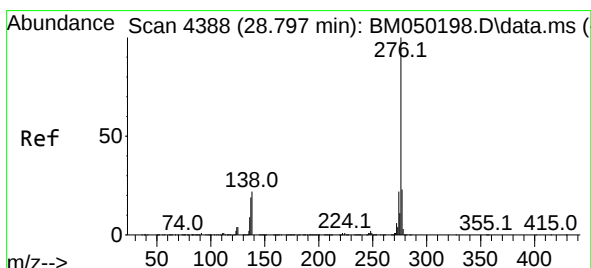
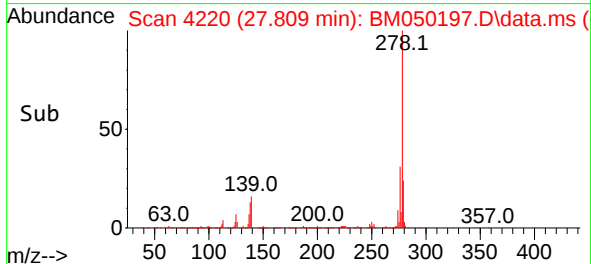
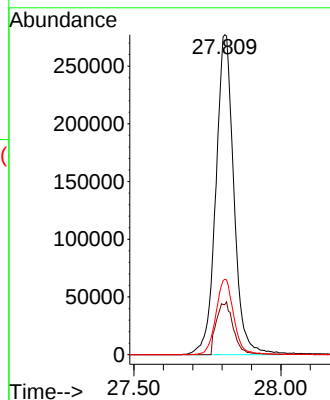
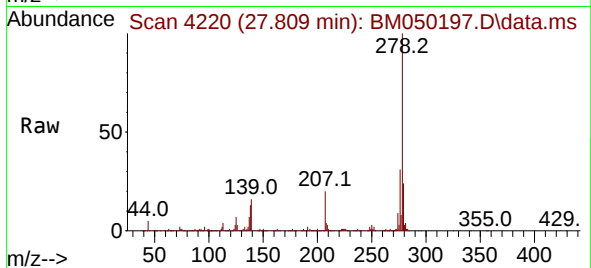
Tgt Ion:278 Resp: 1181274

Ion Ratio Lower Upper

278 100

139 15.7 12.8 19.2

279 23.6 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 19.358 ng

RT: 28.791 min Scan# 4387

Delta R.T. -0.006 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

Tgt Ion:276 Resp: 1171360

Ion Ratio Lower Upper

276 100

277 24.0 18.6 27.8

138 21.8 17.8 26.6

