

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050211.D
 Acq On : 06 Jun 2025 12:46
 Operator : RC/JU
 Sample : Q2177-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-187-SB01MSD

Quant Time: Jun 06 14:32:41 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 16:20:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	347769	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1350319	20.000	ng	0.00
39) Acenaphthene-d10	14.415	164	744312	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1278962	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1127474	20.000	ng	0.00
86) Perylene-d12	24.368	264	1245310	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2430803	116.598	ng	0.00
7) Phenol-d6	6.957	99	2905330	105.864	ng	0.00
23) Nitrobenzene-d5	8.939	82	2004766	77.214	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	1020943	120.593	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	4129019	75.104	ng	0.00
79) Terphenyl-d14	19.780	244	4641959	78.021	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	304263	33.295	ng	# 77
3) Pyridine	3.693	79	827427	34.964	ng	99
4) n-Nitrosodimethylamine	3.599	42	193516	39.545	ng	95
6) Aniline	7.116	93	729082	20.096	ng	99
8) 2-Chlorophenol	7.357	128	974022	42.475	ng	99
9) Benzaldehyde	6.928	77	349435	20.027	ng	100
10) Phenol	6.981	94	1087108	37.438	ng	99
11) bis(2-Chloroethyl)ether	7.216	93	950012	40.675	ng	99
12) 1,3-Dichlorobenzene	7.681	146	922280	35.976	ng	99
13) 1,4-Dichlorobenzene	7.822	146	952487	35.710	ng	99
14) 1,2-Dichlorobenzene	8.139	146	937100	36.854	ng	99
15) Benzyl Alcohol	8.022	79	826863	42.243	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.322	45	643282	39.648	ng	100
17) 2-Methylphenol	8.228	107	797691	41.634	ng	99
18) Hexachloroethane	8.869	117	350837	36.320	ng	100
19) n-Nitroso-di-n-propyla...	8.592	70	683284	40.685	ng	99
20) 3+4-Methylphenols	8.551	107	1054728	41.147	ng	99
22) Acetophenone	8.604	105	1400969	41.529	ng	99
24) Nitrobenzene	8.981	77	1011971	42.856	ng	99
25) Isophorone	9.510	82	1912338	42.674	ng	99
26) 2-Nitrophenol	9.686	139	471795	46.287	ng	99
27) 2,4-Dimethylphenol	9.751	122	918348	43.849	ng	98
28) bis(2-Chloroethoxy)met...	9.992	93	1245014	42.528	ng	100
29) 2,4-Dichlorophenol	10.222	162	873426	45.067	ng	99
30) 1,2,4-Trichlorobenzene	10.439	180	886234	41.092	ng	99
31) Naphthalene	10.627	128	2831466	40.557	ng	100
32) Benzoic acid	9.863	122	477925	36.311	ng	98
33) 4-Chloroaniline	10.727	127	187043	6.284	ng	99
34) Hexachlorobutadiene	10.922	225	516046	40.227	ng	100
35) Caprolactam	11.492	113	211805	34.472	ng	97
36) 4-Chloro-3-methylphenol	11.851	107	877820	42.447	ng	100
37) 2-Methylnaphthalene	12.239	142	1772625	42.088	ng	99
38) 1-Methylnaphthalene	12.457	142	1844686	41.266	ng	100
40) 1,2,4,5-Tetrachloroben...	12.610	216	960082	44.670	ng	99
41) Hexachlorocyclopentadiene	12.598	237	1140357	87.366	ng	97
43) 2,4,6-Trichlorophenol	12.845	196	659262	46.644	ng	98

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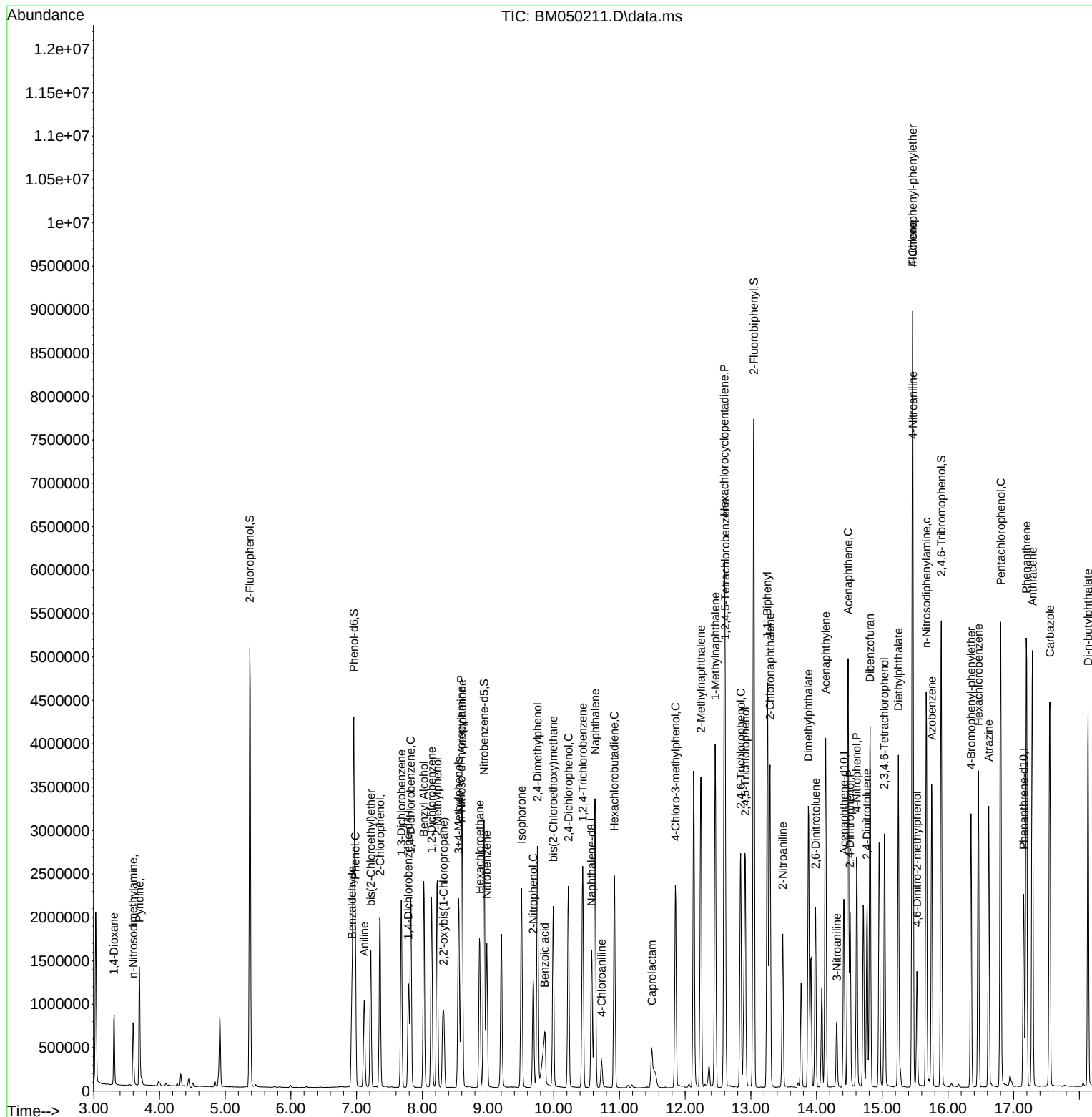
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	711164	45.827	ng	99
46) 1,1'-Biphenyl	13.251	154	2452677	44.007	ng	99
47) 2-Chloronaphthalene	13.292	162	1881619	43.426	ng	100
48) 2-Nitroaniline	13.486	65	452934	47.502	ng	98
49) Acenaphthylene	14.139	152	3052359	43.554	ng	100
50) Dimethylphthalate	13.874	163	2192800	43.562	ng	99
51) 2,6-Dinitrotoluene	13.986	165	471247	46.422	ng	99
52) Acenaphthene	14.480	154	2026567	46.232	ng	99
53) 3-Nitroaniline	14.310	138	203472	17.984	ng	98
54) 2,4-Dinitrophenol	14.510	184	442324	73.179	ng	97
55) Dibenzofuran	14.815	168	2748348	42.856	ng	99
56) 4-Nitrophenol	14.610	139	789854	82.024	ng	99
57) 2,4-Dinitrotoluene	14.768	165	637253	47.588	ng	99
58) Fluorene	15.462	166	2086832	42.486	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	586771	43.703	ng	93
60) Diethylphthalate	15.245	149	2118106	42.409	ng	99
61) 4-Chlorophenyl-phenylether	15.462	204	1007290	42.432	ng	97
62) 4-Nitroaniline	15.468	138	431923	40.732	ng	98
63) Azobenzene	15.751	77	2096222	41.991	ng	98
65) 4,6-Dinitro-2-methylph...	15.527	198	303524	43.451	ng	98
66) n-Nitrosodiphenylamine	15.668	169	1833639	45.629	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	631109	46.273	ng	99
68) Hexachlorobenzene	16.462	284	727918	45.681	ng	98
69) Atrazine	16.621	200	590156	46.090	ng	98
70) Pentachlorophenol	16.804	266	953669	92.052	ng	99
71) Phenanthrene	17.192	178	3163946	43.304	ng	100
72) Anthracene	17.286	178	3193033	43.685	ng	100
73) Carbazole	17.551	167	2890483	43.408	ng	100
74) Di-n-butylphthalate	18.133	149	3263385	45.042	ng	100
75) Fluoranthene	19.203	202	3320524	43.096	ng	99
77) Benzidine	19.386	184	701246	22.118	ng	99
78) Pyrene	19.568	202	3454160	45.454	ng	99
80) Butylbenzylphthalate	20.480	149	1245626	49.140	ng	99
81) Benzo(a)anthracene	21.368	228	3199318	44.831	ng	100
82) 3,3'-Dichlorobenzidine	21.286	252	474153	21.788	ng	99
83) Chrysene	21.427	228	3033462	44.686	ng	99
84) Bis(2-ethylhexyl)phtha...	21.315	149	1868435	47.853	ng	99
85) Di-n-octyl phthalate	22.456	149	3010702	51.964	ng	100
87) Indeno(1,2,3-cd)pyrene	27.744	276	4044672	50.443	ng	# 93
88) Benzo(b)fluoranthene	23.433	252	3187024	44.018	ng	99
89) Benzo(k)fluoranthene	23.497	252	3248023	43.944	ng	99
90) Benzo(a)pyrene	24.232	252	3112925	45.728	ng	99
91) Dibenzo(a,h)anthracene	27.809	278	3254856	50.009	ng	100
92) Benzo(g,h,i)perylene	28.791	276	3327556	51.082	ng	99

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

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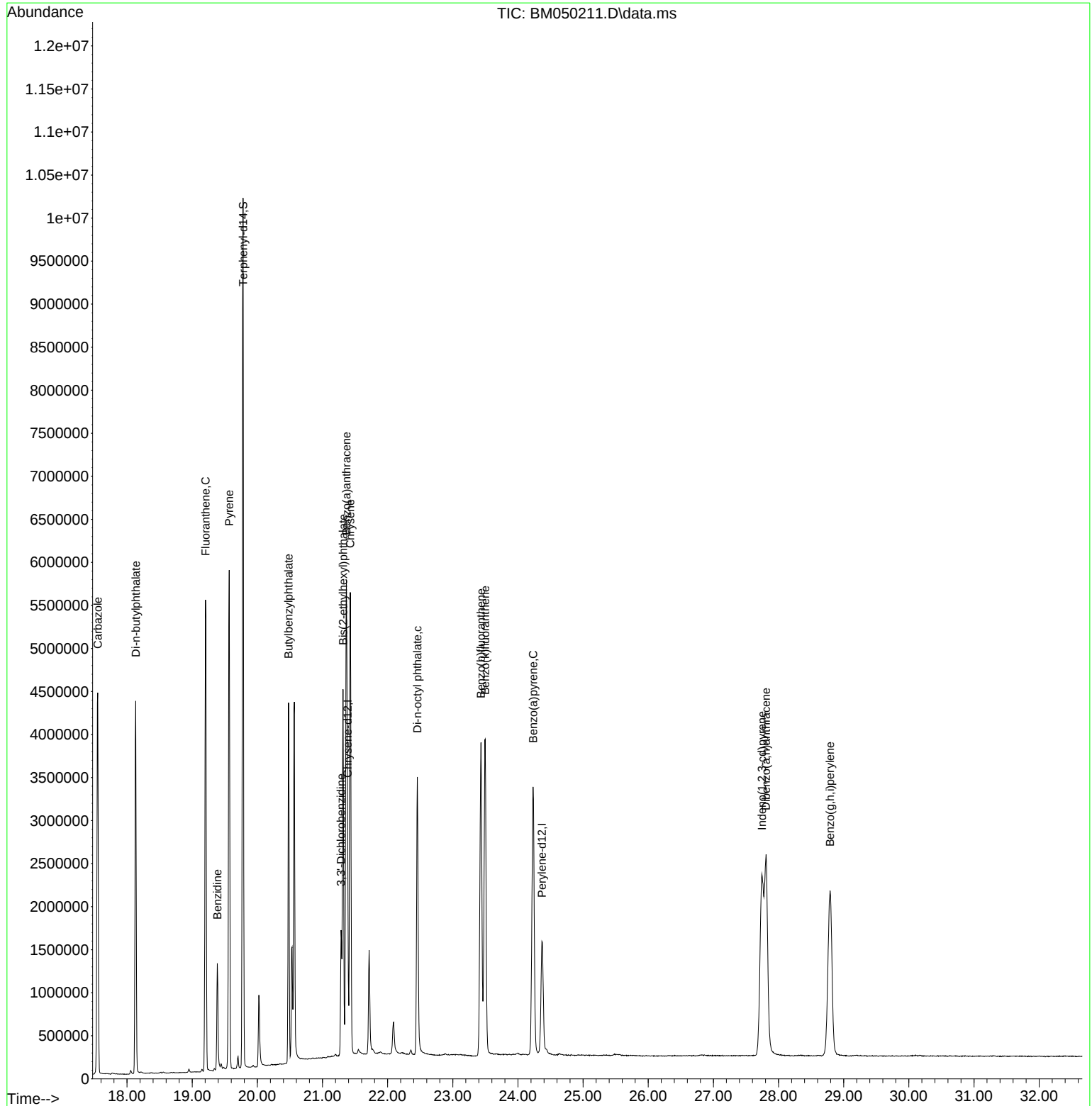
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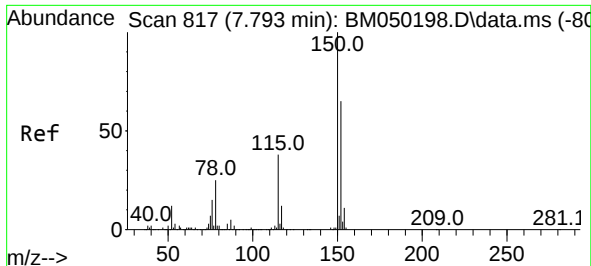


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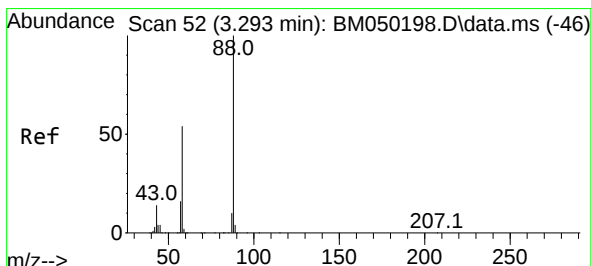
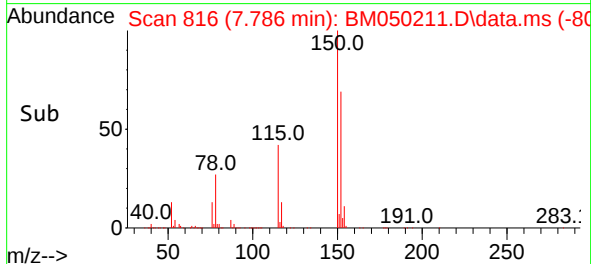
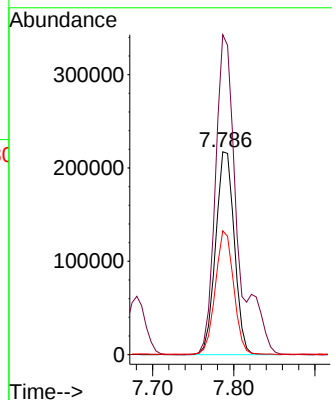
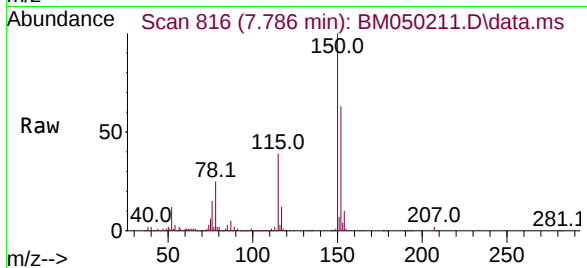




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.786 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BM050211.D
 Acq: 06 Jun 2025 12:46

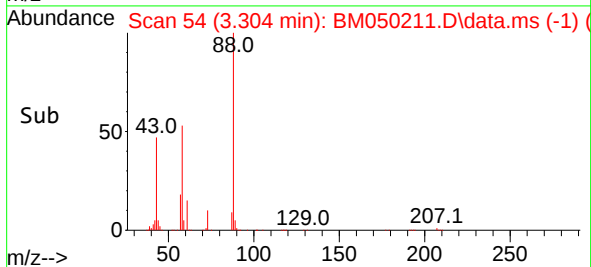
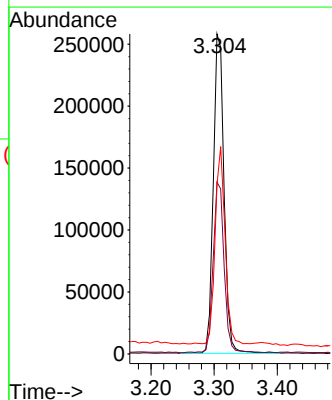
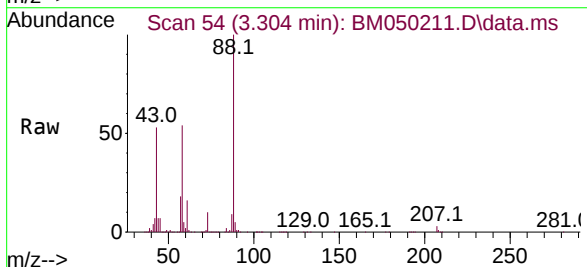
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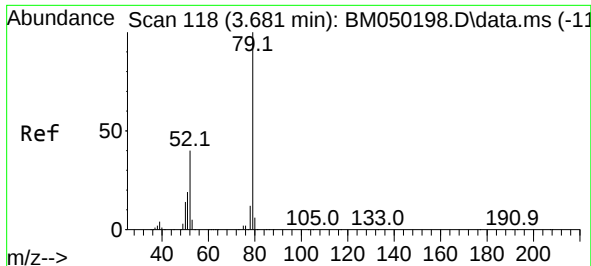
Tgt Ion:152 Resp: 347769
 Ion Ratio Lower Upper
 152 100
 150 157.8 122.2 183.4
 115 61.0 46.3 69.5



#2
 1,4-Dioxane
 Concen: 33.295 ng
 RT: 3.304 min Scan# 54
 Delta R.T. 0.012 min
 Lab File: BM050211.D
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Tgt Ion: 88 Resp: 304263
 Ion Ratio Lower Upper
 88 100
 58 54.4 42.9 64.3
 43 57.1 11.0 16.6#

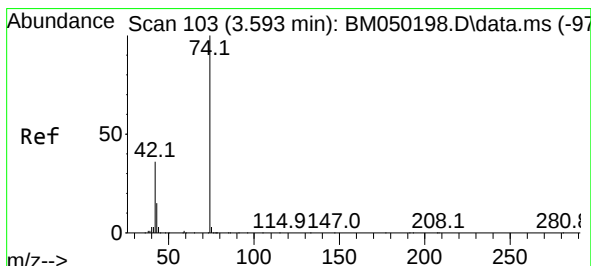
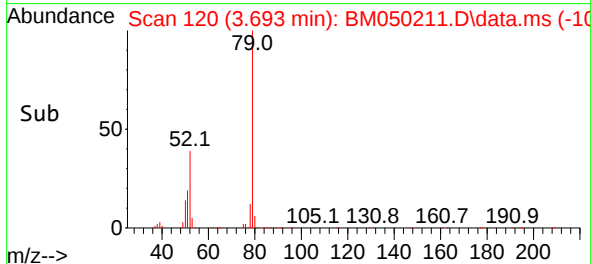
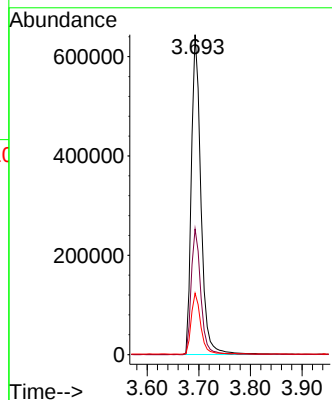
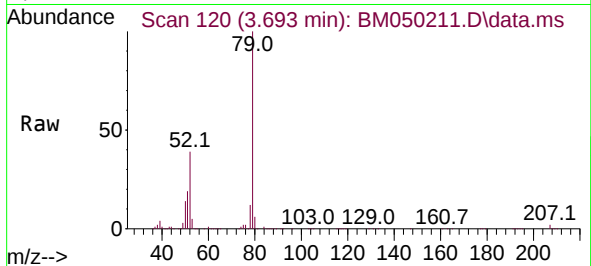




#3
Pyridine
Concen: 34.964 ng
RT: 3.693 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

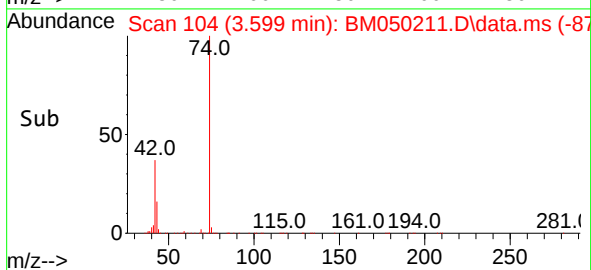
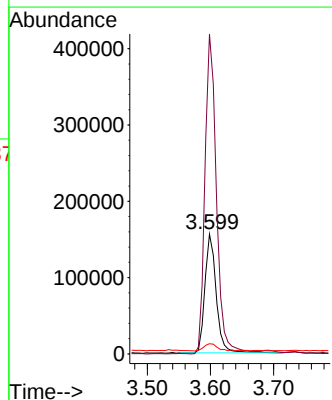
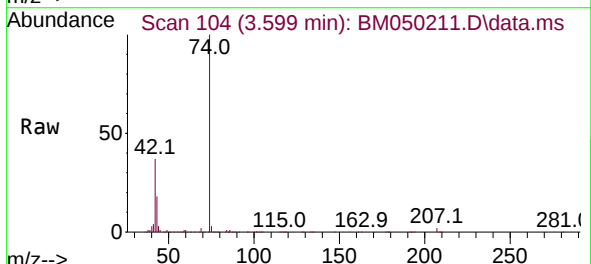
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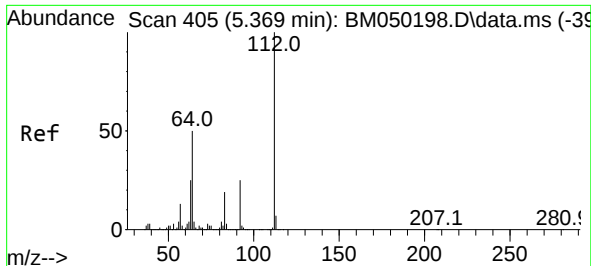
Tgt Ion: 79 Resp: 827427
Ion Ratio Lower Upper
79 100
52 39.3 32.1 48.1
51 19.2 15.4 23.0



#4
n-Nitrosodimethylamine
Concen: 39.545 ng
RT: 3.599 min Scan# 104
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion: 42 Resp: 193516
Ion Ratio Lower Upper
42 100
74 267.1 222.0 333.0
44 8.5 7.0 10.6

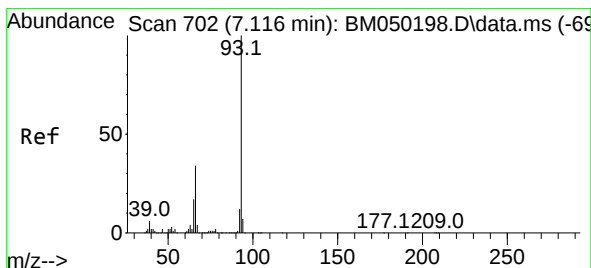
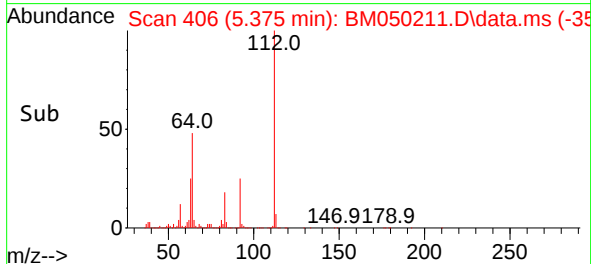
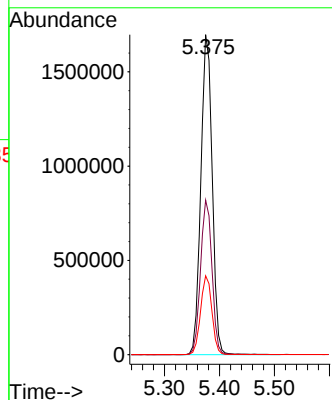
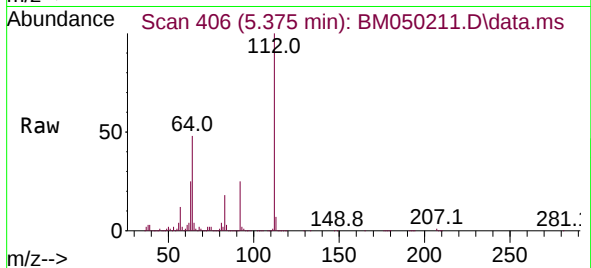




#5
2-Fluorophenol
Concen: 116.598 ng
RT: 5.375 min Scan# 405
Delta R.T. -0.000 min
Lab File: BM050211.D
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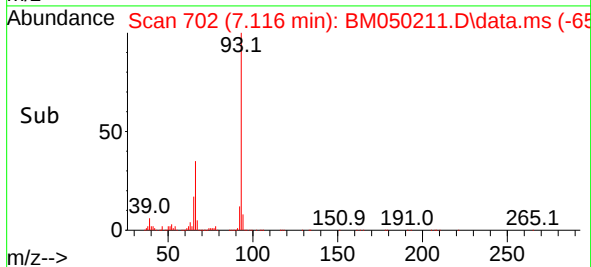
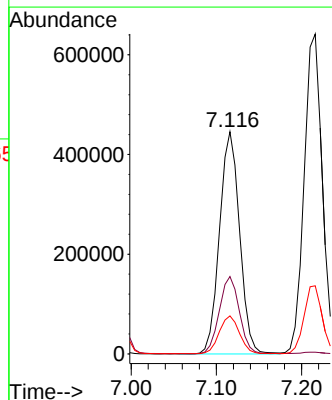
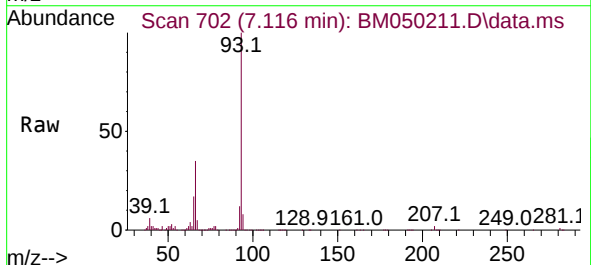
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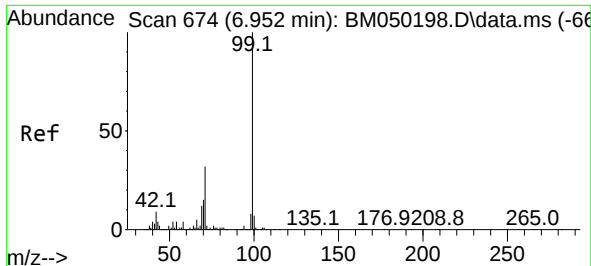
Tgt Ion:112 Resp: 2430803
Ion Ratio Lower Upper
112 100
64 48.3 39.8 59.6
63 24.6 19.8 29.8



#6
Aniline
Concen: 20.096 ng
RT: 7.116 min Scan# 702
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion: 93 Resp: 729082
Ion Ratio Lower Upper
93 100
66 34.8 27.4 41.2
65 17.1 13.6 20.4

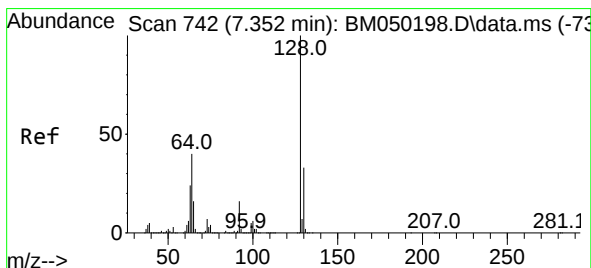
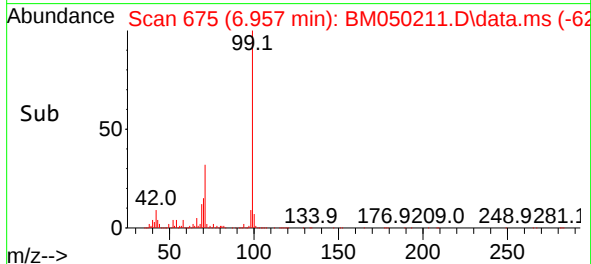
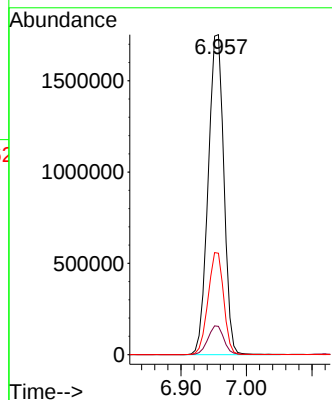
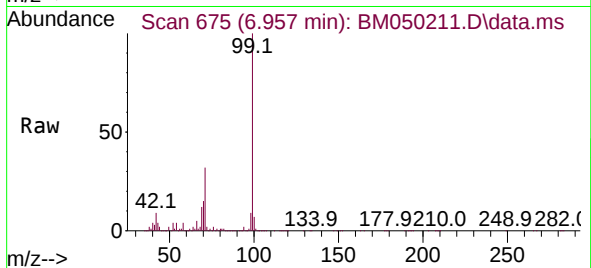




#7
Phenol-d6
Concen: 105.864 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050211.D
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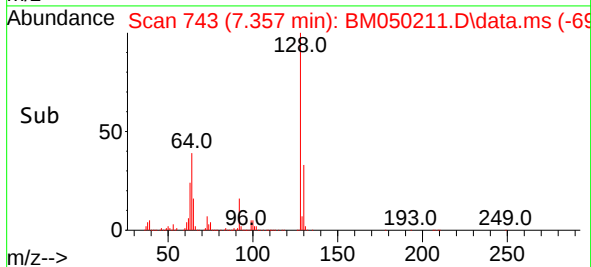
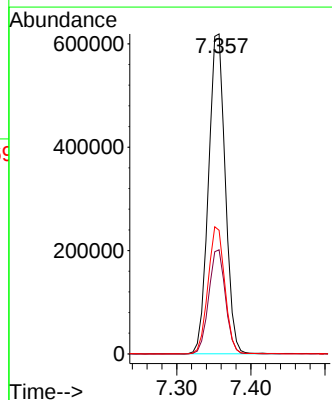
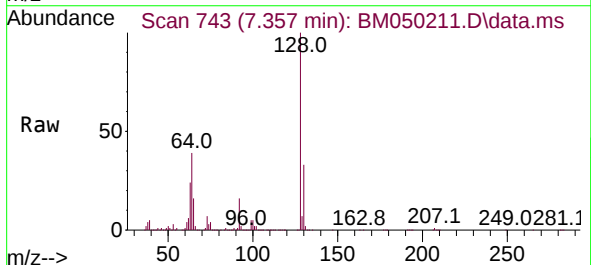
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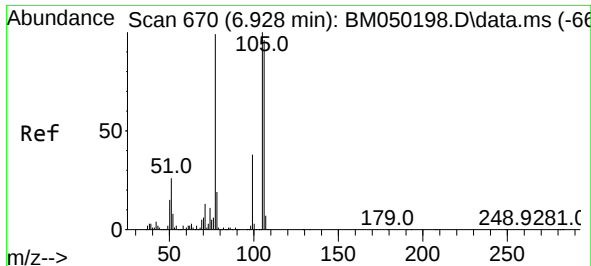
Tgt Ion: 99 Resp: 2905330
Ion Ratio Lower Upper
99 100
42 8.9 6.9 10.3
71 31.7 25.3 37.9



#8
2-Chlorophenol
Concen: 42.475 ng
RT: 7.357 min Scan# 743
Delta R.T. -0.000 min
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Tgt Ion: 128 Resp: 974022
Ion Ratio Lower Upper
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130 32.5 12.6 52.6
64 38.6 19.8 59.8

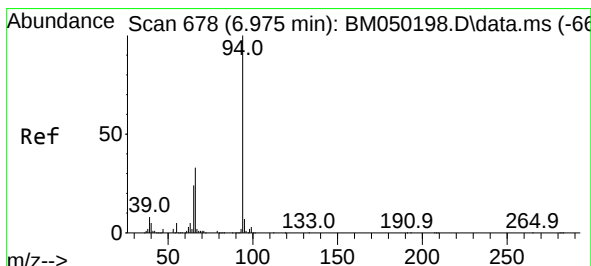
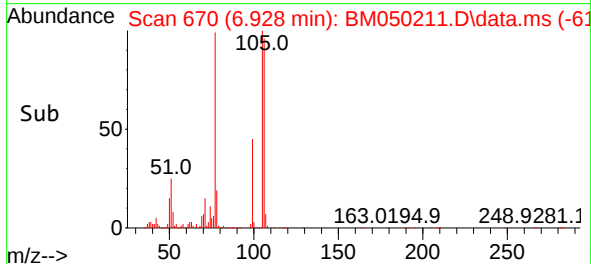
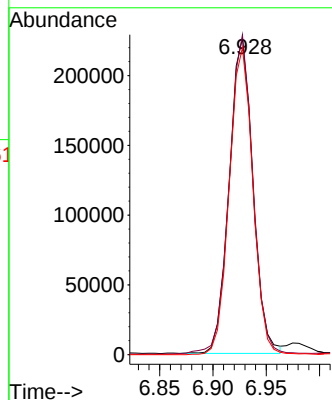
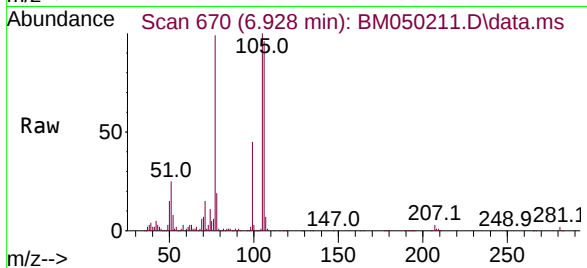




#9
Benzaldehyde
Concen: 20.027 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.000 min
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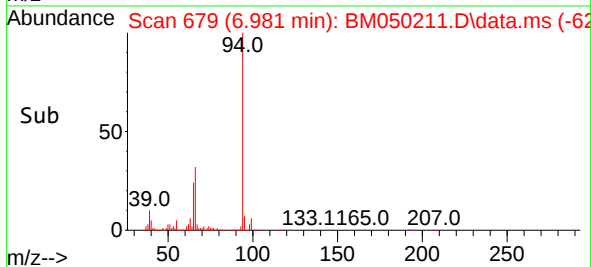
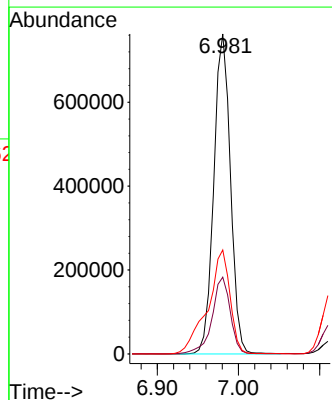
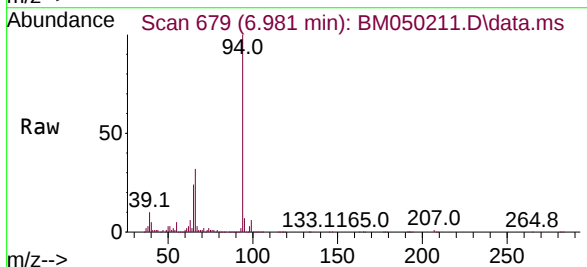
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

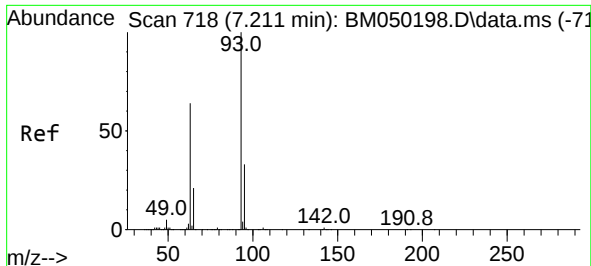
Tgt Ion: 77 Resp: 349435
Ion Ratio Lower Upper
77 100
105 101.2 80.9 120.9
106 97.1 77.1 117.1



#10
Phenol
Concen: 37.438 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion: 94 Resp: 1087108
Ion Ratio Lower Upper
94 100
65 24.0 4.3 44.3
66 32.5 12.9 52.9

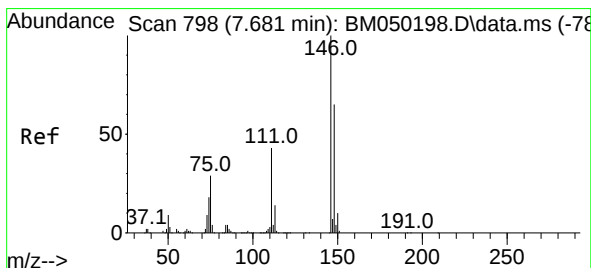
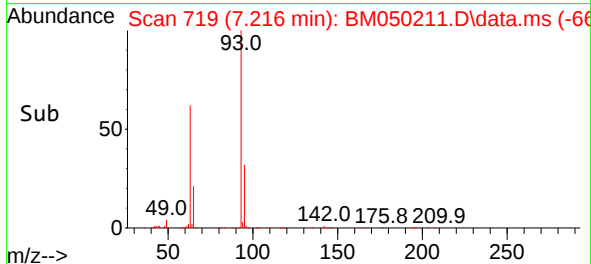
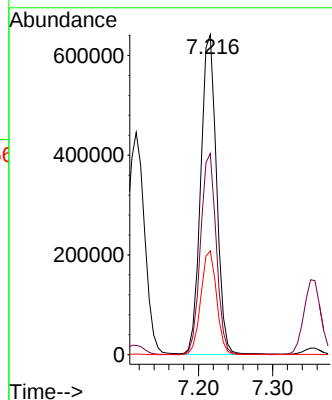
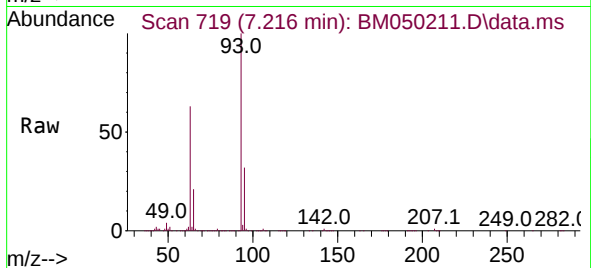




#11
bis(2-Chloroethyl)ether
Concen: 40.675 ng
RT: 7.216 min Scan# 718
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

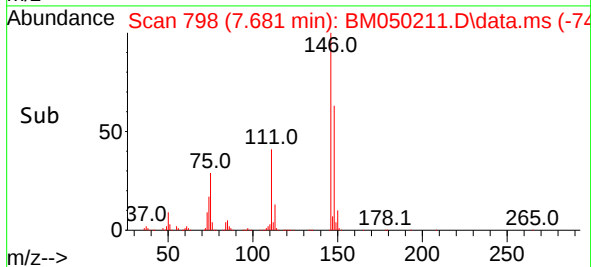
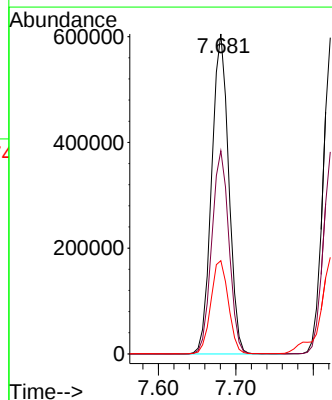
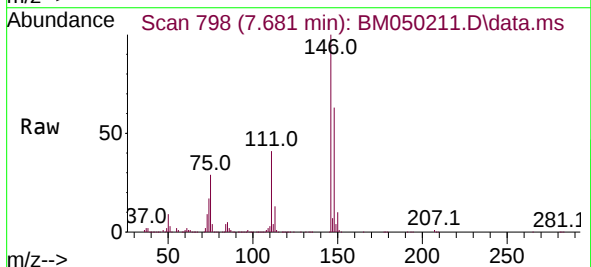
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

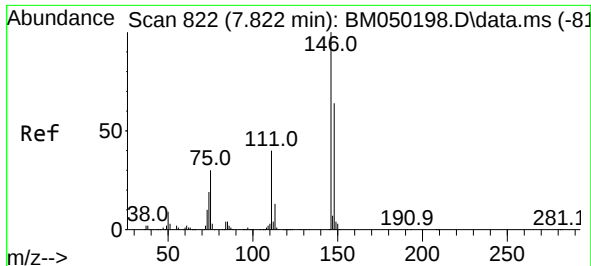
Tgt Ion: 93 Resp: 950012
Ion Ratio Lower Upper
93 100
63 62.8 43.9 83.9
95 32.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 35.976 ng
RT: 7.681 min Scan# 798
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion: 146 Resp: 922280
Ion Ratio Lower Upper
146 100
148 63.5 51.9 77.9
75 29.1 23.4 35.0

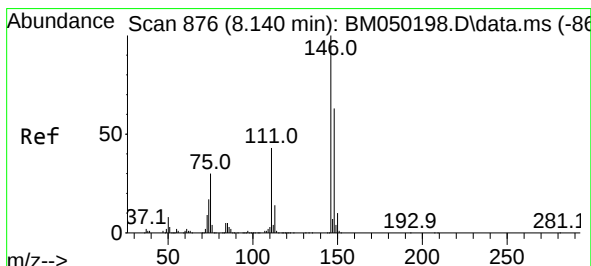
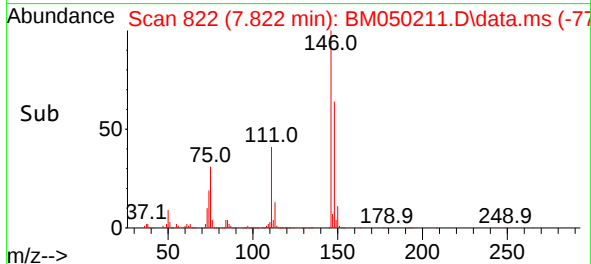
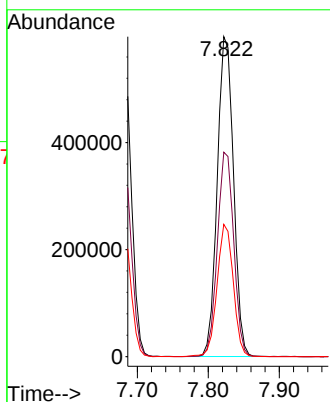
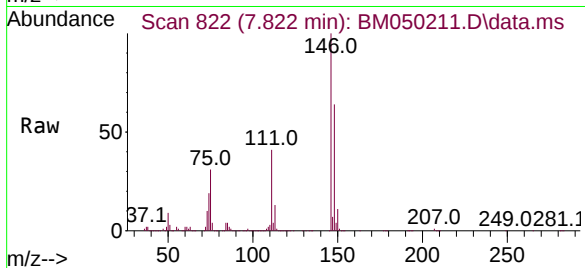




#13
1,4-Dichlorobenzene
Concen: 35.710 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

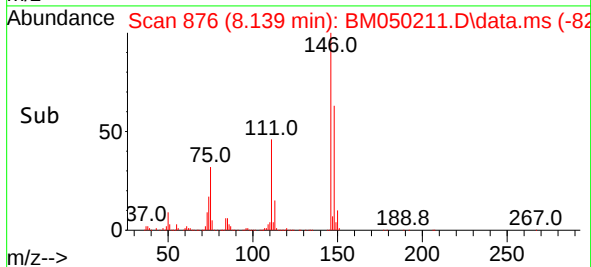
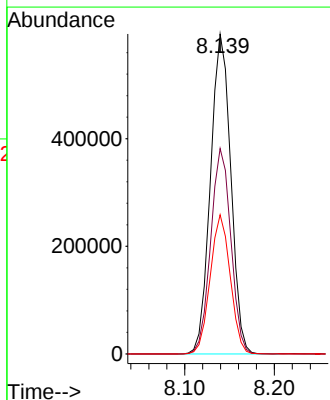
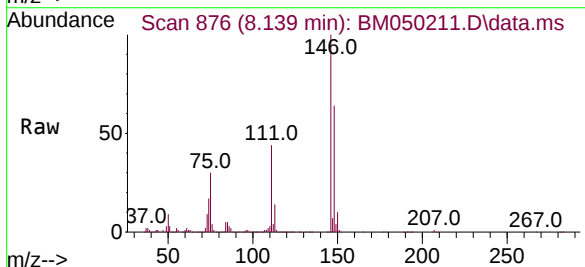
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

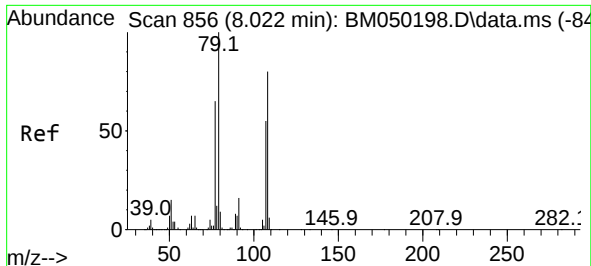
Tgt Ion:146 Resp: 952487
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.0
111 41.3 32.3 48.5



#14
1,2-Dichlorobenzene
Concen: 36.854 ng
RT: 8.139 min Scan# 876
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:146 Resp: 937100
Ion Ratio Lower Upper
146 100
148 64.2 50.4 75.6
111 43.5 34.3 51.5

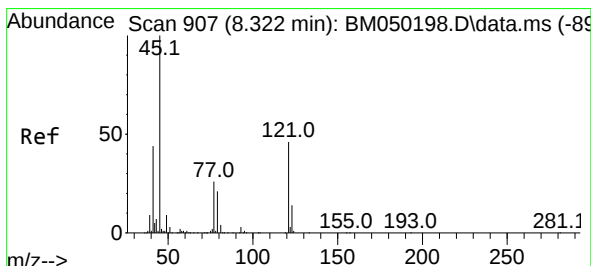
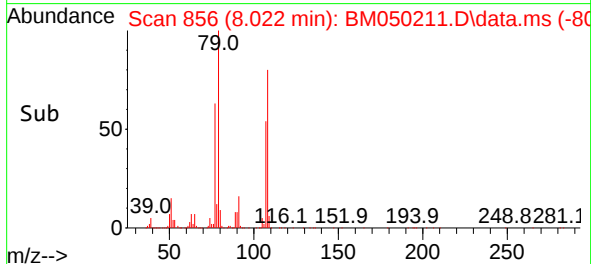
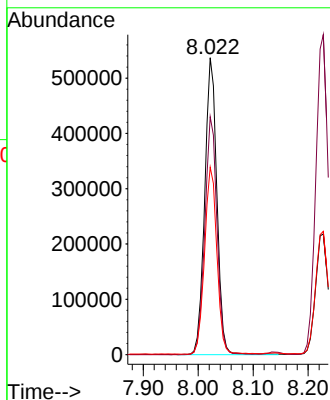
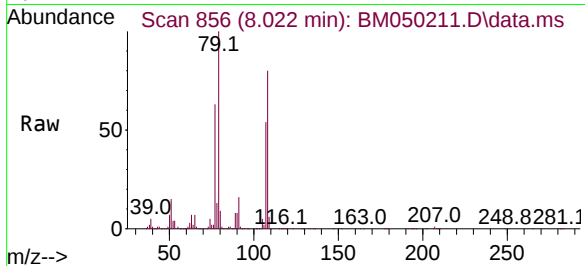




#15
Benzyl Alcohol
Concen: 42.243 ng
RT: 8.022 min Scan# 856
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

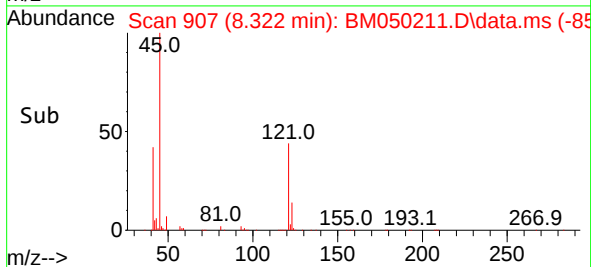
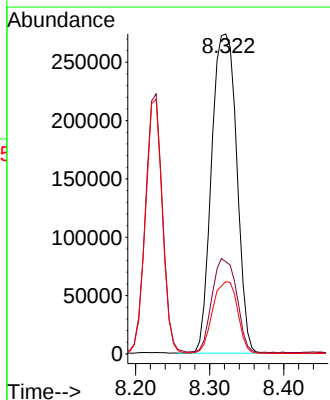
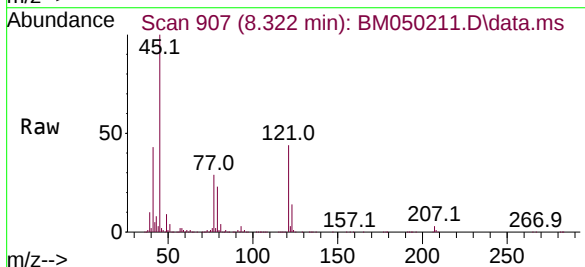
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

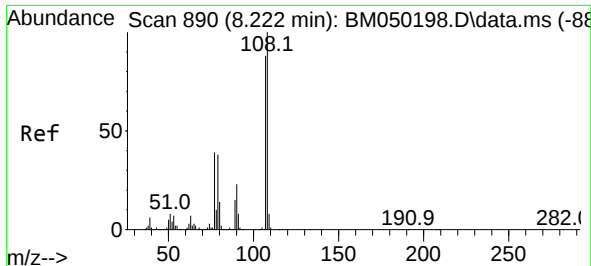
Tgt Ion: 79 Resp: 826863
Ion Ratio Lower Upper
79 100
108 80.1 64.0 96.0
77 63.1 52.2 78.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.648 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion: 45 Resp: 643282
Ion Ratio Lower Upper
45 100
77 28.8 8.7 48.7
79 22.6 2.7 42.7



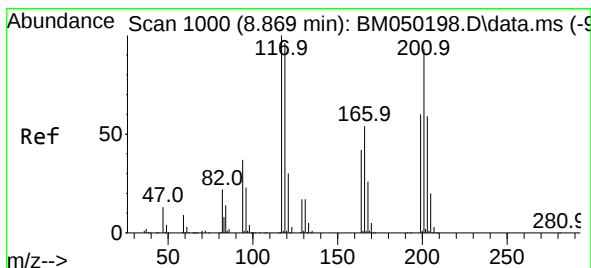
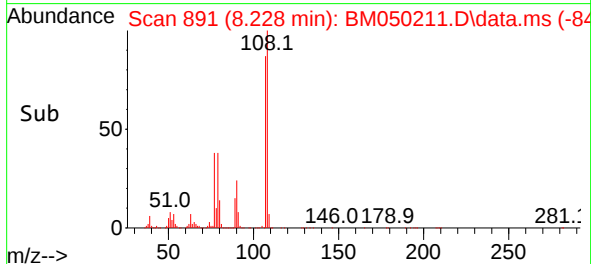
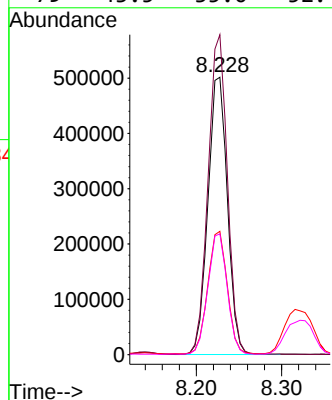
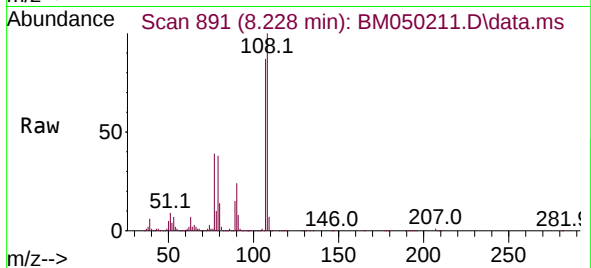


#17
2-Methylphenol
Concen: 41.634 ng
RT: 8.228 min Scan# 890
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

Tgt Ion:107 Resp: 797691

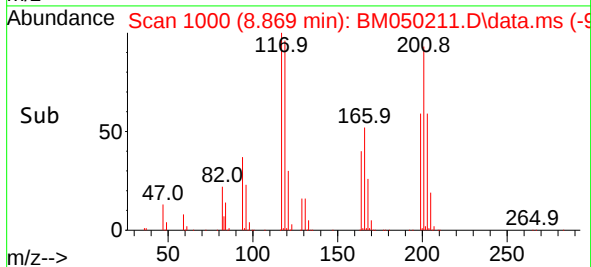
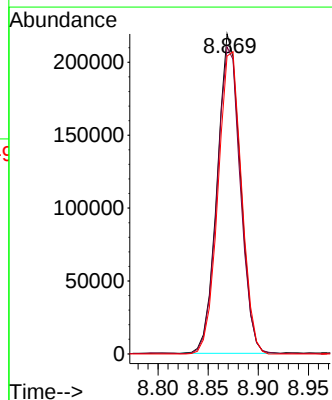
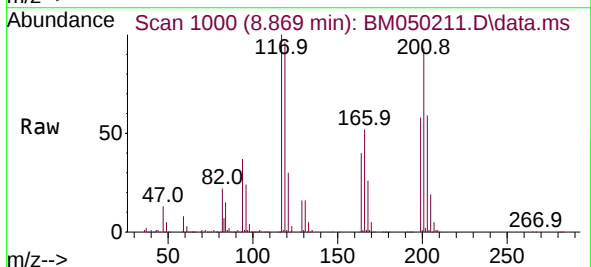
Ion	Ratio	Lower	Upper
107	100		
108	115.4	90.8	136.2
77	44.4	35.7	53.5
79	43.5	35.0	52.4

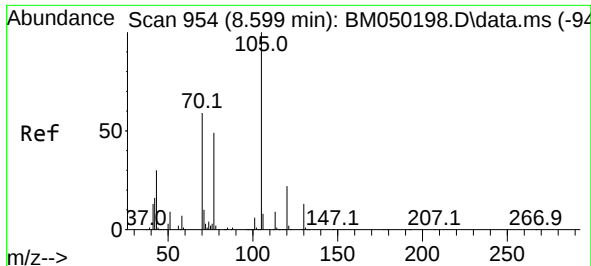


#18
Hexachloroethane
Concen: 36.320 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:117 Resp: 350837

Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.0	115.6
201	93.1	74.6	111.8

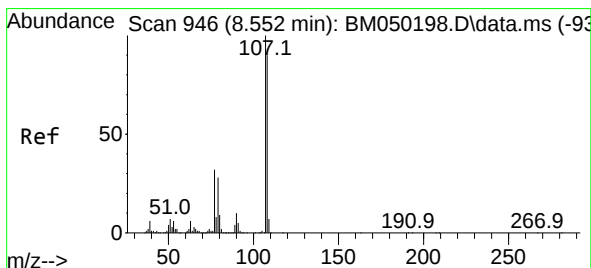
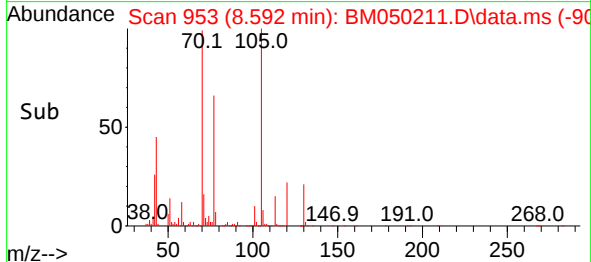
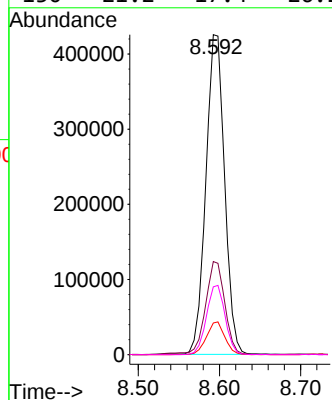
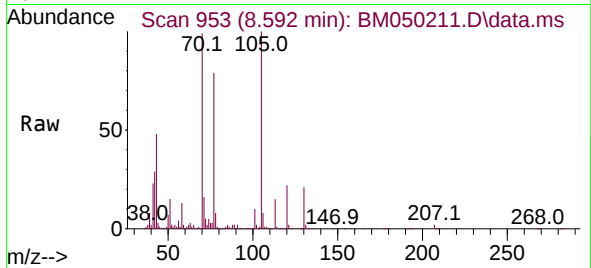




#19
n-Nitroso-di-n-propylamine
Concen: 40.685 ng
RT: 8.592 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

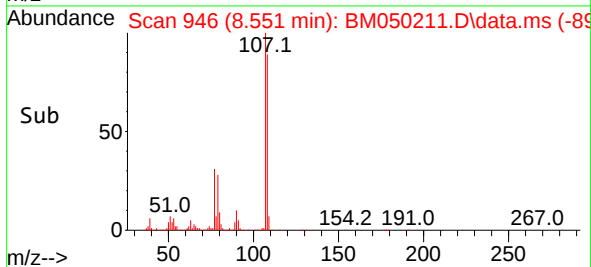
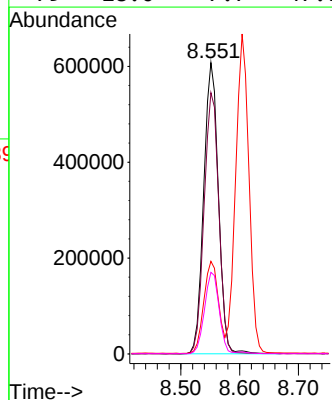
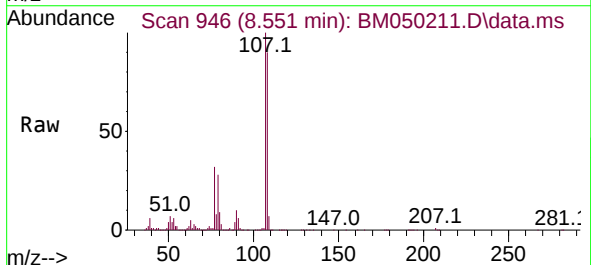
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

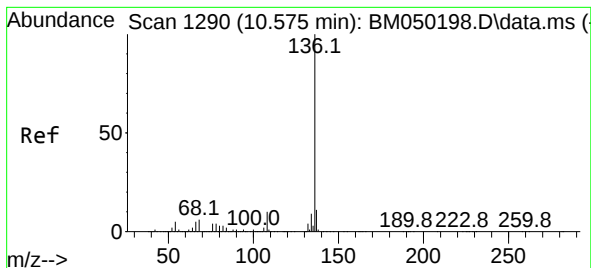
Tgt Ion: 70 Resp: 683284
Ion Ratio Lower Upper
70 100
42 29.1 22.6 33.8
101 9.9 8.3 12.5
130 21.2 17.4 26.2



#20
3+4-Methylphenols
Concen: 41.147 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion: 107 Resp: 1054728
Ion Ratio Lower Upper
107 100
108 89.7 70.4 110.4
77 31.8 12.2 52.2
79 28.0 7.7 47.7

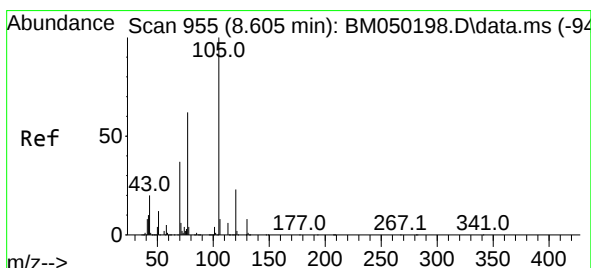
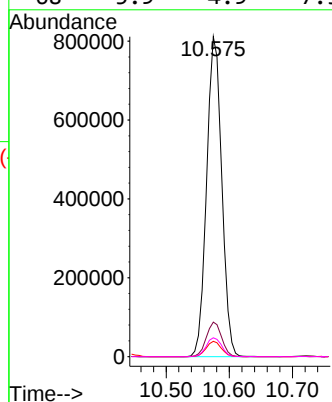
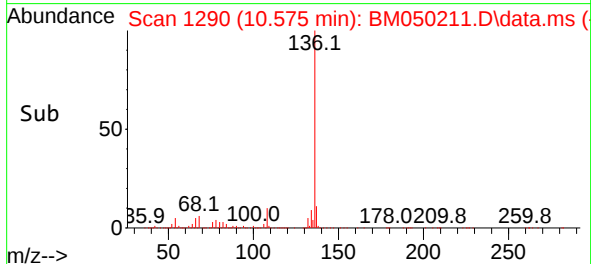
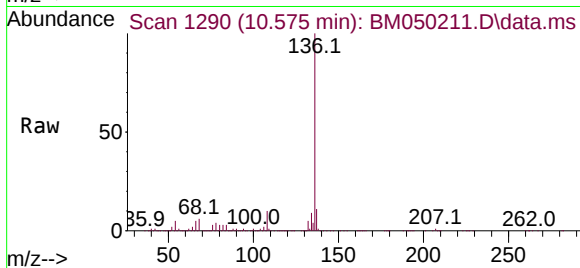




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

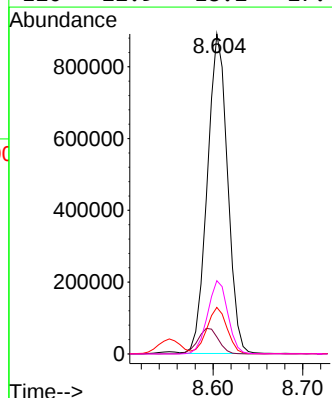
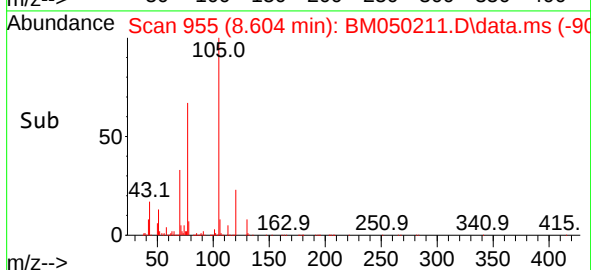
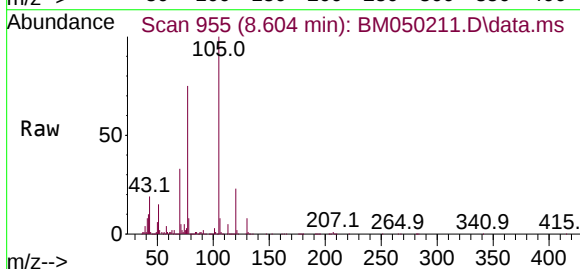
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

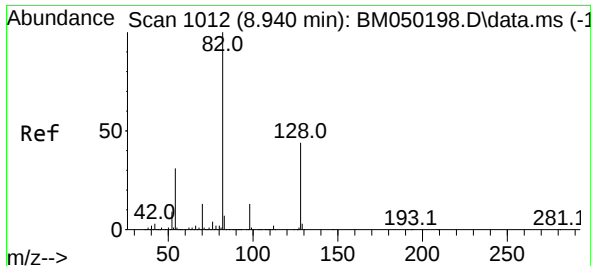
Tgt Ion:136 Resp: 1350319
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 4.8 3.8 5.8
68 5.9 4.9 7.3



#22
Acetophenone
Concen: 41.529 ng
RT: 8.604 min Scan# 955
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:105 Resp: 1400969
Ion Ratio Lower Upper
105 100
71 5.3 5.0 7.4
51 14.5 11.4 17.2
120 22.9 18.2 27.4

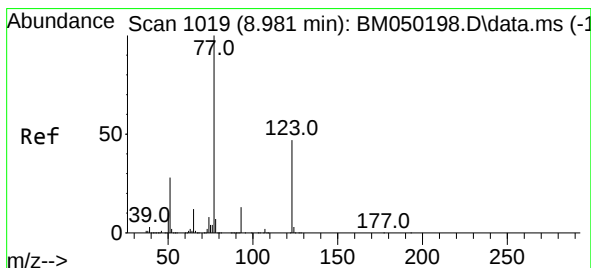
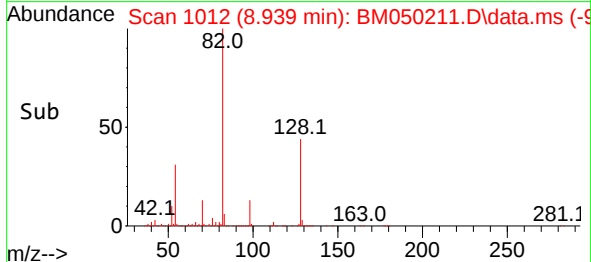
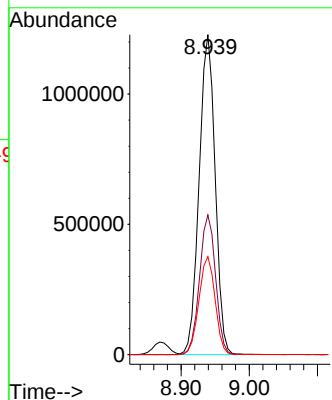
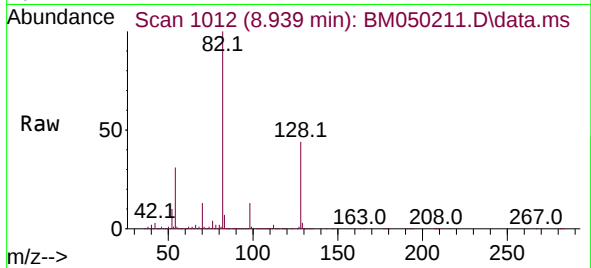




#23
Nitrobenzene-d5
Concen: 77.214 ng
RT: 8.939 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

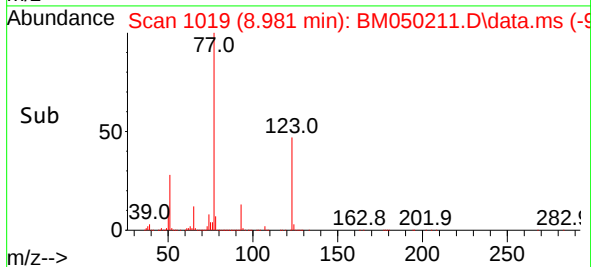
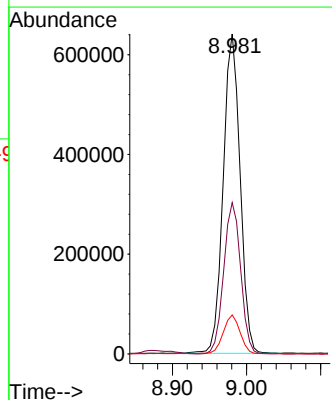
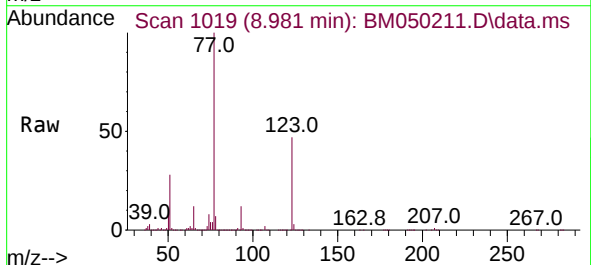
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

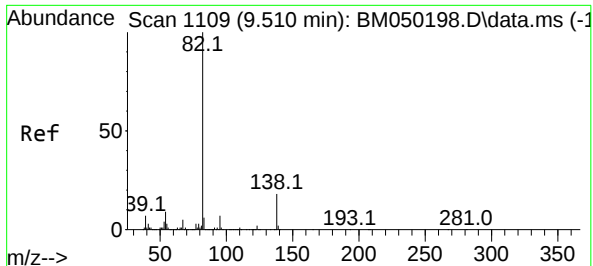
Tgt Ion: 82 Resp: 2004766
Ion Ratio Lower Upper
82 100
128 43.6 35.2 52.8
54 30.6 24.5 36.7



#24
Nitrobenzene
Concen: 42.856 ng
RT: 8.981 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion: 77 Resp: 1011971
Ion Ratio Lower Upper
77 100
123 47.3 38.2 57.2
65 12.2 9.5 14.3

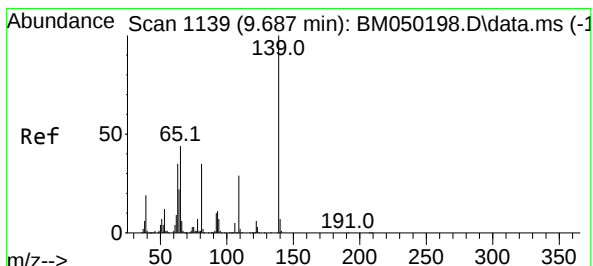
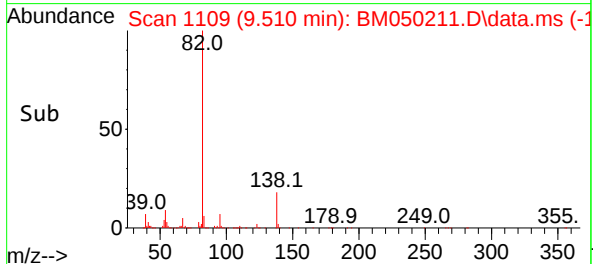
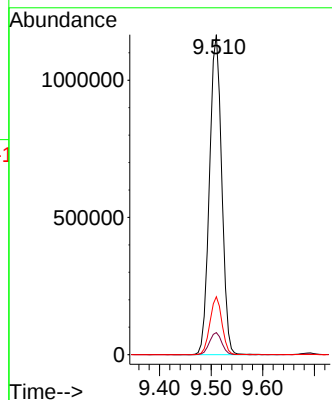
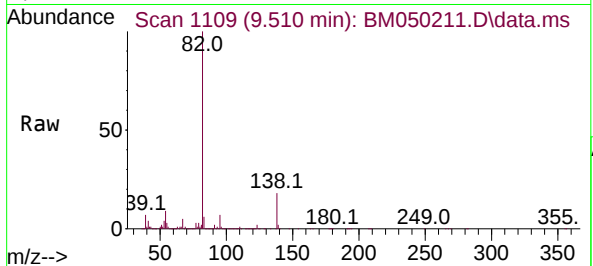




#25
Isophorone
Concen: 42.674 ng
RT: 9.510 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

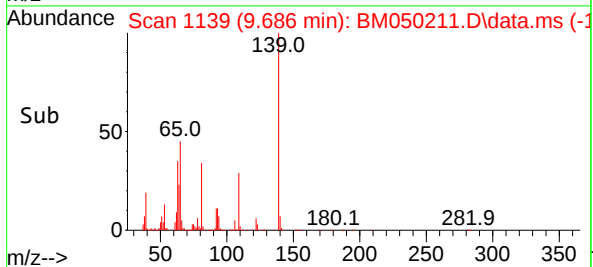
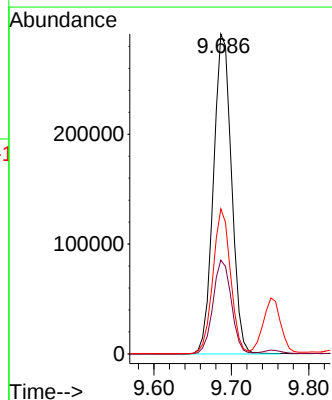
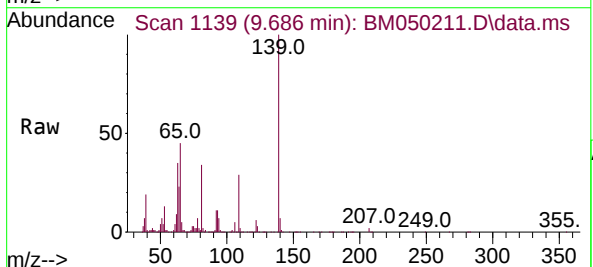
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

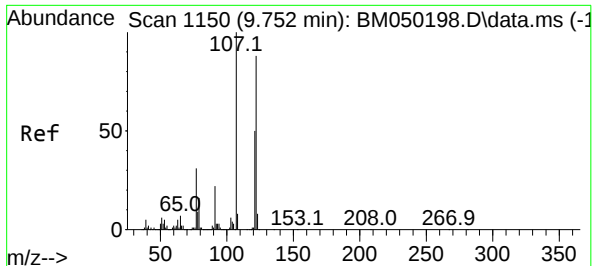
Tgt Ion: 82 Resp: 1912338
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 18.1 14.2 21.2



#26
2-Nitrophenol
Concen: 46.287 ng
RT: 9.686 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:139 Resp: 471795
Ion Ratio Lower Upper
139 100
109 29.3 23.3 34.9
65 45.3 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 43.849 ng

RT: 9.751 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

Instrument :

BNA_M

ClientSampleId :

B-187-SB01MSD

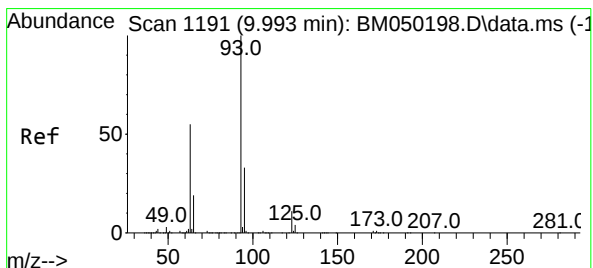
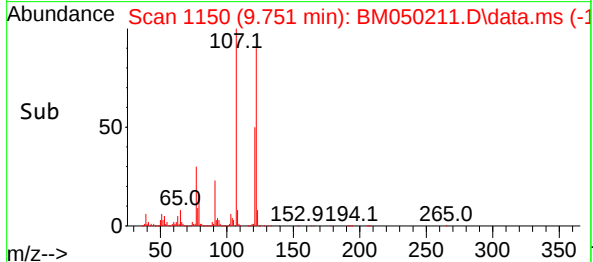
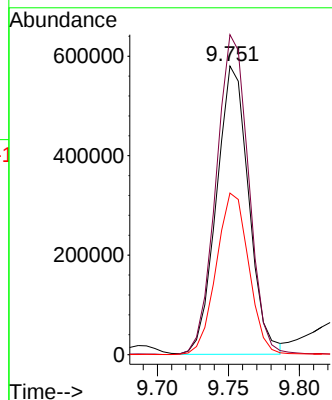
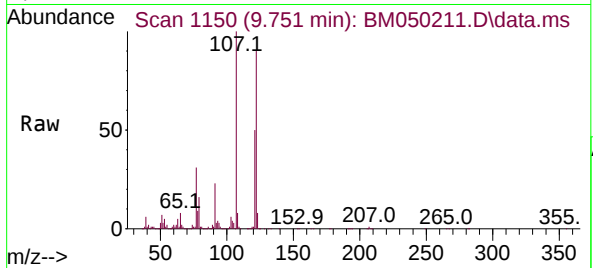
Tgt Ion:122 Resp: 918348

Ion Ratio Lower Upper

122 100

107 110.9 91.0 136.6

121 56.0 45.8 68.6



#28

bis(2-Chloroethoxy)methane

Concen: 42.528 ng

RT: 9.992 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

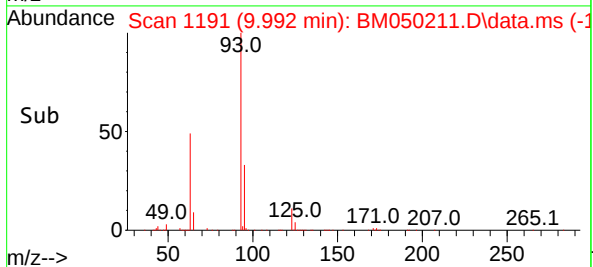
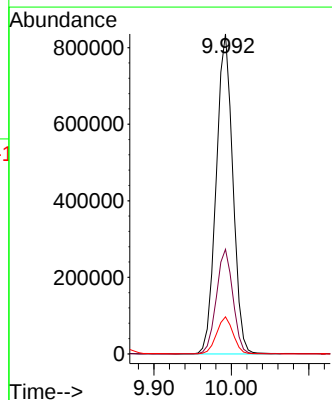
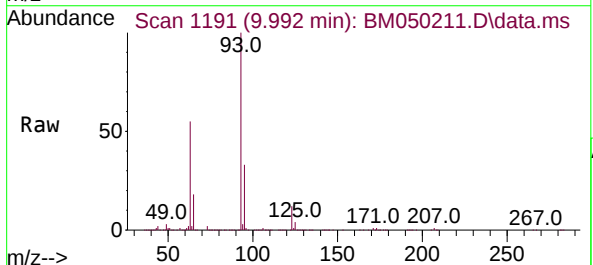
Tgt Ion: 93 Resp: 1245014

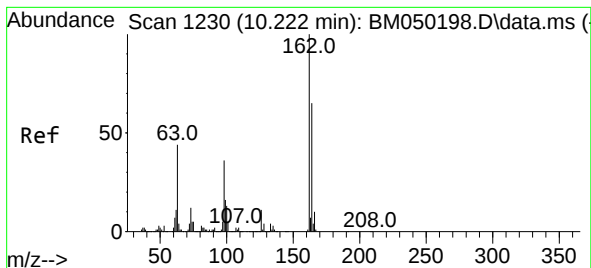
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.4

123 11.6 8.9 13.3

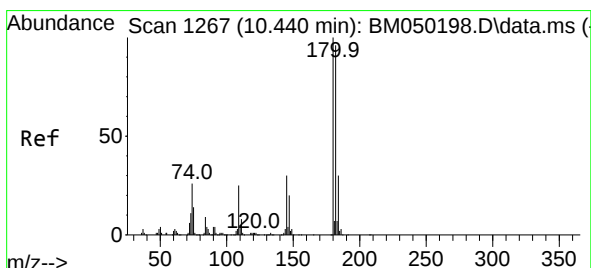
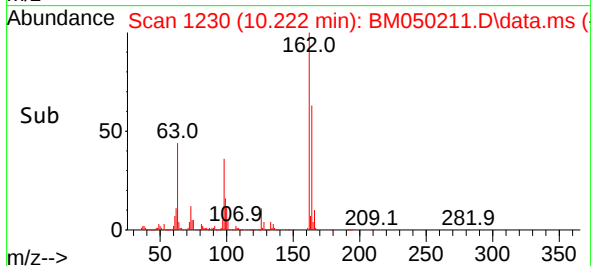
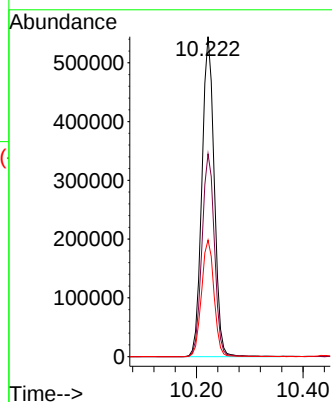
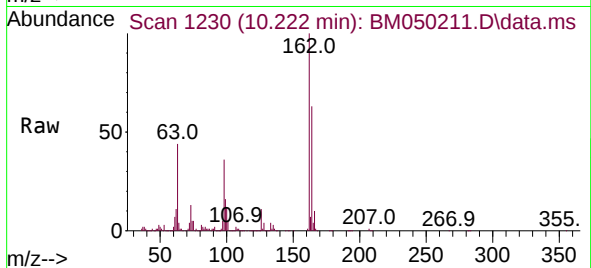




#29
2,4-Dichlorophenol
Concen: 45.067 ng
RT: 10.222 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

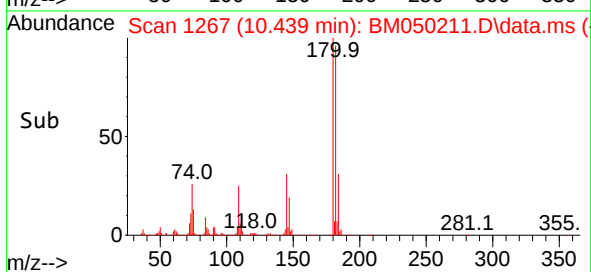
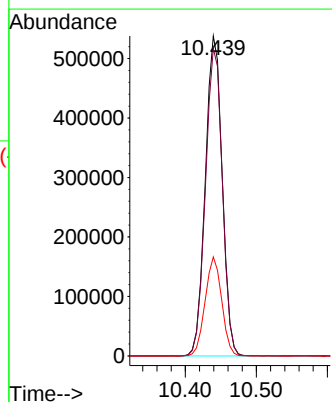
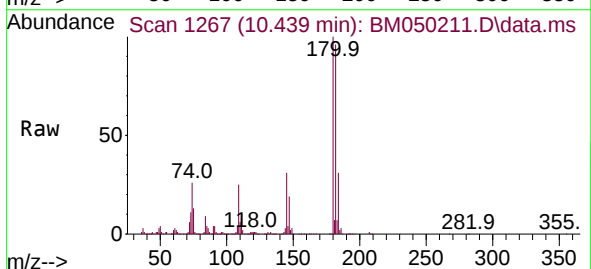
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

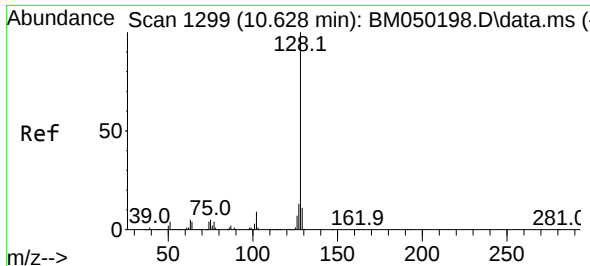
Tgt Ion:162 Resp: 873426
Ion Ratio Lower Upper
162 100
164 63.4 45.0 85.0
98 36.4 16.3 56.3



#30
1,2,4-Trichlorobenzene
Concen: 41.092 ng
RT: 10.439 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:180 Resp: 886234
Ion Ratio Lower Upper
180 100
182 96.1 76.6 114.8
145 30.9 24.2 36.4

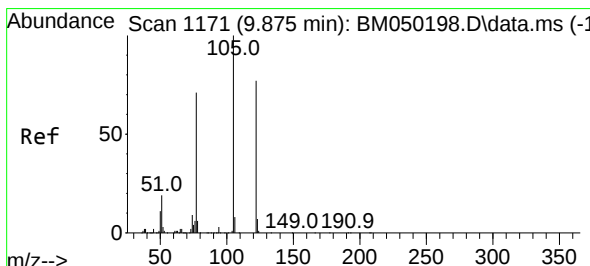
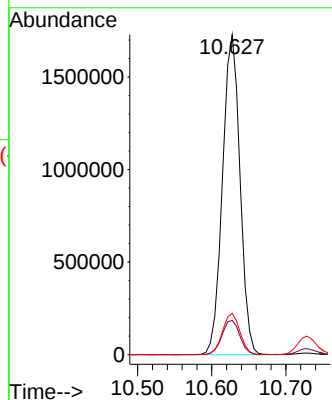
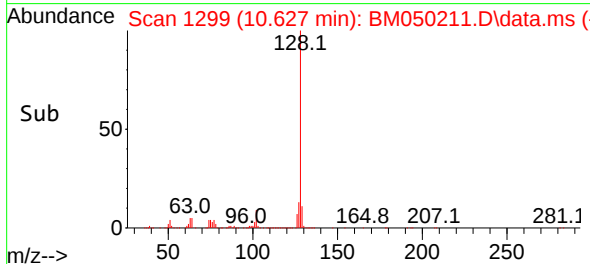
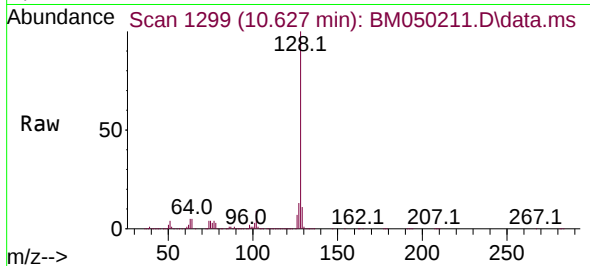




#31
Naphthalene
Concen: 40.557 ng
RT: 10.627 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

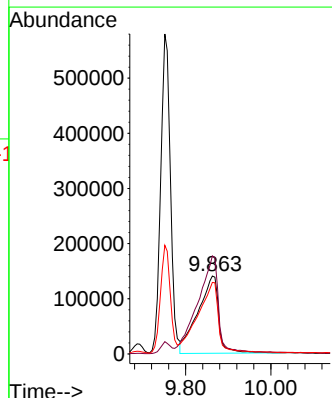
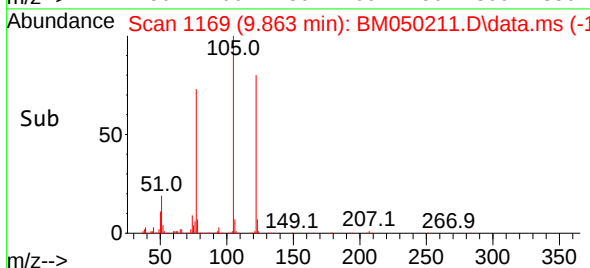
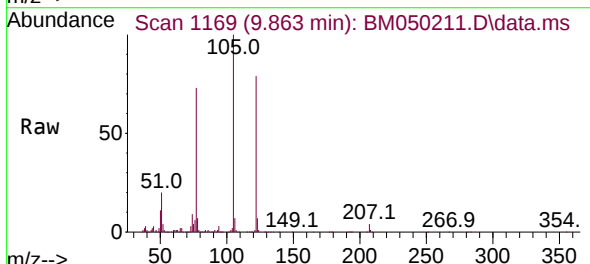
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

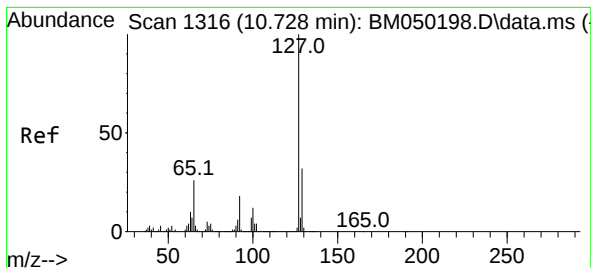
Tgt Ion:128 Resp: 2831466
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 36.311 ng
RT: 9.863 min Scan# 1169
Delta R.T. -0.053 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:122 Resp: 477925
Ion Ratio Lower Upper
122 100
105 125.9 103.4 143.4
77 91.8 70.3 110.3

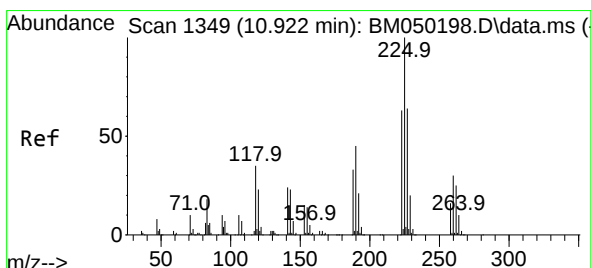
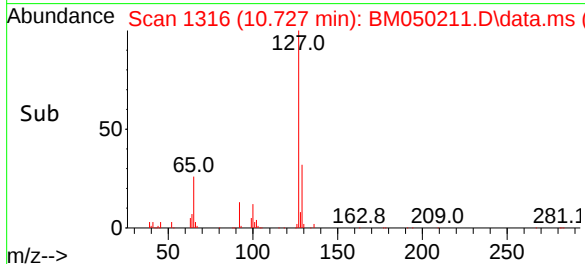
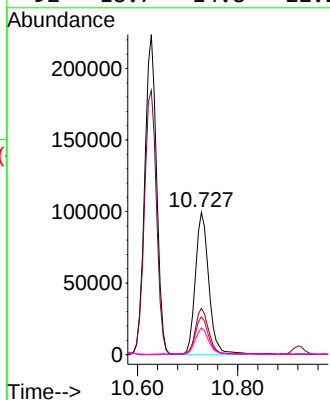
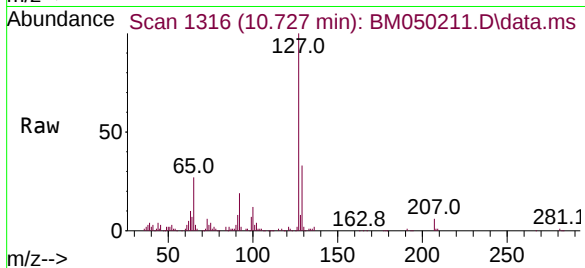




#33
4-Chloroaniline
Concen: 6.284 ng
RT: 10.727 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

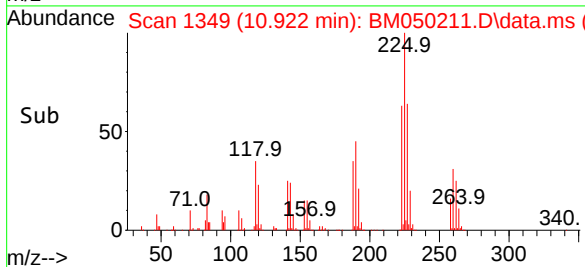
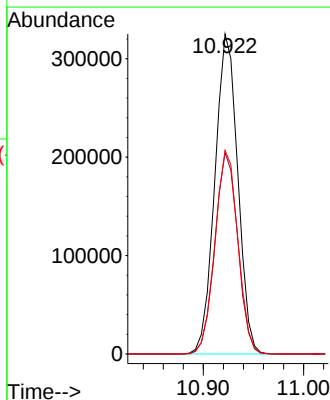
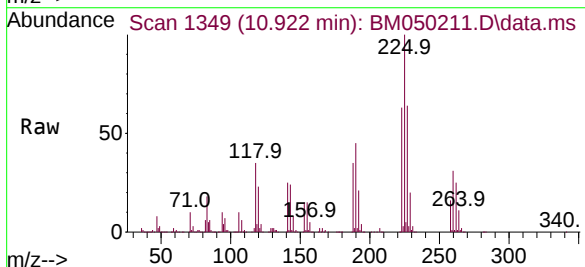
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

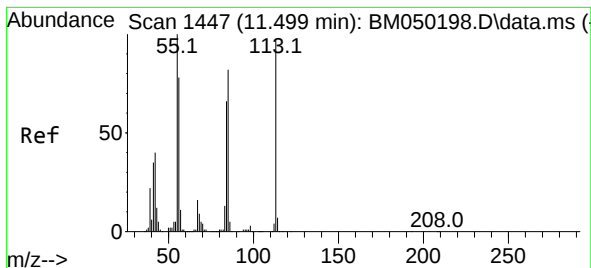
Tgt Ion:	127	Resp:	187043
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.0
65	26.6	21.0	31.4
92	18.7	14.8	22.2



#34
Hexachlorobutadiene
Concen: 40.227 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:	225	Resp:	516046
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.2	75.2
227	63.6	51.0	76.4





#35

Caprolactam

Concen: 34.472 ng

RT: 11.492 min Scan# 1447

Delta R.T. -0.030 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

Instrument :

BNA_M

ClientSampleId :

B-187-SB01MSD

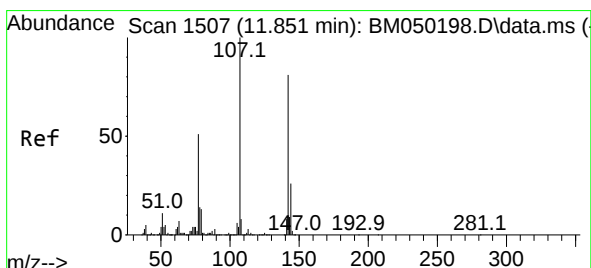
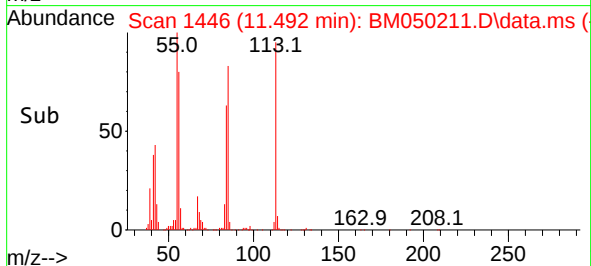
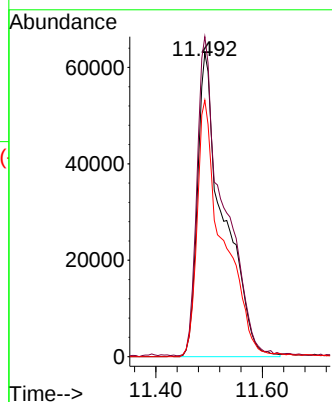
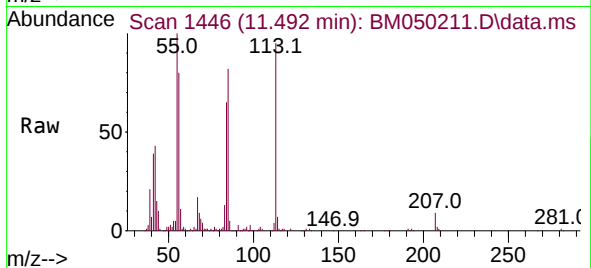
Tgt Ion:113 Resp: 211805

Ion Ratio Lower Upper

113 100

55 105.4 83.5 123.5

56 84.4 60.6 100.6



#36

4-Chloro-3-methylphenol

Concen: 42.447 ng

RT: 11.851 min Scan# 1507

Delta R.T. -0.006 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

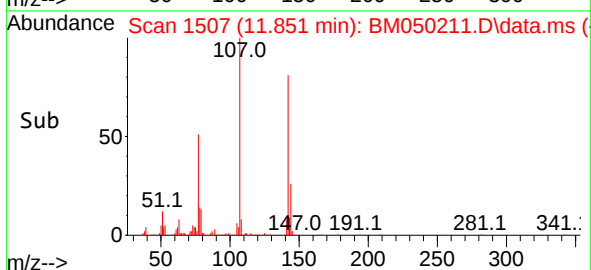
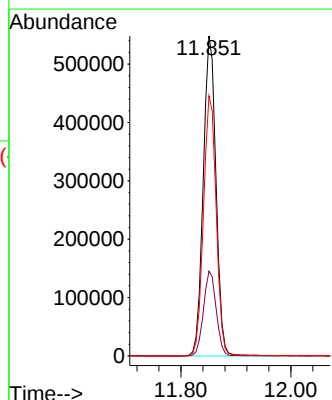
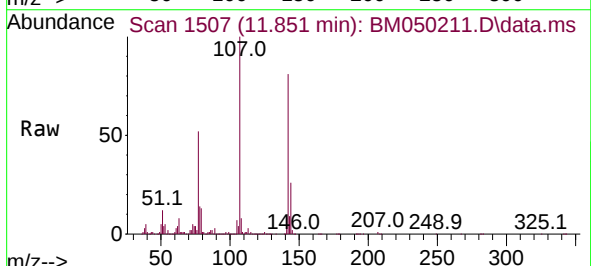
Tgt Ion:107 Resp: 877820

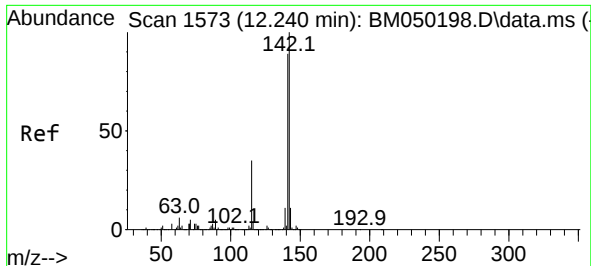
Ion Ratio Lower Upper

107 100

144 26.5 21.0 31.6

142 81.3 64.8 97.2

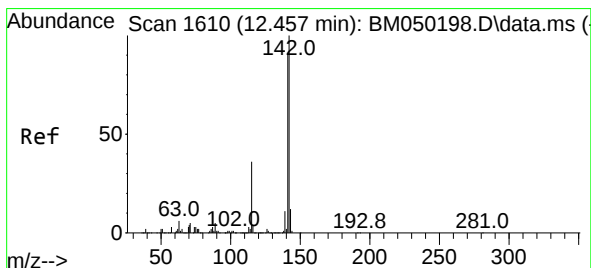
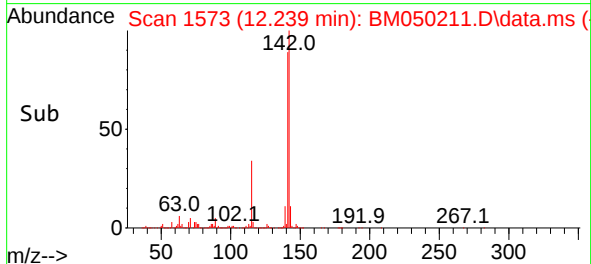
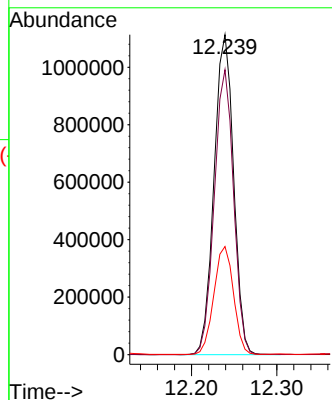
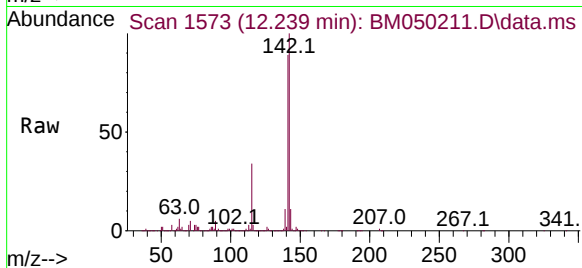




#37
2-Methylnaphthalene
Concen: 42.088 ng
RT: 12.239 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

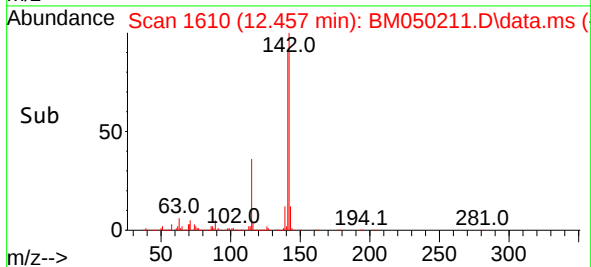
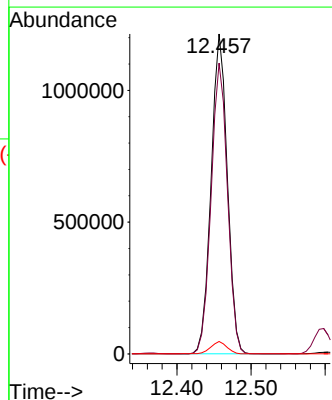
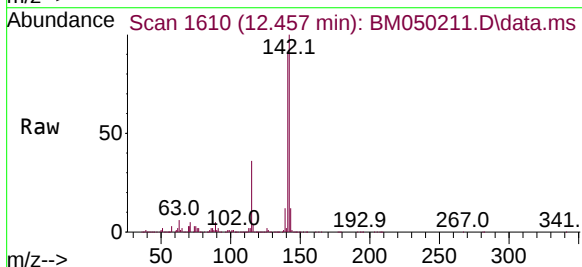
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

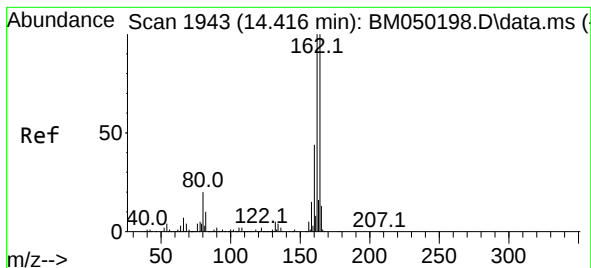
Tgt Ion:142 Resp: 1772625
Ion Ratio Lower Upper
142 100
141 89.0 71.5 107.3
115 33.8 27.8 41.8



#38
1-Methylnaphthalene
Concen: 41.266 ng
RT: 12.457 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:142 Resp: 1844686
Ion Ratio Lower Upper
142 100
141 90.9 72.9 109.3
116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.415 min Scan# 1943

Delta R.T. -0.000 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

Instrument :

BNA_M

ClientSampleId :

B-187-SB01MSD

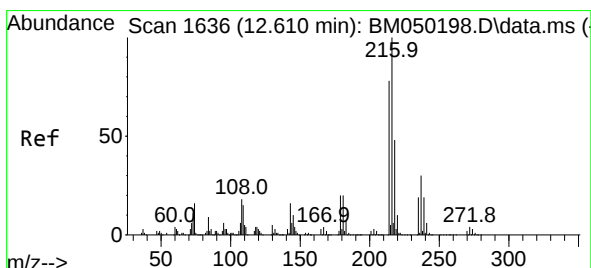
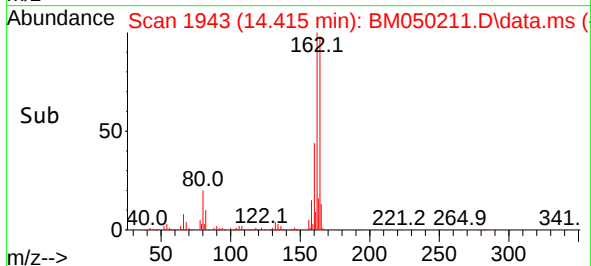
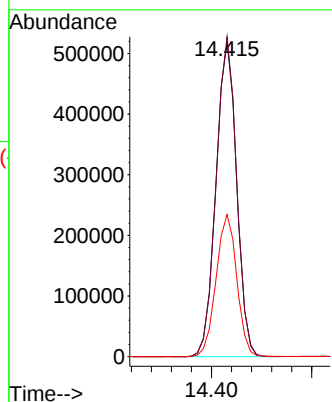
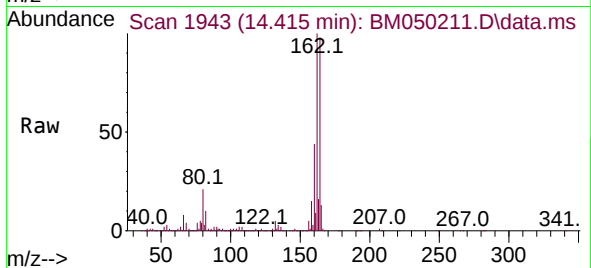
Tgt Ion:164 Resp: 744312

Ion Ratio Lower Upper

164 100

162 101.7 80.2 120.4

160 45.1 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.670 ng

RT: 12.610 min Scan# 1636

Delta R.T. -0.000 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

Tgt Ion:216 Resp: 960082

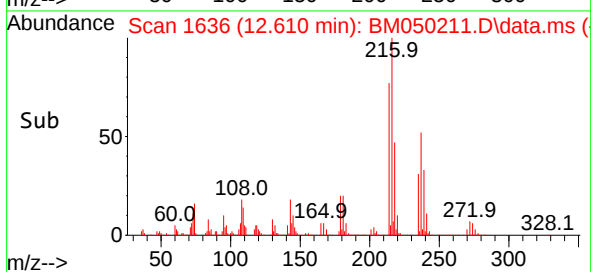
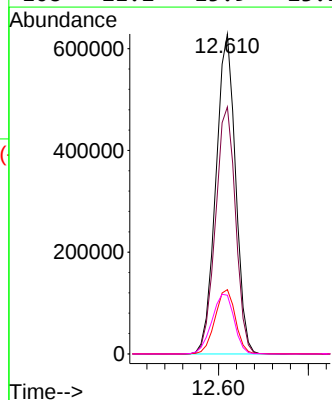
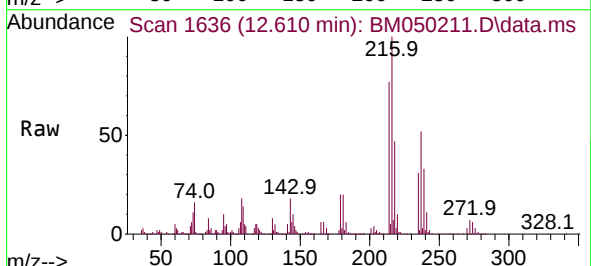
Ion Ratio Lower Upper

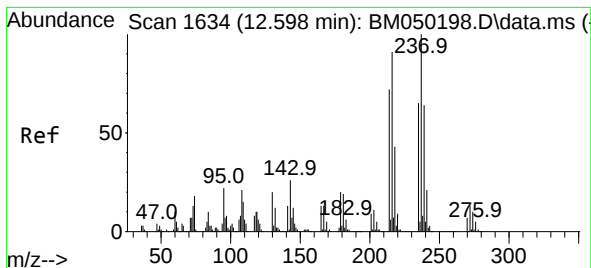
216 100

214 78.6 63.0 94.4

179 20.9 16.6 25.0

108 21.2 15.9 23.9



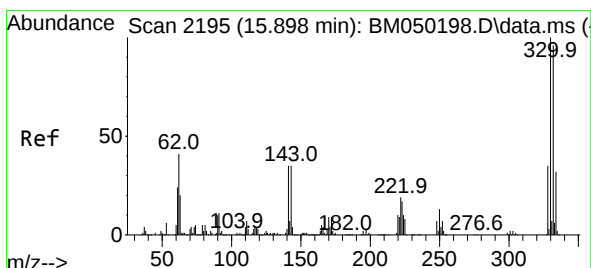
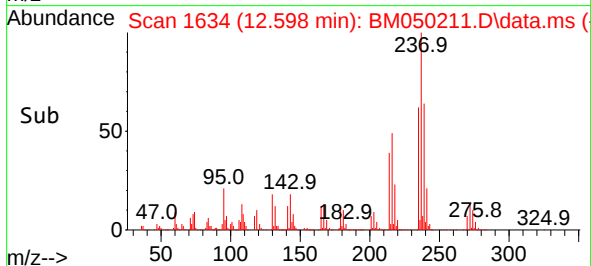
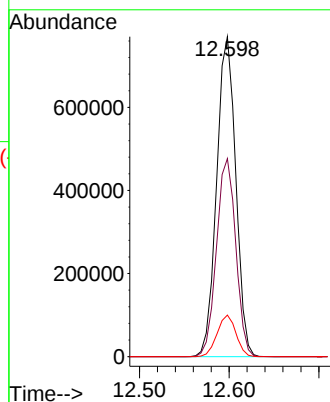
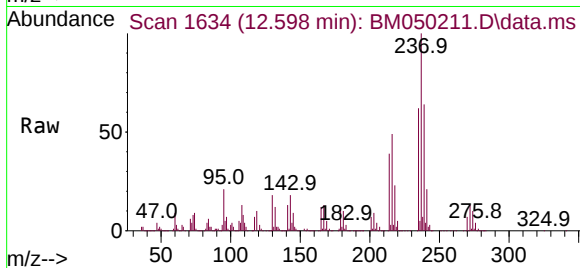


#41
Hexachlorocyclopentadiene
Concen: 87.366 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

Tgt Ion:237 Resp: 1140357

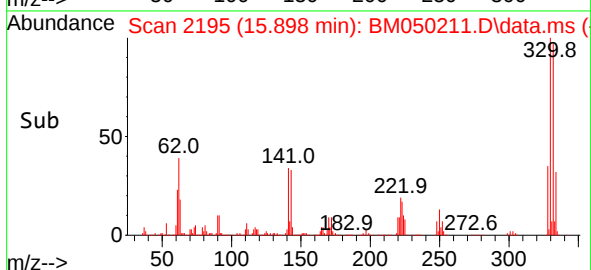
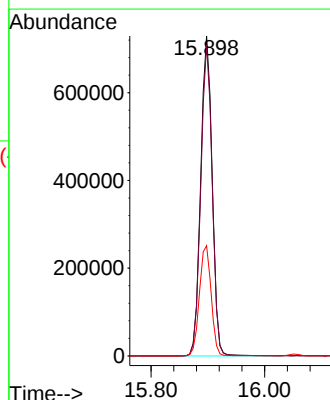
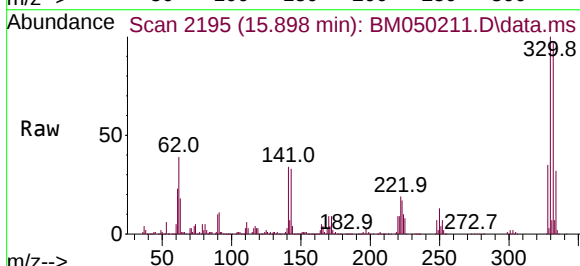
Ion	Ratio	Lower	Upper
237	100		
235	61.9	44.6	84.6
272	13.0	0.0	33.1

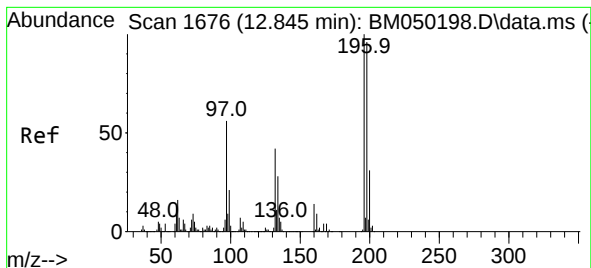


#42
2,4,6-Tribromophenol
Concen: 120.593 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:330 Resp: 1020943

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.5	116.3
141	35.2	28.8	43.2





#43

2,4,6-Trichlorophenol

Concen: 46.644 ng

RT: 12.845 min Scan# 1676

Delta R.T. -0.000 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

Instrument :

BNA_M

ClientSampleId :

B-187-SB01MSD

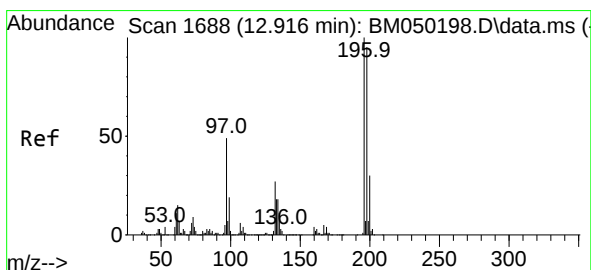
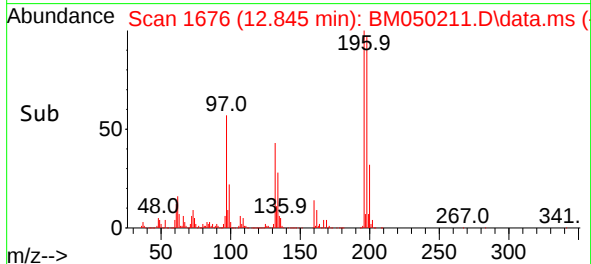
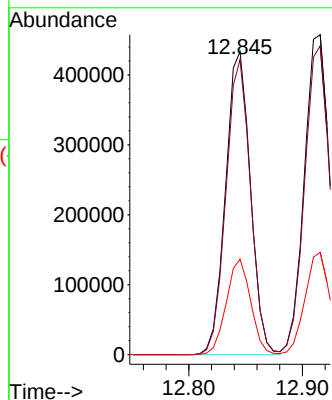
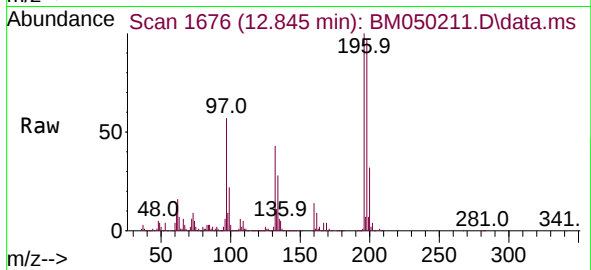
Tgt Ion:196 Resp: 659262

Ion Ratio Lower Upper

196 100

198 97.3 76.6 115.0

200 31.5 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 45.827 ng

RT: 12.916 min Scan# 1688

Delta R.T. -0.000 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

Tgt Ion:196 Resp: 711164

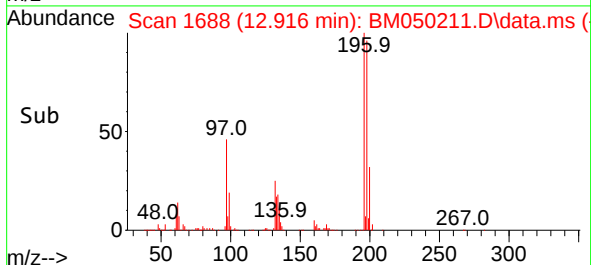
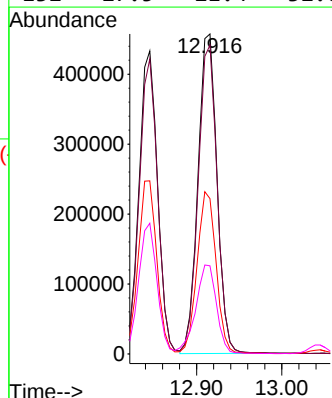
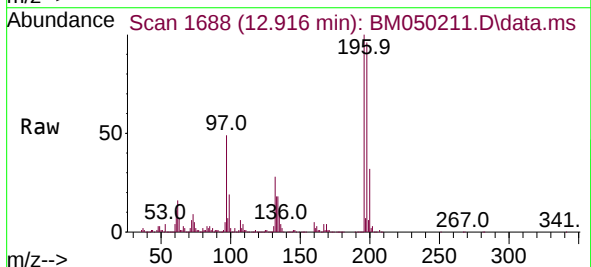
Ion Ratio Lower Upper

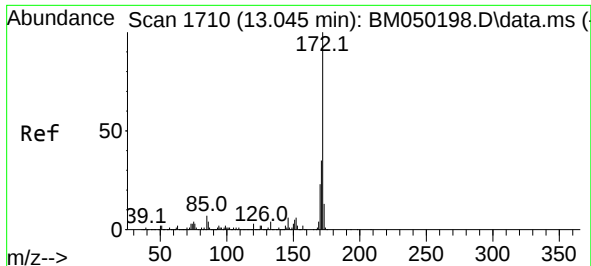
196 100

198 96.5 76.1 114.1

97 48.5 39.3 58.9

132 27.5 21.4 32.0

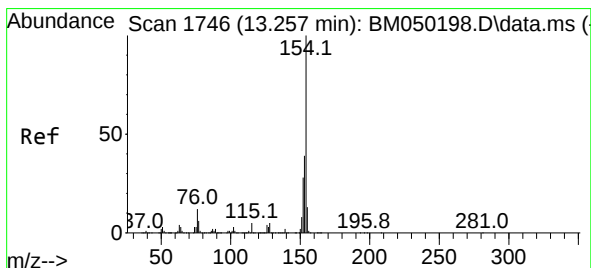
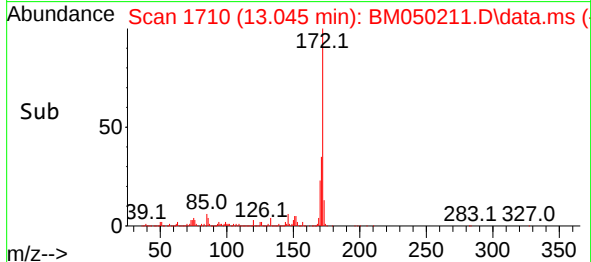
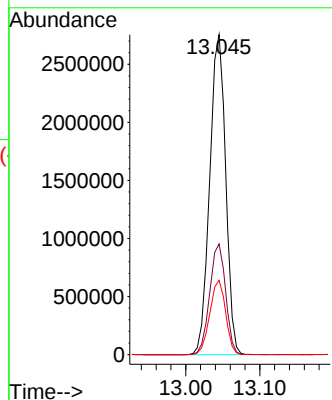
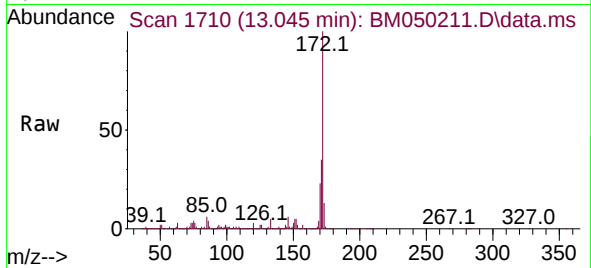




#45
2-Fluorobiphenyl
Concen: 75.104 ng
RT: 13.045 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

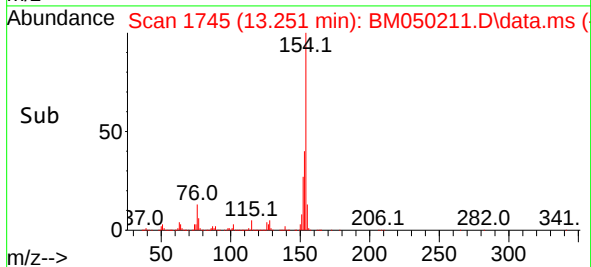
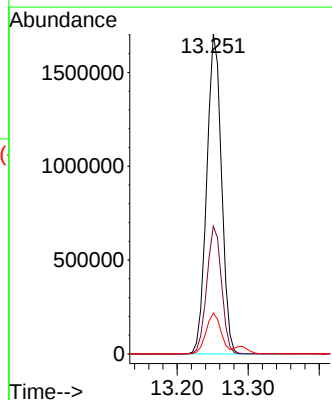
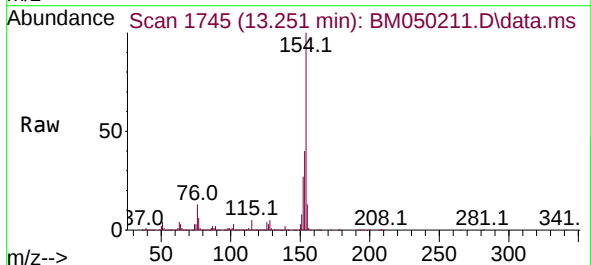
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

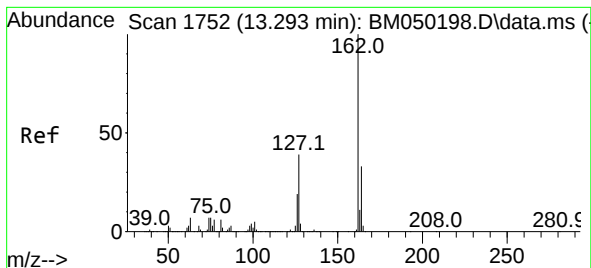
Tgt Ion:172 Resp: 4129019
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.2 18.6 27.8



#46
1,1'-Biphenyl
Concen: 44.007 ng
RT: 13.251 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:154 Resp: 2452677
Ion Ratio Lower Upper
154 100
153 39.9 19.2 59.2
76 12.7 0.0 32.0

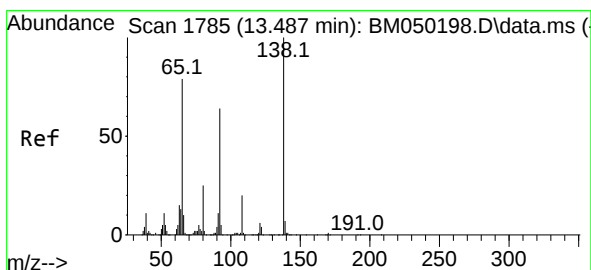
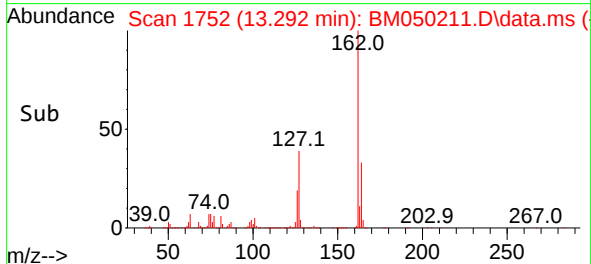
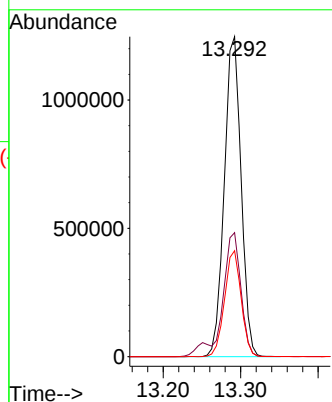
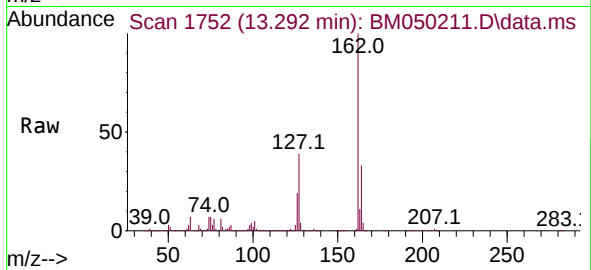




#47
2-Chloronaphthalene
Concen: 43.426 ng
RT: 13.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

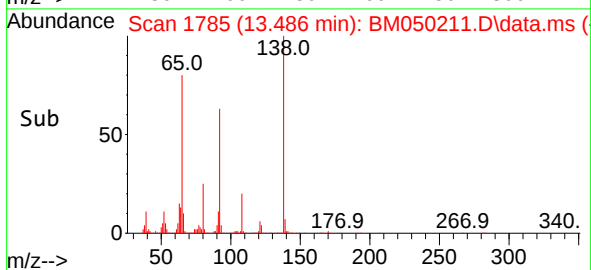
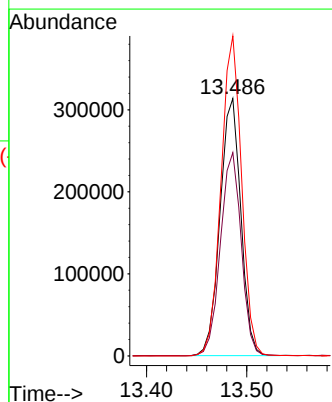
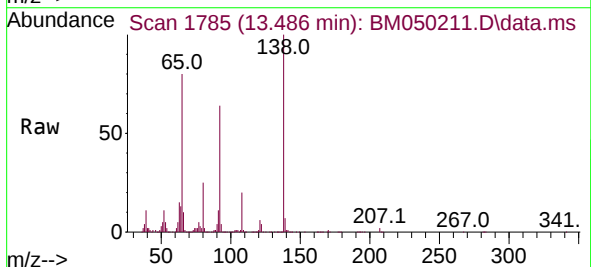
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

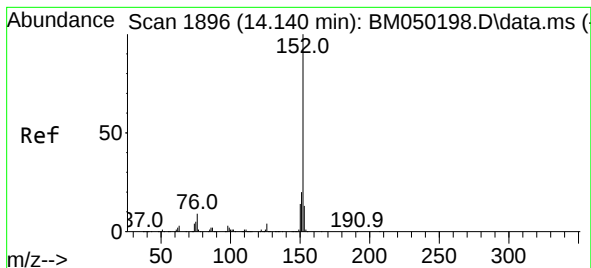
Tgt Ion:162 Resp: 1881619
Ion Ratio Lower Upper
162 100
127 38.8 31.1 46.7
164 33.1 26.5 39.7



#48
2-Nitroaniline
Concen: 47.502 ng
RT: 13.486 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion: 65 Resp: 452934
Ion Ratio Lower Upper
65 100
92 79.0 64.2 96.4
138 124.4 101.0 151.4





#49

Acenaphthylene

Concen: 43.554 ng

RT: 14.139 min Scan# 1896

Delta R.T. -0.000 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

Instrument :

BNA_M

ClientSampleId :

B-187-SB01MSD

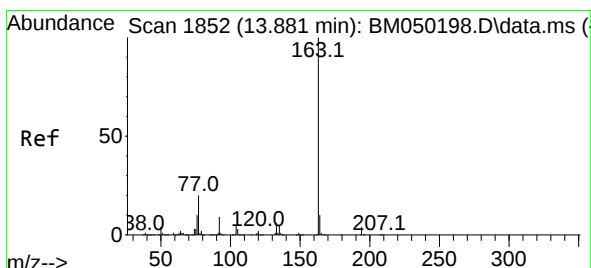
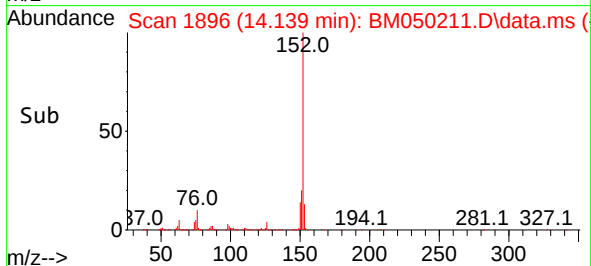
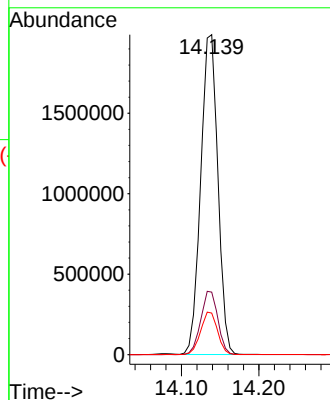
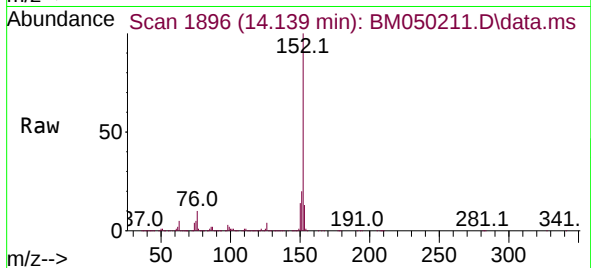
Tgt Ion:152 Resp: 3052359

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.6

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 43.562 ng

RT: 13.874 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

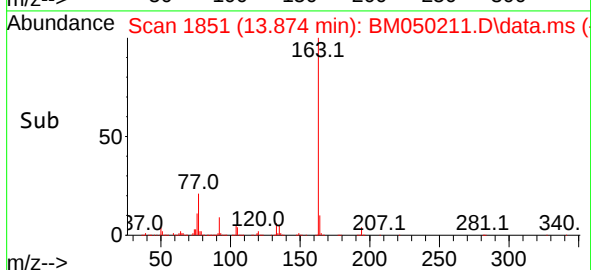
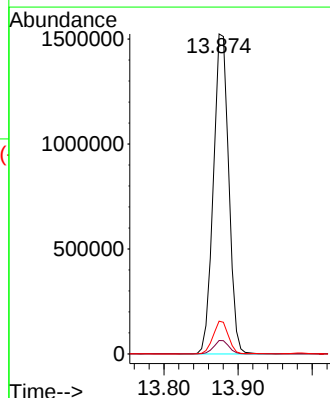
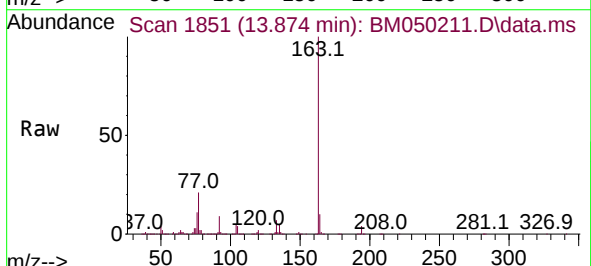
Tgt Ion:163 Resp: 2192800

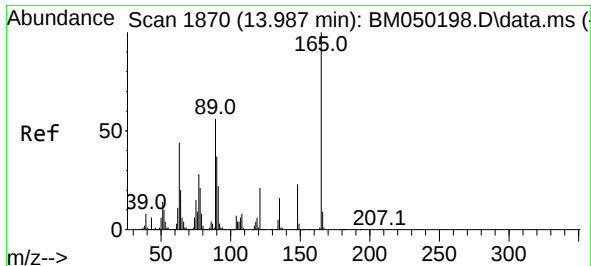
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.2 7.9 11.9

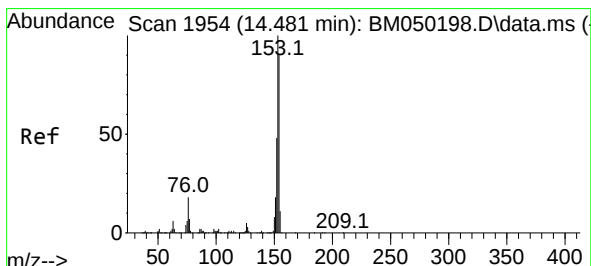
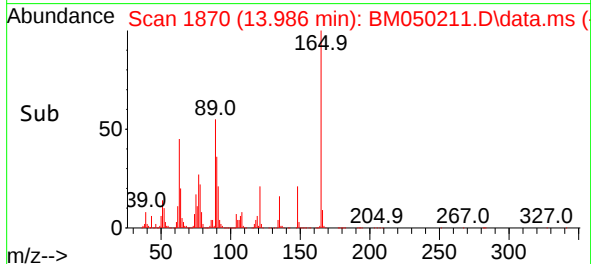
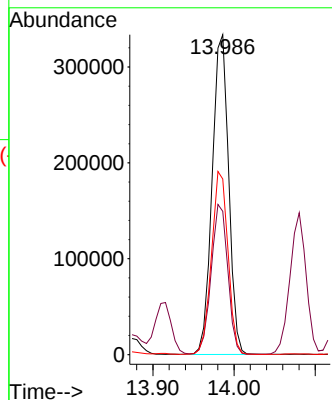
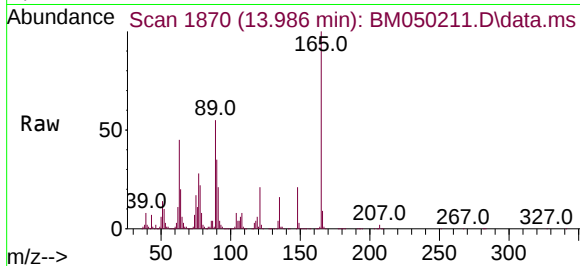




#51
2,6-Dinitrotoluene
Concen: 46.422 ng
RT: 13.986 min Scan# 1870
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

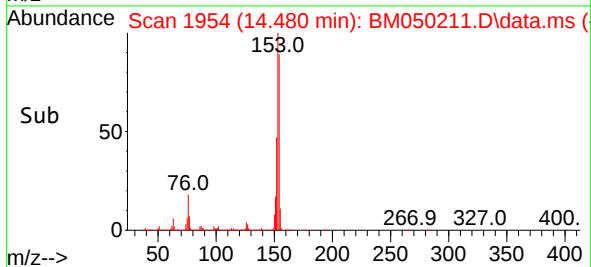
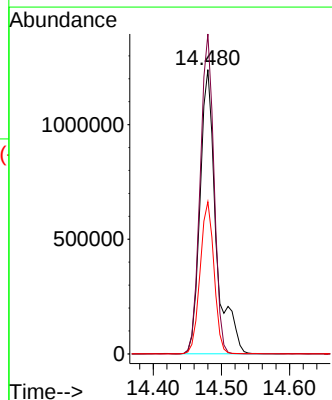
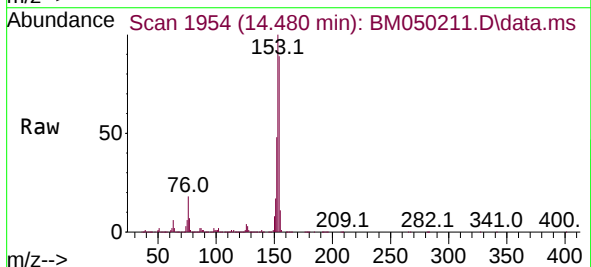
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

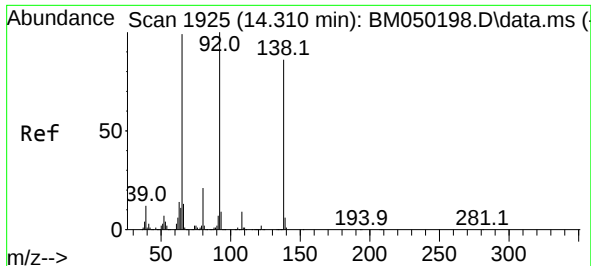
Tgt Ion:165 Resp: 471247
Ion Ratio Lower Upper
165 100
63 44.8 35.8 53.6
89 54.9 44.8 67.2



#52
Acenaphthene
Concen: 46.232 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:154 Resp: 2026567
Ion Ratio Lower Upper
154 100
153 112.6 88.7 133.1
152 53.5 42.6 63.8

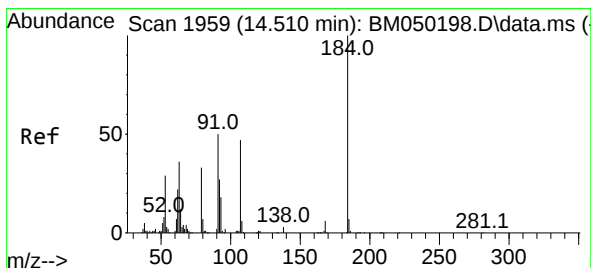
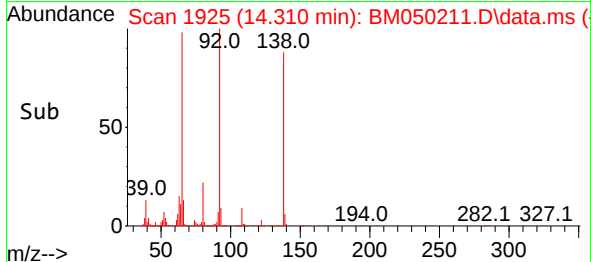
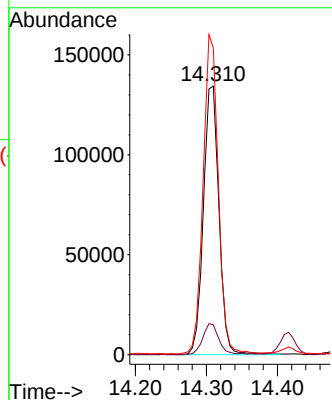
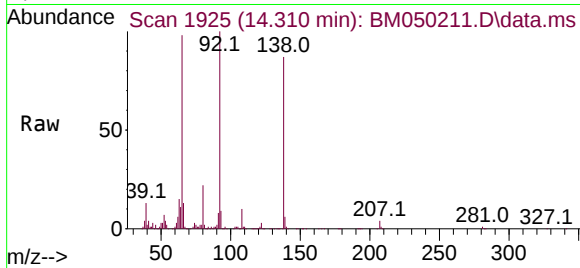




#53
3-Nitroaniline
Concen: 17.984 ng
RT: 14.310 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

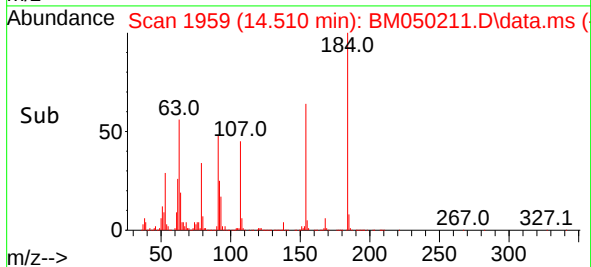
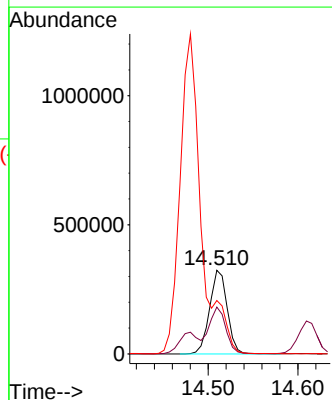
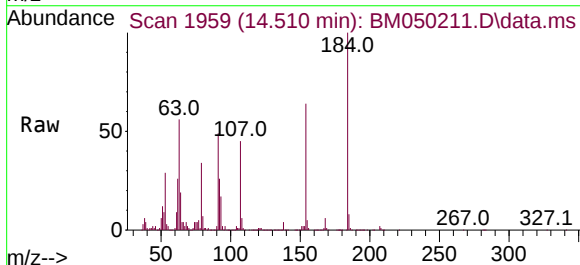
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

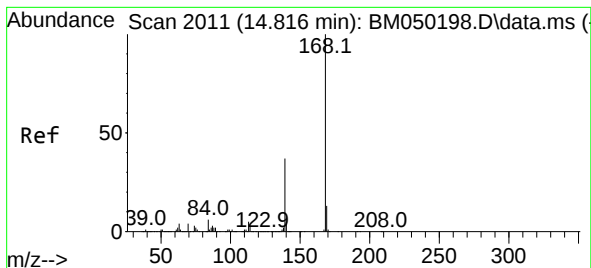
Tgt Ion:138 Resp: 203472
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 114.3 92.9 139.3



#54
2,4-Dinitrophenol
Concen: 73.179 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:184 Resp: 442324
Ion Ratio Lower Upper
184 100
63 56.0 45.3 67.9
154 63.8 54.3 81.5

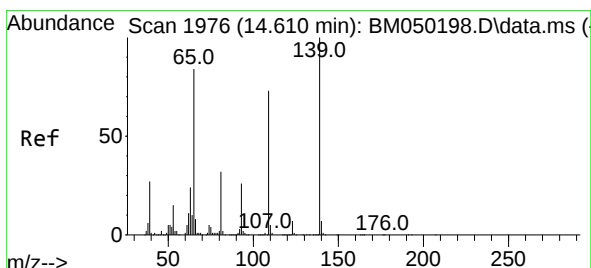
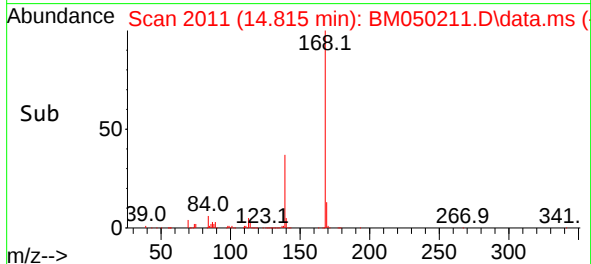
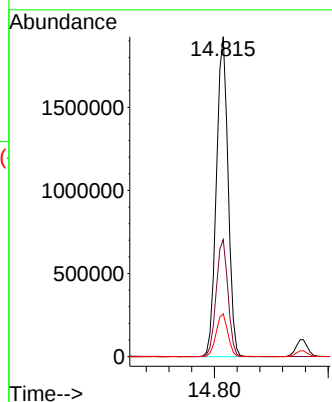
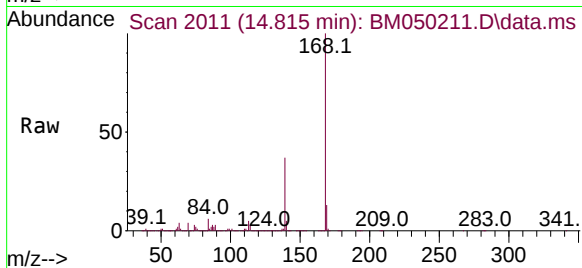




#55
Dibenzofuran
Concen: 42.856 ng
RT: 14.815 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

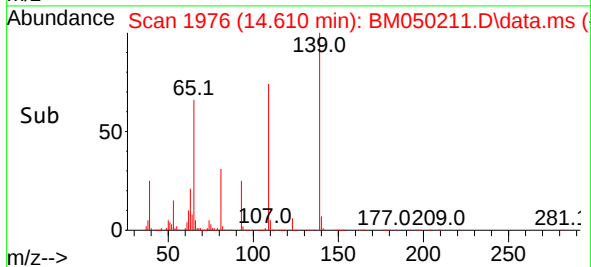
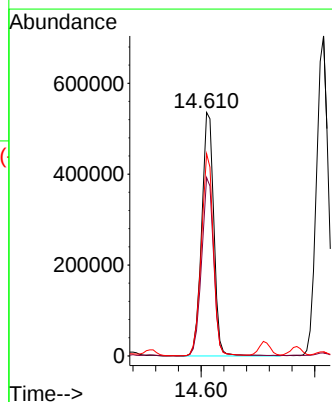
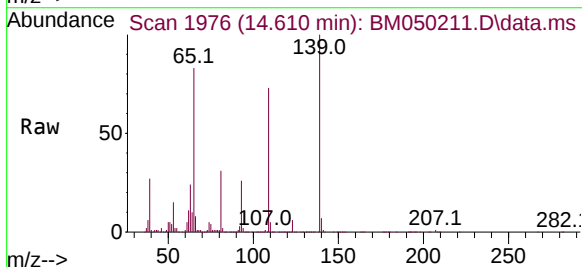
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

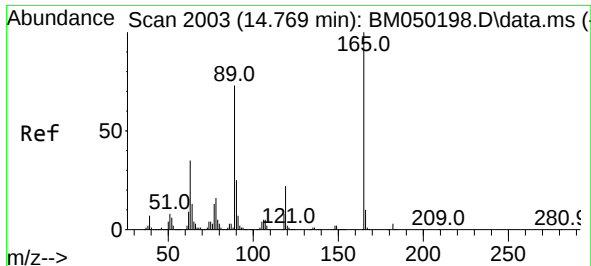
Tgt Ion:168 Resp: 2748348
Ion Ratio Lower Upper
168 100
139 36.6 29.9 44.9
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 82.024 ng
RT: 14.610 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:139 Resp: 789854
Ion Ratio Lower Upper
139 100
109 73.3 52.6 92.6
65 83.0 64.3 104.3

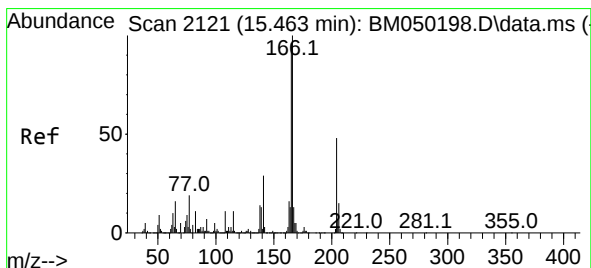
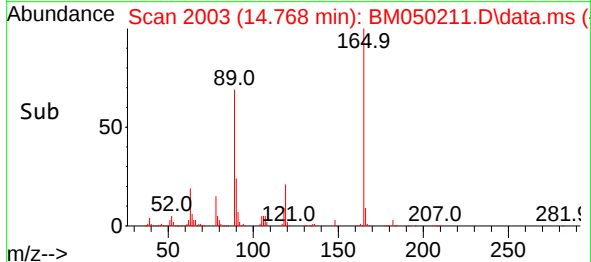
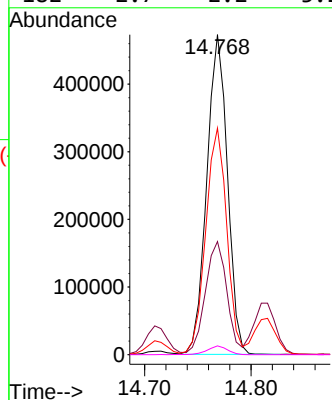
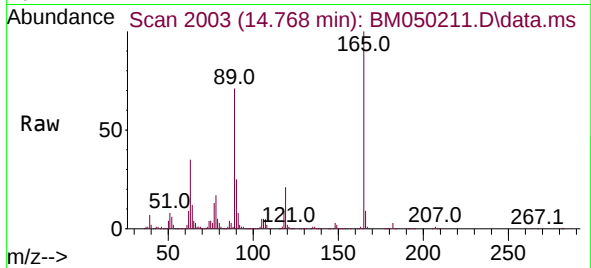




#57
2,4-Dinitrotoluene
Concen: 47.588 ng
RT: 14.768 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

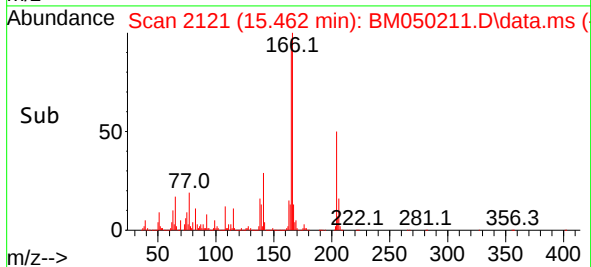
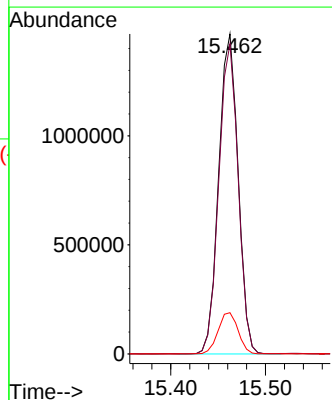
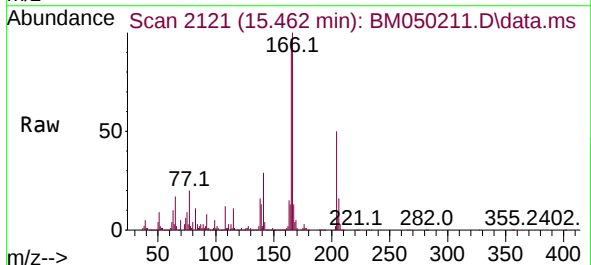
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

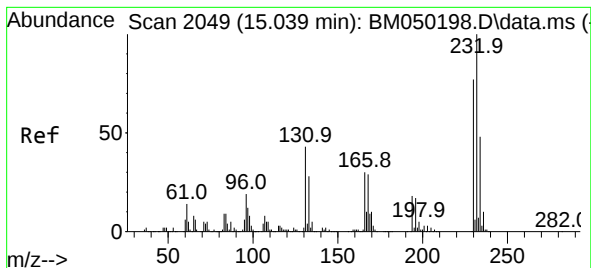
Tgt Ion:	165	Resp:	637253
Ion	Ratio	Lower	Upper
165	100		
63	35.3	28.4	42.6
89	70.8	58.0	87.0
182	2.7	2.2	3.2



#58
Fluorene
Concen: 42.486 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:	166	Resp:	2086832
Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.0	115.4
167	12.9	10.7	16.1

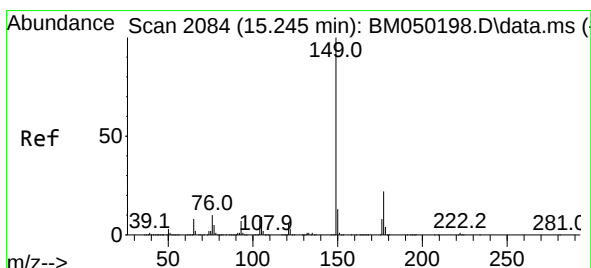
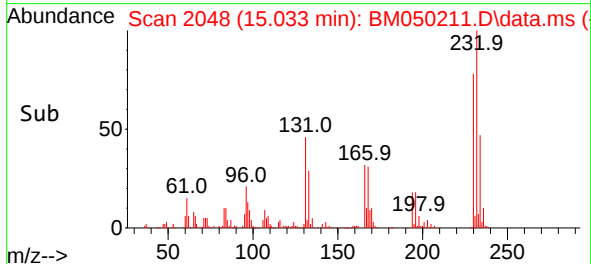
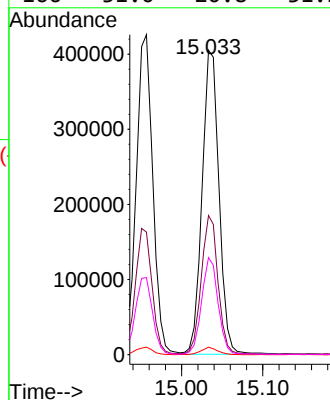
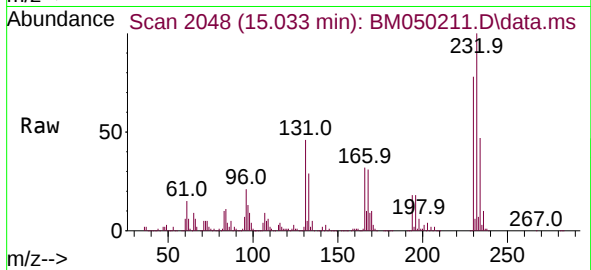




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.703 ng
RT: 15.033 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

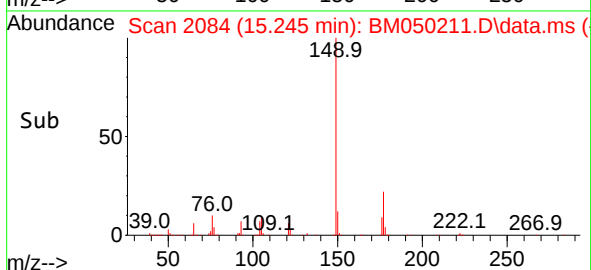
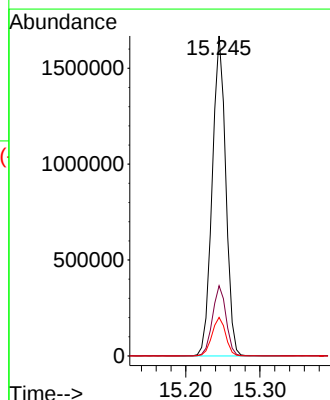
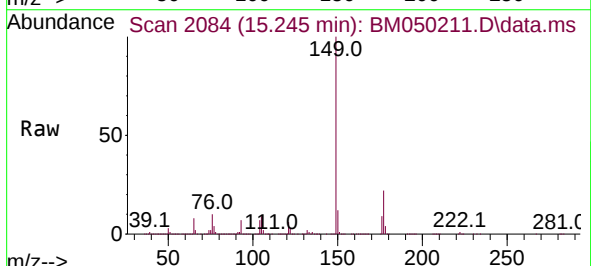
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

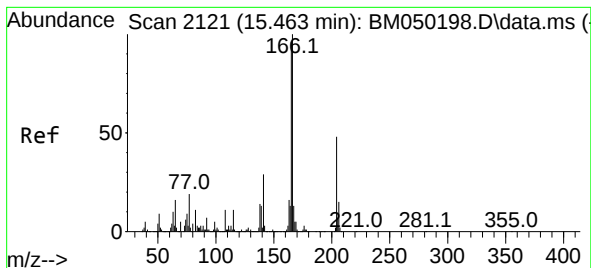
Tgt Ion:232 Resp: 586771
Ion Ratio Lower Upper
232 100
131 44.9 32.9 49.3
130 2.3 1.8 2.8
166 31.0 20.8 31.2



#60
Diethylphthalate
Concen: 42.409 ng
RT: 15.245 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:149 Resp: 2118106
Ion Ratio Lower Upper
149 100
177 21.9 17.2 25.8
150 12.0 10.0 15.0

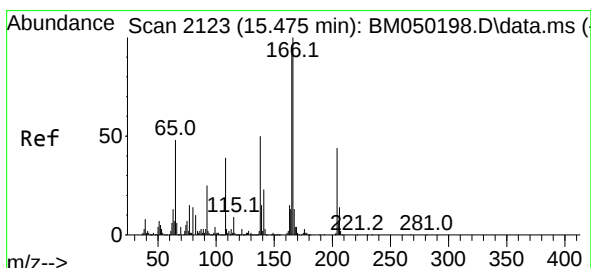
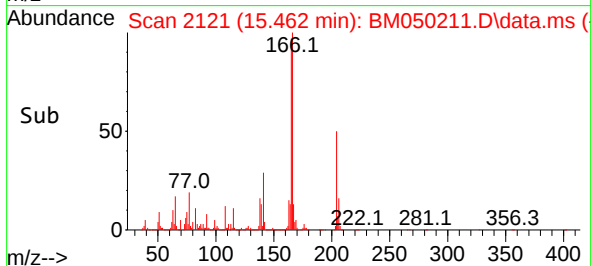
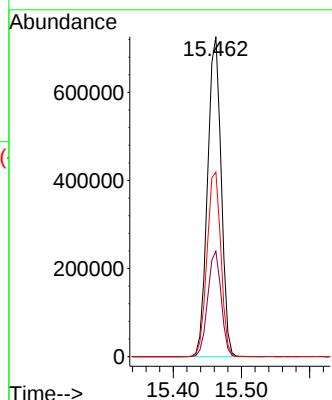
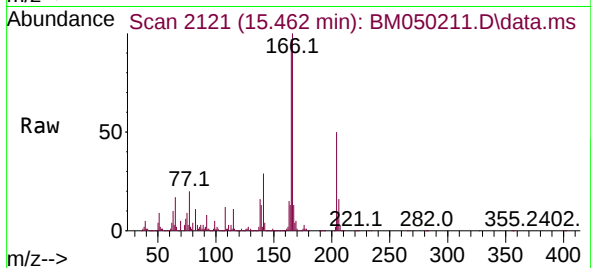




#61
4-Chlorophenyl-phenylether
Concen: 42.432 ng
RT: 15.462 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

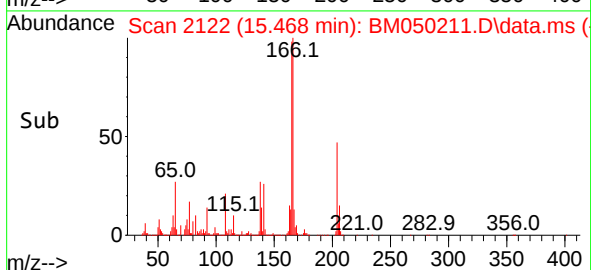
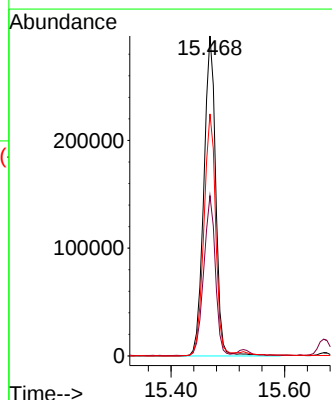
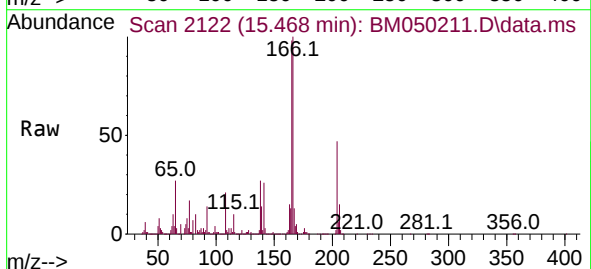
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

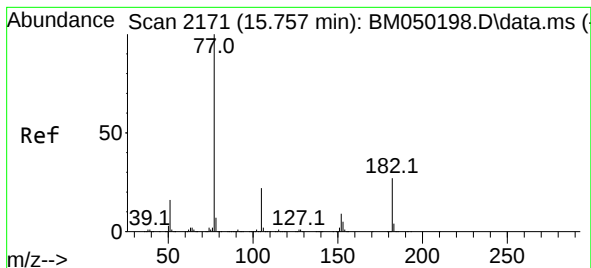
Tgt Ion:204 Resp: 1007290
Ion Ratio Lower Upper
204 100
206 32.9 25.4 38.0
141 57.7 47.9 71.9



#62
4-Nitroaniline
Concen: 40.732 ng
RT: 15.468 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:138 Resp: 431923
Ion Ratio Lower Upper
138 100
92 50.1 28.8 68.8
108 75.7 58.1 98.1





#63

Azobenzene

Concen: 41.991 ng

RT: 15.751 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

Instrument :

BNA_M

ClientSampleId :

B-187-SB01MSD

Tgt Ion: 77 Resp: 2096222

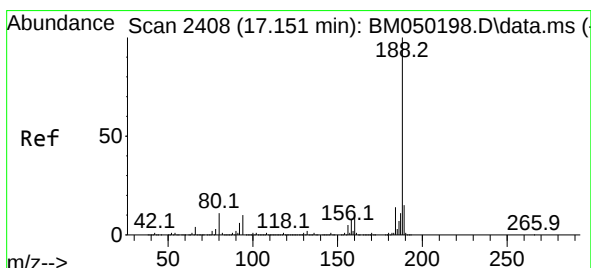
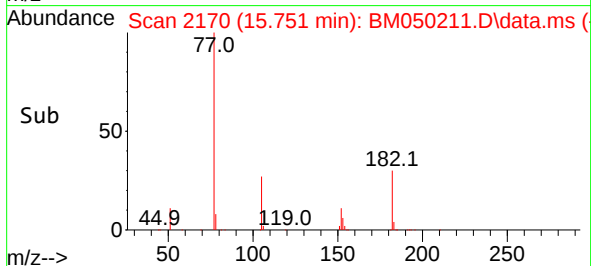
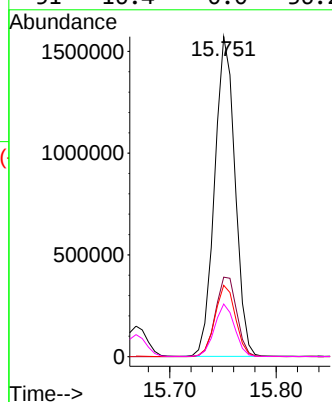
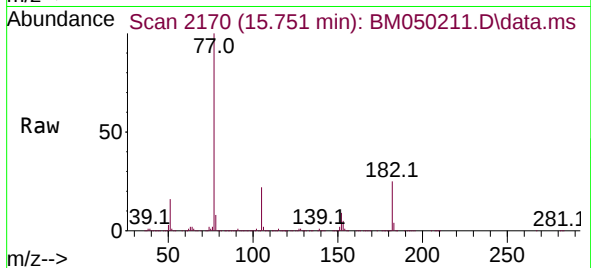
Ion Ratio Lower Upper

77 100

182 24.8 6.8 46.8

105 22.3 1.7 41.7

51 16.4 0.0 36.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.151 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

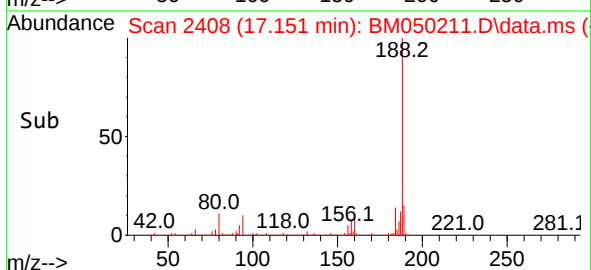
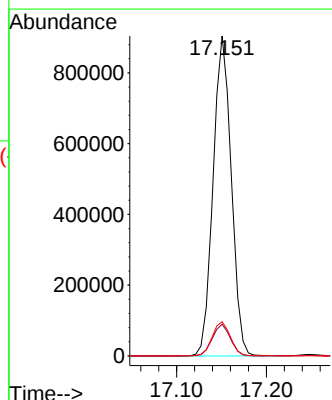
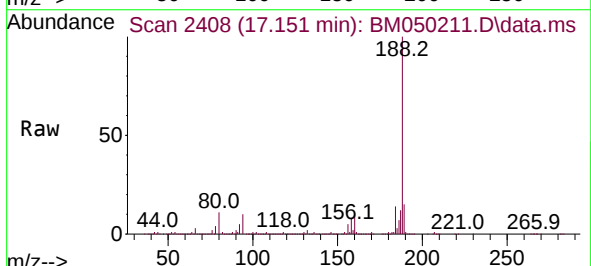
Tgt Ion:188 Resp: 1278962

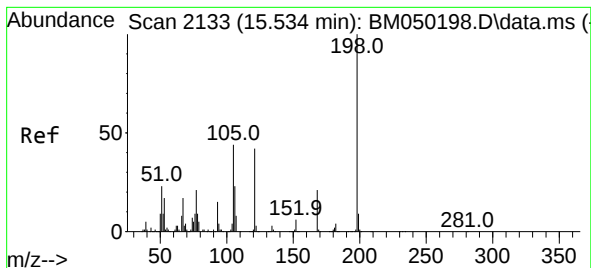
Ion Ratio Lower Upper

188 100

94 9.9 8.1 12.1

80 10.7 8.6 13.0

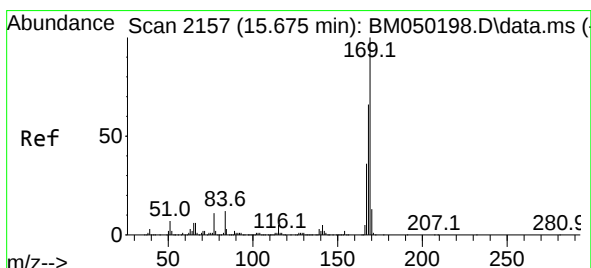
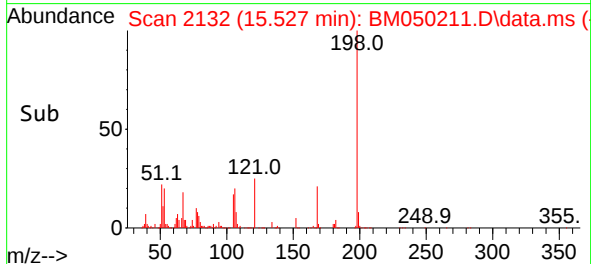
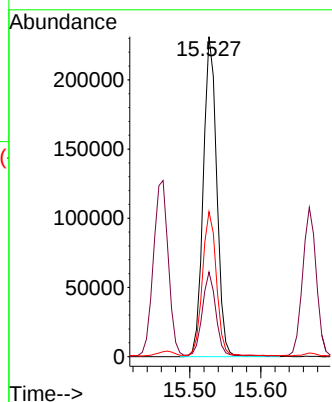
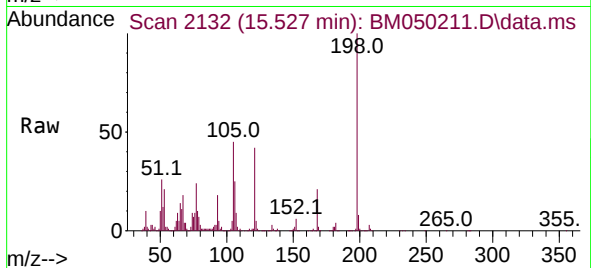




#65
4,6-Dinitro-2-methylphenol
Concen: 43.451 ng
RT: 15.527 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

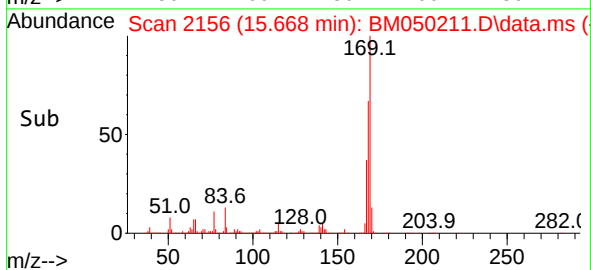
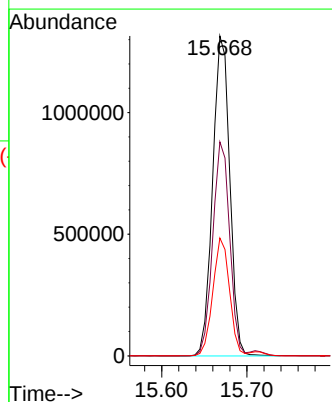
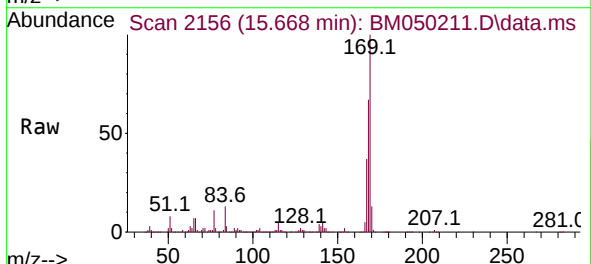
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

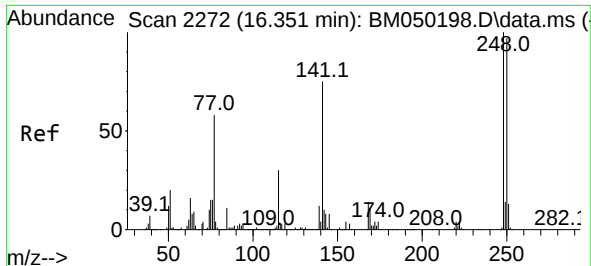
Tgt Ion:198 Resp: 303524
Ion Ratio Lower Upper
198 100
51 26.4 4.5 44.5
105 45.3 24.9 64.9



#66
n-Nitrosodiphenylamine
Concen: 45.629 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:169 Resp: 1833639
Ion Ratio Lower Upper
169 100
168 66.9 53.1 79.7
167 36.8 29.0 43.6

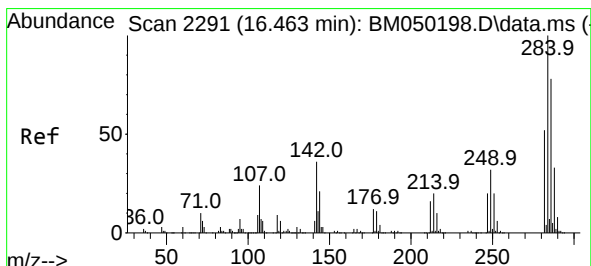
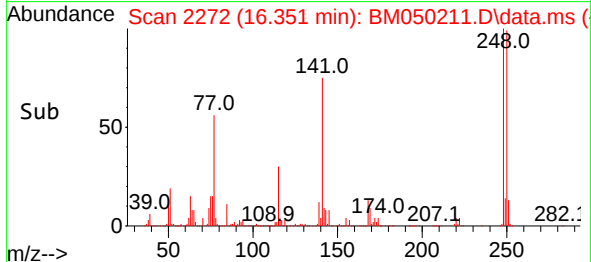
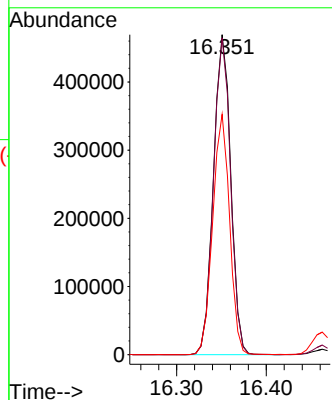
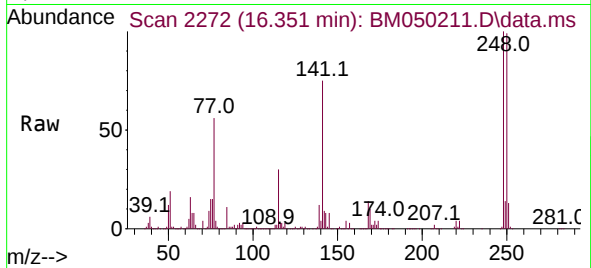




#67
4-Bromophenyl-phenylether
Concen: 46.273 ng
RT: 16.351 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

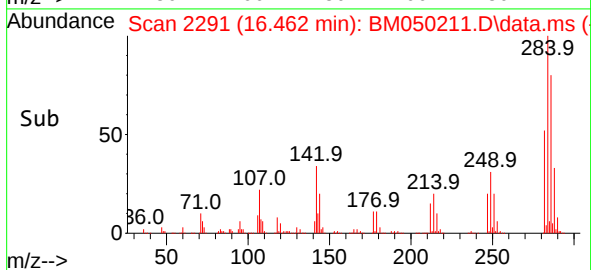
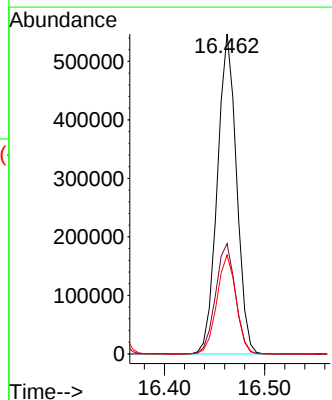
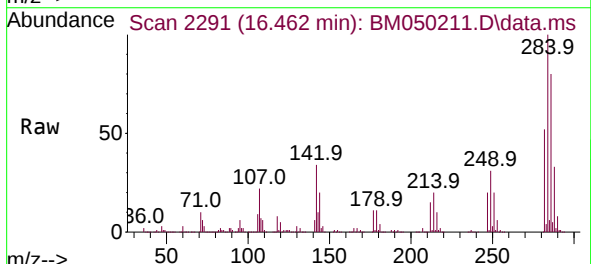
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

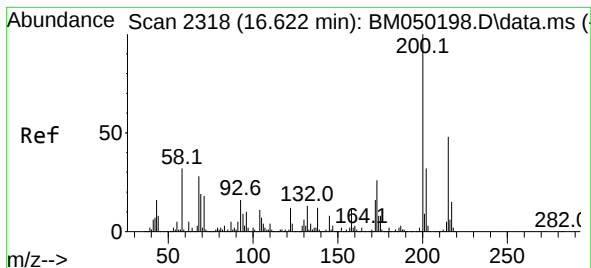
Tgt Ion:248 Resp: 631109
Ion Ratio Lower Upper
248 100
250 99.0 78.0 117.0
141 75.1 60.1 90.1



#68
Hexachlorobenzene
Concen: 45.681 ng
RT: 16.462 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:284 Resp: 727918
Ion Ratio Lower Upper
284 100
142 34.5 28.8 43.2
249 30.9 25.8 38.6





#69

Atrazine

Concen: 46.090 ng

RT: 16.621 min Scan# 2318

Delta R.T. -0.006 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

Instrument :

BNA_M

ClientSampleId :

B-187-SB01MSD

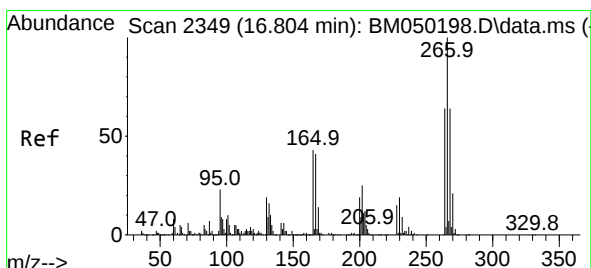
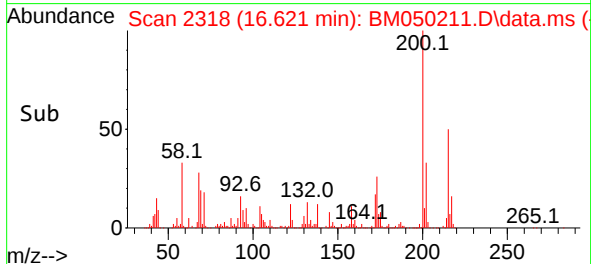
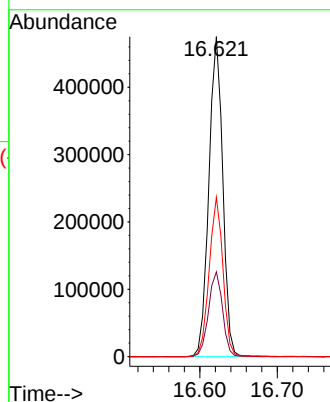
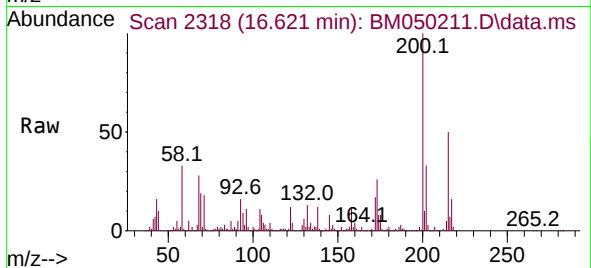
Tgt Ion:200 Resp: 590156

Ion Ratio Lower Upper

200 100

173 26.5 6.0 46.0

215 49.8 28.1 68.1



#70

Pentachlorophenol

Concen: 92.052 ng

RT: 16.804 min Scan# 2349

Delta R.T. -0.000 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

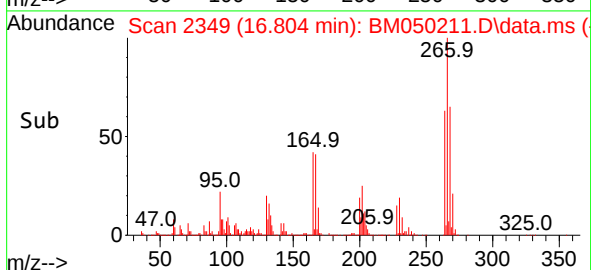
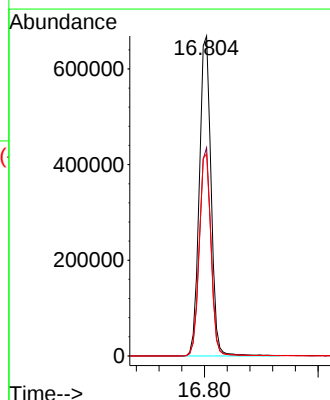
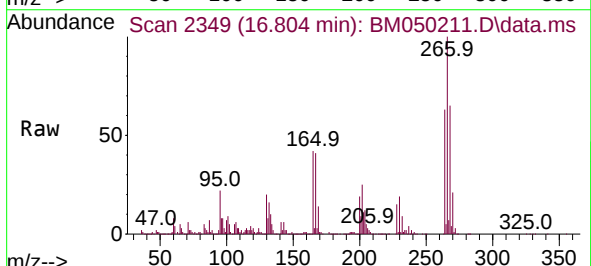
Tgt Ion:266 Resp: 953669

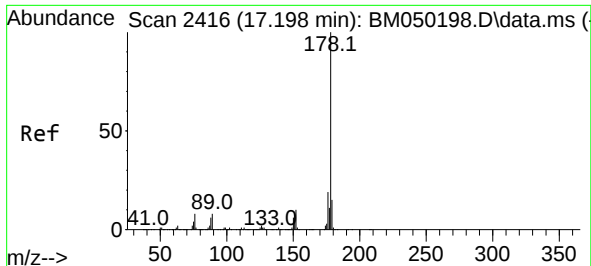
Ion Ratio Lower Upper

266 100

268 65.1 51.0 76.6

264 63.1 50.8 76.2

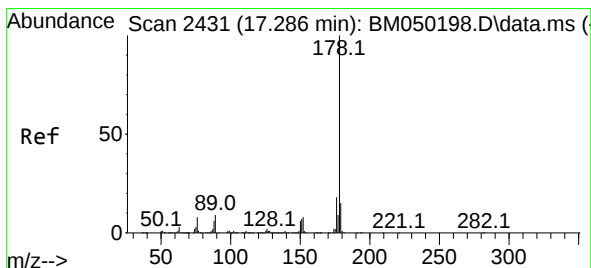
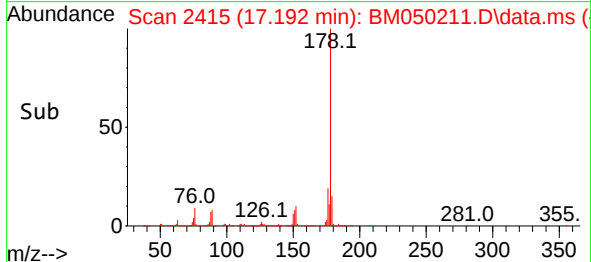
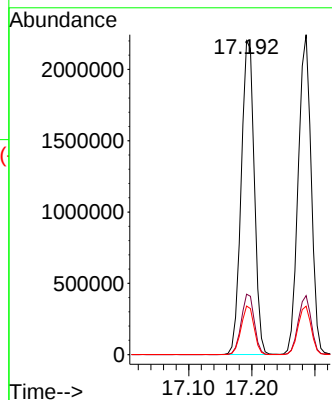
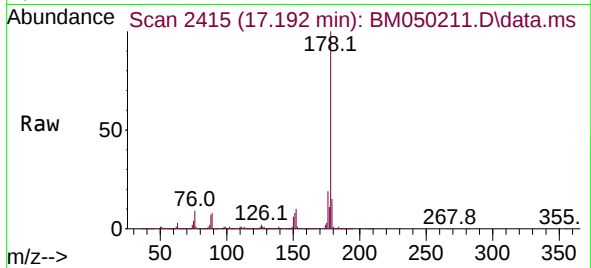




#71
Phenanthrene
Concen: 43.304 ng
RT: 17.192 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

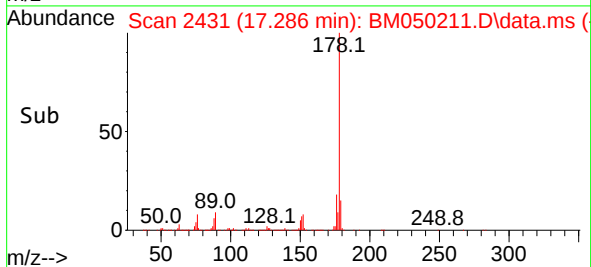
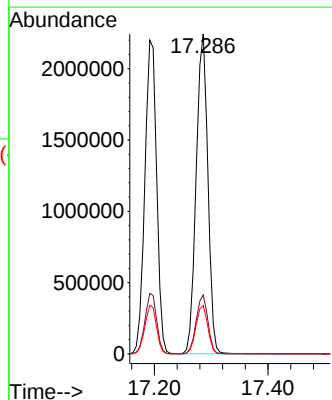
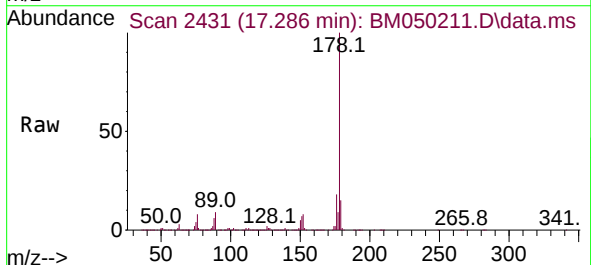
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

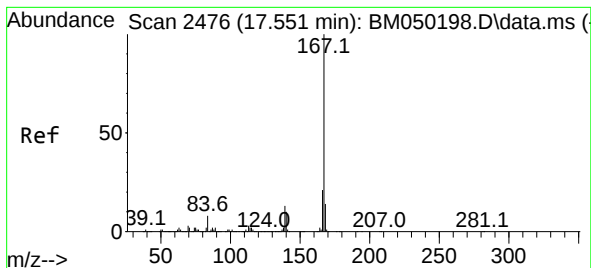
Tgt Ion:178 Resp: 3163946
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.5 12.3 18.5



#72
Anthracene
Concen: 43.685 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:178 Resp: 3193033
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.1 12.3 18.5





#73

Carbazole

Concen: 43.408 ng

RT: 17.551 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

Instrument :

BNA_M

ClientSampleId :

B-187-SB01MSD

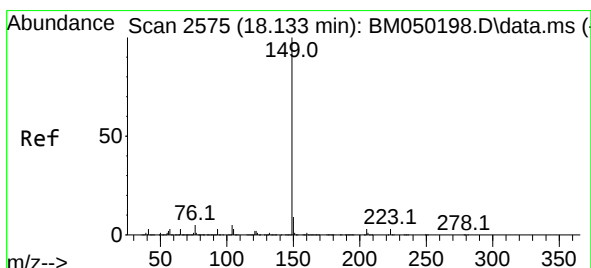
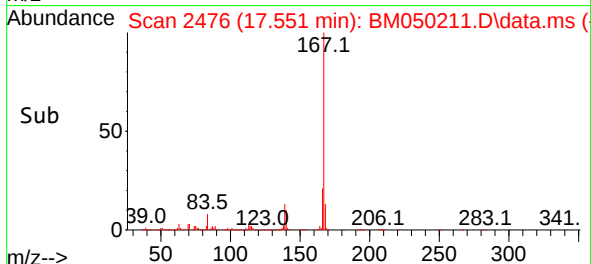
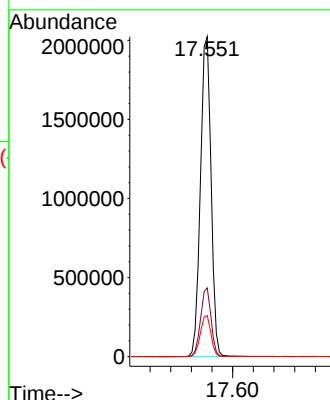
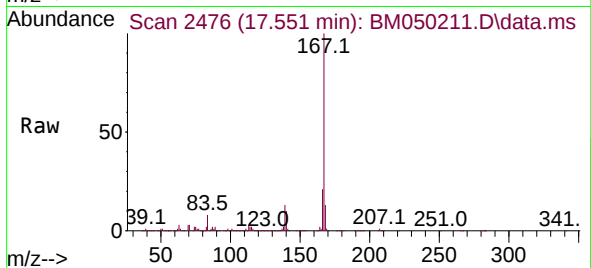
Tgt Ion:167 Resp: 2890483

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.6

139 12.8 10.2 15.4



#74

Di-n-butylphthalate

Concen: 45.042 ng

RT: 18.133 min Scan# 2575

Delta R.T. -0.000 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

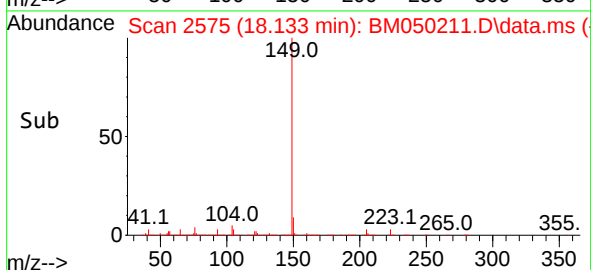
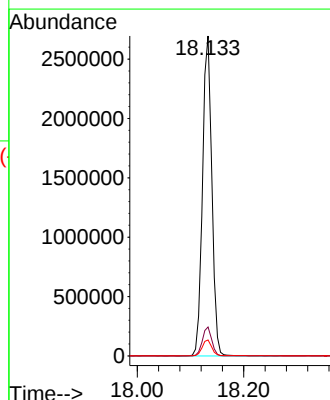
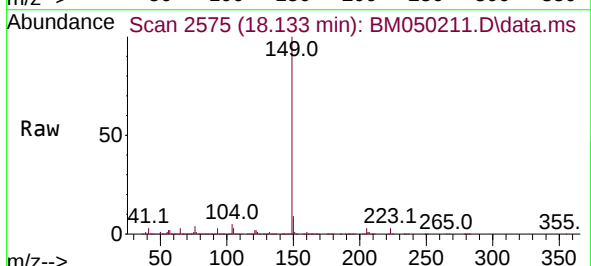
Tgt Ion:149 Resp: 3263385

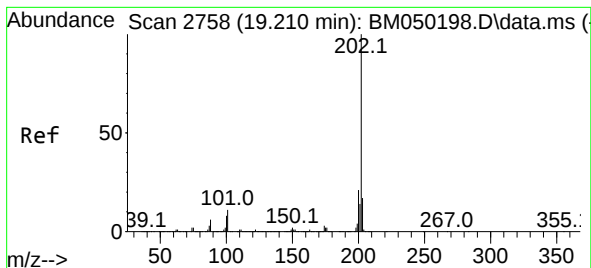
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 5.0 4.0 6.0

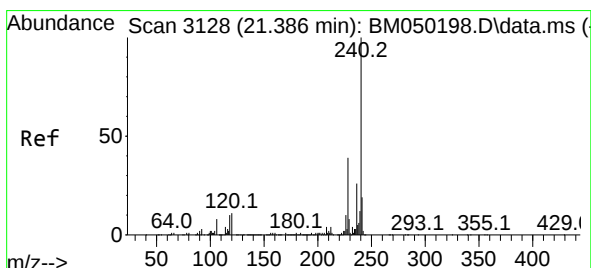
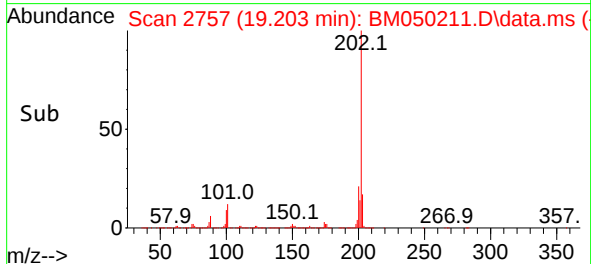
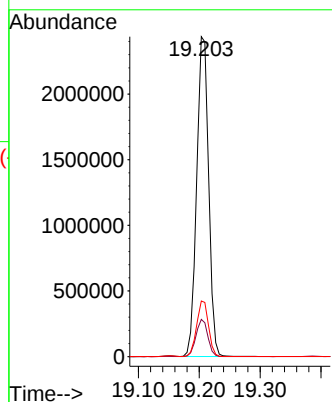
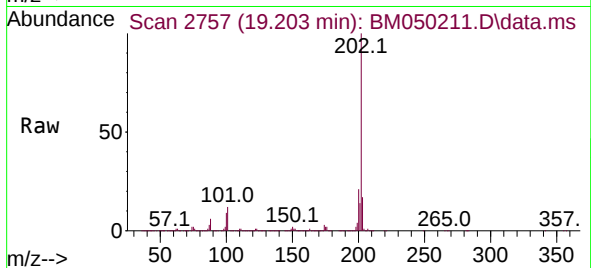




#75
Fluoranthene
Concen: 43.096 ng
RT: 19.203 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

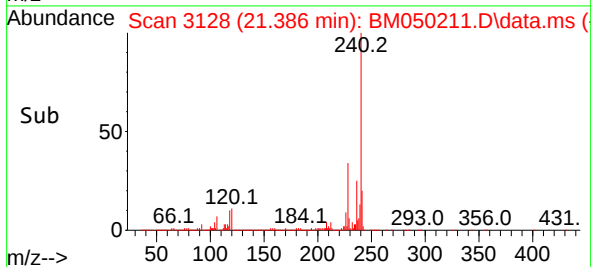
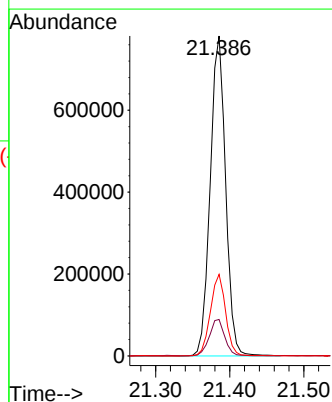
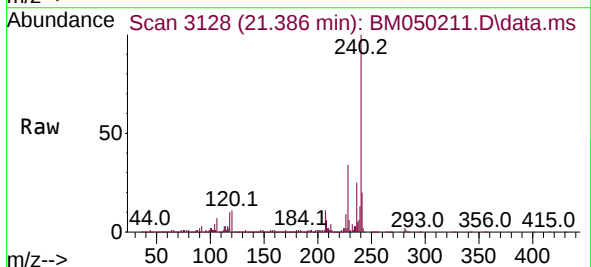
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

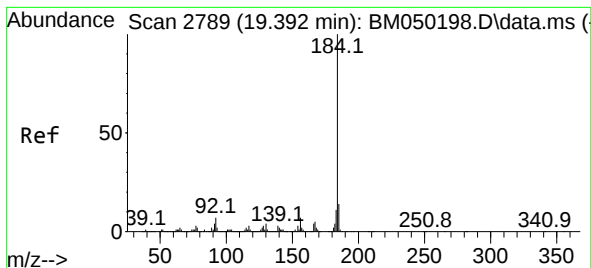
Tgt Ion:202 Resp: 3320524
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.1
203 17.4 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:240 Resp: 1127474
Ion Ratio Lower Upper
240 100
120 11.4 9.0 13.4
236 25.5 20.7 31.1





#77

Benzidine

Concen: 22.118 ng

RT: 19.386 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

Instrument :

BNA_M

ClientSampleId :

B-187-SB01MSD

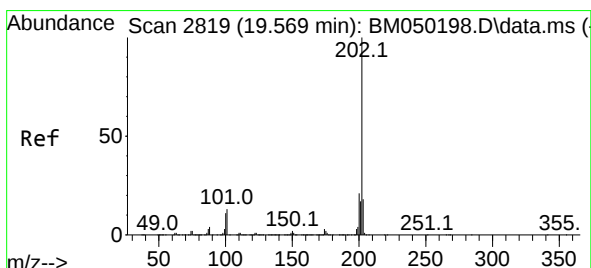
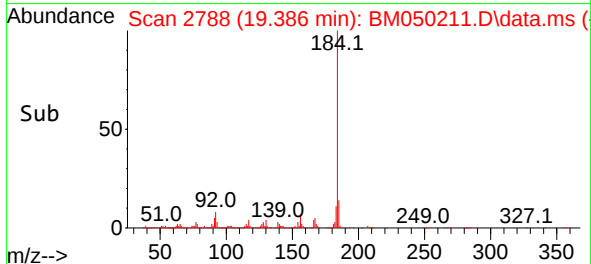
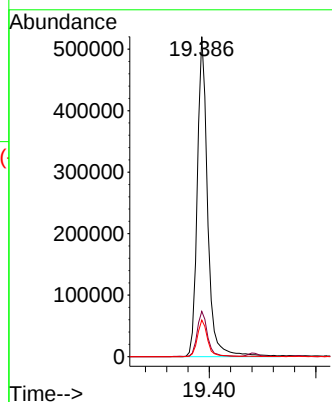
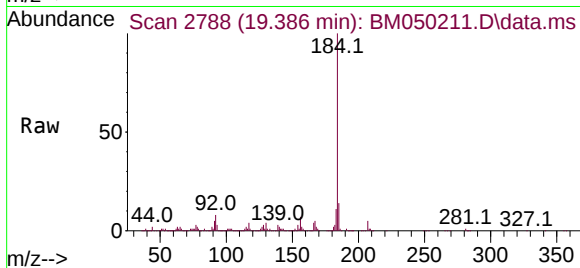
Tgt Ion:184 Resp: 701246

Ion Ratio Lower Upper

184 100

185 14.2 11.5 17.3

183 11.4 9.0 13.4



#78

Pyrene

Concen: 45.454 ng

RT: 19.568 min Scan# 2819

Delta R.T. -0.000 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

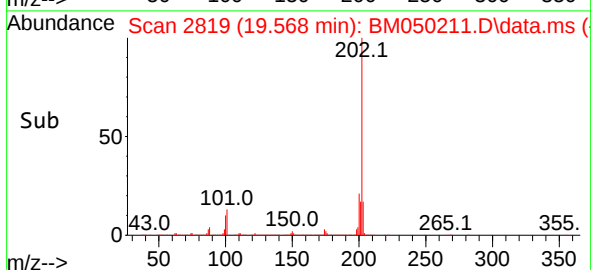
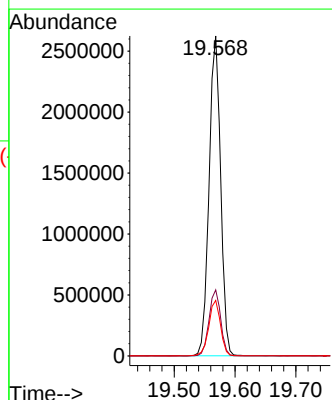
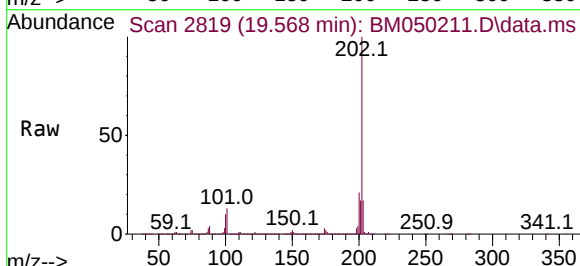
Tgt Ion:202 Resp: 3454160

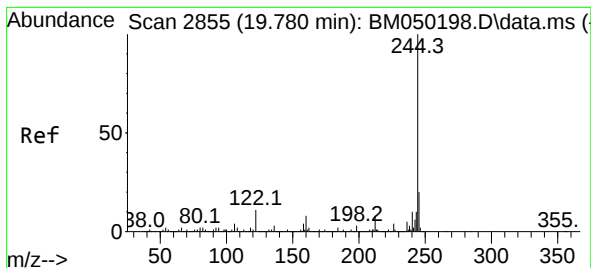
Ion Ratio Lower Upper

202 100

200 20.6 16.7 25.1

203 17.3 14.1 21.1





#79

Terphenyl-d14

Concen: 78.021 ng

RT: 19.780 min Scan# 2855

Delta R.T. -0.006 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

Instrument :

BNA_M

ClientSampleId :

B-187-SB01MSD

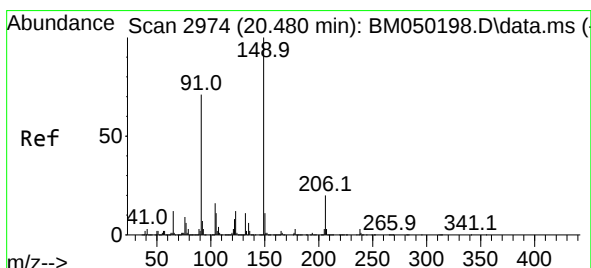
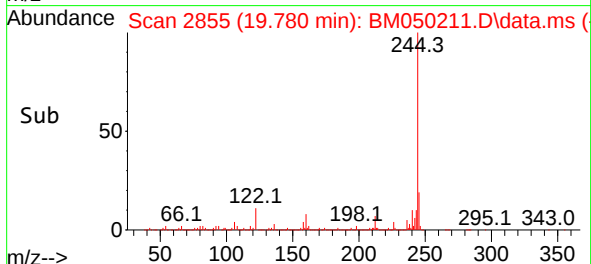
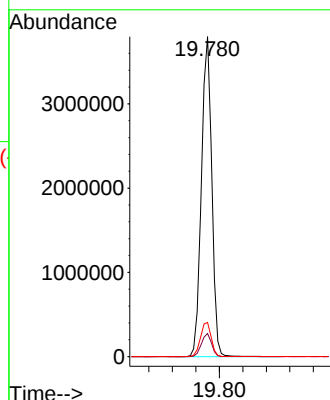
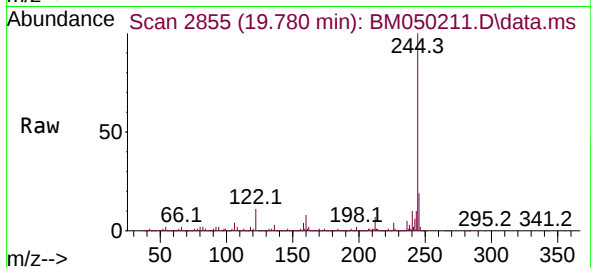
Tgt Ion:244 Resp: 4641959

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 10.7 8.6 12.8



#80

Butylbenzylphthalate

Concen: 49.140 ng

RT: 20.480 min Scan# 2974

Delta R.T. -0.000 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

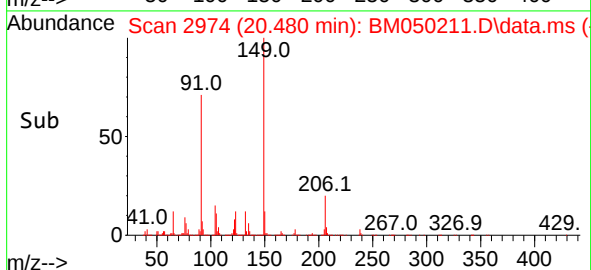
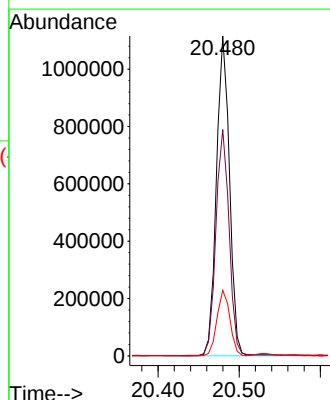
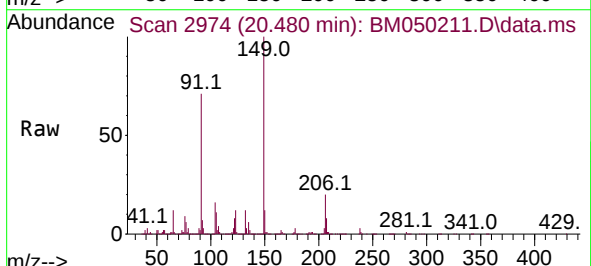
Tgt Ion:149 Resp: 1245626

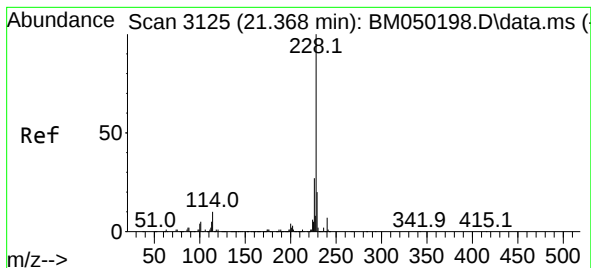
Ion Ratio Lower Upper

149 100

91 70.7 56.9 85.3

206 20.5 16.1 24.1





#81

Benzo(a)anthracene

Concen: 44.831 ng

RT: 21.368 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

Instrument :

BNA_M

ClientSampleId :

B-187-SB01MSD

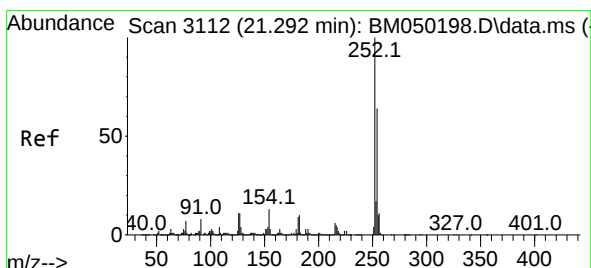
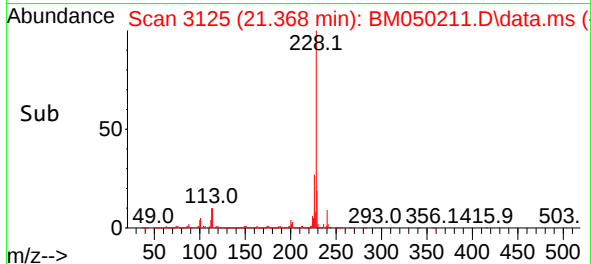
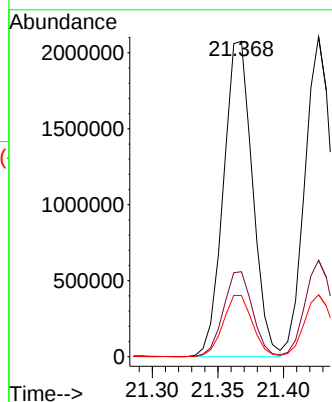
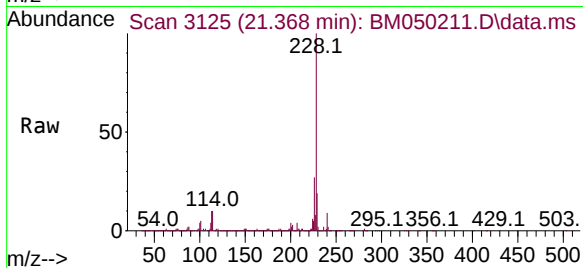
Tgt Ion:228 Resp: 3199318

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

229 19.4 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 21.788 ng

RT: 21.286 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

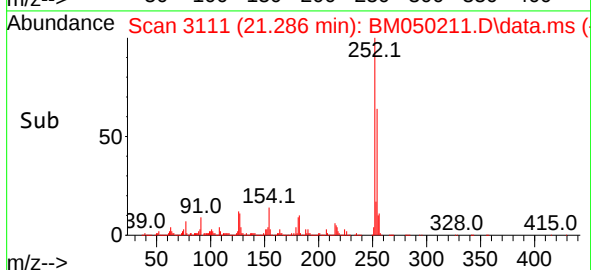
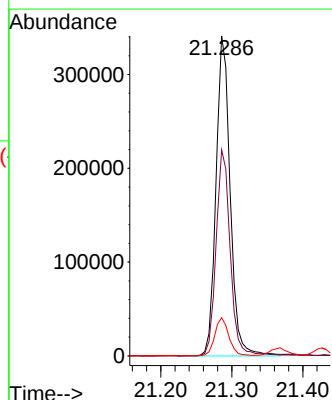
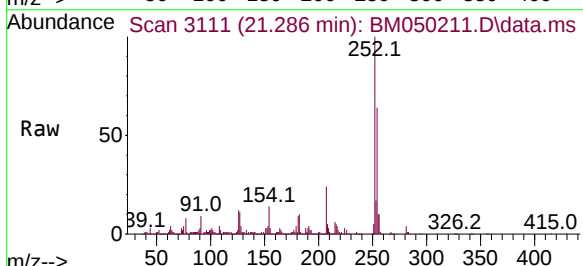
Tgt Ion:252 Resp: 474153

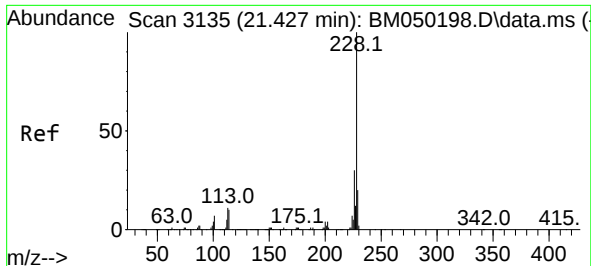
Ion Ratio Lower Upper

252 100

254 64.4 51.4 77.0

126 11.9 8.6 12.8

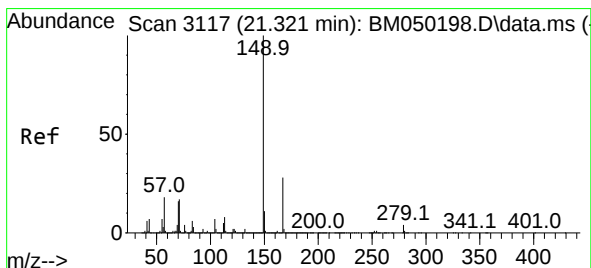
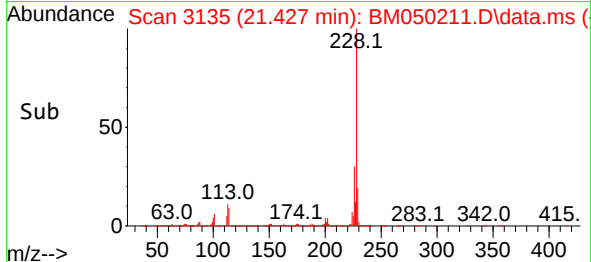
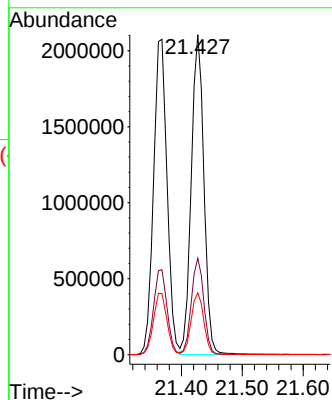
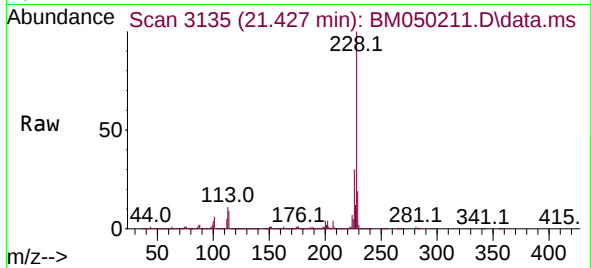




#83
Chrysene
Concen: 44.686 ng
RT: 21.427 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

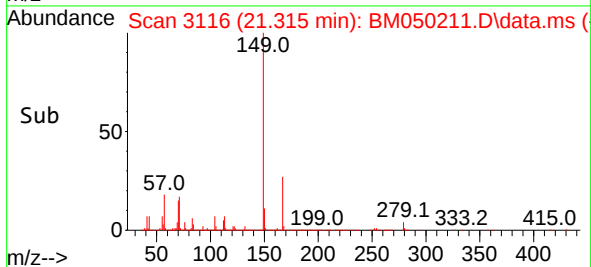
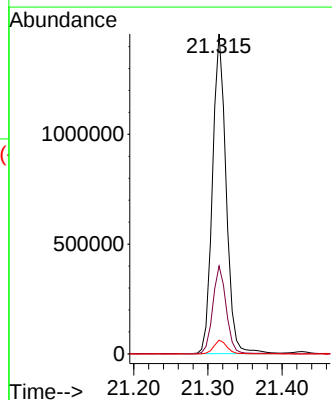
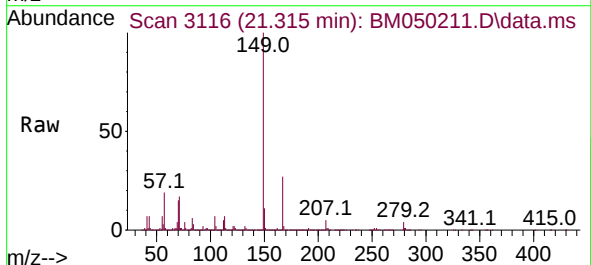
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

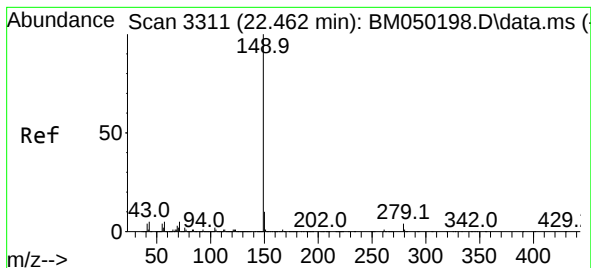
Tgt Ion:228 Resp: 3033462
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 19.3 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.853 ng
RT: 21.315 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:149 Resp: 1868435
Ion Ratio Lower Upper
149 100
167 27.5 22.3 33.5
279 4.3 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 51.964 ng

RT: 22.456 min Scan# 3311

Delta R.T. -0.006 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

Instrument :

BNA_M

ClientSampleId :

B-187-SB01MSD

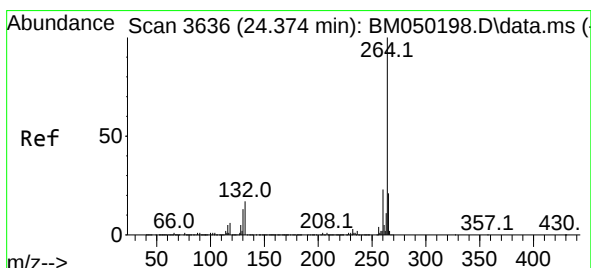
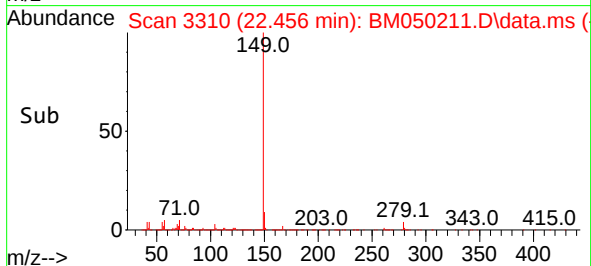
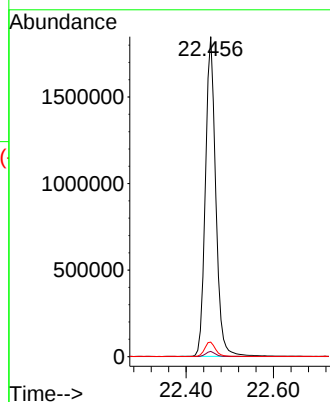
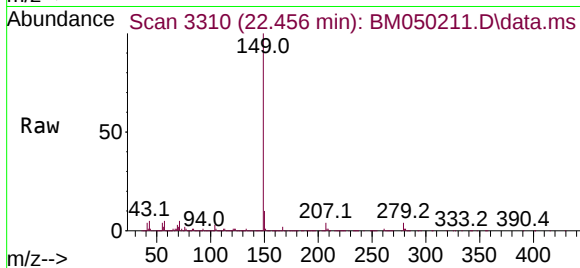
Tgt Ion:149 Resp: 3010702

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 4.8 3.8 5.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.368 min Scan# 3635

Delta R.T. -0.006 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

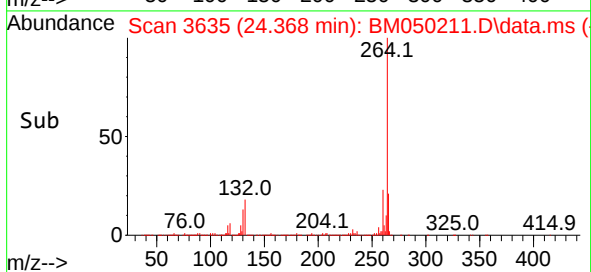
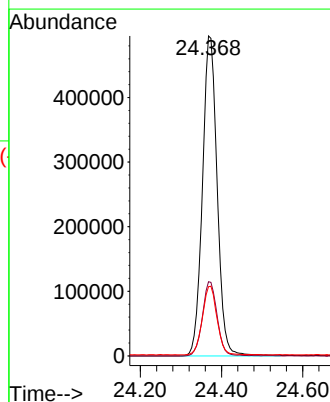
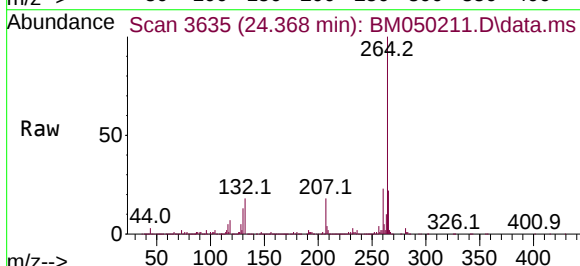
Tgt Ion:264 Resp: 1245310

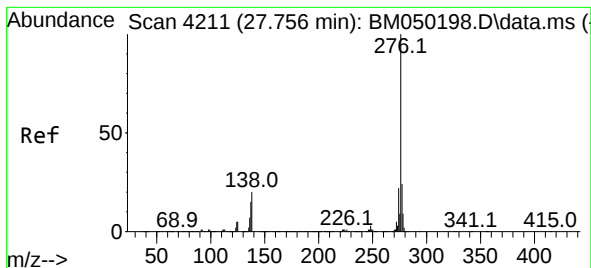
Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.6 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.443 ng

RT: 27.744 min Scan# 41

Delta R.T. -0.018 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

Instrument :

BNA_M

ClientSampleId :

B-187-SB01MSD

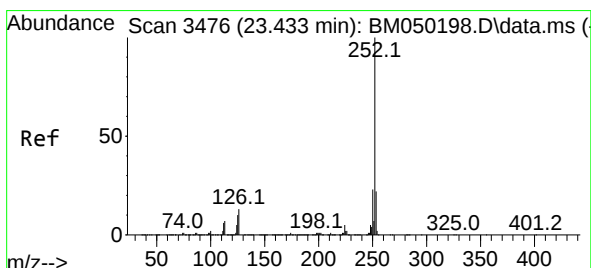
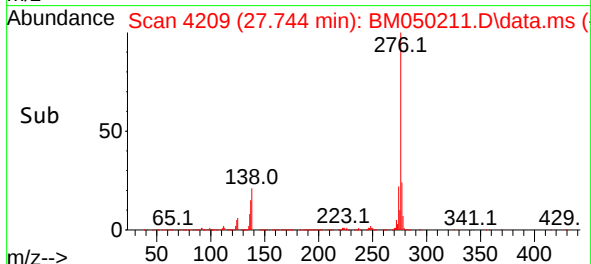
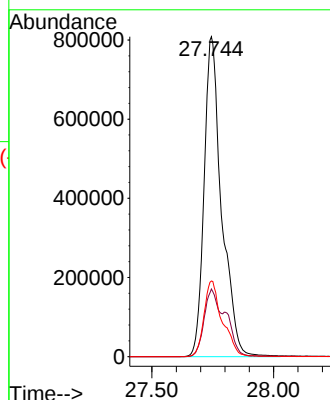
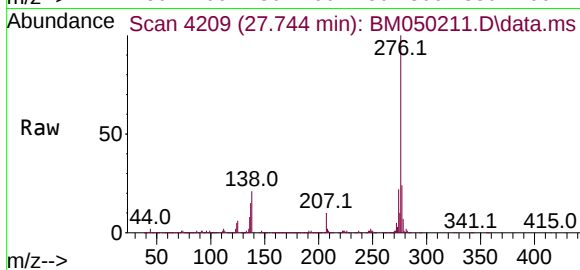
Tgt Ion:276 Resp: 4044672

Ion Ratio Lower Upper

276 100

138 18.5 20.6 30.8#

277 24.7 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 44.018 ng

RT: 23.433 min Scan# 3476

Delta R.T. -0.006 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

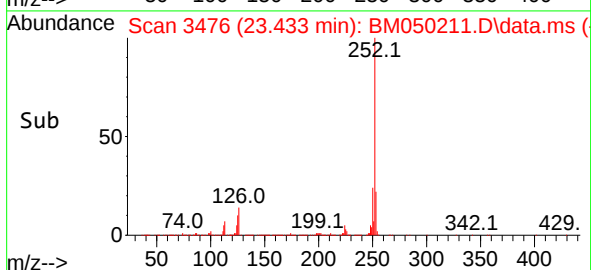
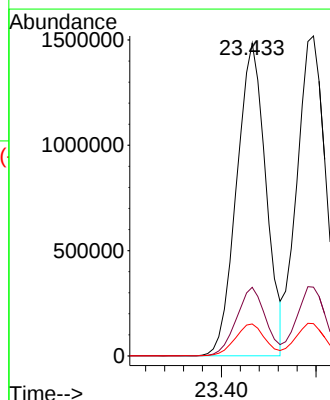
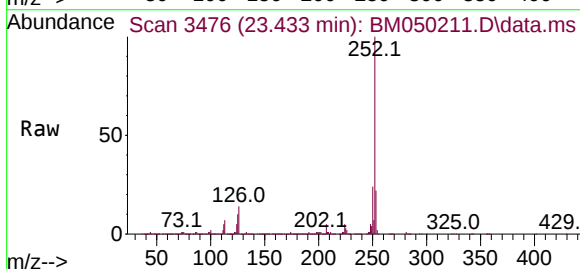
Tgt Ion:252 Resp: 3187024

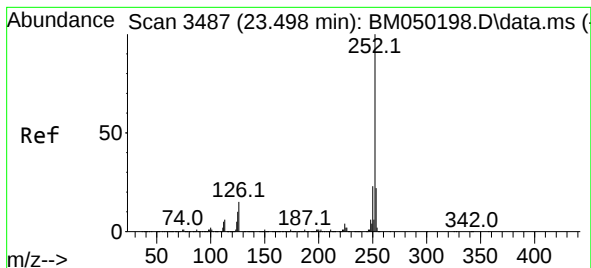
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 10.2 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 43.944 ng

RT: 23.497 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

Instrument :

BNA_M

ClientSampleId :

B-187-SB01MSD

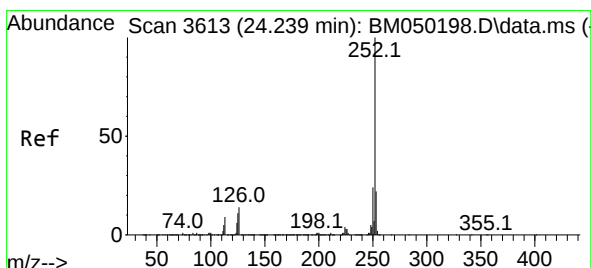
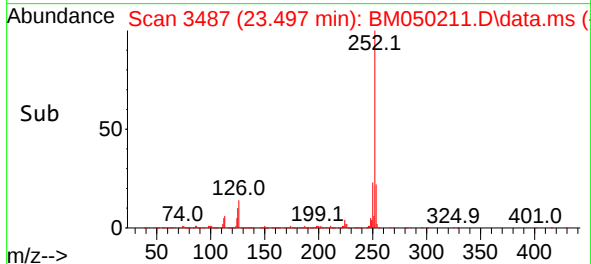
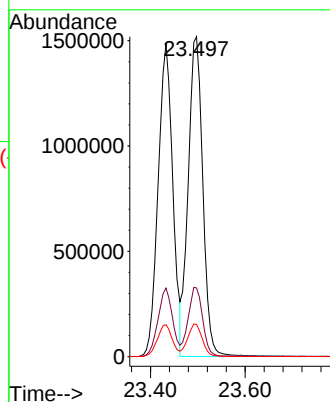
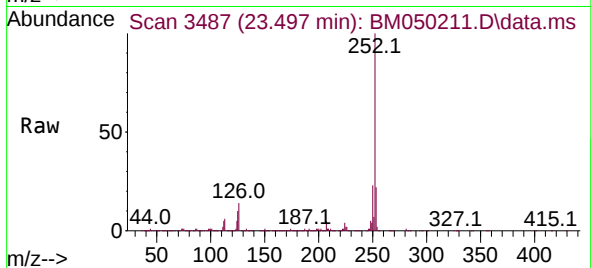
Tgt Ion:252 Resp: 3248023

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 10.1 8.2 12.4



#90

Benzo(a)pyrene

Concen: 45.728 ng

RT: 24.232 min Scan# 3612

Delta R.T. -0.006 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

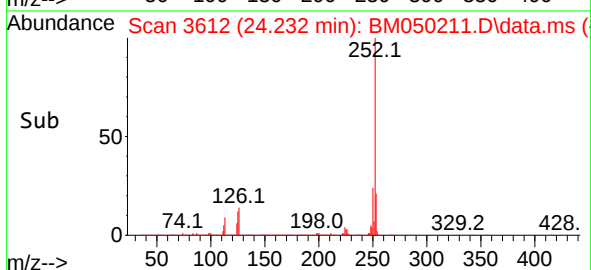
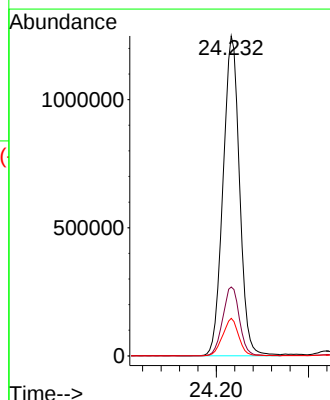
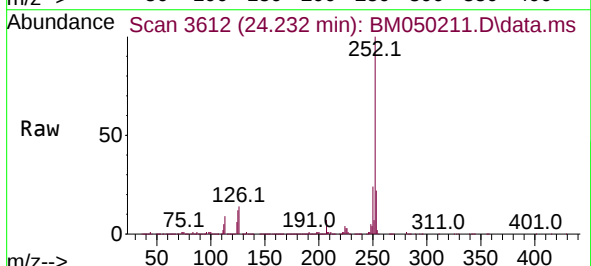
Tgt Ion:252 Resp: 3112925

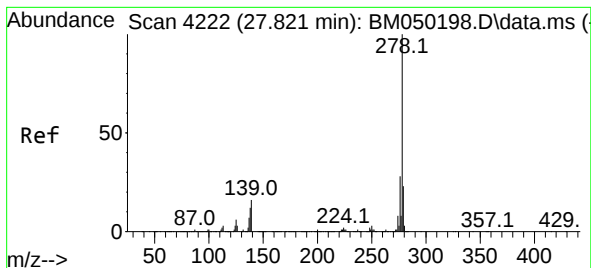
Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 11.7 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 50.009 ng

RT: 27.809 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

Instrument :

BNA_M

ClientSampleId :

B-187-SB01MSD

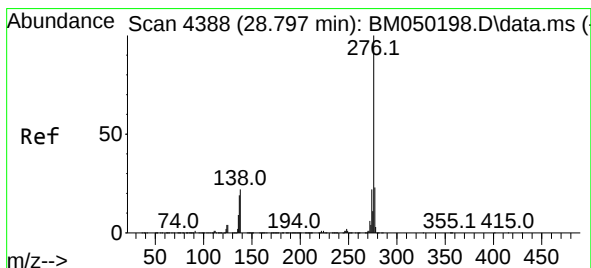
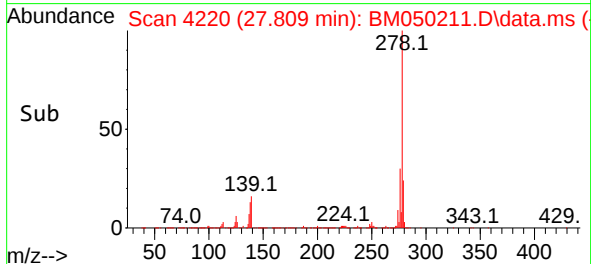
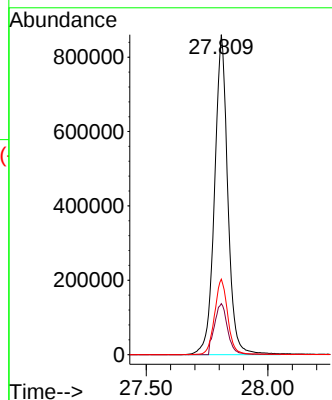
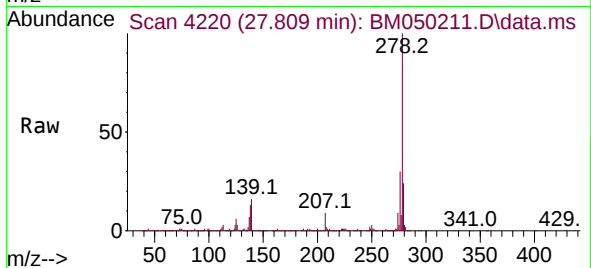
Tgt Ion:278 Resp: 3254856

Ion Ratio Lower Upper

278 100

139 15.9 12.8 19.2

279 23.6 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 51.082 ng

RT: 28.791 min Scan# 4387

Delta R.T. -0.024 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

Tgt Ion:276 Resp: 3327556

Ion Ratio Lower Upper

276 100

277 23.9 18.6 27.8

138 22.1 17.8 26.6

