

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050225.D
 Acq On : 06 Jun 2025 22:42
 Operator : RC/JU
 Sample : PB168314BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB168314BS

Quant Time: Jun 07 01:21:20 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	7.787	152	327404	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1240221	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	678136	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1205402	20.000	ng	0.00
76) Chrysene-d12	21.374	240	1198193	20.000	ng	-0.01
86) Perylene-d12	24.362	264	1311493	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2475848	126.146	ng	0.00
7) Phenol-d6	6.951	99	3059528	118.417	ng	0.00
23) Nitrobenzene-d5	8.934	82	1831642	76.809	ng	-0.01
42) 2,4,6-Tribromophenol	15.898	330	961933	124.711	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	3805803	75.980	ng	-0.01
79) Terphenyl-d14	19.774	244	4868069	76.992	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.293	88	299681	34.834	ng 95
3) Pyridine	3.681	79	835916	37.520	ng 98
4) n-Nitrosodimethylamine	3.593	42	190079	41.258	ng 98
6) Aniline	7.110	93	1193533	34.944	ng 98
8) 2-Chlorophenol	7.351	128	920208	42.625	ng 99
9) Benzaldehyde	6.922	77	500620	30.476	ng 99
10) Phenol	6.975	94	1151275	42.114	ng 99
11) bis(2-Chloroethyl)ether	7.210	93	915062	41.616	ng 98
12) 1,3-Dichlorobenzene	7.675	146	977875	40.517	ng 97
13) 1,4-Dichlorobenzene	7.822	146	1017326	40.513	ng 99
14) 1,2-Dichlorobenzene	8.140	146	968641	40.464	ng 98
15) Benzyl Alcohol	8.022	79	741456	40.236	ng 99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	674983	44.190	ng 97
17) 2-Methylphenol	8.222	107	738406	40.937	ng 99
18) Hexachloroethane	8.869	117	382614	42.074	ng 99
19) n-Nitroso-di-n-propyla...	8.592	70	637909	40.346	ng 98
20) 3+4-Methylphenols	8.545	107	977373	40.501	ng 98
22) Acetophenone	8.604	105	1319211	42.577	ng # 99
24) Nitrobenzene	8.975	77	959826	44.256	ng 97
25) Isophorone	9.504	82	1712062	41.596	ng 99
26) 2-Nitrophenol	9.686	139	399258	42.647	ng 99
27) 2,4-Dimethylphenol	9.751	122	817879	42.519	ng 98
28) bis(2-Chloroethoxy)met...	9.986	93	1138491	42.341	ng 99
29) 2,4-Dichlorophenol	10.222	162	760875	42.744	ng 99
30) 1,2,4-Trichlorobenzene	10.439	180	843780	42.597	ng 99
31) Naphthalene	10.622	128	2661898	41.513	ng 99
32) Benzoic acid	9.869	122	472275	39.068	ng 95
33) 4-Chloroaniline	10.722	127	782333	28.617	ng 99
34) Hexachlorobutadiene	10.922	225	495096	42.020	ng 100
35) Caprolactam	11.492	113	221832	39.308	ng 94
36) 4-Chloro-3-methylphenol	11.851	107	786874	41.427	ng 98
37) 2-Methylnaphthalene	12.233	142	1597034	41.285	ng 99
38) 1-Methylnaphthalene	12.457	142	1671891	40.721	ng 100
40) 1,2,4,5-Tetrachloroben...	12.604	216	865976	44.223	ng 99
41) Hexachlorocyclopentadiene	12.592	237	1114762	93.740	ng 98
43) 2,4,6-Trichlorophenol	12.839	196	575768	44.712	ng 98

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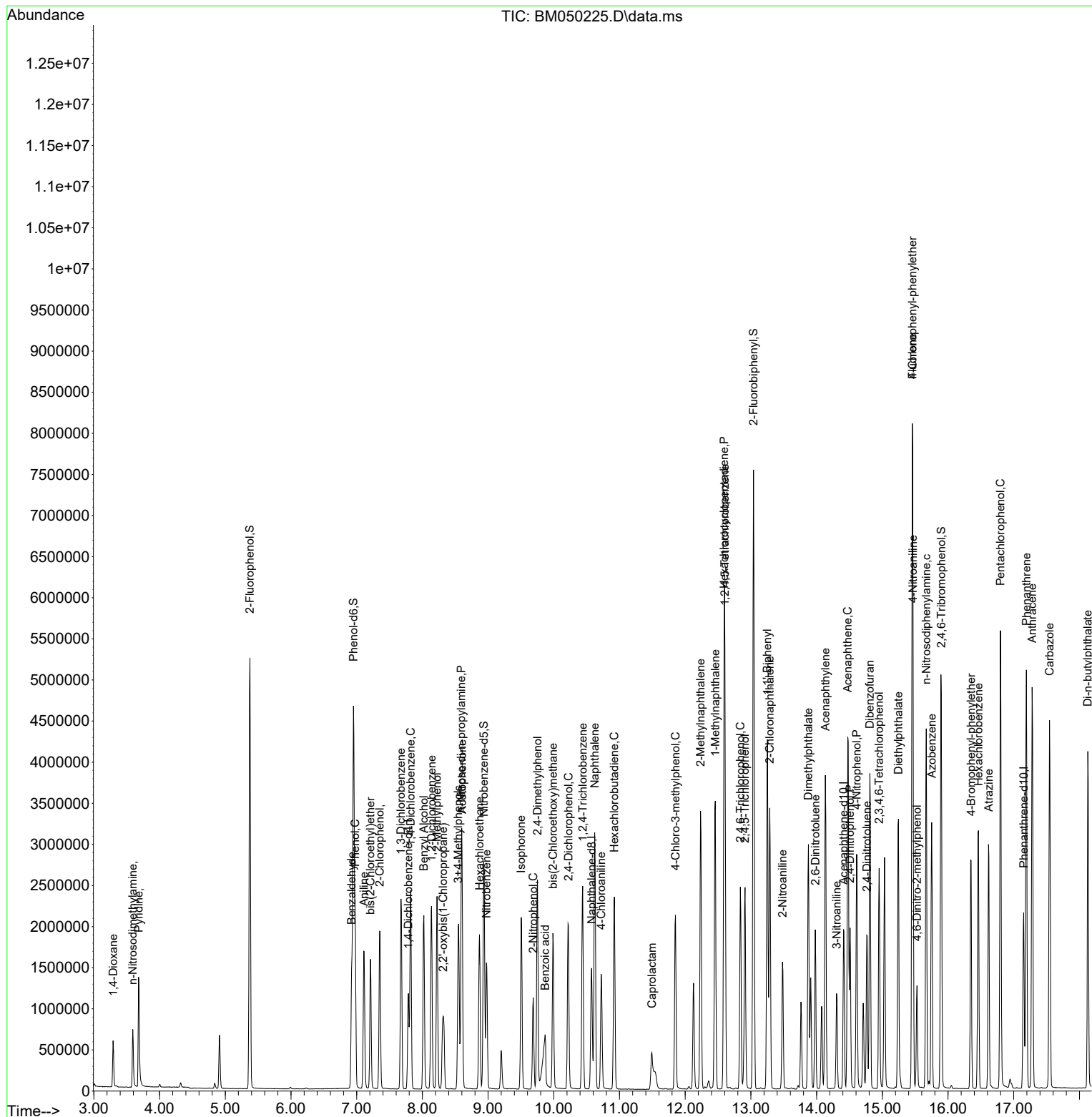
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.910	196	622993	44.063	ng	98
46) 1,1'-Biphenyl	13.251	154	2199497	43.316	ng	99
47) 2-Chloronaphthalene	13.286	162	1692510	42.874	ng	100
48) 2-Nitroaniline	13.480	65	407164	46.868	ng	92
49) Acenaphthylene	14.133	152	2740890	42.926	ng	100
50) Dimethylphthalate	13.874	163	1938850	42.276	ng	100
51) 2,6-Dinitrotoluene	13.980	165	408086	44.123	ng	94
52) Acenaphthene	14.474	154	1839565	46.061	ng	98
53) 3-Nitroaniline	14.304	138	310614	30.134	ng	99
54) 2,4-Dinitrophenol	14.510	184	421817	77.017	ng	96
55) Dibenzofuran	14.810	168	2482632	42.490	ng	99
56) 4-Nitrophenol	14.610	139	826813	94.241	ng	99
57) 2,4-Dinitrotoluene	14.769	165	570102	46.728	ng	99
58) Fluorene	15.457	166	1914923	42.790	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.951	232	536537	43.862	ng	100
60) Diethylphthalate	15.245	149	1934726	42.517	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	913406	42.232	ng	99
62) 4-Nitroaniline	15.468	138	408318	42.264	ng	100
63) Azobenzene	15.751	77	1977224	43.472	ng	98
65) 4,6-Dinitro-2-methylph...	15.527	198	279122	42.396	ng	95
66) n-Nitrosodiphenylamine	15.668	169	1664999	43.961	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	566244	44.051	ng	97
68) Hexachlorobenzene	16.463	284	660689	43.992	ng	97
69) Atrazine	16.621	200	555211	46.007	ng	99
70) Pentachlorophenol	16.798	266	908910	93.086	ng	99
71) Phenanthrene	17.192	178	2989719	43.417	ng	99
72) Anthracene	17.280	178	3025223	43.915	ng	100
73) Carbazole	17.545	167	2822868	44.980	ng	100
74) Di-n-butylphthalate	18.127	149	3128027	45.808	ng	99
75) Fluoranthene	19.204	202	3288288	45.282	ng	99
77) Benzidine	19.386	184	1473496	43.732	ng	100
78) Pyrene	19.562	202	3487366	43.183	ng	100
80) Butylbenzylphthalate	20.474	149	1208443	44.860	ng	99
81) Benzo(a)anthracene	21.356	228	3385167	44.635	ng	100
82) 3,3'-Dichlorobenzidine	21.280	252	704129	30.445	ng	98
83) Chrysene	21.421	228	3258491	45.168	ng	99
84) Bis(2-ethylhexyl)phtha...	21.309	149	1926357	46.425	ng	99
85) Di-n-octyl phthalate	22.444	149	2938941	47.731	ng	100
87) Indeno(1,2,3-cd)pyrene	27.732	276	4233970	50.139	ng	100
88) Benzo(b)fluoranthene	23.421	252	3454981	45.311	ng	99
89) Benzo(k)fluoranthene	23.486	252	3445030	44.257	ng	100
90) Benzo(a)pyrene	24.221	252	3306511	46.121	ng	99
91) Dibenzo(a,h)anthracene	27.797	278	3382105	49.342	ng	98
92) Benzo(g,h,i)perylene	28.779	276	3516916	51.264	ng	99

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

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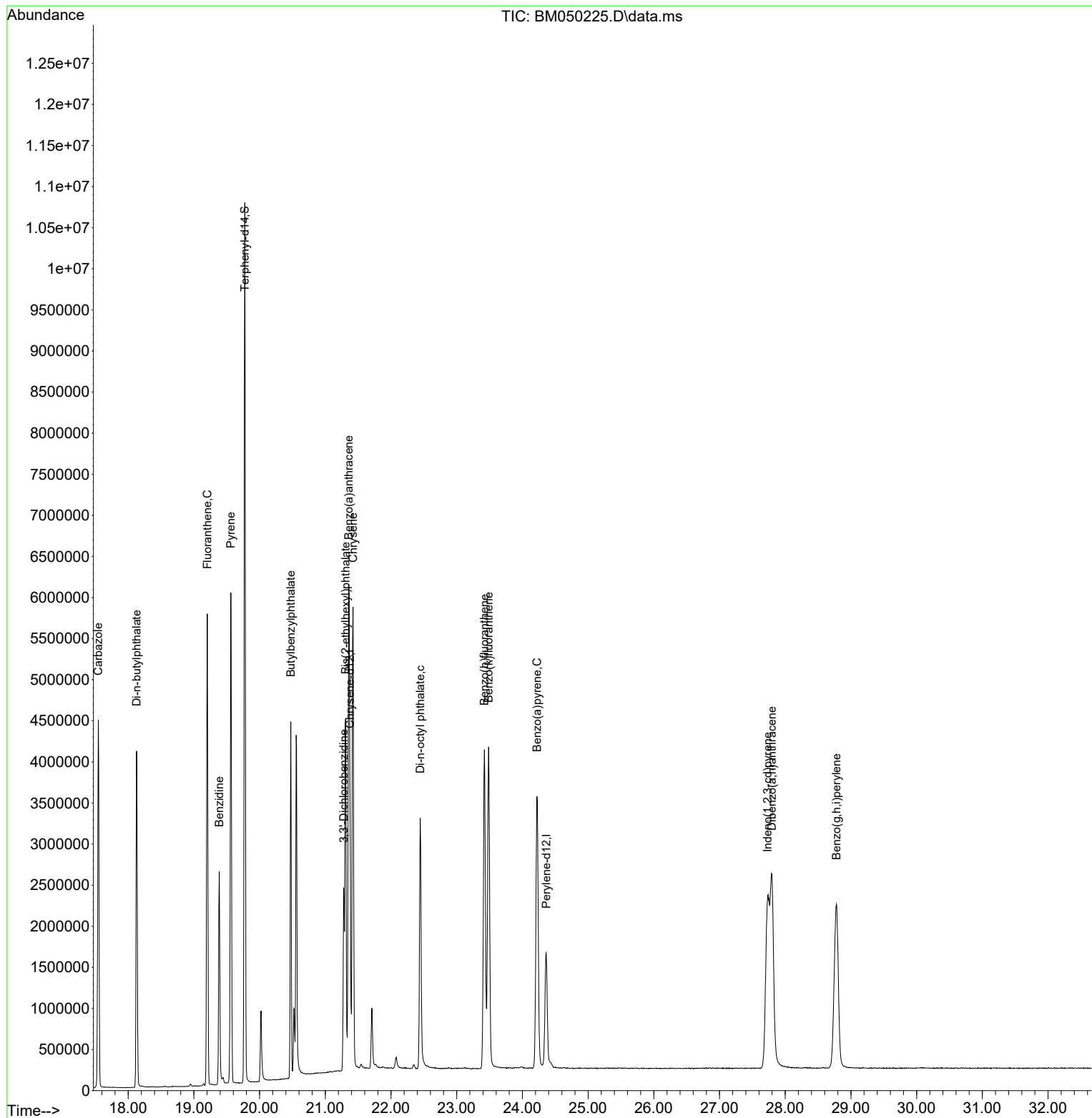
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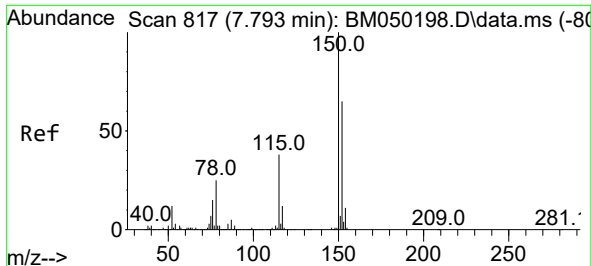


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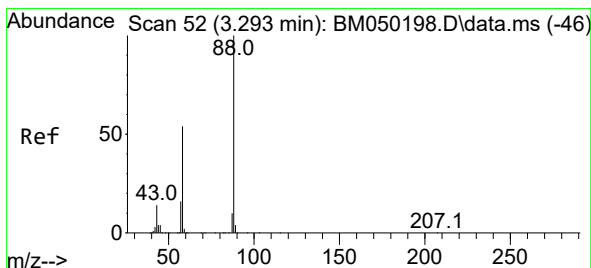
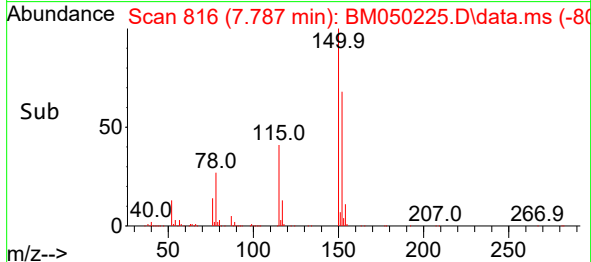
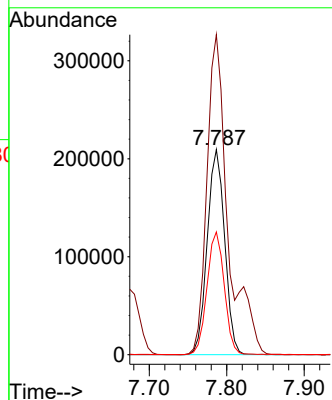
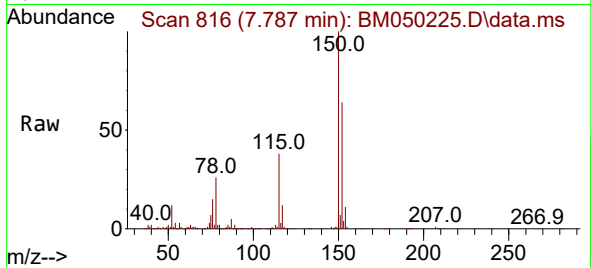




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.787 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM050225.D
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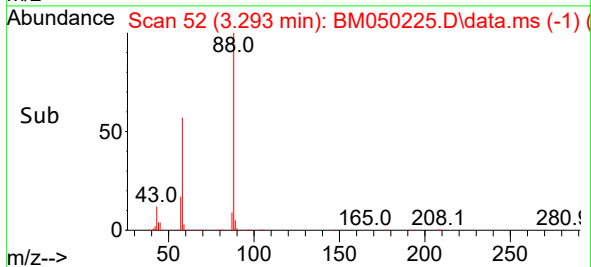
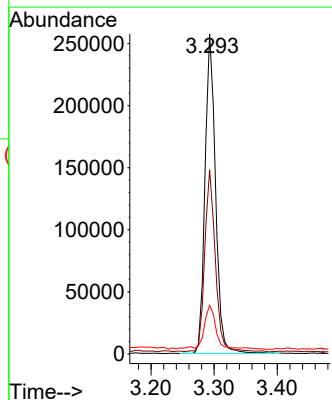
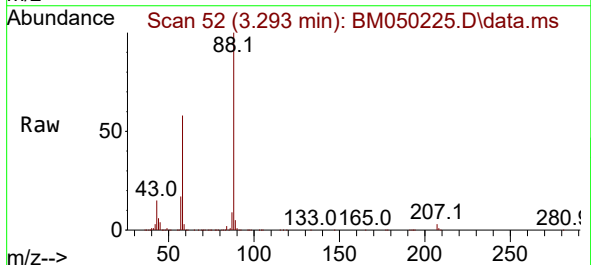
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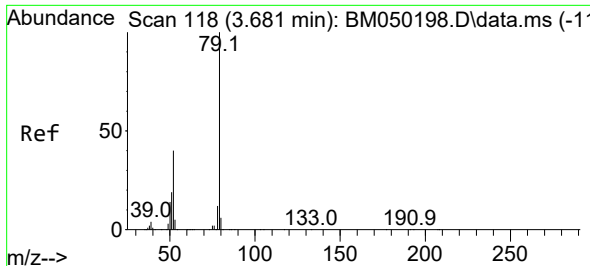
Tgt Ion:152 Resp: 327404
 Ion Ratio Lower Upper
 152 100
 150 156.0 122.2 183.4
 115 59.8 46.3 69.5



#2
 1,4-Dioxane
 Concen: 34.834 ng
 RT: 3.293 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: BM050225.D
 Acq: 06 Jun 2025 22:42

Tgt Ion: 88 Resp: 299681
 Ion Ratio Lower Upper
 88 100
 58 57.4 42.9 64.3
 43 14.7 11.0 16.6

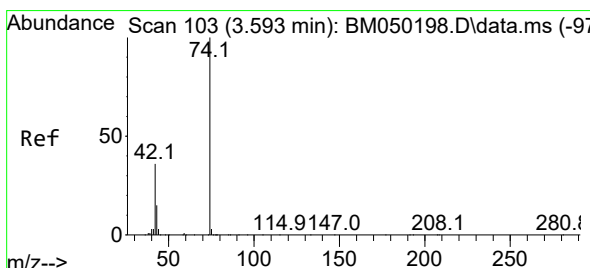
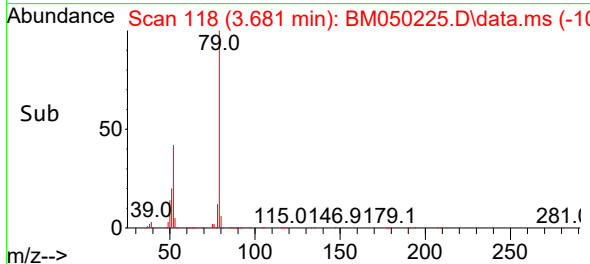
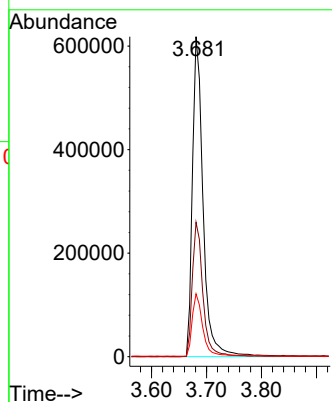
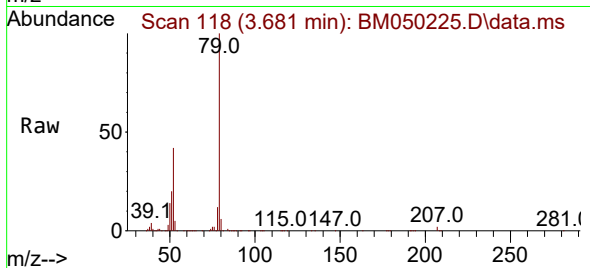




#3
Pyridine
Concen: 37.520 ng
RT: 3.681 min Scan# 118
Delta R.T. -0.000 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

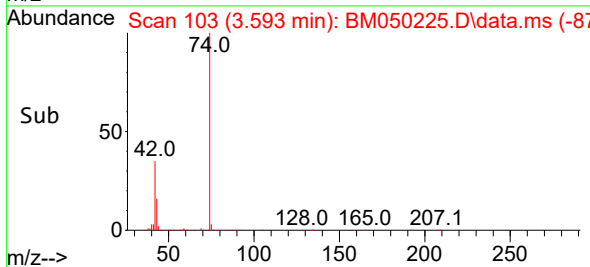
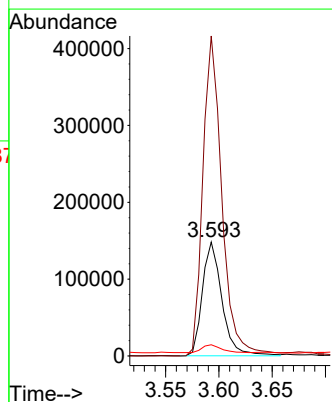
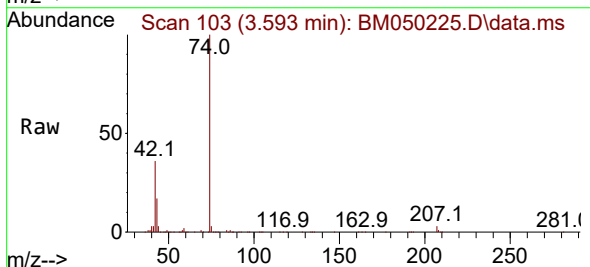
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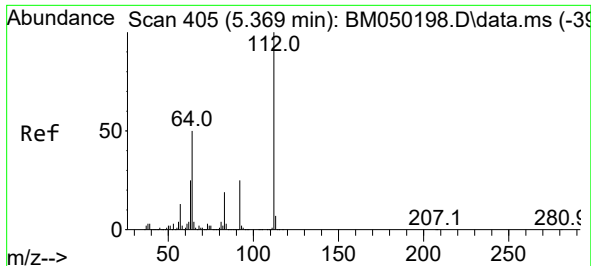
Tgt Ion: 79 Resp: 835916
Ion Ratio Lower Upper
79 100
52 42.0 32.1 48.1
51 19.7 15.4 23.0



#4
n-Nitrosodimethylamine
Concen: 41.258 ng
RT: 3.593 min Scan# 103
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

Tgt Ion: 42 Resp: 190079
Ion Ratio Lower Upper
42 100
74 281.0 222.0 333.0
44 9.8 7.0 10.6

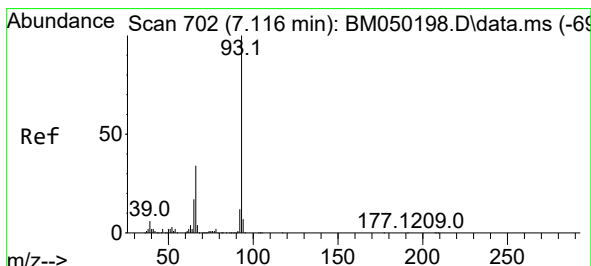
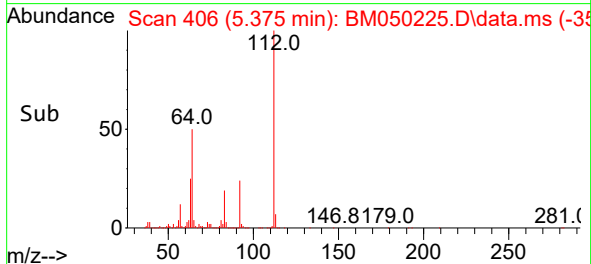
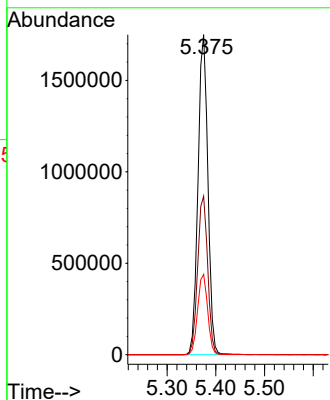
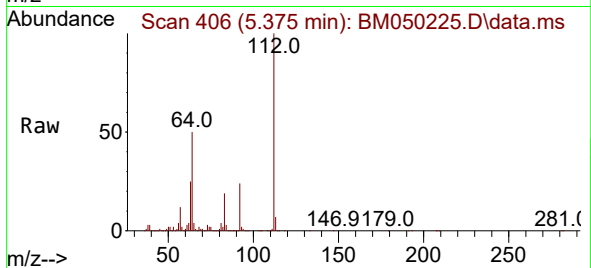




#5
2-Fluorophenol
Concen: 126.146 ng
RT: 5.375 min Scan# 405
Delta R.T. -0.000 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

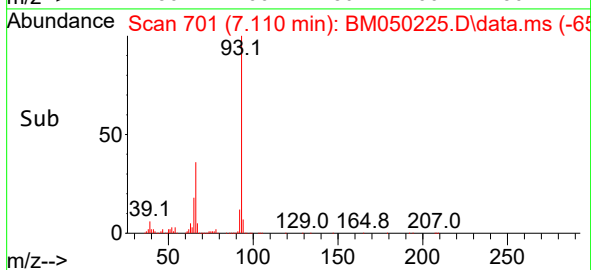
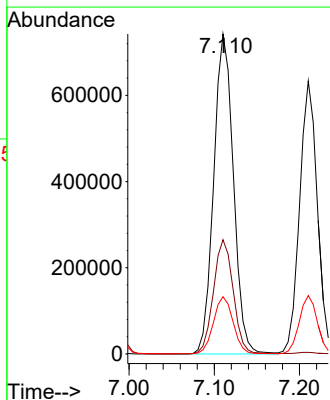
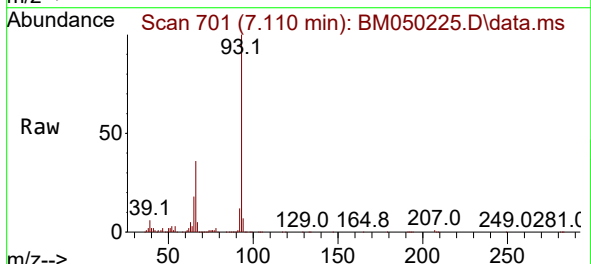
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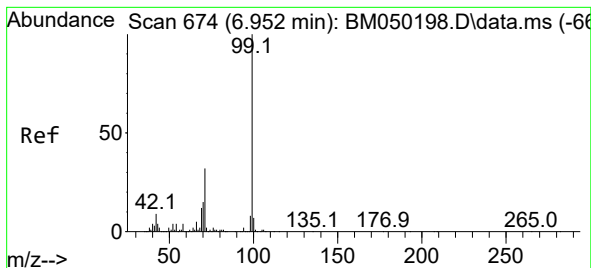
Tgt Ion:112 Resp: 2475848
Ion Ratio Lower Upper
112 100
64 49.6 39.8 59.6
63 25.1 19.8 29.8



#6
Aniline
Concen: 34.944 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.012 min
Lab File: BM050225.D
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Tgt Ion: 93 Resp: 1193533
Ion Ratio Lower Upper
93 100
66 35.7 27.4 41.2
65 17.9 13.6 20.4

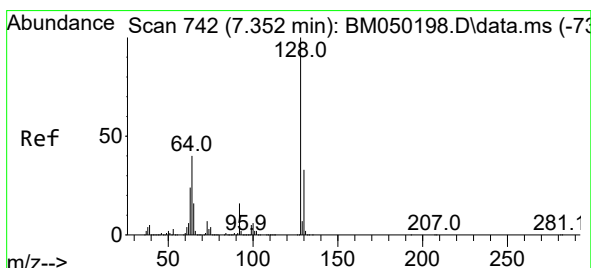
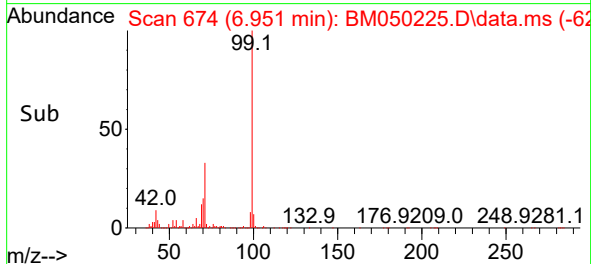
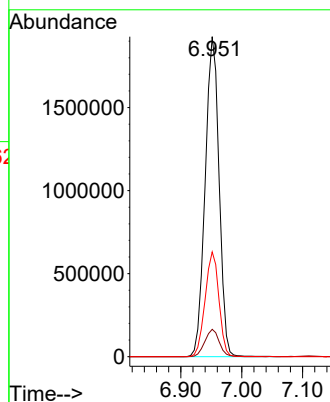
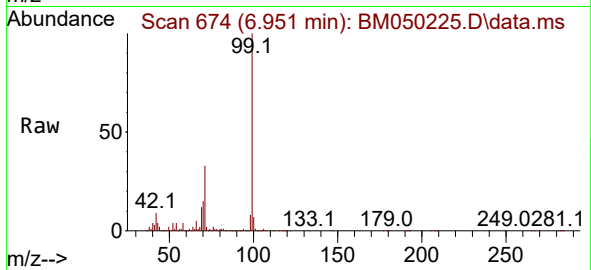




#7
Phenol-d6
Concen: 118.417 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050225.D
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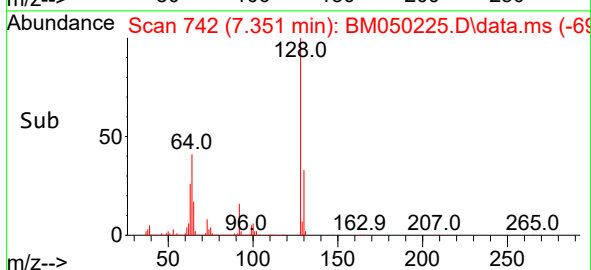
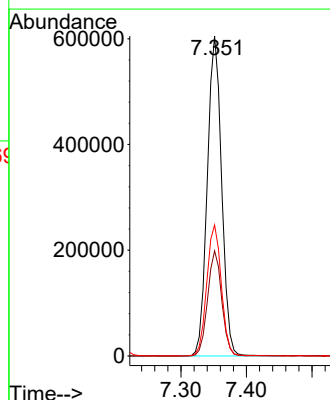
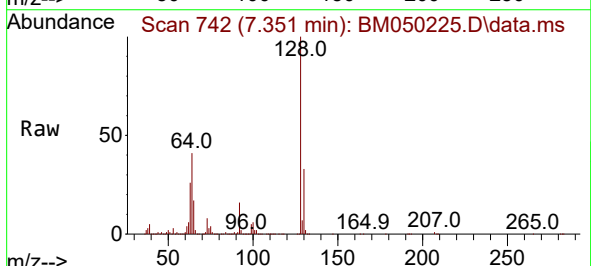
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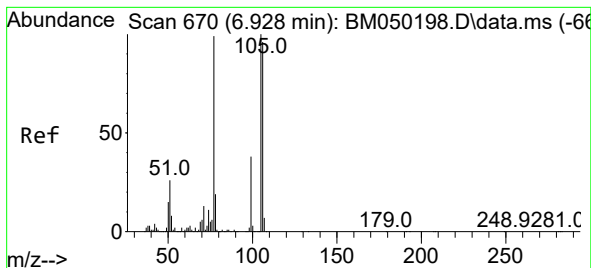
Tgt Ion: 99 Resp: 3059528
Ion Ratio Lower Upper
99 100
42 8.6 6.9 10.3
71 32.8 25.3 37.9



#8
2-Chlorophenol
Concen: 42.625 ng
RT: 7.351 min Scan# 742
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

Tgt Ion: 128 Resp: 920208
Ion Ratio Lower Upper
128 100
130 32.9 12.6 52.6
64 40.9 19.8 59.8





#9

Benzaldehyde

Concen: 30.476 ng

RT: 6.922 min Scan# 60

Delta R.T. -0.006 min

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BNA_M

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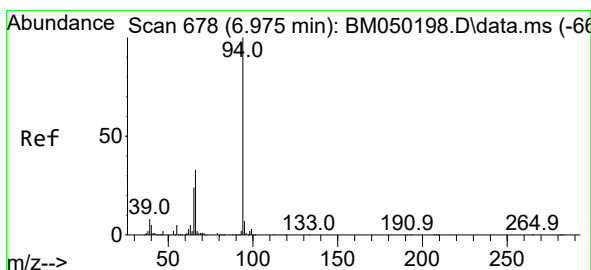
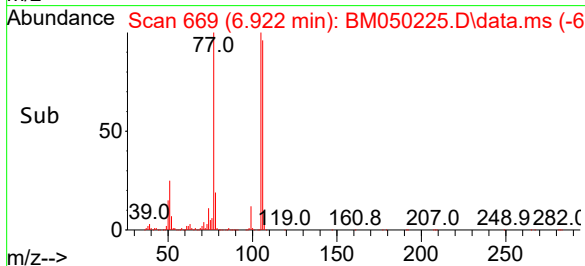
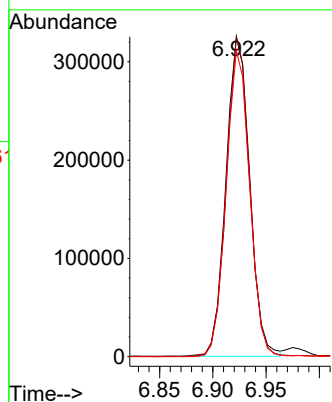
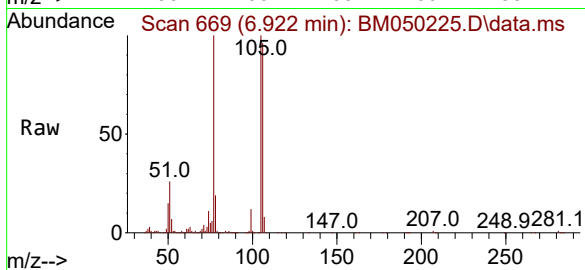
Tgt Ion: 77 Resp: 500620

Ion Ratio Lower Upper

77 100

105 100.0 80.9 120.9

106 95.7 77.1 117.1



#10

Phenol

Concen: 42.114 ng

RT: 6.975 min Scan# 678

Delta R.T. -0.006 min

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Acq: 06 Jun 2025 22:42

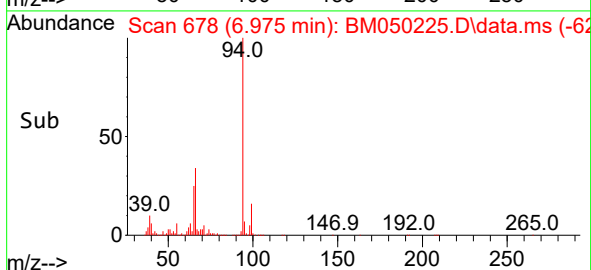
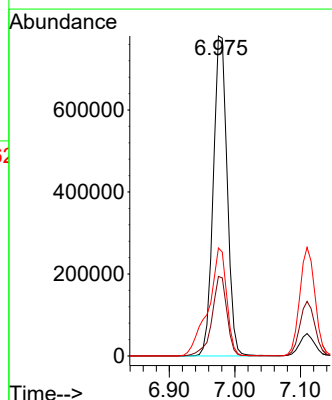
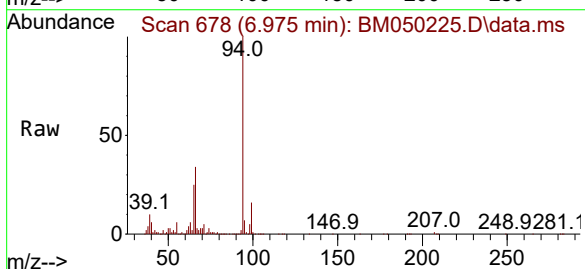
Tgt Ion: 94 Resp: 1151275

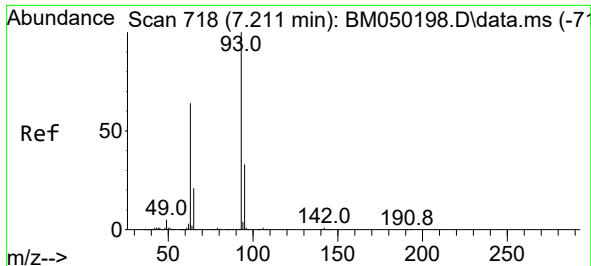
Ion Ratio Lower Upper

94 100

65 24.9 4.3 44.3

66 33.8 12.9 52.9

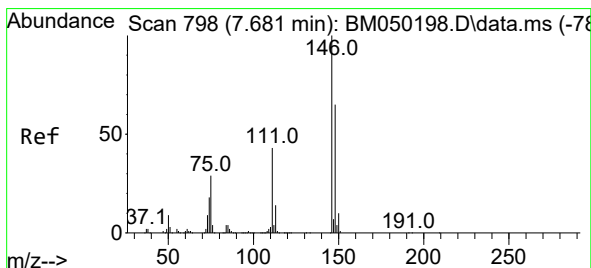
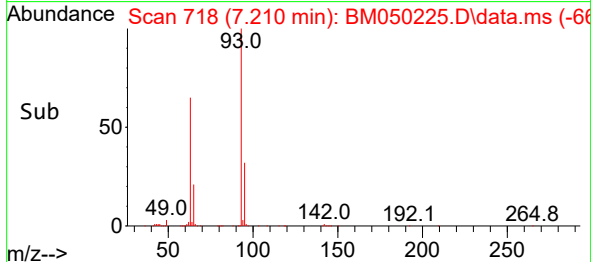
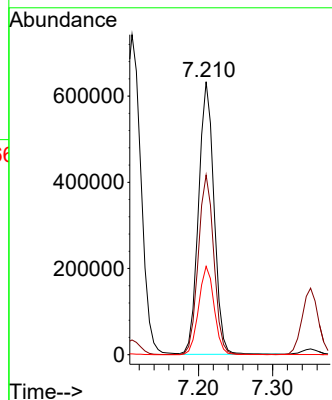
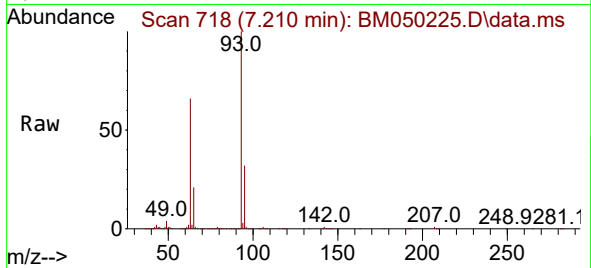




#11
bis(2-Chloroethyl)ether
Concen: 41.616 ng
RT: 7.210 min Scan# 718
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

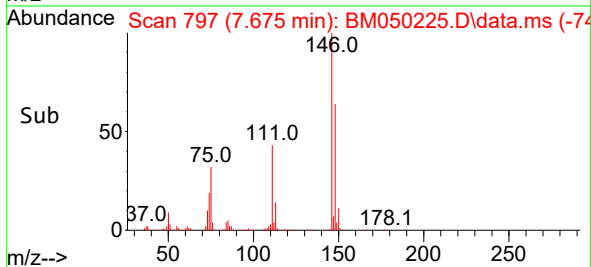
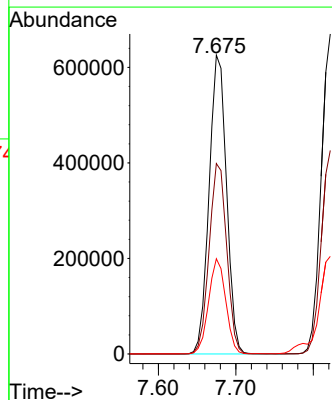
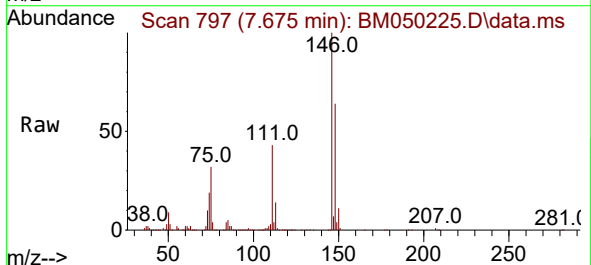
Instrument :
BNA_M
ClientSampleId :
PB168314BS

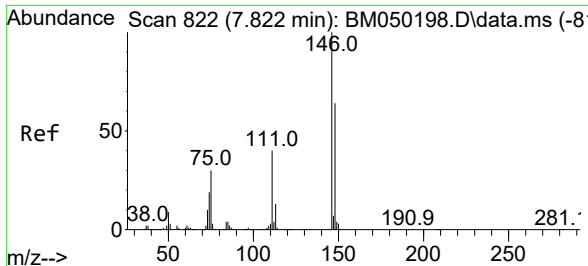
Tgt Ion: 93 Resp: 915062
Ion Ratio Lower Upper
93 100
63 65.8 43.9 83.9
95 32.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 40.517 ng
RT: 7.675 min Scan# 797
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

Tgt Ion: 146 Resp: 977875
Ion Ratio Lower Upper
146 100
148 63.7 51.9 77.9
75 31.9 23.4 35.0

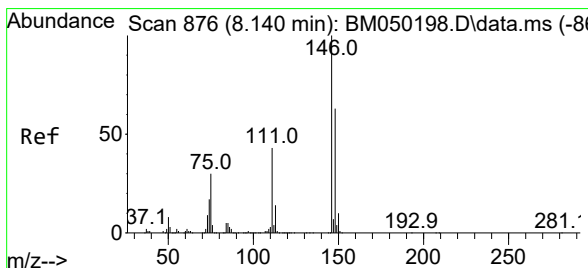
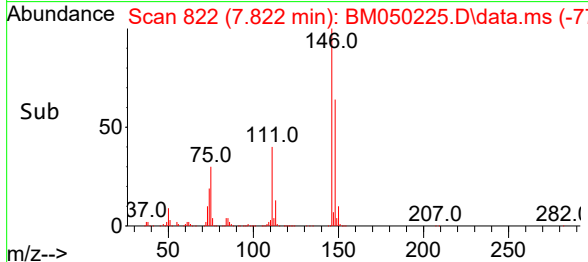
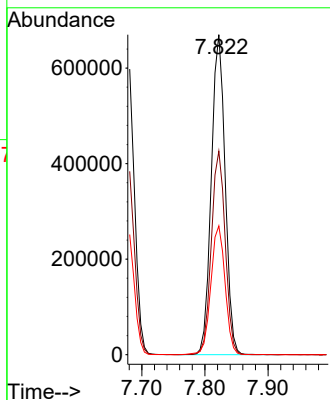
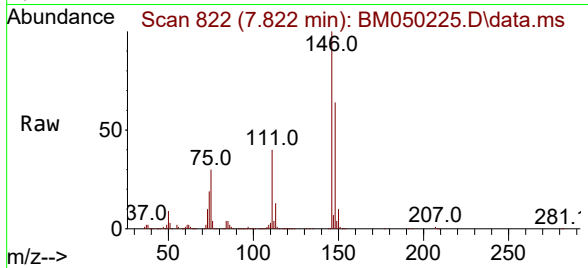




#13
1,4-Dichlorobenzene
Concen: 40.513 ng
RT: 7.822 min Scan# 822
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

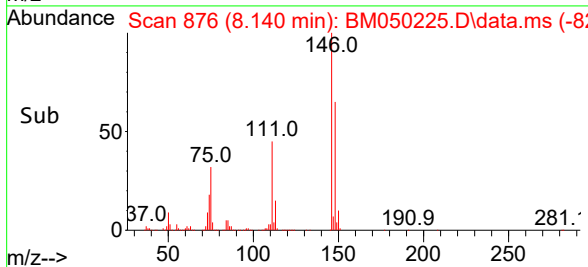
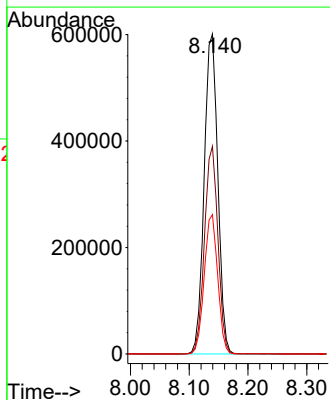
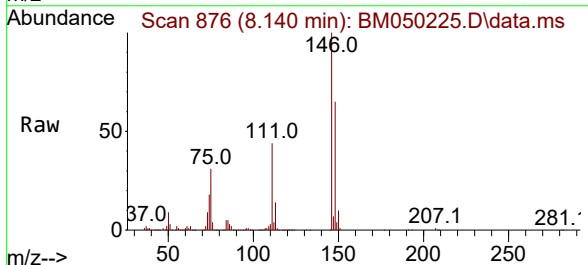
Instrument :
BNA_M
ClientSampleId :
PB168314BS

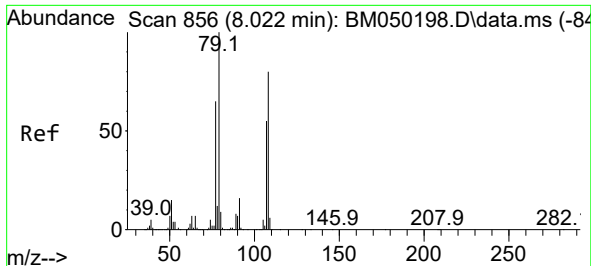
Tgt Ion:146 Resp: 1017326
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.0
111 40.3 32.3 48.5



#14
1,2-Dichlorobenzene
Concen: 40.464 ng
RT: 8.140 min Scan# 876
Delta R.T. -0.000 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

Tgt Ion:146 Resp: 968641
Ion Ratio Lower Upper
146 100
148 64.9 50.4 75.6
111 43.5 34.3 51.5

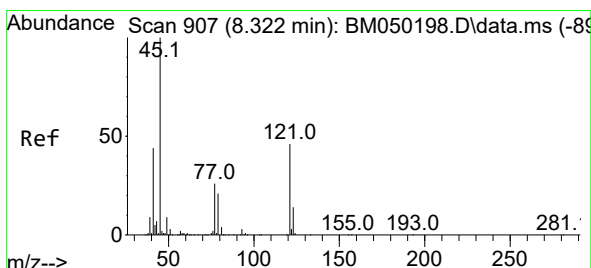
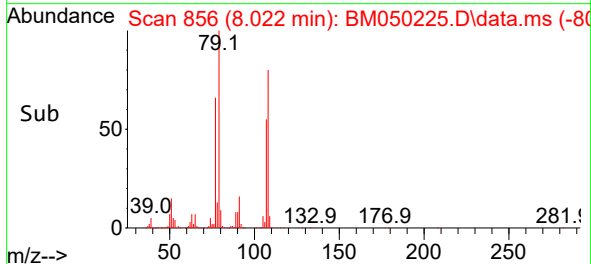
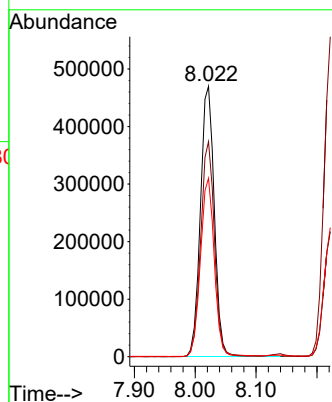
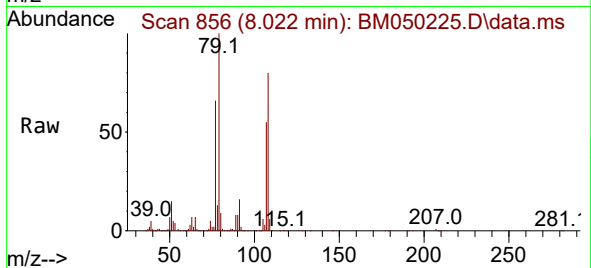




#15
Benzyl Alcohol
Concen: 40.236 ng
RT: 8.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

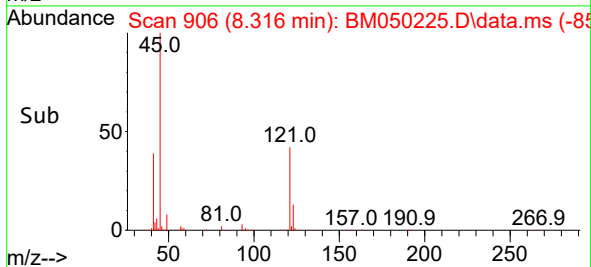
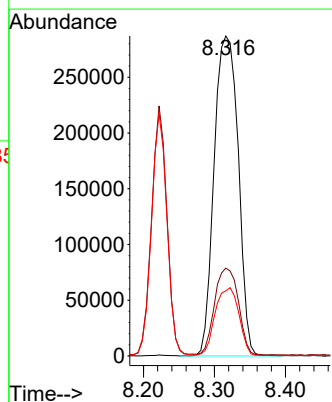
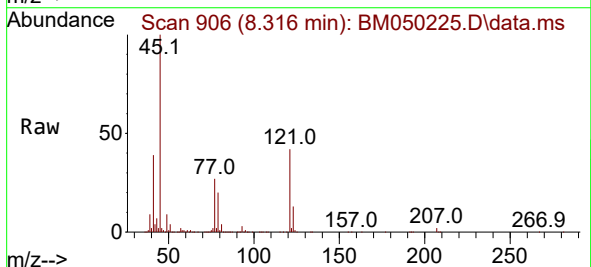
Instrument :
BNA_M
ClientSampleId :
PB168314BS

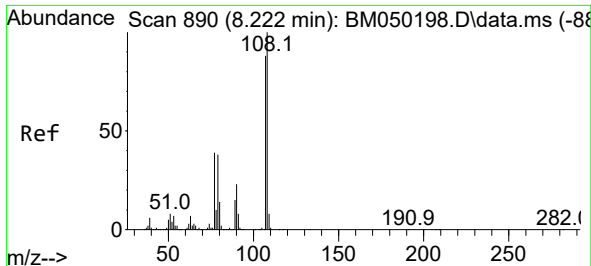
Tgt Ion: 79 Resp: 741456
Ion Ratio Lower Upper
79 100
108 79.5 64.0 96.0
77 66.0 52.2 78.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.190 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

Tgt Ion: 45 Resp: 674983
Ion Ratio Lower Upper
45 100
77 27.4 8.7 48.7
79 20.4 2.7 42.7

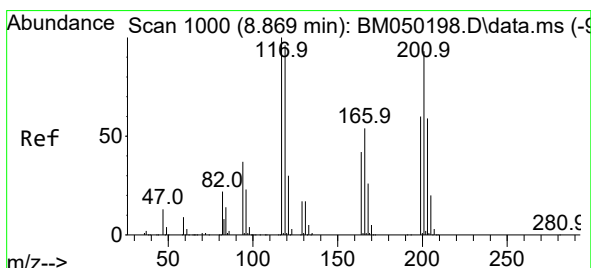
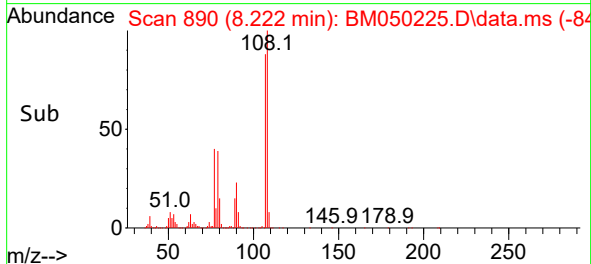
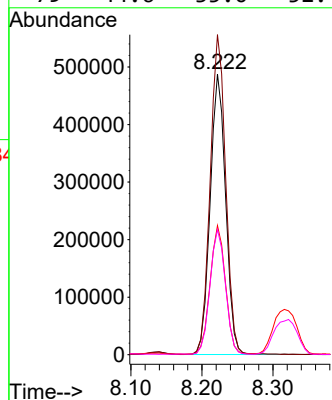
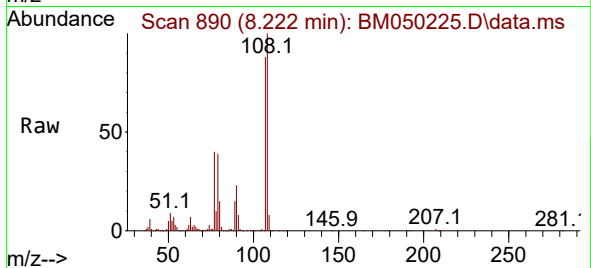




#17
2-Methylphenol
Concen: 40.937 ng
RT: 8.222 min Scan# 890
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

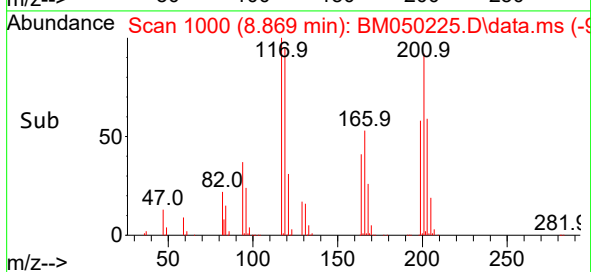
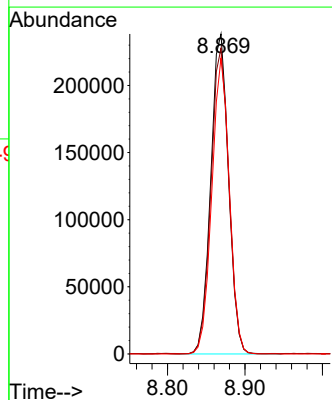
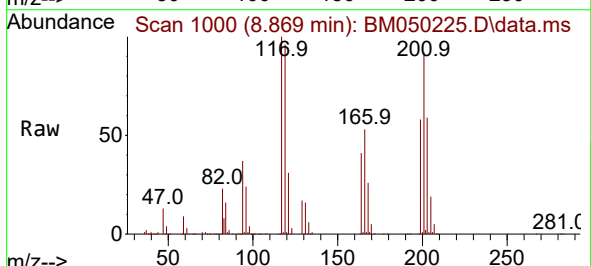
Instrument :
BNA_M
ClientSampleId :
PB168314BS

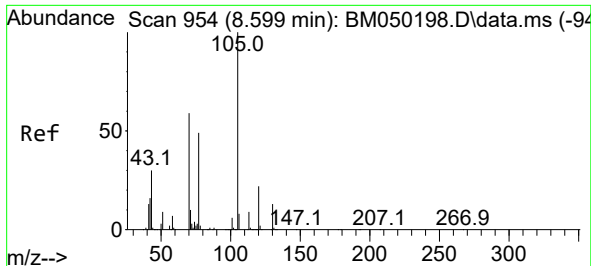
Tgt Ion:	107	Resp:	738406
Ion	Ratio	Lower	Upper
107	100		
108	114.0	90.8	136.2
77	46.0	35.7	53.5
79	44.6	35.0	52.4



#18
Hexachloroethane
Concen: 42.074 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

Tgt Ion:	117	Resp:	382614
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.0	115.6
201	92.4	74.6	111.8

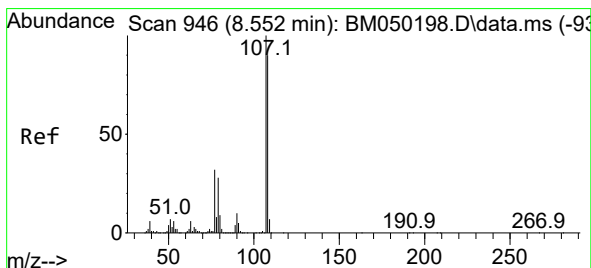
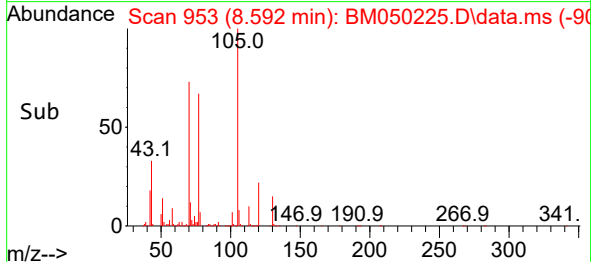
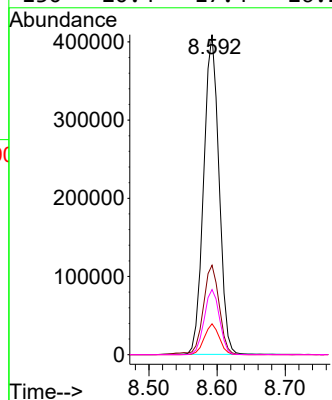
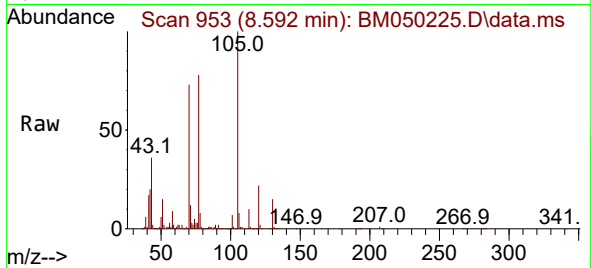




#19
n-Nitroso-di-n-propylamine
Concen: 40.346 ng
RT: 8.592 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

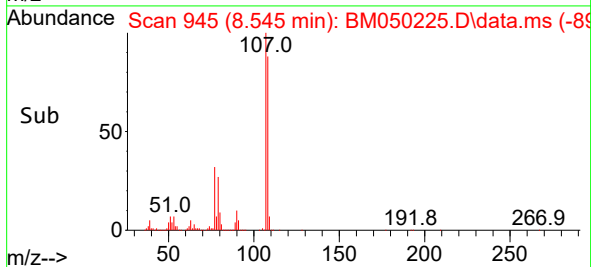
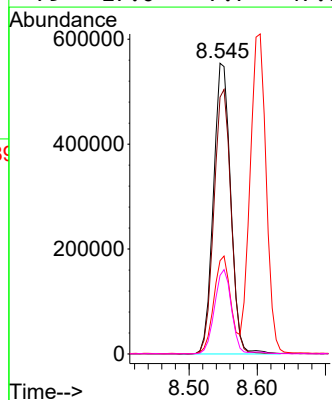
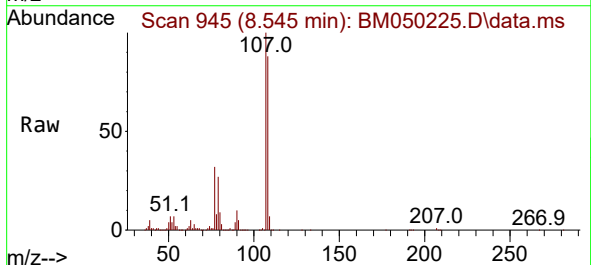
Instrument :
BNA_M
ClientSampleId :
PB168314BS

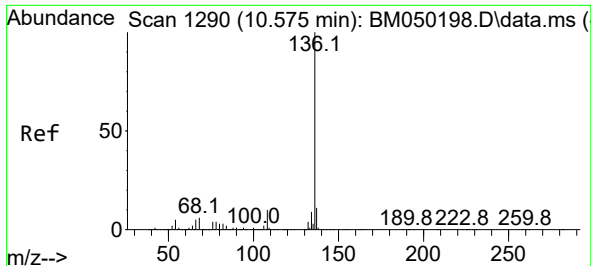
Tgt Ion: 70 Resp: 637909
Ion Ratio Lower Upper
70 100
42 28.0 22.6 33.8
101 9.6 8.3 12.5
130 20.4 17.4 26.2



#20
3+4-Methylphenols
Concen: 40.501 ng
RT: 8.545 min Scan# 945
Delta R.T. -0.012 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

Tgt Ion: 107 Resp: 977373
Ion Ratio Lower Upper
107 100
108 88.3 70.4 110.4
77 32.1 12.2 52.2
79 27.0 7.7 47.7

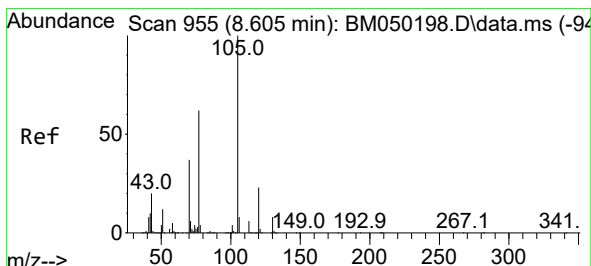
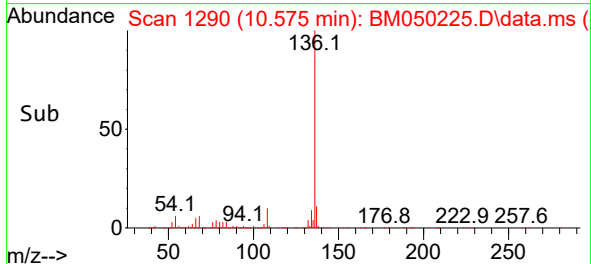
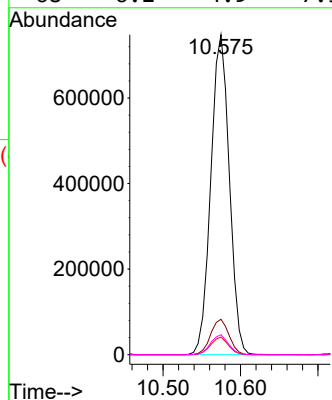
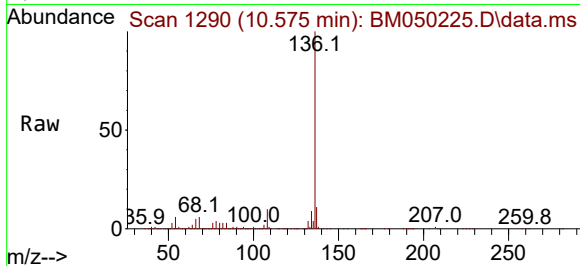




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

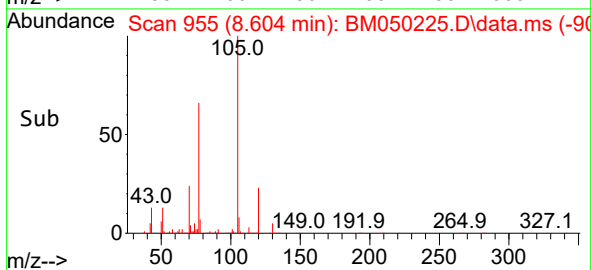
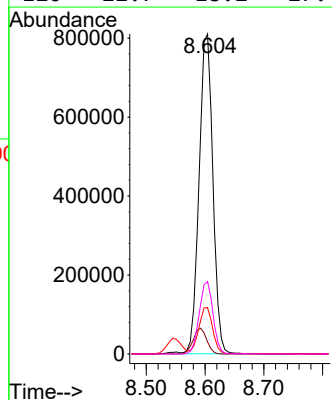
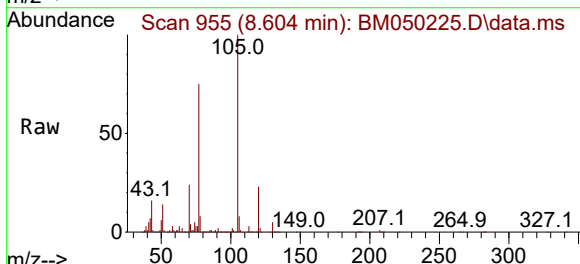
Instrument :
BNA_M
ClientSampleId :
PB168314BS

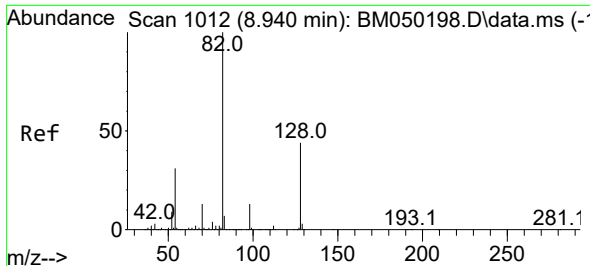
Tgt Ion:136 Resp: 1240221
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 5.5 3.8 5.8
68 6.2 4.9 7.3



#22
Acetophenone
Concen: 42.577 ng
RT: 8.604 min Scan# 955
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

Tgt Ion:105 Resp: 1319211
Ion Ratio Lower Upper
105 100
71 3.7 5.0 7.4#
51 14.5 11.4 17.2
120 22.7 18.2 27.4

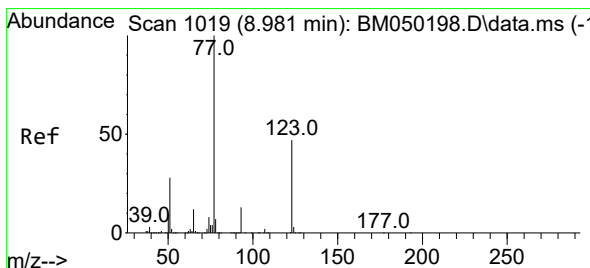
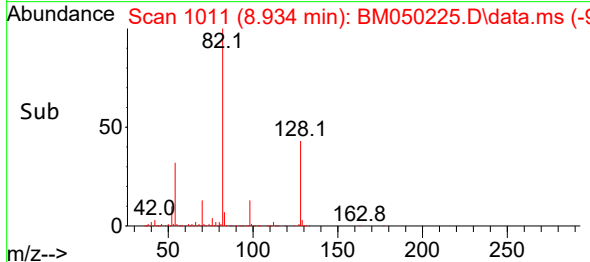
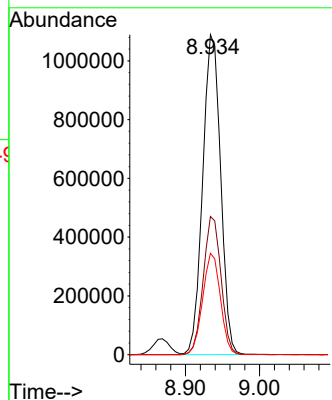
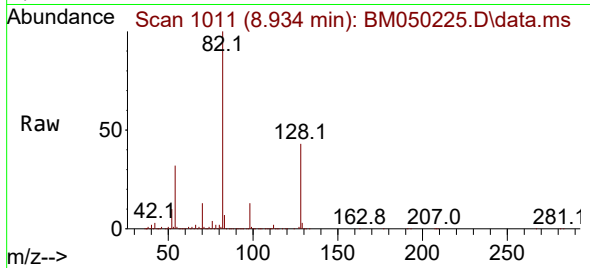




#23
Nitrobenzene-d5
Concen: 76.809 ng
RT: 8.934 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

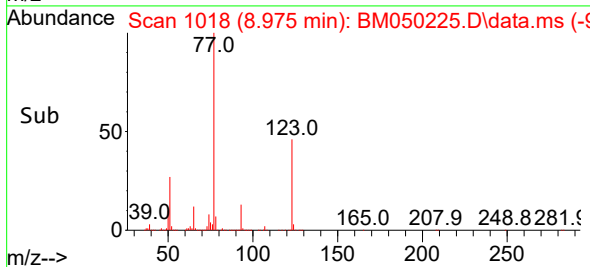
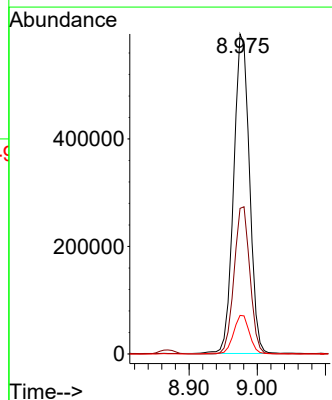
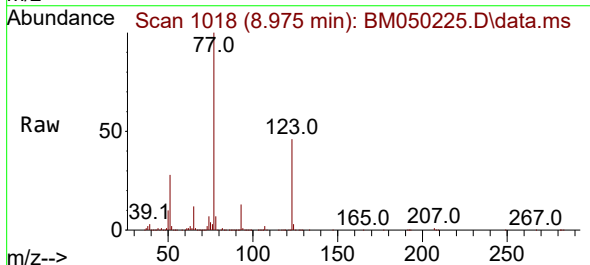
Instrument :
BNA_M
ClientSampleId :
PB168314BS

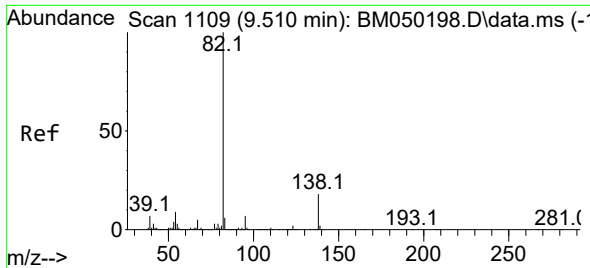
Tgt Ion: 82 Resp: 1831642
Ion Ratio Lower Upper
82 100
128 43.2 35.2 52.8
54 31.7 24.5 36.7



#24
Nitrobenzene
Concen: 44.256 ng
RT: 8.975 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

Tgt Ion: 77 Resp: 959826
Ion Ratio Lower Upper
77 100
123 45.5 38.2 57.2
65 12.1 9.5 14.3

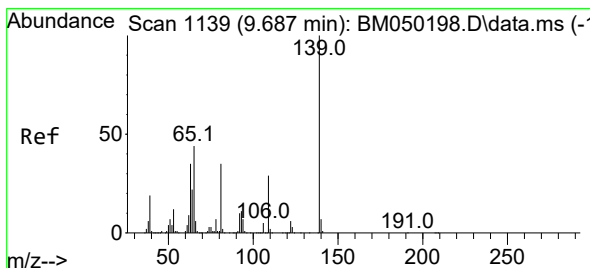
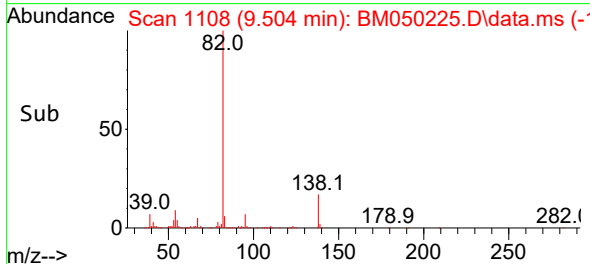
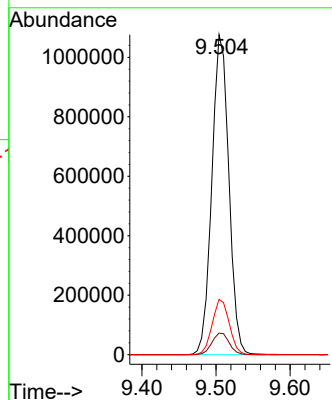
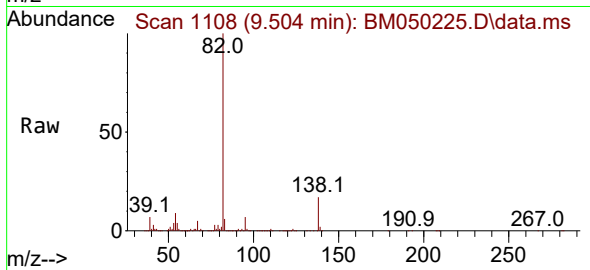




#25
Isophorone
Concen: 41.596 ng
RT: 9.504 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

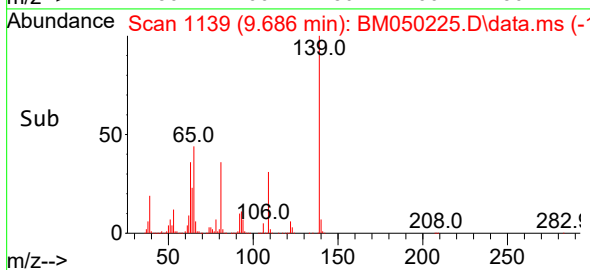
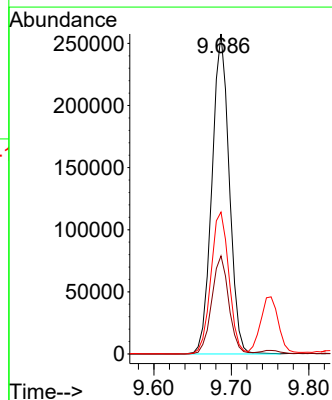
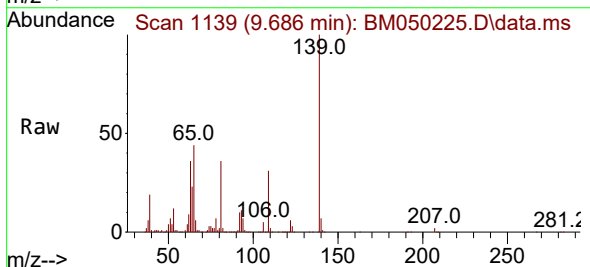
Instrument :
BNA_M
ClientSampleId :
PB168314BS

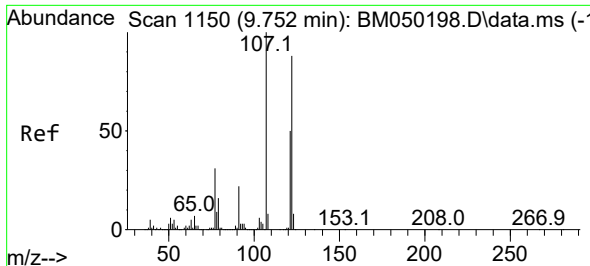
Tgt Ion: 82 Resp: 1712062
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 17.3 14.2 21.2



#26
2-Nitrophenol
Concen: 42.647 ng
RT: 9.686 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

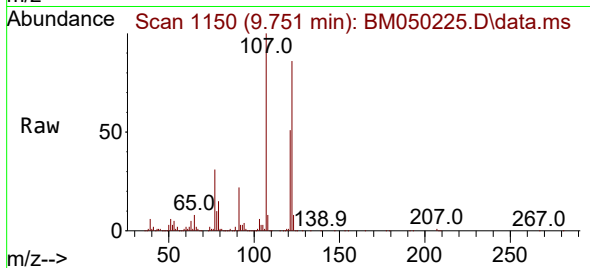
Tgt Ion:139 Resp: 399258
Ion Ratio Lower Upper
139 100
109 30.6 23.3 34.9
65 44.4 35.2 52.8



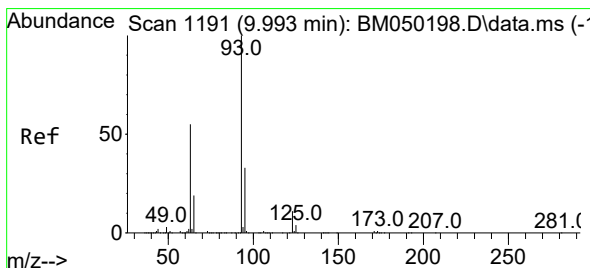
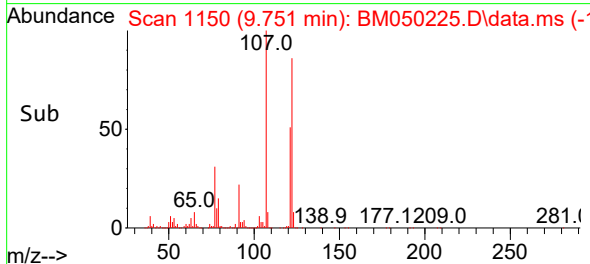
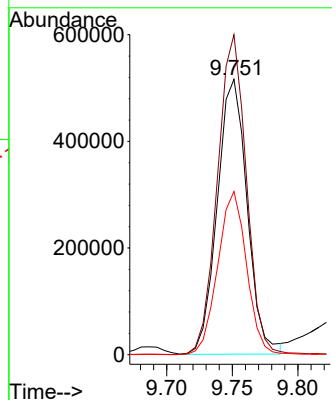


#27
2,4-Dimethylphenol
Concen: 42.519 ng
RT: 9.751 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

Instrument :
BNA_M
ClientSampleId :
PB168314BS

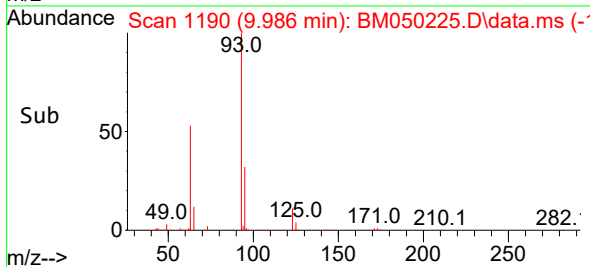
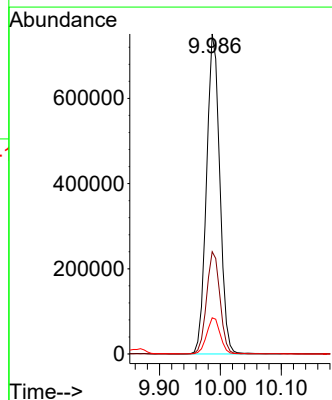
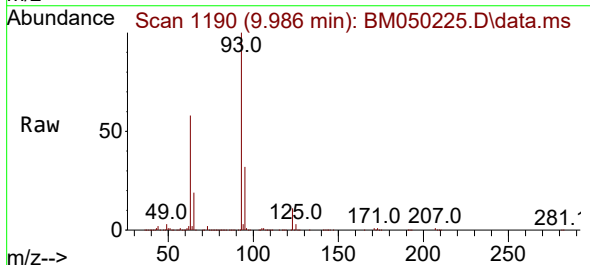


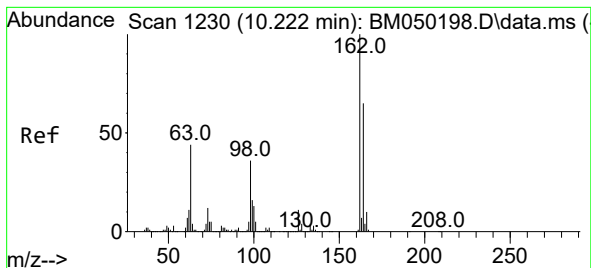
Tgt Ion:122 Resp: 817879
Ion Ratio Lower Upper
122 100
107 116.2 91.0 136.6
121 59.3 45.8 68.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.341 ng
RT: 9.986 min Scan# 1190
Delta R.T. -0.012 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

Tgt Ion: 93 Resp: 1138491
Ion Ratio Lower Upper
93 100
95 32.0 26.2 39.4
123 11.3 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 42.744 ng

RT: 10.222 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050225.D

Acq: 06 Jun 2025 22:42

Instrument :

BNA_M

ClientSampleId :

PB168314BS

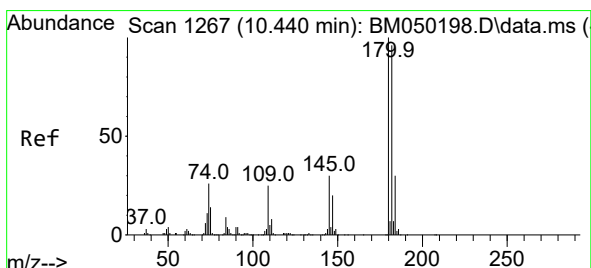
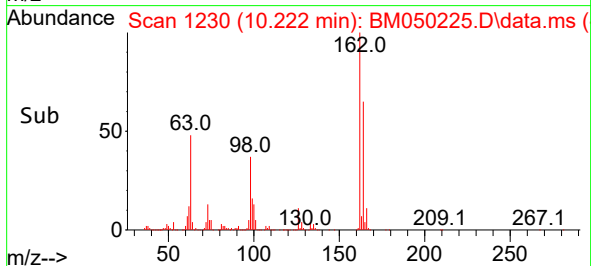
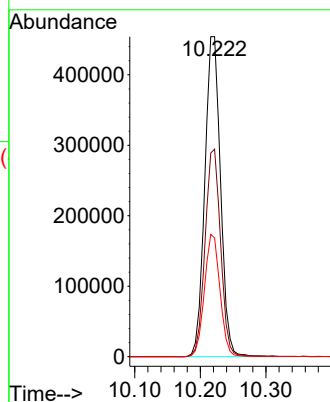
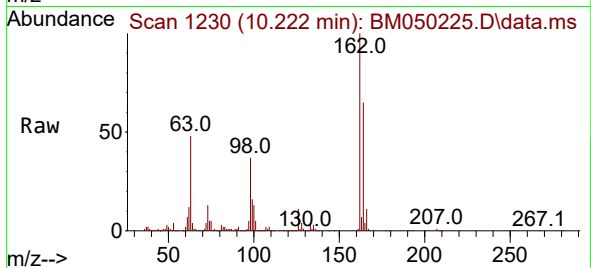
Tgt Ion:162 Resp: 760875

Ion Ratio Lower Upper

162 100

164 64.9 45.0 85.0

98 37.2 16.3 56.3



#30

1,2,4-Trichlorobenzene

Concen: 42.597 ng

RT: 10.439 min Scan# 1267

Delta R.T. -0.006 min

Lab File: BM050225.D

Acq: 06 Jun 2025 22:42

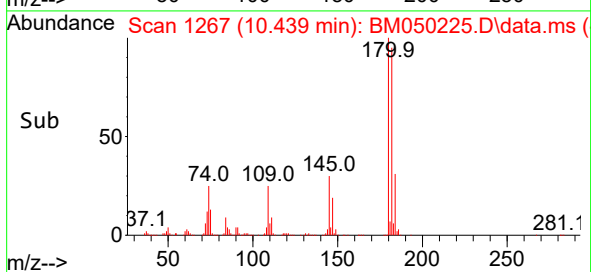
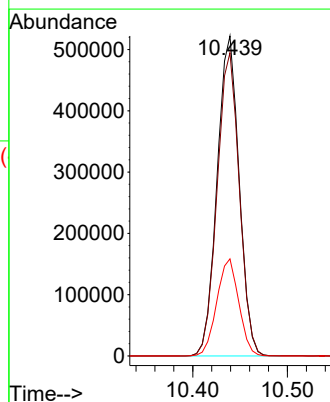
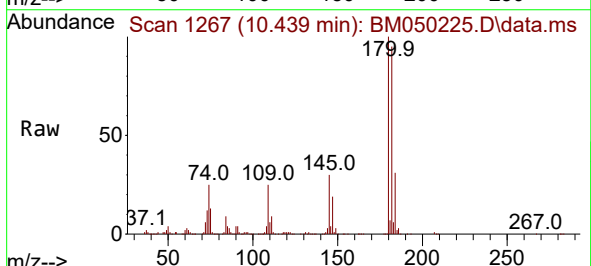
Tgt Ion:180 Resp: 843780

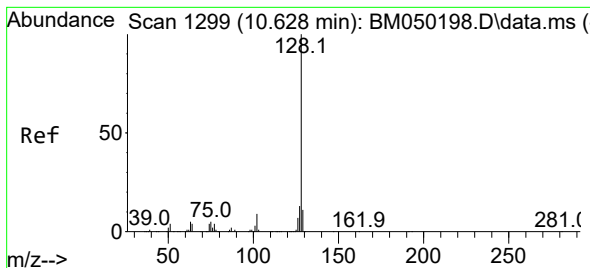
Ion Ratio Lower Upper

180 100

182 94.7 76.6 114.8

145 30.3 24.2 36.4

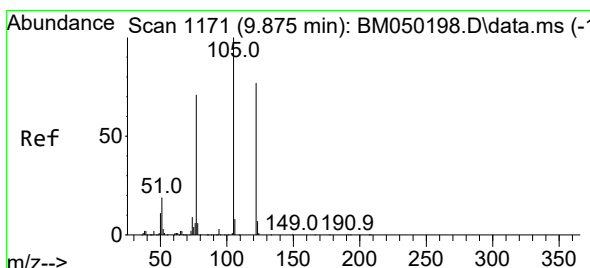
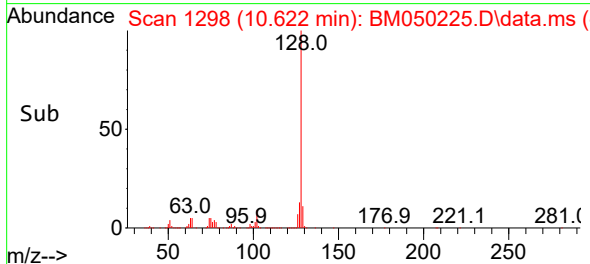
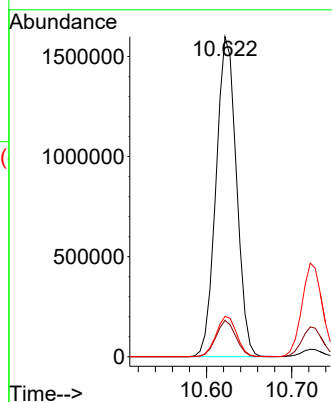
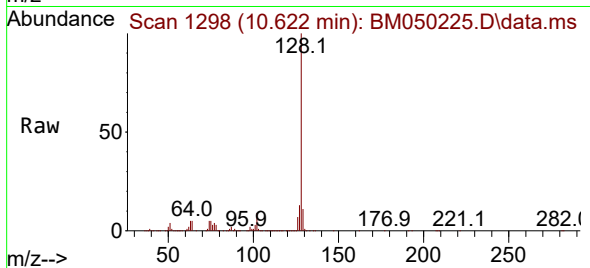




#31
Naphthalene
Concen: 41.513 ng
RT: 10.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

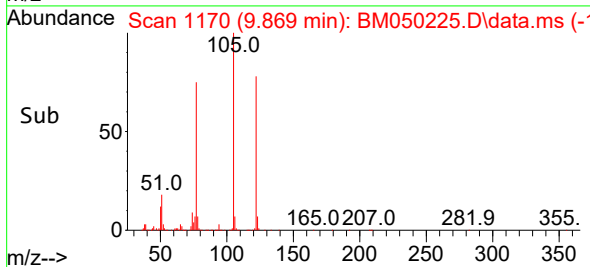
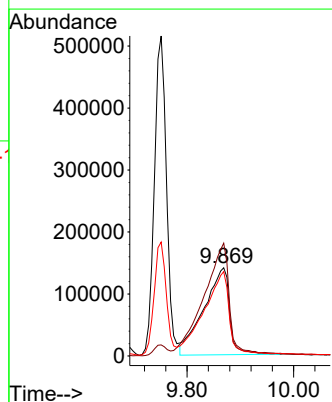
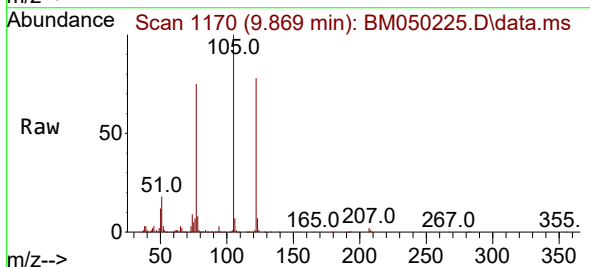
Instrument :
BNA_M
ClientSampleId :
PB168314BS

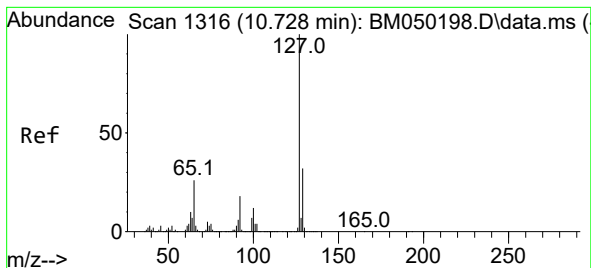
Tgt Ion:128 Resp: 2661898
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 12.6 10.2 15.4



#32
Benzoic acid
Concen: 39.068 ng
RT: 9.869 min Scan# 1170
Delta R.T. -0.047 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

Tgt Ion:122 Resp: 472275
Ion Ratio Lower Upper
122 100
105 128.1 103.4 143.4
77 95.8 70.3 110.3

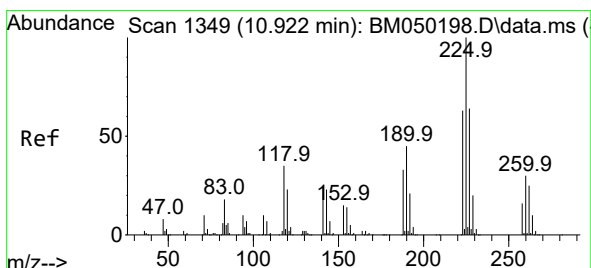
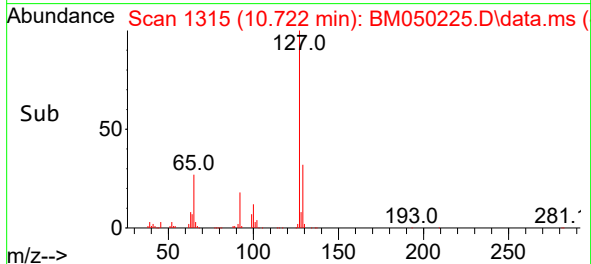
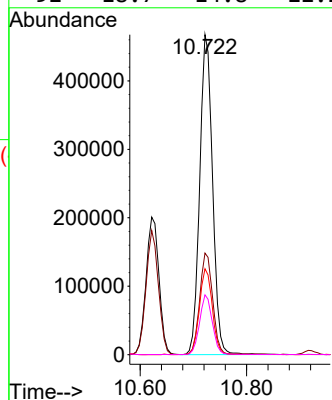
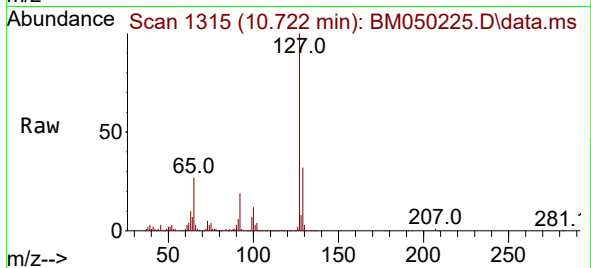




#33
4-Chloroaniline
Concen: 28.617 ng
RT: 10.722 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

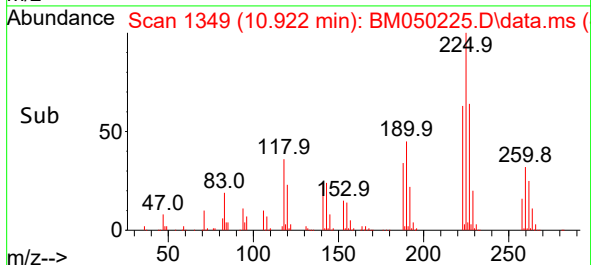
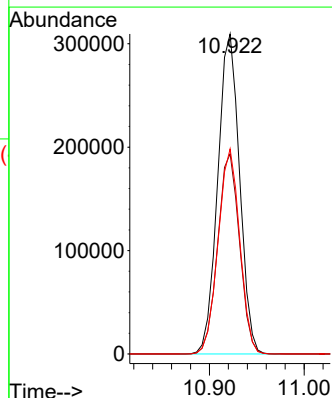
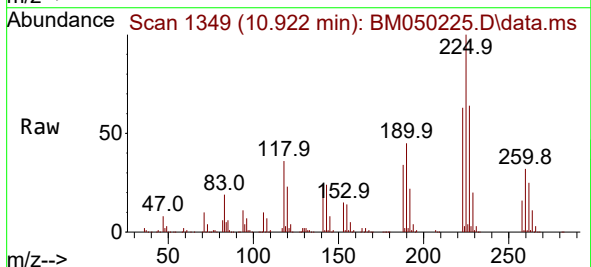
Instrument :
BNA_M
ClientSampleId :
PB168314BS

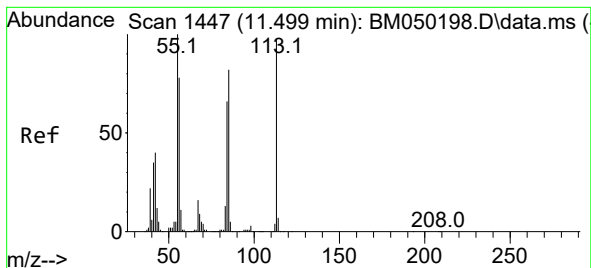
Tgt Ion:	127	Resp:	782333
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.4	38.0
65	26.8	21.0	31.4
92	18.7	14.8	22.2



#34
Hexachlorobutadiene
Concen: 42.020 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

Tgt Ion:	225	Resp:	495096
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.2	75.2
227	64.1	51.0	76.4





#35

Caprolactam

Concen: 39.308 ng

RT: 11.492 min Scan# 1447

Delta R.T. -0.030 min

Lab File: BM050225.D

Acq: 06 Jun 2025 22:42

Instrument :

BNA_M

ClientSampleId :

PB168314BS

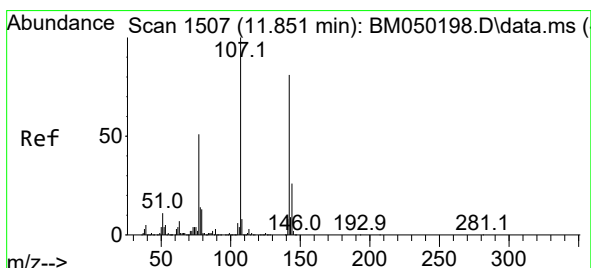
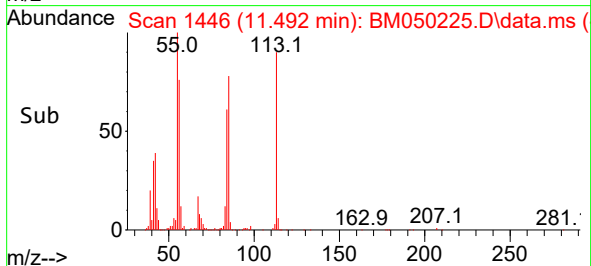
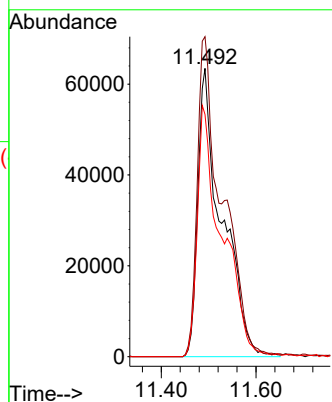
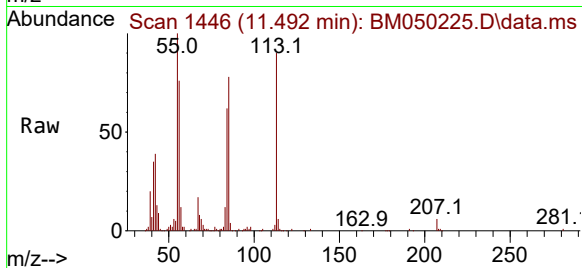
Tgt Ion:113 Resp: 221832

Ion Ratio Lower Upper

113 100

55 111.0 83.5 123.5

56 84.0 60.6 100.6



#36

4-Chloro-3-methylphenol

Concen: 41.427 ng

RT: 11.851 min Scan# 1507

Delta R.T. -0.006 min

Lab File: BM050225.D

Acq: 06 Jun 2025 22:42

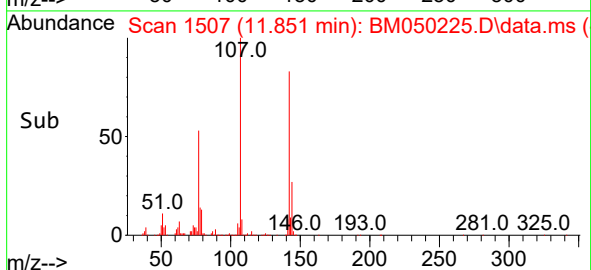
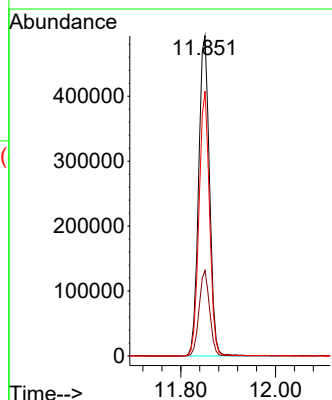
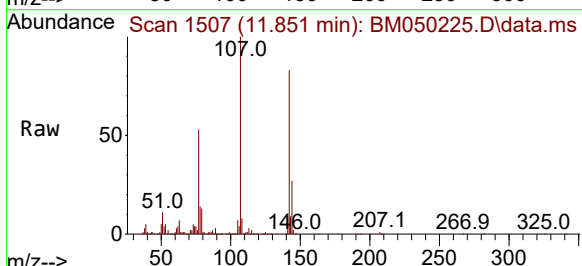
Tgt Ion:107 Resp: 786874

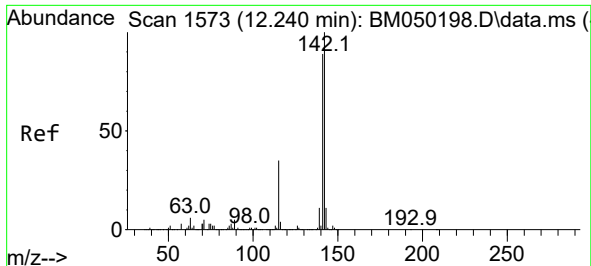
Ion Ratio Lower Upper

107 100

144 26.8 21.0 31.6

142 82.7 64.8 97.2





#37

2-Methylnaphthalene

Concen: 41.285 ng

RT: 12.233 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050225.D

Acq: 06 Jun 2025 22:42

Instrument :

BNA_M

ClientSampleId :

PB168314BS

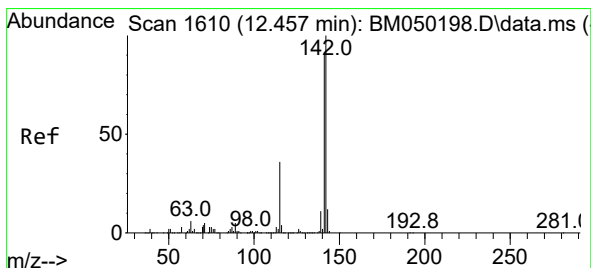
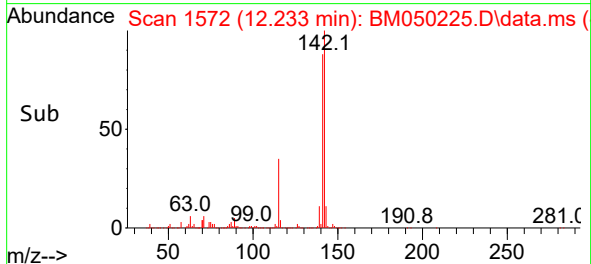
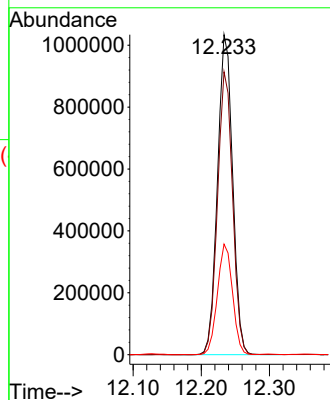
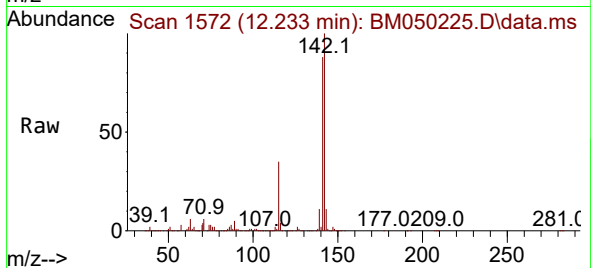
Tgt Ion:142 Resp: 1597034

Ion Ratio Lower Upper

142 100

141 88.4 71.5 107.3

115 34.6 27.8 41.8



#38

1-Methylnaphthalene

Concen: 40.721 ng

RT: 12.457 min Scan# 1610

Delta R.T. -0.006 min

Lab File: BM050225.D

Acq: 06 Jun 2025 22:42

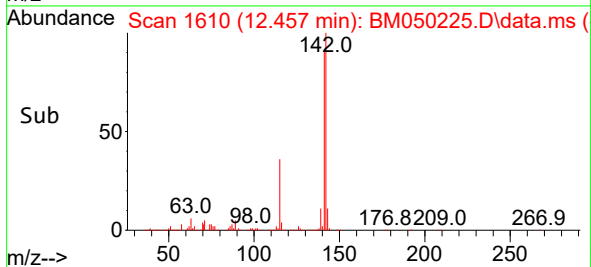
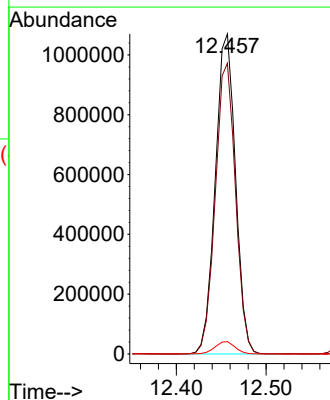
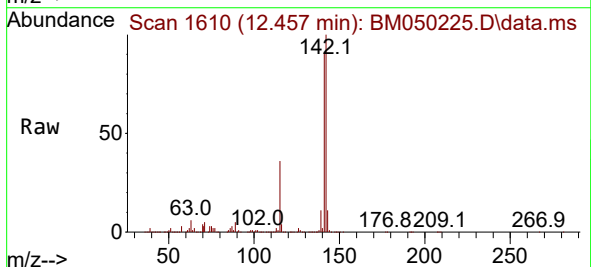
Tgt Ion:142 Resp: 1671891

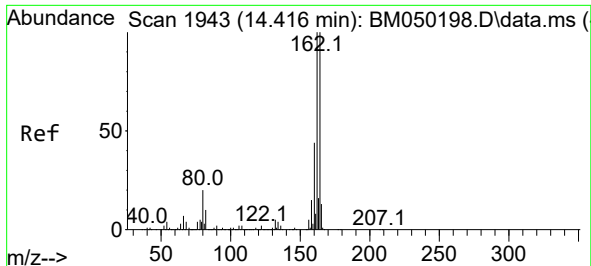
Ion Ratio Lower Upper

142 100

141 90.9 72.9 109.3

116 3.8 3.0 4.6

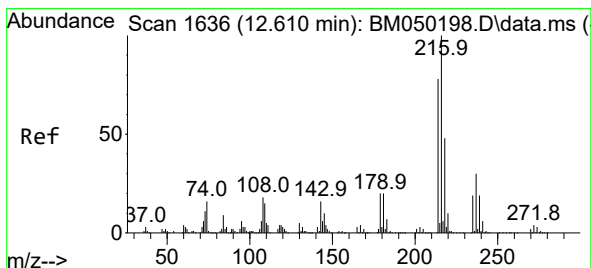
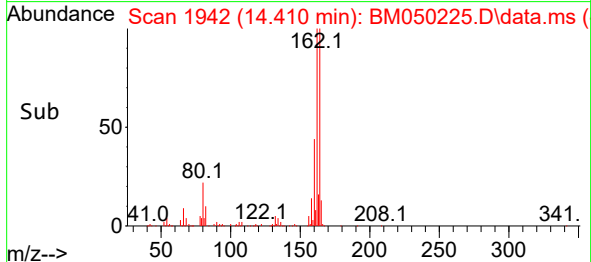
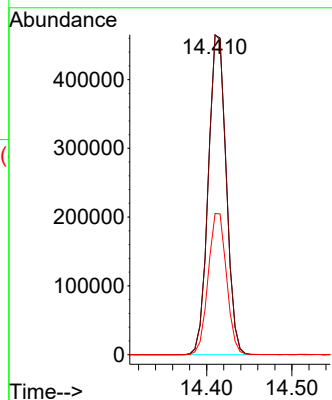
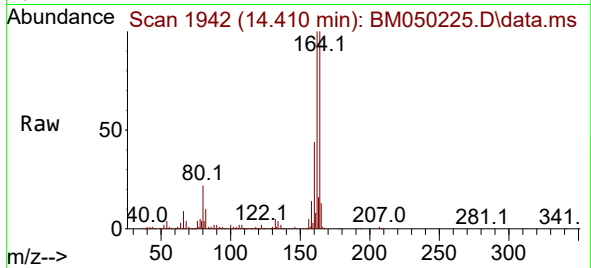




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

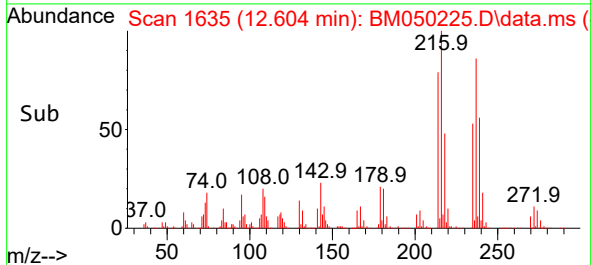
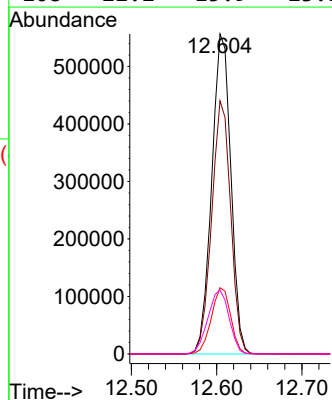
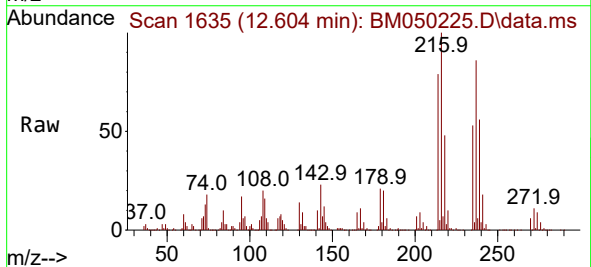
Instrument :
BNA_M
ClientSampleId :
PB168314BS

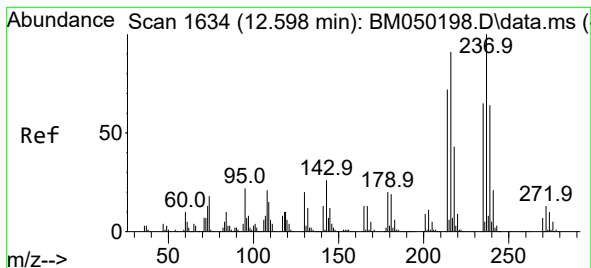
Tgt Ion:164 Resp: 678136
Ion Ratio Lower Upper
164 100
162 100.2 80.2 120.4
160 44.2 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.223 ng
RT: 12.604 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

Tgt Ion:216 Resp: 865976
Ion Ratio Lower Upper
216 100
214 78.6 63.0 94.4
179 21.0 16.6 25.0
108 22.2 15.9 23.9

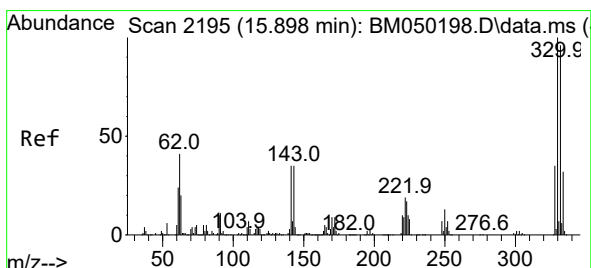
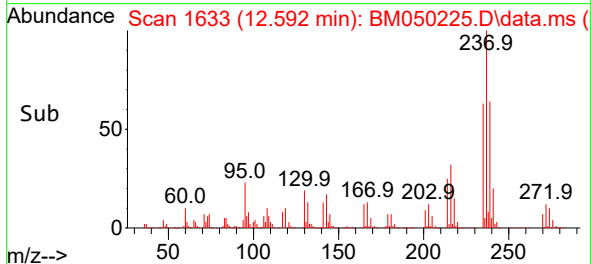
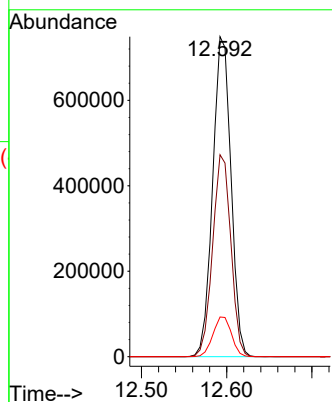
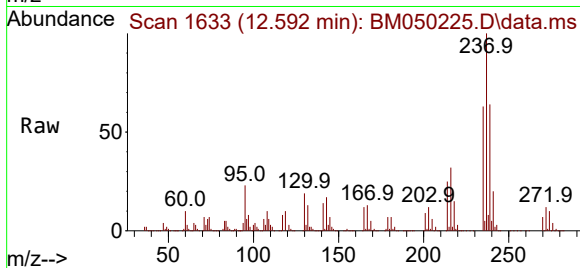




#41
Hexachlorocyclopentadiene
Concen: 93.740 ng
RT: 12.592 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

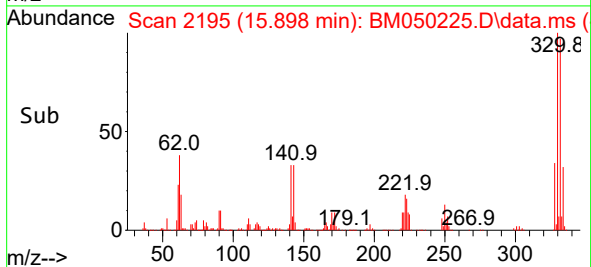
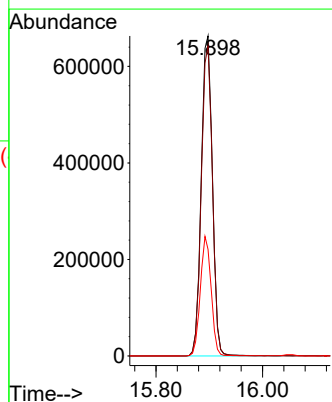
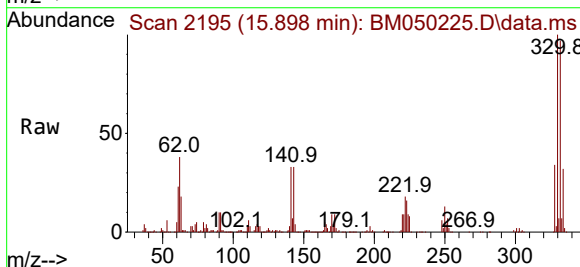
Instrument :
BNA_M
ClientSampleId :
PB168314BS

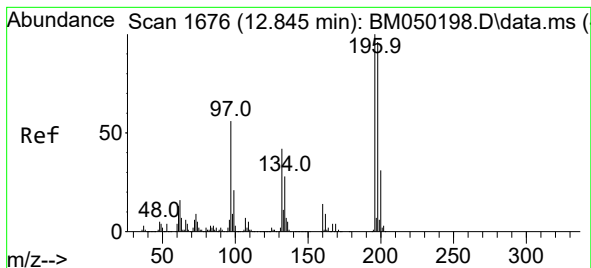
Tgt Ion:237 Resp: 1114762
Ion Ratio Lower Upper
237 100
235 63.1 44.6 84.6
272 12.4 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 124.711 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

Tgt Ion:330 Resp: 961933
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 36.4 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 44.712 ng

RT: 12.839 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050225.D

Acq: 06 Jun 2025 22:42

Instrument :

BNA_M

ClientSampleId :

PB168314BS

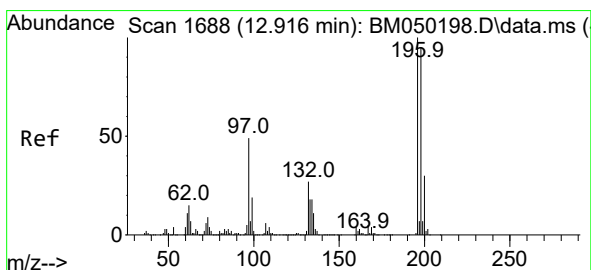
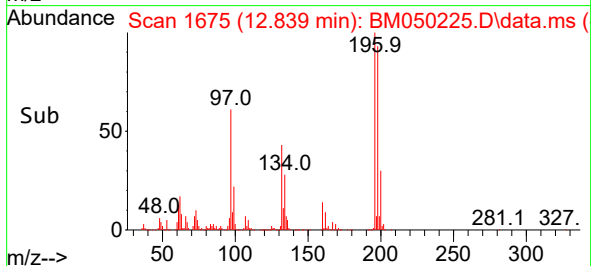
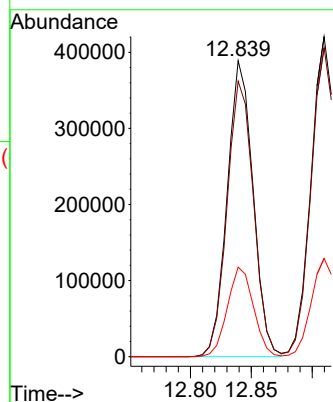
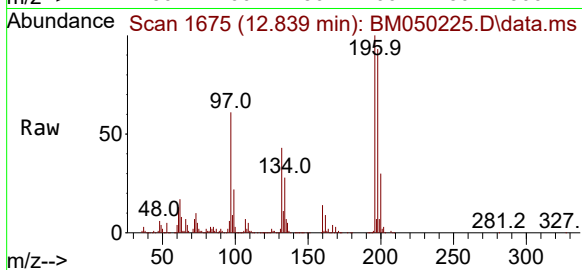
Tgt Ion:196 Resp: 575768

Ion Ratio Lower Upper

196 100

198 93.1 76.6 115.0

200 30.3 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 44.063 ng

RT: 12.910 min Scan# 1687

Delta R.T. -0.006 min

Lab File: BM050225.D

Acq: 06 Jun 2025 22:42

Tgt Ion:196 Resp: 622993

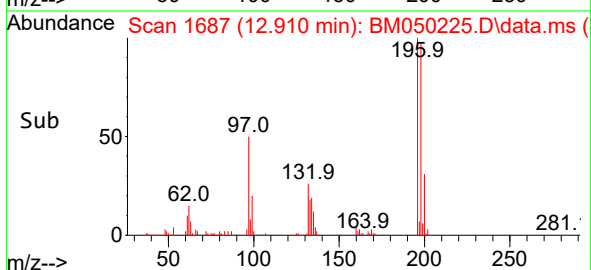
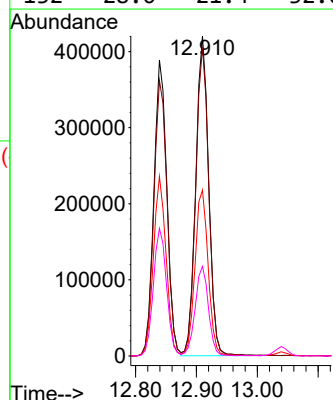
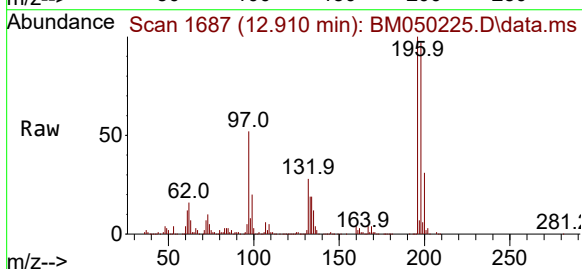
Ion Ratio Lower Upper

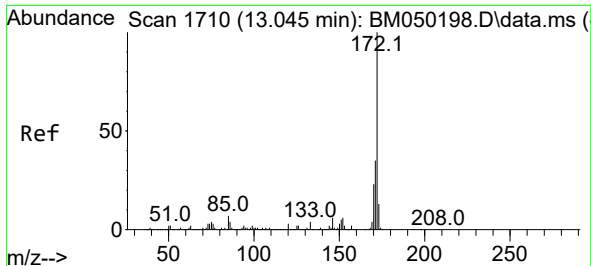
196 100

198 96.5 76.1 114.1

97 51.9 39.3 58.9

132 28.0 21.4 32.0

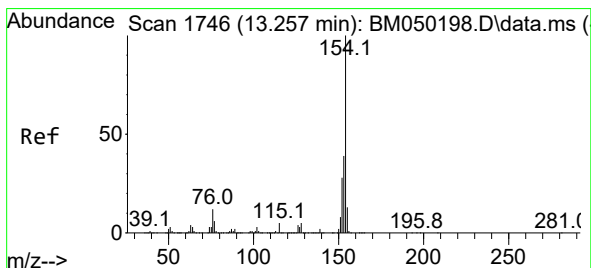
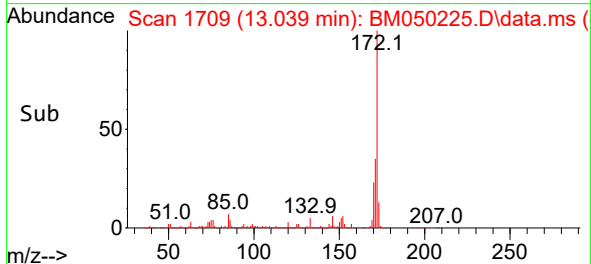
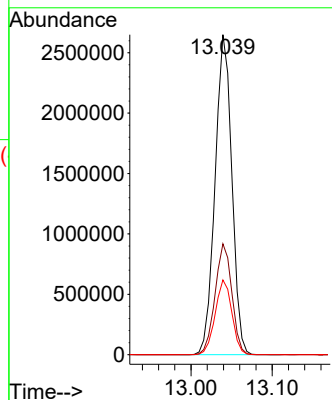
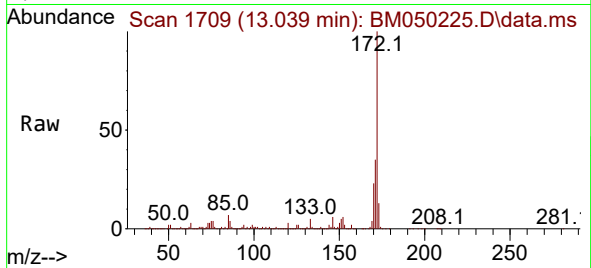




#45
2-Fluorobiphenyl
Concen: 75.980 ng
RT: 13.039 min Scan# 1710
Delta R.T. -0.012 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

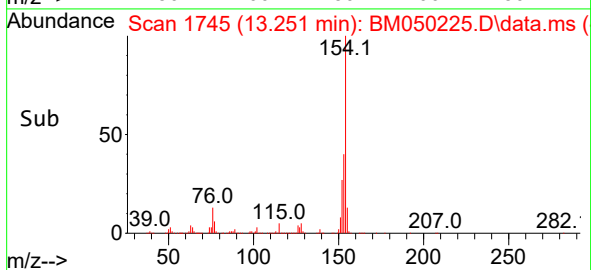
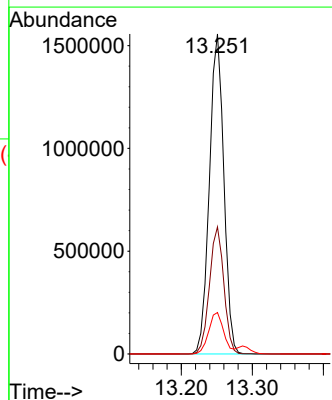
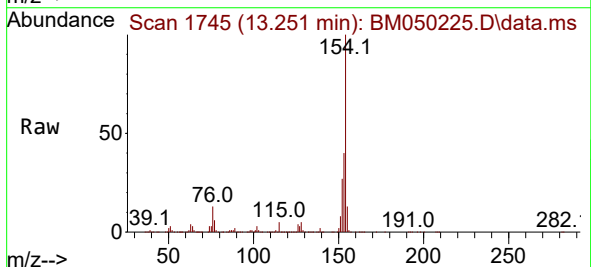
Instrument :
BNA_M
ClientSampleId :
PB168314BS

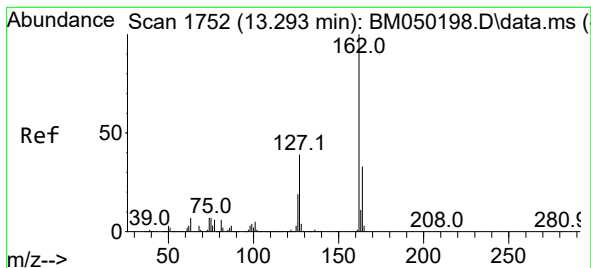
Tgt Ion:172 Resp: 3805803
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.4 18.6 27.8



#46
1,1'-Biphenyl
Concen: 43.316 ng
RT: 13.251 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

Tgt Ion:154 Resp: 2199497
Ion Ratio Lower Upper
154 100
153 39.7 19.2 59.2
76 12.9 0.0 32.0

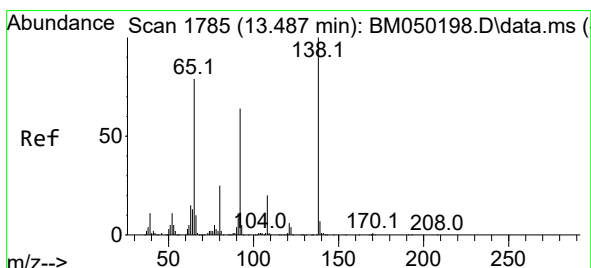
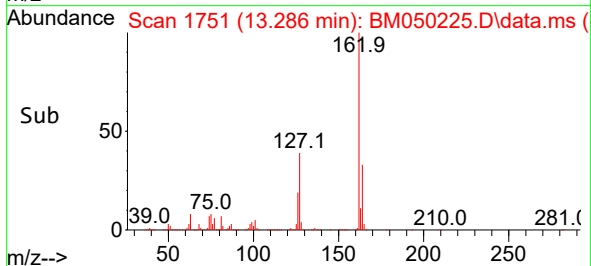
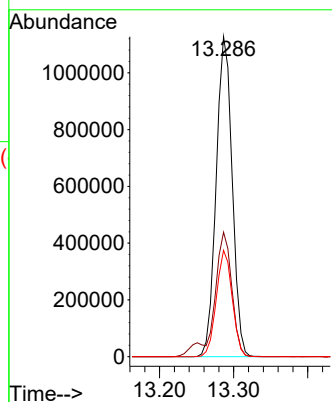
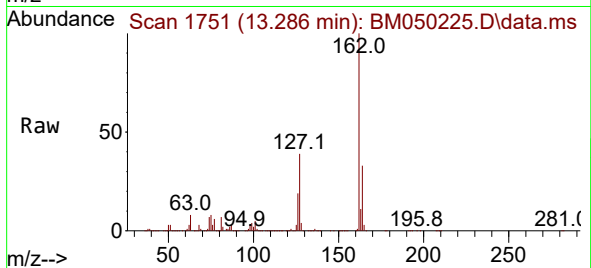




#47
2-Chloronaphthalene
Concen: 42.874 ng
RT: 13.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

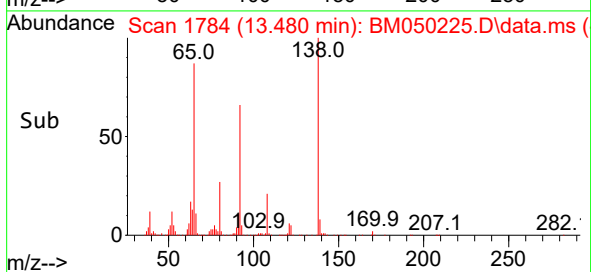
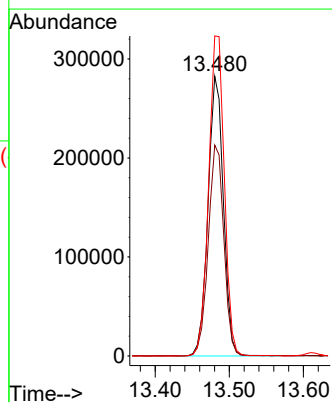
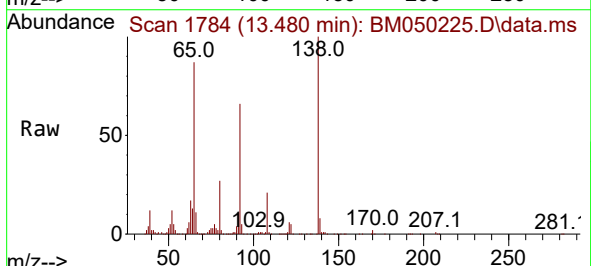
Instrument :
BNA_M
ClientSampleId :
PB168314BS

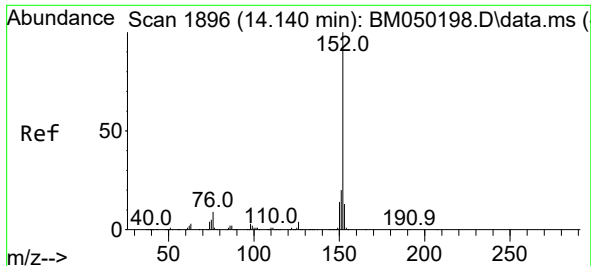
Tgt Ion:162 Resp: 1692510
Ion Ratio Lower Upper
162 100
127 38.9 31.1 46.7
164 33.2 26.5 39.7



#48
2-Nitroaniline
Concen: 46.868 ng
RT: 13.480 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

Tgt Ion: 65 Resp: 407164
Ion Ratio Lower Upper
65 100
92 75.4 64.2 96.4
138 114.4 101.0 151.4

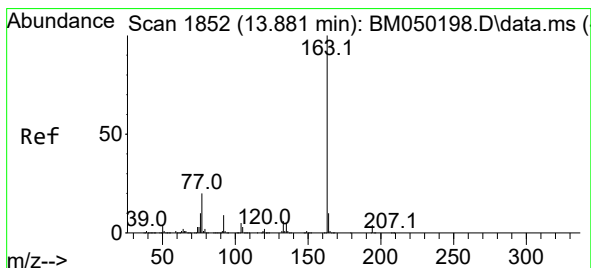
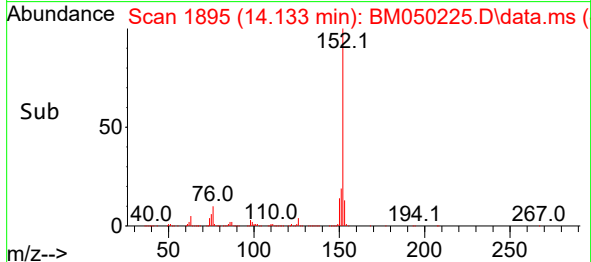
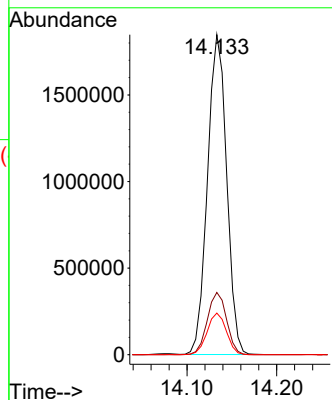
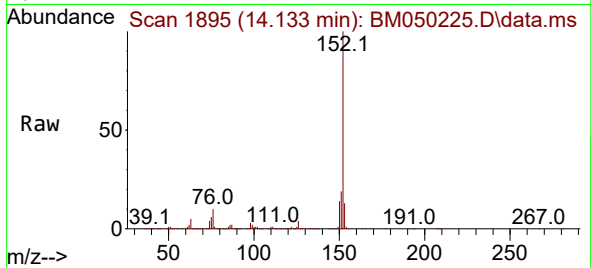




#49
Acenaphthylene
Concen: 42.926 ng
RT: 14.133 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

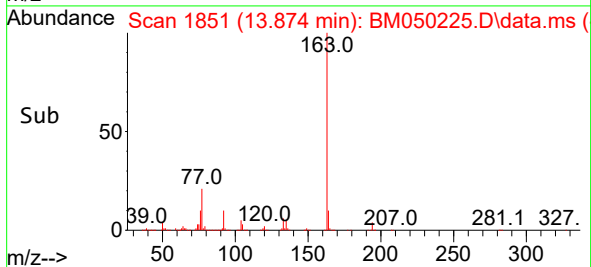
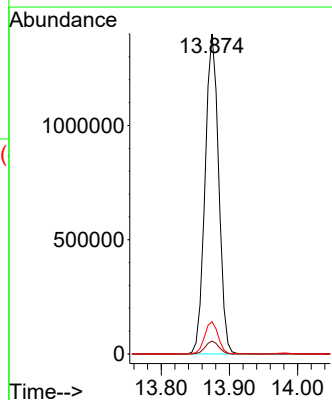
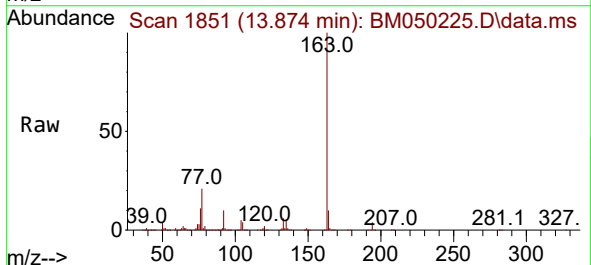
Instrument :
BNA_M
ClientSampleId :
PB168314BS

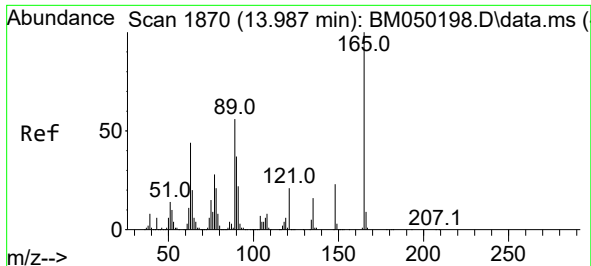
Tgt Ion:152 Resp: 2740890
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.6
153 13.0 10.4 15.6



#50
Dimethylphthalate
Concen: 42.276 ng
RT: 13.874 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

Tgt Ion:163 Resp: 1938850
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 7.9 11.9

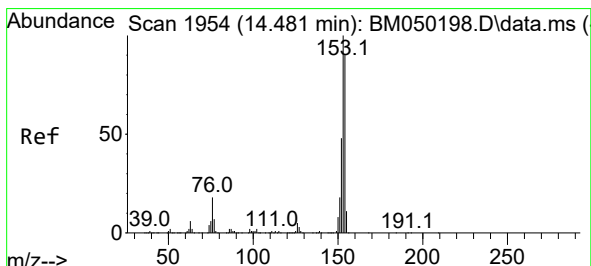
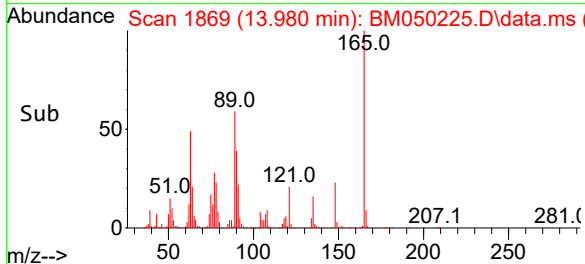
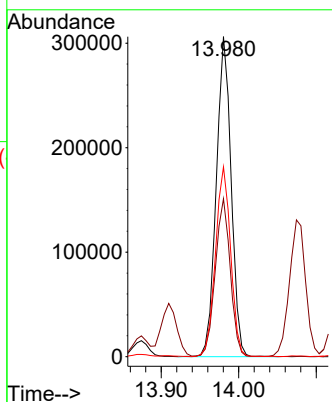
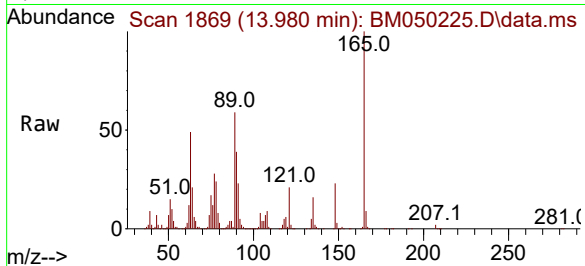




#51
2,6-Dinitrotoluene
Concen: 44.123 ng
RT: 13.980 min Scan# 1869
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

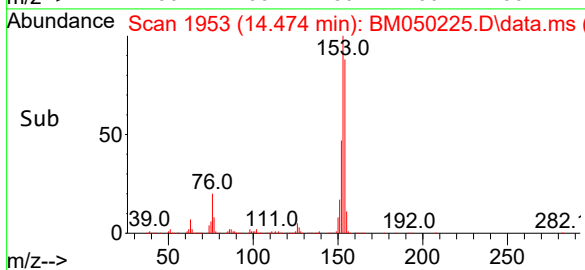
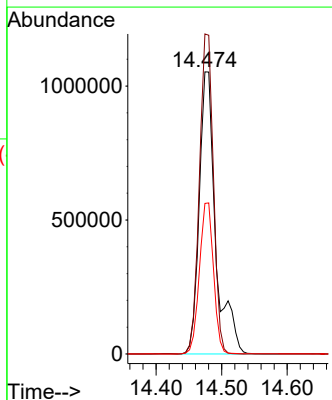
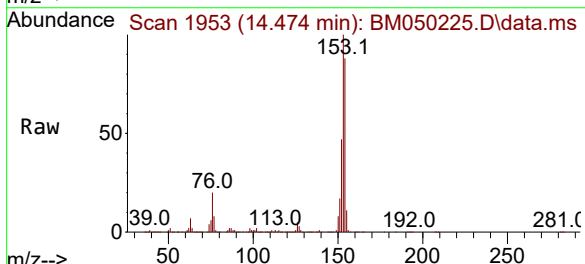
Instrument :
BNA_M
ClientSampleId :
PB168314BS

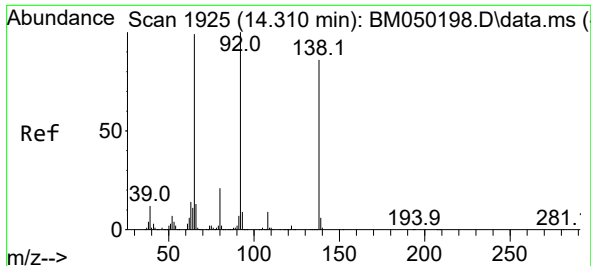
Tgt Ion:165 Resp: 408086
Ion Ratio Lower Upper
165 100
63 49.4 35.8 53.6
89 59.3 44.8 67.2



#52
Acenaphthene
Concen: 46.061 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.012 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

Tgt Ion:154 Resp: 1839565
Ion Ratio Lower Upper
154 100
153 113.4 88.7 133.1
152 53.4 42.6 63.8

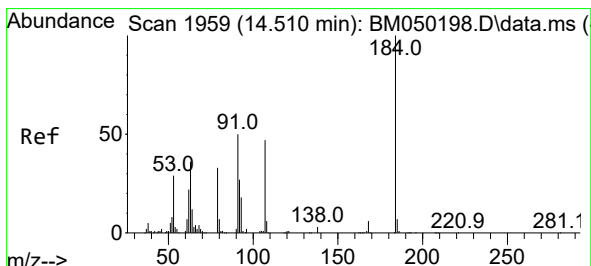
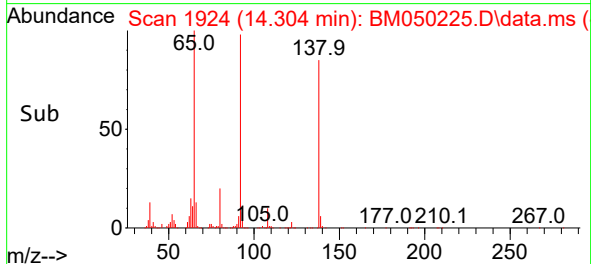
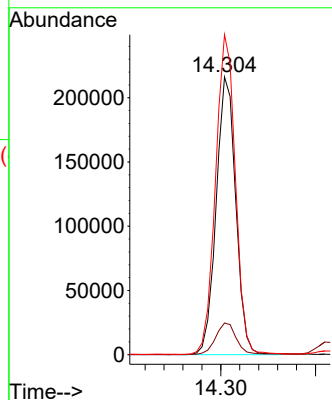
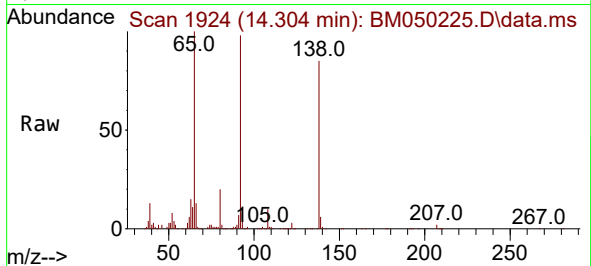




#53
3-Nitroaniline
Concen: 30.134 ng
RT: 14.304 min Scan# 1924
Delta R.T. -0.012 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

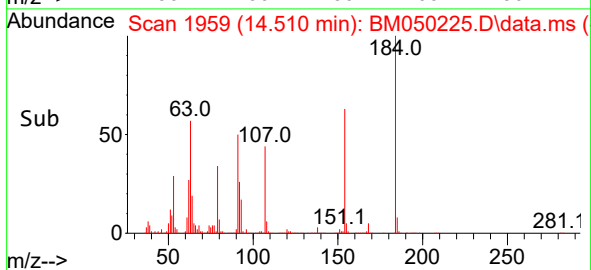
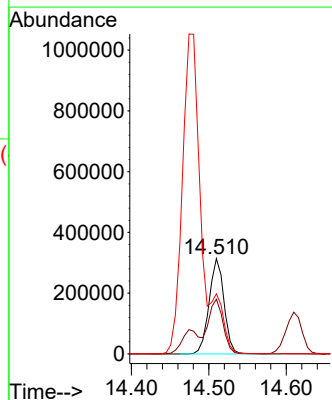
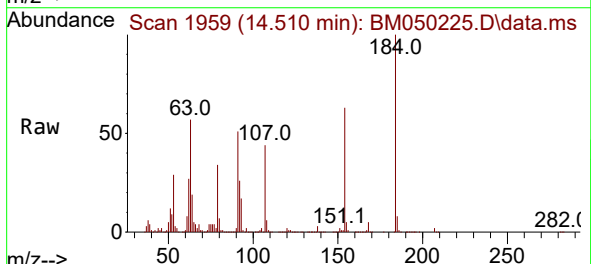
Instrument :
BNA_M
ClientSampleId :
PB168314BS

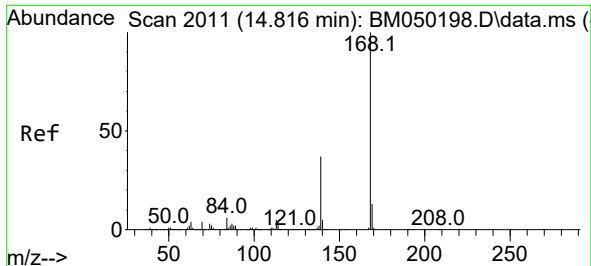
Tgt Ion:138 Resp: 310614
Ion Ratio Lower Upper
138 100
108 11.4 8.8 13.2
92 115.2 92.9 139.3



#54
2,4-Dinitrophenol
Concen: 77.017 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

Tgt Ion:184 Resp: 421817
Ion Ratio Lower Upper
184 100
63 57.4 45.3 67.9
154 63.1 54.3 81.5

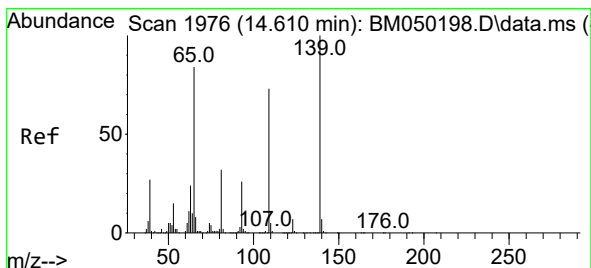
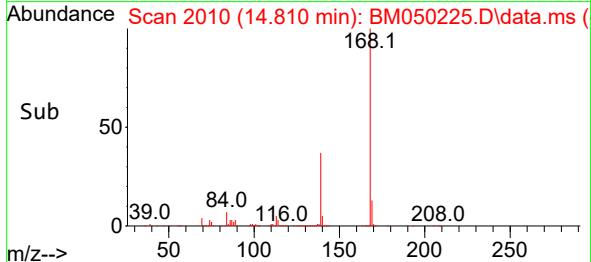
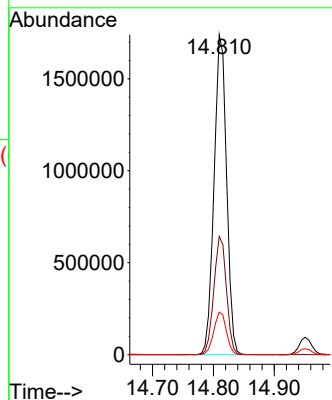
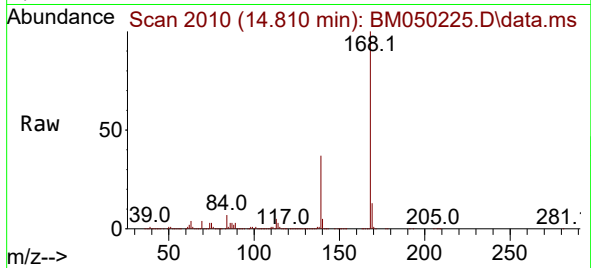




#55
Dibenzofuran
Concen: 42.490 ng
RT: 14.810 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

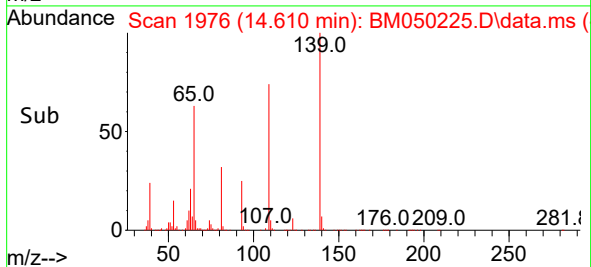
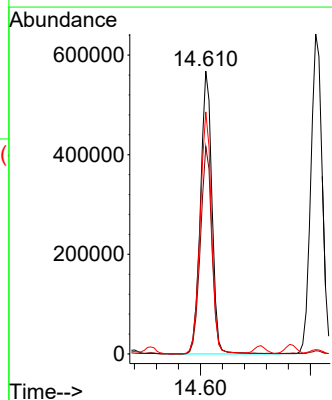
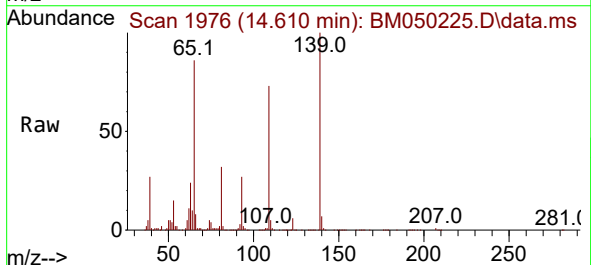
Instrument :
BNA_M
ClientSampleId :
PB168314BS

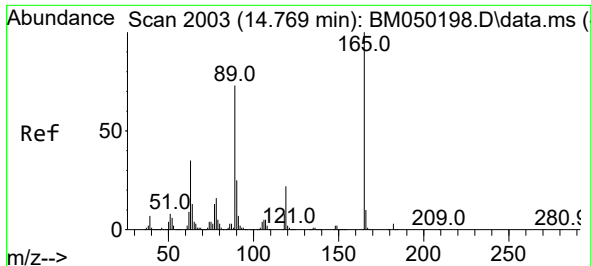
Tgt Ion:168 Resp: 2482632
Ion Ratio Lower Upper
168 100
139 36.9 29.9 44.9
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 94.241 ng
RT: 14.610 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

Tgt Ion:139 Resp: 826813
Ion Ratio Lower Upper
139 100
109 73.4 52.6 92.6
65 85.6 64.3 104.3

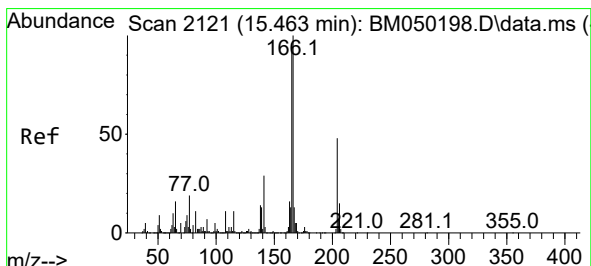
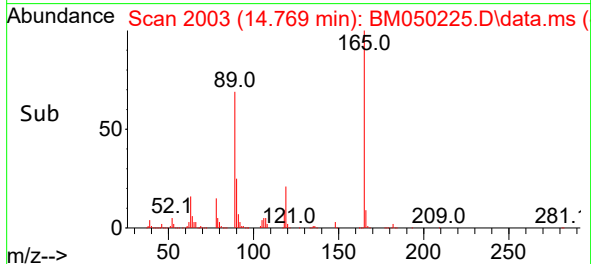
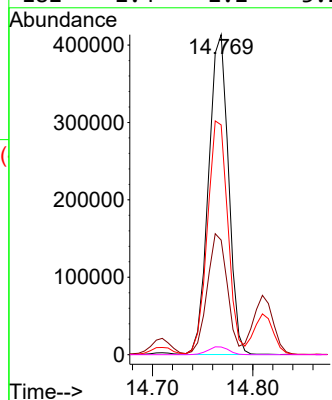
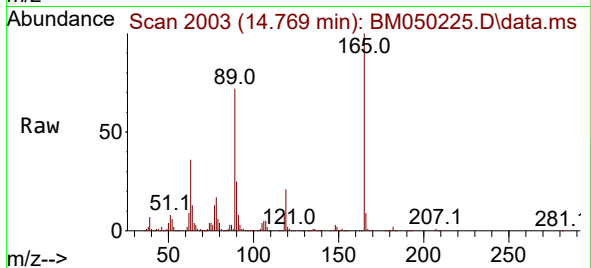




#57
2,4-Dinitrotoluene
Concen: 46.728 ng
RT: 14.769 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

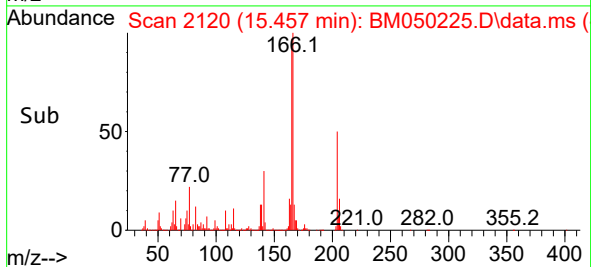
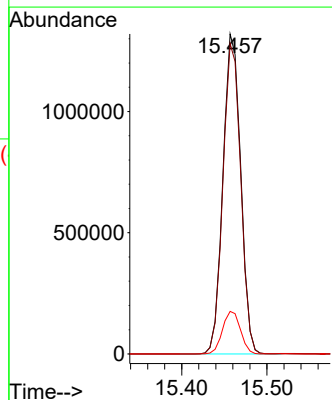
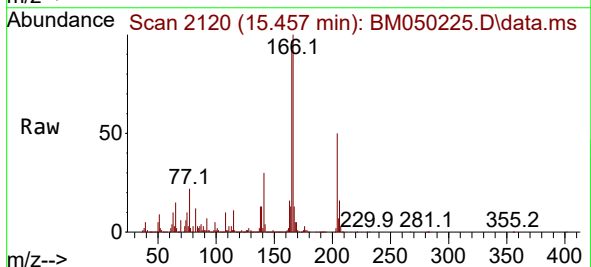
Instrument :
BNA_M
ClientSampleId :
PB168314BS

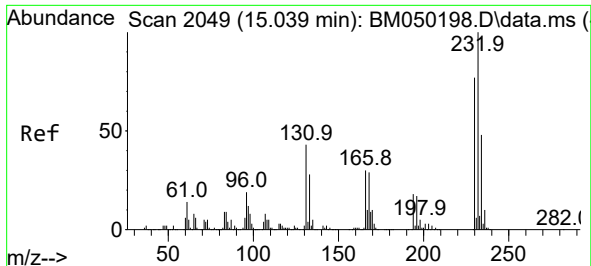
Tgt Ion:165 Resp: 570102
Ion Ratio Lower Upper
165 100
63 35.8 28.4 42.6
89 71.8 58.0 87.0
182 2.4 2.2 3.2



#58
Fluorene
Concen: 42.790 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

Tgt Ion:166 Resp: 1914923
Ion Ratio Lower Upper
166 100
165 97.0 77.0 115.4
167 13.3 10.7 16.1

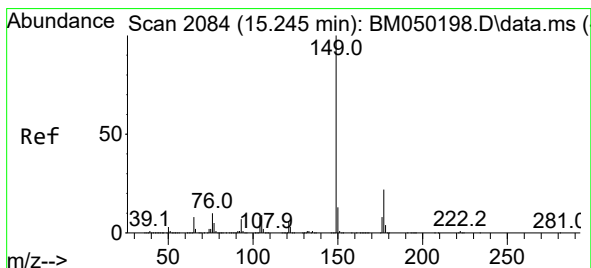
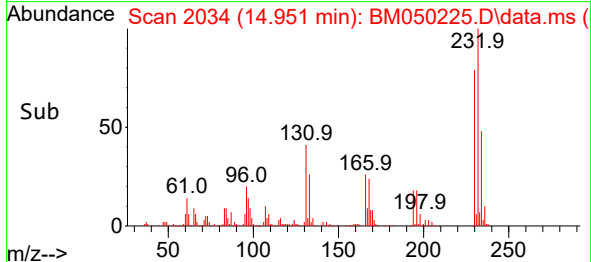
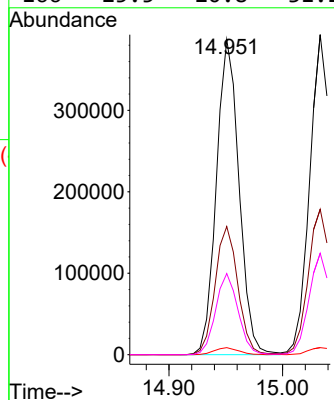
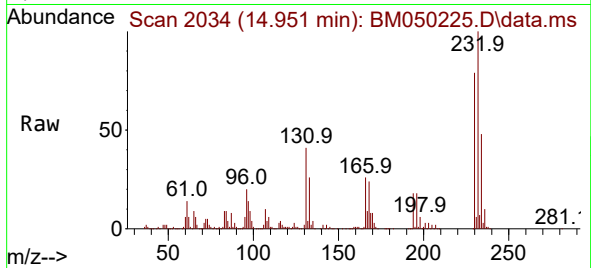




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.862 ng
RT: 14.951 min Scan# 2034
Delta R.T. -0.088 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

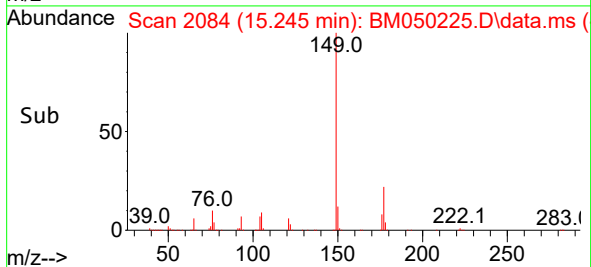
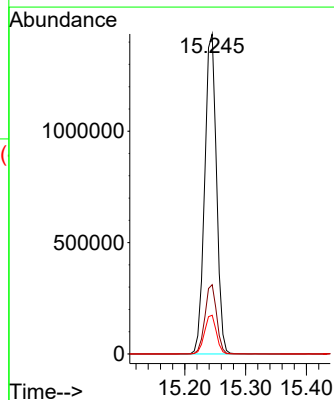
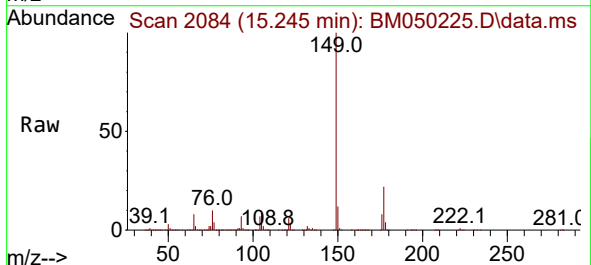
Instrument :
BNA_M
ClientSampleId :
PB168314BS

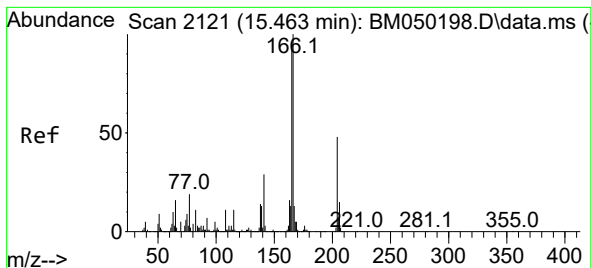
Tgt Ion:232 Resp: 536537
Ion Ratio Lower Upper
232 100
131 41.0 32.9 49.3
130 2.4 1.8 2.8
166 25.5 20.8 31.2



#60
Diethylphthalate
Concen: 42.517 ng
RT: 15.245 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

Tgt Ion:149 Resp: 1934726
Ion Ratio Lower Upper
149 100
177 21.6 17.2 25.8
150 12.1 10.0 15.0

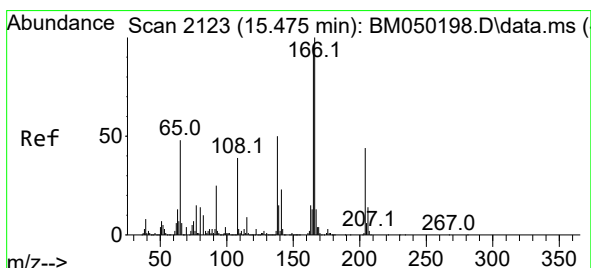
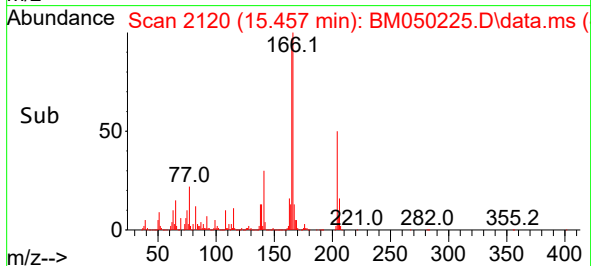
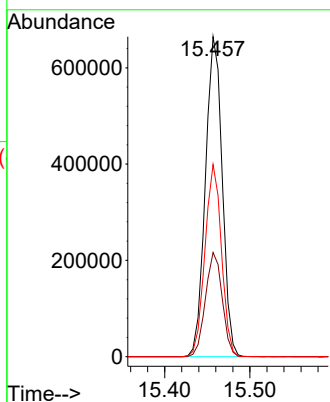
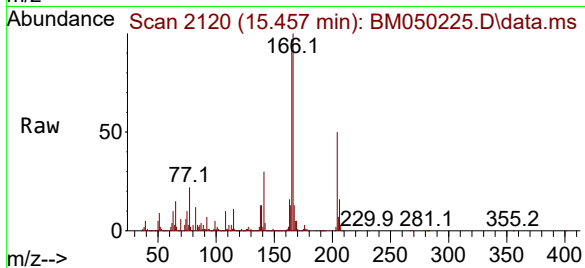




#61
4-Chlorophenyl-phenylether
Concen: 42.232 ng
RT: 15.457 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

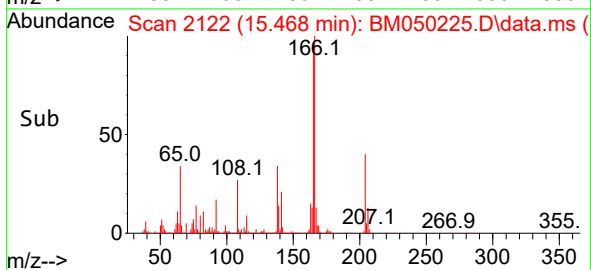
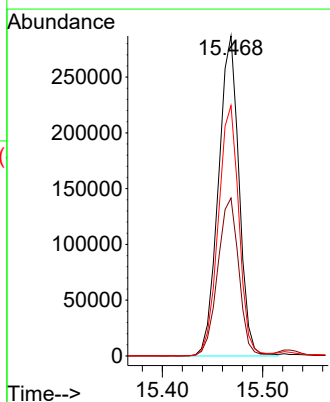
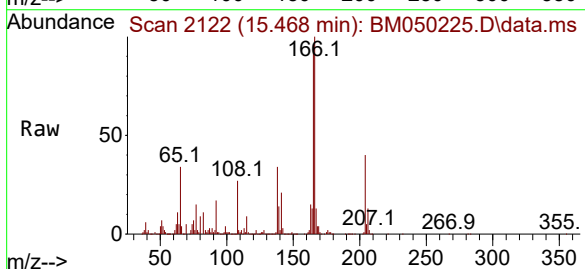
Instrument :
BNA_M
ClientSampleId :
PB168314BS

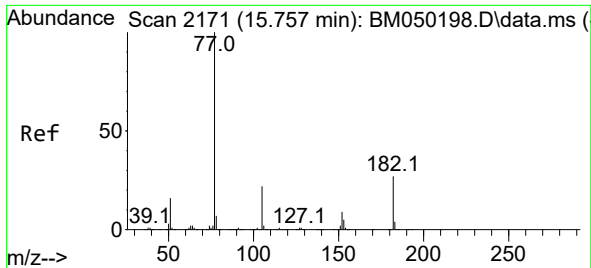
Tgt Ion:204 Resp: 913406
Ion Ratio Lower Upper
204 100
206 32.5 25.4 38.0
141 60.0 47.9 71.9



#62
4-Nitroaniline
Concen: 42.264 ng
RT: 15.468 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

Tgt Ion:138 Resp: 408318
Ion Ratio Lower Upper
138 100
92 49.4 28.8 68.8
108 78.3 58.1 98.1

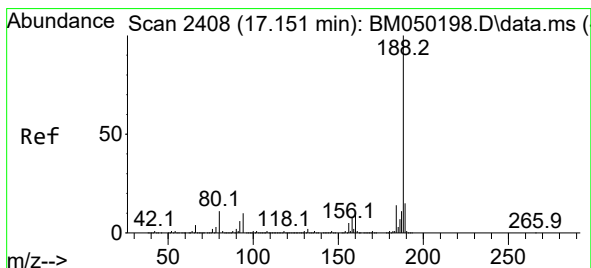
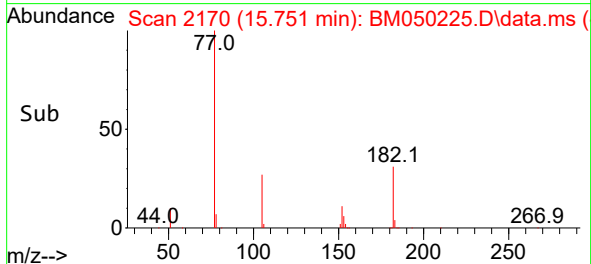
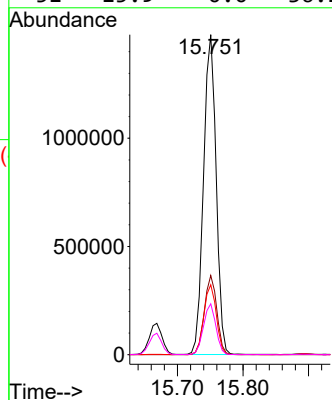
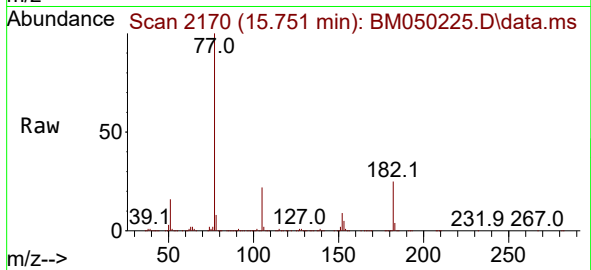




#63
Azobenzene
Concen: 43.472 ng
RT: 15.751 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

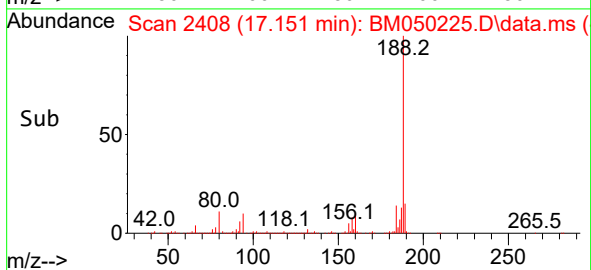
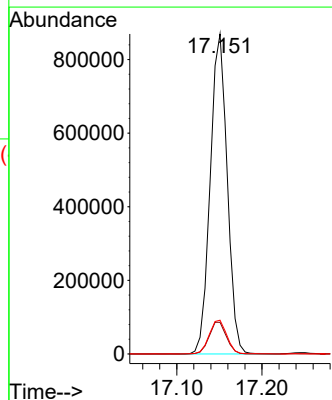
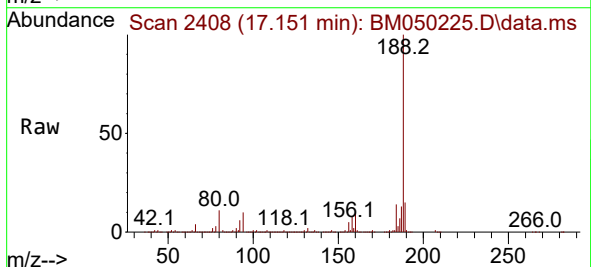
Instrument :
BNA_M
ClientSampleId :
PB168314BS

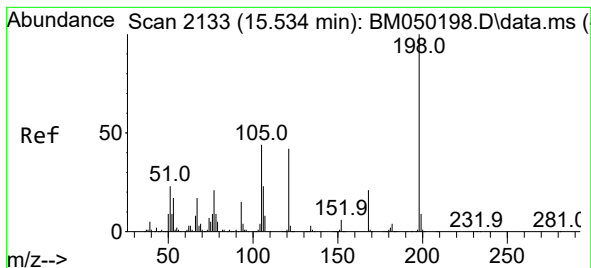
Tgt Ion: 77 Resp: 1977224
Ion Ratio Lower Upper
77 100
182 24.8 6.8 46.8
105 21.8 1.7 41.7
51 15.9 0.0 36.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

Tgt Ion:188 Resp: 1205402
Ion Ratio Lower Upper
188 100
94 9.9 8.1 12.1
80 10.6 8.6 13.0

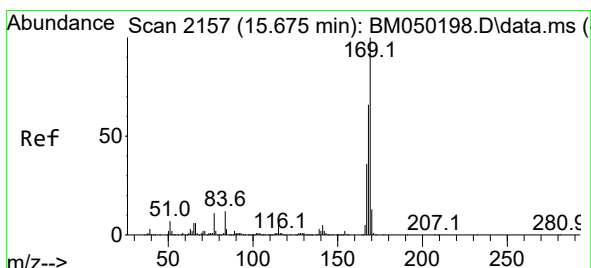
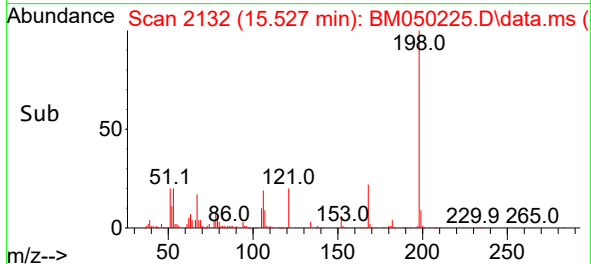
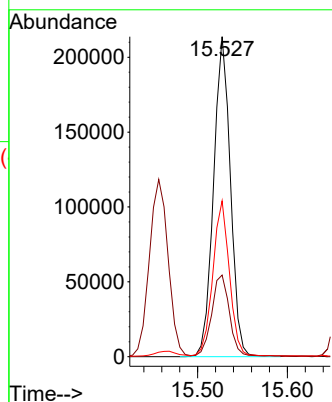
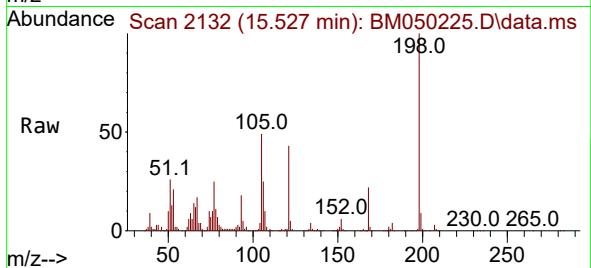




#65
4,6-Dinitro-2-methylphenol
Concen: 42.396 ng
RT: 15.527 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

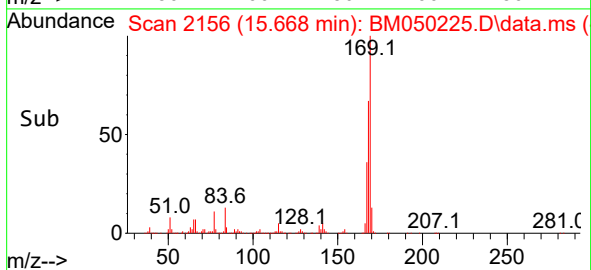
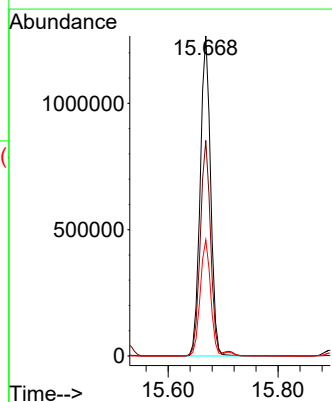
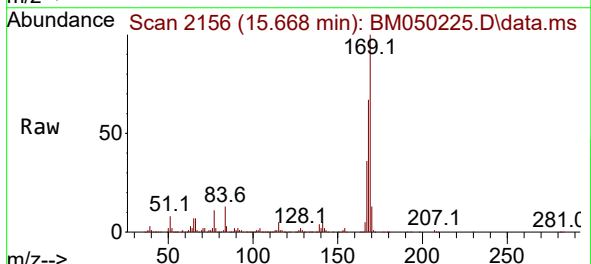
Instrument :
BNA_M
ClientSampleId :
PB168314BS

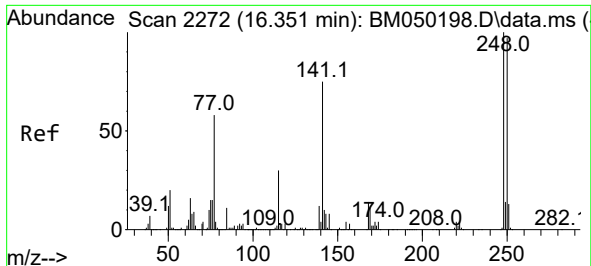
Tgt Ion:198 Resp: 279122
Ion Ratio Lower Upper
198 100
51 25.5 4.5 44.5
105 48.7 24.9 64.9



#66
n-Nitrosodiphenylamine
Concen: 43.961 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

Tgt Ion:169 Resp: 1664999
Ion Ratio Lower Upper
169 100
168 67.4 53.1 79.7
167 36.3 29.0 43.6

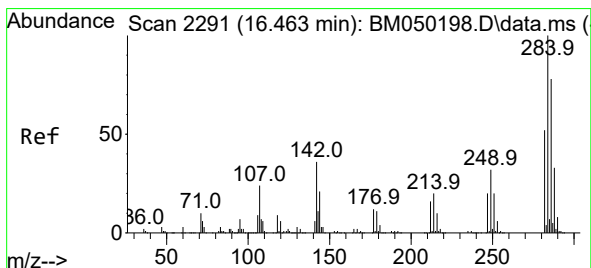
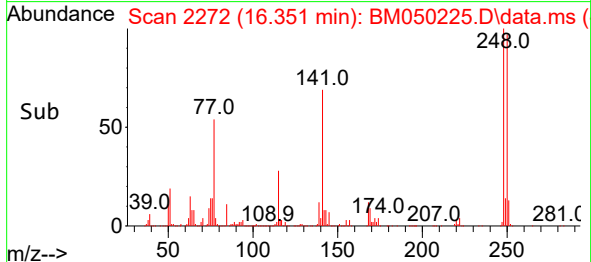
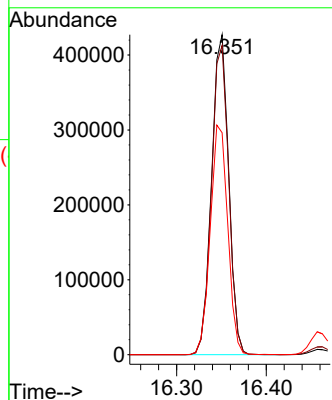
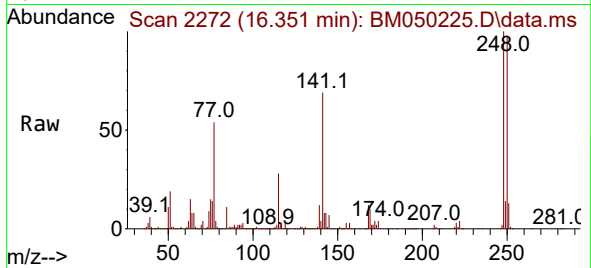




#67
4-Bromophenyl-phenylether
Concen: 44.051 ng
RT: 16.351 min Scan# 211
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

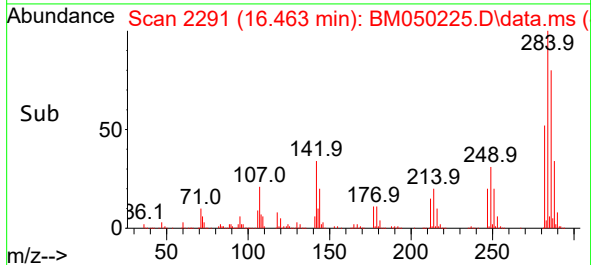
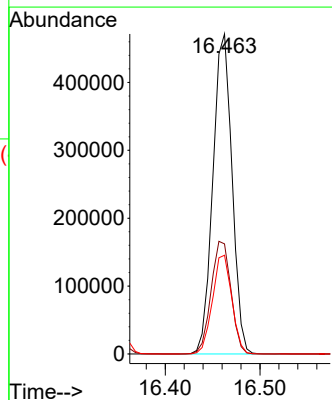
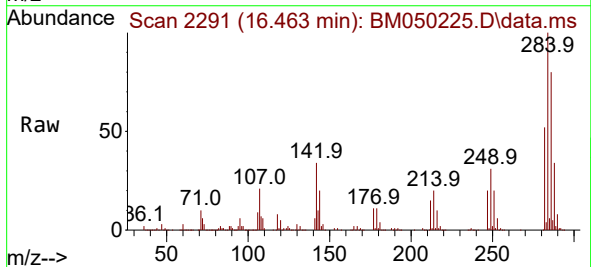
Instrument :
BNA_M
ClientSampleId :
PB168314BS

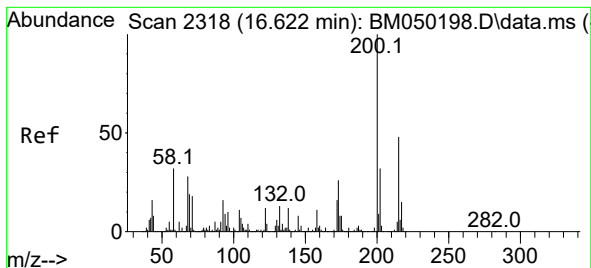
Tgt Ion:248 Resp: 566244
Ion Ratio Lower Upper
248 100
250 96.7 78.0 117.0
141 69.3 60.1 90.1



#68
Hexachlorobenzene
Concen: 43.992 ng
RT: 16.463 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

Tgt Ion:284 Resp: 660689
Ion Ratio Lower Upper
284 100
142 34.4 28.8 43.2
249 30.9 25.8 38.6





#69

Atrazine

Concen: 46.007 ng

RT: 16.621 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050225.D

Acq: 06 Jun 2025 22:42

Instrument :

BNA_M

ClientSampleId :

PB168314BS

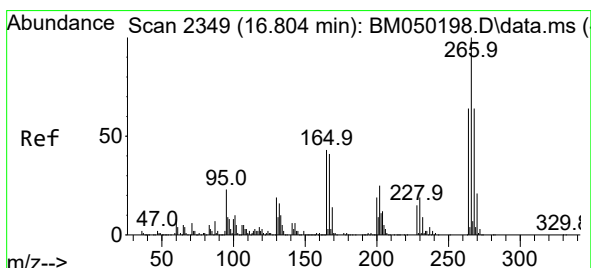
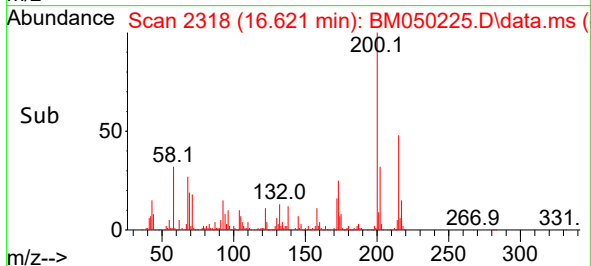
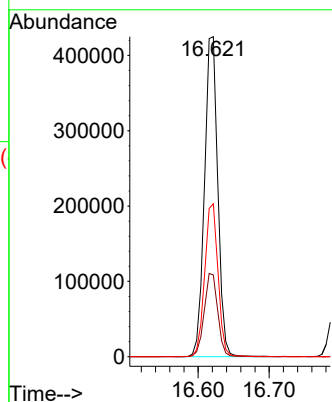
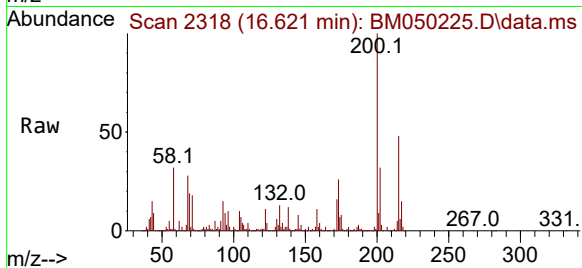
Tgt Ion:200 Resp: 555211

Ion Ratio Lower Upper

200 100

173 25.5 6.0 46.0

215 47.8 28.1 68.1



#70

Pentachlorophenol

Concen: 93.086 ng

RT: 16.798 min Scan# 2348

Delta R.T. -0.006 min

Lab File: BM050225.D

Acq: 06 Jun 2025 22:42

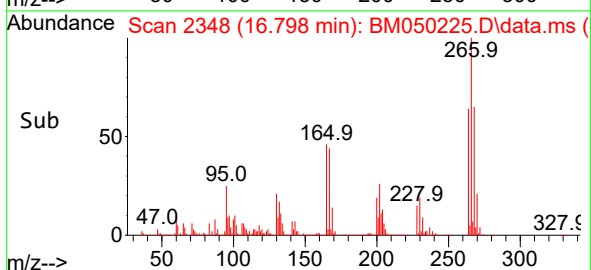
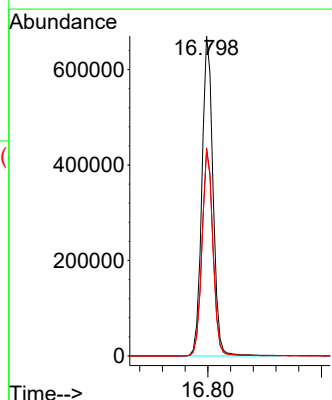
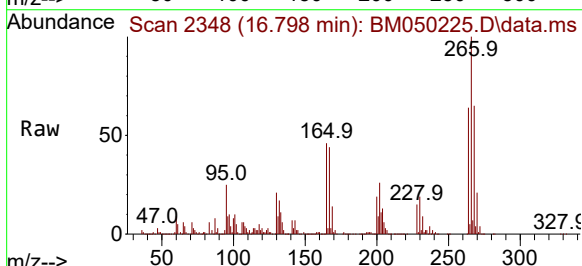
Tgt Ion:266 Resp: 908910

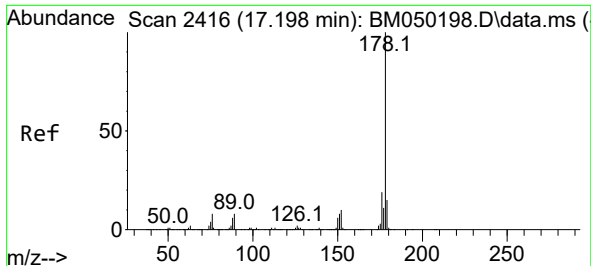
Ion Ratio Lower Upper

266 100

268 65.0 51.0 76.6

264 64.4 50.8 76.2

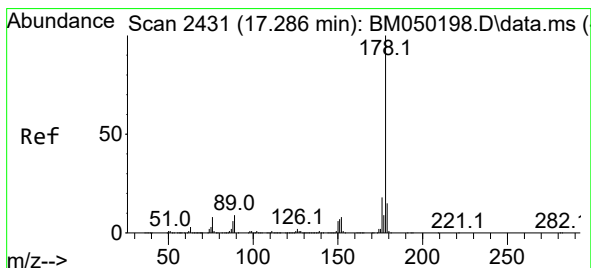
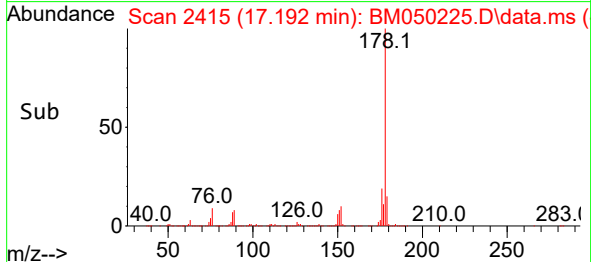
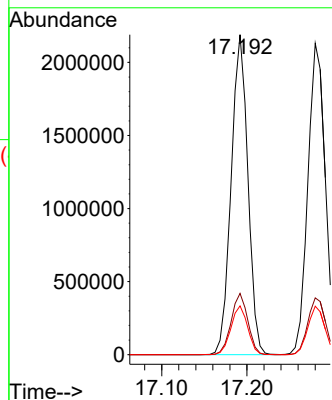
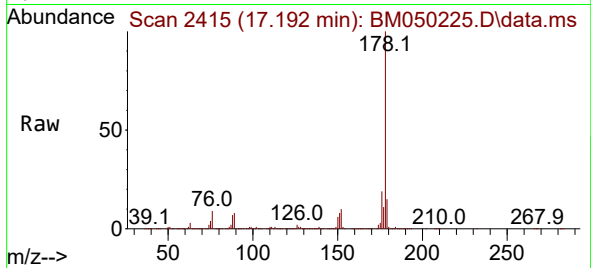




#71
Phenanthrene
Concen: 43.417 ng
RT: 17.192 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

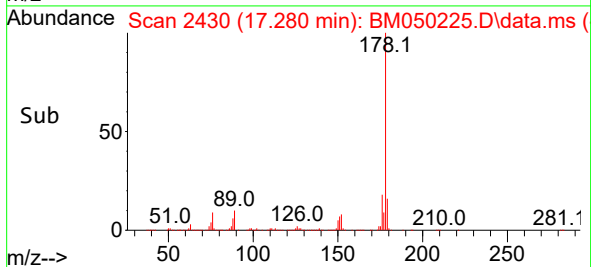
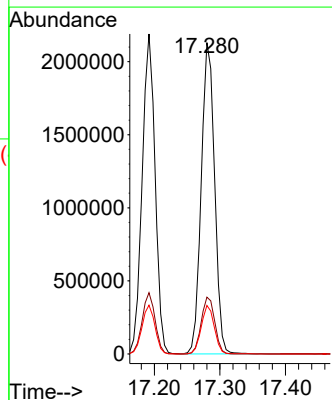
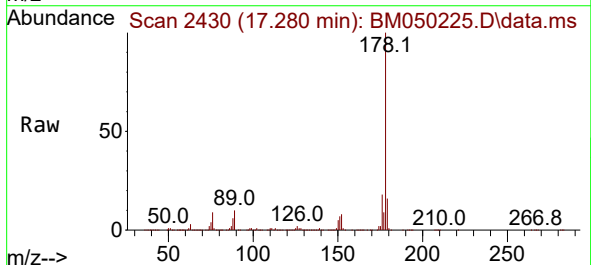
Instrument :
BNA_M
ClientSampleId :
PB168314BS

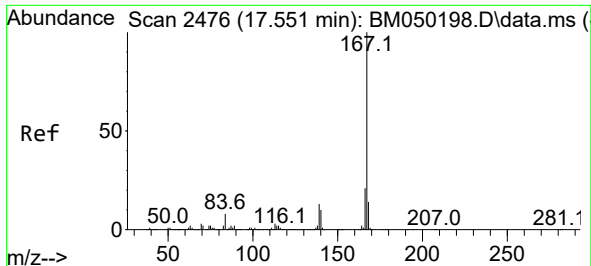
Tgt Ion:178 Resp: 2989719
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.2 12.3 18.5



#72
Anthracene
Concen: 43.915 ng
RT: 17.280 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BM050225.D
Acq: 06 Jun 2025 22:42

Tgt Ion:178 Resp: 3025223
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.6 12.3 18.5

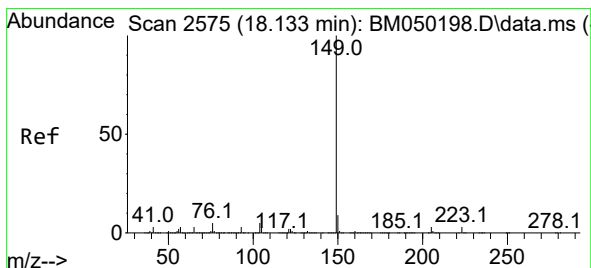
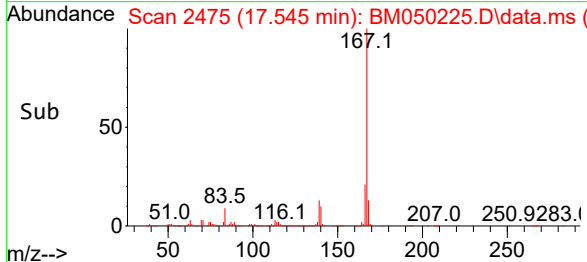
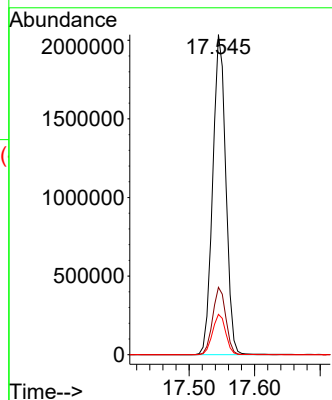
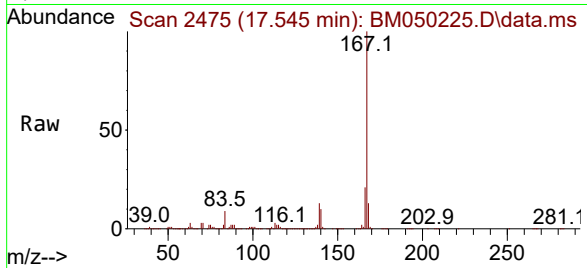




#73
 Carbazole
 Concen: 44.980 ng
 RT: 17.545 min Scan# 2476
 Delta R.T. -0.006 min
 Lab File: BM050225.D
 Acq: 06 Jun 2025 22:42

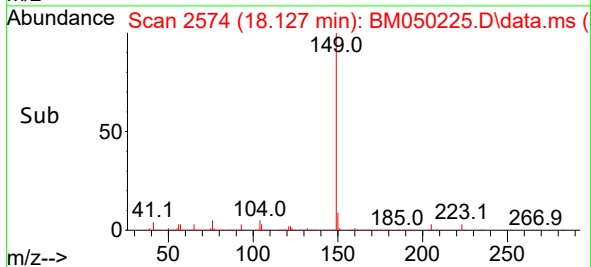
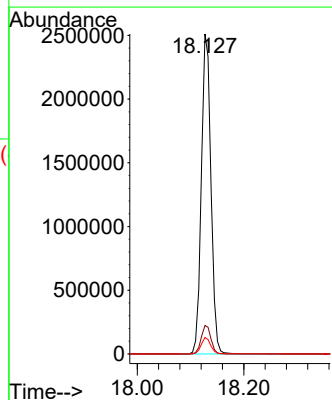
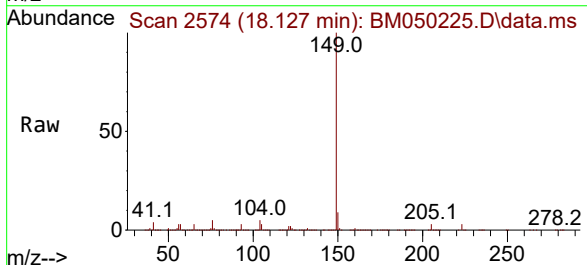
Instrument :
 BNA_M
 ClientSampleId :
 PB168314BS

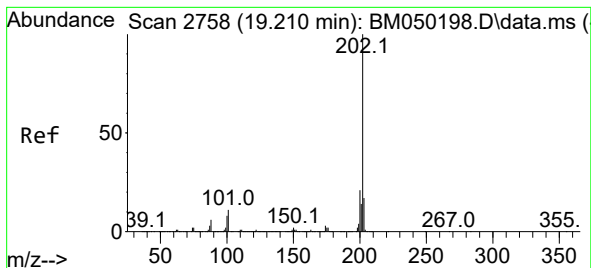
Tgt Ion:167 Resp: 2822868
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.6
 139 12.6 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 45.808 ng
 RT: 18.127 min Scan# 2574
 Delta R.T. -0.006 min
 Lab File: BM050225.D
 Acq: 06 Jun 2025 22:42

Tgt Ion:149 Resp: 3128027
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 5.2 4.0 6.0





#75

Fluoranthene

Concen: 45.282 ng

RT: 19.204 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050225.D

Acq: 06 Jun 2025 22:42

Instrument :

BNA_M

ClientSampleId :

PB168314BS

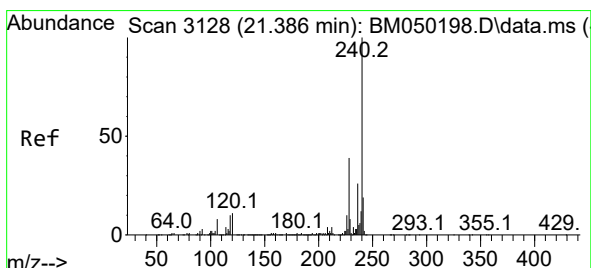
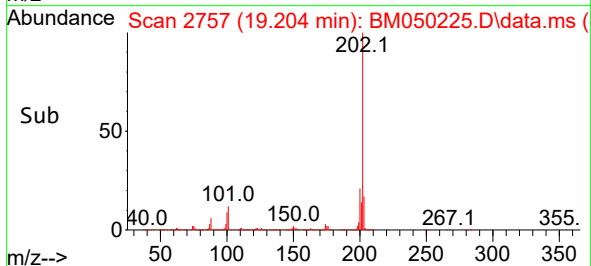
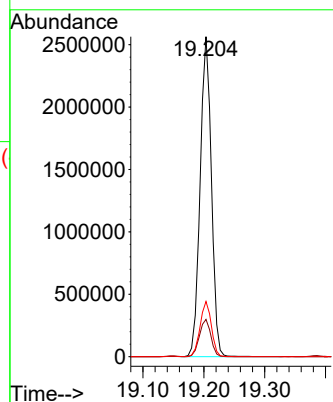
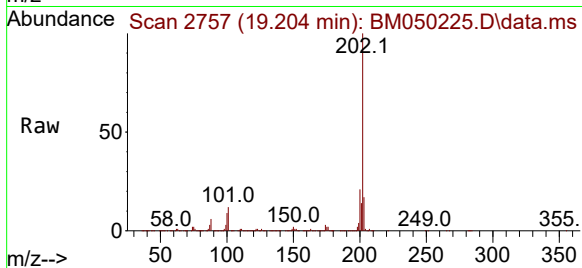
Tgt Ion:202 Resp: 3288288

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.1

203 17.2 0.0 37.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.374 min Scan# 3126

Delta R.T. -0.012 min

Lab File: BM050225.D

Acq: 06 Jun 2025 22:42

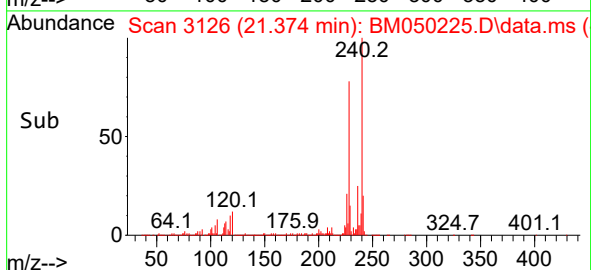
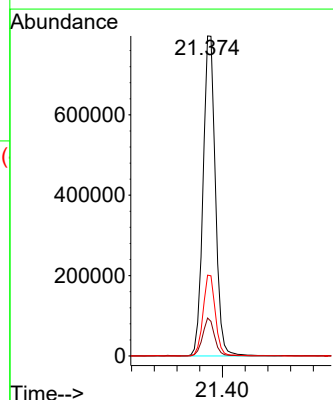
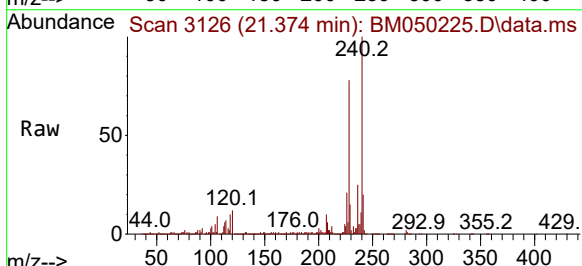
Tgt Ion:240 Resp: 1198193

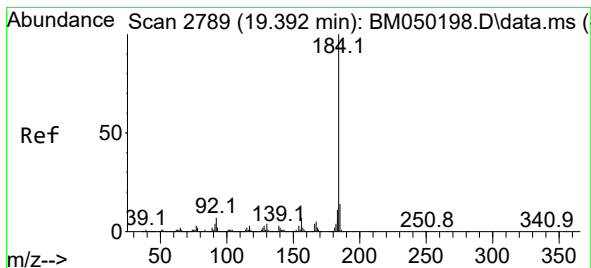
Ion Ratio Lower Upper

240 100

120 11.9 9.0 13.4

236 25.3 20.7 31.1





#77

Benzidine

Concen: 43.732 ng

RT: 19.386 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050225.D

Acq: 06 Jun 2025 22:42

Instrument :

BNA_M

ClientSampleId :

PB168314BS

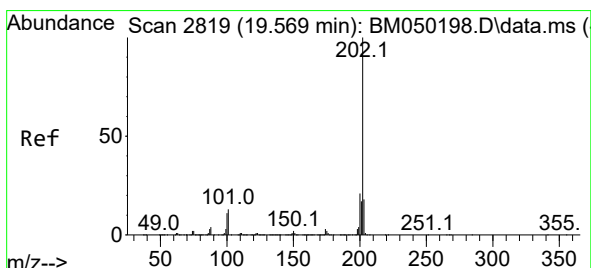
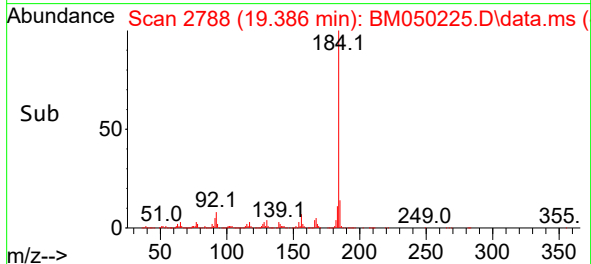
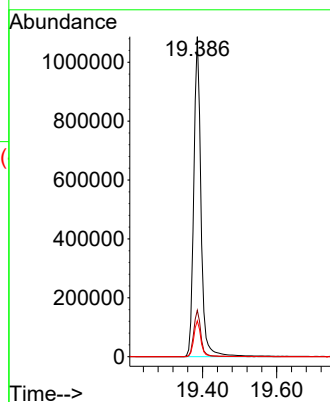
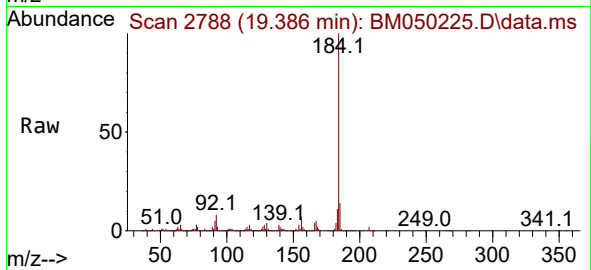
Tgt Ion:184 Resp: 1473496

Ion Ratio Lower Upper

184 100

185 14.5 11.5 17.3

183 11.2 9.0 13.4



#78

Pyrene

Concen: 43.183 ng

RT: 19.562 min Scan# 2818

Delta R.T. -0.006 min

Lab File: BM050225.D

Acq: 06 Jun 2025 22:42

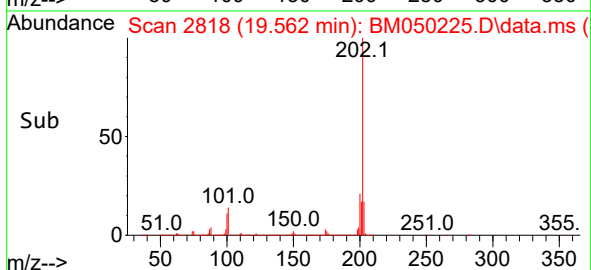
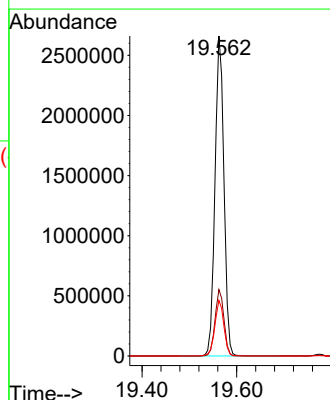
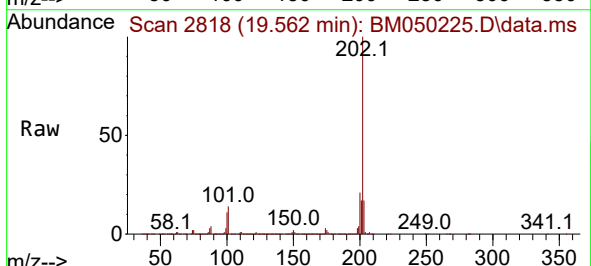
Tgt Ion:202 Resp: 3487366

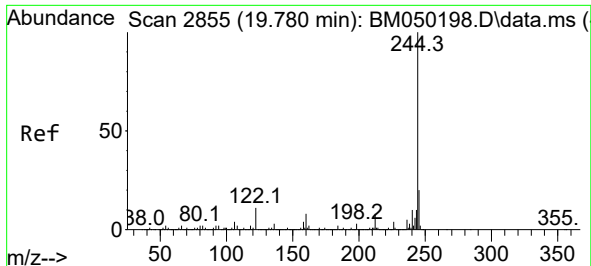
Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

203 17.4 14.1 21.1

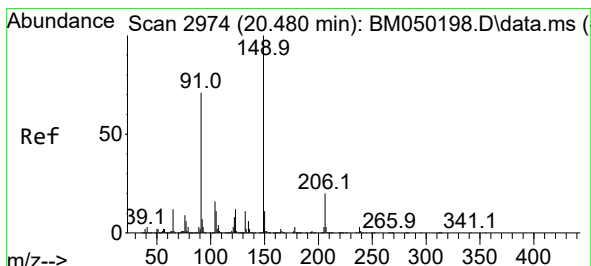
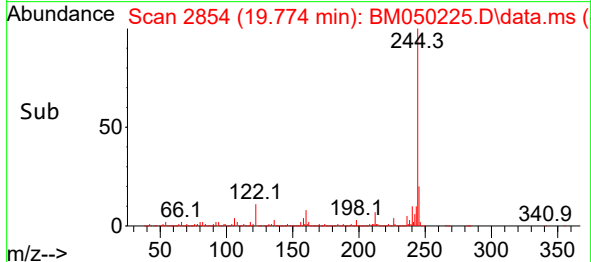
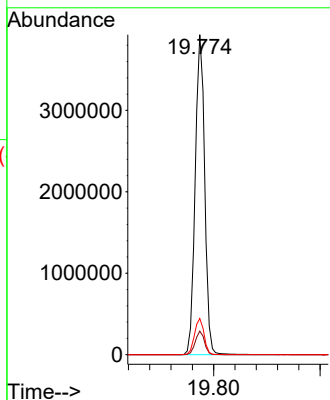
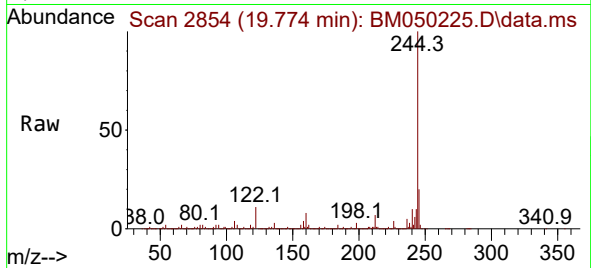




#79
 Terphenyl-d14
 Concen: 76.992 ng
 RT: 19.774 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM050225.D
 Acq: 06 Jun 2025 22:42

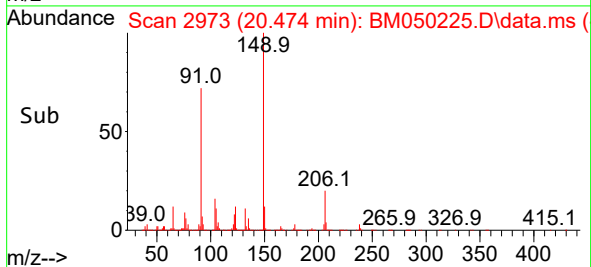
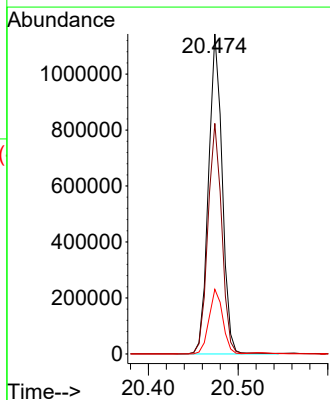
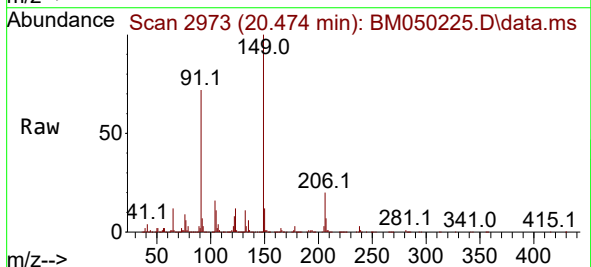
Instrument :
 BNA_M
 ClientSampleId :
 PB168314BS

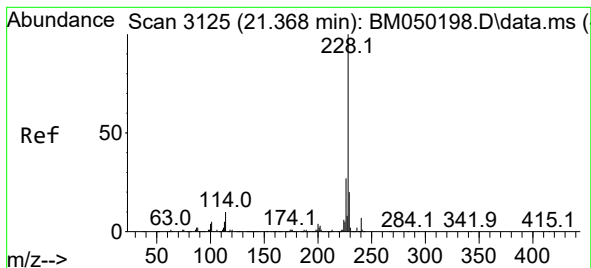
Tgt Ion:244 Resp: 4868069
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 11.3 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 44.860 ng
 RT: 20.474 min Scan# 2973
 Delta R.T. -0.006 min
 Lab File: BM050225.D
 Acq: 06 Jun 2025 22:42

Tgt Ion:149 Resp: 1208443
 Ion Ratio Lower Upper
 149 100
 91 72.0 56.9 85.3
 206 20.2 16.1 24.1





#81

Benzo(a)anthracene

Concen: 44.635 ng

RT: 21.356 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BM050225.D

Acq: 06 Jun 2025 22:42

Instrument :

BNA_M

ClientSampleId :

PB168314BS

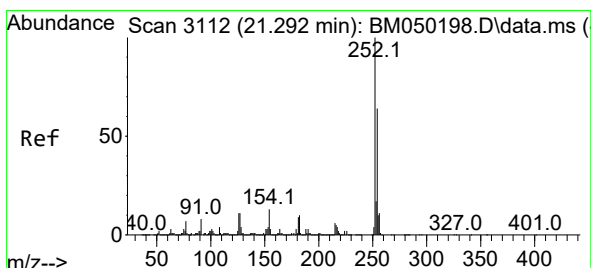
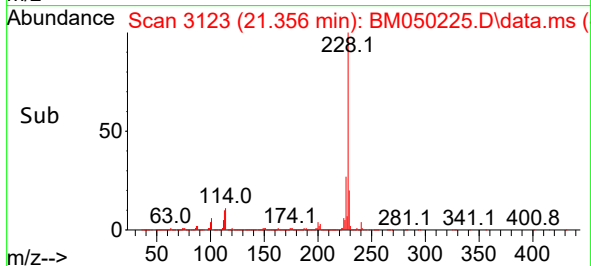
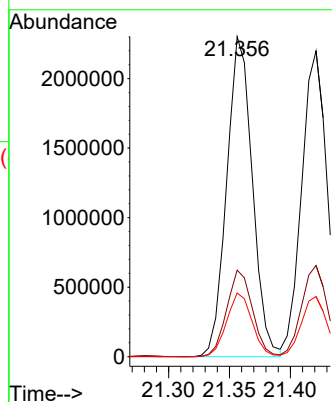
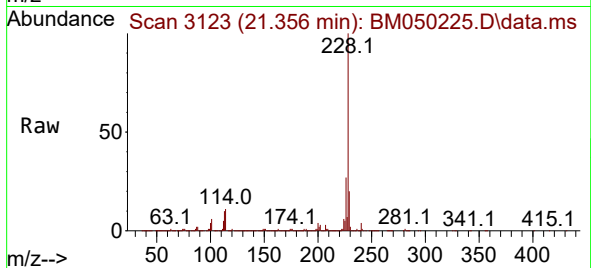
Tgt Ion:228 Resp: 3385167

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

229 19.9 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 30.445 ng

RT: 21.280 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BM050225.D

Acq: 06 Jun 2025 22:42

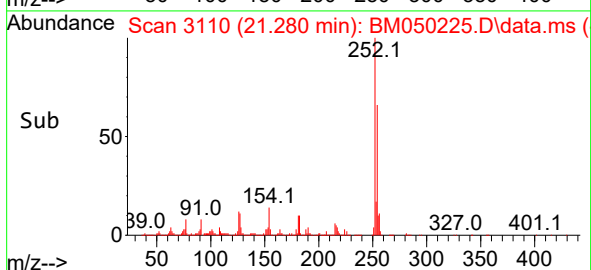
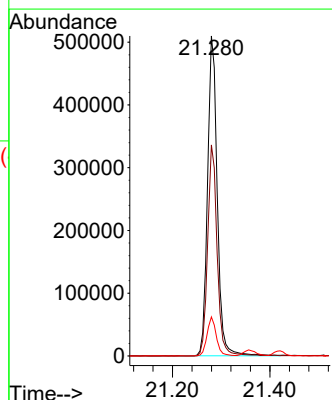
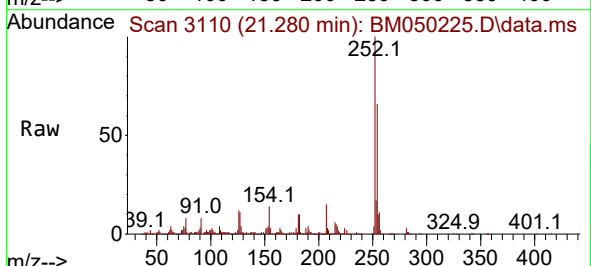
Tgt Ion:252 Resp: 704129

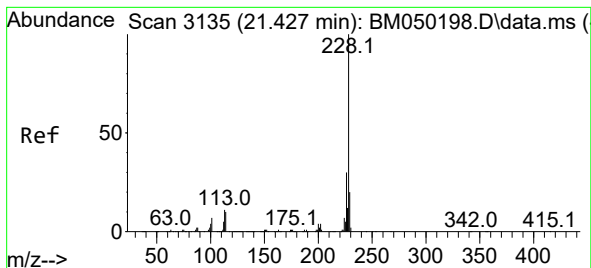
Ion Ratio Lower Upper

252 100

254 66.0 51.4 77.0

126 12.2 8.6 12.8





#83

Chrysene

Concen: 45.168 ng

RT: 21.421 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM050225.D

Acq: 06 Jun 2025 22:42

Instrument :

BNA_M

ClientSampleId :

PB168314BS

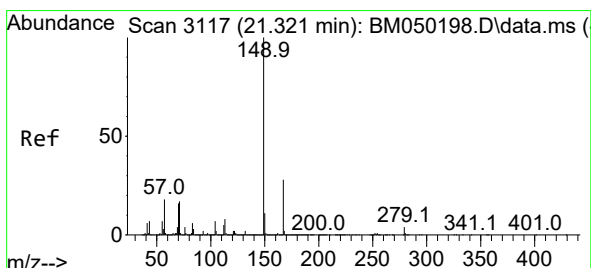
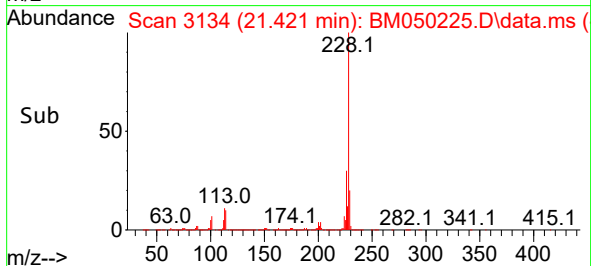
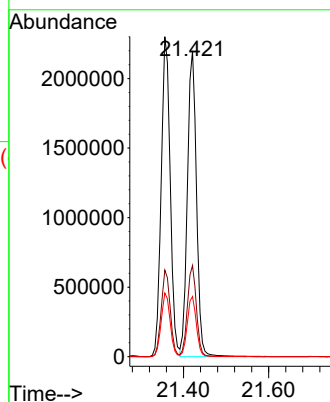
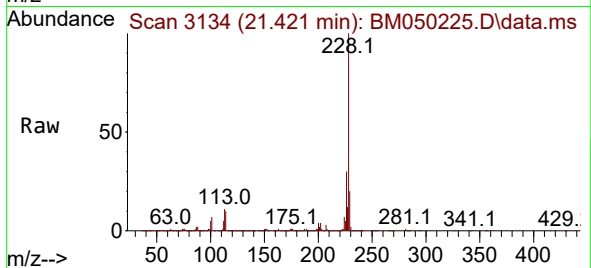
Tgt Ion:228 Resp: 3258491

Ion Ratio Lower Upper

228 100

226 29.8 24.3 36.5

229 19.7 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.425 ng

RT: 21.309 min Scan# 3115

Delta R.T. -0.012 min

Lab File: BM050225.D

Acq: 06 Jun 2025 22:42

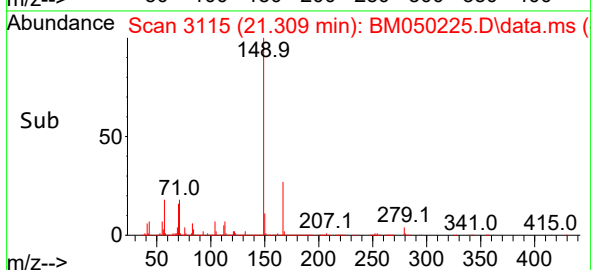
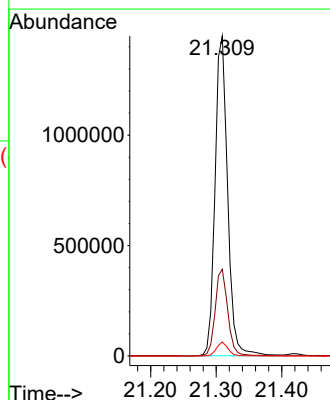
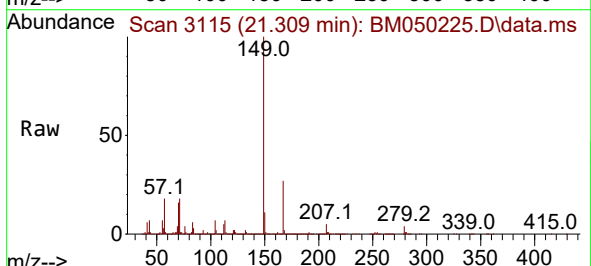
Tgt Ion:149 Resp: 1926357

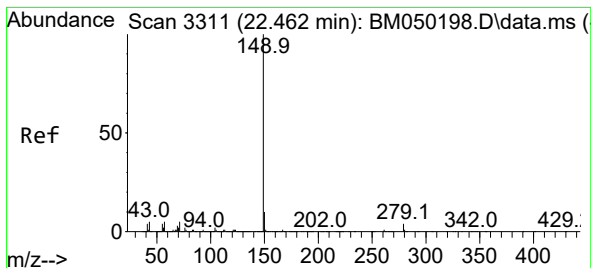
Ion Ratio Lower Upper

149 100

167 27.1 22.3 33.5

279 4.3 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 47.731 ng

RT: 22.444 min Scan# 3

Delta R.T. -0.018 min

Lab File: BM050225.D

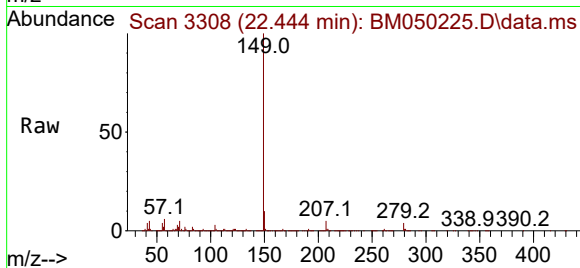
Acq: 06 Jun 2025 22:42

Instrument :

BNA_M

ClientSampleId :

PB168314BS



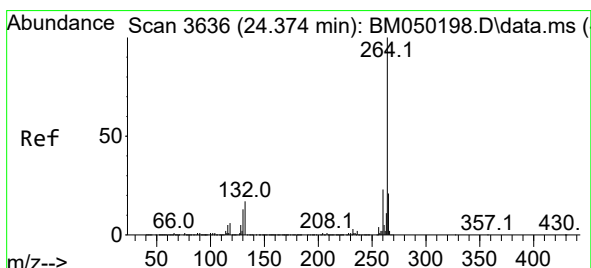
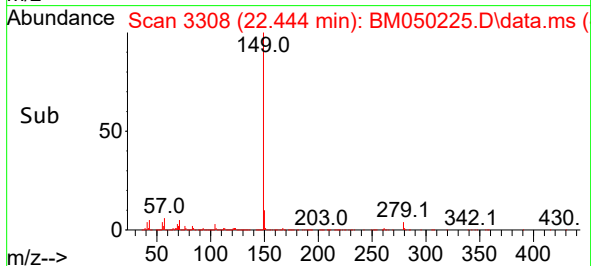
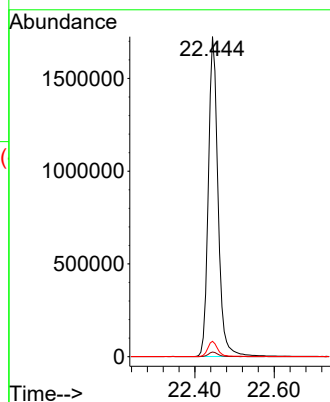
Tgt Ion:149 Resp: 2938941

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 5.0 3.8 5.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.362 min Scan# 3634

Delta R.T. -0.012 min

Lab File: BM050225.D

Acq: 06 Jun 2025 22:42

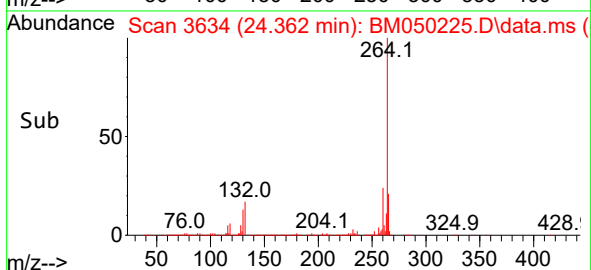
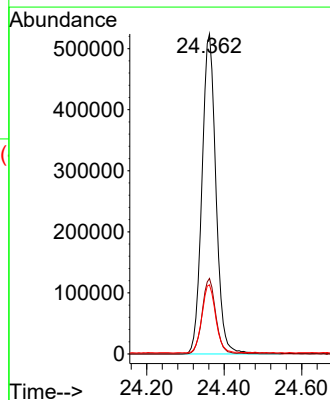
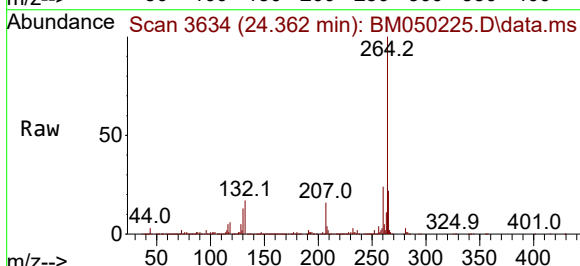
Tgt Ion:264 Resp: 1311493

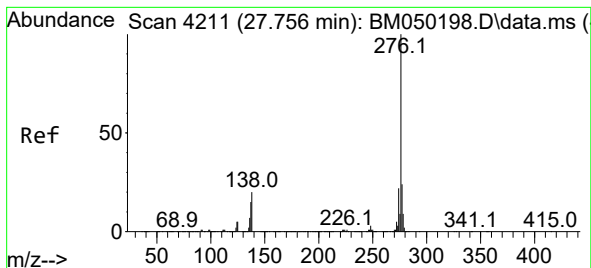
Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.6 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.139 ng

RT: 27.732 min Scan# 41

Delta R.T. -0.029 min

Lab File: BM050225.D

Acq: 06 Jun 2025 22:42

Instrument :

BNA_M

ClientSampleId :

PB168314BS

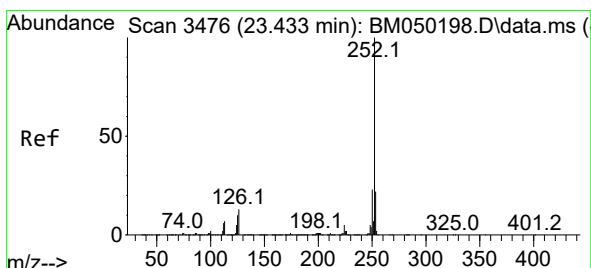
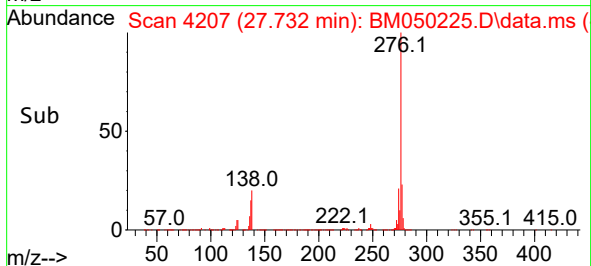
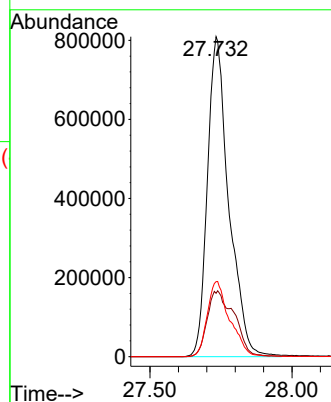
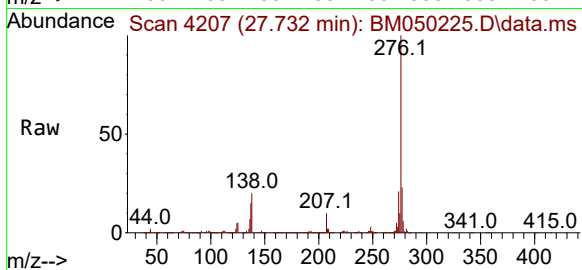
Tgt Ion:276 Resp: 4233970

Ion Ratio Lower Upper

276 100

138 26.1 20.6 30.8

277 24.8 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 45.311 ng

RT: 23.421 min Scan# 3474

Delta R.T. -0.018 min

Lab File: BM050225.D

Acq: 06 Jun 2025 22:42

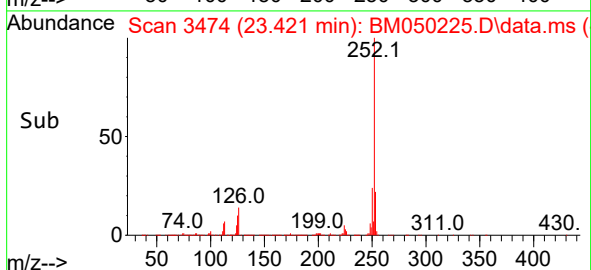
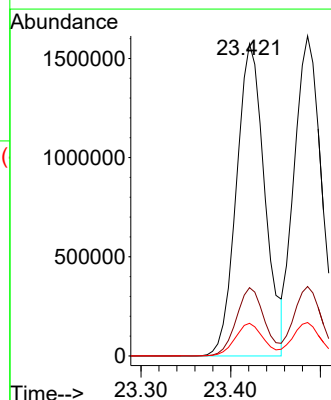
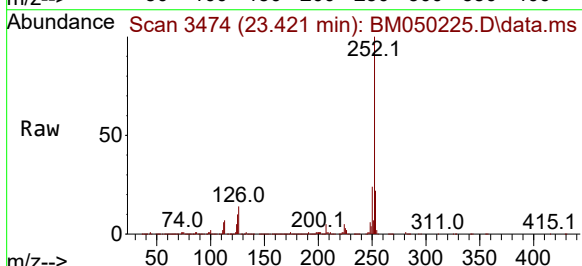
Tgt Ion:252 Resp: 3454981

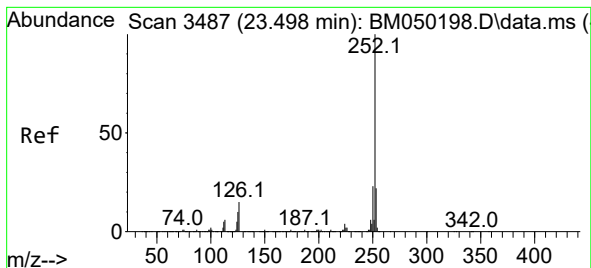
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 10.5 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 44.257 ng

RT: 23.486 min Scan# 34

Delta R.T. -0.018 min

Lab File: BM050225.D

Acq: 06 Jun 2025 22:42

Instrument :

BNA_M

ClientSampleId :

PB168314BS

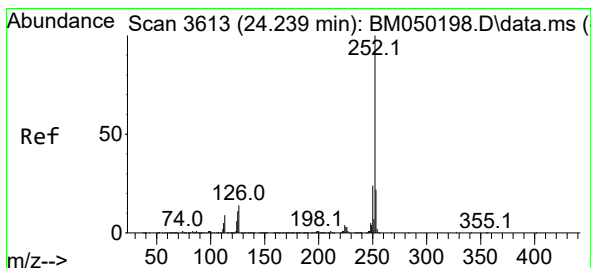
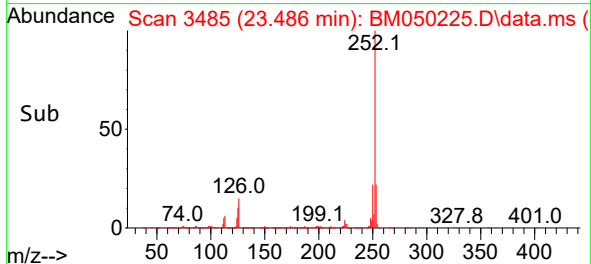
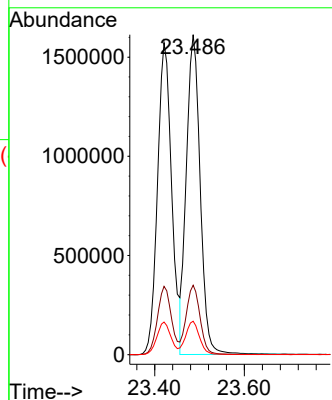
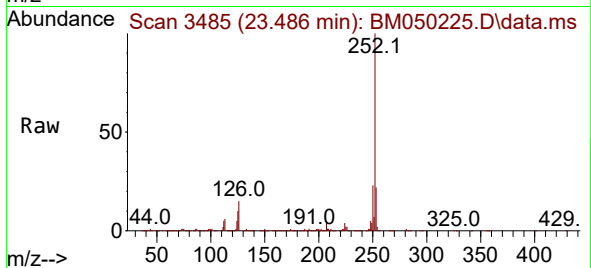
Tgt Ion:252 Resp: 3445030

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 10.4 8.2 12.4



#90

Benzo(a)pyrene

Concen: 46.121 ng

RT: 24.221 min Scan# 3610

Delta R.T. -0.018 min

Lab File: BM050225.D

Acq: 06 Jun 2025 22:42

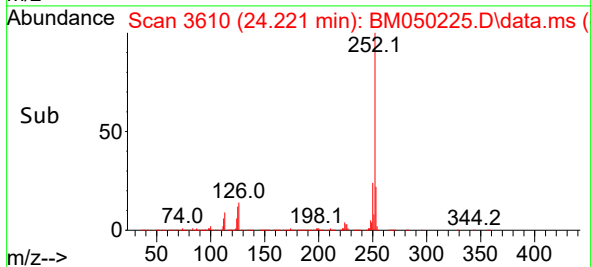
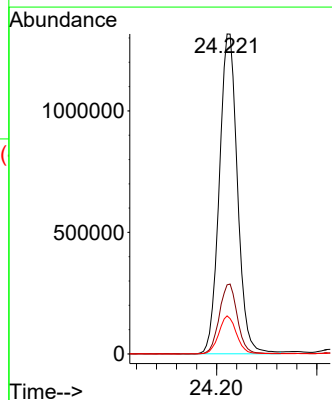
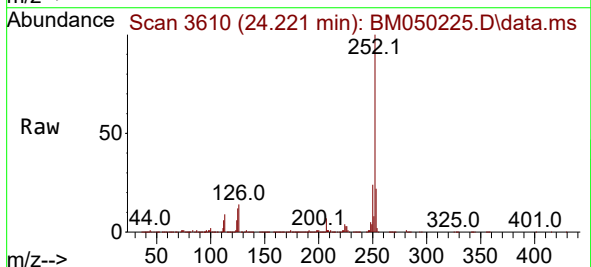
Tgt Ion:252 Resp: 3306511

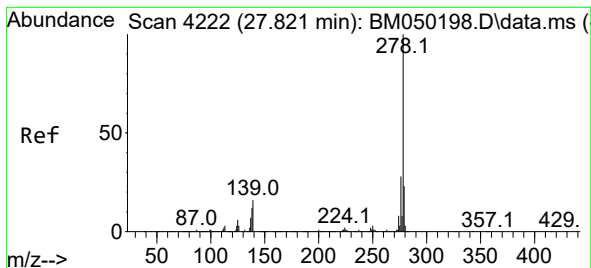
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 11.9 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 49.342 ng

RT: 27.797 min Scan# 4318

Delta R.T. -0.024 min

Lab File: BM050225.D

Acq: 06 Jun 2025 22:42

Instrument :

BNA_M

ClientSampleId :

PB168314BS

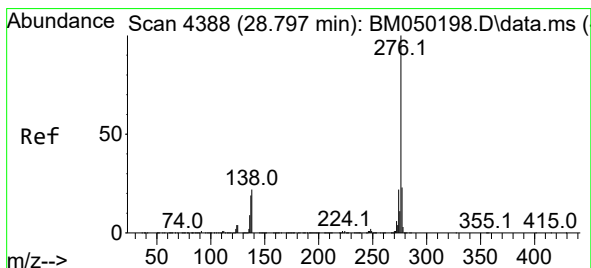
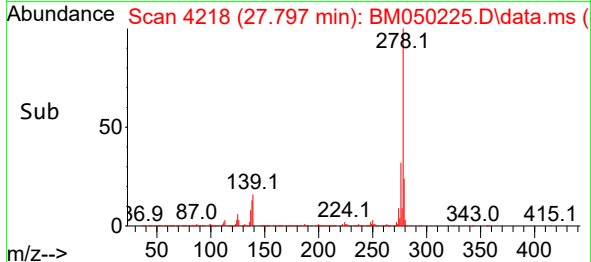
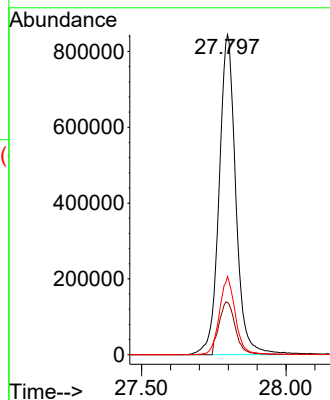
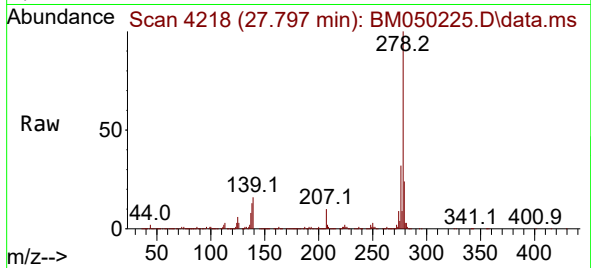
Tgt Ion:278 Resp: 3382105

Ion Ratio Lower Upper

278 100

139 16.4 12.8 19.2

279 24.5 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 51.264 ng

RT: 28.779 min Scan# 4385

Delta R.T. -0.035 min

Lab File: BM050225.D

Acq: 06 Jun 2025 22:42

Tgt Ion:276 Resp: 3516916

Ion Ratio Lower Upper

276 100

277 23.5 18.6 27.8

138 22.4 17.8 26.6

