

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
 Data File : BP025603.D
 Acq On : 27 Aug 2025 15:00
 Operator : CG/JU
 Sample : Q2924-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-201-082025MSD

Quant Time: Aug 27 15:23:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	165573	20.000	ng	-0.02
21) Naphthalene-d8	10.566	136	580354	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	417829	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	814298	20.000	ng	0.00
76) Chrysene-d12	21.636	240	887974	20.000	ng	-0.01
86) Perylene-d12	25.007	264	1057493	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	671751	67.377	ng	0.00
7) Phenol-d6	6.972	99	529341	41.411	ng	0.00
23) Nitrobenzene-d5	8.925	82	1058184	92.235	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	757775	134.739	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	2386494	78.060	ng	-0.01
79) Terphenyl-d14	19.919	244	3697065	76.174	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.320	88	80709	20.667	ng	99
3) Pyridine	3.725	79	202156	18.912	ng	95
4) n-Nitrosodimethylamine	3.631	42	105107	23.851	ng	96
6) Aniline	7.113	93	412121	23.929	ng	97
8) 2-Chlorophenol	7.360	128	422887	37.587	ng	97
9) Benzaldehyde	6.931	77	320616	35.801	ng	# 1
10) Phenol	6.996	94	209480	15.618	ng	89
11) bis(2-Chloroethyl)ether	7.213	93	438912	41.984	ng	# 81
12) 1,3-Dichlorobenzene	7.672	146	417263	33.634	ng	98
13) 1,4-Dichlorobenzene	7.813	146	431205	34.006	ng	98
14) 1,2-Dichlorobenzene	8.131	146	424297	34.567	ng	99
15) Benzyl Alcohol	8.037	79	309179	30.441	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.319	45	244473	17.457	ng	# 57
17) 2-Methylphenol	8.243	107	305694	32.816	ng	98
18) Hexachloroethane	8.866	117	429233	92.067	ng	# 53
19) n-Nitroso-di-n-propyla...	8.578	70	347670	41.062	ng	99
20) 3+4-Methylphenols	8.543	107	511394	39.604	ng	99
22) Acetophenone	8.590	105	774732	53.231	ng	98
24) Nitrobenzene	8.966	77	536503	52.325	ng	98
25) Isophorone	9.507	82	1014281	49.955	ng	98
26) 2-Nitrophenol	9.672	139	279469	53.110	ng	99
27) 2,4-Dimethylphenol	9.749	122	417062	46.088	ng	97
28) bis(2-Chloroethoxy)met...	9.984	93	542429	44.196	ng	97
29) 2,4-Dichlorophenol	10.231	162	449299	49.981	ng	99
30) 1,2,4-Trichlorobenzene	10.443	180	470127	47.708	ng	98
32) Benzoic acid	9.872	122	130466	19.528	ng	99
33) 4-Chloroaniline	10.678	127	12570328	943.423	ng	# 36
34) Hexachlorobutadiene	10.884	225	269655	43.939	ng	97
35) Caprolactam	11.507	113	33012	10.015	ng	92
36) 4-Chloro-3-methylphenol	11.837	107	481225	46.652	ng	91
37) 2-Methylnaphthalene	12.219	142	9833822	500.959	ng	97
38) 1-Methylnaphthalene	12.431	142	6970742	333.917	ng	99
40) 1,2,4,5-Tetrachloroben...	12.572	216	570448	47.272	ng	99
41) Hexachlorocyclopentadiene	12.554	237	532370	73.036	ng	99
43) 2,4,6-Trichlorophenol	12.819	196	388583	47.698	ng	99
44) 2,4,5-Trichlorophenol	12.901	196	423357	47.415	ng	97

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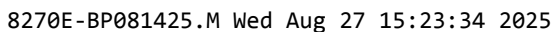
Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.219	154	2017741	66.493	ng	99
47) 2-Chloronaphthalene	13.260	162	1096677	46.423	ng	98
48) 2-Nitroaniline	13.466	65	352640	51.231	ng	99
49) Acenaphthylene	14.125	152	6895606	176.403	ng	99
50) Dimethylphthalate	13.842	163	1390812	45.456	ng	99
51) 2,6-Dinitrotoluene	13.960	165	314131	48.710	ng	92
52) Acenaphthene	14.466	154	1167251	50.872	ng	100
53) 3-Nitroaniline	14.295	138	223346	30.782	ng	94
54) 2,4-Dinitrophenol	14.513	184	383271	111.288	ng	98
55) Dibenzofuran	14.807	168	1764171	48.631	ng	98
56) 4-Nitrophenol	14.642	139	241694	40.537	ng	92
57) 2,4-Dinitrotoluene	14.766	165	458819	49.866	ng	96
58) Fluorene	15.460	166	1850230	64.638	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.037	232	379145	48.091	ng	99
60) Diethylphthalate	15.231	149	1443076	46.416	ng	100
61) 4-Chlorophenyl-phenyle...	15.460	204	655680	46.058	ng	96
62) 4-Nitroaniline	15.484	138	349130	46.936	ng	95
63) Azobenzene	15.754	77	1311741	49.274	ng	98
65) 4,6-Dinitro-2-methylph...	15.548	198	268592	52.915	ng	96
66) n-Nitrosodiphenylamine	15.666	169	1192328	48.017	ng	100
67) 4-Bromophenyl-phenylether	16.366	248	442265	49.383	ng	95
68) Hexachlorobenzene	16.489	284	516257	49.728	ng	98
69) Atrazine	16.654	200	428690	46.099	ng	99
70) Pentachlorophenol	16.848	266	659376	100.616	ng	97
71) Phenanthrene	17.242	178	2855159	63.828	ng	99
72) Anthracene	17.336	178	2308905	50.545	ng	99
73) Carbazole	17.619	167	2594549	60.300	ng	99
74) Di-n-butylphthalate	18.207	149	2643612	49.938	ng	100
75) Fluoranthene	19.325	202	2617503	49.056	ng	99
77) Benzidine	19.513	184	785899	25.933	ng	100
78) Pyrene	19.701	202	2744373	47.550	ng	100
80) Butylbenzylphthalate	20.636	149	1291637	49.379	ng	98
81) Benzo(a)anthracene	21.619	228	2778578	47.447	ng	99
82) 3,3'-Dichlorobenzidine	21.530	252	910515	41.249	ng	99
83) Chrysene	21.683	228	2668181	48.651	ng	99
84) Bis(2-ethylhexyl)phtha...	21.554	149	1818319	47.223	ng	100
85) Di-n-octyl phthalate	22.836	149	3269105	49.360	ng	99
87) Indeno(1,2,3-cd)pyrene	28.836	276	3751770	48.377	ng	# 91
88) Benzo(b)fluoranthene	23.948	252	2986627	47.895	ng	98
89) Benzo(k)fluoranthene	24.024	252	2942937	47.163	ng	99
90) Benzo(a)pyrene	24.854	252	2870696	47.293	ng	99
91) Dibenzo(a,h)anthracene	28.924	278	3109637	49.066	ng	98
92) Benzo(g,h,i)perylene	30.042	276	2995786	48.088	ng	98

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

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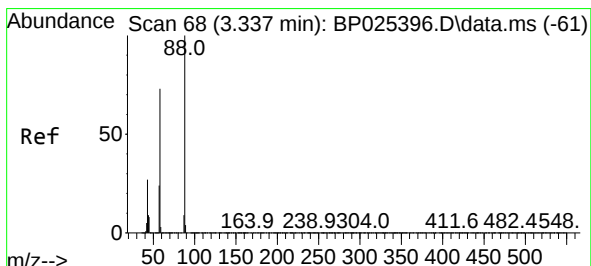
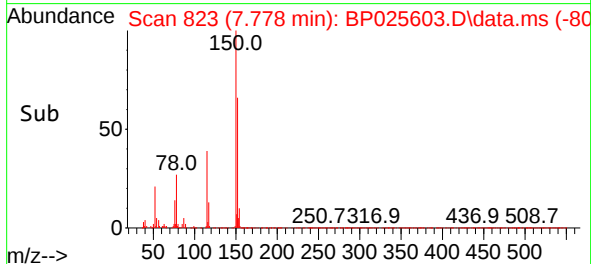
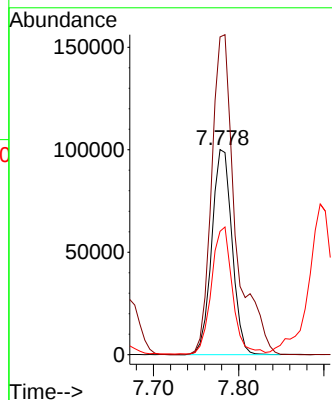
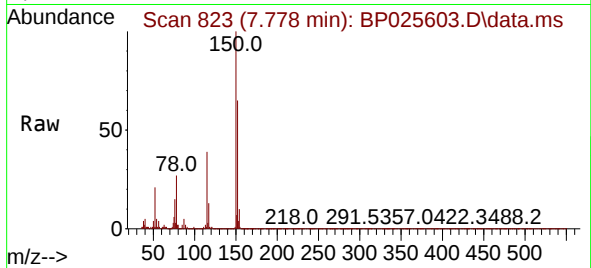




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.778 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BP025603.D
 Acq: 27 Aug 2025 15:00

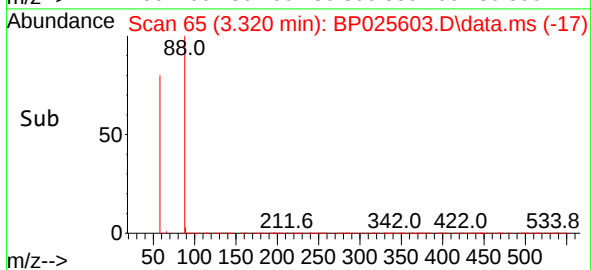
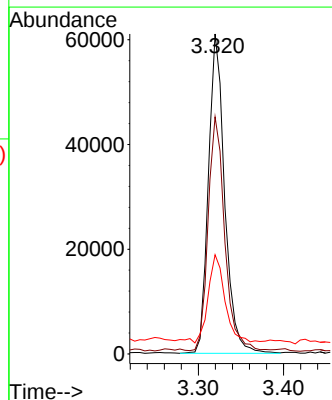
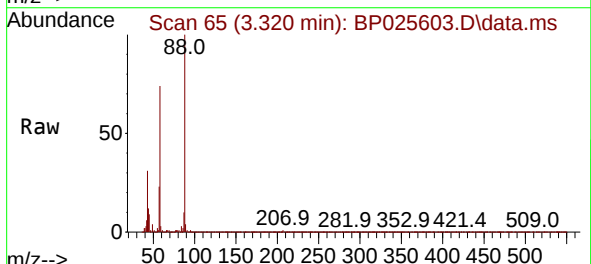
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Tgt Ion:152 Resp: 165573
 Ion Ratio Lower Upper
 152 100
 150 154.9 125.9 188.9
 115 60.1 48.5 72.7



#2
 1,4-Dioxane
 Concen: 20.667 ng
 RT: 3.320 min Scan# 65
 Delta R.T. -0.018 min
 Lab File: BP025603.D
 Acq: 27 Aug 2025 15:00

Tgt Ion: 88 Resp: 80709
 Ion Ratio Lower Upper
 88 100
 58 74.6 59.2 88.8
 43 28.5 21.7 32.5

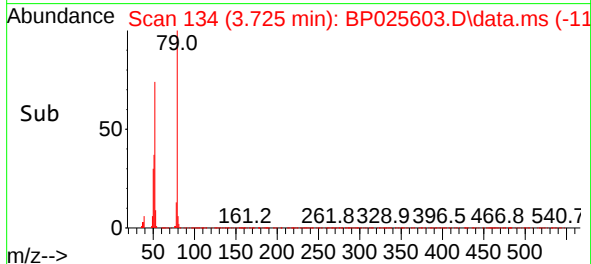
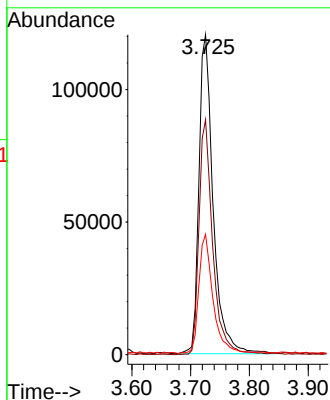
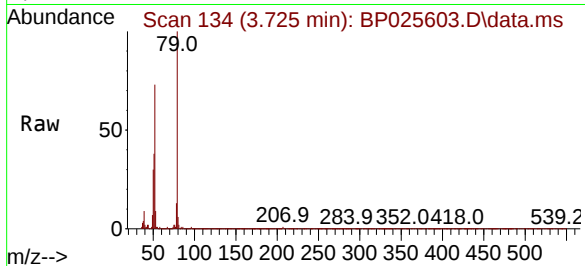




#3
Pyridine
Concen: 18.912 ng
RT: 3.725 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

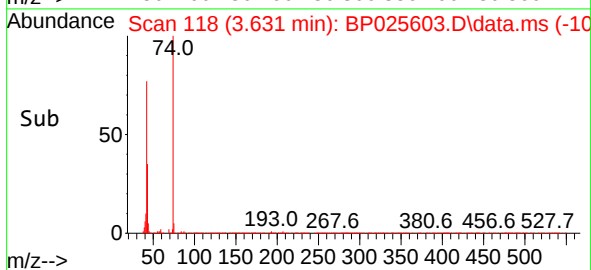
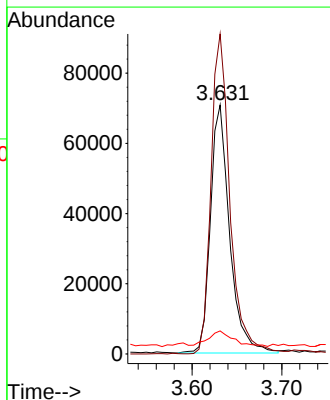
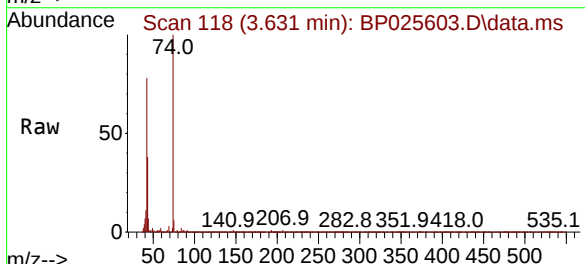
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ClientSampleId :
MW-201-082025MSD

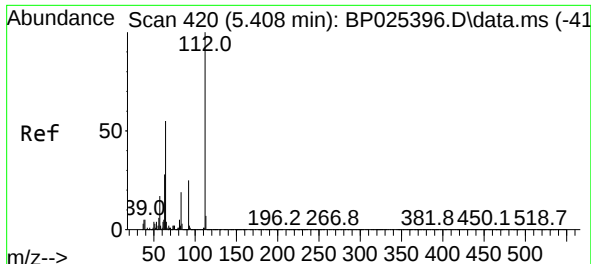
Tgt Ion: 79 Resp: 202156
Ion Ratio Lower Upper
79 100
52 73.5 55.5 83.3
51 37.6 28.3 42.5



#4
n-Nitrosodimethylamine
Concen: 23.851 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion: 42 Resp: 105107
Ion Ratio Lower Upper
42 100
74 128.5 107.0 160.4
44 9.2 6.2 9.4

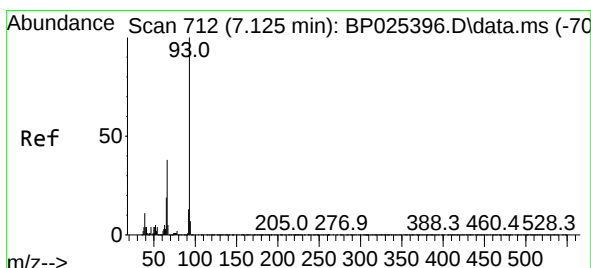
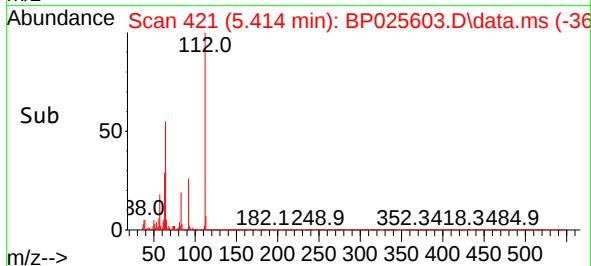
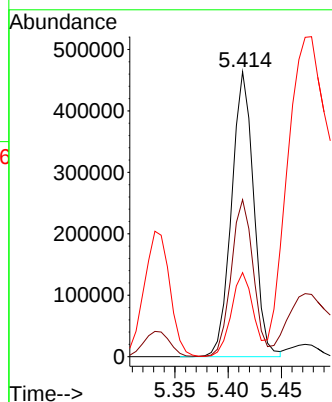
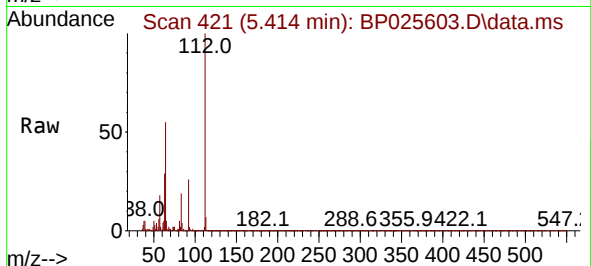




#5
2-Fluorophenol
Concen: 67.377 ng
RT: 5.414 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

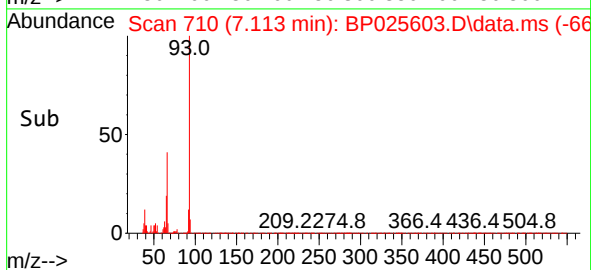
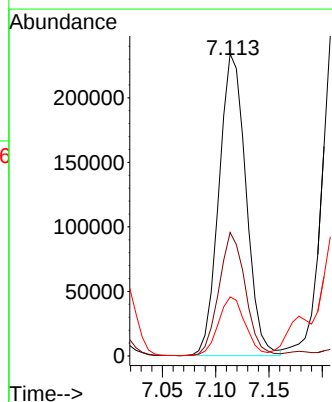
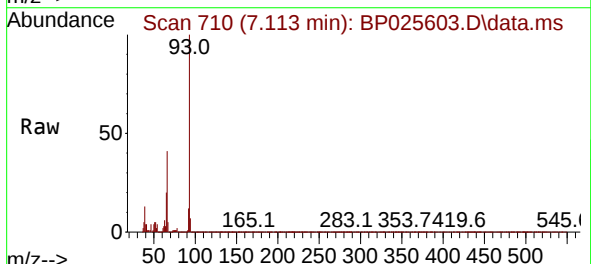
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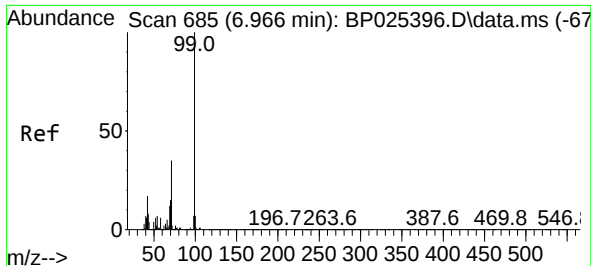
Tgt Ion:112 Resp: 671751
Ion Ratio Lower Upper
112 100
64 55.1 43.8 65.8
63 29.5 22.7 34.1



#6
Aniline
Concen: 23.929 ng
RT: 7.113 min Scan# 710
Delta R.T. -0.012 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion: 93 Resp: 412121
Ion Ratio Lower Upper
93 100
66 40.9 30.4 45.6
65 19.5 15.3 22.9

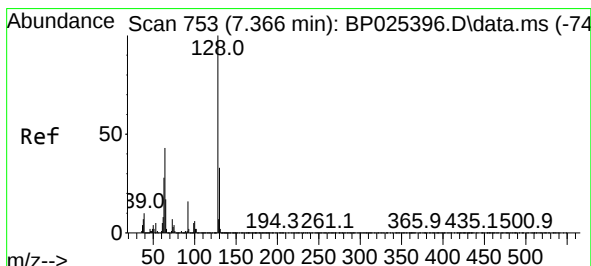
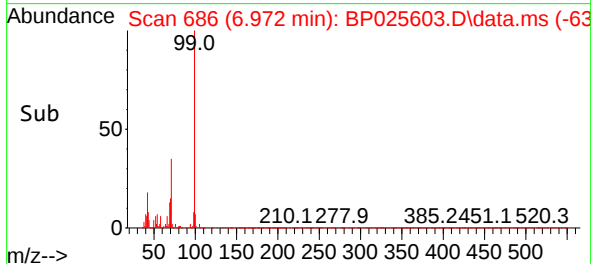
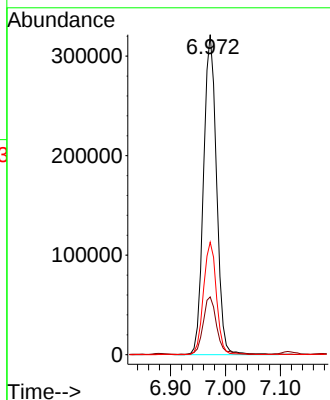
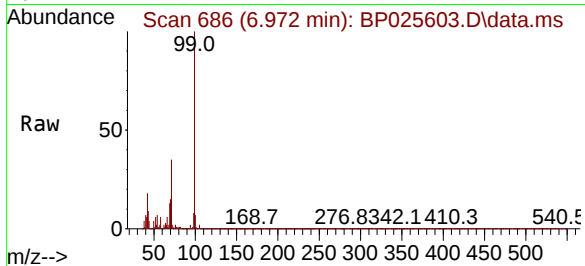




#7
Phenol-d6
Concen: 41.411 ng
RT: 6.972 min Scan# 685
Delta R.T. 0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

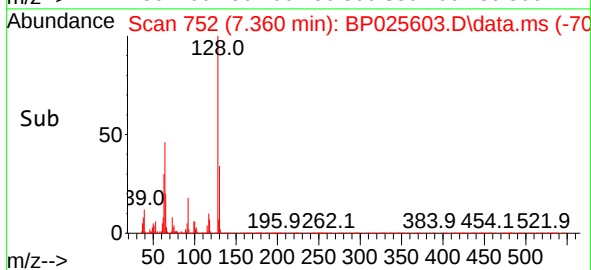
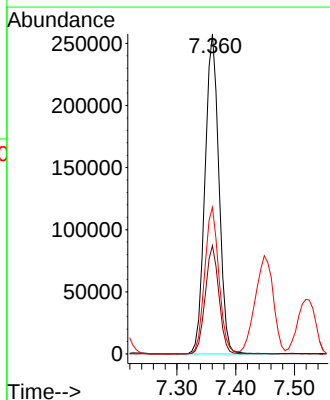
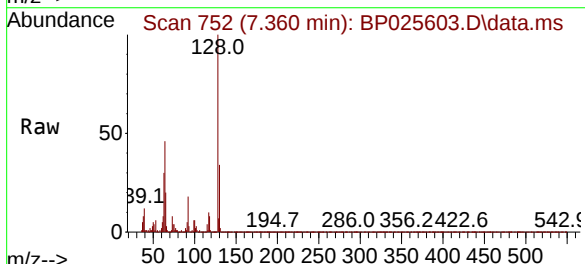
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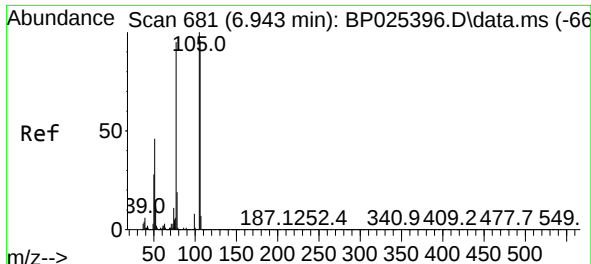
Tgt Ion: 99 Resp: 529341
Ion Ratio Lower Upper
99 100
42 18.1 13.7 20.5
71 35.1 28.2 42.4



#8
2-Chlorophenol
Concen: 37.587 ng
RT: 7.360 min Scan# 752
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion: 128 Resp: 422887
Ion Ratio Lower Upper
128 100
130 33.8 12.6 52.6
64 45.9 23.4 63.4

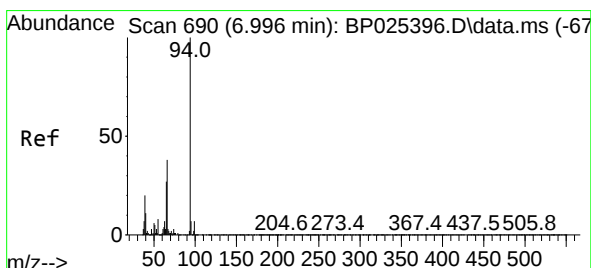
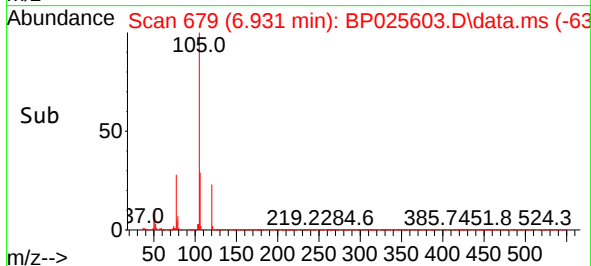
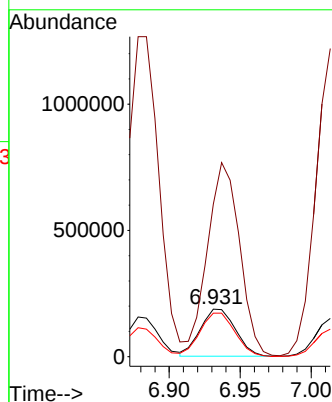
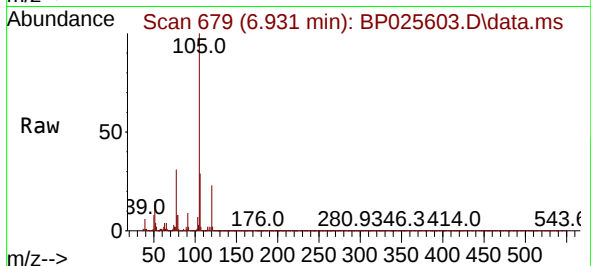




#9
Benzaldehyde
Concen: 35.801 ng
RT: 6.931 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

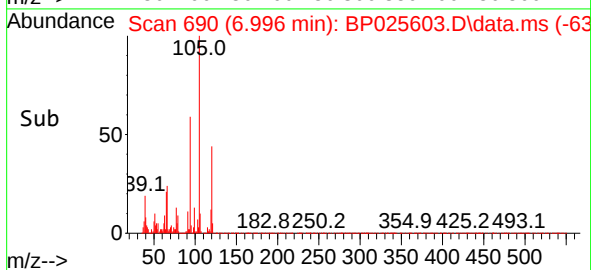
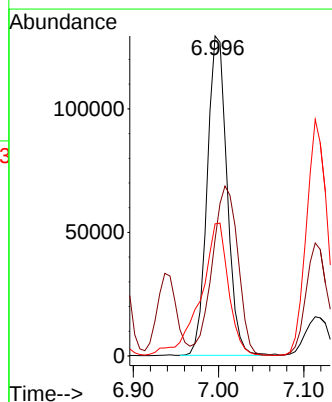
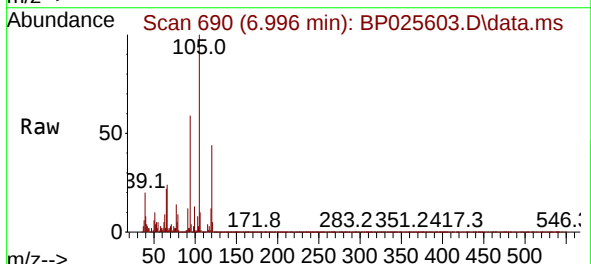
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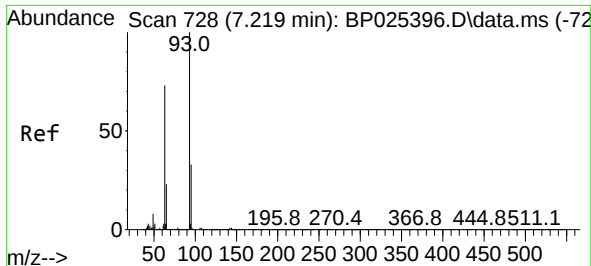
Tgt Ion: 77 Resp: 320616
Ion Ratio Lower Upper
77 100
105 320.5 84.8 124.8#
106 91.5 80.5 120.5



#10
Phenol
Concen: 15.618 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion: 94 Resp: 209480
Ion Ratio Lower Upper
94 100
65 36.5 6.8 46.8
66 41.3 18.2 58.2

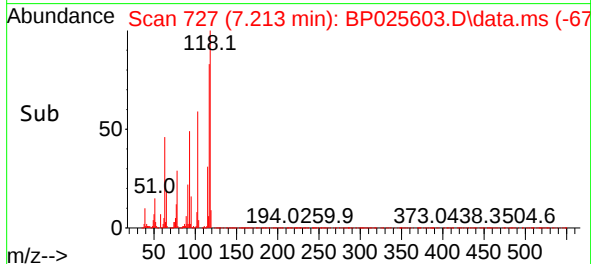
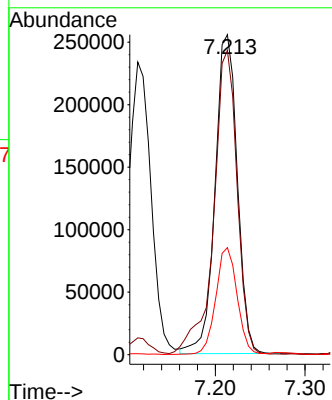
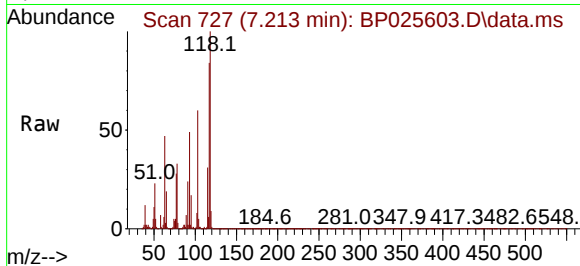




#11
bis(2-Chloroethyl)ether
Concen: 41.984 ng
RT: 7.213 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

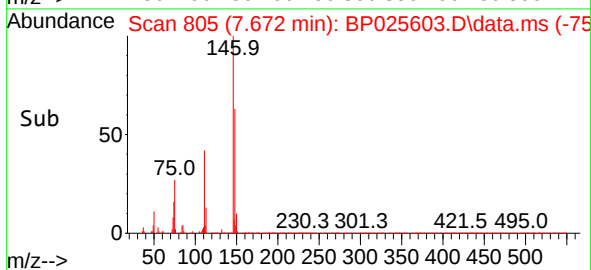
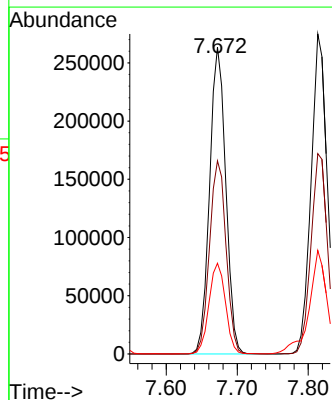
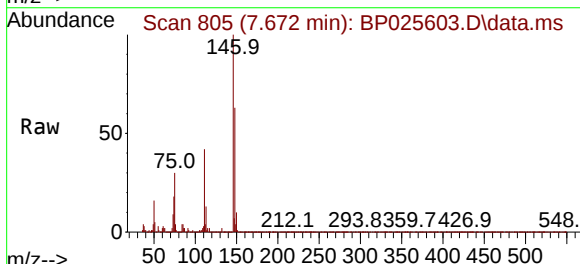
Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

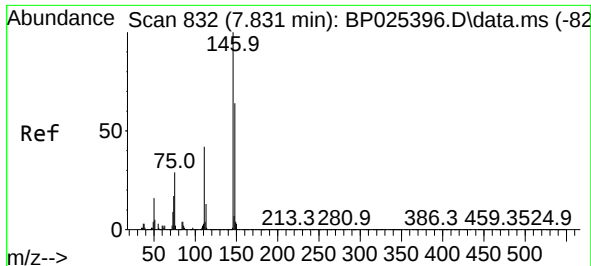
Tgt Ion: 93 Resp: 438912
Ion Ratio Lower Upper
93 100
63 95.1 52.6 92.6#
95 33.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 33.634 ng
RT: 7.672 min Scan# 805
Delta R.T. -0.012 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion: 146 Resp: 417263
Ion Ratio Lower Upper
146 100
148 62.9 51.9 77.9
75 29.6 23.7 35.5

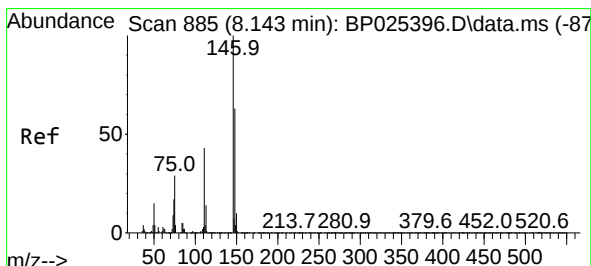
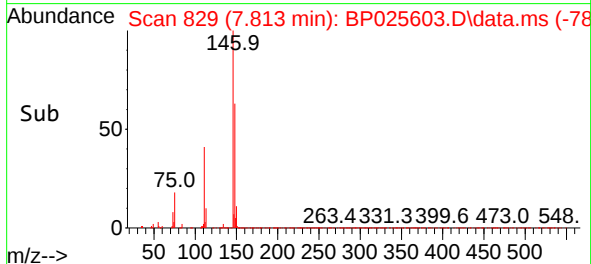
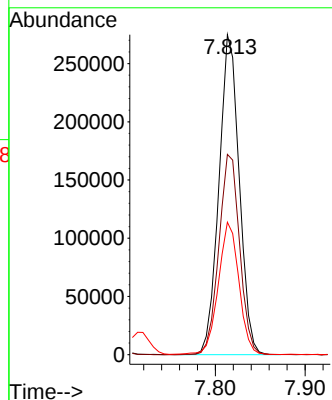
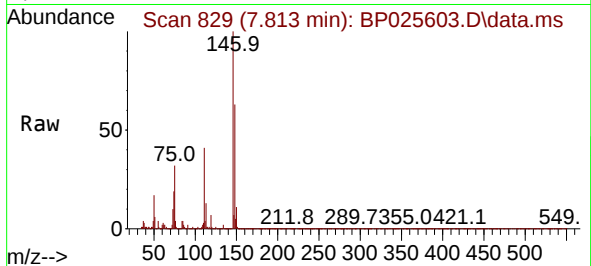




#13
1,4-Dichlorobenzene
Concen: 34.006 ng
RT: 7.813 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

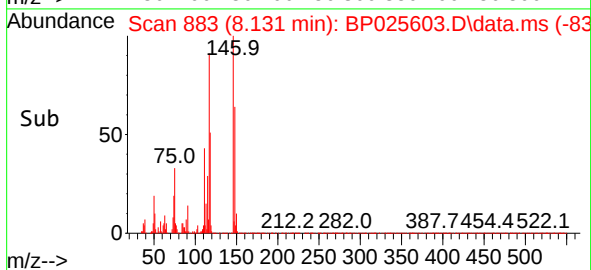
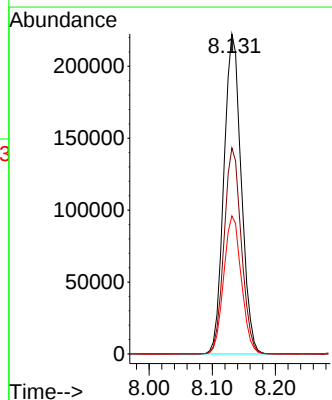
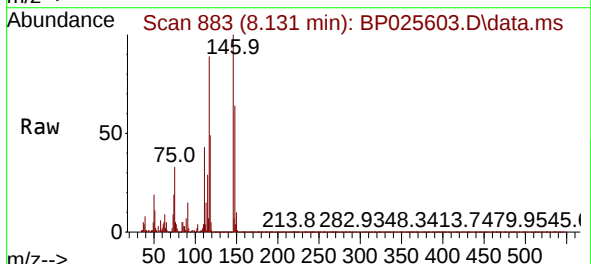
Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

Tgt Ion:146 Resp: 431205
Ion Ratio Lower Upper
146 100
148 62.6 51.6 77.4
111 41.4 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 34.567 ng
RT: 8.131 min Scan# 883
Delta R.T. -0.012 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:146 Resp: 424297
Ion Ratio Lower Upper
146 100
148 64.4 50.4 75.6
111 43.1 34.5 51.7

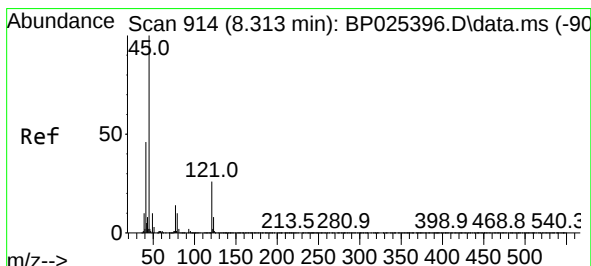
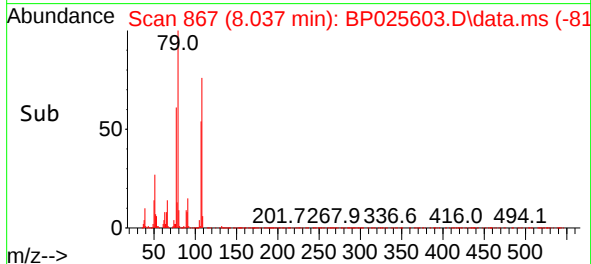
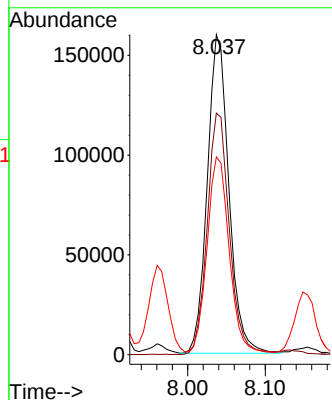
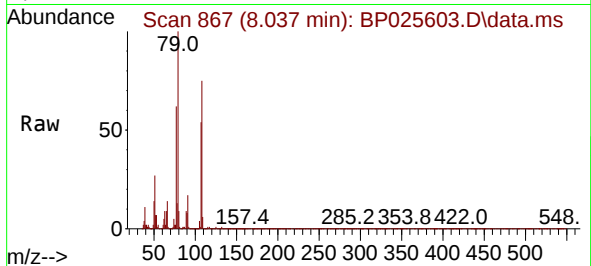




#15
Benzyl Alcohol
Concen: 30.441 ng
RT: 8.037 min Scan# 80
Delta R.T. 0.012 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

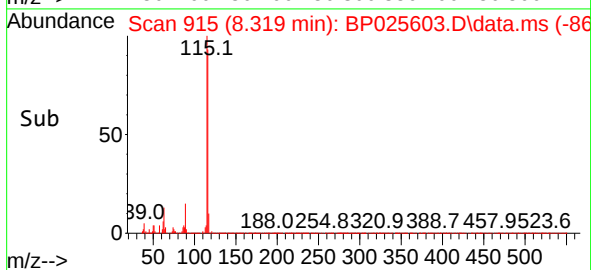
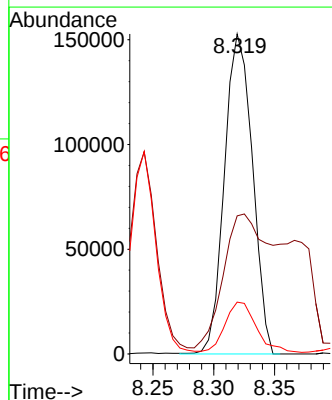
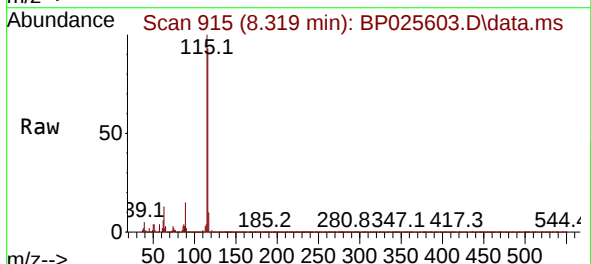
Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

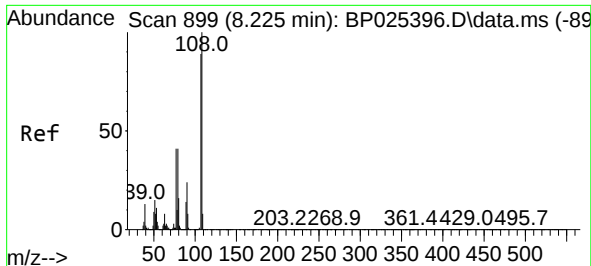
Tgt Ion: 79 Resp: 309179
Ion Ratio Lower Upper
79 100
108 75.5 63.8 95.6
77 61.8 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 17.457 ng
RT: 8.319 min Scan# 915
Delta R.T. 0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion: 45 Resp: 244473
Ion Ratio Lower Upper
45 100
77 43.1 0.0 35.3#
79 16.2 0.0 31.8

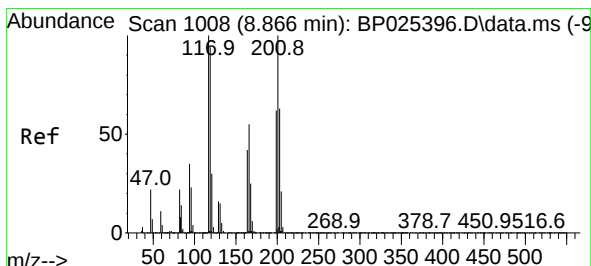
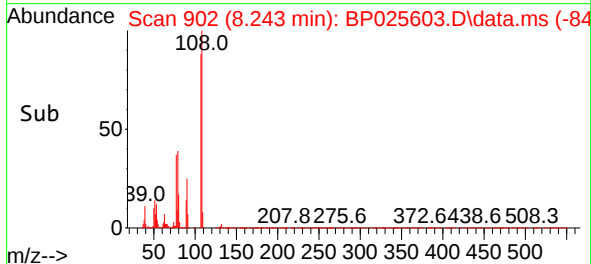
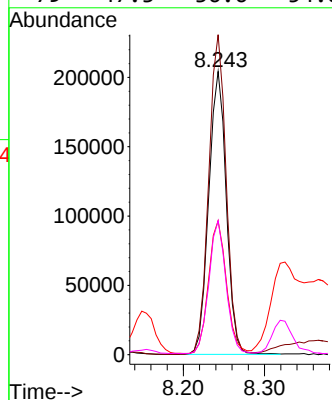
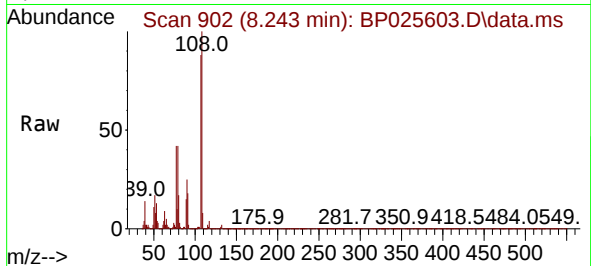




#17
2-Methylphenol
Concen: 32.816 ng
RT: 8.243 min Scan# 901
Delta R.T. 0.018 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

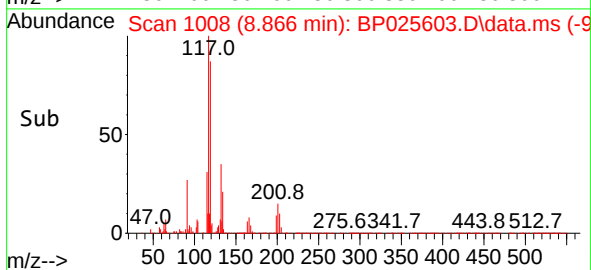
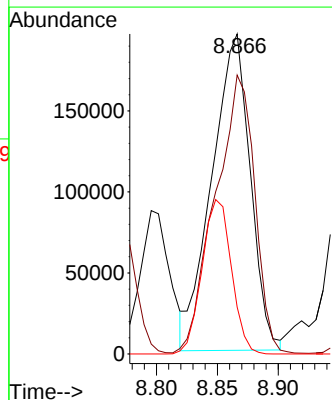
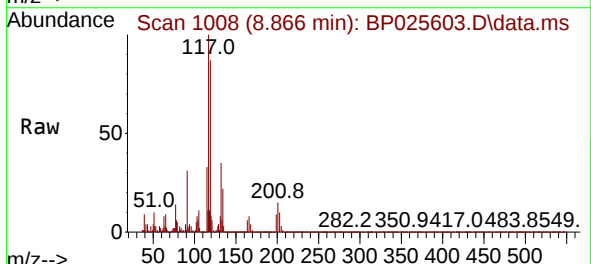
Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

Tgt Ion:	107	Resp:	305694
Ion	Ratio	Lower	Upper
107	100		
108	113.0	89.4	134.0
77	47.3	36.3	54.5
79	47.3	36.6	54.8



#18
Hexachloroethane
Concen: 92.067 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:	117	Resp:	429233
Ion	Ratio	Lower	Upper
117	100		
119	87.1	75.1	112.7
201	14.7	80.1	120.1#





#19

n-Nitroso-di-n-propylamine

Concen: 41.062 ng

RT: 8.578 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

Instrument :

BNA_P

ClientSampleId :

MW-201-082025MSD

Tgt Ion: 70 Resp: 347670

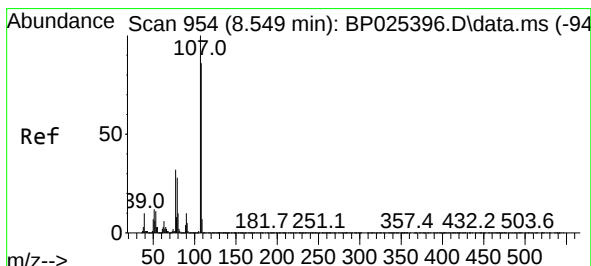
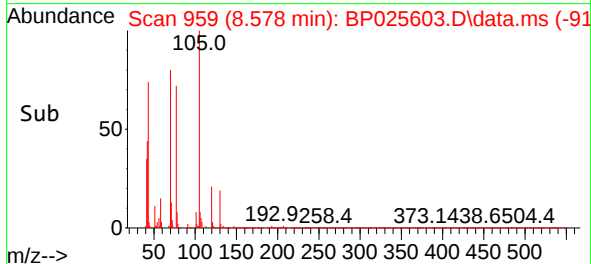
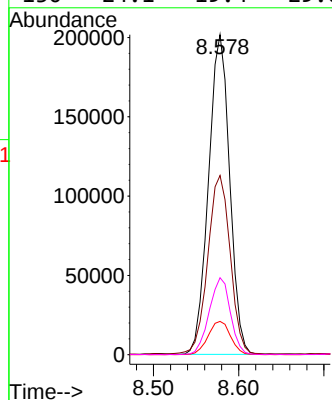
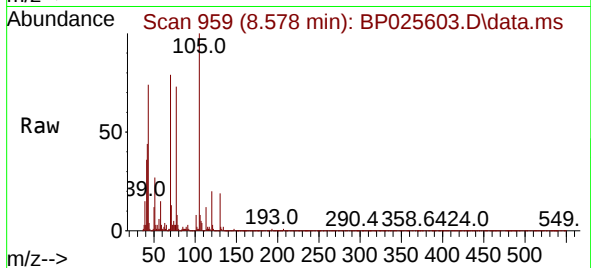
Ion Ratio Lower Upper

70 100

42 56.0 43.8 65.6

101 10.4 8.5 12.7

130 24.1 19.4 29.0



#20

3+4-Methylphenols

Concen: 39.604 ng

RT: 8.543 min Scan# 953

Delta R.T. -0.006 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

Tgt Ion: 107 Resp: 511394

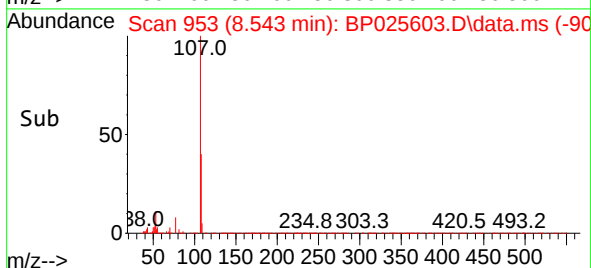
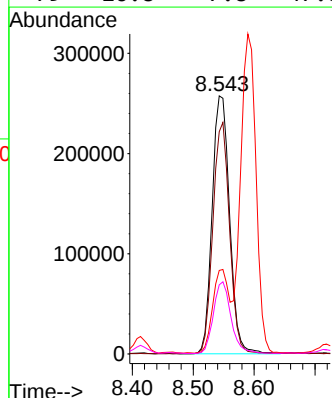
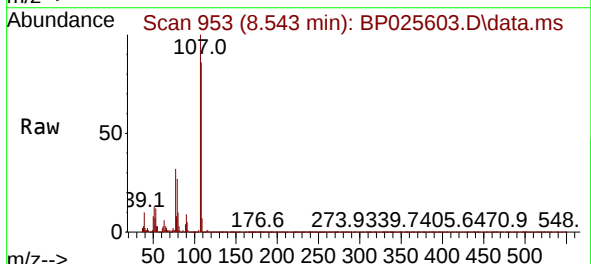
Ion Ratio Lower Upper

107 100

108 86.1 66.3 106.3

77 32.4 12.3 52.3

79 26.8 7.8 47.8

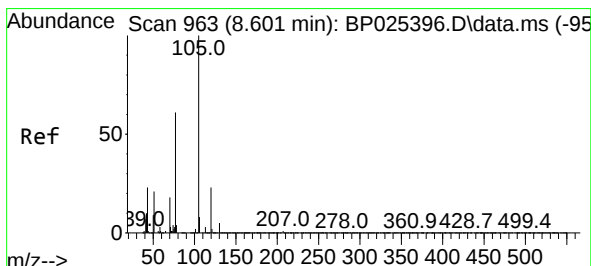
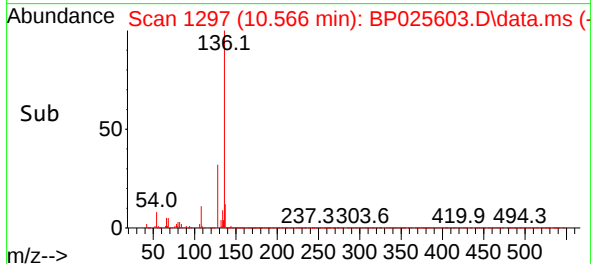
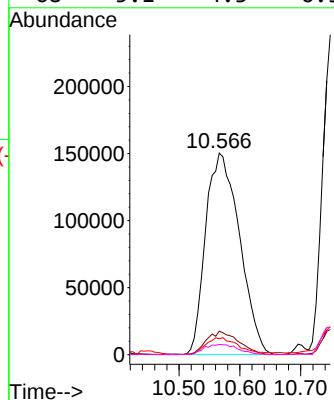
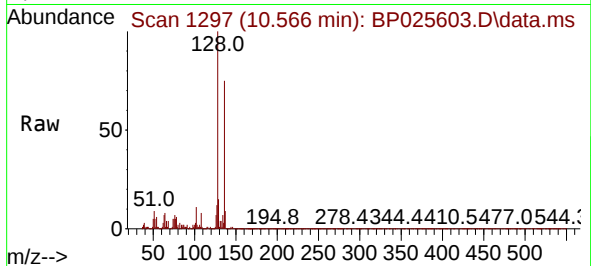




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

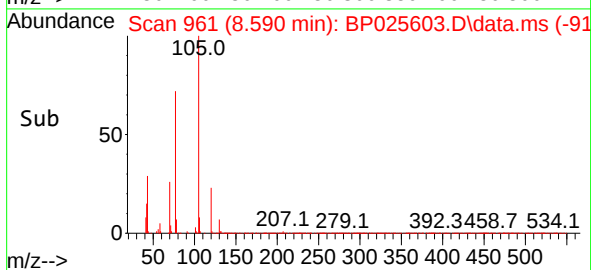
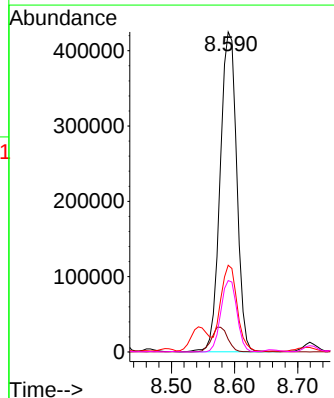
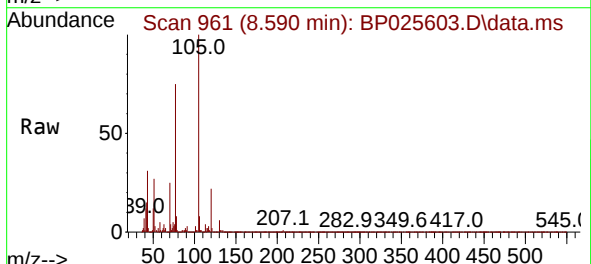
Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

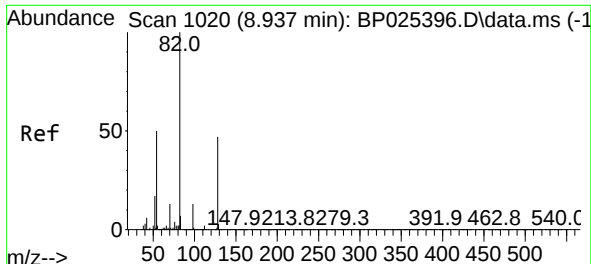
Tgt Ion:	136	Resp:	580354
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	7.9	6.0	9.0
68	5.1	4.3	6.5



#22
Acetophenone
Concen: 53.231 ng
RT: 8.590 min Scan# 961
Delta R.T. -0.012 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:	105	Resp:	774732
Ion	Ratio	Lower	Upper
105	100		
71	4.0	2.6	4.0
51	27.1	20.6	30.8
120	22.3	18.6	27.8

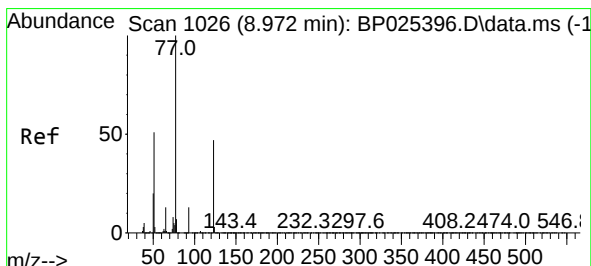
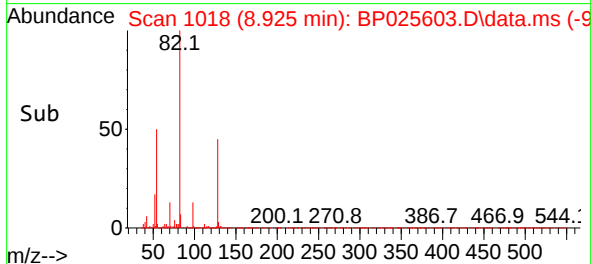
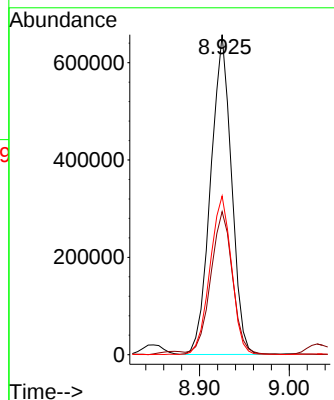
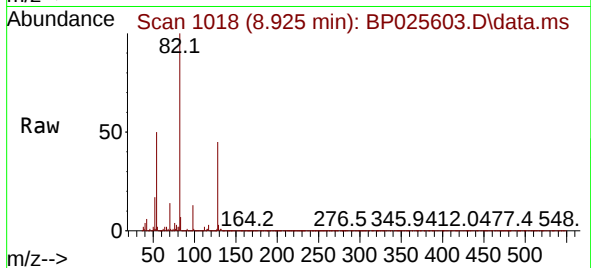




#23
Nitrobenzene-d5
Concen: 92.235 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

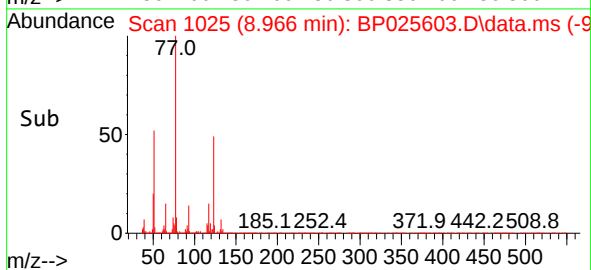
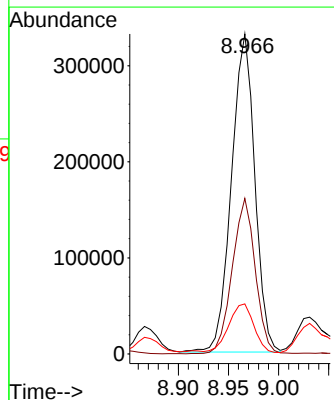
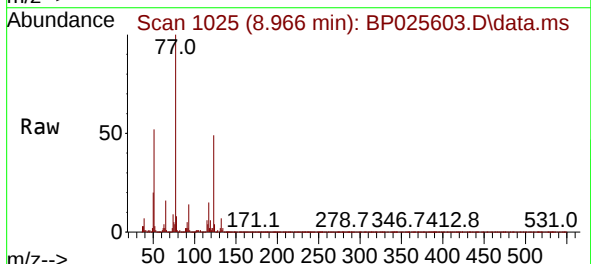
Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

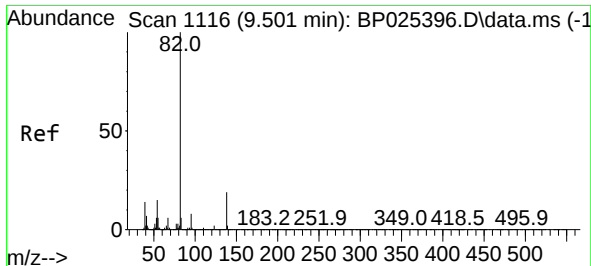
Tgt Ion: 82 Resp: 1058184
Ion Ratio Lower Upper
82 100
128 44.7 37.7 56.5
54 49.6 39.8 59.6



#24
Nitrobenzene
Concen: 52.325 ng
RT: 8.966 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion: 77 Resp: 536503
Ion Ratio Lower Upper
77 100
123 48.6 38.6 58.0
65 15.7 10.6 15.8

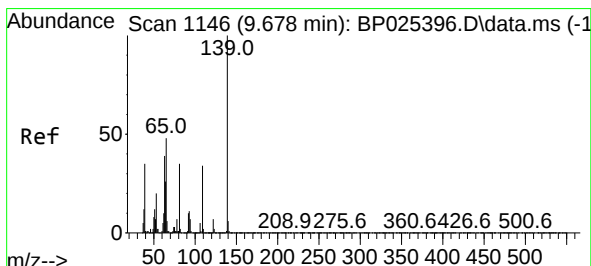
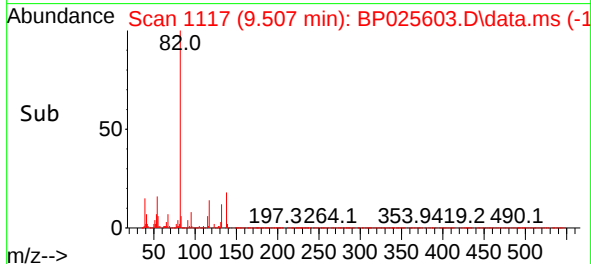
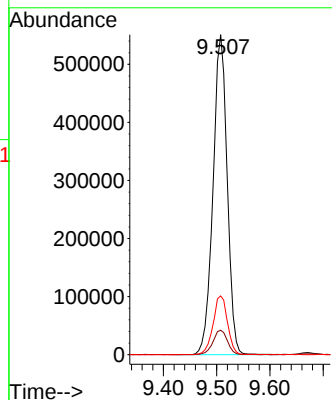
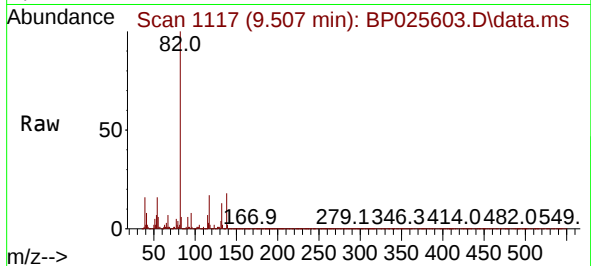




#25
Isophorone
Concen: 49.955 ng
RT: 9.507 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

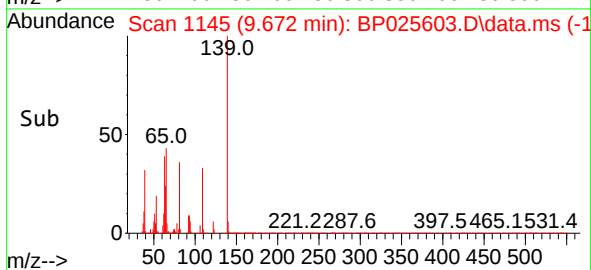
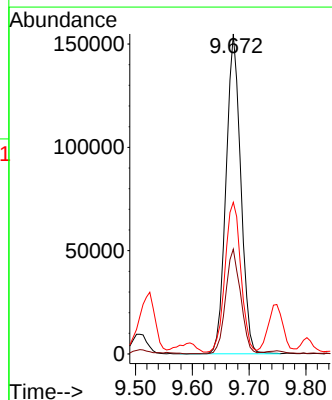
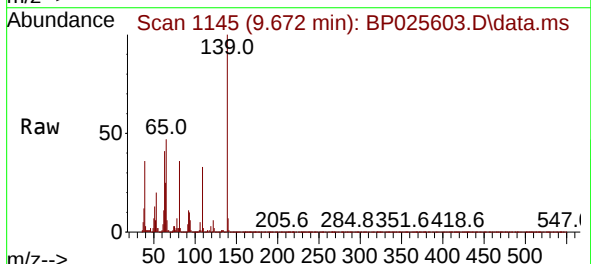
Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

Tgt Ion: 82 Resp: 1014281
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.4 15.4 23.0



#26
2-Nitrophenol
Concen: 53.110 ng
RT: 9.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion: 139 Resp: 279469
Ion Ratio Lower Upper
139 100
109 32.8 26.9 40.3
65 47.4 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 46.088 ng

RT: 9.749 min Scan# 1157

Delta R.T. 0.006 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

Instrument :

BNA_P

ClientSampleId :

MW-201-082025MSD

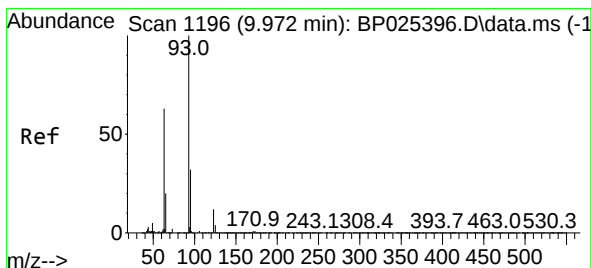
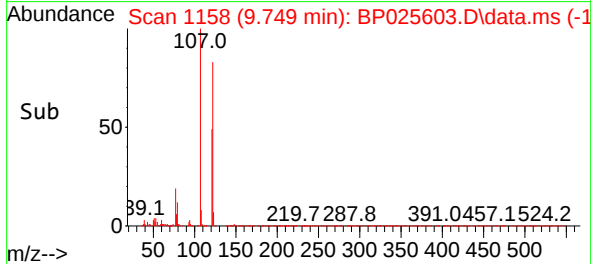
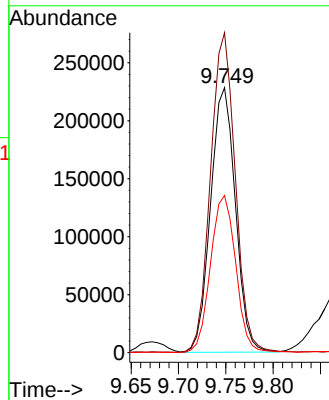
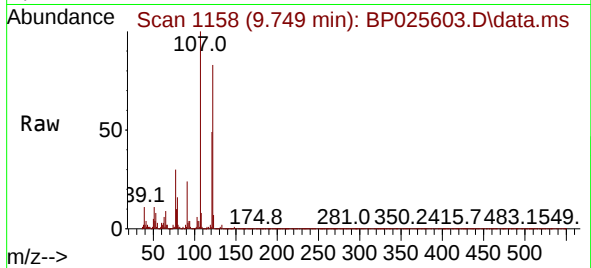
Tgt Ion:122 Resp: 417062

Ion Ratio Lower Upper

122 100

107 120.8 93.7 140.5

121 59.3 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 44.196 ng

RT: 9.984 min Scan# 1198

Delta R.T. 0.012 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

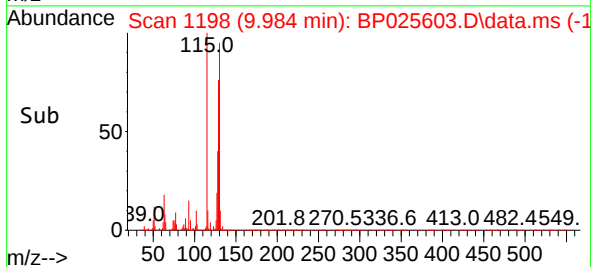
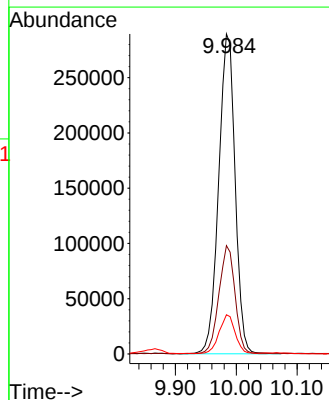
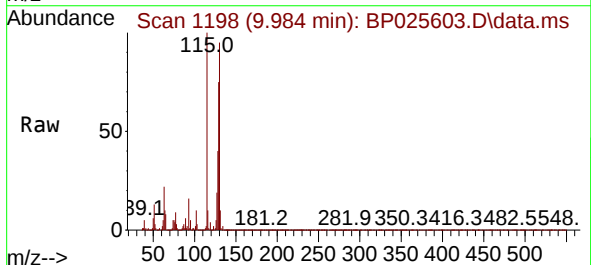
Tgt Ion: 93 Resp: 542429

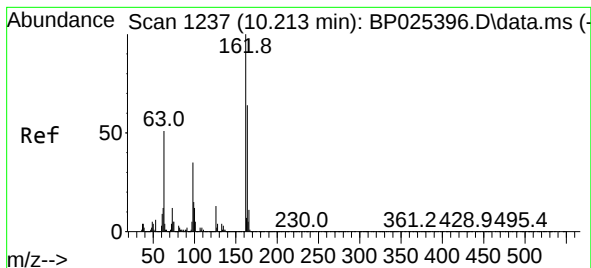
Ion Ratio Lower Upper

93 100

95 33.9 25.4 38.0

123 12.3 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 49.981 ng

RT: 10.231 min Scan# 1

Delta R.T. 0.018 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

Instrument :

BNA_P

ClientSampleId :

MW-201-082025MSD

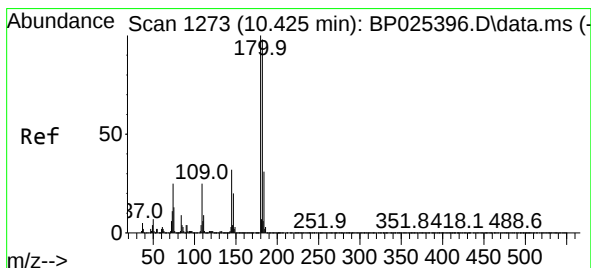
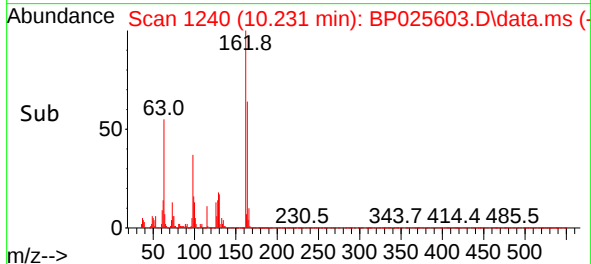
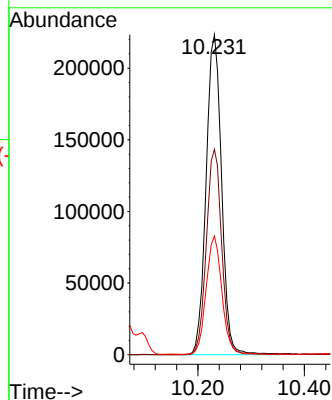
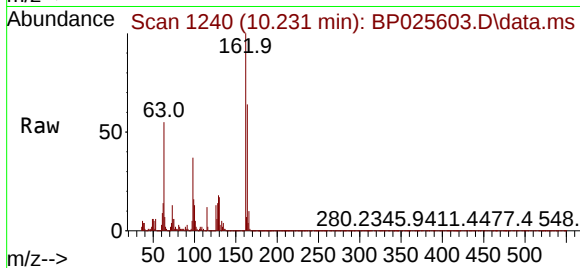
Tgt Ion:162 Resp: 449299

Ion Ratio Lower Upper

162 100

164 64.2 44.4 84.4

98 37.0 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 47.708 ng

RT: 10.443 min Scan# 1276

Delta R.T. 0.018 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

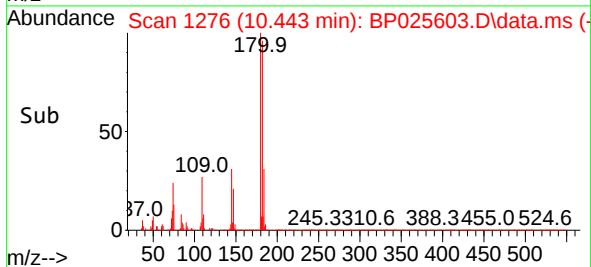
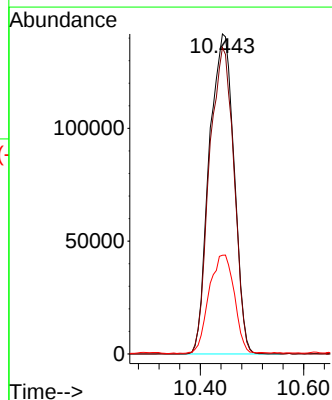
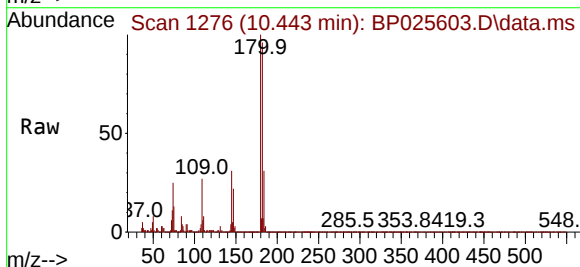
Tgt Ion:180 Resp: 470127

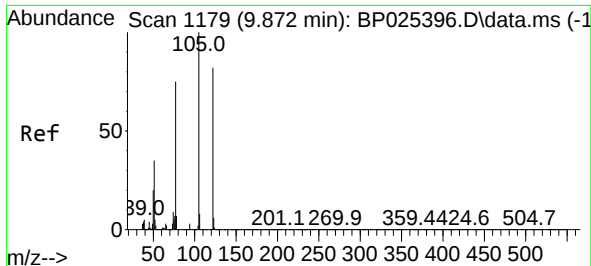
Ion Ratio Lower Upper

180 100

182 95.8 78.0 117.0

145 30.9 25.9 38.9

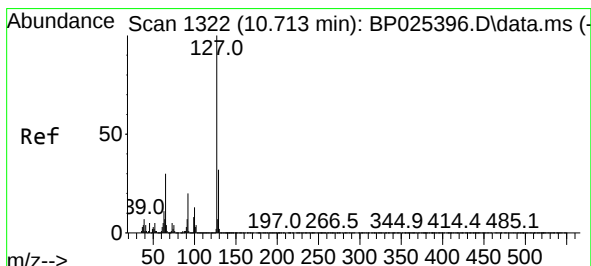
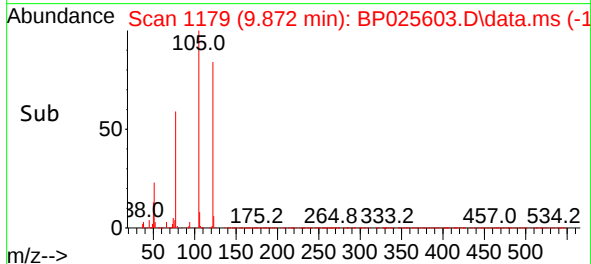
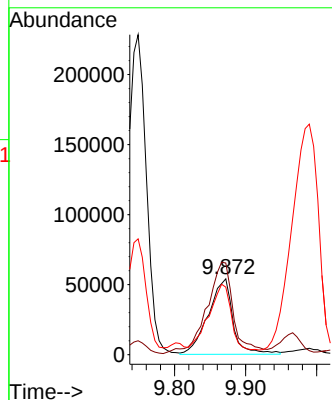
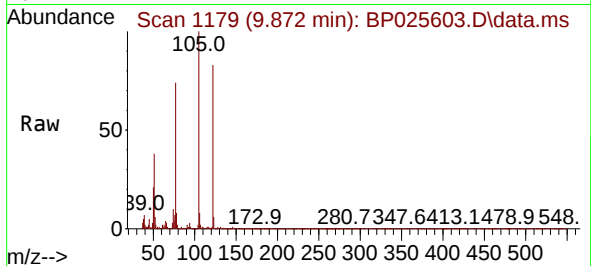




#32
Benzoic acid
Concen: 19.528 ng
RT: 9.872 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

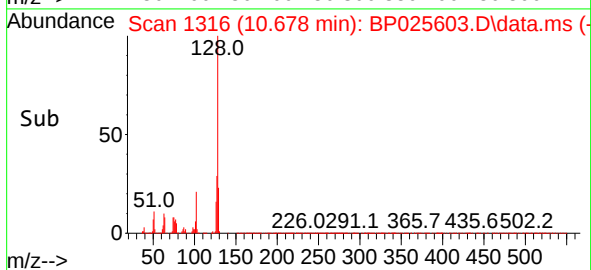
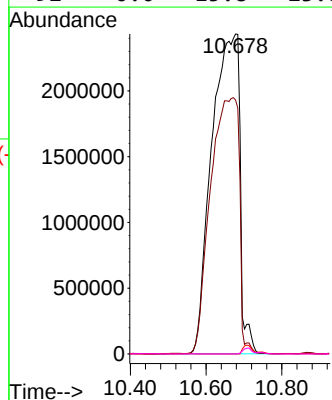
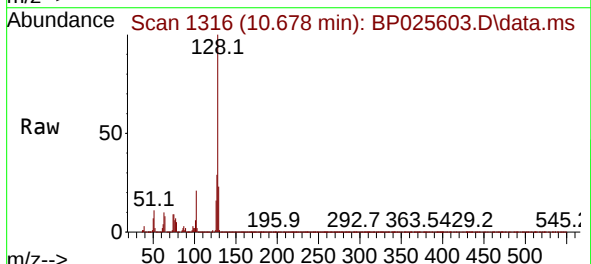
Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

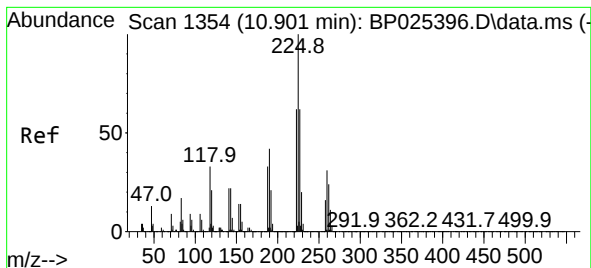
Tgt Ion:122 Resp: 130466
Ion Ratio Lower Upper
122 100
105 120.9 100.6 140.6
77 89.0 71.5 111.5



#33
4-Chloroaniline
Concen: 943.423 ng
RT: 10.678 min Scan# 1316
Delta R.T. -0.035 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:127 Resp:12570328
Ion Ratio Lower Upper
127 100
129 79.3 25.4 38.2#
65 0.0 23.8 35.6#
92 0.0 15.8 23.8#





#34

Hexachlorobutadiene

Concen: 43.939 ng

RT: 10.884 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

Instrument :

BNA_P

ClientSampleId :

MW-201-082025MSD

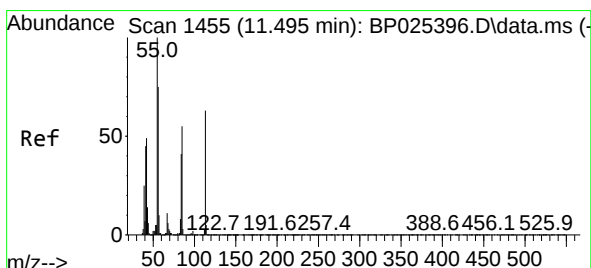
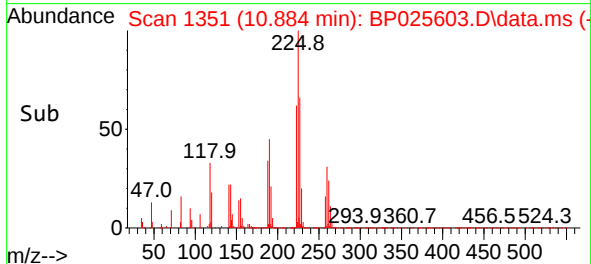
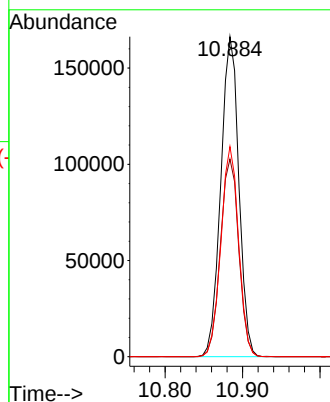
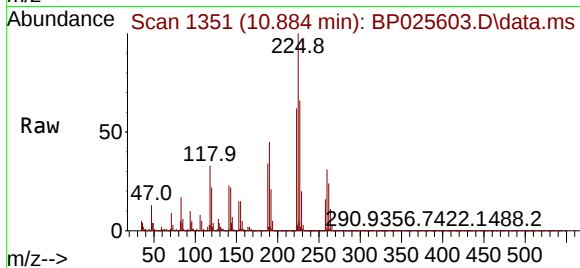
Tgt Ion:225 Resp: 269655

Ion Ratio Lower Upper

225 100

223 61.7 50.0 75.0

227 65.6 49.7 74.5



#35

Caprolactam

Concen: 10.015 ng

RT: 11.507 min Scan# 1457

Delta R.T. 0.012 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

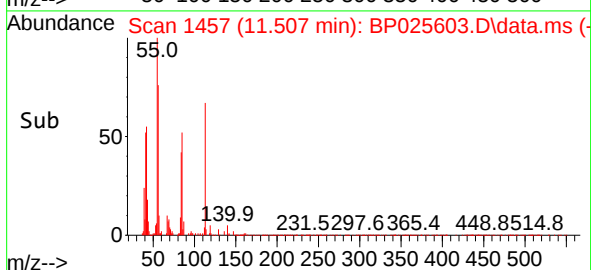
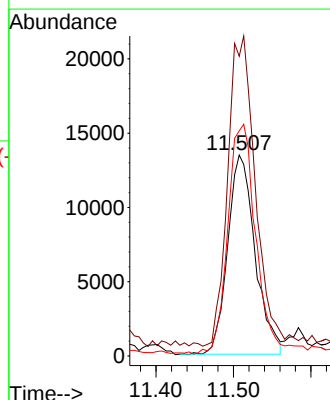
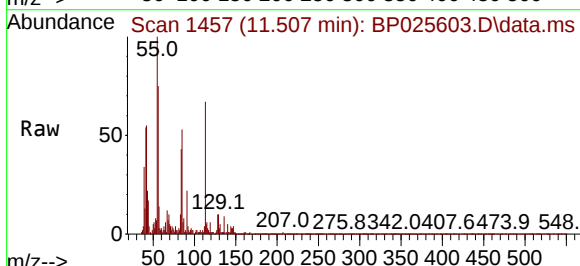
Tgt Ion:113 Resp: 33012

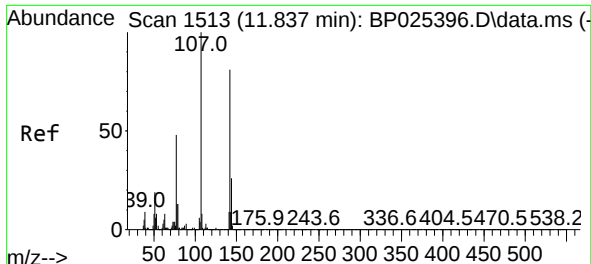
Ion Ratio Lower Upper

113 100

55 149.2 140.0 180.0

56 112.0 100.0 140.0

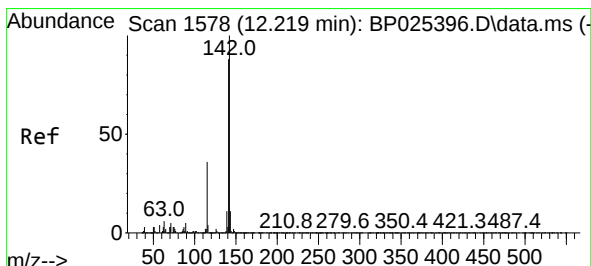
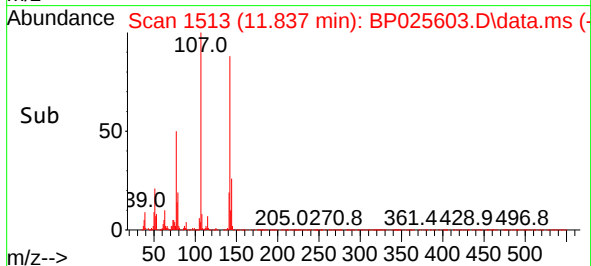
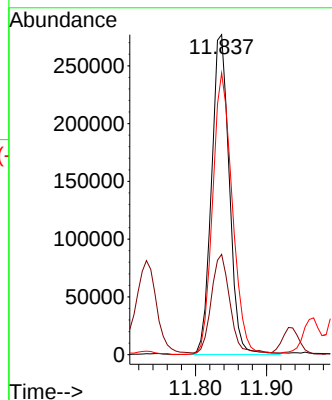
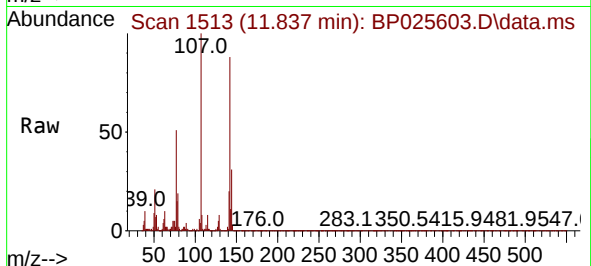




#36
4-Chloro-3-methylphenol
Concen: 46.652 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

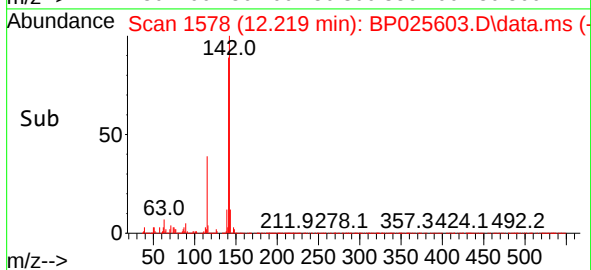
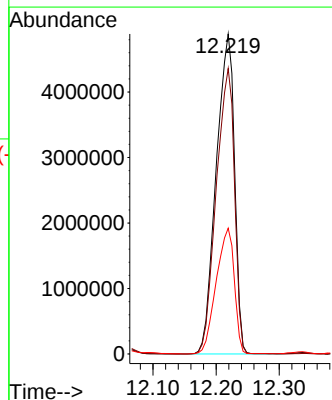
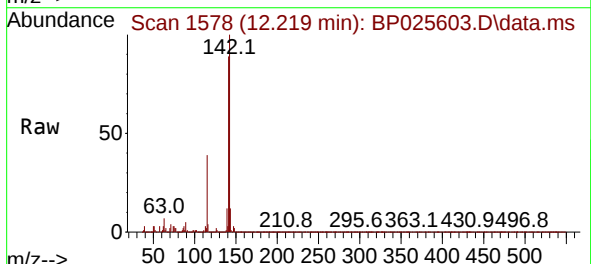
Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

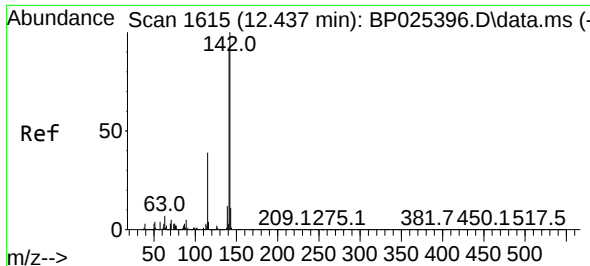
Tgt Ion:107 Resp: 481225
Ion Ratio Lower Upper
107 100
144 31.3 21.0 31.4
142 88.0 64.6 97.0



#37
2-Methylnaphthalene
Concen: 500.959 ng
RT: 12.219 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:142 Resp: 9833822
Ion Ratio Lower Upper
142 100
141 89.2 70.3 105.5
115 39.3 28.9 43.3

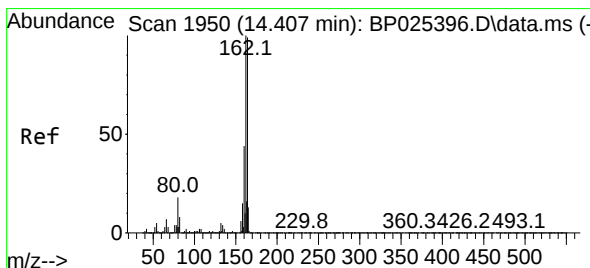
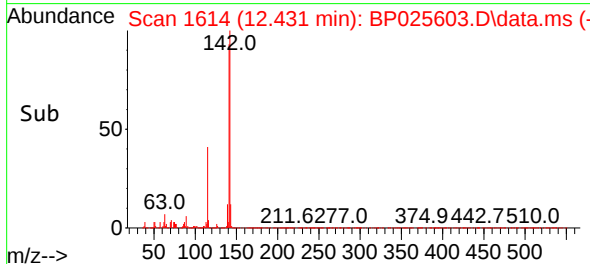
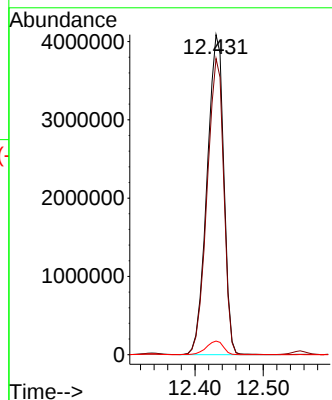
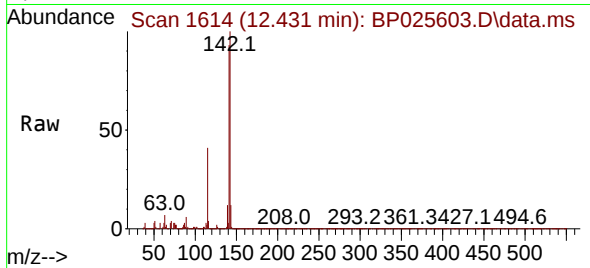




#38
1-Methylnaphthalene
Concen: 333.917 ng
RT: 12.431 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

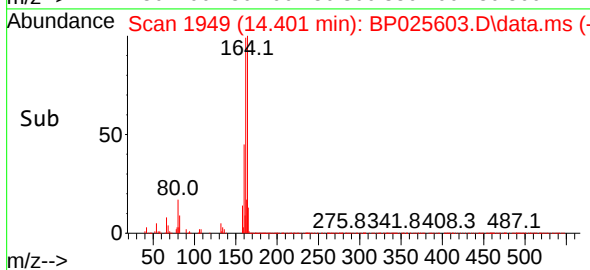
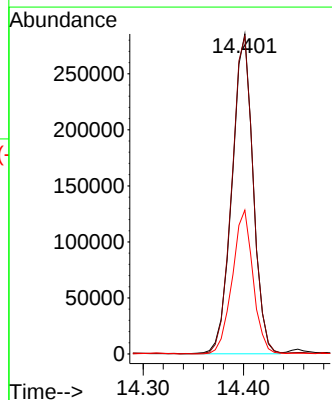
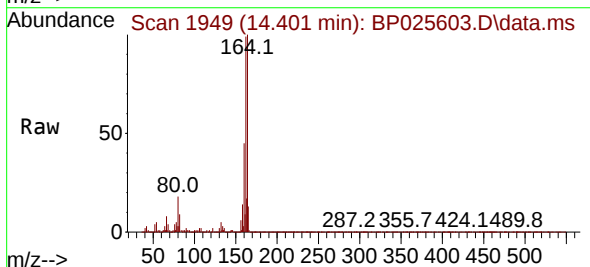
Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

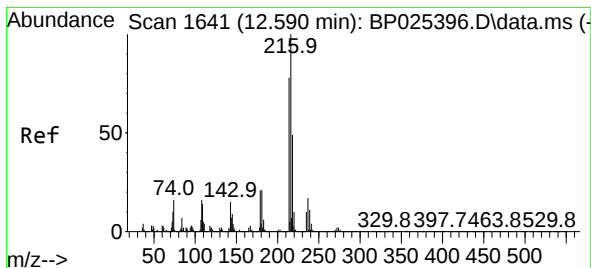
Tgt Ion:142 Resp: 6970742
Ion Ratio Lower Upper
142 100
141 92.5 73.1 109.7
116 4.2 3.2 4.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:164 Resp: 417829
Ion Ratio Lower Upper
164 100
162 99.3 81.0 121.6
160 44.9 35.4 53.2

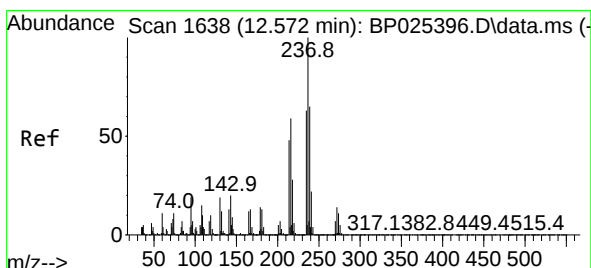
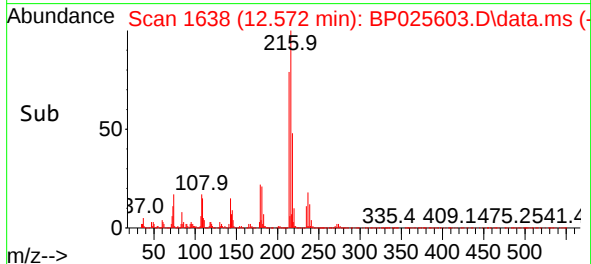
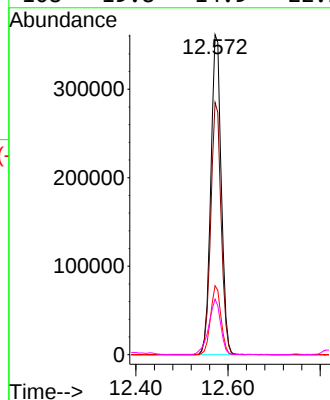
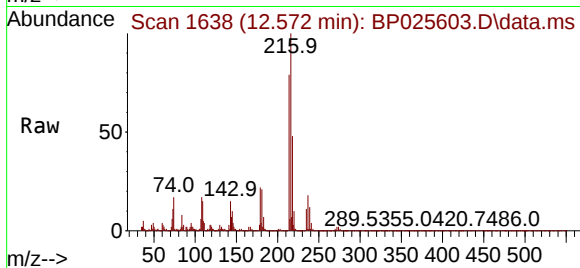




#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.272 ng
RT: 12.572 min Scan# 1638
Delta R.T. -0.018 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

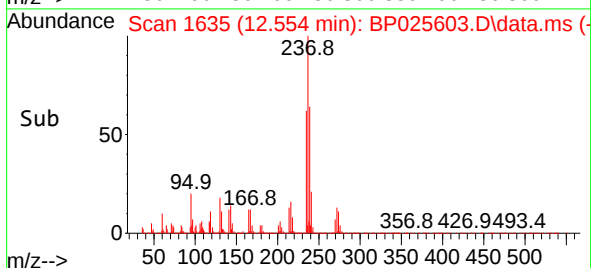
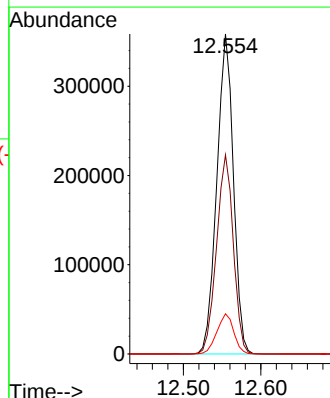
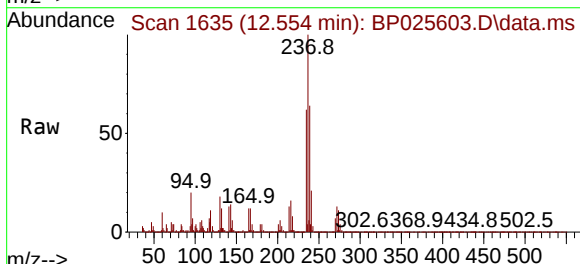
Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

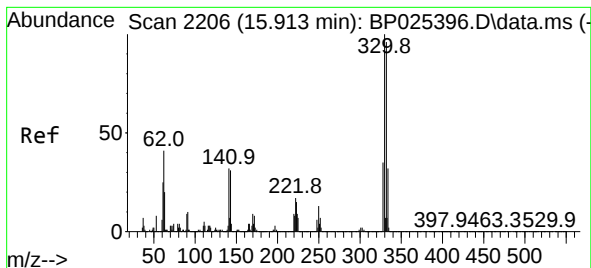
Tgt Ion:	216	Resp:	570448
Ion Ratio	Lower	Upper	
216	100		
214	78.6	63.0	94.4
179	21.5	17.1	25.7
108	19.8	14.9	22.3



#41
Hexachlorocyclopentadiene
Concen: 73.036 ng
RT: 12.554 min Scan# 1635
Delta R.T. -0.018 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:	237	Resp:	532370
Ion Ratio	Lower	Upper	
237	100		
235	62.2	42.7	82.7
272	12.5	0.0	34.0

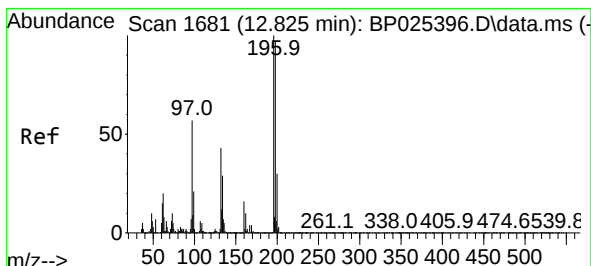
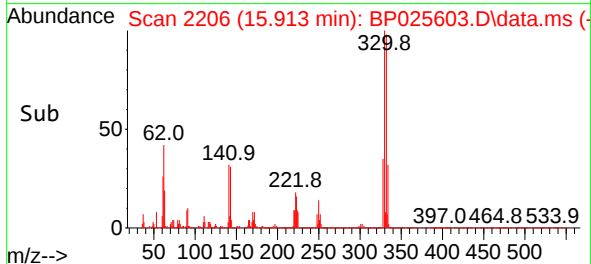
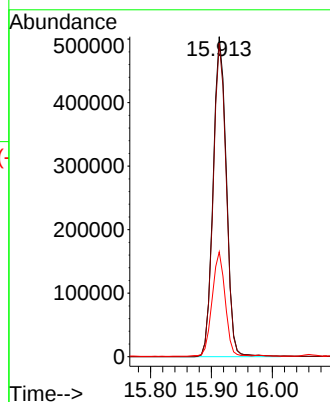
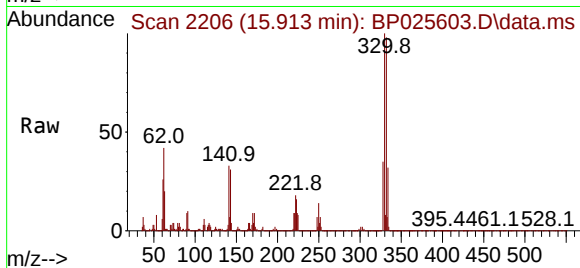




#42
2,4,6-Tribromophenol
Concen: 134.739 ng
RT: 15.913 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

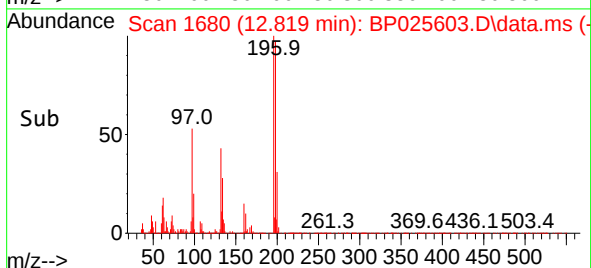
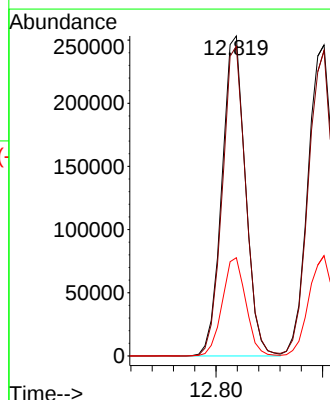
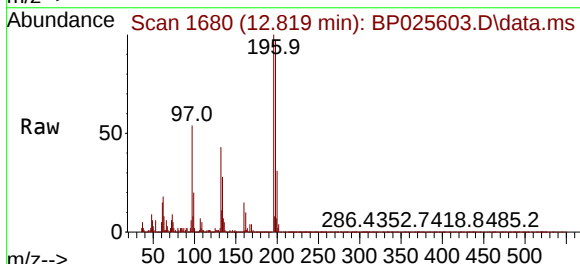
Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

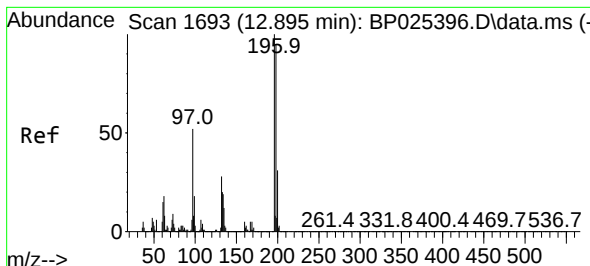
Tgt Ion:330 Resp: 757775
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 32.5 26.6 39.8



#43
2,4,6-Trichlorophenol
Concen: 47.698 ng
RT: 12.819 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:196 Resp: 388583
Ion Ratio Lower Upper
196 100
198 96.9 77.2 115.8
200 30.7 23.9 35.9





#44

2,4,5-Trichlorophenol

Concen: 47.415 ng

RT: 12.901 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

Instrument :

BNA_P

ClientSampleId :

MW-201-082025MSD

Tgt Ion:196 Resp: 423357

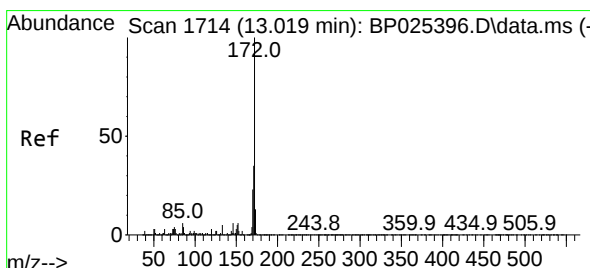
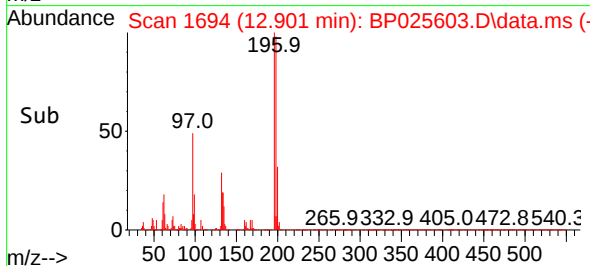
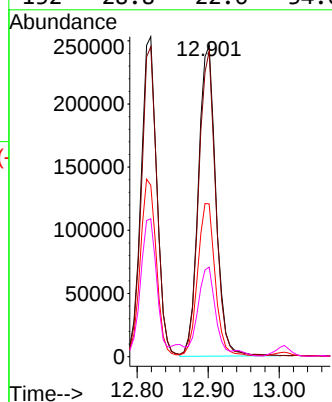
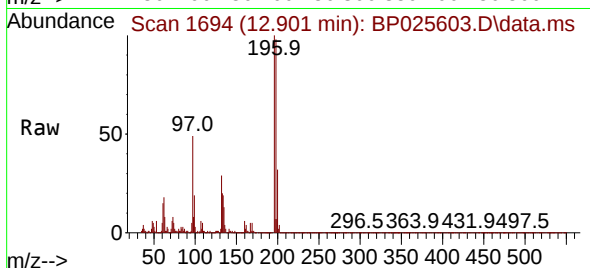
Ion Ratio Lower Upper

196 100

198 98.2 76.2 114.2

97 49.1 41.2 61.8

132 28.8 22.6 34.0



#45

2-Fluorobiphenyl

Concen: 78.060 ng

RT: 13.007 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

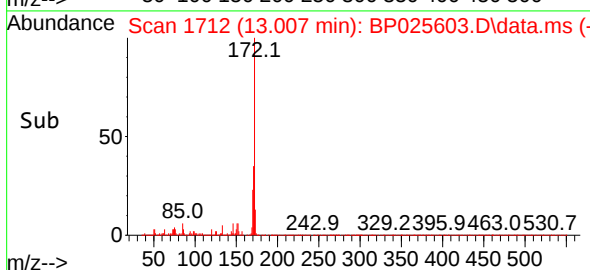
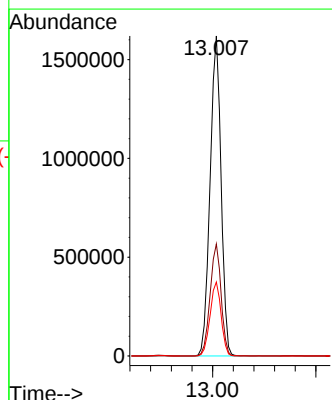
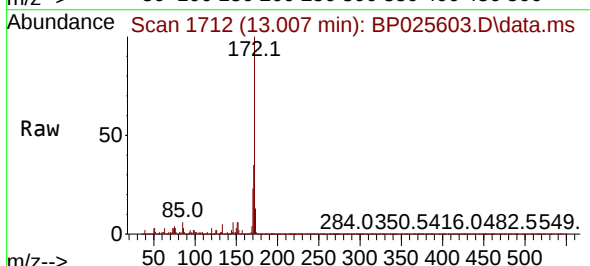
Tgt Ion:172 Resp: 2386494

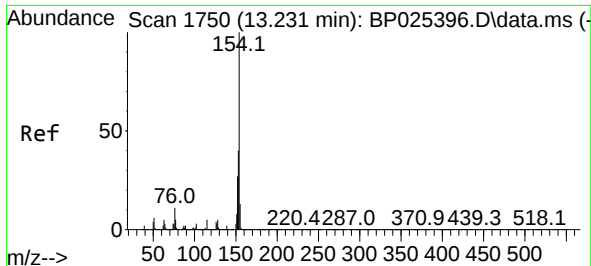
Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.1 18.6 28.0

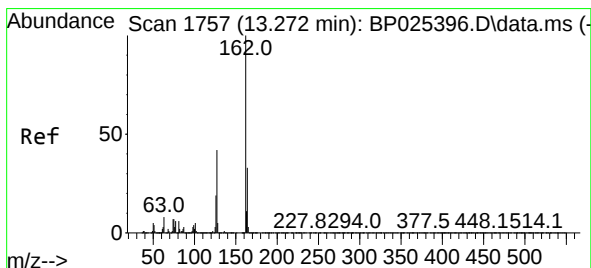
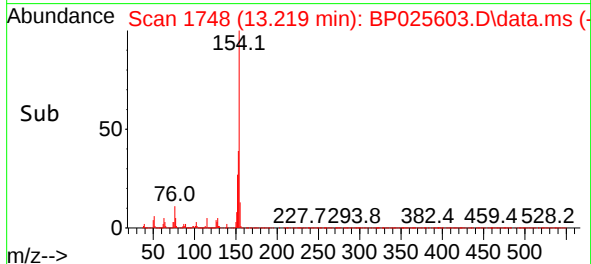
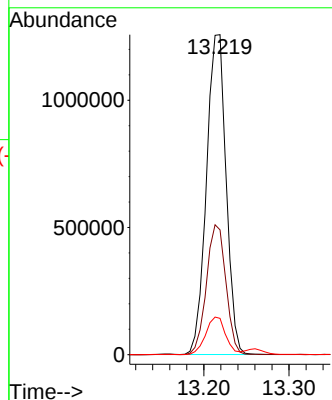
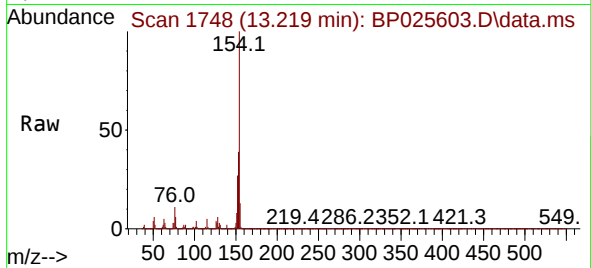




#46
1,1'-Biphenyl
Concen: 66.493 ng
RT: 13.219 min Scan# 1750
Delta R.T. -0.012 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

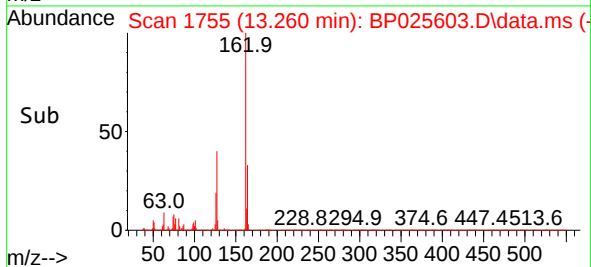
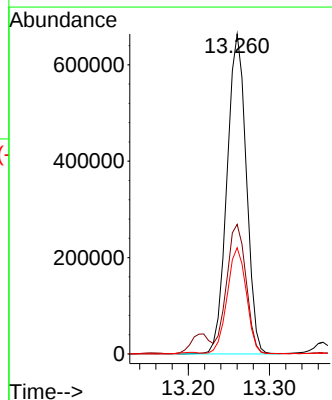
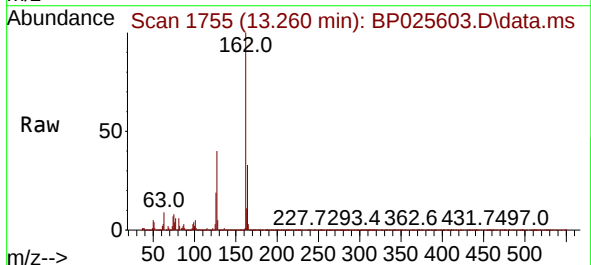
Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

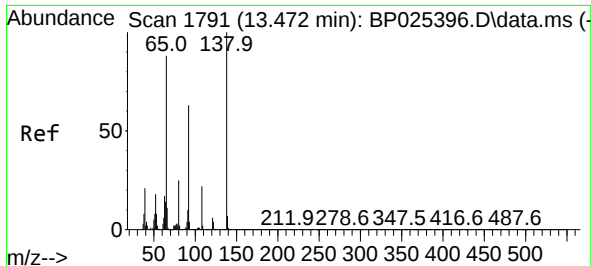
Tgt Ion:154 Resp: 2017741
Ion Ratio Lower Upper
154 100
153 39.0 19.5 59.5
76 11.3 0.0 31.1



#47
2-Chloronaphthalene
Concen: 46.423 ng
RT: 13.260 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:162 Resp: 1096677
Ion Ratio Lower Upper
162 100
127 40.5 33.4 50.2
164 33.2 26.2 39.2

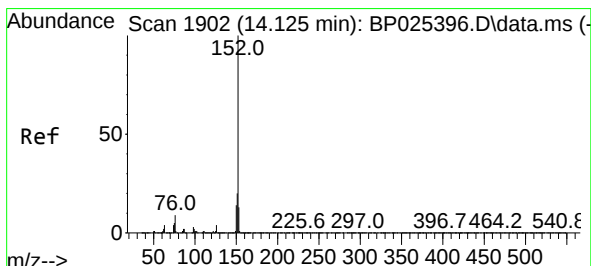
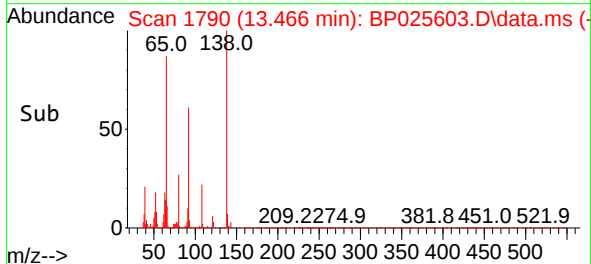
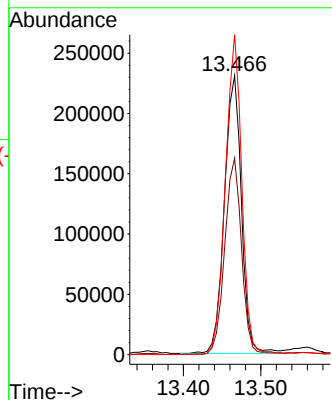
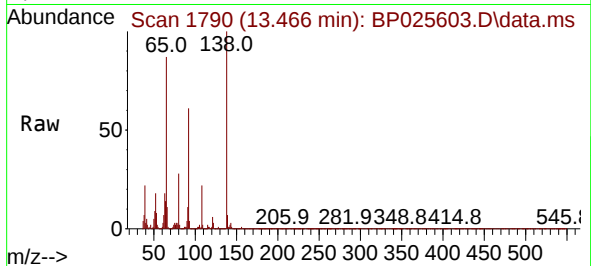




#48
2-Nitroaniline
Concen: 51.231 ng
RT: 13.466 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

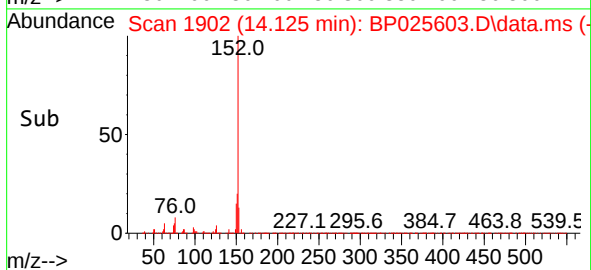
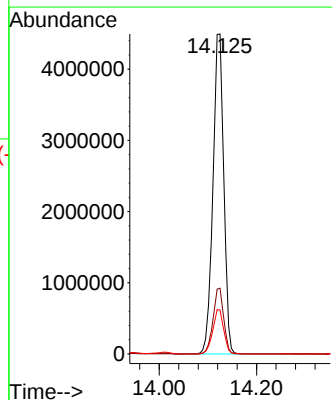
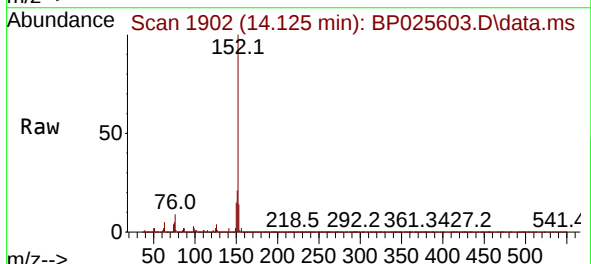
Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

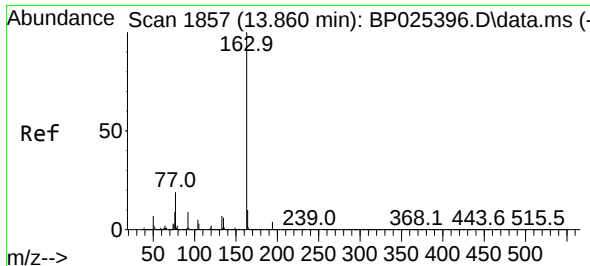
Tgt Ion: 65 Resp: 352640
Ion Ratio Lower Upper
65 100
92 70.4 57.6 86.4
138 114.7 91.0 136.6



#49
Acenaphthylene
Concen: 176.403 ng
RT: 14.125 min Scan# 1902
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:152 Resp: 6895606
Ion Ratio Lower Upper
152 100
151 20.6 16.0 24.0
153 13.7 10.6 15.8

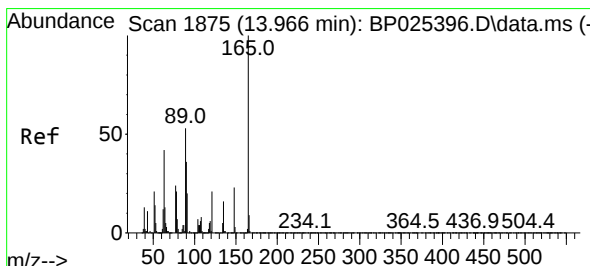
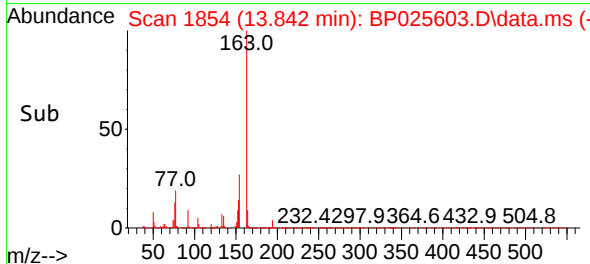
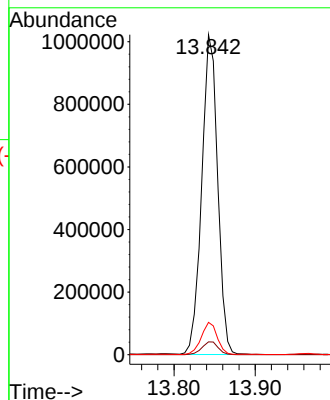
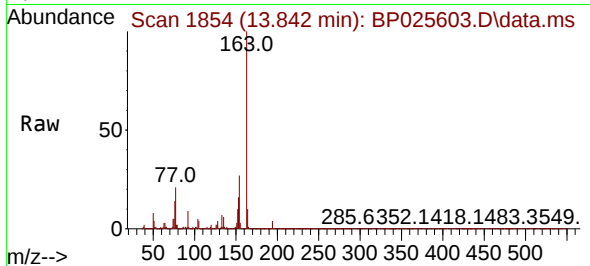




#50
Dimethylphthalate
Concen: 45.456 ng
RT: 13.842 min Scan# 1854
Delta R.T. -0.018 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

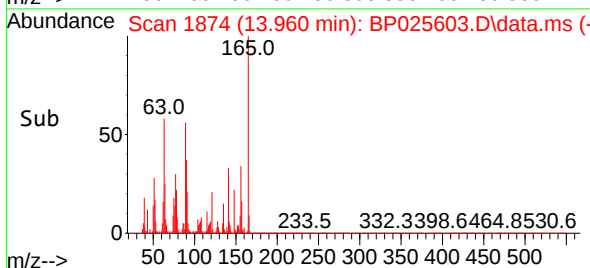
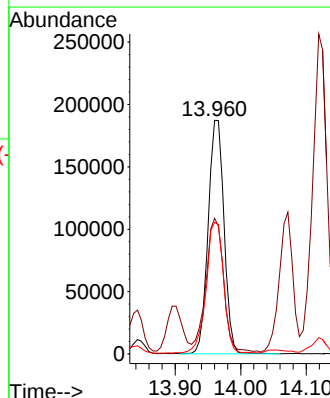
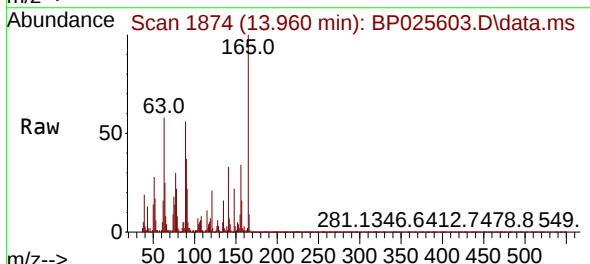
Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

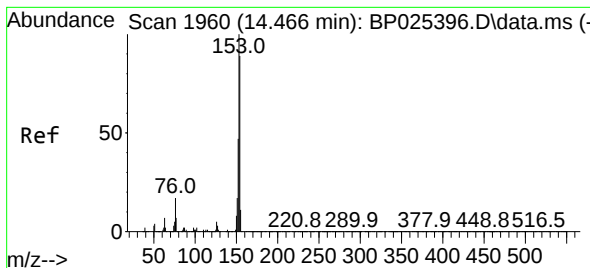
Tgt Ion:163 Resp: 1390812
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.1 7.9 11.9



#51
2,6-Dinitrotoluene
Concen: 48.710 ng
RT: 13.960 min Scan# 1874
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:165 Resp: 314131
Ion Ratio Lower Upper
165 100
63 58.1 40.9 61.3
89 56.4 42.1 63.1





#52

Acenaphthene

Concen: 50.872 ng

RT: 14.466 min Scan# 1960

Delta R.T. 0.000 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

Instrument :

BNA_P

ClientSampleId :

MW-201-082025MSD

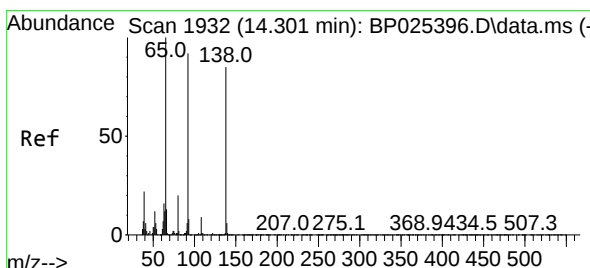
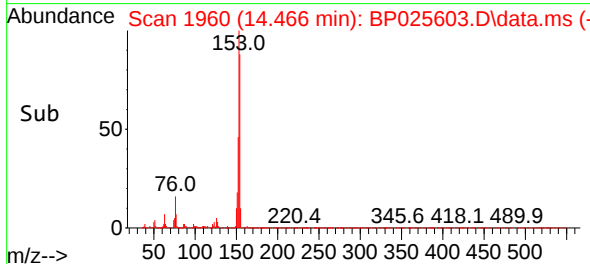
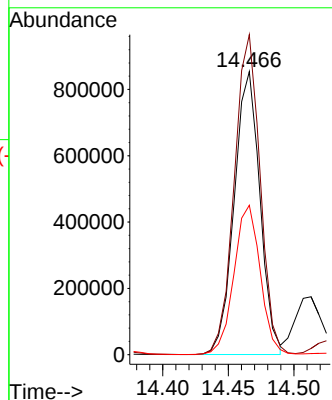
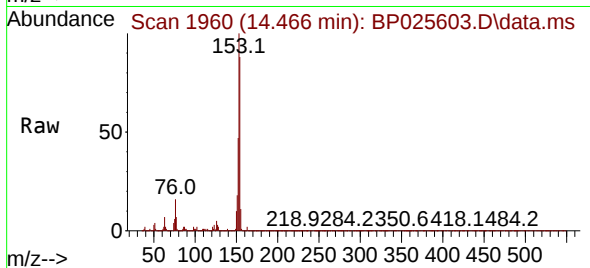
Tgt Ion:154 Resp: 1167251

Ion Ratio Lower Upper

154 100

153 113.0 90.2 135.2

152 52.8 42.1 63.1



#53

3-Nitroaniline

Concen: 30.782 ng

RT: 14.295 min Scan# 1931

Delta R.T. -0.006 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

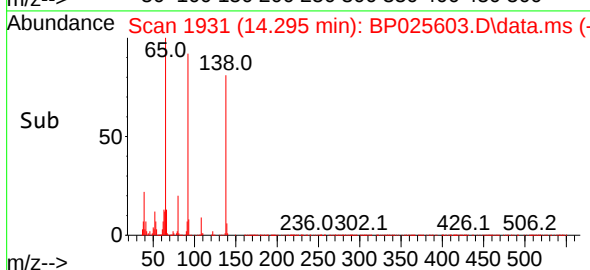
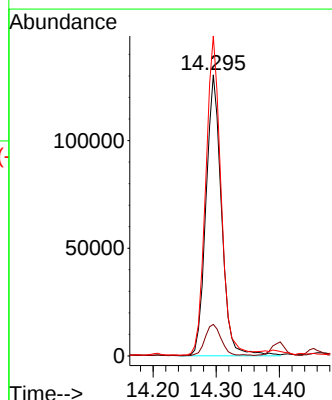
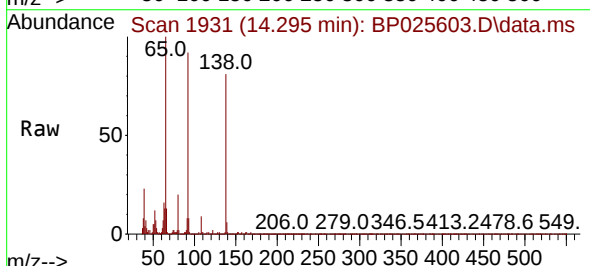
Tgt Ion:138 Resp: 223346

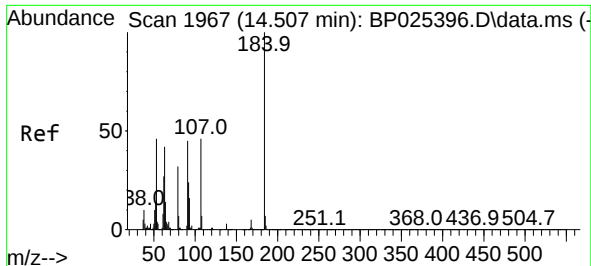
Ion Ratio Lower Upper

138 100

108 11.2 8.3 12.5

92 113.8 86.2 129.2

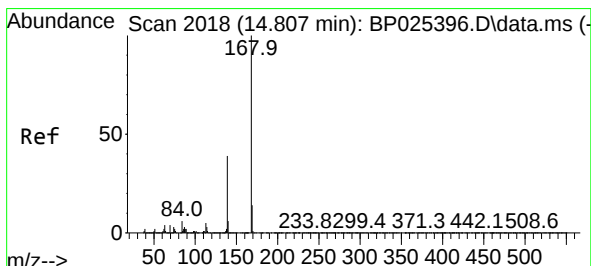
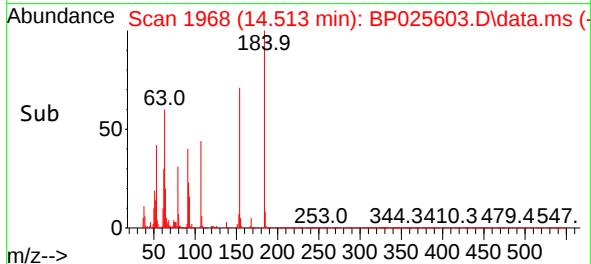
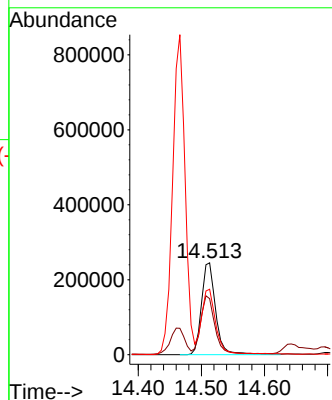
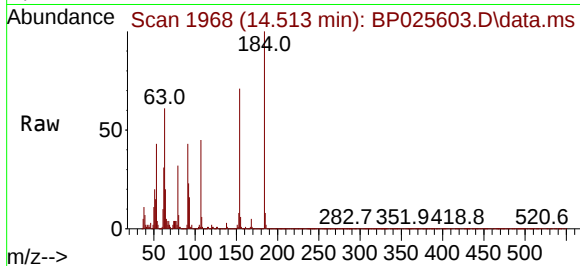




#54
2,4-Dinitrophenol
Concen: 111.288 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

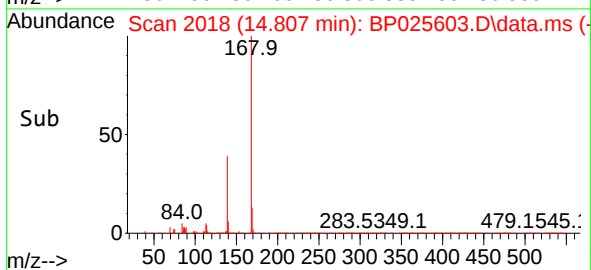
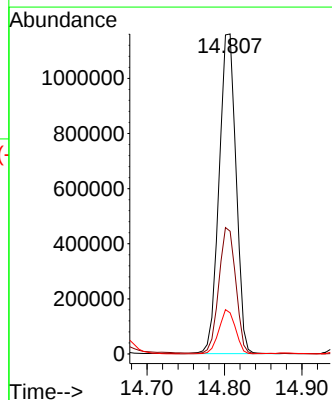
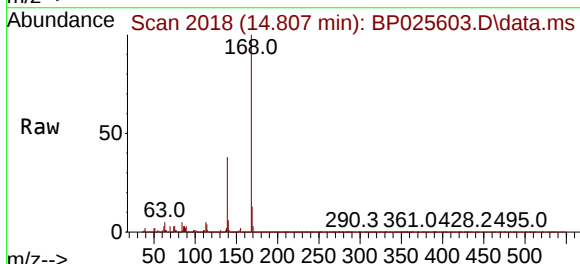
Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

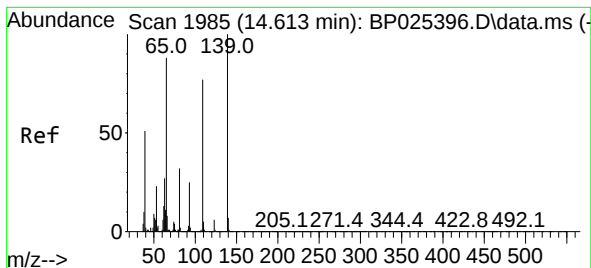
Tgt Ion:184 Resp: 383271
Ion Ratio Lower Upper
184 100
63 61.0 49.4 74.2
154 71.3 54.6 82.0



#55
Dibenzofuran
Concen: 48.631 ng
RT: 14.807 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:168 Resp: 1764171
Ion Ratio Lower Upper
168 100
139 38.3 31.5 47.3
169 12.9 10.9 16.3

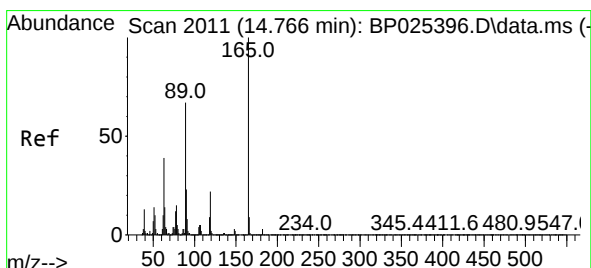
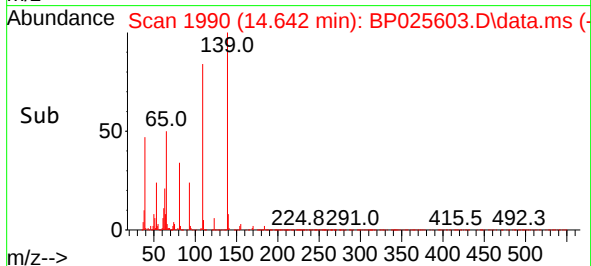
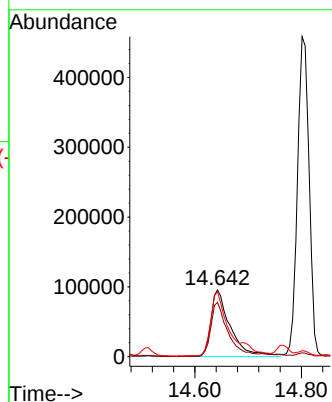
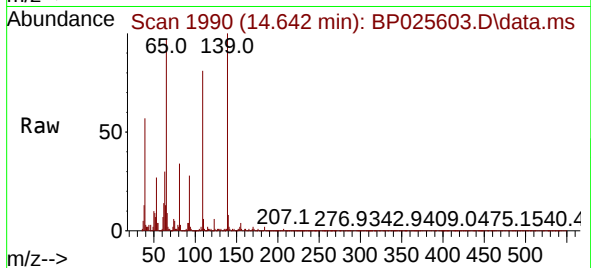




#56
4-Nitrophenol
Concen: 40.537 ng
RT: 14.642 min Scan# 1985
Delta R.T. 0.029 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

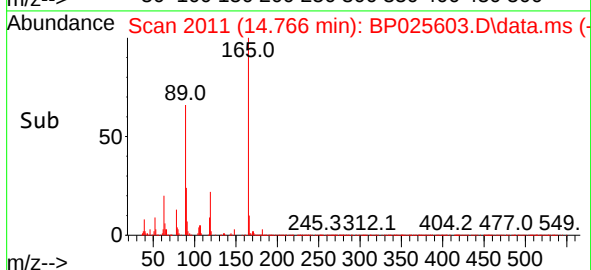
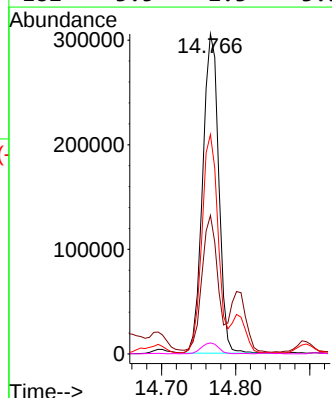
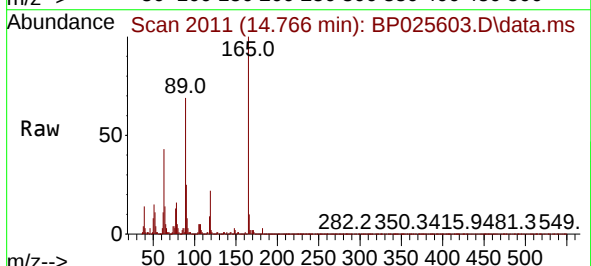
Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

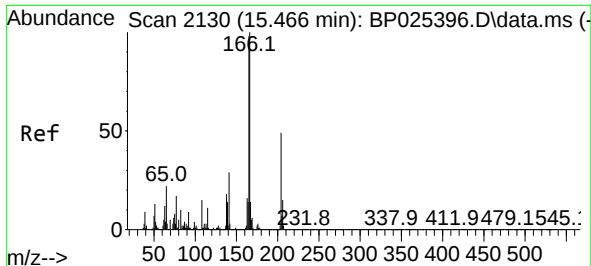
Tgt Ion:139 Resp: 241694
Ion Ratio Lower Upper
139 100
109 81.5 56.6 96.6
65 97.4 68.2 108.2



#57
2,4-Dinitrotoluene
Concen: 49.866 ng
RT: 14.766 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:165 Resp: 458819
Ion Ratio Lower Upper
165 100
63 43.3 31.4 47.2
89 68.6 53.3 79.9
182 3.5 2.3 3.5

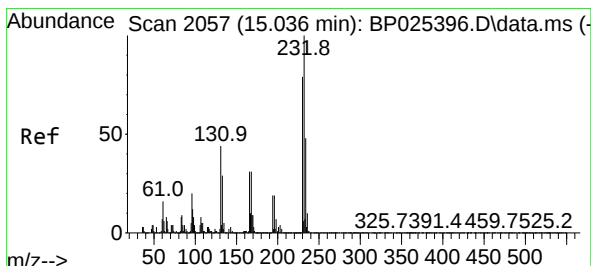
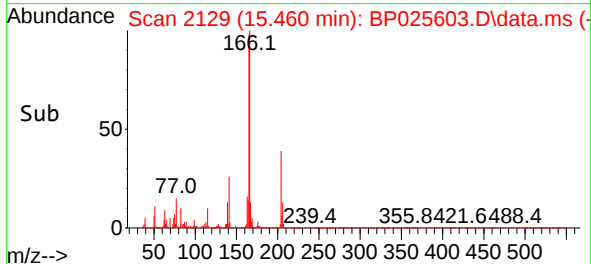
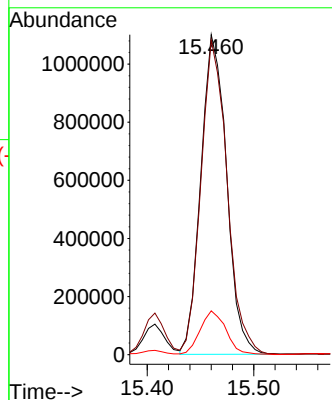
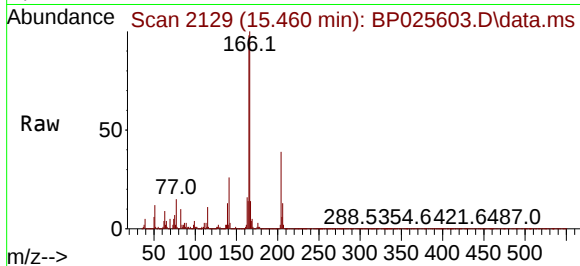




#58
Fluorene
Concen: 64.638 ng
RT: 15.460 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

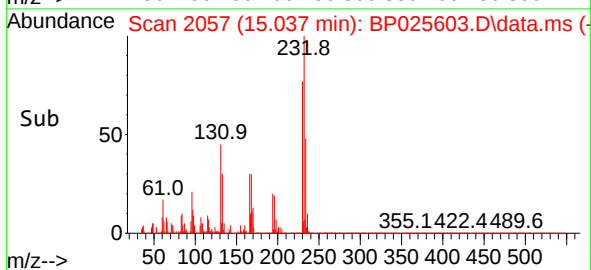
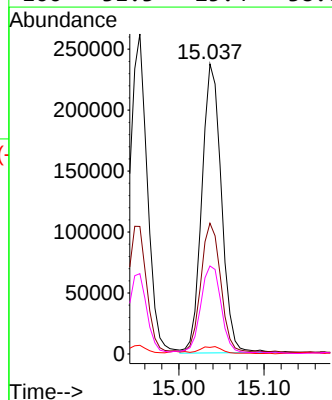
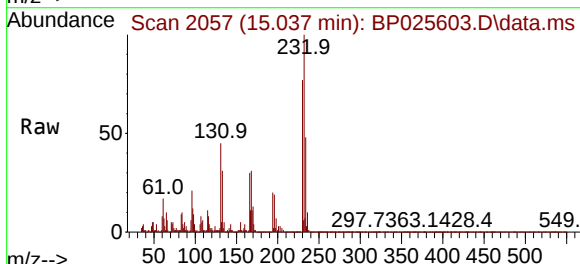
Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

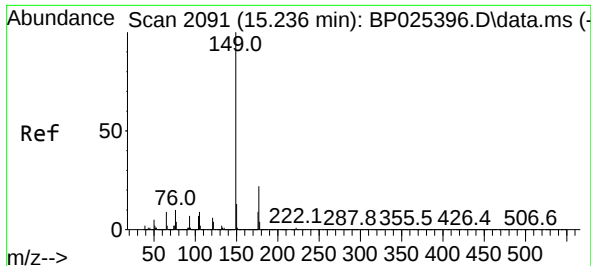
Tgt Ion:166 Resp: 1850230
Ion Ratio Lower Upper
166 100
165 98.3 78.8 118.2
167 13.7 11.0 16.4



#59
2,3,4,6-Tetrachlorophenol
Concen: 48.091 ng
RT: 15.037 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:232 Resp: 379145
Ion Ratio Lower Upper
232 100
131 44.9 37.0 55.6
130 2.7 1.9 2.9
166 31.3 25.4 38.0

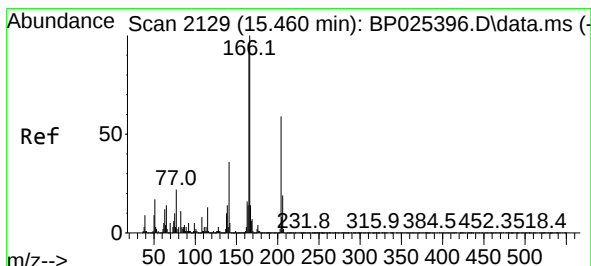
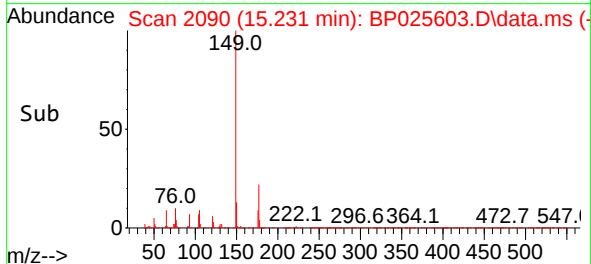
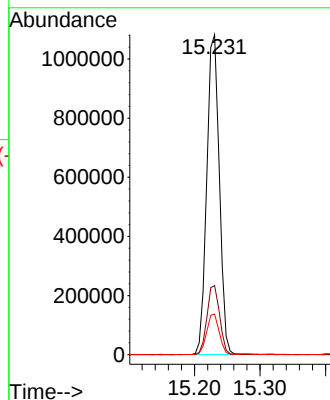
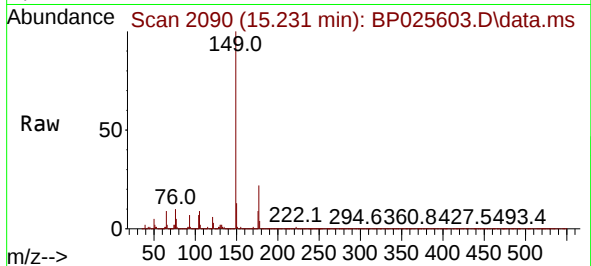




#60
Diethylphthalate
Concen: 46.416 ng
RT: 15.231 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

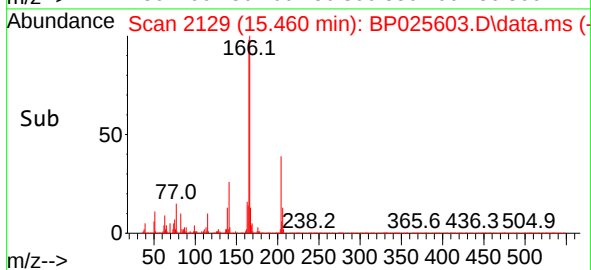
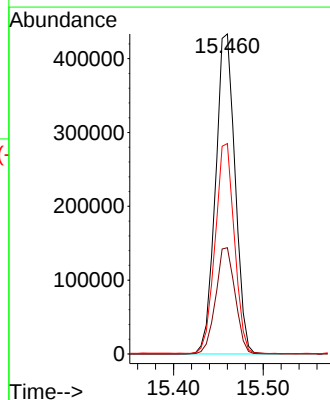
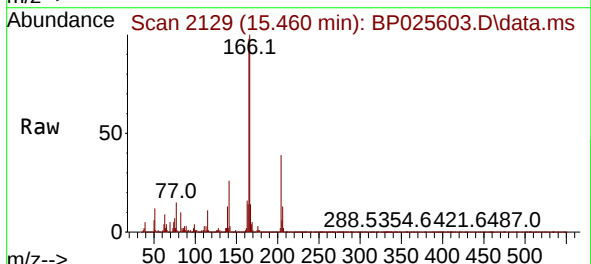
Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

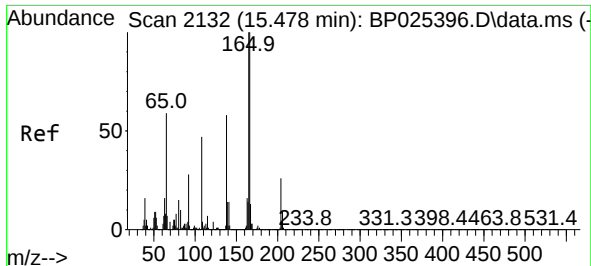
Tgt Ion:149 Resp: 1443076
Ion Ratio Lower Upper
149 100
177 21.6 17.3 25.9
150 12.7 10.3 15.5



#61
4-Chlorophenyl-phenylether
Concen: 46.058 ng
RT: 15.460 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:204 Resp: 655680
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.8
141 65.7 49.4 74.2

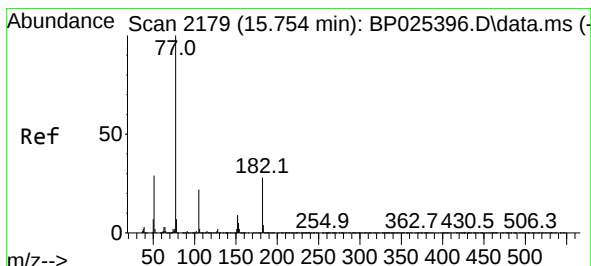
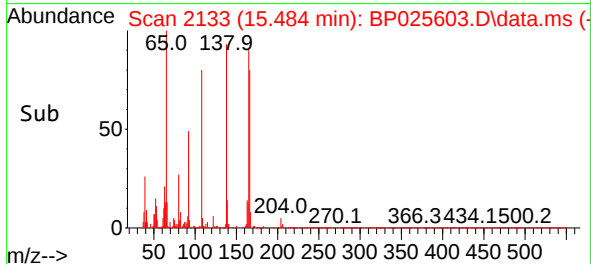
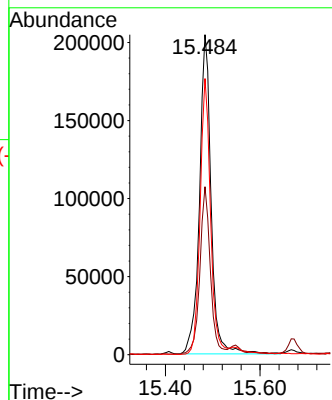
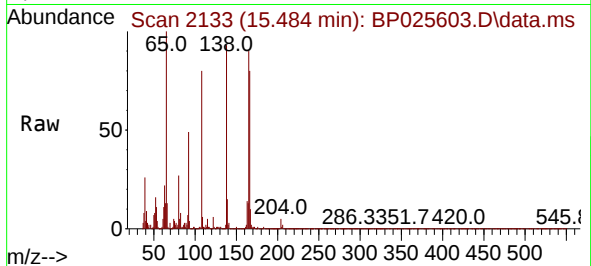




#62
4-Nitroaniline
Concen: 46.936 ng
RT: 15.484 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

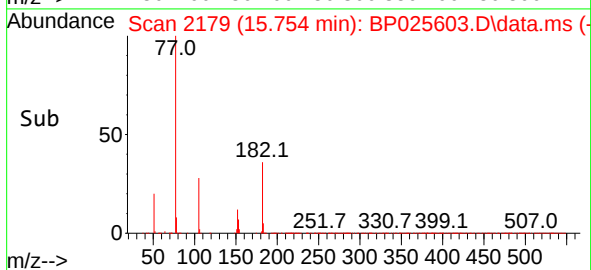
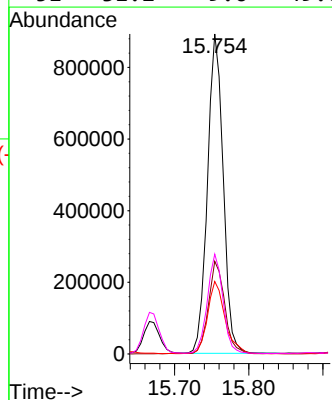
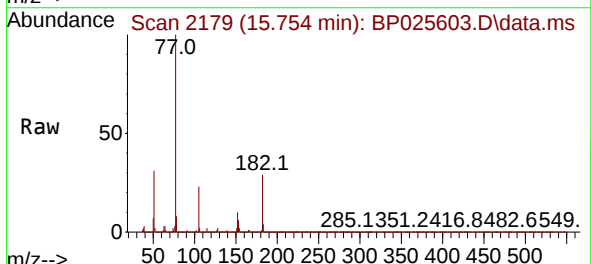
Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

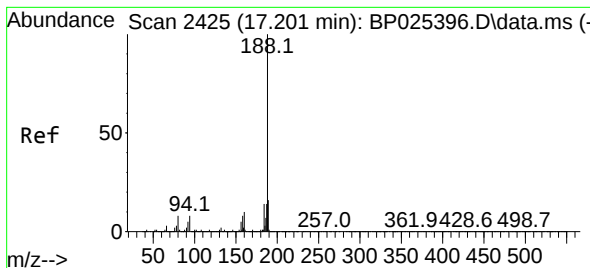
Tgt Ion:138 Resp: 349130
Ion Ratio Lower Upper
138 100
92 52.5 29.1 69.1
108 86.3 61.5 101.5



#63
Azobenzene
Concen: 49.274 ng
RT: 15.754 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion: 77 Resp: 1311741
Ion Ratio Lower Upper
77 100
182 29.0 7.5 47.5
105 22.7 2.1 42.1
51 31.2 9.6 49.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.201 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

Instrument :

BNA_P

ClientSampleId :

MW-201-082025MSD

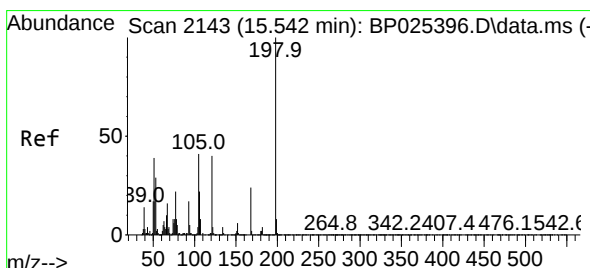
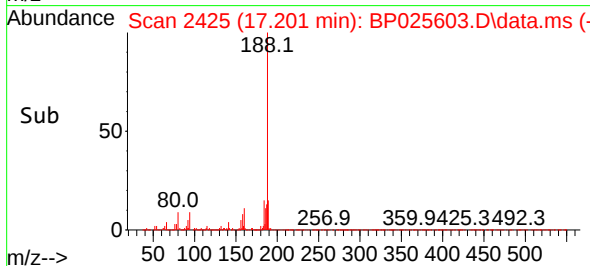
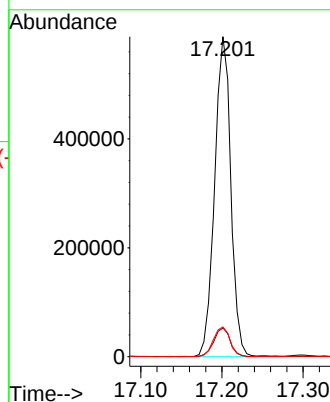
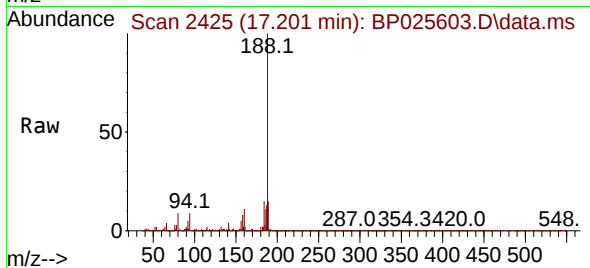
Tgt Ion:188 Resp: 814298

Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

80 9.3 6.7 10.1



#65

4,6-Dinitro-2-methylphenol

Concen: 52.915 ng

RT: 15.548 min Scan# 2144

Delta R.T. 0.006 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

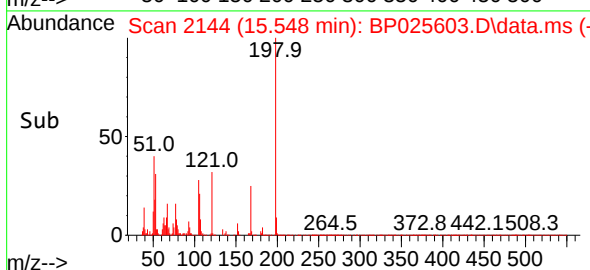
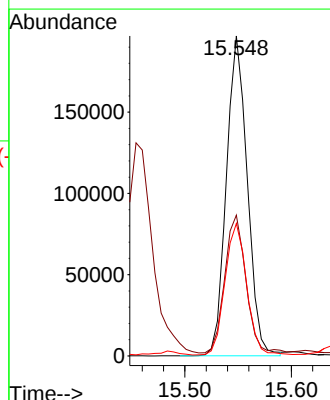
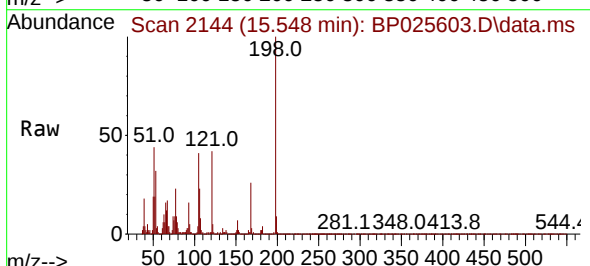
Tgt Ion:198 Resp: 268592

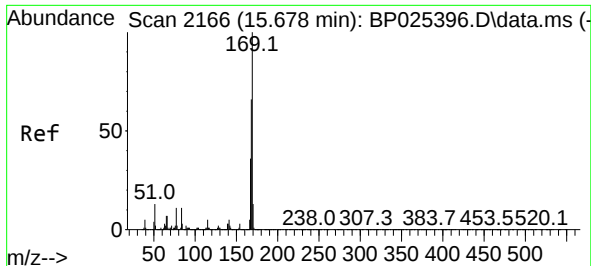
Ion Ratio Lower Upper

198 100

51 44.0 19.6 59.6

105 41.4 20.9 60.9

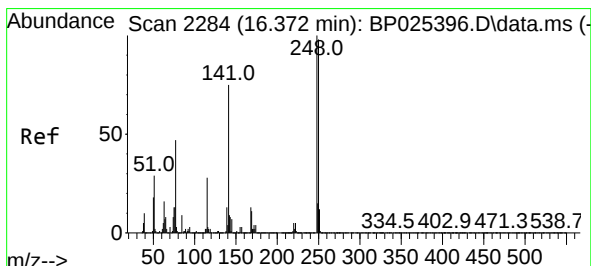
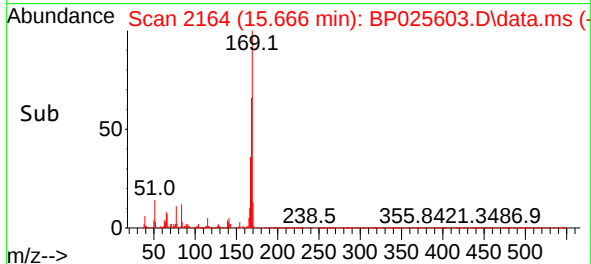
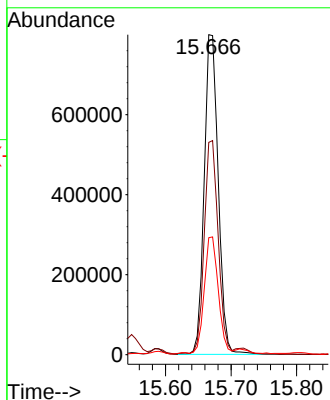
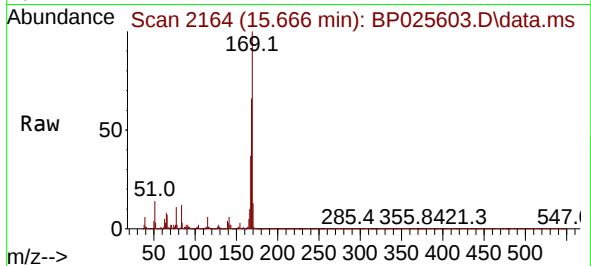




#66
 n-Nitrosodiphenylamine
 Concen: 48.017 ng
 RT: 15.666 min Scan# 2166
 Delta R.T. -0.012 min
 Lab File: BP025603.D
 Acq: 27 Aug 2025 15:00

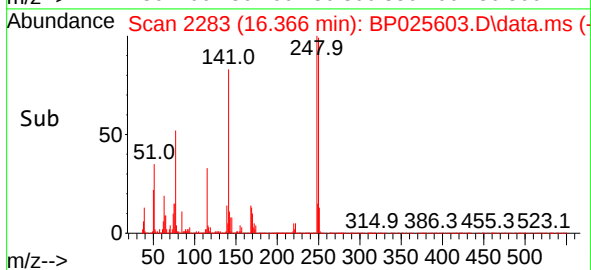
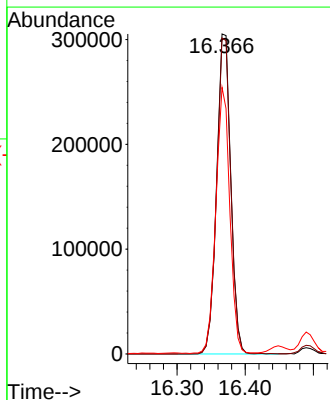
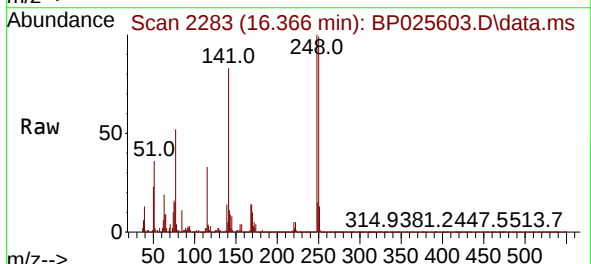
Instrument :
 BNA_P
 ClientSampleId :
 MW-201-082025MSD

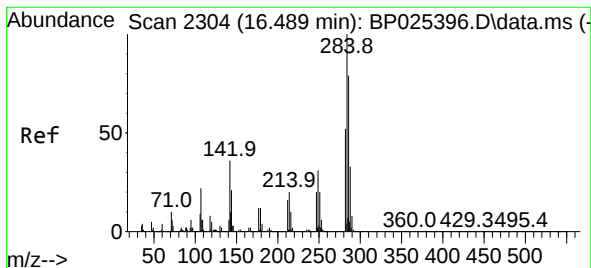
Tgt Ion:169 Resp: 1192328
 Ion Ratio Lower Upper
 169 100
 168 66.4 53.2 79.8
 167 36.5 28.7 43.1



#67
 4-Bromophenyl-phenylether
 Concen: 49.383 ng
 RT: 16.366 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BP025603.D
 Acq: 27 Aug 2025 15:00

Tgt Ion:248 Resp: 442265
 Ion Ratio Lower Upper
 248 100
 250 98.7 78.2 117.2
 141 83.3 59.6 89.4





#68

Hexachlorobenzene

Concen: 49.728 ng

RT: 16.489 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

Instrument :

BNA_P

ClientSampleId :

MW-201-082025MSD

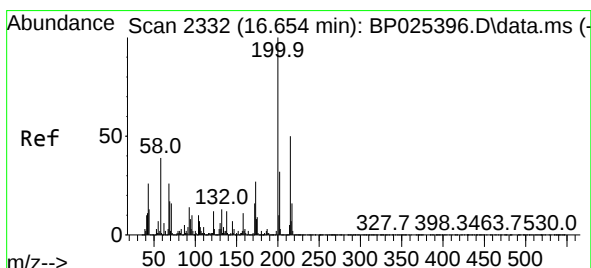
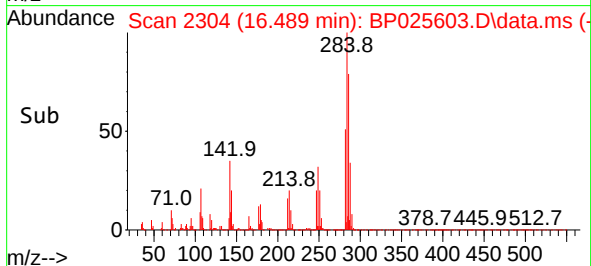
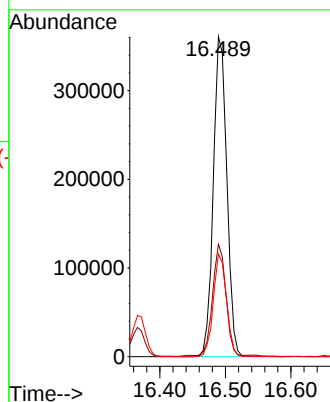
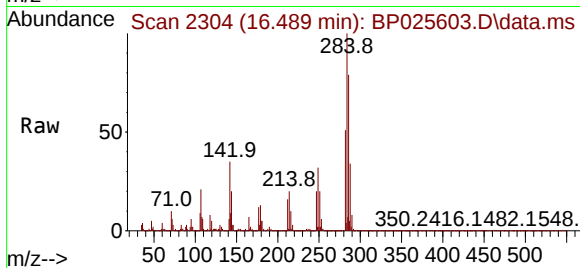
Tgt Ion:284 Resp: 516257

Ion Ratio Lower Upper

284 100

142 35.1 29.1 43.7

249 32.1 25.0 37.4



#69

Atrazine

Concen: 46.099 ng

RT: 16.654 min Scan# 2332

Delta R.T. 0.000 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

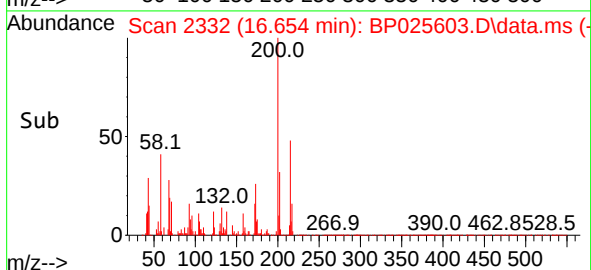
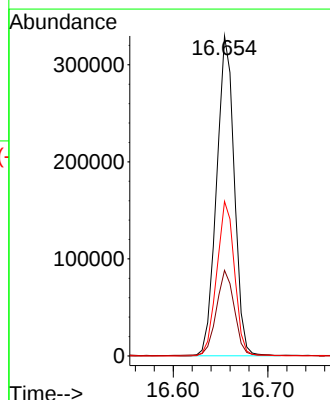
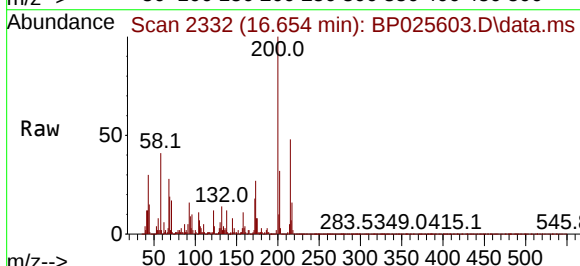
Tgt Ion:200 Resp: 428690

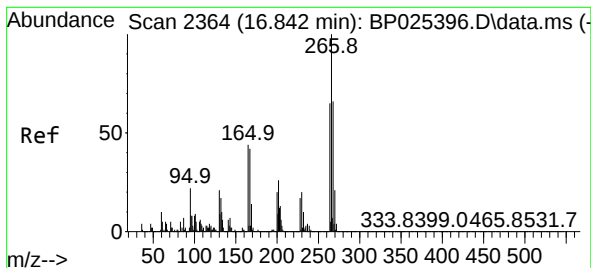
Ion Ratio Lower Upper

200 100

173 26.8 6.7 46.7

215 48.3 29.7 69.7





#70

Pentachlorophenol

Concen: 100.616 ng

RT: 16.848 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

Instrument :

BNA_P

ClientSampleId :

MW-201-082025MSD

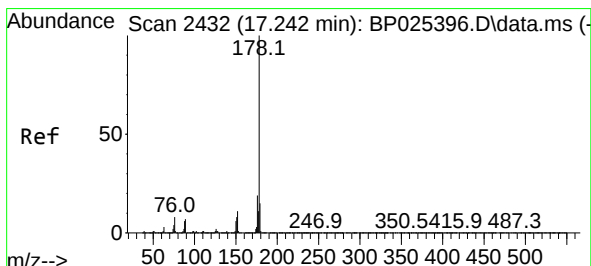
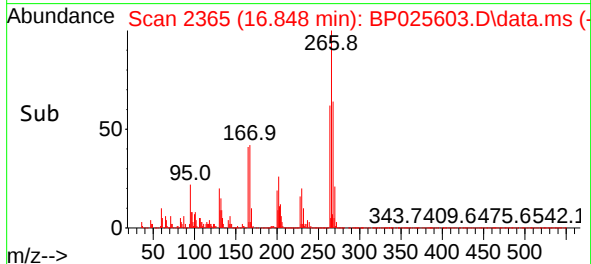
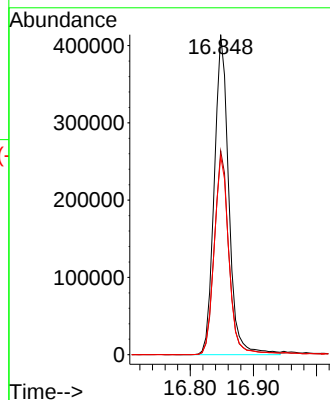
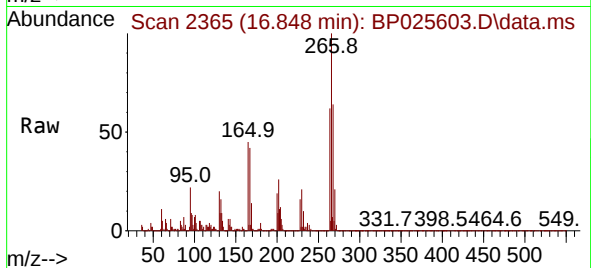
Tgt Ion:266 Resp: 659376

Ion Ratio Lower Upper

266 100

268 63.7 52.6 79.0

264 62.1 52.0 78.0



#71

Phenanthrene

Concen: 63.828 ng

RT: 17.242 min Scan# 2432

Delta R.T. 0.000 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

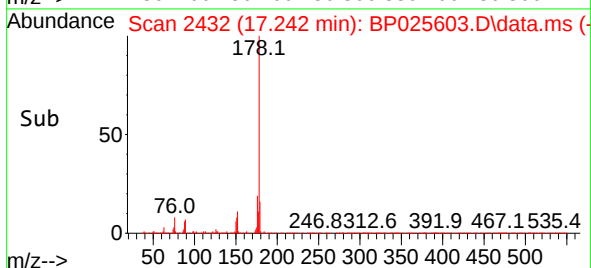
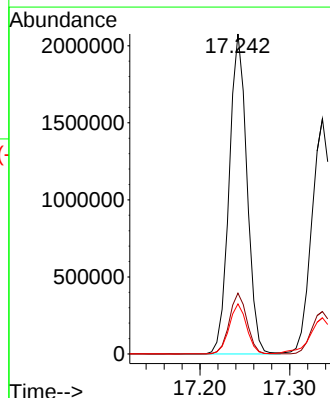
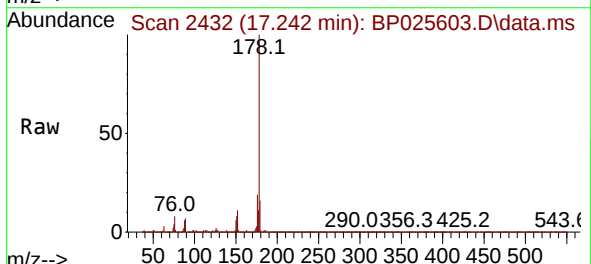
Tgt Ion:178 Resp: 2855159

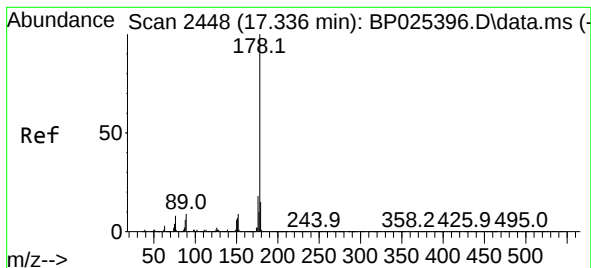
Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

179 15.7 12.2 18.4





#72

Anthracene

Concen: 50.545 ng

RT: 17.336 min Scan# 2448

Delta R.T. 0.000 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

Instrument :

BNA_P

ClientSampleId :

MW-201-082025MSD

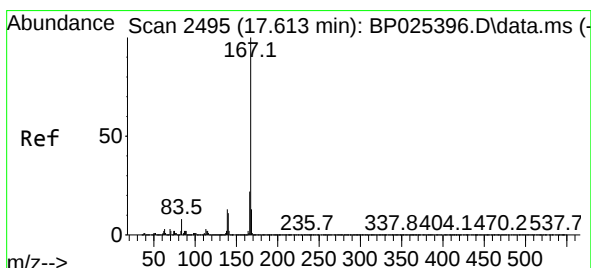
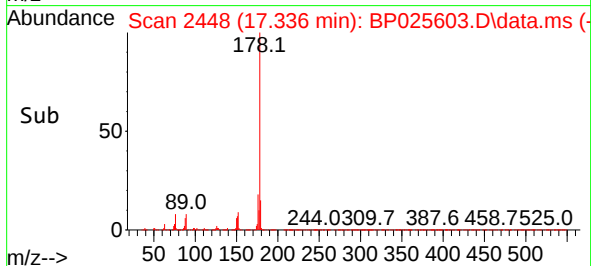
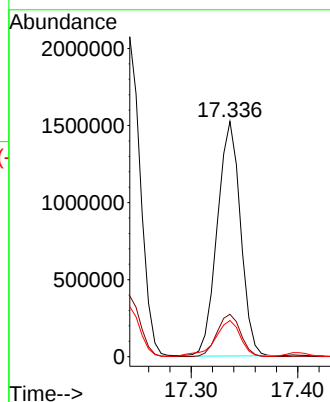
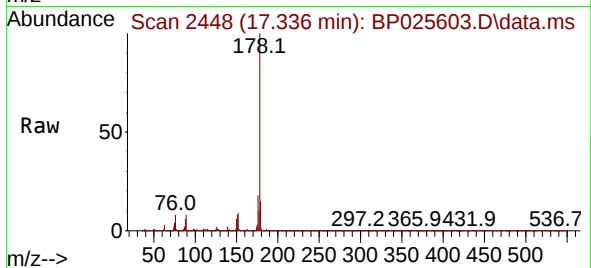
Tgt Ion:178 Resp: 2308905

Ion Ratio Lower Upper

178 100

176 18.0 14.7 22.1

179 15.4 12.2 18.2



#73

Carbazole

Concen: 60.300 ng

RT: 17.619 min Scan# 2496

Delta R.T. 0.006 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

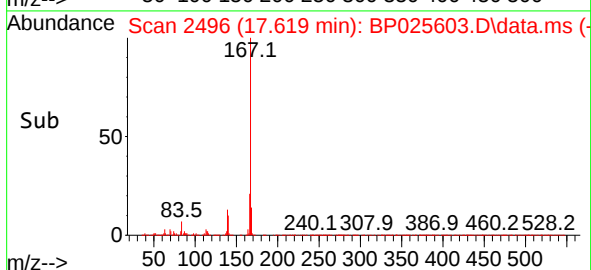
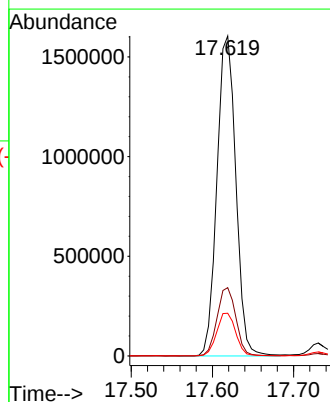
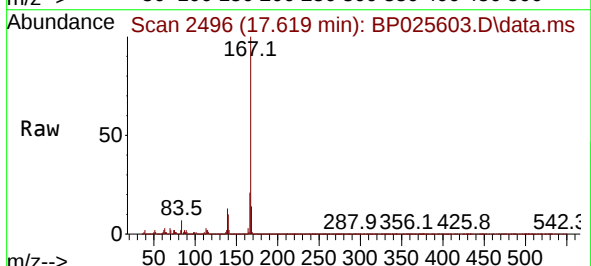
Tgt Ion:167 Resp: 2594549

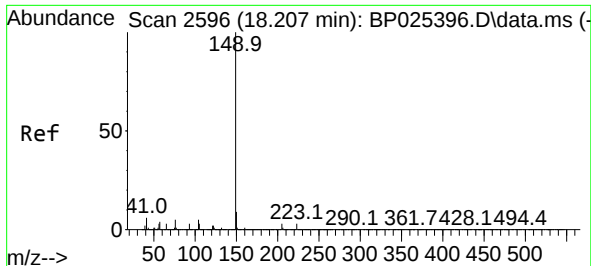
Ion Ratio Lower Upper

167 100

166 21.3 17.5 26.3

139 13.4 10.6 16.0

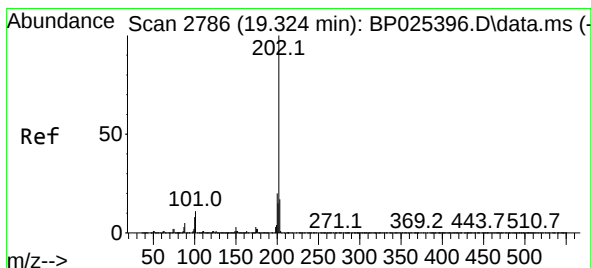
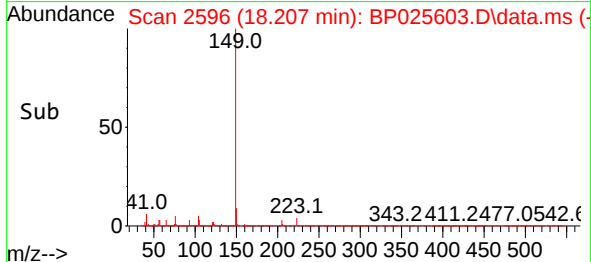
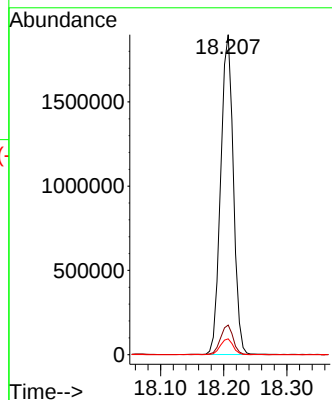
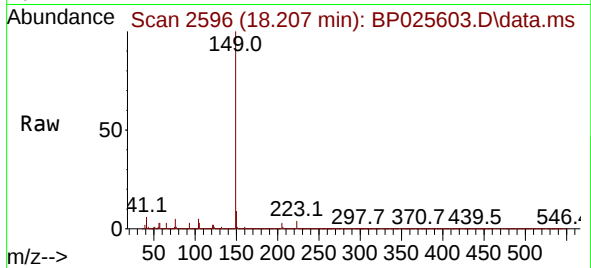




#74
Di-n-butylphthalate
Concen: 49.938 ng
RT: 18.207 min Scan# 2596
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

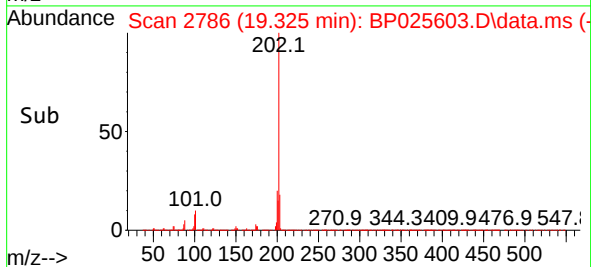
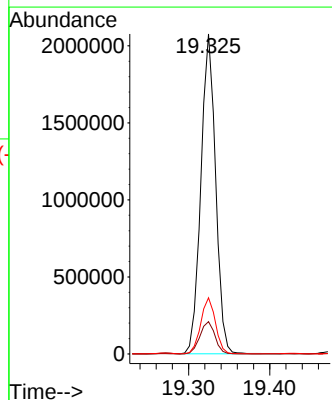
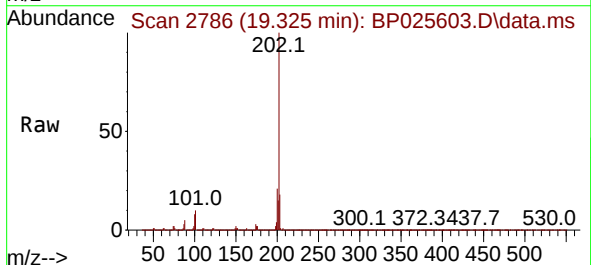
Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

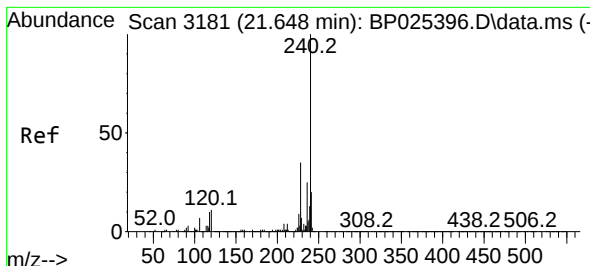
Tgt Ion:149 Resp: 2643612
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 5.0 4.2 6.2



#75
Fluoranthene
Concen: 49.056 ng
RT: 19.325 min Scan# 2786
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:202 Resp: 2617503
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.1
203 17.6 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.636 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

Instrument :

BNA_P

ClientSampleId :

MW-201-082025MSD

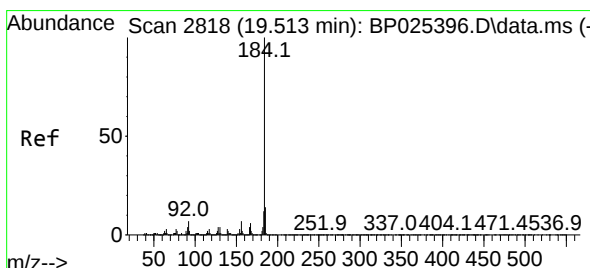
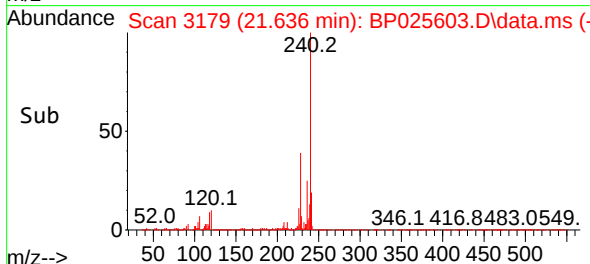
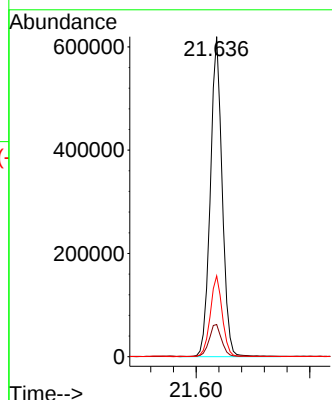
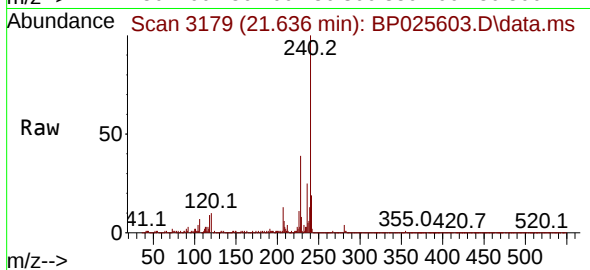
Tgt Ion:240 Resp: 887974

Ion Ratio Lower Upper

240 100

120 10.1 8.9 13.3

236 25.3 19.8 29.8



#77

Benzidine

Concen: 25.933 ng

RT: 19.513 min Scan# 2818

Delta R.T. 0.000 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

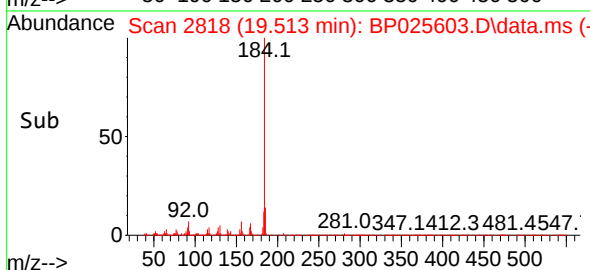
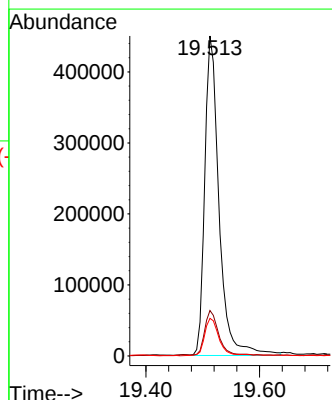
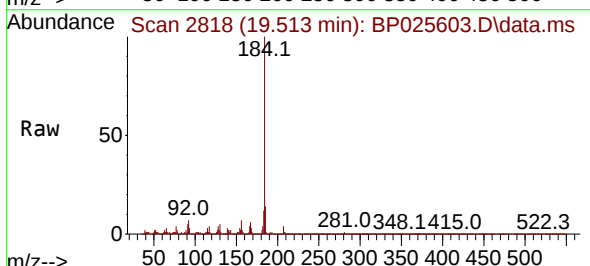
Tgt Ion:184 Resp: 785899

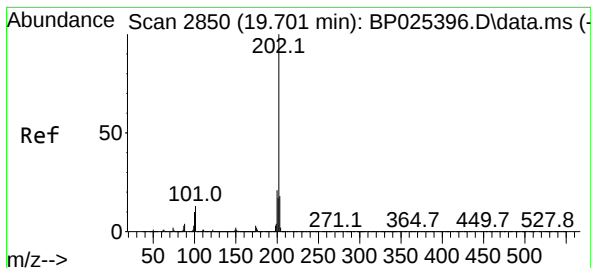
Ion Ratio Lower Upper

184 100

185 14.2 11.5 17.3

183 11.7 9.4 14.2





#78

Pyrene

Concen: 47.550 ng

RT: 19.701 min Scan# 2850

Delta R.T. 0.000 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

Instrument :

BNA_P

ClientSampleId :

MW-201-082025MSD

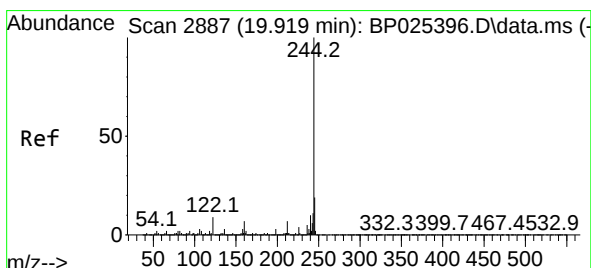
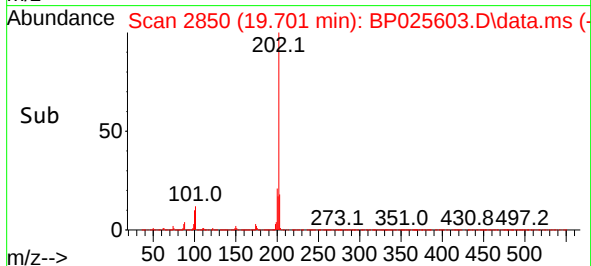
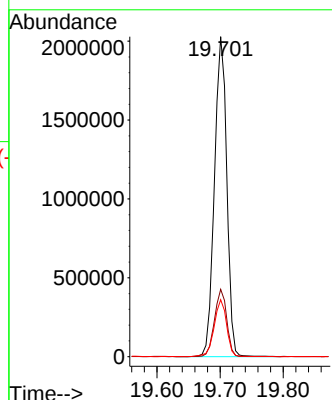
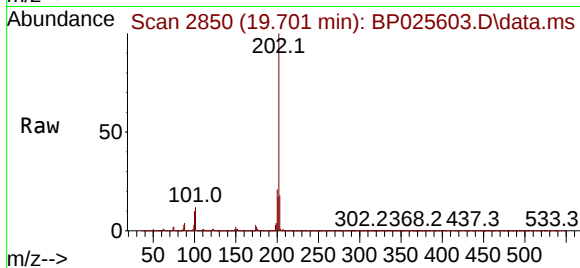
Tgt Ion:202 Resp: 2744373

Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.8 14.2 21.2



#79

Terphenyl-d14

Concen: 76.174 ng

RT: 19.919 min Scan# 2887

Delta R.T. 0.000 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

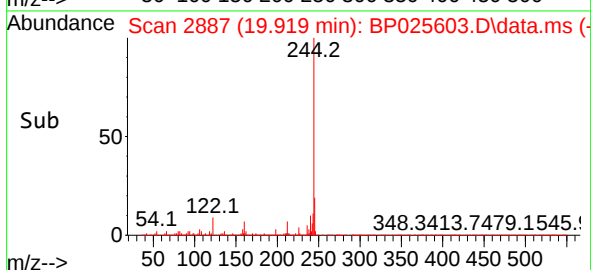
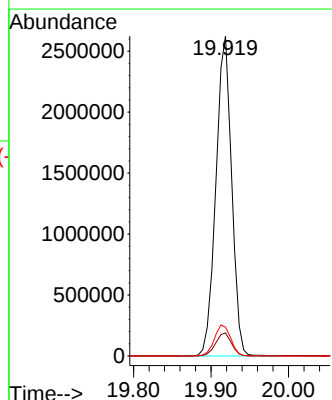
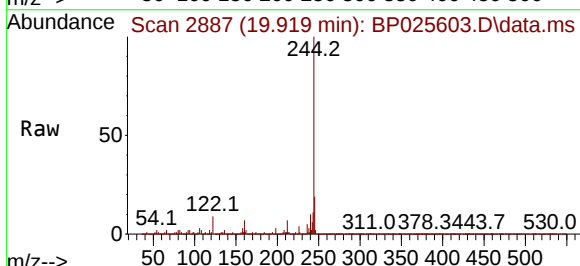
Tgt Ion:244 Resp: 3697065

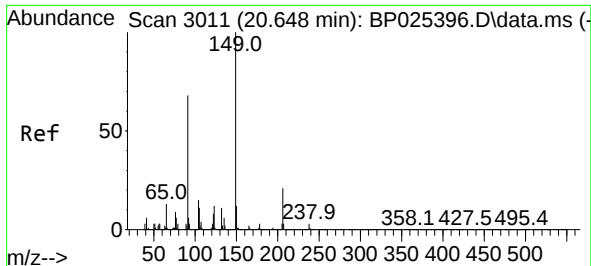
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.0 7.4 11.2

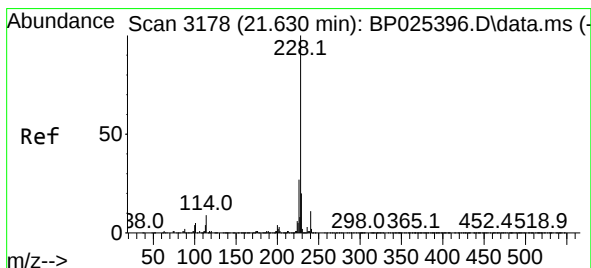
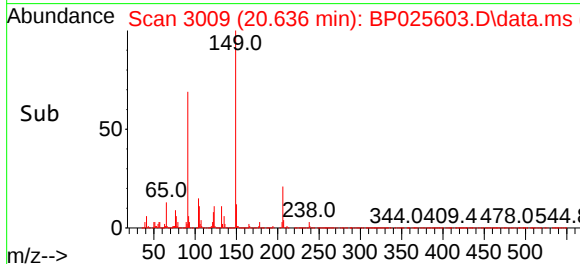
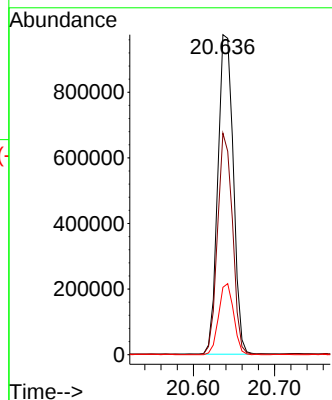
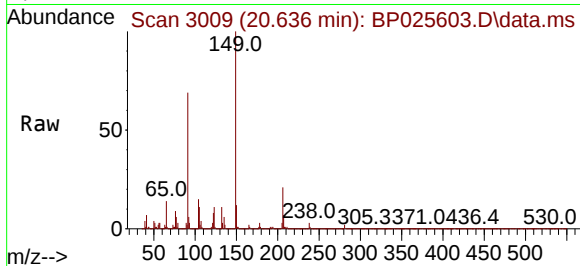




#80
Butylbenzylphthalate
Concen: 49.379 ng
RT: 20.636 min Scan# 3011
Delta R.T. -0.012 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

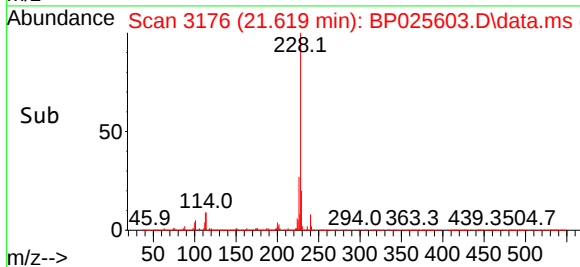
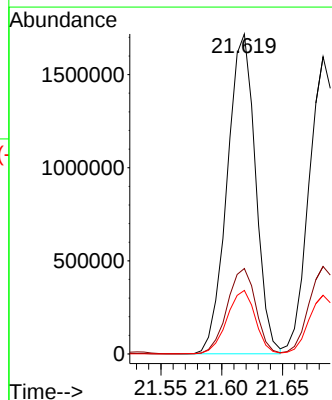
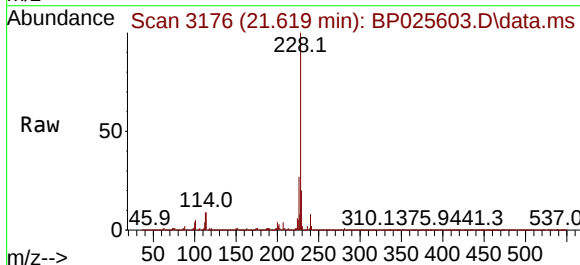
Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

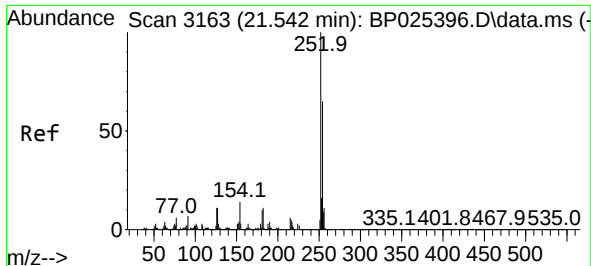
Tgt Ion:149 Resp: 1291637
Ion Ratio Lower Upper
149 100
91 69.2 54.2 81.2
206 21.1 16.6 24.8



#81
Benzo(a)anthracene
Concen: 47.447 ng
RT: 21.619 min Scan# 3176
Delta R.T. -0.012 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:228 Resp: 2778578
Ion Ratio Lower Upper
228 100
226 26.7 21.7 32.5
229 19.9 15.6 23.4

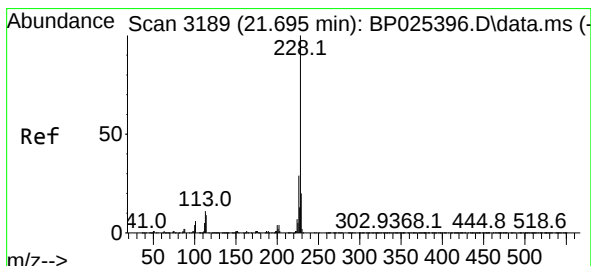
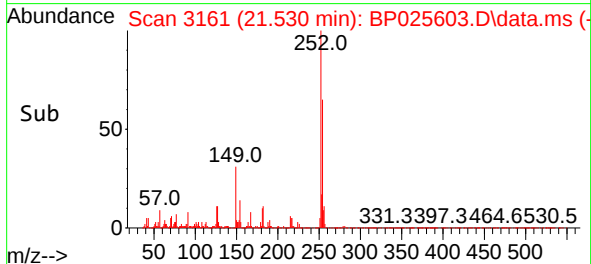
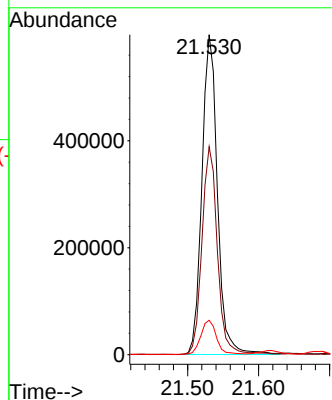
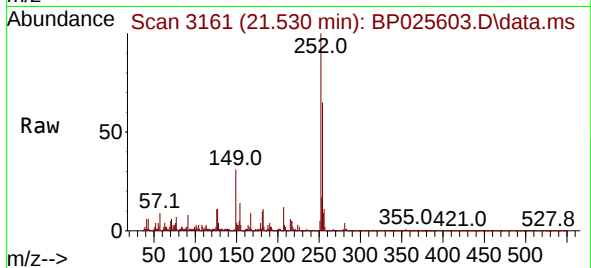




#82
 3,3'-Dichlorobenzidine
 Concen: 41.249 ng
 RT: 21.530 min Scan# 3161
 Delta R.T. -0.012 min
 Lab File: BP025603.D
 Acq: 27 Aug 2025 15:00

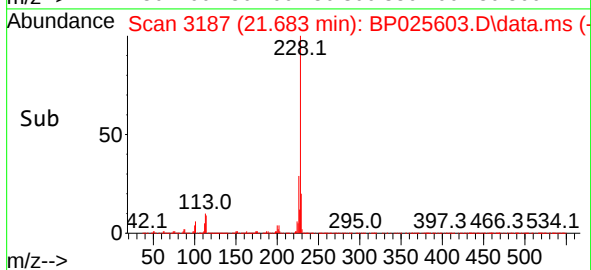
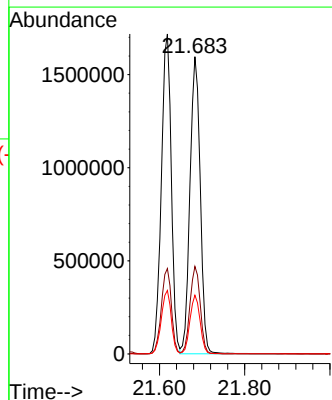
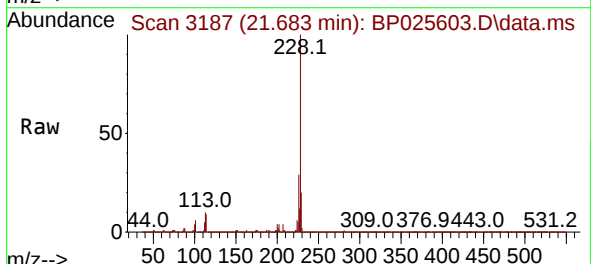
Instrument :
 BNA_P
 ClientSampleId :
 MW-201-082025MSD

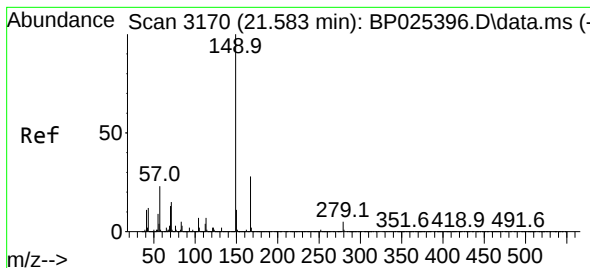
Tgt Ion:252 Resp: 910515
 Ion Ratio Lower Upper
 252 100
 254 65.0 51.8 77.6
 126 10.8 9.1 13.7



#83
 Chrysene
 Concen: 48.651 ng
 RT: 21.683 min Scan# 3187
 Delta R.T. -0.012 min
 Lab File: BP025603.D
 Acq: 27 Aug 2025 15:00

Tgt Ion:228 Resp: 2668181
 Ion Ratio Lower Upper
 228 100
 226 29.4 23.2 34.8
 229 19.8 15.6 23.4

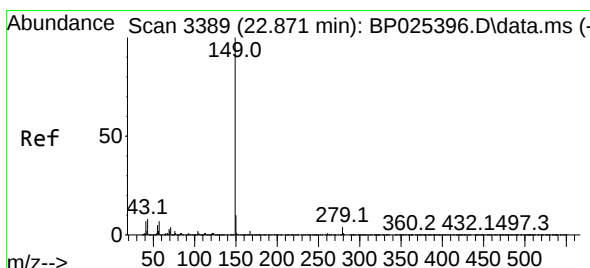
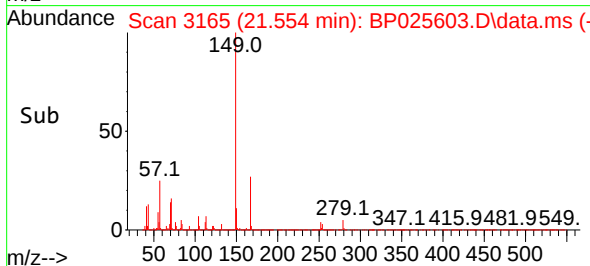
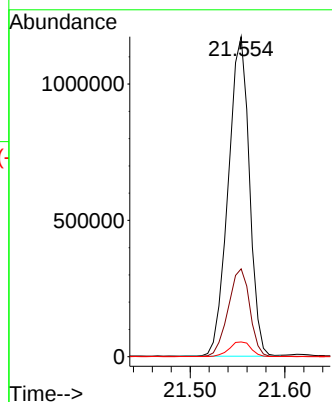
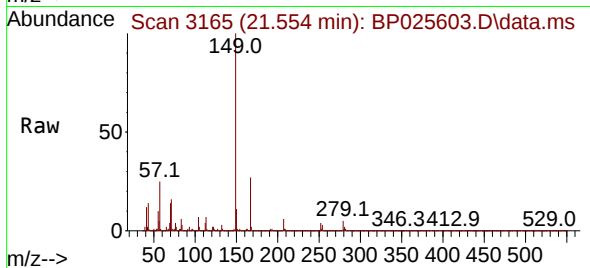




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.223 ng
 RT: 21.554 min Scan# 3170
 Delta R.T. -0.029 min
 Lab File: BP025603.D
 Acq: 27 Aug 2025 15:00

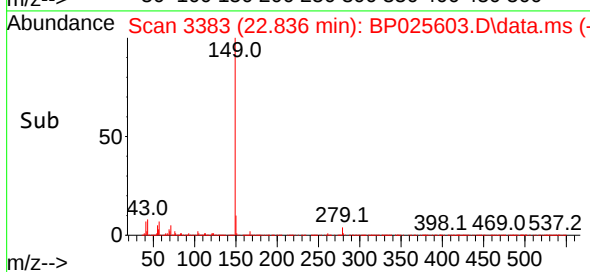
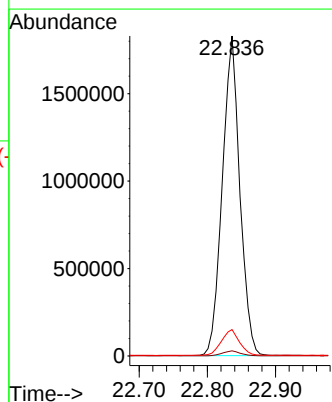
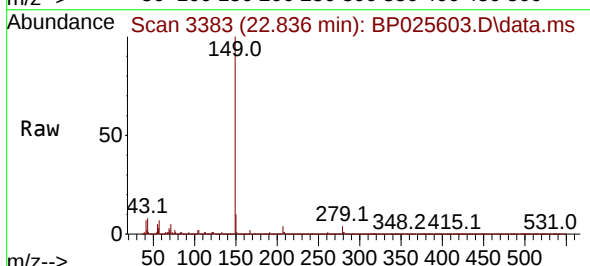
Instrument :
 BNA_P
 ClientSampleId :
 MW-201-082025MSD

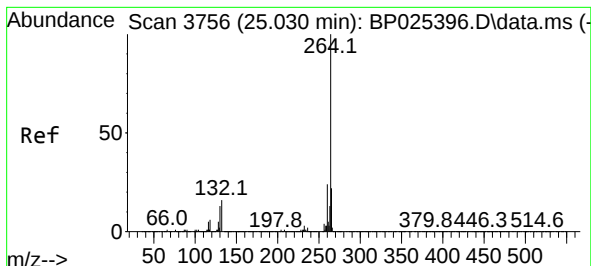
Tgt Ion:149 Resp: 1818319
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.1 33.1
 279 4.6 3.8 5.6



#85
 Di-n-octyl phthalate
 Concen: 49.360 ng
 RT: 22.836 min Scan# 3383
 Delta R.T. -0.035 min
 Lab File: BP025603.D
 Acq: 27 Aug 2025 15:00

Tgt Ion:149 Resp: 3269105
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 8.2 6.3 9.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.007 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

Instrument :

BNA_P

ClientSampleId :

MW-201-082025MSD

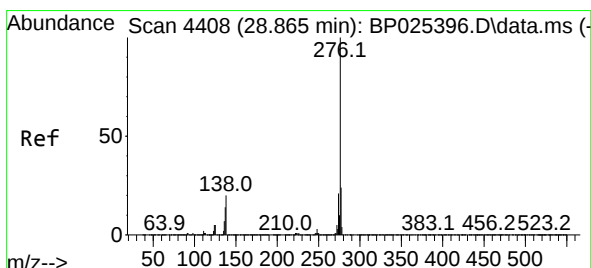
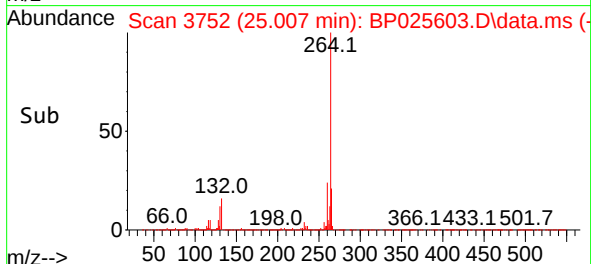
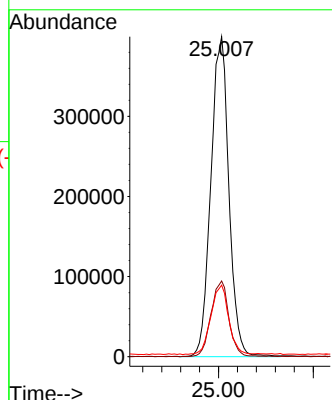
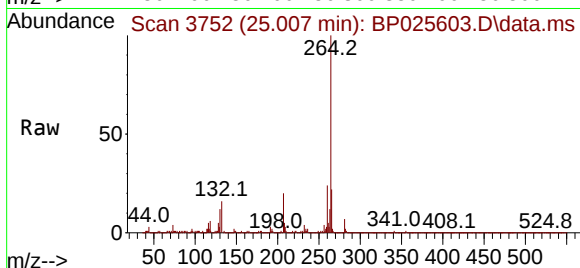
Tgt Ion:264 Resp: 1057493

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 22.3 17.4 26.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 48.377 ng

RT: 28.836 min Scan# 4403

Delta R.T. -0.029 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

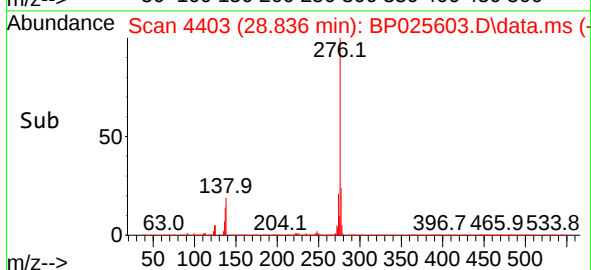
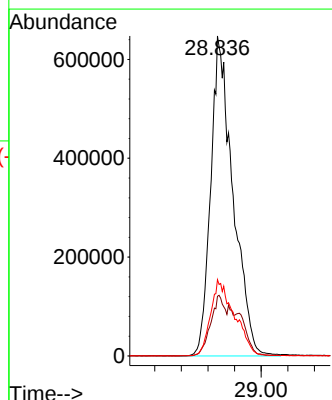
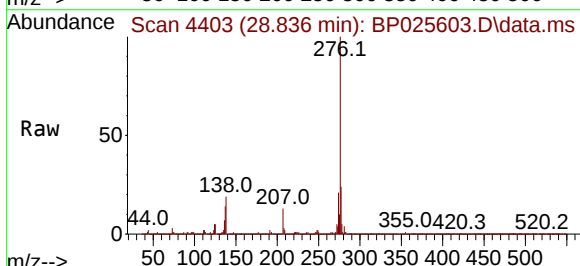
Tgt Ion:276 Resp: 3751770

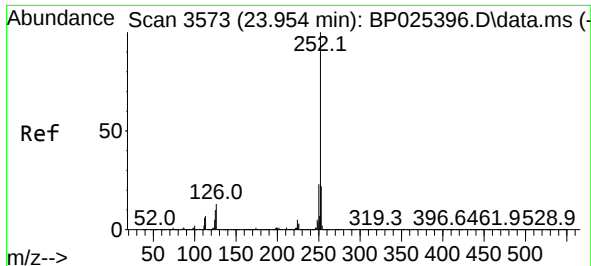
Ion Ratio Lower Upper

276 100

138 12.4 12.9 19.3#

277 25.4 17.0 25.6

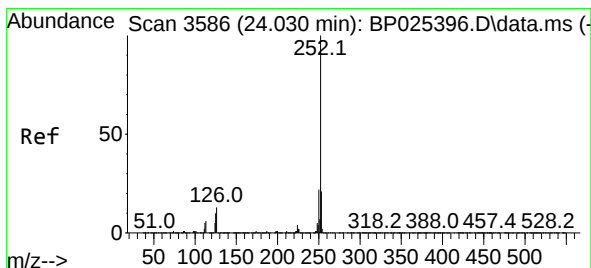
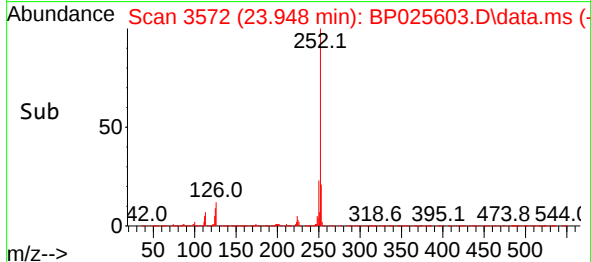
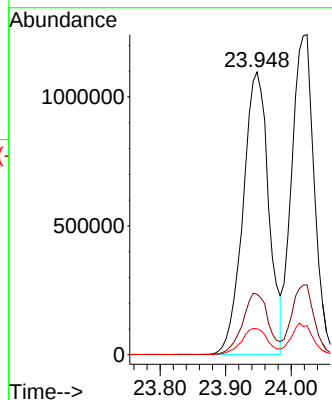
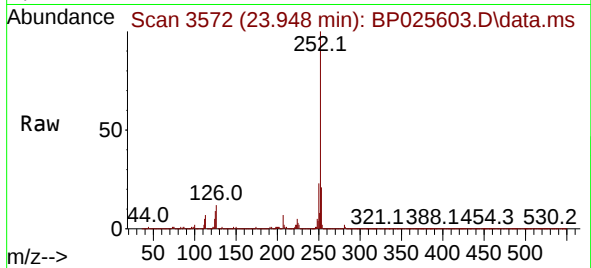




#88
Benzo(b)fluoranthene
Concen: 47.895 ng
RT: 23.948 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

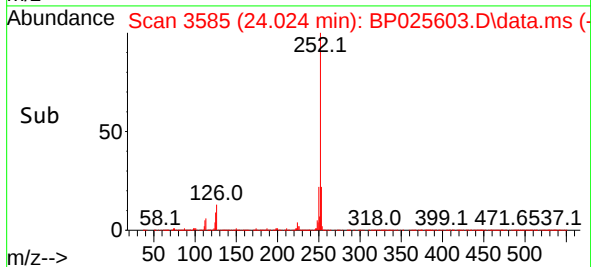
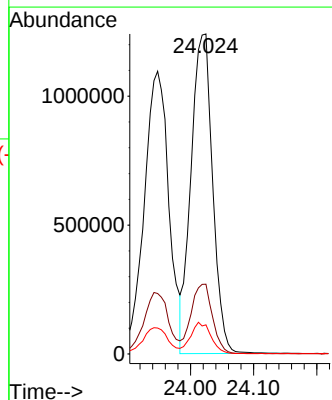
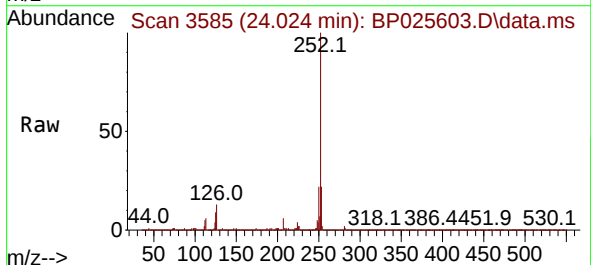
Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

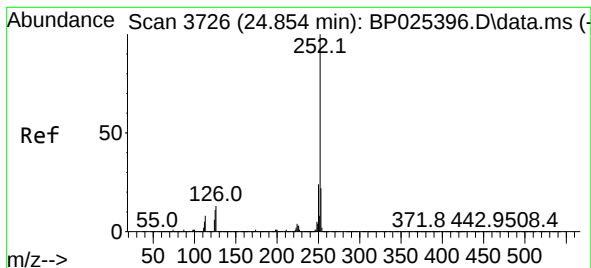
Tgt Ion:252 Resp: 2986627
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 9.2 7.9 11.9



#89
Benzo(k)fluoranthene
Concen: 47.163 ng
RT: 24.024 min Scan# 3585
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:252 Resp: 2942937
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 9.1 7.8 11.6





#90

Benzo(a)pyrene

Concen: 47.293 ng

RT: 24.854 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

Instrument :

BNA_P

ClientSampleId :

MW-201-082025MSD

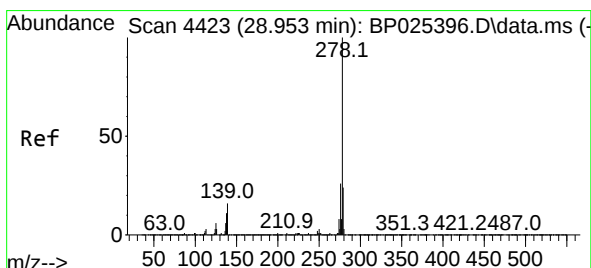
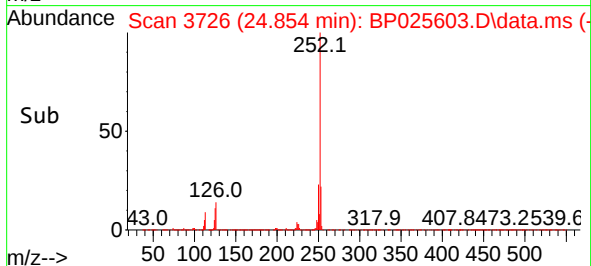
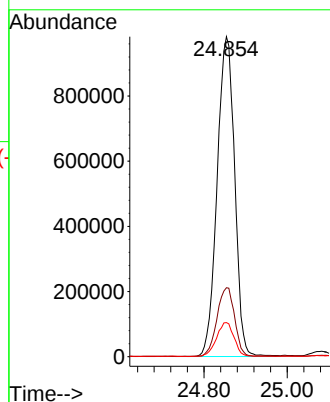
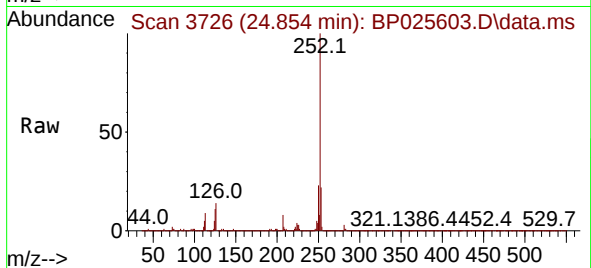
Tgt Ion:252 Resp: 2870696

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 10.7 8.7 13.1



#91

Dibenzo(a,h)anthracene

Concen: 49.066 ng

RT: 28.924 min Scan# 4418

Delta R.T. -0.029 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

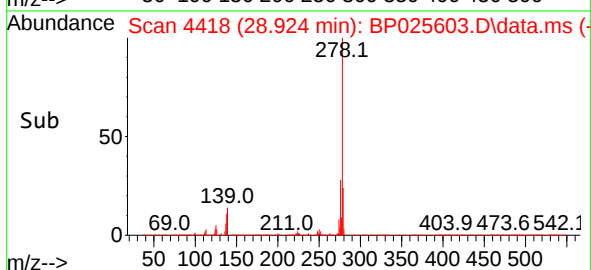
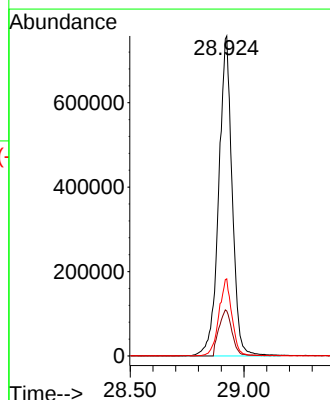
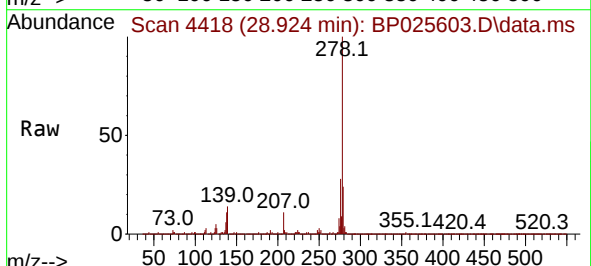
Tgt Ion:278 Resp: 3109637

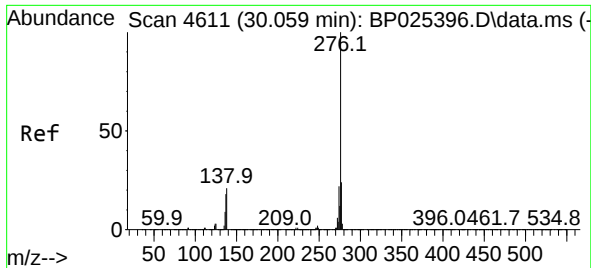
Ion Ratio Lower Upper

278 100

139 14.0 13.0 19.4

279 24.1 19.4 29.2





#92
 Benzo(g,h,i)perylene
 Concen: 48.088 ng
 RT: 30.042 min Scan# 4
 Delta R.T. -0.018 min
 Lab File: BP025603.D
 Acq: 27 Aug 2025 15:00

Instrument :
 BNA_P
 ClientSampleId :
 MW-201-082025MSD

Tgt Ion:276 Resp: 2995786
 Ion Ratio Lower Upper
 276 100
 277 24.1 19.4 29.0
 138 18.9 16.7 25.1

