

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
 Data File : BP025601.D
 Acq On : 27 Aug 2025 13:37
 Operator : CG/JU
 Sample : Q2924-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-201-082025

Quant Time: Aug 27 14:55:28 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)

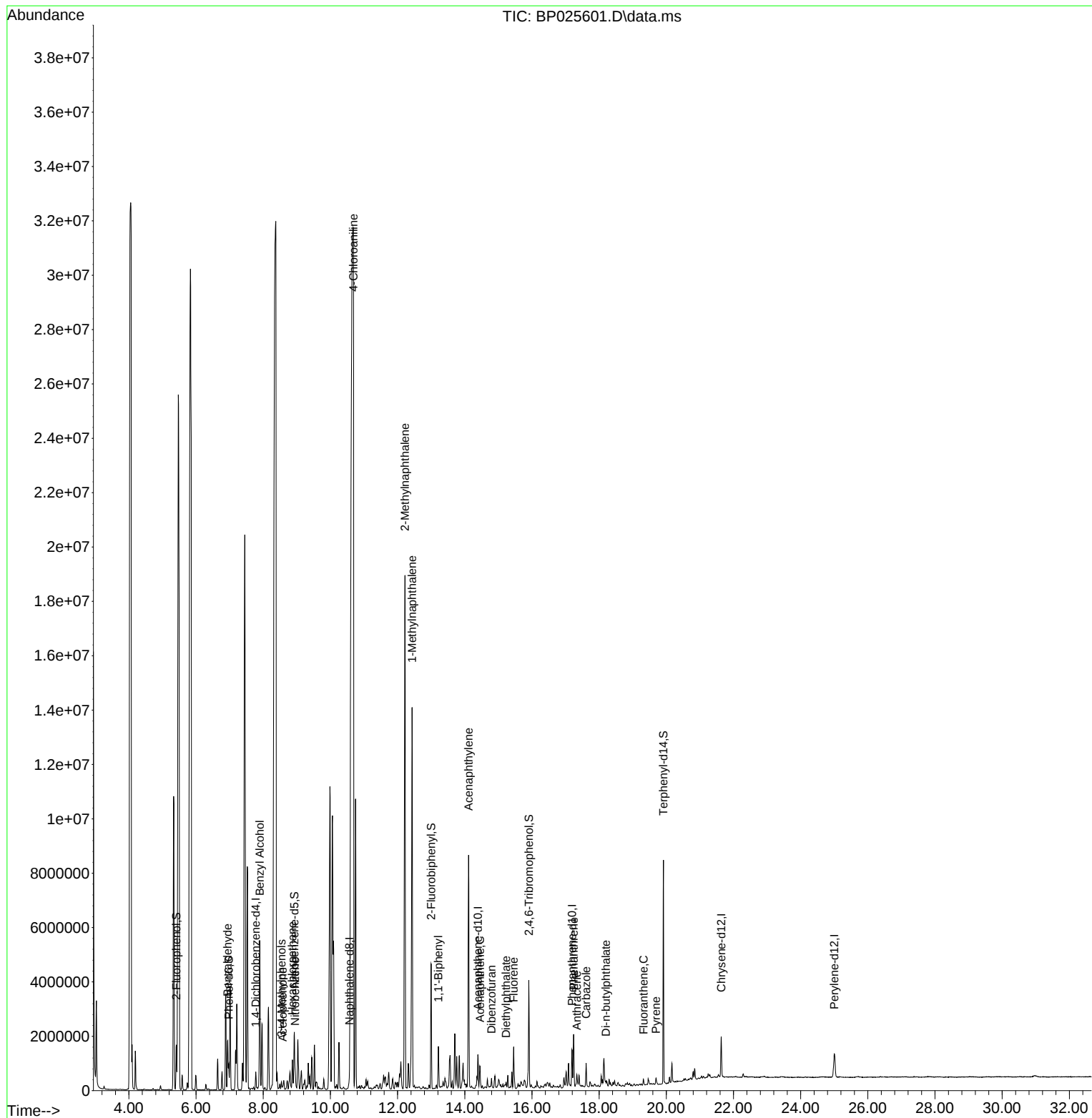
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	185057	20.000	ng	-0.02
21) Naphthalene-d8	10.566	136	598774	20.000	ng	0.00
39) Acenaphthene-d10	14.389	164	427017	20.000	ng	-0.02
64) Phenanthrene-d10	17.195	188	842894	20.000	ng	0.00
76) Chrysene-d12	21.636	240	908516	20.000	ng	-0.01
86) Perylene-d12	25.001	264	1056970	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.413	112	726325	65.180	ng	0.00
7) Phenol-d6	6.972	99	552294	38.658	ng	0.00
23) Nitrobenzene-d5	8.925	82	1173171	99.112	ng	-0.01
42) 2,4,6-Tribromophenol	15.907	330	784050	136.411	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	2460938	78.763	ng	-0.02
79) Terphenyl-d14	19.913	244	3677080	74.049	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.937	77	146753	14.661	ng	# 1
15) Benzyl Alcohol	7.896	79	307168	27.059	ng	# 6
18) Hexachloroethane	8.866	117	321922	61.779	ng	# 48
20) 3+4-Methylphenols	8.543	107	137277	9.512	ng	95
22) Acetophenone	8.578	105	57211	3.810	ng	# 73
24) Nitrobenzene	8.949	77	27140	2.566	ng	# 25
33) 4-Chloroaniline	10.684	127	12486153	908.277	ng	# 37
37) 2-Methylnaphthalene	12.219	142	10214822	504.360	ng	97
38) 1-Methylnaphthalene	12.431	142	7169662	332.880	ng	100
46) 1,1'-Biphenyl	13.213	154	766428	24.714	ng	99
49) Acenaphthylene	14.113	152	6233315	156.029	ng	99
52) Acenaphthene	14.454	154	194323	8.287	ng	98
55) Dibenzofuran	14.795	168	141629	3.820	ng	# 96
58) Fluorene	15.454	166	761442	26.029	ng	99
60) Diethylphthalate	15.225	149	64135	2.019	ng	# 91
71) Phenanthrene	17.242	178	1301280	28.104	ng	98
72) Anthracene	17.336	178	274266	5.800	ng	99
73) Carbazole	17.613	167	585677	13.150	ng	99
74) Di-n-butylphthalate	18.201	149	138046	2.519	ng	99
75) Fluoranthene	19.319	202	119116	2.157	ng	99
78) Pyrene	19.695	202	167520	2.837	ng	99

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

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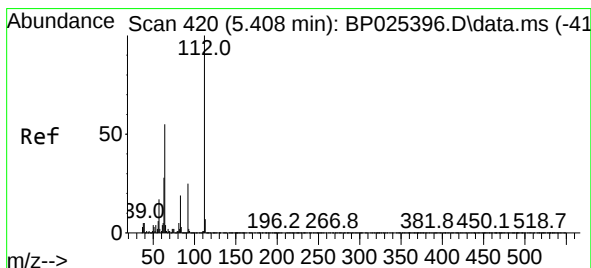
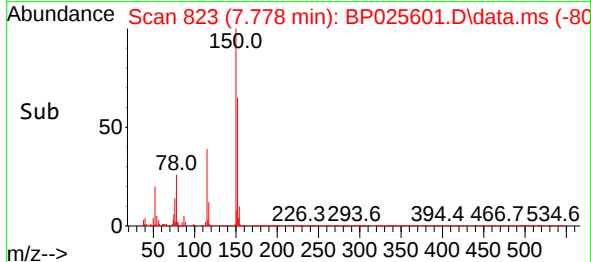
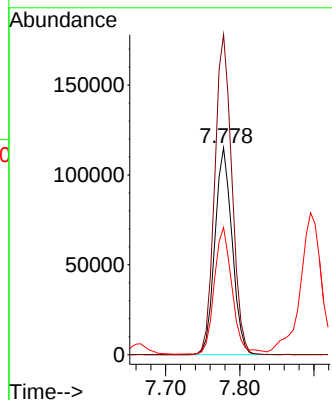
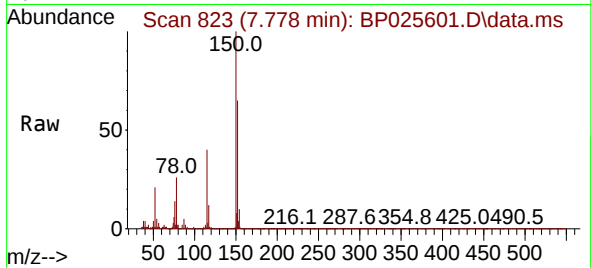




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

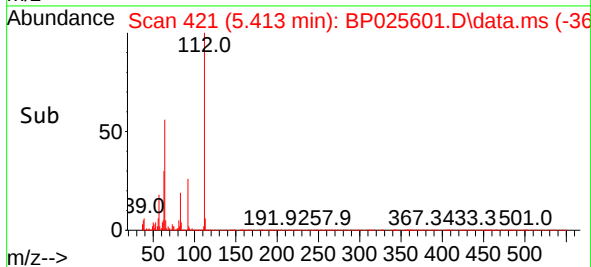
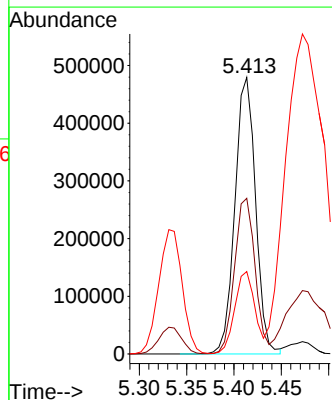
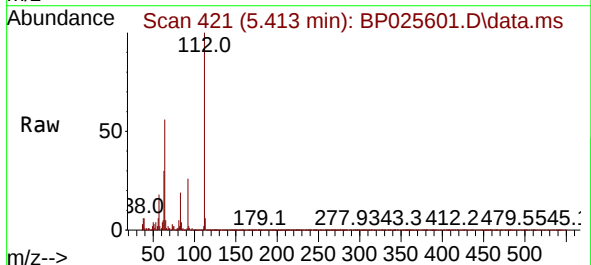
Instrument :
BNA_P
ClientSampleId :
MW-201-082025

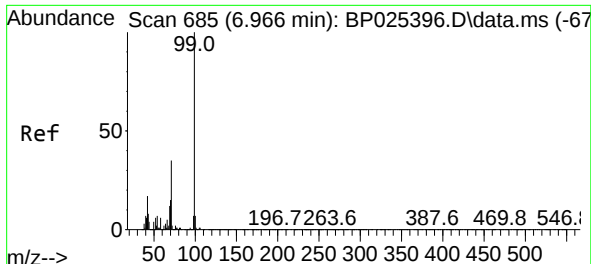
Tgt Ion:152 Resp: 185057
Ion Ratio Lower Upper
152 100
150 154.7 125.9 188.9
115 61.5 48.5 72.7



#5
2-Fluorophenol
Concen: 65.180 ng
RT: 5.413 min Scan# 421
Delta R.T. 0.006 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:112 Resp: 726325
Ion Ratio Lower Upper
112 100
64 56.3 43.8 65.8
63 29.8 22.7 34.1

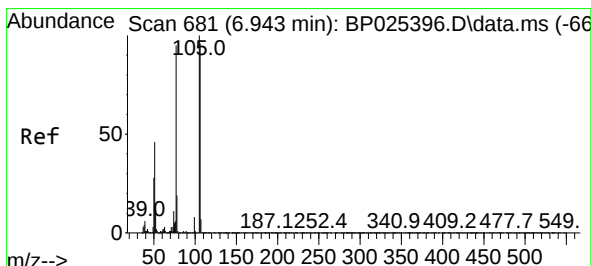
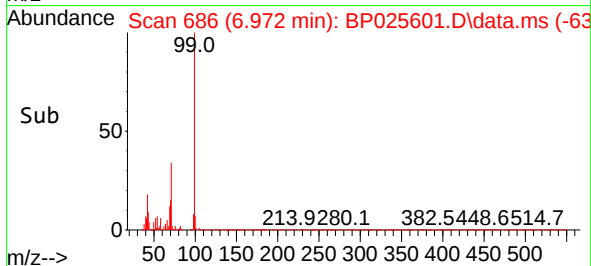
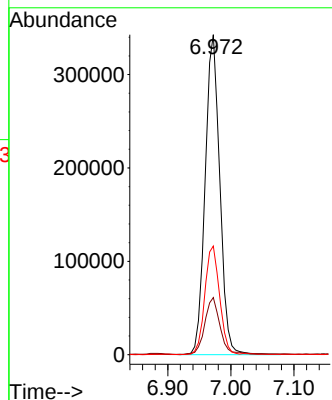
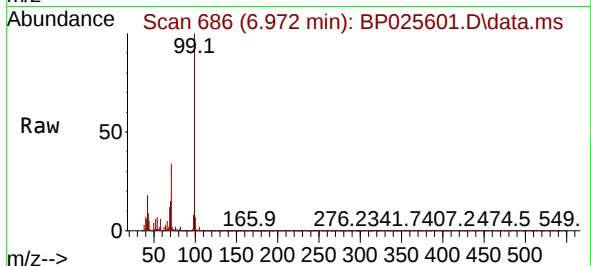




#7
Phenol-d6
Concen: 38.658 ng
RT: 6.972 min Scan# 686
Delta R.T. 0.006 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

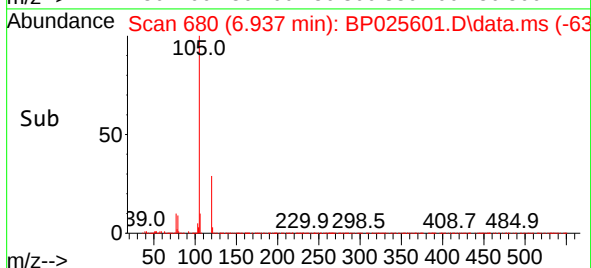
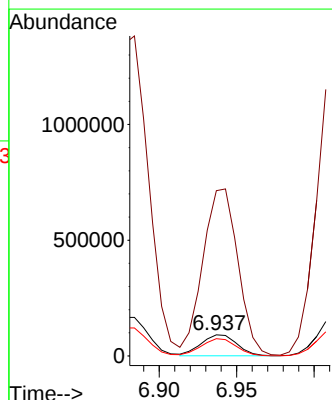
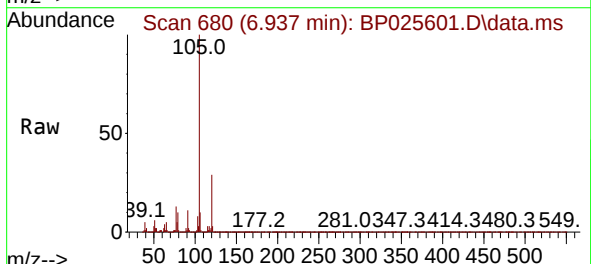
Instrument :
BNA_P
ClientSampleId :
MW-201-082025

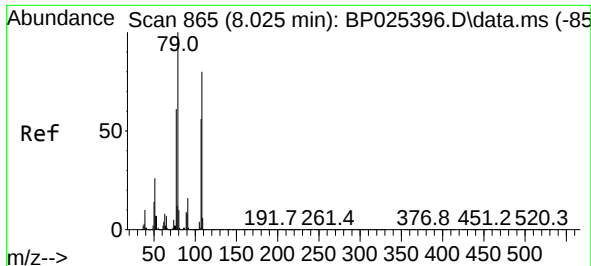
Tgt Ion: 99 Resp: 552294
Ion Ratio Lower Upper
99 100
42 17.8 13.7 20.5
71 34.0 28.2 42.4



#9
Benzaldehyde
Concen: 14.661 ng
RT: 6.937 min Scan# 680
Delta R.T. -0.006 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion: 77 Resp: 146753
Ion Ratio Lower Upper
77 100
105 782.3 84.8 124.8#
106 81.6 80.5 120.5

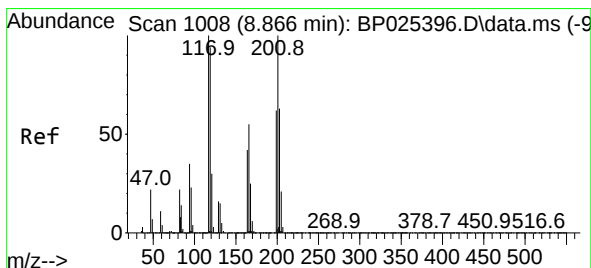
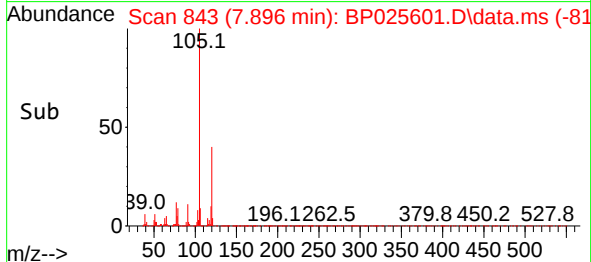
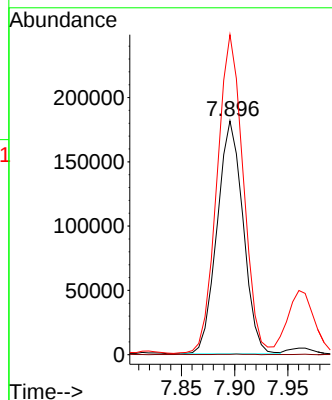
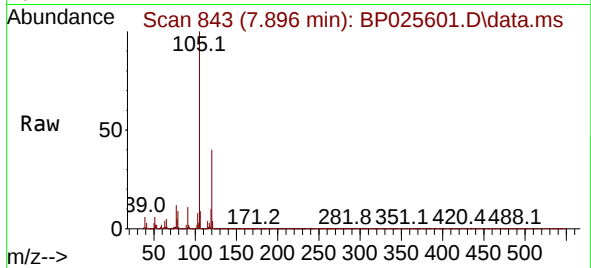




#15
Benzyl Alcohol
Concen: 27.059 ng
RT: 7.896 min Scan# 84
Delta R.T. -0.129 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

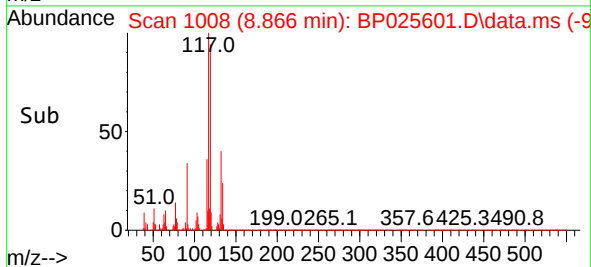
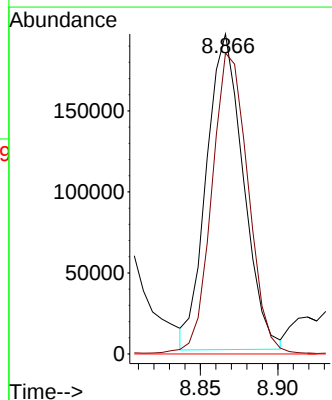
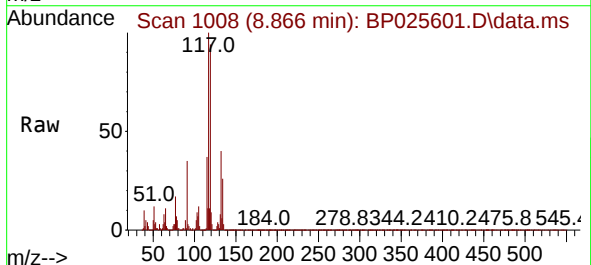
Instrument :
BNA_P
ClientSampleId :
MW-201-082025

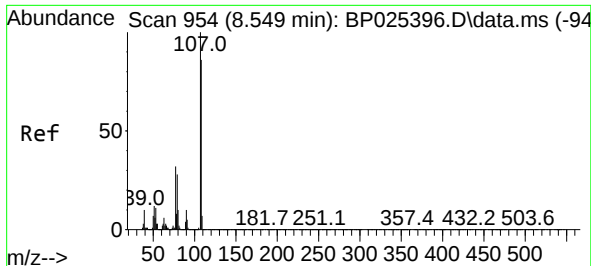
Tgt Ion: 79 Resp: 307168
Ion Ratio Lower Upper
79 100
108 0.1 63.8 95.6#
77 136.9 49.0 73.4#



#18
Hexachloroethane
Concen: 61.779 ng
RT: 8.866 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion: 117 Resp: 321922
Ion Ratio Lower Upper
117 100
119 94.1 75.1 112.7
201 0.0 80.1 120.1#



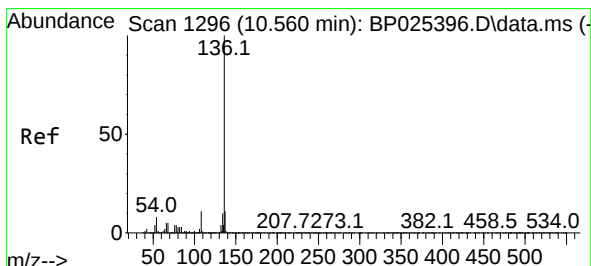
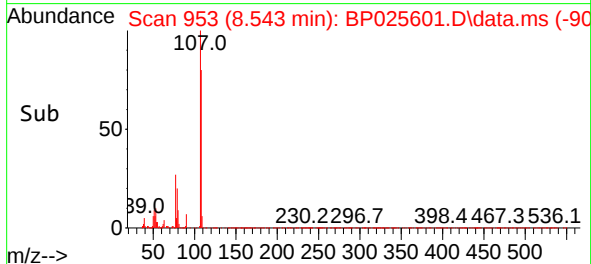
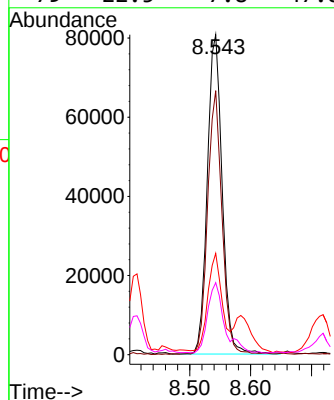
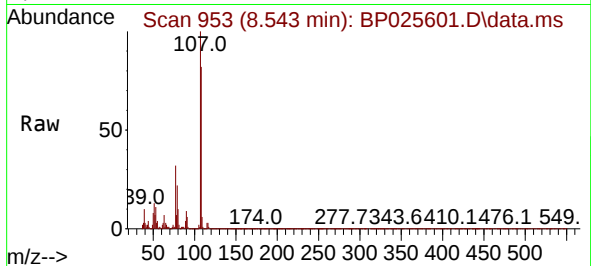


#20
3+4-Methylphenols
Concen: 9.512 ng
RT: 8.543 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Instrument :
BNA_P
ClientSampleId :
MW-201-082025

Tgt Ion:107 Resp: 137277

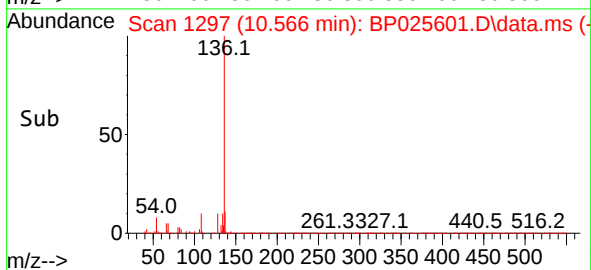
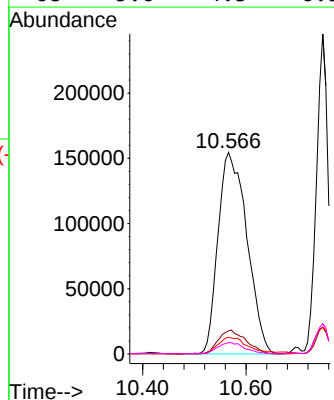
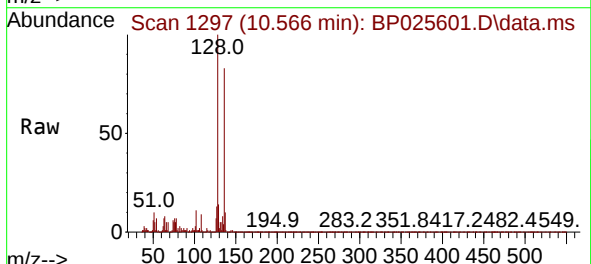
Ion	Ratio	Lower	Upper
107	100		
108	82.5	66.3	106.3
77	31.7	12.3	52.3
79	22.5	7.8	47.8

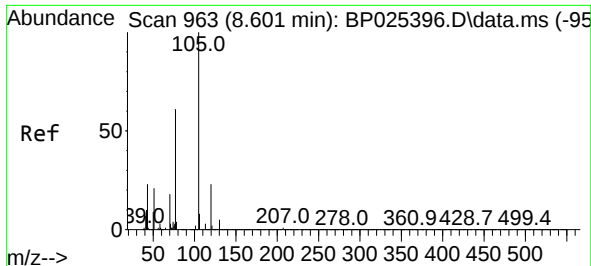


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1297
Delta R.T. 0.006 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:136 Resp: 598774

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	8.3	6.0	9.0
68	5.6	4.3	6.5

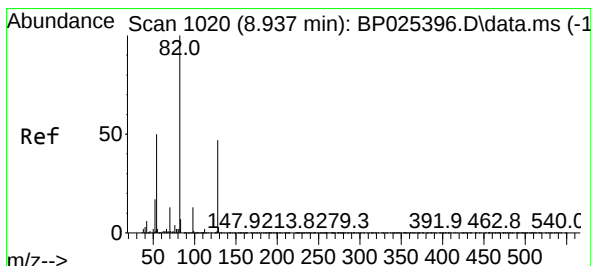
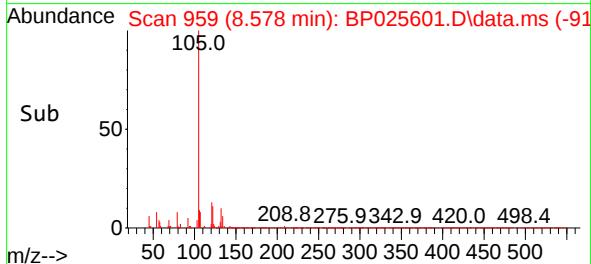
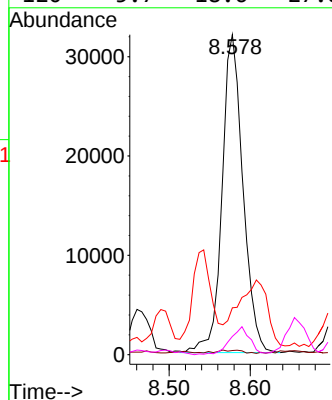
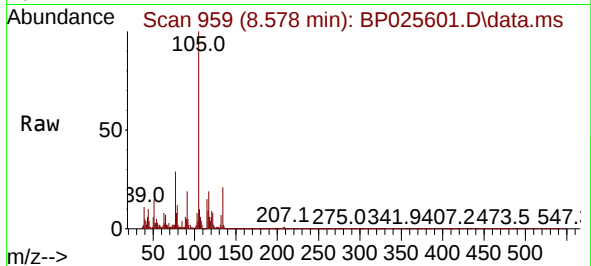




#22
Acetophenone
Concen: 3.810 ng
RT: 8.578 min Scan# 91
Delta R.T. -0.024 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

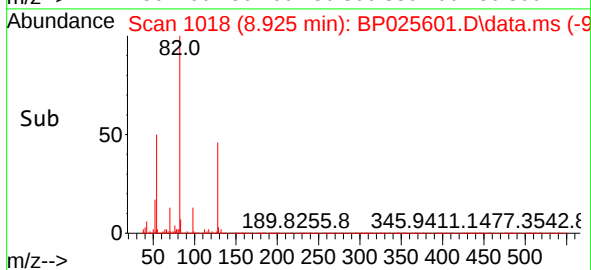
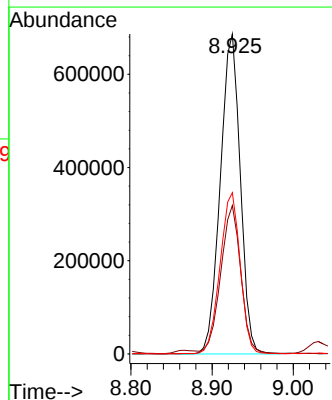
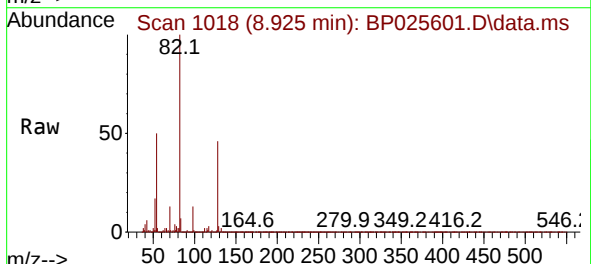
Instrument :
BNA_P
ClientSampleId :
MW-201-082025

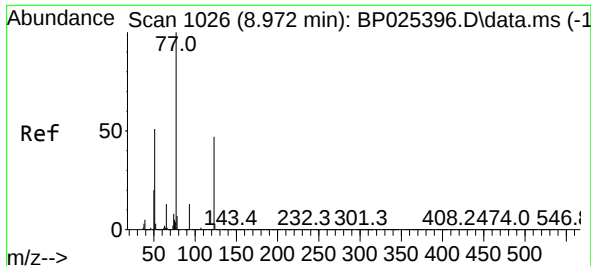
Tgt Ion:	105	Resp:	57211
Ion	Ratio	Lower	Upper
105	100		
71	1.3	2.6	4.0#
51	14.6	20.6	30.8#
120	5.7	18.6	27.8#



#23
Nitrobenzene-d5
Concen: 99.112 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:	82	Resp:	1173171
Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.7	56.5
54	50.4	39.8	59.6

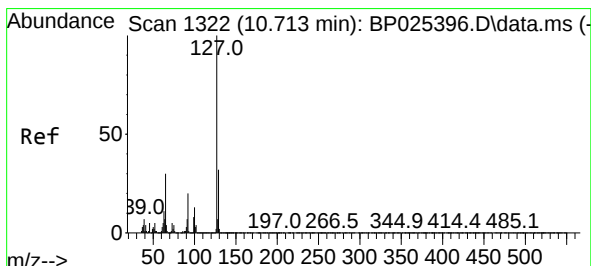
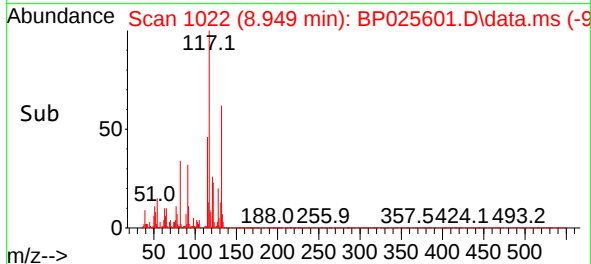
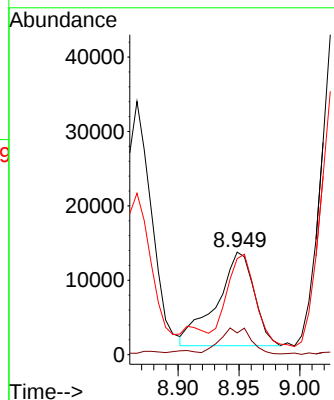
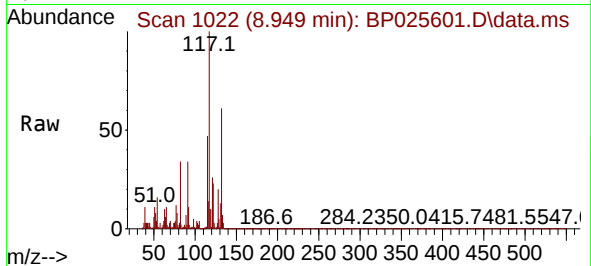




#24
Nitrobenzene
Concen: 2.566 ng
RT: 8.949 min Scan# 1026
Delta R.T. -0.024 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

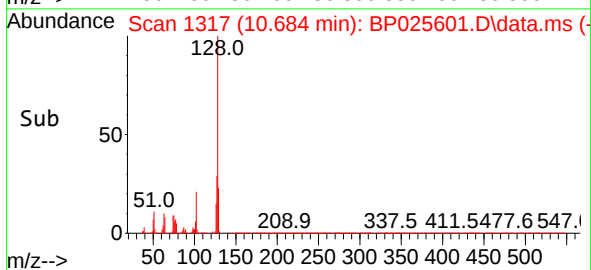
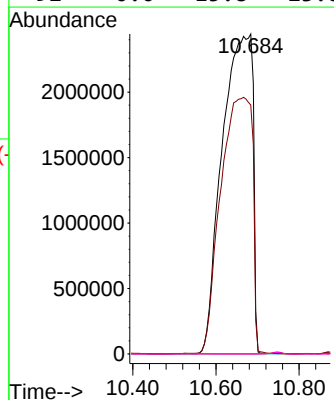
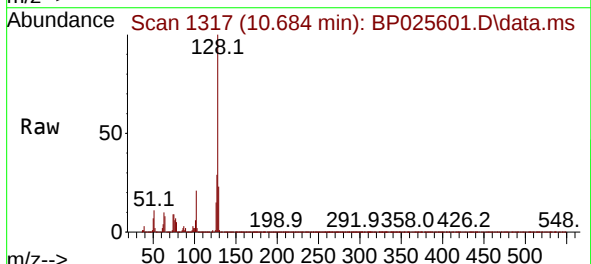
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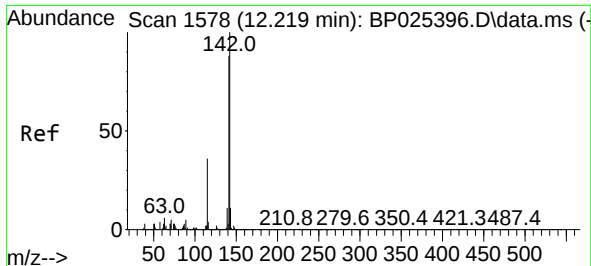
Tgt Ion: 77 Resp: 27140
Ion Ratio Lower Upper
77 100
123 21.3 38.6 58.0#
65 93.6 10.6 15.8#



#33
4-Chloroaniline
Concen: 908.277 ng
RT: 10.684 min Scan# 1317
Delta R.T. -0.029 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion: 127 Resp: 12486153
Ion Ratio Lower Upper
127 100
129 77.8 25.4 38.2#
65 0.0 23.8 35.6#
92 0.0 15.8 23.8#

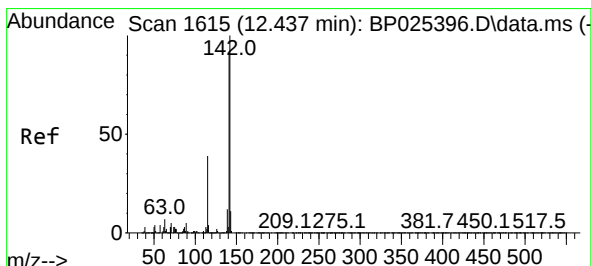
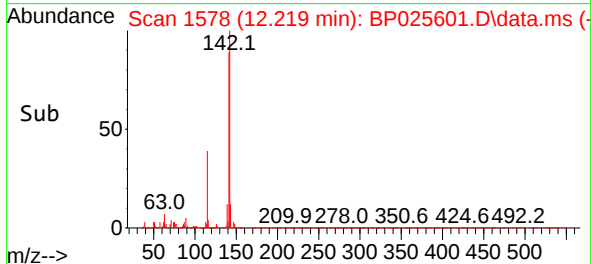
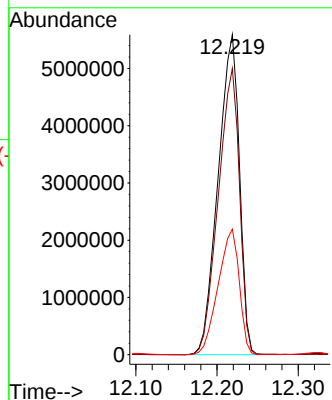
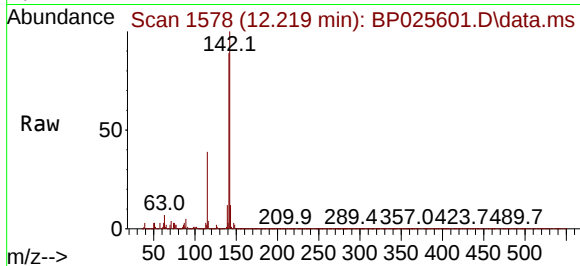




#37
2-Methylnaphthalene
Concen: 504.360 ng
RT: 12.219 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

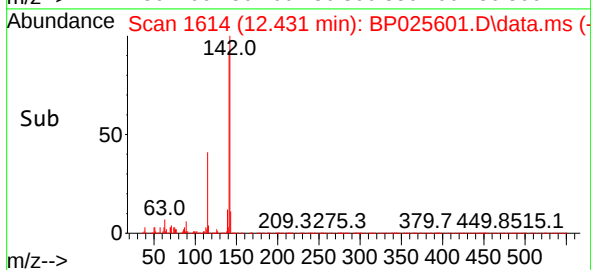
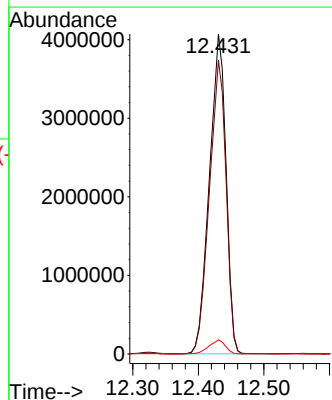
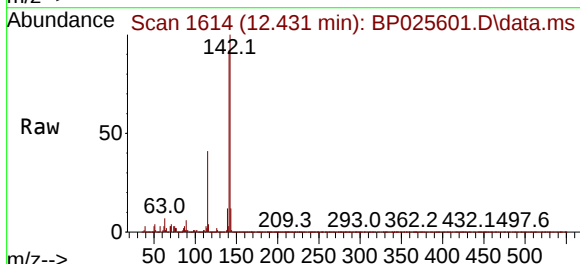
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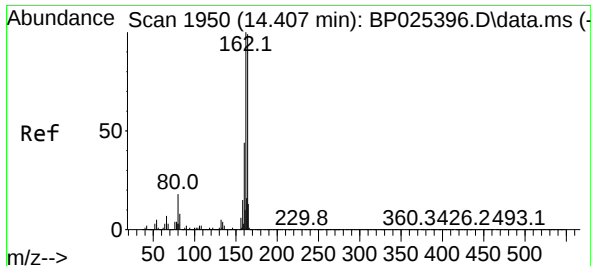
Tgt Ion:142 Resp:10214822
Ion Ratio Lower Upper
142 100
141 89.5 70.3 105.5
115 39.2 28.9 43.3



#38
1-Methylnaphthalene
Concen: 332.880 ng
RT: 12.431 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:142 Resp: 7169662
Ion Ratio Lower Upper
142 100
141 91.8 73.1 109.7
116 4.4 3.2 4.8

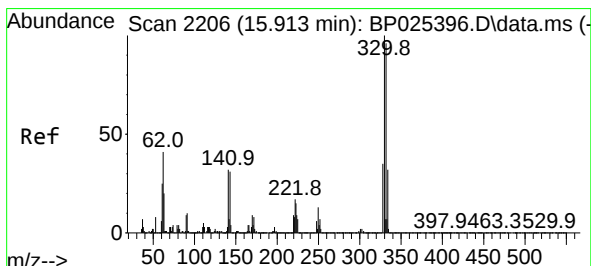
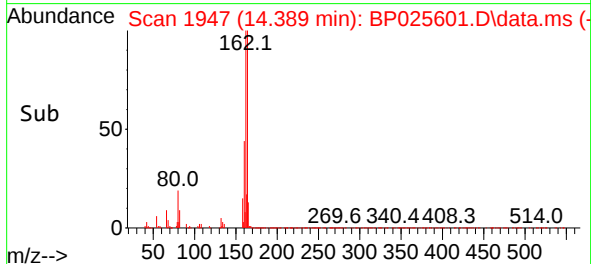
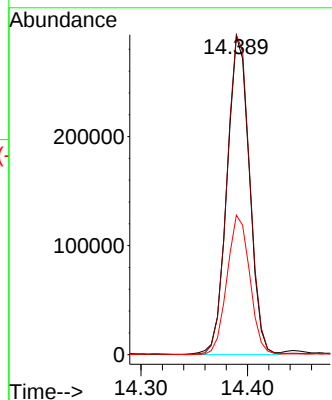
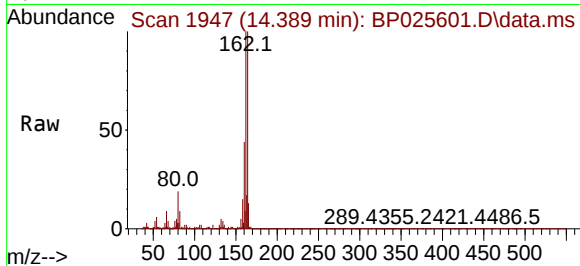




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

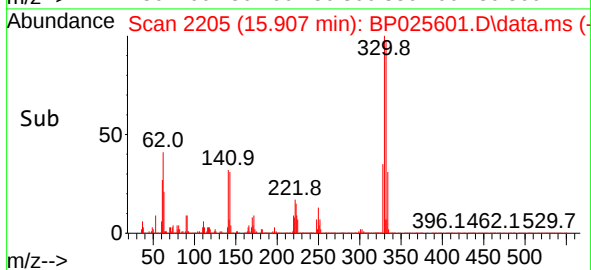
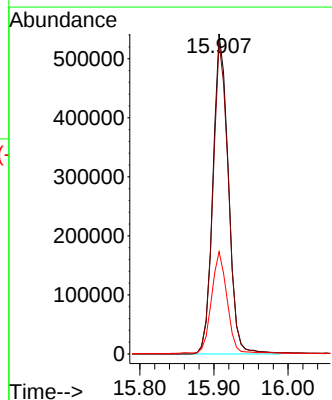
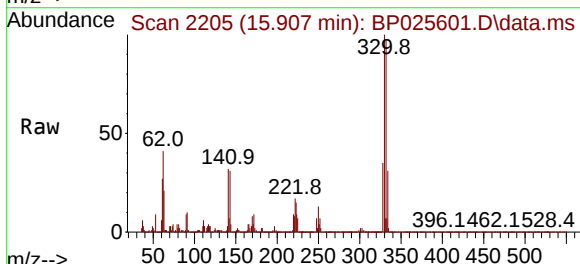
Instrument :
BNA_P
ClientSampleId :
MW-201-082025

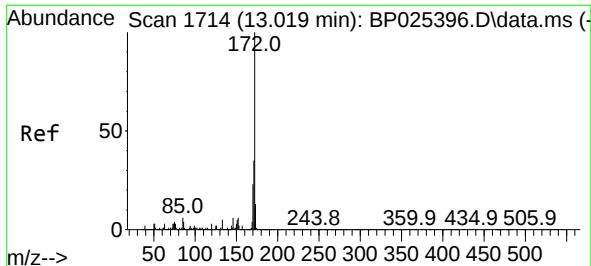
Tgt Ion:164 Resp: 427017
Ion Ratio Lower Upper
164 100
162 100.5 81.0 121.6
160 43.8 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 136.411 ng
RT: 15.907 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:330 Resp: 784050
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 32.8 26.6 39.8

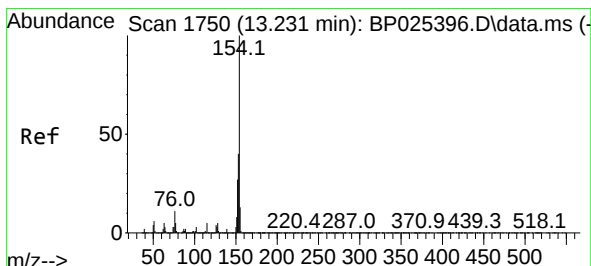
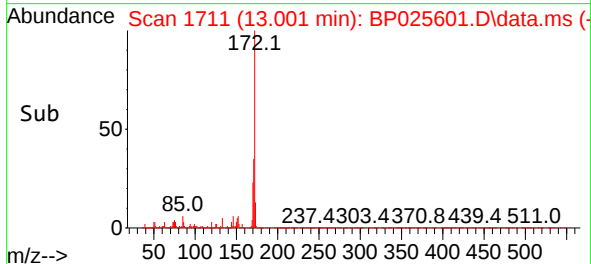
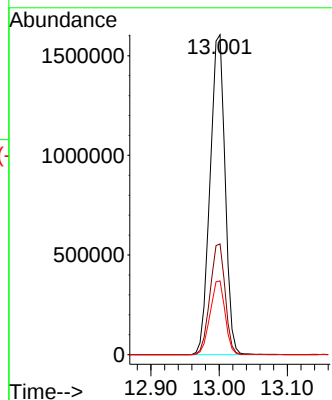
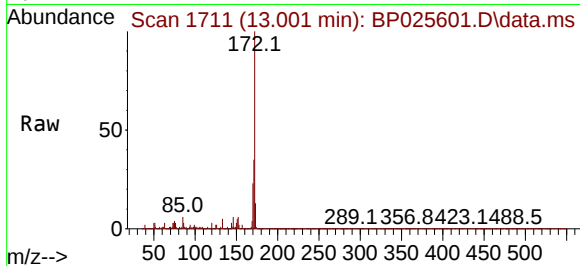




#45
2-Fluorobiphenyl
Concen: 78.763 ng
RT: 13.001 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

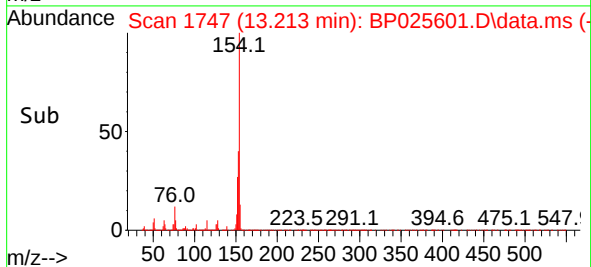
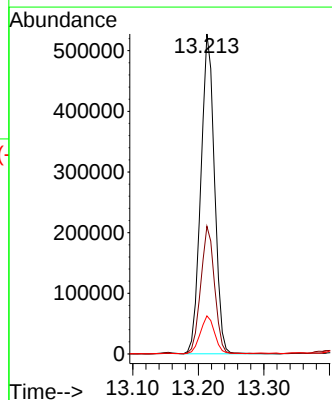
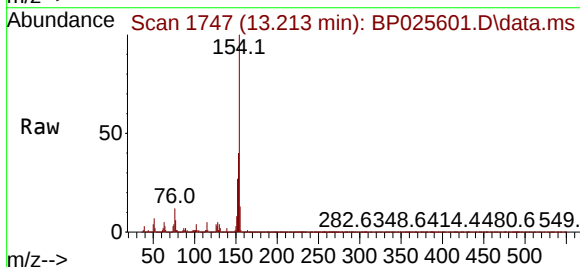
Instrument :
BNA_P
ClientSampleId :
MW-201-082025

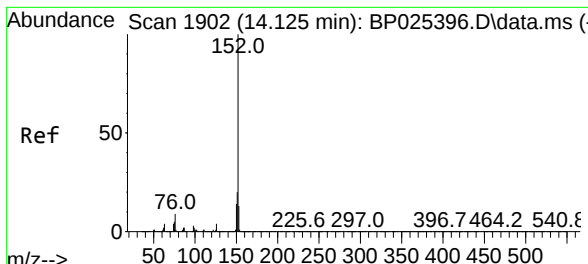
Tgt Ion:172 Resp: 2460938
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.1 18.6 28.0



#46
1,1'-Biphenyl
Concen: 24.714 ng
RT: 13.213 min Scan# 1747
Delta R.T. -0.018 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:154 Resp: 766428
Ion Ratio Lower Upper
154 100
153 39.9 19.5 59.5
76 11.9 0.0 31.1



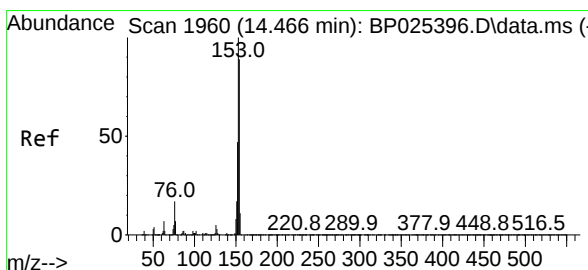
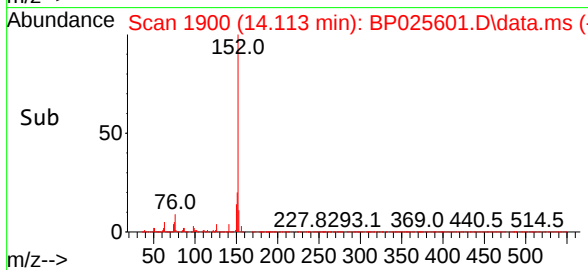
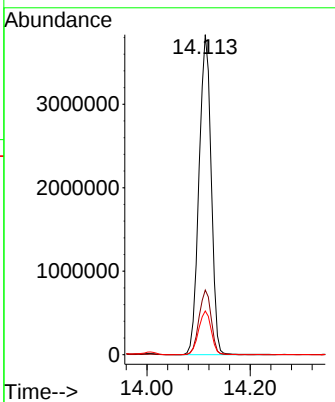
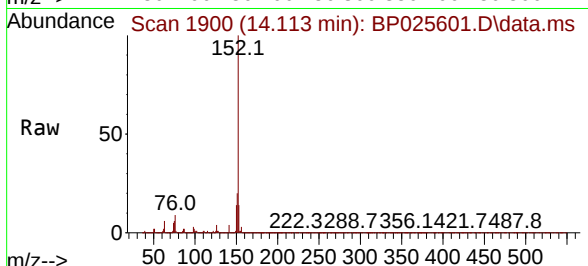


#49
 Acenaphthylene
 Concen: 156.029 ng
 RT: 14.113 min Scan# 1900
 Delta R.T. -0.012 min
 Lab File: BP025601.D
 Acq: 27 Aug 2025 13:37

Instrument :
 BNA_P
 ClientSampleId :
 MW-201-082025

Tgt Ion:152 Resp: 6233315

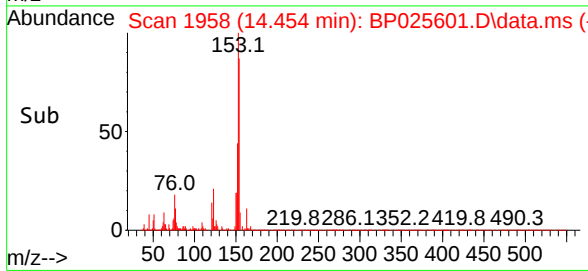
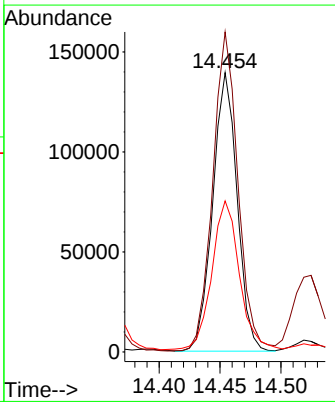
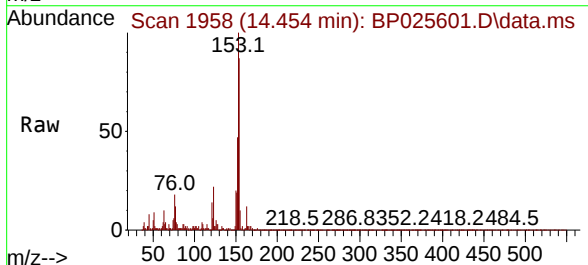
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.0	24.0
153	13.7	10.6	15.8

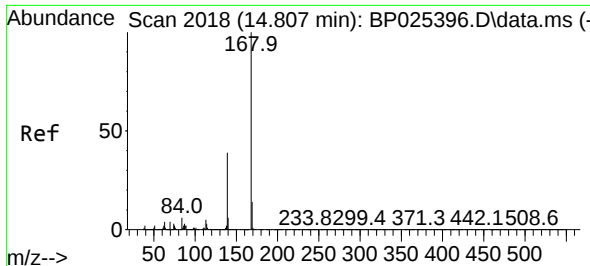


#52
 Acenaphthene
 Concen: 8.287 ng
 RT: 14.454 min Scan# 1958
 Delta R.T. -0.012 min
 Lab File: BP025601.D
 Acq: 27 Aug 2025 13:37

Tgt Ion:154 Resp: 194323

Ion	Ratio	Lower	Upper
154	100		
153	114.6	90.2	135.2
152	54.1	42.1	63.1

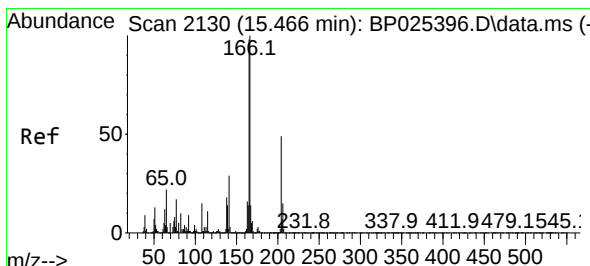
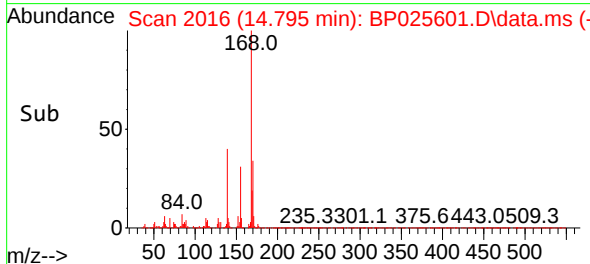
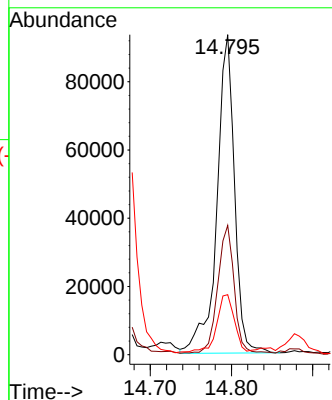
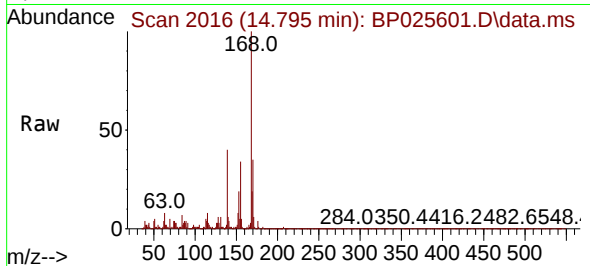




#55
Dibenzofuran
Concen: 3.820 ng
RT: 14.795 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

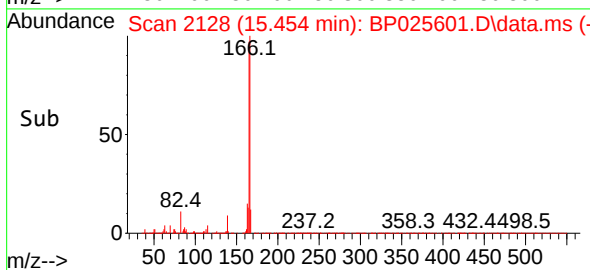
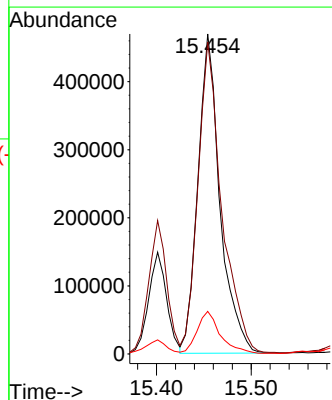
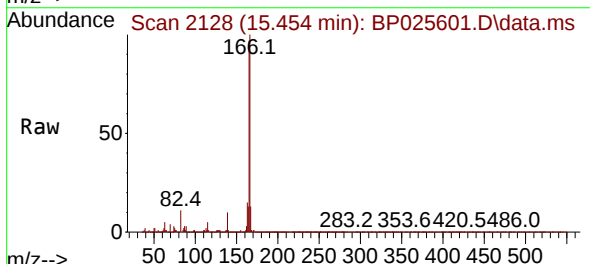
Instrument :
BNA_P
ClientSampleId :
MW-201-082025

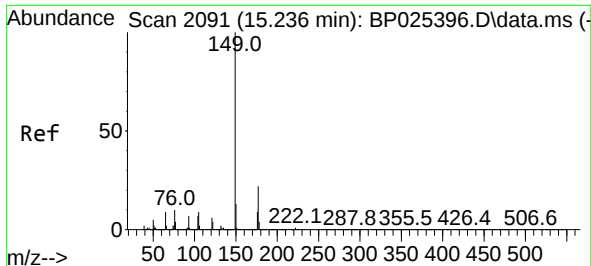
Tgt Ion:168 Resp: 141629
Ion Ratio Lower Upper
168 100
139 40.4 31.5 47.3
169 18.7 10.9 16.3#



#58
Fluorene
Concen: 26.029 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:166 Resp: 761442
Ion Ratio Lower Upper
166 100
165 97.5 78.8 118.2
167 13.3 11.0 16.4

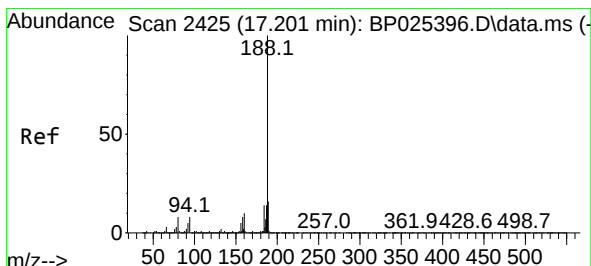
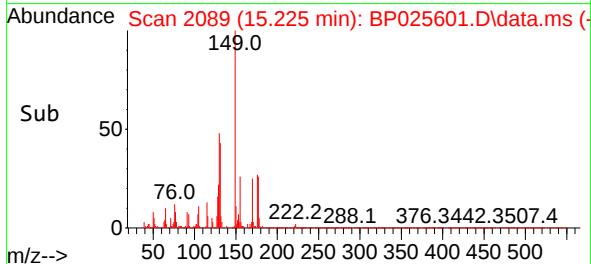
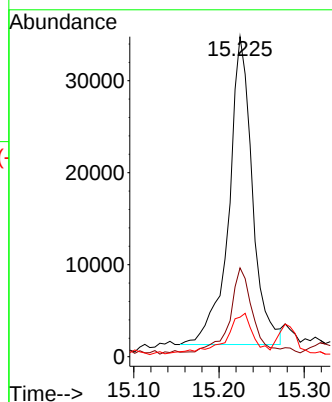
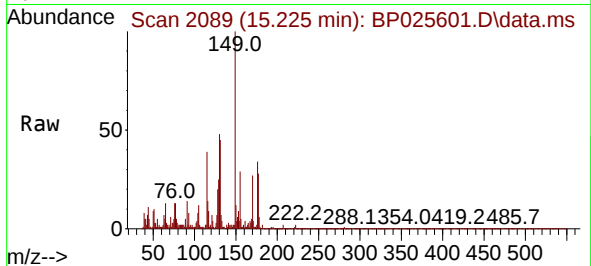




#60
Diethylphthalate
Concen: 2.019 ng
RT: 15.225 min Scan# 2091
Delta R.T. -0.012 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

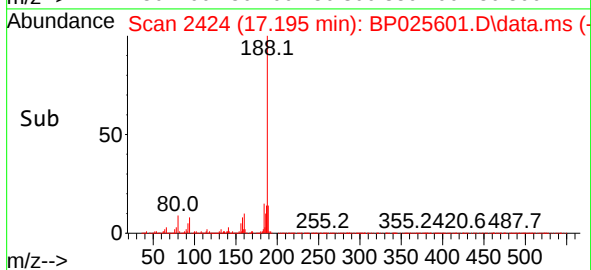
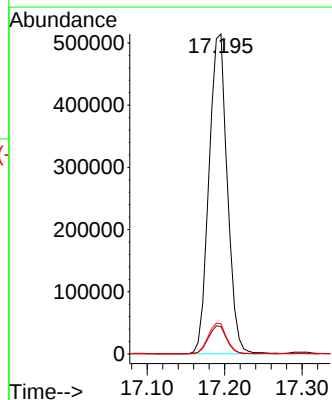
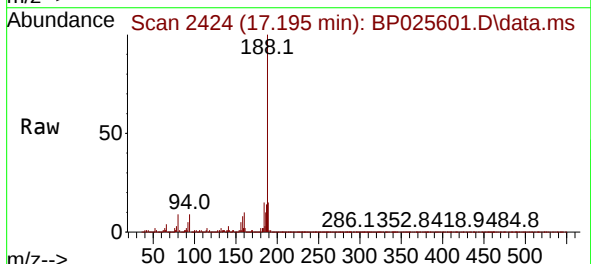
Instrument :
BNA_P
ClientSampleId :
MW-201-082025

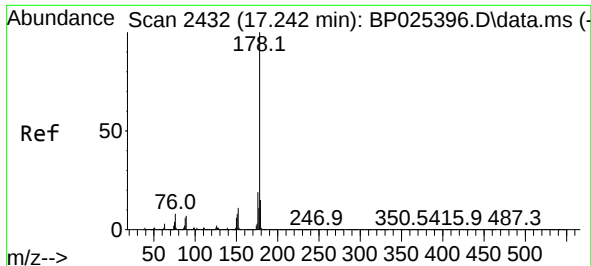
Tgt Ion:149 Resp: 64135
Ion Ratio Lower Upper
149 100
177 27.7 17.3 25.9#
150 12.3 10.3 15.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:188 Resp: 842894
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.4 6.7 10.1

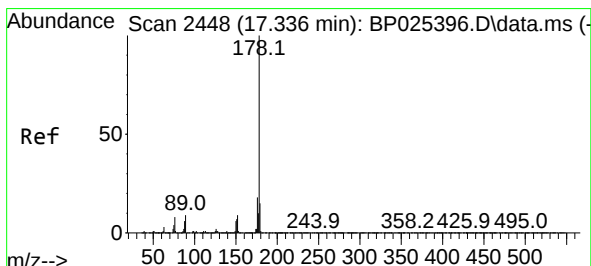
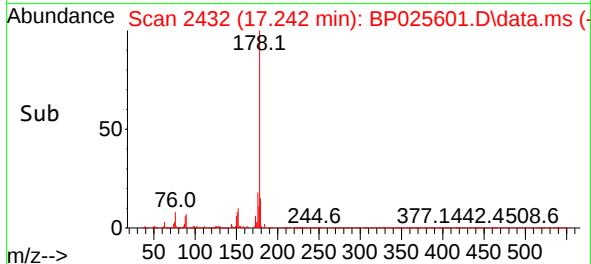
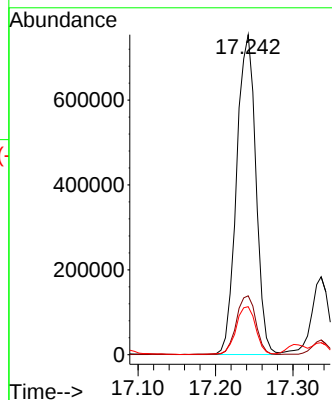
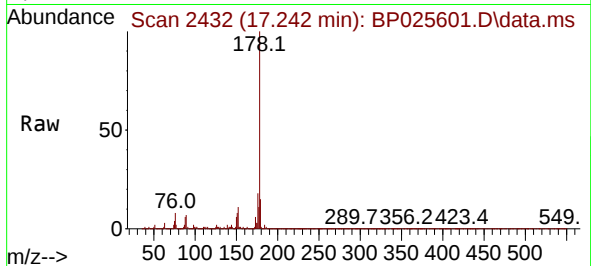




#71
Phenanthrene
Concen: 28.104 ng
RT: 17.242 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

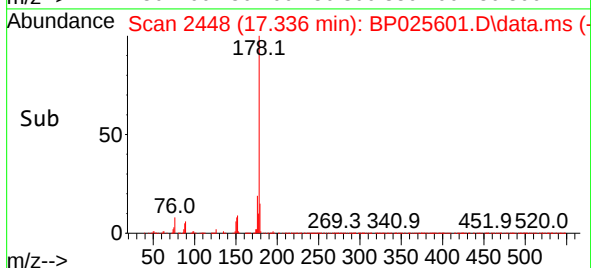
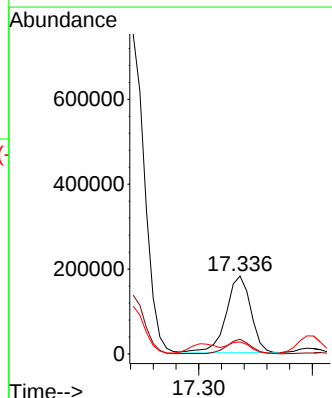
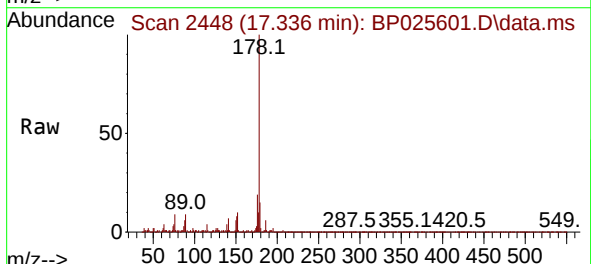
Instrument :
BNA_P
ClientSampleId :
MW-201-082025

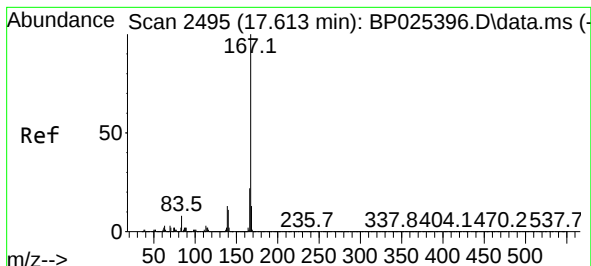
Tgt Ion:178 Resp: 1301280
Ion Ratio Lower Upper
178 100
176 18.4 15.5 23.3
179 15.0 12.2 18.4



#72
Anthracene
Concen: 5.800 ng
RT: 17.336 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:178 Resp: 274266
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 15.4 12.2 18.2





#73

Carbazole

Concen: 13.150 ng

RT: 17.613 min Scan# 2495

Delta R.T. -0.000 min

Lab File: BP025601.D

Acq: 27 Aug 2025 13:37

Instrument :

BNA_P

ClientSampleId :

MW-201-082025

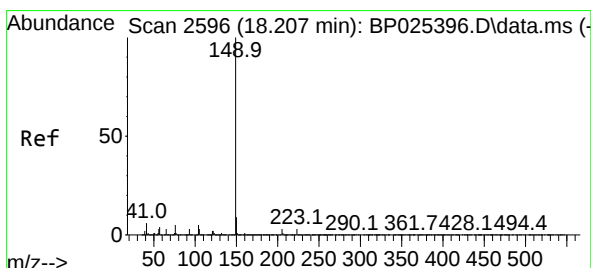
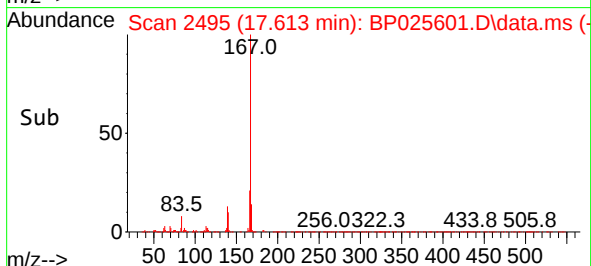
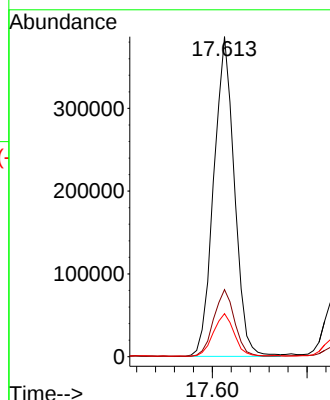
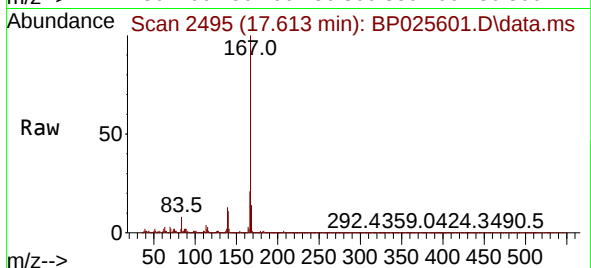
Tgt Ion:167 Resp: 585677

Ion Ratio Lower Upper

167 100

166 20.9 17.5 26.3

139 13.5 10.6 16.0



#74

Di-n-butylphthalate

Concen: 2.519 ng

RT: 18.201 min Scan# 2595

Delta R.T. -0.006 min

Lab File: BP025601.D

Acq: 27 Aug 2025 13:37

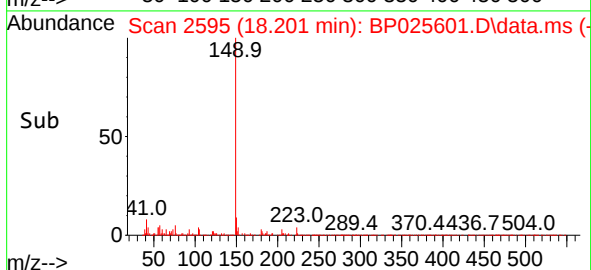
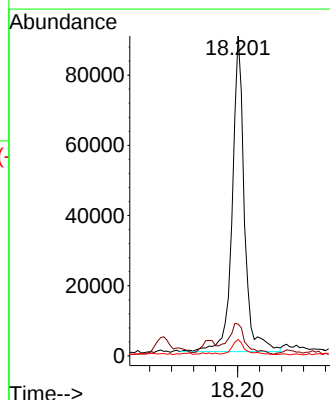
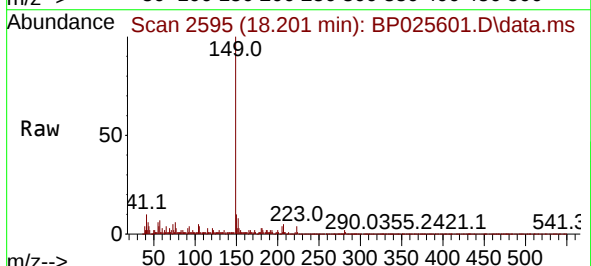
Tgt Ion:149 Resp: 138046

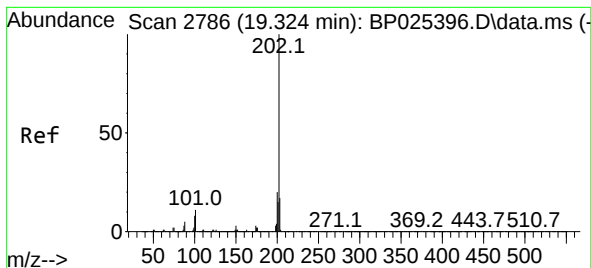
Ion Ratio Lower Upper

149 100

150 9.9 7.4 11.0

104 5.1 4.2 6.2





#75

Fluoranthene

Concen: 2.157 ng

RT: 19.319 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025601.D

Acq: 27 Aug 2025 13:37

Instrument :

BNA_P

ClientSampleId :

MW-201-082025

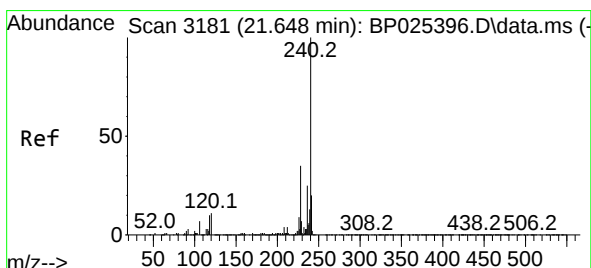
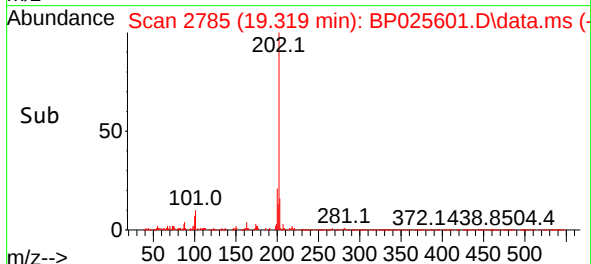
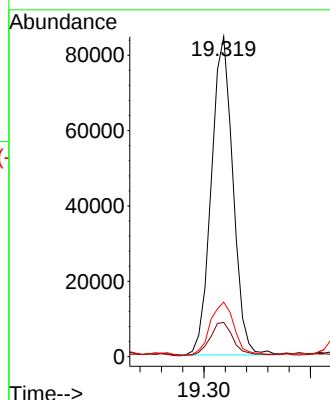
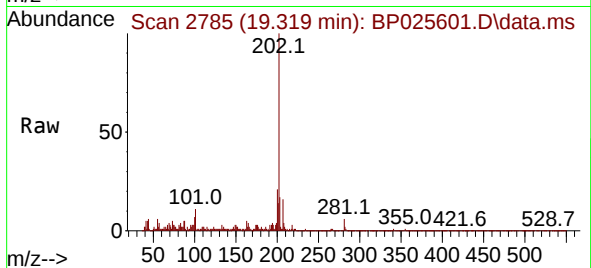
Tgt Ion:202 Resp: 119116

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.1

203 17.1 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.636 min Scan# 3179

Delta R.T. -0.012 min

Lab File: BP025601.D

Acq: 27 Aug 2025 13:37

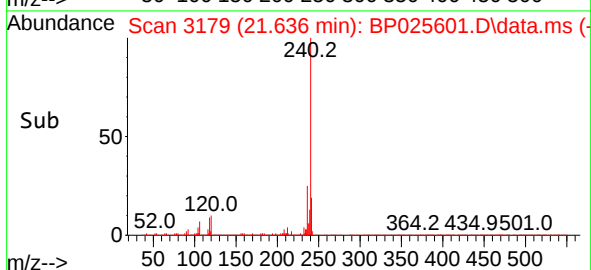
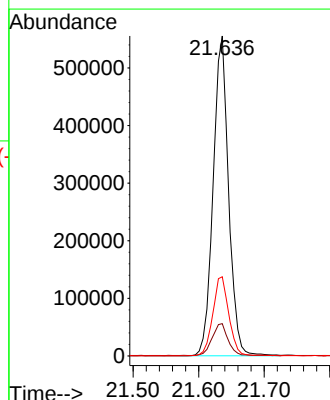
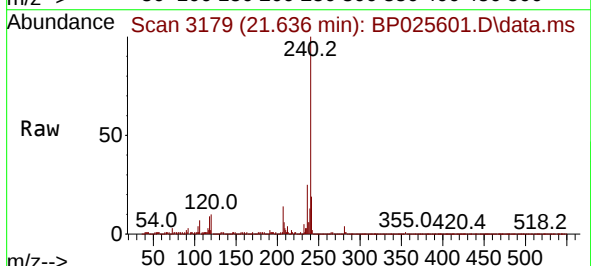
Tgt Ion:240 Resp: 908516

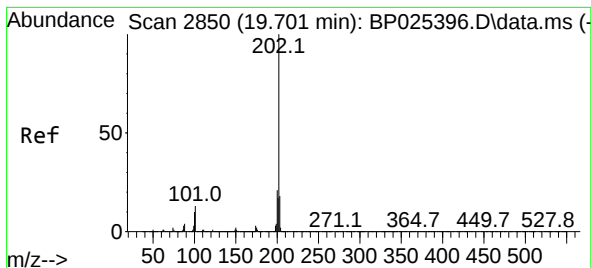
Ion Ratio Lower Upper

240 100

120 10.1 8.9 13.3

236 24.8 19.8 29.8





#78

Pyrene

Concen: 2.837 ng

RT: 19.695 min Scan# 2849

Delta R.T. -0.006 min

Lab File: BP025601.D

Acq: 27 Aug 2025 13:37

Instrument :

BNA_P

ClientSampleId :

MW-201-082025

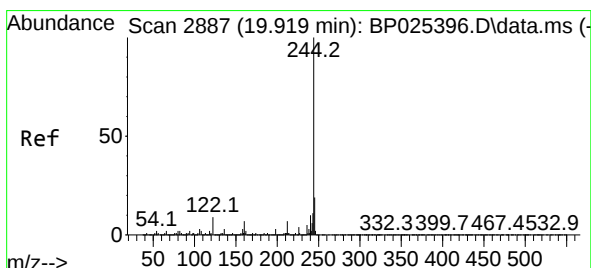
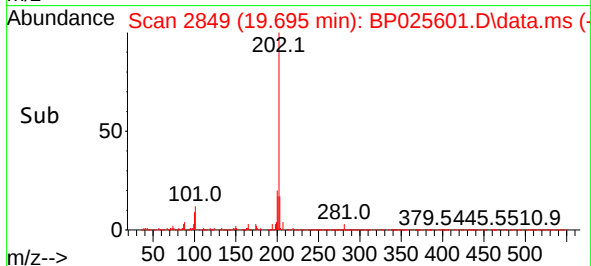
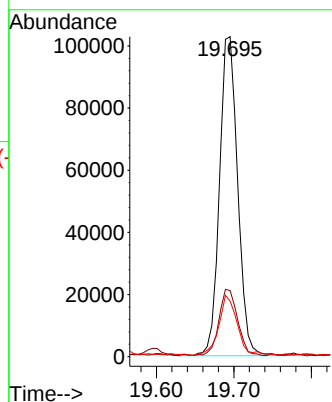
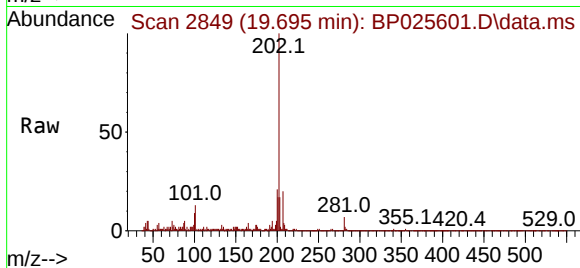
Tgt Ion:202 Resp: 167520

Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

203 17.4 14.2 21.2



#79

Terphenyl-d14

Concen: 74.049 ng

RT: 19.913 min Scan# 2886

Delta R.T. -0.006 min

Lab File: BP025601.D

Acq: 27 Aug 2025 13:37

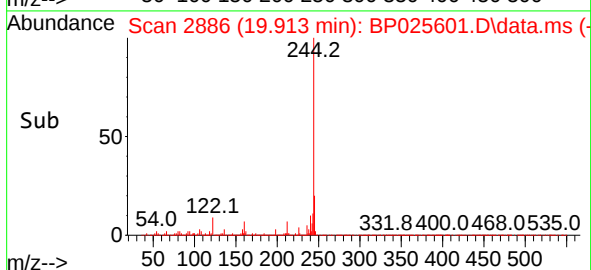
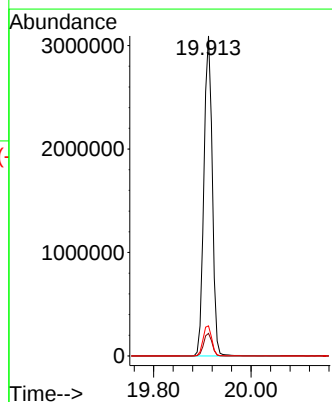
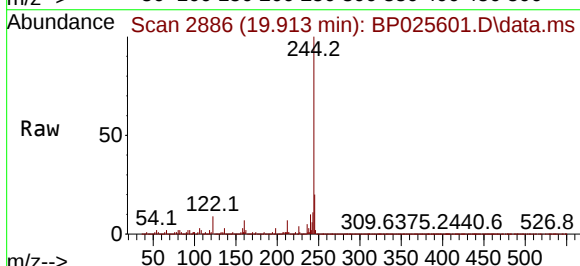
Tgt Ion:244 Resp: 3677080

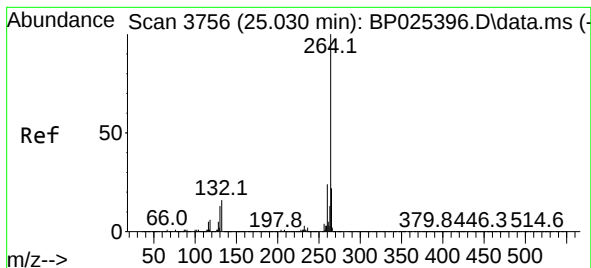
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 9.4 7.4 11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.001 min Scan# 31

Delta R.T. -0.029 min

Lab File: BP025601.D

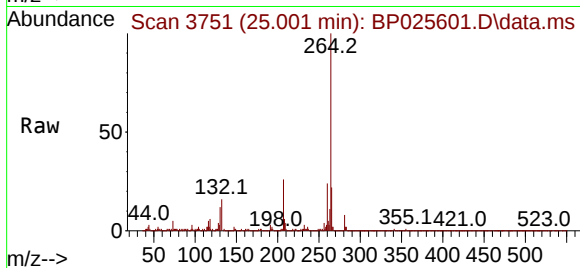
Acq: 27 Aug 2025 13:37

Instrument :

BNA_P

ClientSampleId :

MW-201-082025



Tgt Ion:264 Resp: 1056970

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 22.1 17.4 26.0

