

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
 Data File : BP024877.D
 Acq On : 09 Jun 2025 14:52
 Operator : RC/JU
 Sample : Q2230-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GW-MW01-060425

Quant Time: Jun 09 15:55:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

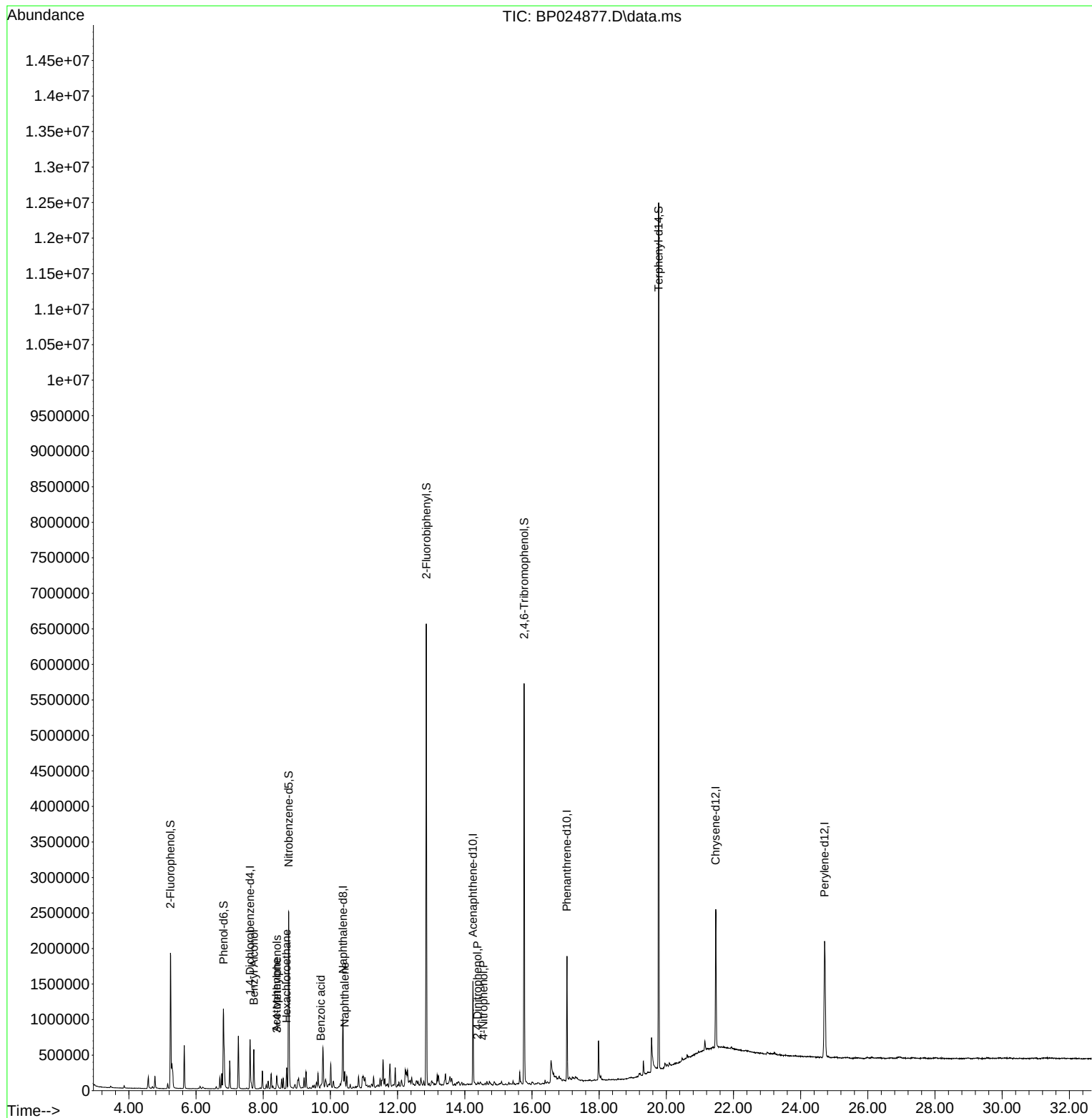
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	193111	20.000	ng	0.00
21) Naphthalene-d8	10.372	136	768427	20.000	ng	0.00
39) Acenaphthene-d10	14.243	164	479578	20.000	ng	0.00
64) Phenanthrene-d10	17.042	188	943300	20.000	ng	-0.02
76) Chrysene-d12	21.472	240	1244702	20.000	ng	-0.01
86) Perylene-d12	24.713	264	1717483	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	953456	82.414	ng	0.00
7) Phenol-d6	6.814	99	781439	51.051	ng	0.00
23) Nitrobenzene-d5	8.755	82	1471313	93.041	ng	0.00
42) 2,4,6-Tribromophenol	15.766	330	1067678	161.027	ng	-0.02
45) 2-Fluorobiphenyl	12.854	172	3058686	85.918	ng	0.00
79) Terphenyl-d14	19.772	244	5454769	78.543	ng	-0.02
Target Compounds						
						Qvalue
15) Benzyl Alcohol	7.719	79	26705	2.273	ng	# 9
18) Hexachloroethane	8.696	117	40737	7.330	ng	# 1
20) 3+4-Methylphenols	8.408	107	60786	4.043	ng	85
22) Acetophenone	8.396	105	78143	4.025	ng	# 60
31) Naphthalene	10.425	128	79849	2.028	ng	# 90
32) Benzoic acid	9.713	122	37128	4.631	ng	97
54) 2,4-Dinitrophenol	14.378	184	18	5.567	ng	# 1
56) 4-Nitrophenol	14.554	139	628	5.497	ng	# 76

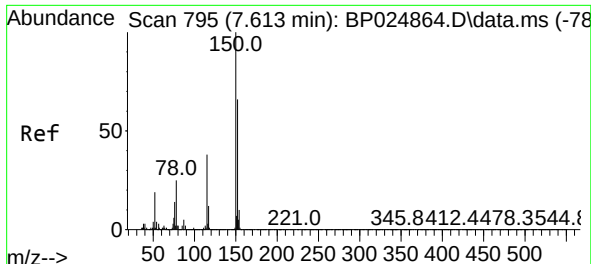
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

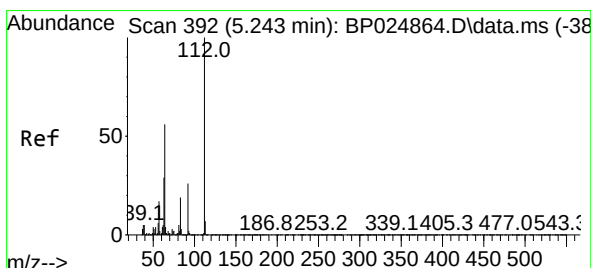
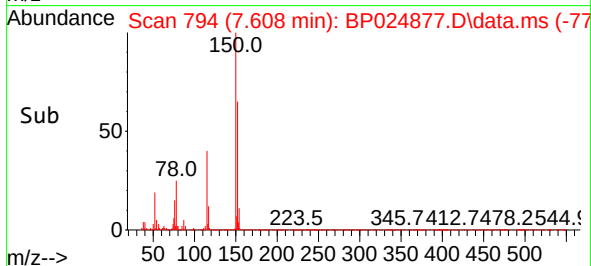
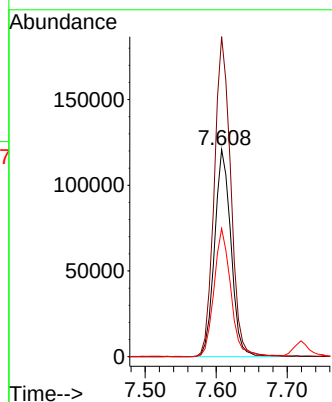
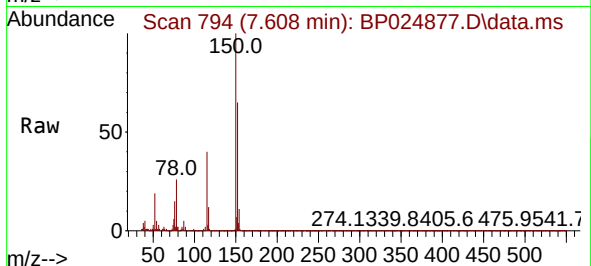




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024877.D
Acq: 09 Jun 2025 14:52

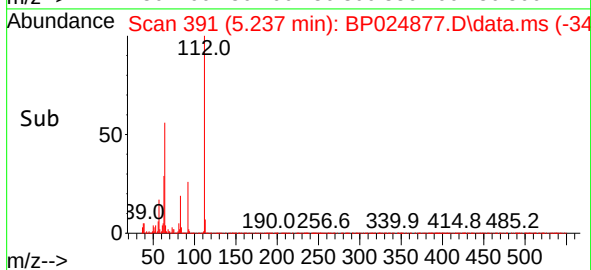
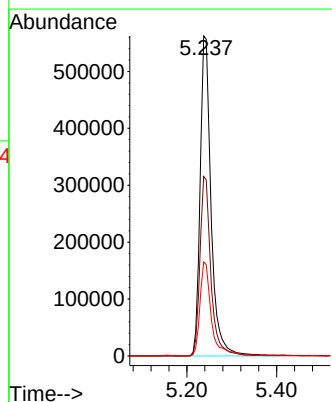
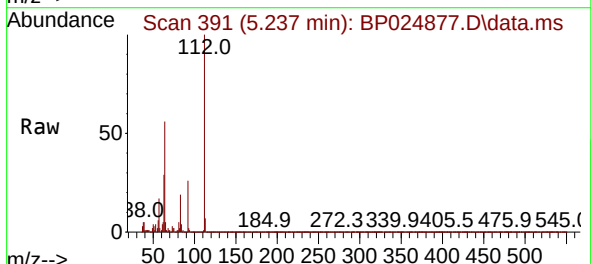
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425

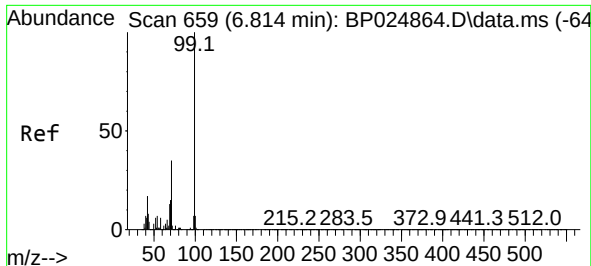
Tgt Ion:152 Resp: 193111
Ion Ratio Lower Upper
152 100
150 154.5 122.1 183.1
115 61.9 46.4 69.6



#5
2-Fluorophenol
Concen: 82.414 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024877.D
Acq: 09 Jun 2025 14:52

Tgt Ion:112 Resp: 953456
Ion Ratio Lower Upper
112 100
64 56.1 44.7 67.1
63 29.4 23.5 35.3

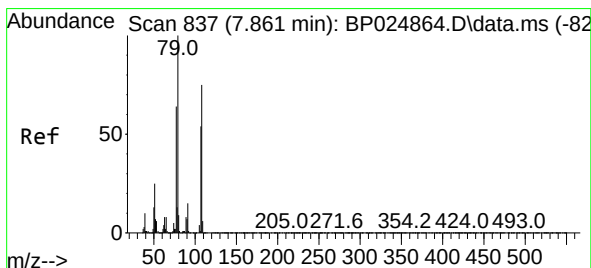
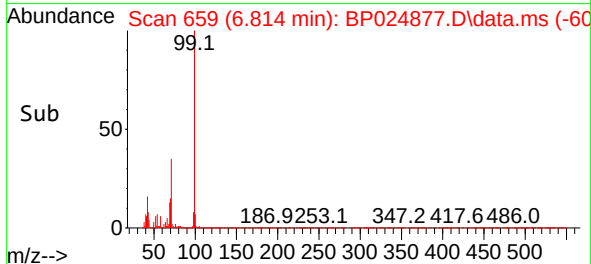
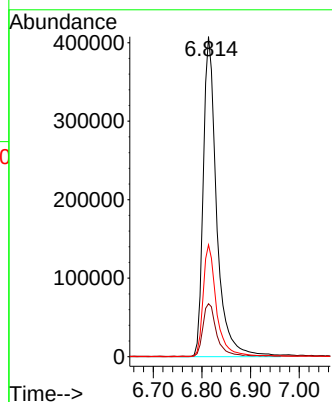
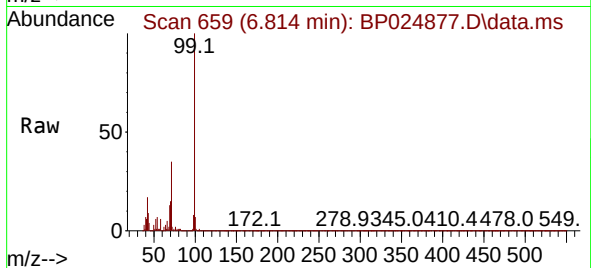




#7
Phenol-d6
Concen: 51.051 ng
RT: 6.814 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024877.D
Acq: 09 Jun 2025 14:52

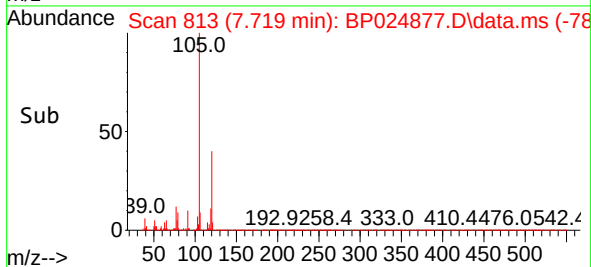
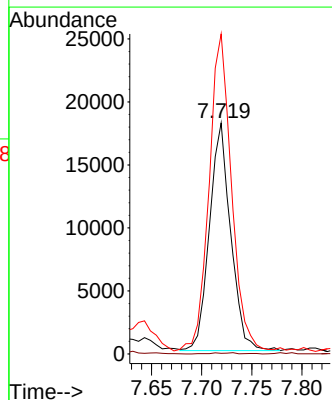
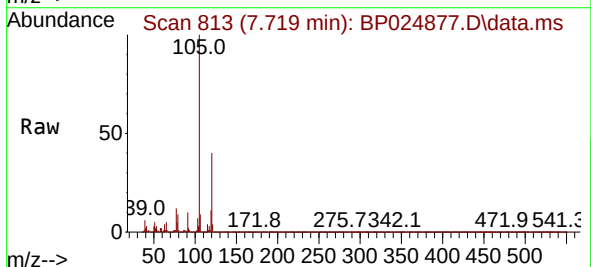
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425

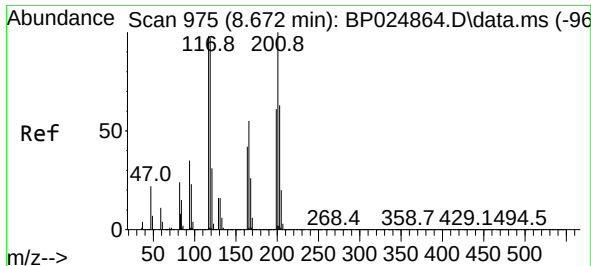
Tgt Ion: 99 Resp: 781439
Ion Ratio Lower Upper
99 100
42 16.5 13.4 20.2
71 34.9 27.6 41.4



#15
Benzyl Alcohol
Concen: 2.273 ng
RT: 7.719 min Scan# 813
Delta R.T. -0.141 min
Lab File: BP024877.D
Acq: 09 Jun 2025 14:52

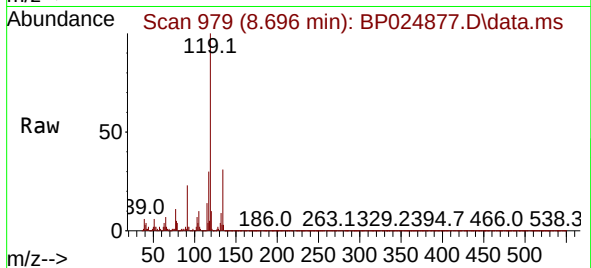
Tgt Ion: 79 Resp: 26705
Ion Ratio Lower Upper
79 100
108 0.3 60.2 90.4#
77 138.5 51.2 76.8#



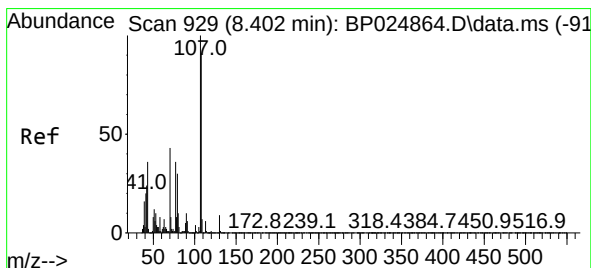
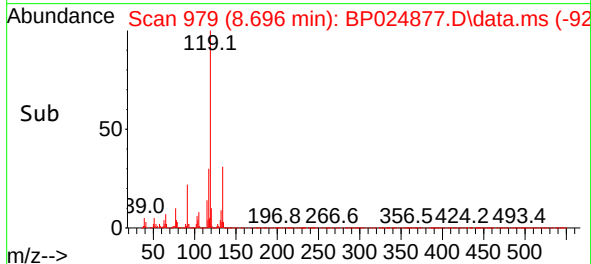
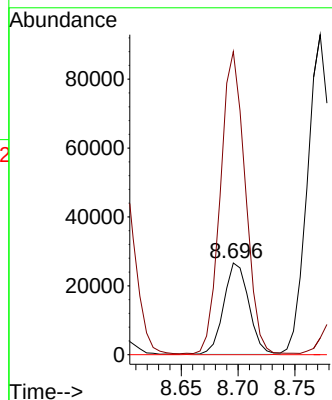


#18
Hexachloroethane
Concen: 7.330 ng
RT: 8.696 min Scan# 91
Delta R.T. 0.024 min
Lab File: BP024877.D
Acq: 09 Jun 2025 14:52

Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425

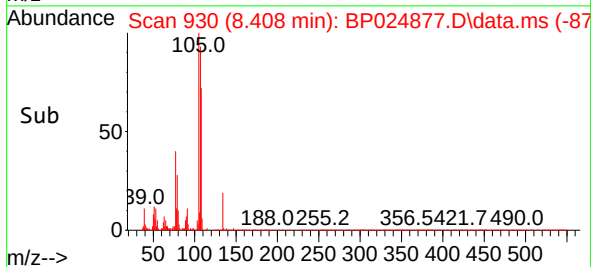
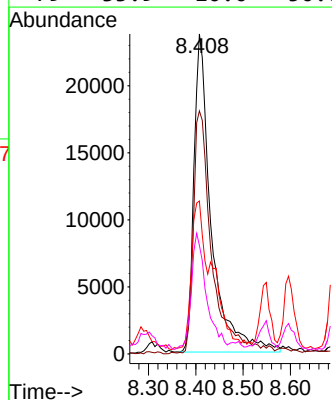
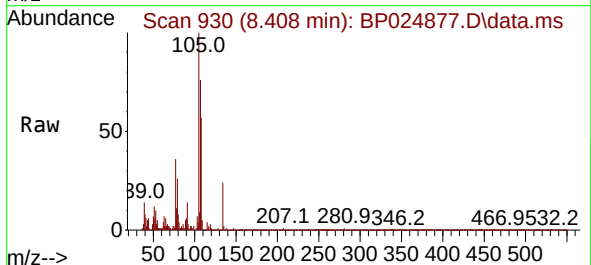


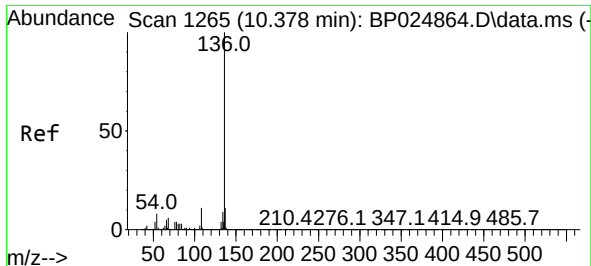
Tgt Ion:117 Resp: 40737
Ion Ratio Lower Upper
117 100
119 330.4 79.4 119.2#
201 0.1 81.4 122.2#



#20
3+4-Methylphenols
Concen: 4.043 ng
RT: 8.408 min Scan# 930
Delta R.T. 0.006 min
Lab File: BP024877.D
Acq: 09 Jun 2025 14:52

Tgt Ion:107 Resp: 60786
Ion Ratio Lower Upper
107 100
108 75.9 70.7 110.7
77 47.8 16.6 56.6
79 33.9 10.0 50.0



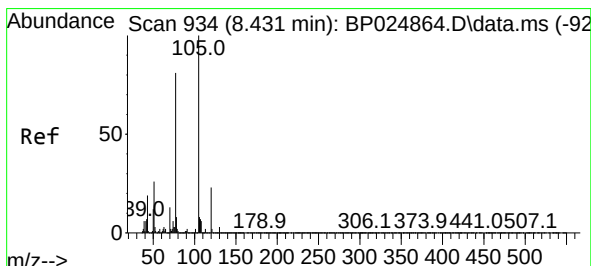
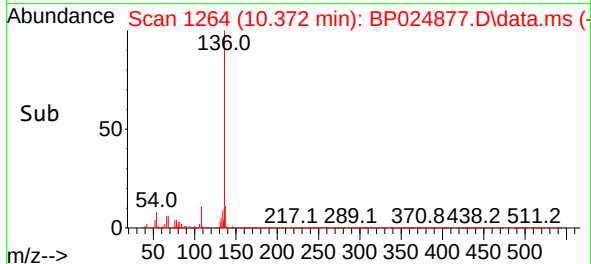
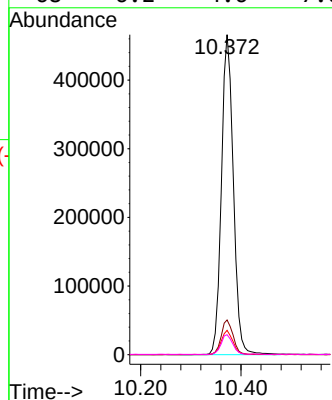
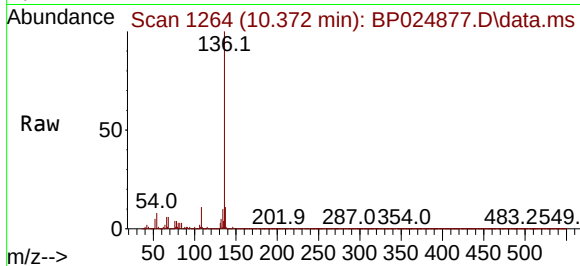


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.372 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024877.D
Acq: 09 Jun 2025 14:52

Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425

Tgt Ion:136 Resp: 768427

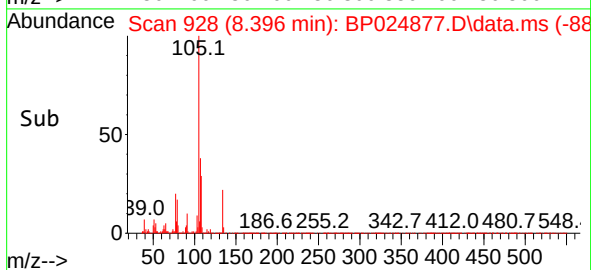
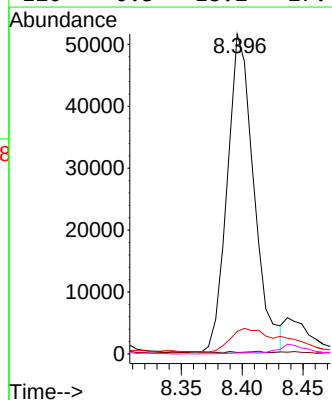
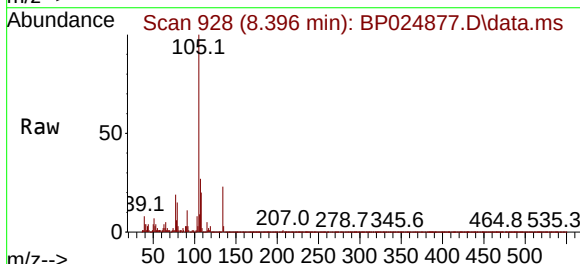
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.6	6.1	9.1
68	6.2	4.6	7.0

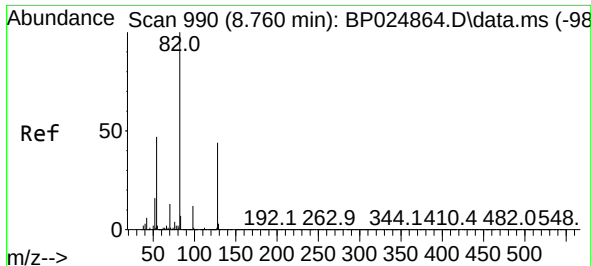


#22
Acetophenone
Concen: 4.025 ng
RT: 8.396 min Scan# 928
Delta R.T. -0.035 min
Lab File: BP024877.D
Acq: 09 Jun 2025 14:52

Tgt Ion:105 Resp: 78143

Ion	Ratio	Lower	Upper
105	100		
71	0.4	1.6	2.4#
51	7.1	20.6	31.0#
120	0.3	18.2	27.4#

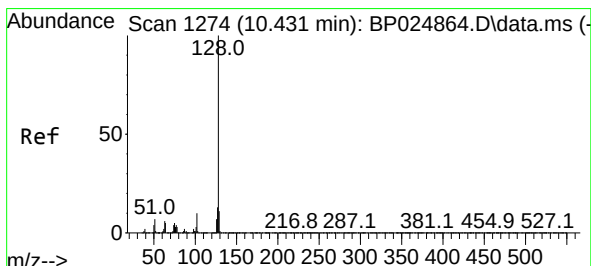
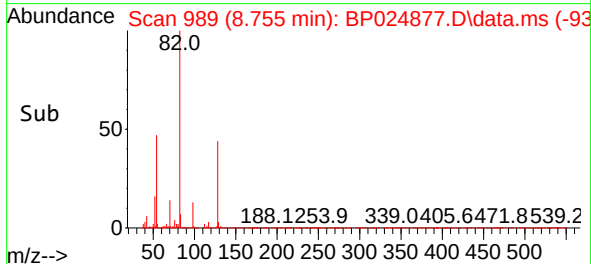
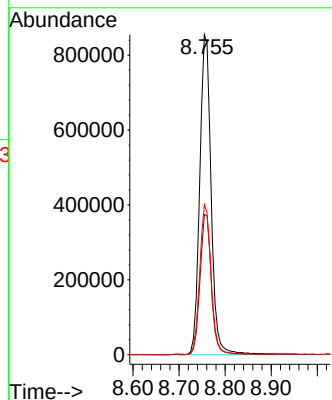
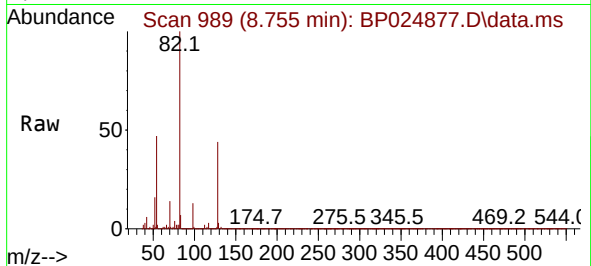




#23
 Nitrobenzene-d5
 Concen: 93.041 ng
 RT: 8.755 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BP024877.D
 Acq: 09 Jun 2025 14:52

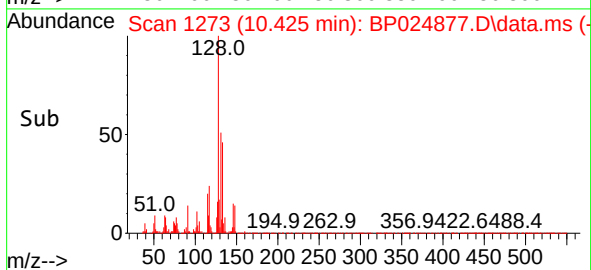
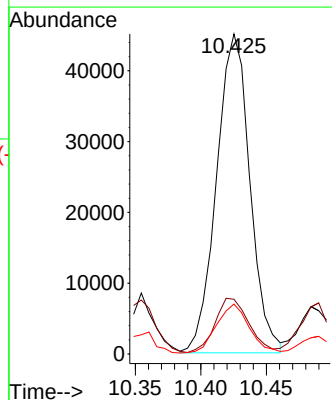
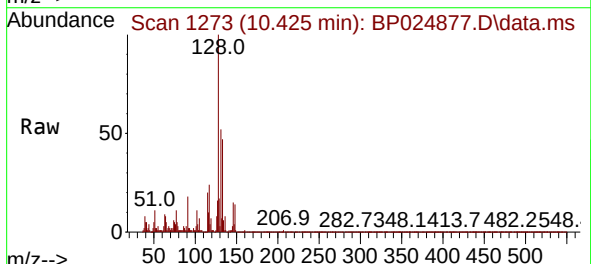
Instrument :
 BNA_P
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 GW-MW01-060425

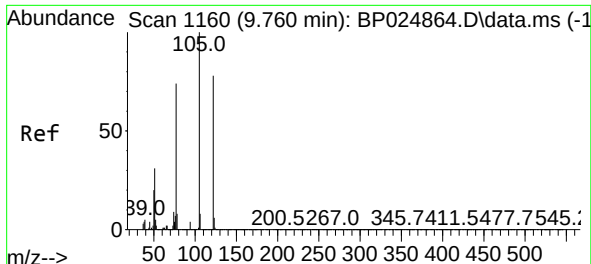
Tgt Ion: 82 Resp: 1471313
 Ion Ratio Lower Upper
 82 100
 128 43.9 35.3 52.9
 54 46.9 37.4 56.0



#31
 Naphthalene
 Concen: 2.028 ng
 RT: 10.425 min Scan# 1273
 Delta R.T. -0.006 min
 Lab File: BP024877.D
 Acq: 09 Jun 2025 14:52

Tgt Ion: 128 Resp: 79849
 Ion Ratio Lower Upper
 128 100
 129 17.1 8.7 13.1#
 127 15.6 10.7 16.1

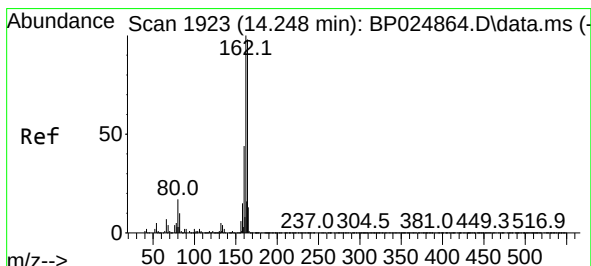
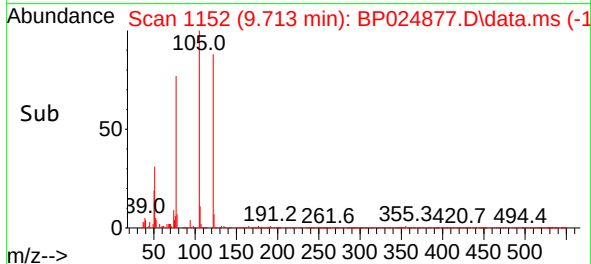
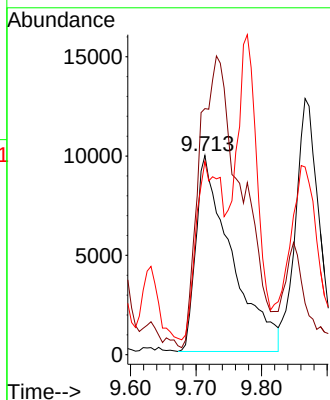
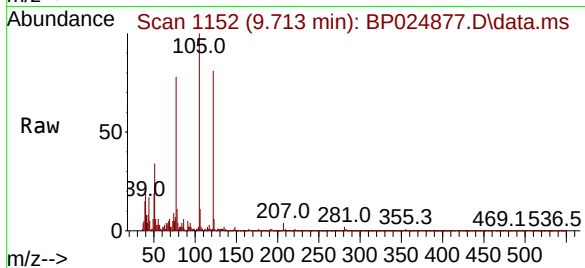




#32
Benzoic acid
Concen: 4.631 ng
RT: 9.713 min Scan# 1160
Delta R.T. -0.047 min
Lab File: BP024877.D
Acq: 09 Jun 2025 14:52

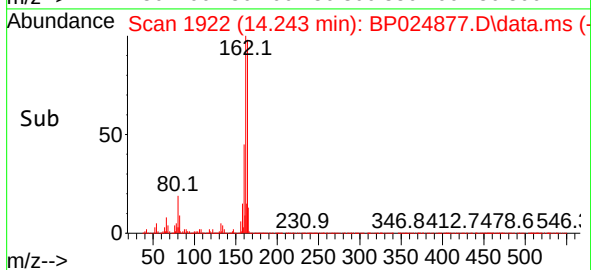
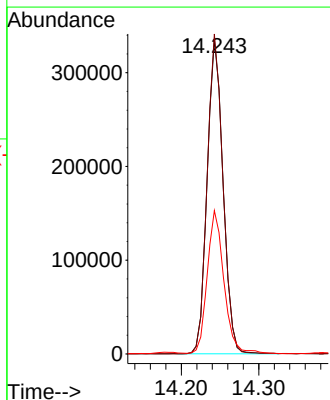
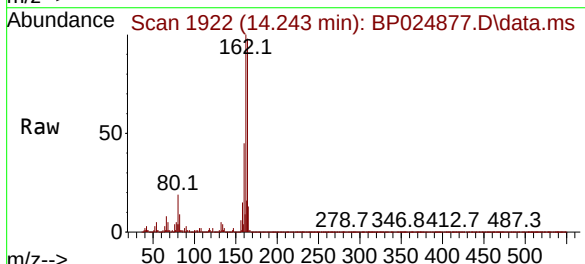
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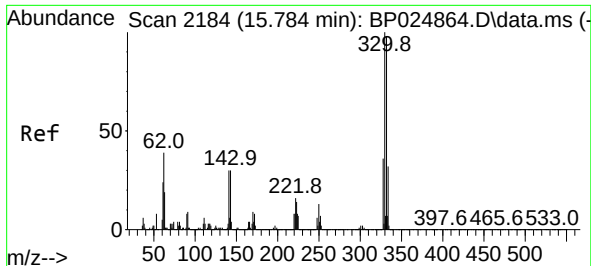
Tgt Ion:122 Resp: 37128
Ion Ratio Lower Upper
122 100
105 123.6 107.1 147.1
77 97.0 75.1 115.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.243 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BP024877.D
Acq: 09 Jun 2025 14:52

Tgt Ion:164 Resp: 479578
Ion Ratio Lower Upper
164 100
162 101.7 81.6 122.4
160 45.6 36.2 54.2

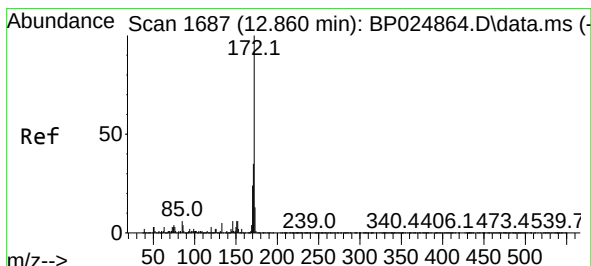
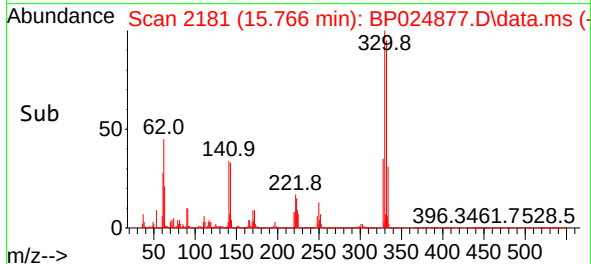
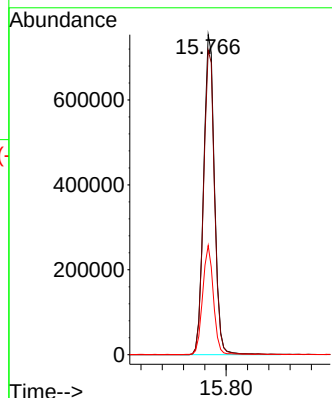
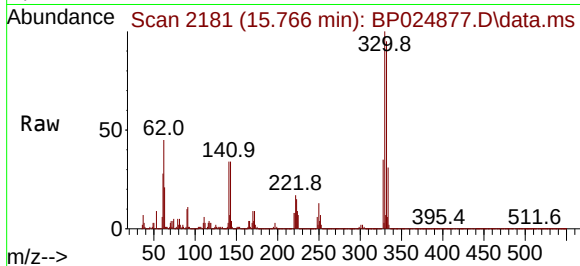




#42
2,4,6-Tribromophenol
Concen: 161.027 ng
RT: 15.766 min Scan# 2184
Delta R.T. -0.018 min
Lab File: BP024877.D
Acq: 09 Jun 2025 14:52

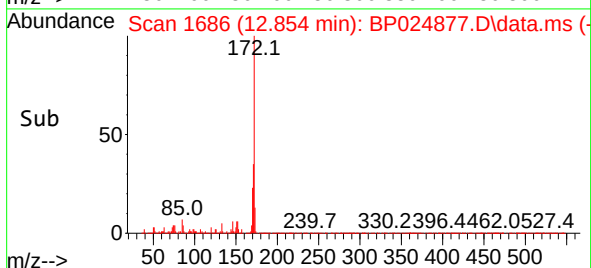
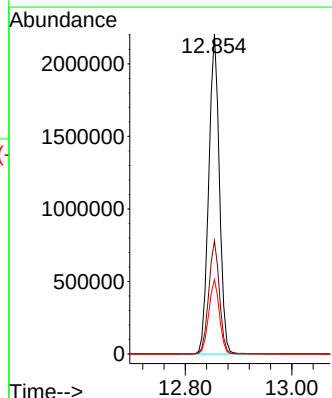
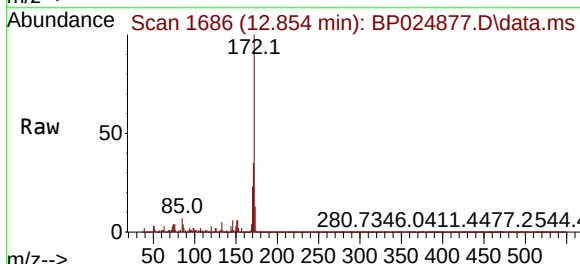
Instrument :
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GW-MW01-060425

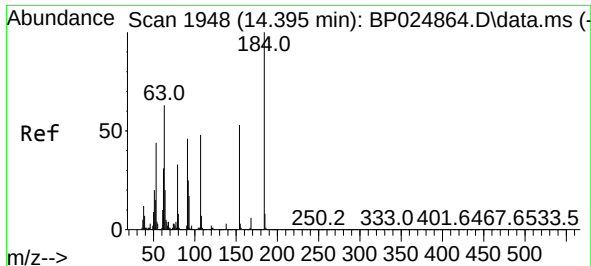
Tgt Ion:330 Resp: 1067678
Ion Ratio Lower Upper
330 100
332 96.0 77.7 116.5
141 33.6 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 85.918 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP024877.D
Acq: 09 Jun 2025 14:52

Tgt Ion:172 Resp: 3058686
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.2 19.0 28.4

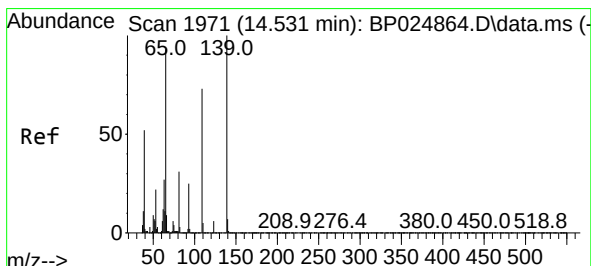
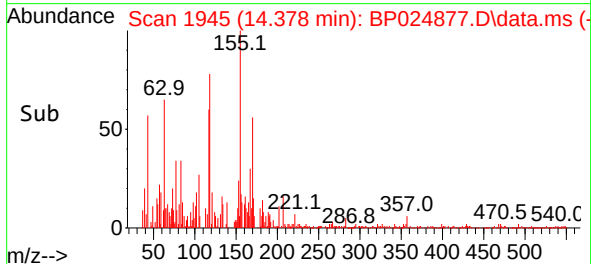
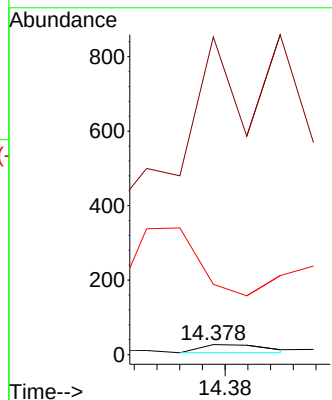
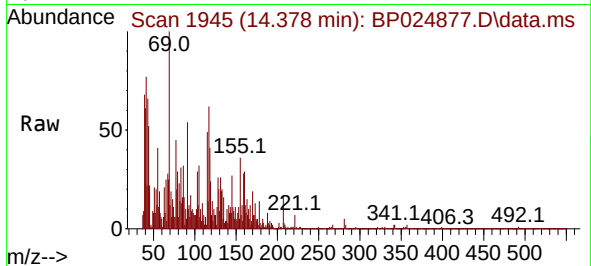




#54
2,4-Dinitrophenol
Concen: 5.567 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.017 min
Lab File: BP024877.D
Acq: 09 Jun 2025 14:52

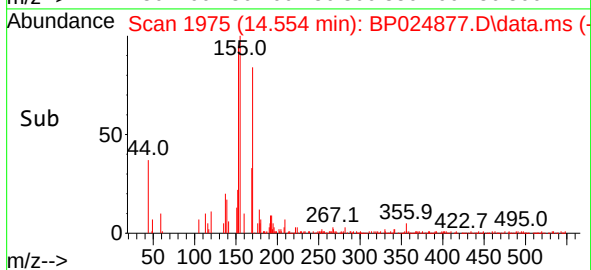
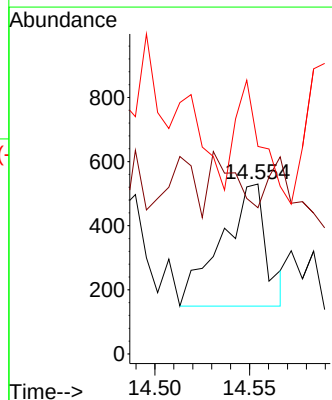
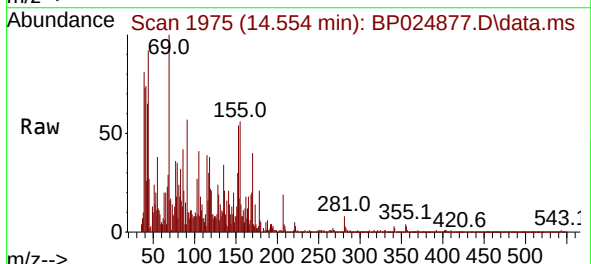
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425

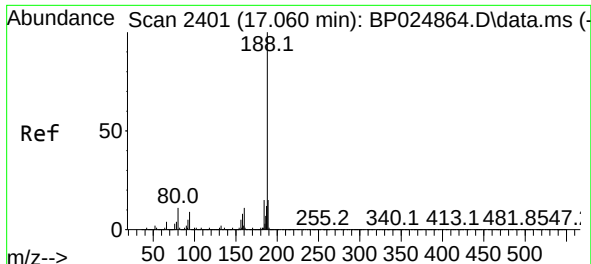
Tgt Ion:184 Resp: 18
Ion Ratio Lower Upper
184 100
63 3159.3 51.0 76.4#
154 700.0 51.7 77.5#



#56
4-Nitrophenol
Concen: 5.497 ng
RT: 14.554 min Scan# 1975
Delta R.T. 0.023 min
Lab File: BP024877.D
Acq: 09 Jun 2025 14:52

Tgt Ion:139 Resp: 628
Ion Ratio Lower Upper
139 100
109 86.0 53.1 93.1
65 122.1 73.0 113.0#

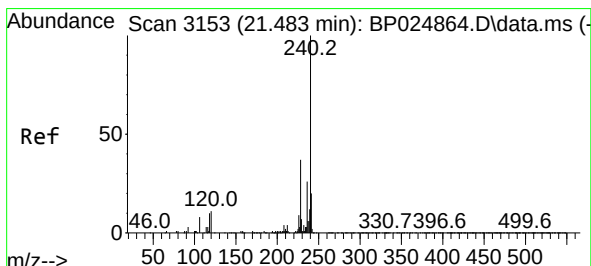
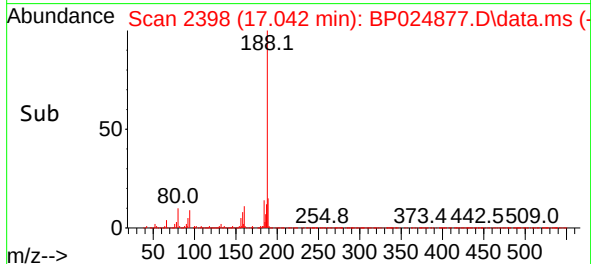
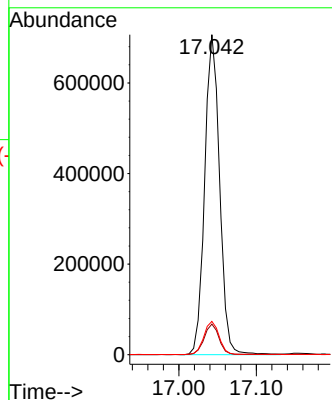
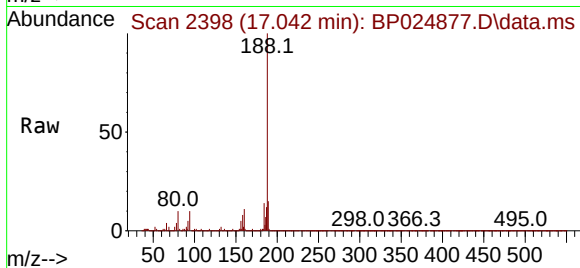




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.042 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024877.D
Acq: 09 Jun 2025 14:52

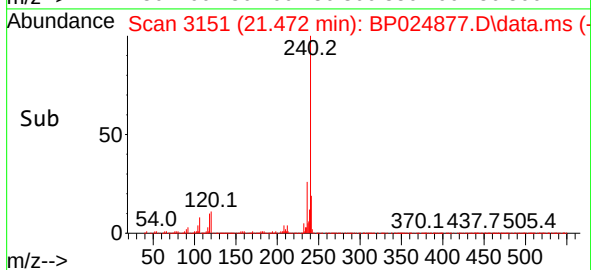
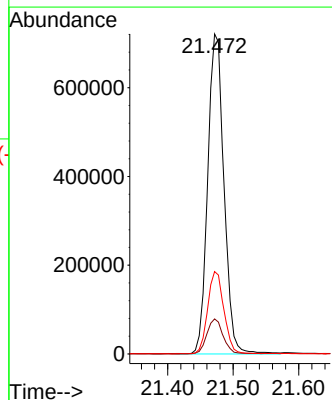
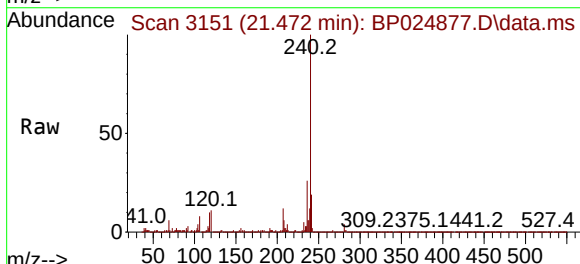
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425

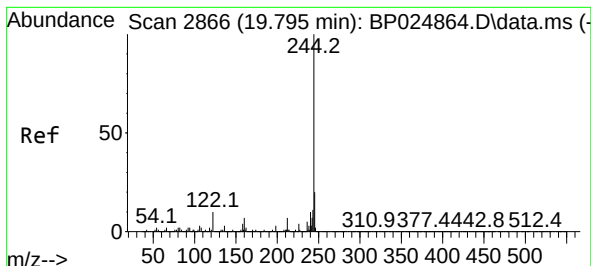
Tgt Ion:188 Resp: 943300
Ion Ratio Lower Upper
188 100
94 9.6 7.3 10.9
80 10.4 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.472 min Scan# 3151
Delta R.T. -0.012 min
Lab File: BP024877.D
Acq: 09 Jun 2025 14:52

Tgt Ion:240 Resp: 1244702
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 78.543 ng

RT: 19.772 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP024877.D

Acq: 09 Jun 2025 14:52

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425

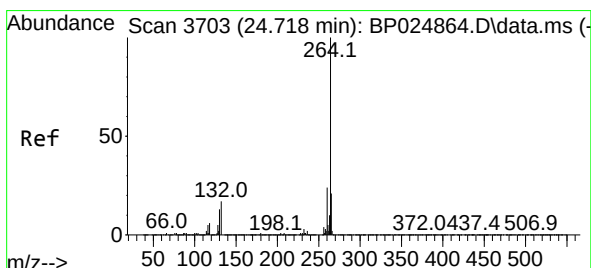
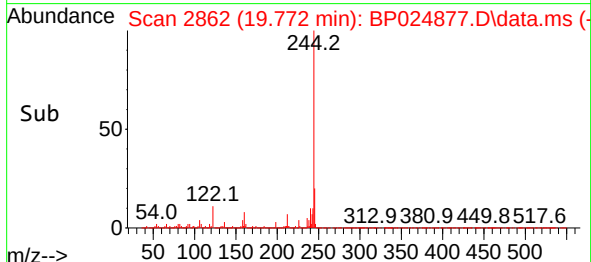
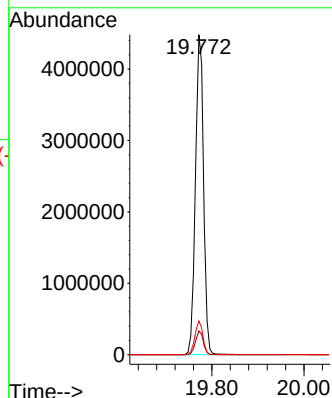
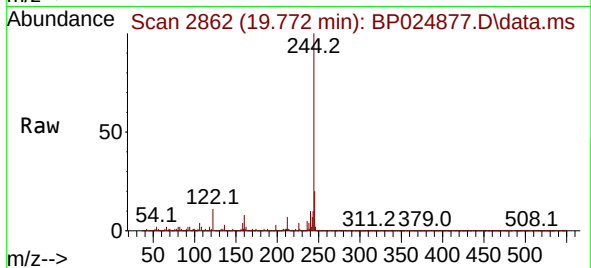
Tgt Ion:244 Resp: 5454769

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

122 10.5 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.713 min Scan# 3702

Delta R.T. -0.006 min

Lab File: BP024877.D

Acq: 09 Jun 2025 14:52

Tgt Ion:264 Resp: 1717483

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 21.9 17.4 26.0

