

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
 Data File : BP024875.D
 Acq On : 09 Jun 2025 13:31
 Operator : RC/JU
 Sample : Q2209-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P01W

Quant Time: Jun 09 13:51:31 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)

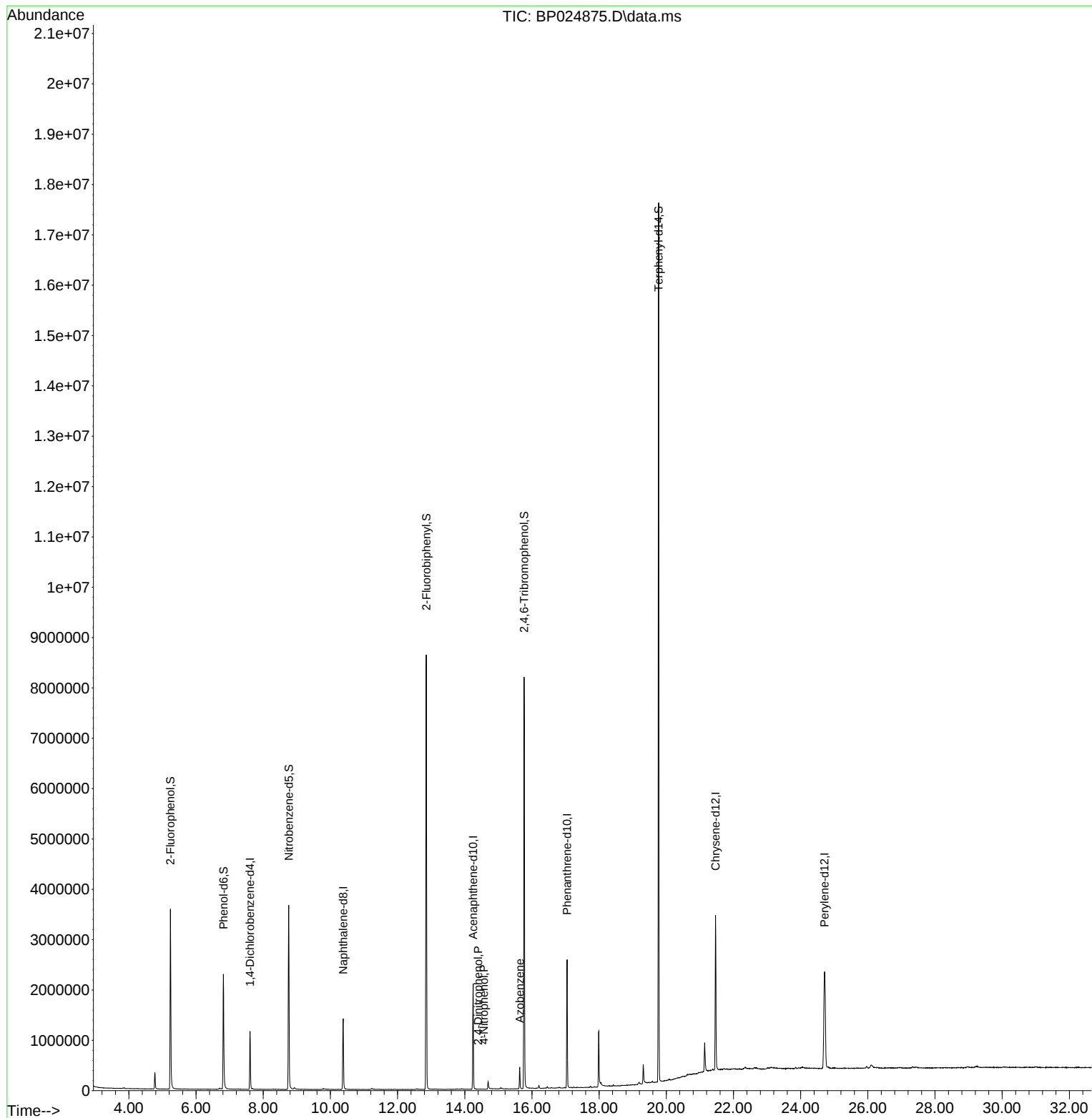
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	305772	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1202322	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	730596	20.000	ng	0.00
64) Phenanthrene-d10	17.048	188	1469775	20.000	ng	-0.01
76) Chrysene-d12	21.466	240	1832304	20.000	ng	-0.02
86) Perylene-d12	24.712	264	2370307	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1664555	90.868	ng	0.00
7) Phenol-d6	6.813	99	1441905	59.491	ng	0.00
23) Nitrobenzene-d5	8.760	82	2205524	89.138	ng	0.00
42) 2,4,6-Tribromophenol	15.766	330	1613344	159.723	ng	-0.02
45) 2-Fluorobiphenyl	12.854	172	4535208	83.623	ng	0.00
79) Terphenyl-d14	19.772	244	8128028	79.503	ng	-0.02
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.395	184	23	5.566	ng	# 1
56) 4-Nitrophenol	14.572	139	213	5.429	ng	82
63) Azobenzene	15.637	77	121728	2.471	ng	# 1

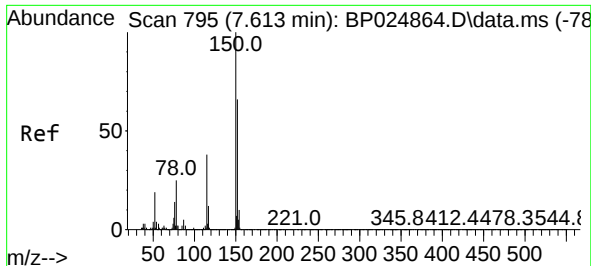
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
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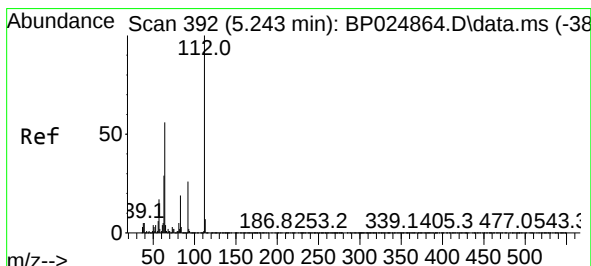
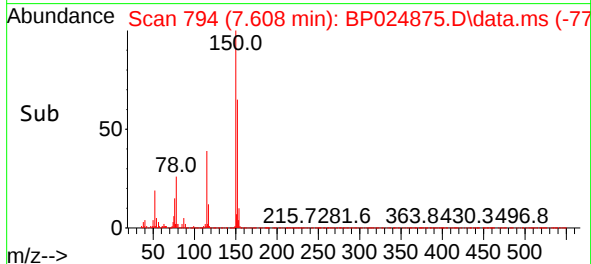
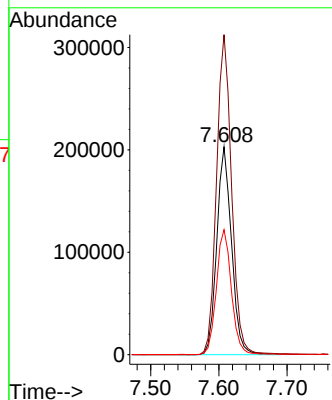
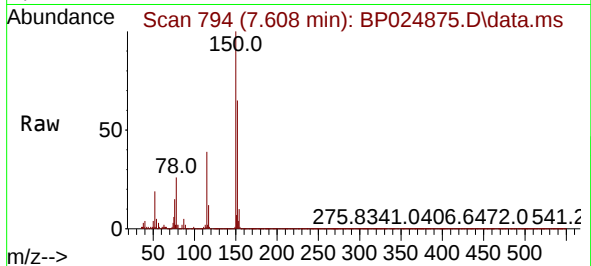




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

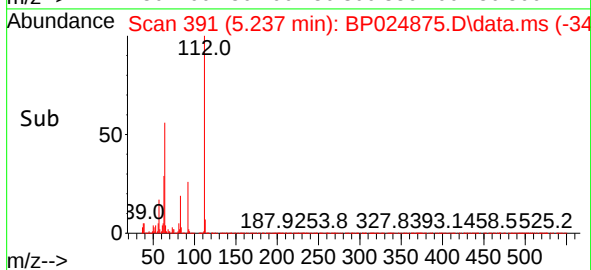
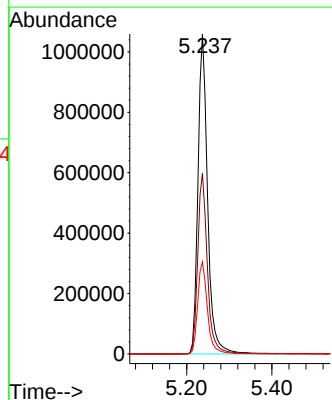
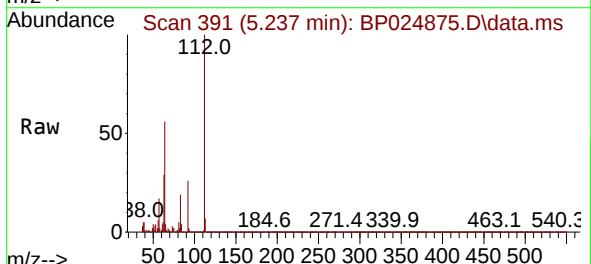
Instrument :
BNA_P
ClientSampleId :
P01W

Tgt Ion:152 Resp: 305772
Ion Ratio Lower Upper
152 100
150 154.0 122.1 183.1
115 60.1 46.4 69.6



#5
2-Fluorophenol
Concen: 90.868 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

Tgt Ion:112 Resp: 1664555
Ion Ratio Lower Upper
112 100
64 56.5 44.7 67.1
63 28.8 23.5 35.3

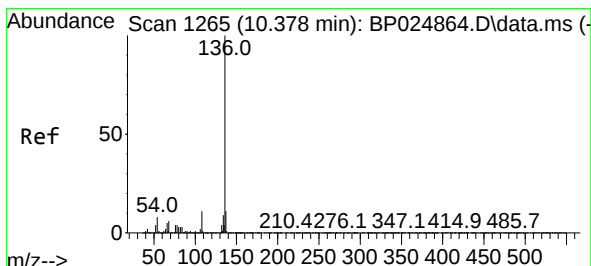
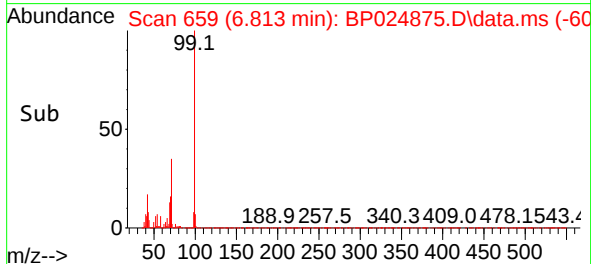
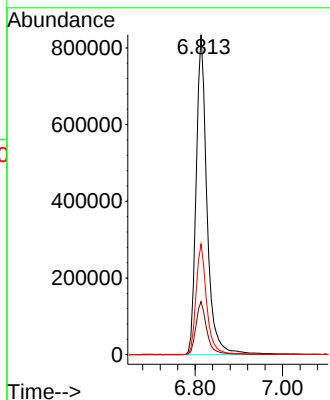
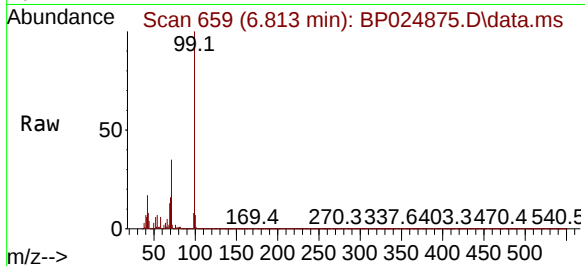




#7
Phenol-d6
Concen: 59.491 ng
RT: 6.813 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

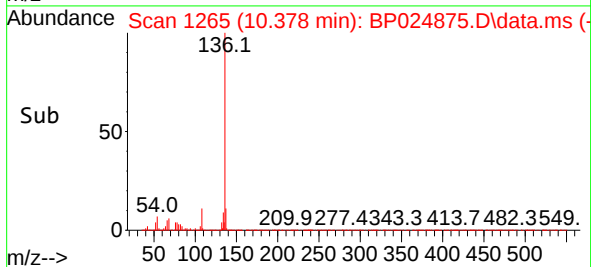
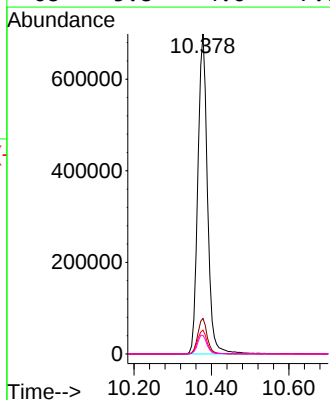
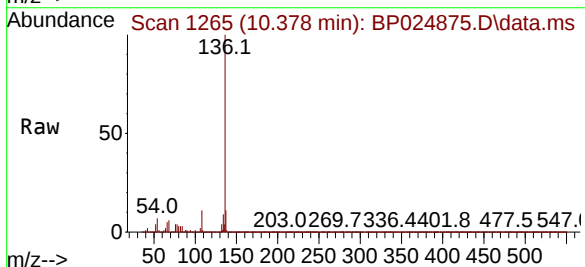
Instrument :
BNA_P
ClientSampleId :
P01W

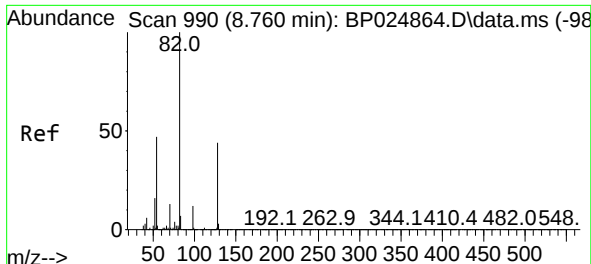
Tgt Ion: 99 Resp: 1441905
Ion Ratio Lower Upper
99 100
42 16.6 13.4 20.2
71 34.6 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

Tgt Ion:136 Resp: 1202322
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.5 6.1 9.1
68 5.8 4.6 7.0

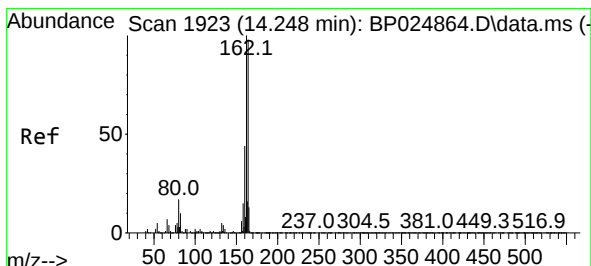
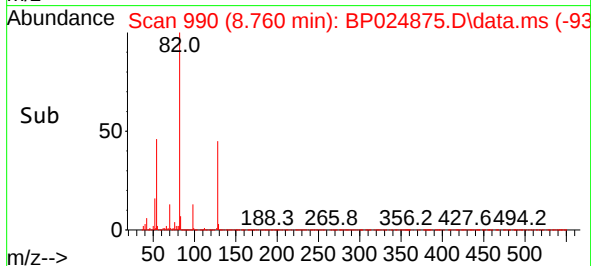
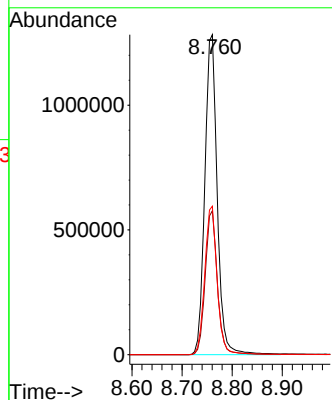
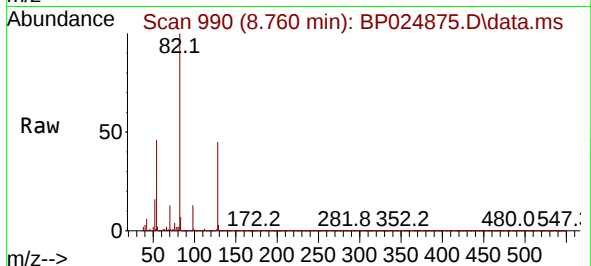




#23
Nitrobenzene-d5
Concen: 89.138 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

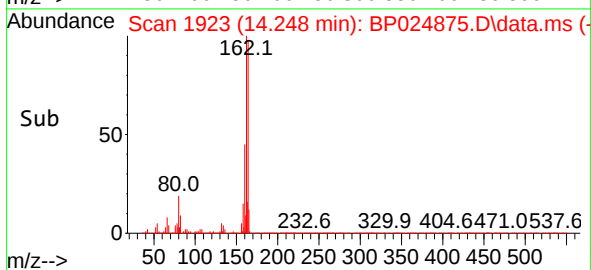
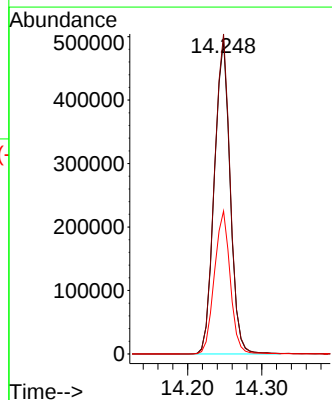
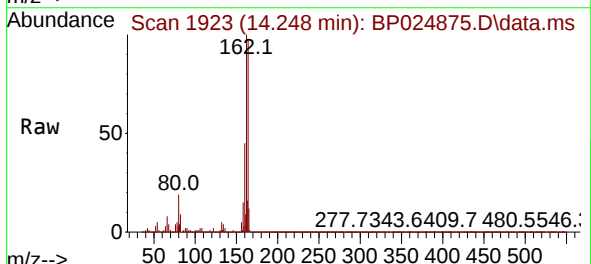
Instrument :
BNA_P
ClientSampleId :
P01W

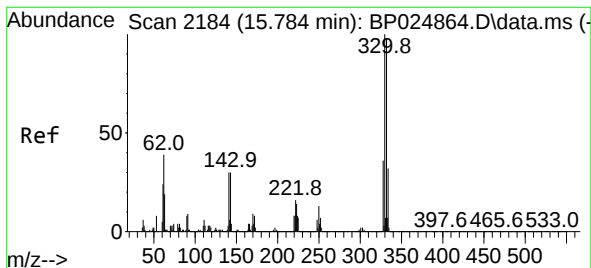
Tgt Ion: 82 Resp: 2205524
Ion Ratio Lower Upper
82 100
128 44.9 35.3 52.9
54 46.4 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

Tgt Ion:164 Resp: 730596
Ion Ratio Lower Upper
164 100
162 102.0 81.6 122.4
160 45.5 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 159.723 ng

RT: 15.766 min Scan# 2184

Delta R.T. -0.018 min

Lab File: BP024875.D

Acq: 09 Jun 2025 13:31

Instrument :

BNA_P

ClientSampleId :

P01W

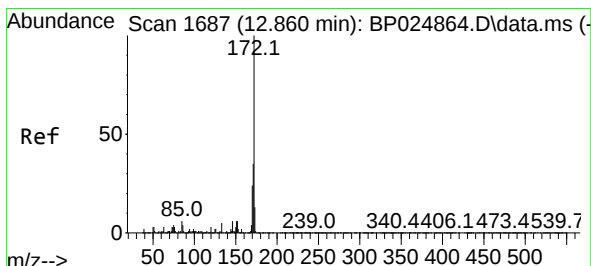
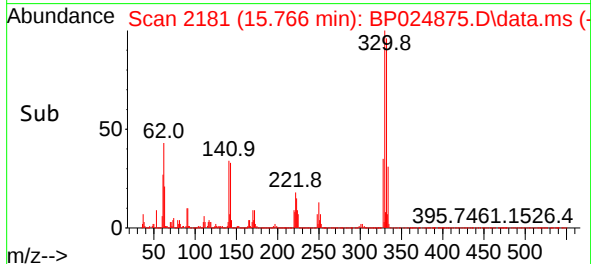
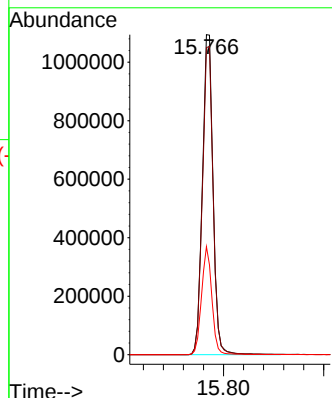
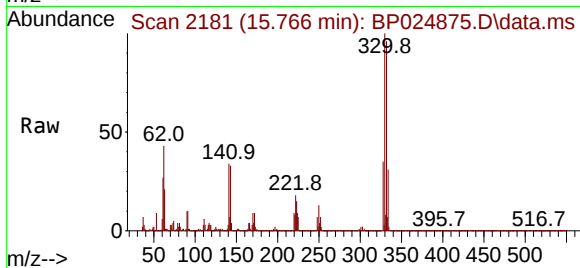
Tgt Ion:330 Resp: 1613344

Ion Ratio Lower Upper

330 100

332 96.3 77.7 116.5

141 32.5 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 83.623 ng

RT: 12.854 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BP024875.D

Acq: 09 Jun 2025 13:31

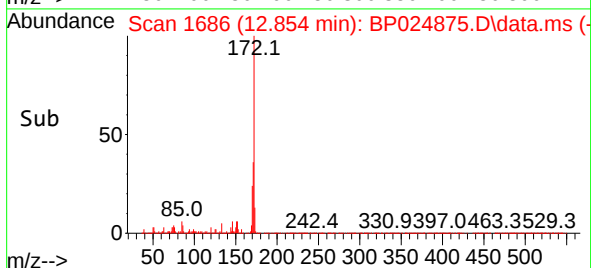
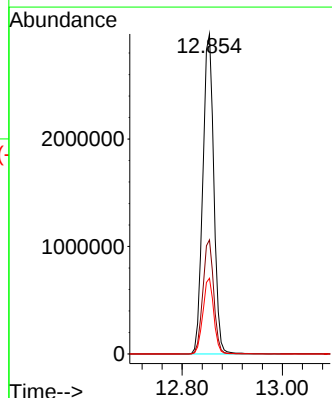
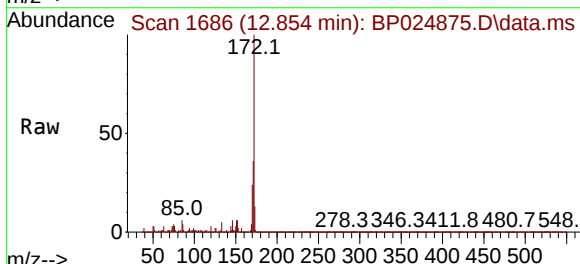
Tgt Ion:172 Resp: 4535208

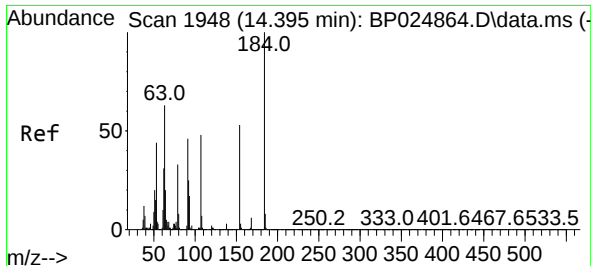
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.6 19.0 28.4

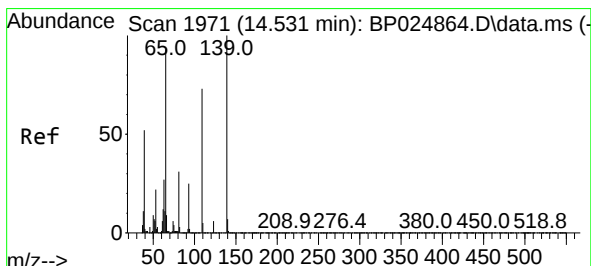
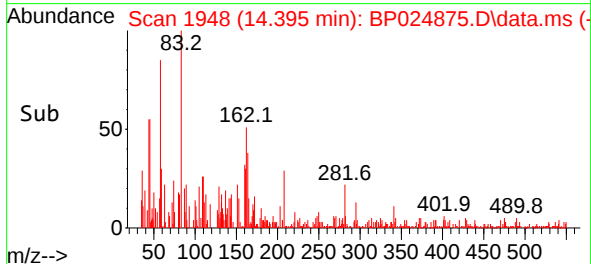
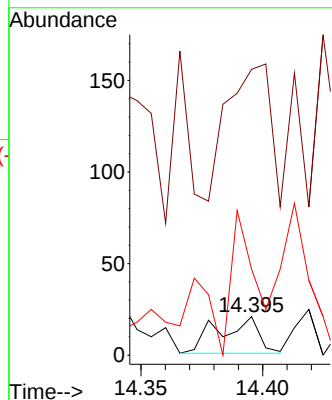
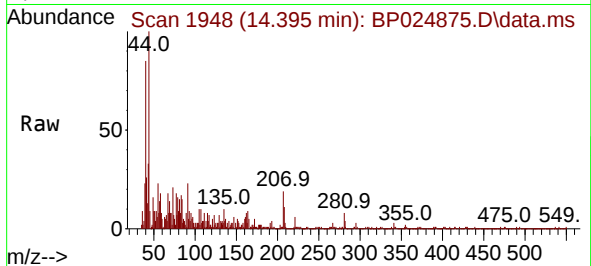




#54
2,4-Dinitrophenol
Concen: 5.566 ng
RT: 14.395 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

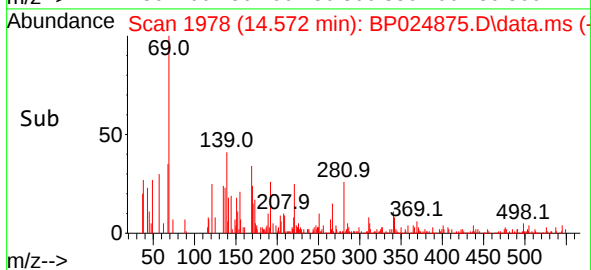
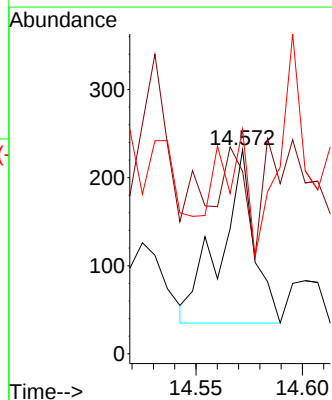
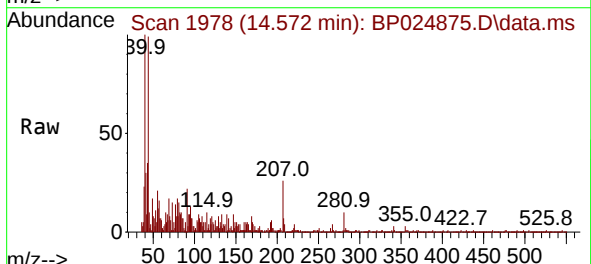
Instrument :
BNA_P
ClientSampleId :
P01W

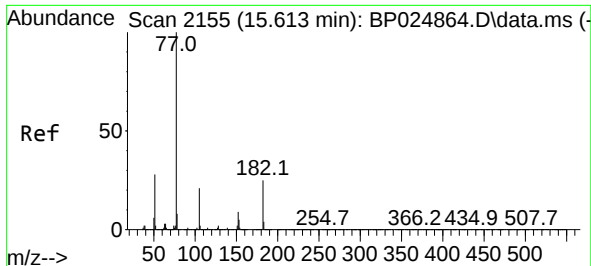
Tgt Ion:184 Resp: 23
Ion Ratio Lower Upper
184 100
63 742.9 51.0 76.4#
154 223.8 51.7 77.5#



#56
4-Nitrophenol
Concen: 5.429 ng
RT: 14.572 min Scan# 1978
Delta R.T. 0.041 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

Tgt Ion:139 Resp: 213
Ion Ratio Lower Upper
139 100
109 89.2 53.1 93.1
65 109.9 73.0 113.0

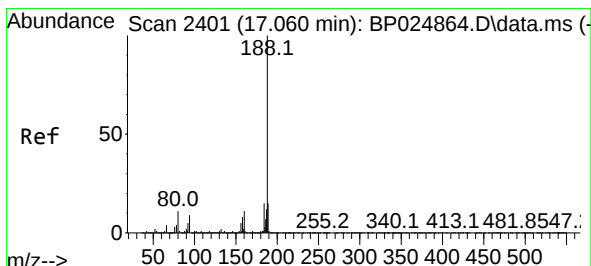
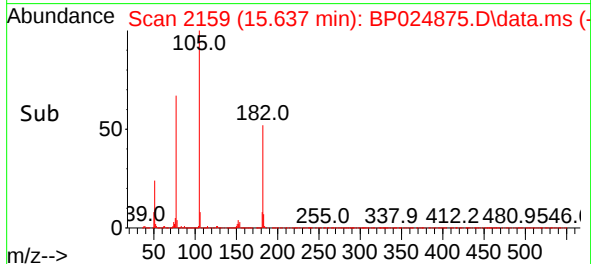
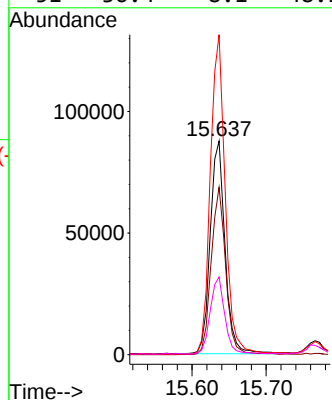
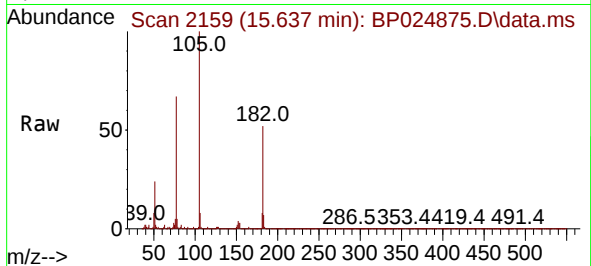




#63
Azobenzene
Concen: 2.471 ng
RT: 15.637 min Scan# 2155
Delta R.T. 0.023 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

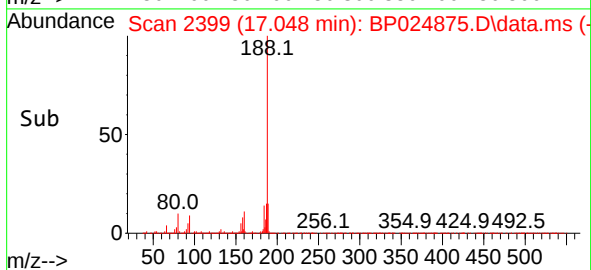
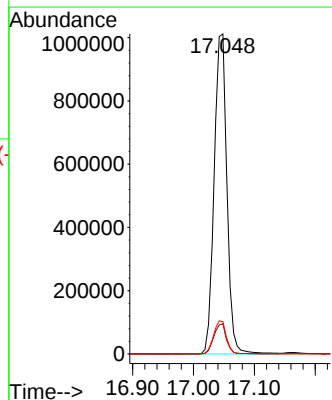
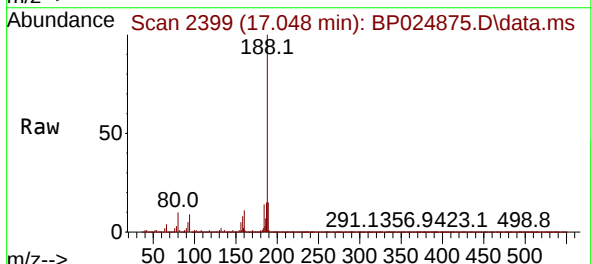
Instrument :
BNA_P
ClientSampleId :
P01W

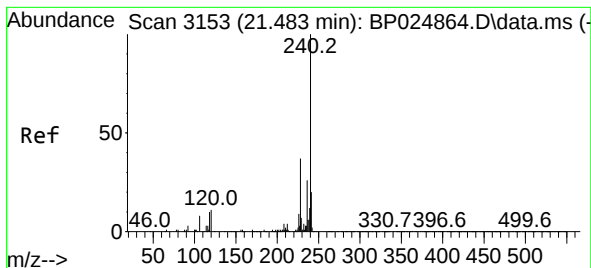
Tgt Ion: 77 Resp: 121728
Ion Ratio Lower Upper
77 100
182 78.4 5.4 45.4#
105 149.8 0.8 40.8#
51 36.4 8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.048 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

Tgt Ion: 188 Resp: 1469775
Ion Ratio Lower Upper
188 100
94 9.5 7.3 10.9
80 10.1 8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.466 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP024875.D

Acq: 09 Jun 2025 13:31

Instrument :

BNA_P

ClientSampleId :

P01W

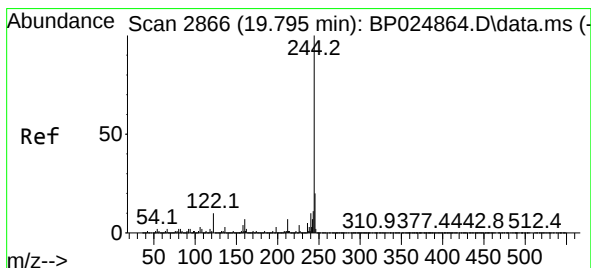
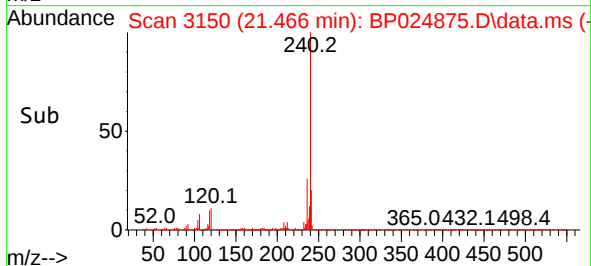
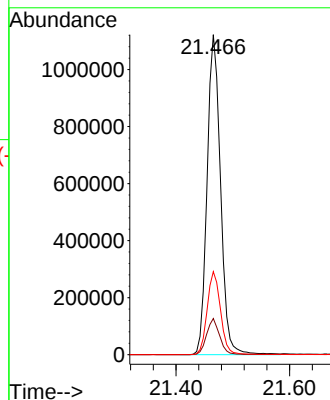
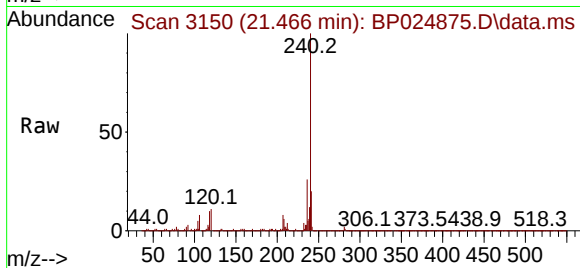
Tgt Ion:240 Resp: 1832304

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

236 25.9 20.9 31.3



#79

Terphenyl-d14

Concen: 79.503 ng

RT: 19.772 min Scan# 2862

Delta R.T. -0.024 min

Lab File: BP024875.D

Acq: 09 Jun 2025 13:31

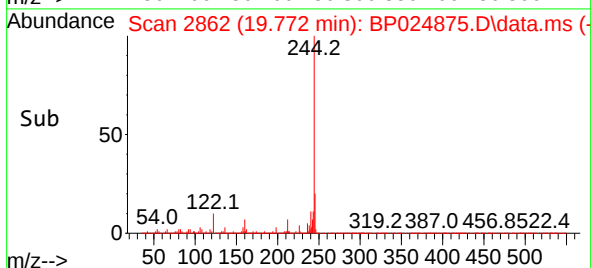
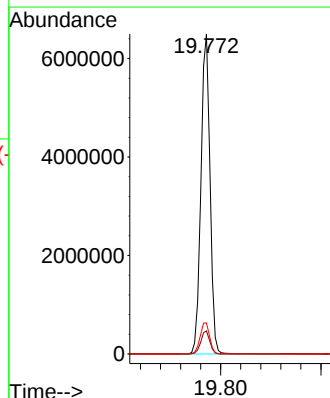
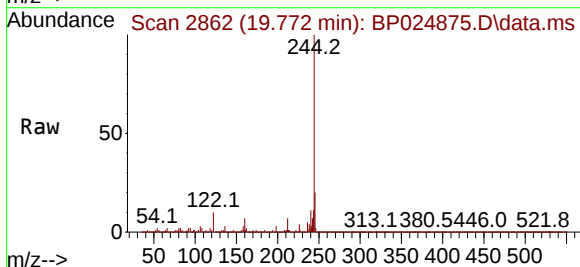
Tgt Ion:244 Resp: 8128028

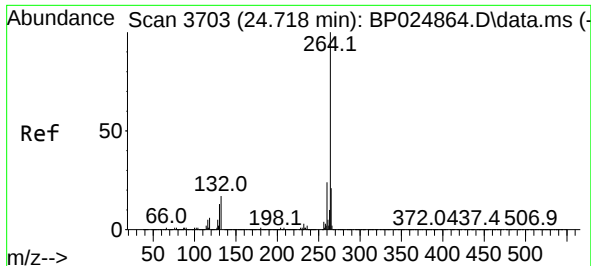
Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

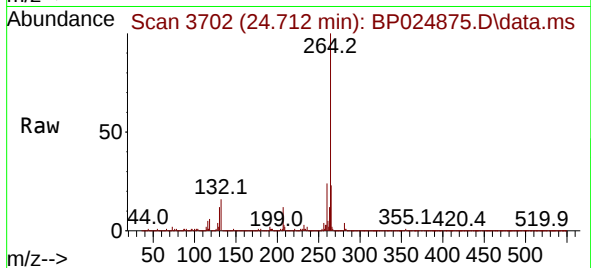
122 9.7 7.7 11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.712 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

Instrument :
BNA_P
ClientSampleId :
P01W



Tgt Ion:264 Resp: 2370307
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.4
265 22.6 17.4 26.0

