

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
 Data File : BP024883.D
 Acq On : 09 Jun 2025 18:57
 Operator : RC/JU
 Sample : Q2237-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-WTS-10

Quant Time: Jun 10 01:31:09 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)

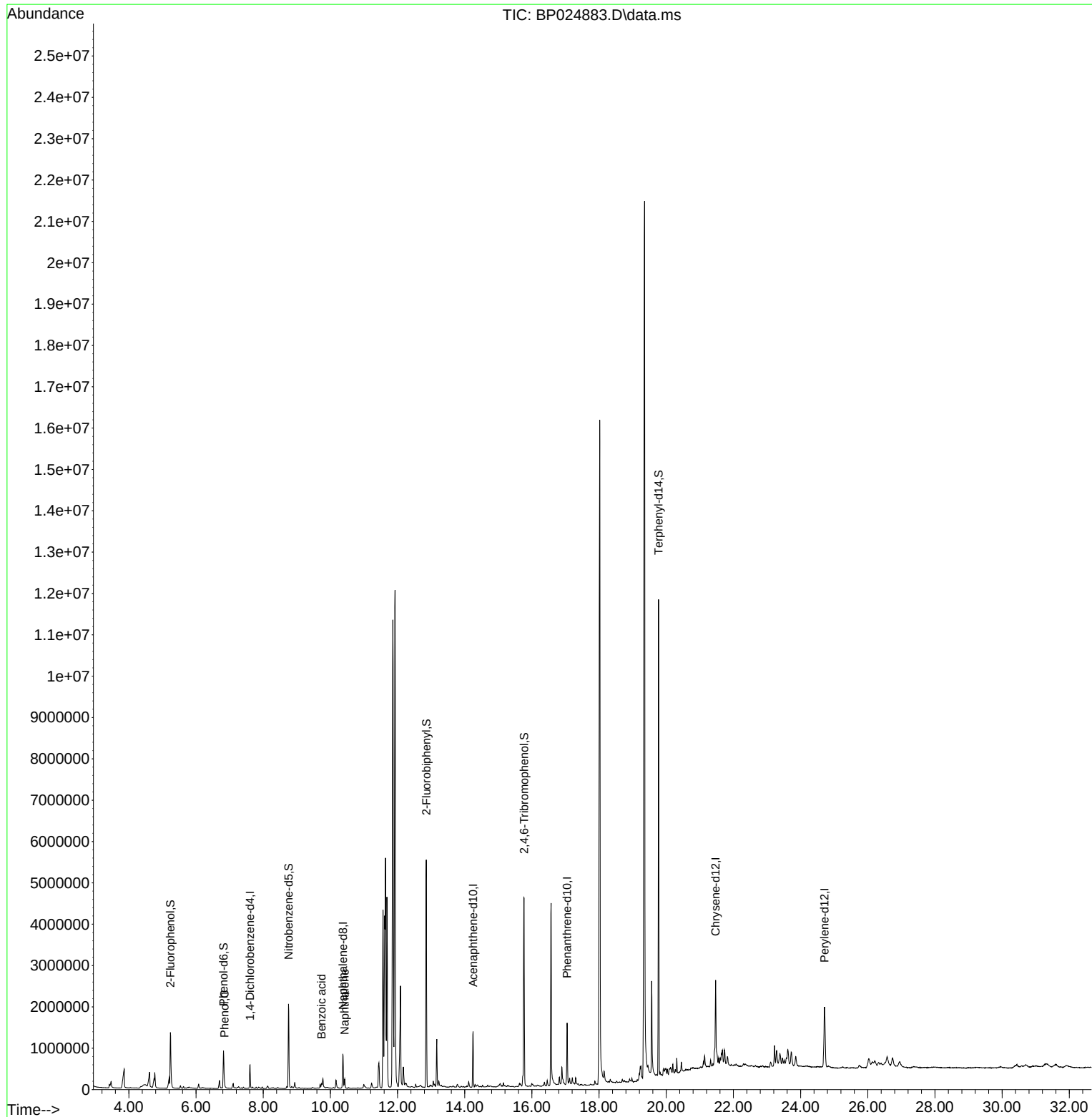
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	156762	20.000	ng	0.00
21) Naphthalene-d8	10.372	136	688627	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	445998	20.000	ng	0.00
64) Phenanthrene-d10	17.048	188	891504	20.000	ng	-0.01
76) Chrysene-d12	21.472	240	1130178	20.000	ng	-0.01
86) Perylene-d12	24.713	264	1483041	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	720881	76.759	ng	0.00
7) Phenol-d6	6.819	99	629301	50.645	ng	0.00
23) Nitrobenzene-d5	8.755	82	1185782	83.675	ng	0.00
42) 2,4,6-Tribromophenol	15.766	330	968838	157.122	ng	-0.02
45) 2-Fluorobiphenyl	12.854	172	2752997	83.153	ng	0.00
79) Terphenyl-d14	19.772	244	5046273	80.024	ng	-0.02
Target Compounds						
						Qvalue
10) Phenol	6.849	94	28233	2.204	ng	84
31) Naphthalene	10.425	128	173177	4.907	ng	100
32) Benzoic acid	9.737	122	51674	7.193	ng	98

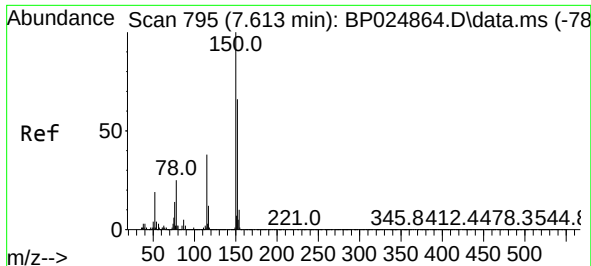
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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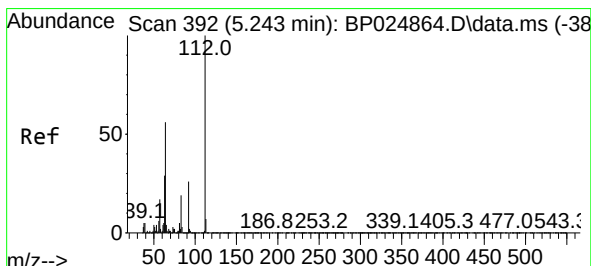
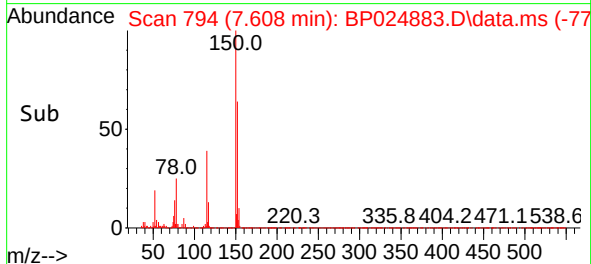
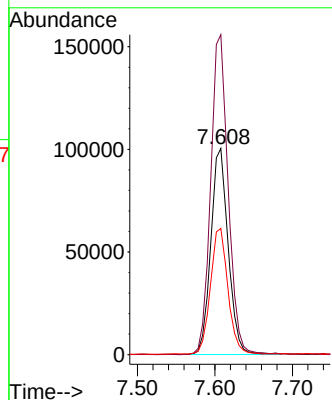
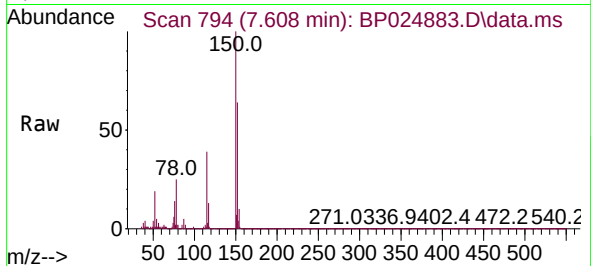




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 794
Delta R.T. -0.005 min
Lab File: BP024883.D
Acq: 09 Jun 2025 18:57

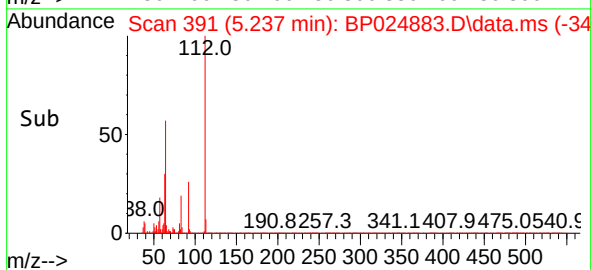
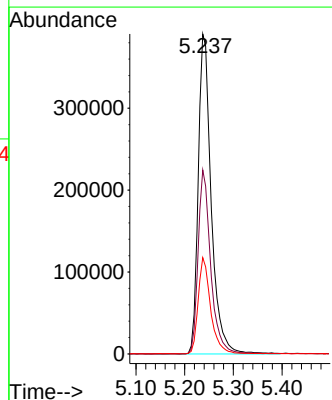
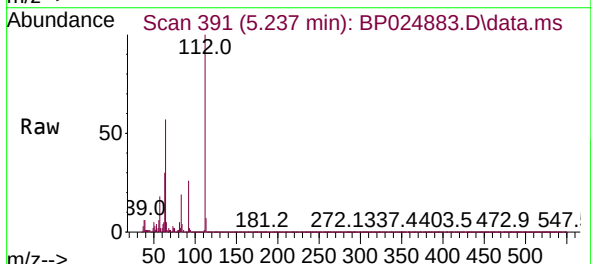
Instrument :
BNA_P
ClientSampleId :
TW-WTS-10

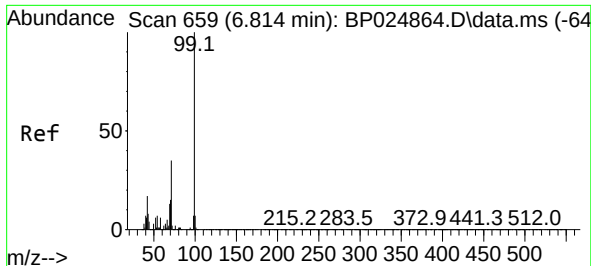
Tgt Ion:152 Resp: 156762
Ion Ratio Lower Upper
152 100
150 155.2 122.1 183.1
115 61.2 46.4 69.6



#5
2-Fluorophenol
Concen: 76.759 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024883.D
Acq: 09 Jun 2025 18:57

Tgt Ion:112 Resp: 720881
Ion Ratio Lower Upper
112 100
64 57.5 44.7 67.1
63 30.1 23.5 35.3

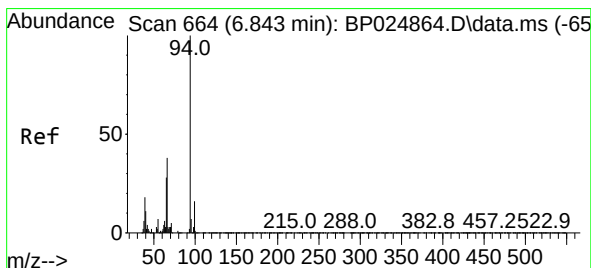
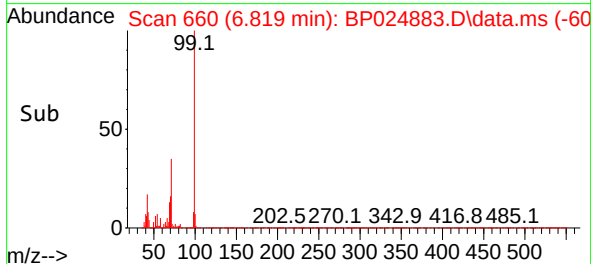
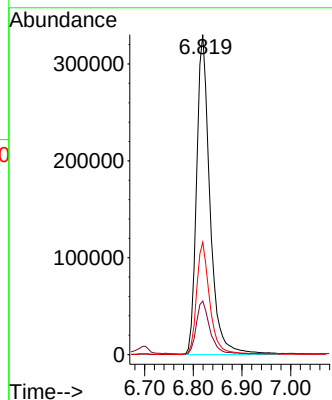
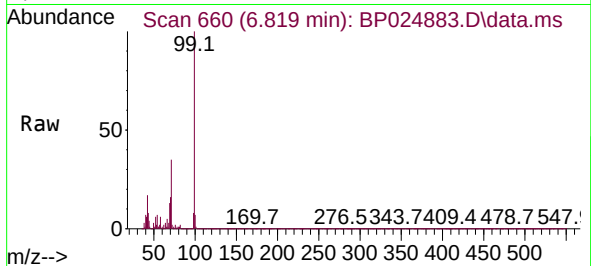




#7
Phenol-d6
Concen: 50.645 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024883.D
Acq: 09 Jun 2025 18:57

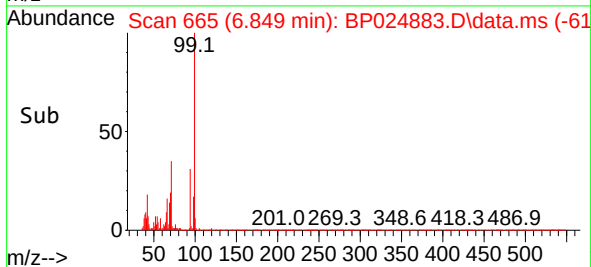
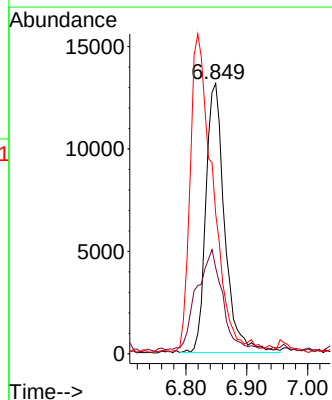
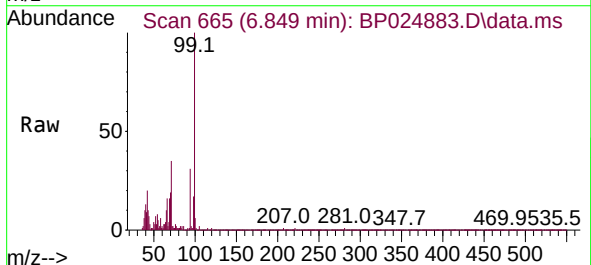
Instrument :
BNA_P
ClientSampleId :
TW-WTS-10

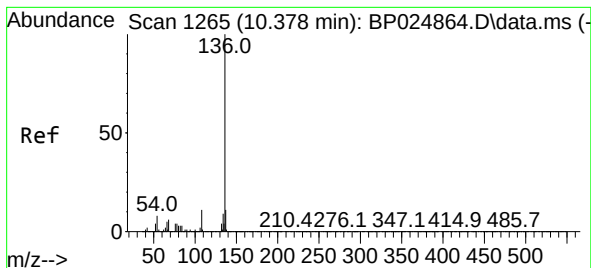
Tgt Ion: 99 Resp: 629301
Ion Ratio Lower Upper
99 100
42 16.7 13.4 20.2
71 35.1 27.6 41.4



#10
Phenol
Concen: 2.204 ng
RT: 6.849 min Scan# 665
Delta R.T. 0.006 min
Lab File: BP024883.D
Acq: 09 Jun 2025 18:57

Tgt Ion: 94 Resp: 28233
Ion Ratio Lower Upper
94 100
65 31.8 8.3 48.3
66 51.7 18.2 58.2

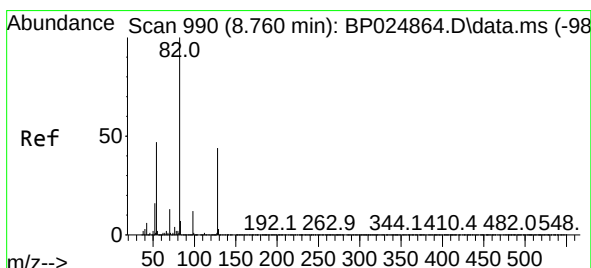
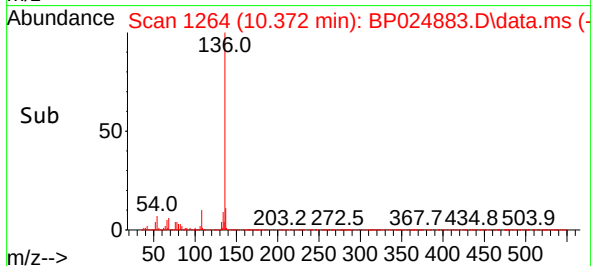
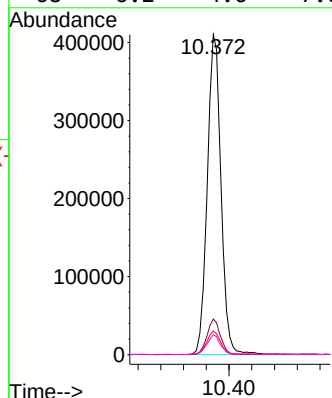
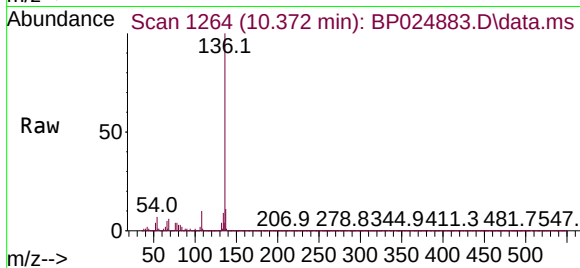




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.372 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024883.D
Acq: 09 Jun 2025 18:57

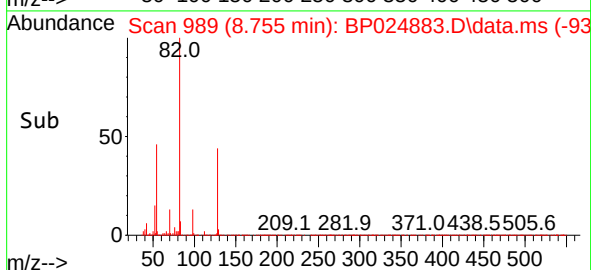
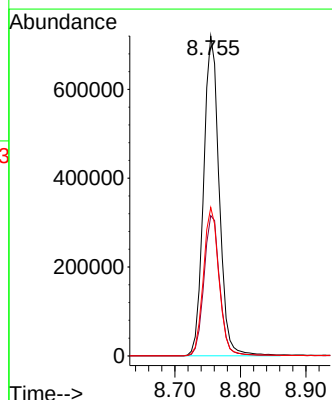
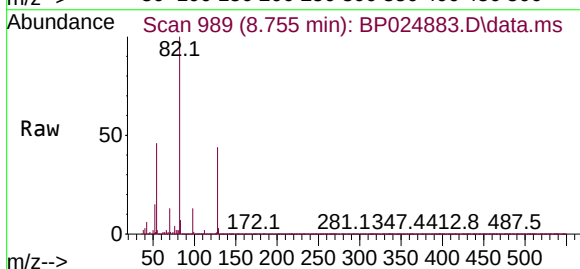
Instrument :
BNA_P
ClientSampleId :
TW-WTS-10

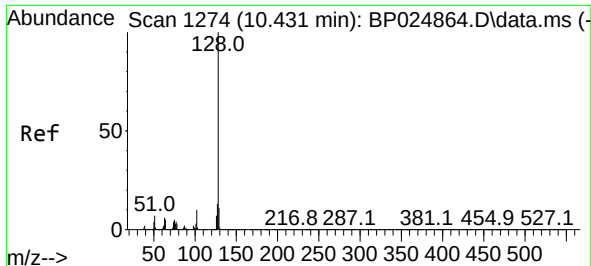
Tgt Ion:	136	Resp:	688627
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	7.3	6.1	9.1
68	6.2	4.6	7.0



#23
Nitrobenzene-d5
Concen: 83.675 ng
RT: 8.755 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP024883.D
Acq: 09 Jun 2025 18:57

Tgt Ion:	82	Resp:	1185782
Ion Ratio	Lower	Upper	
82	100		
128	43.9	35.3	52.9
54	46.4	37.4	56.0

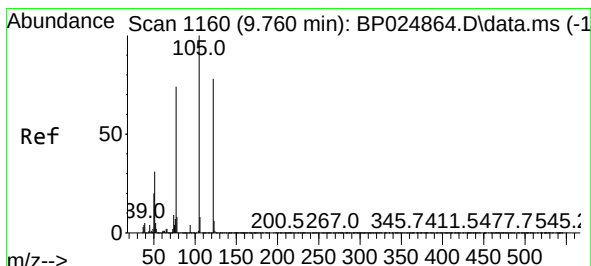
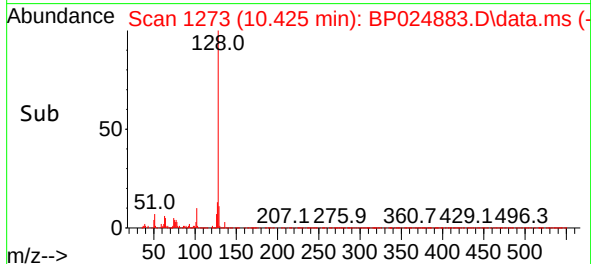
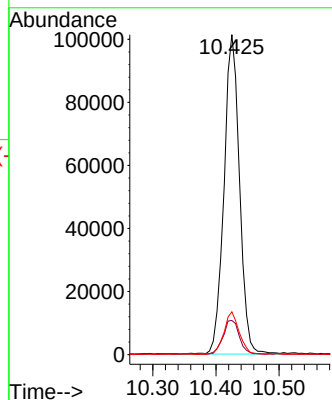
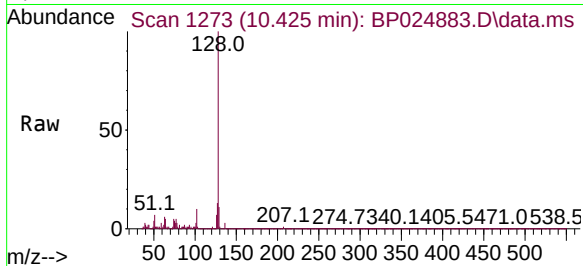




#31
Naphthalene
Concen: 4.907 ng
RT: 10.425 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BP024883.D
Acq: 09 Jun 2025 18:57

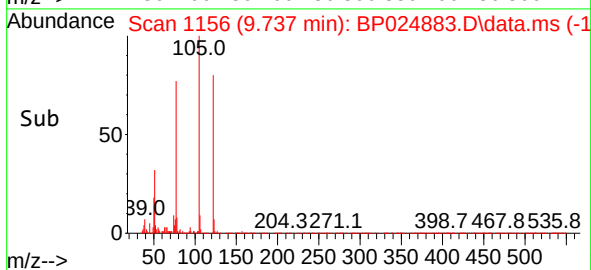
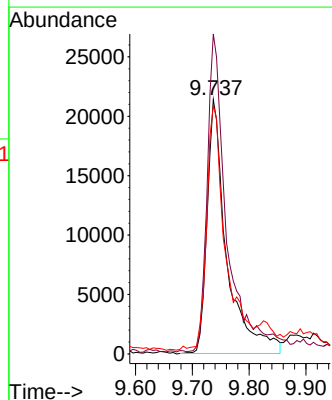
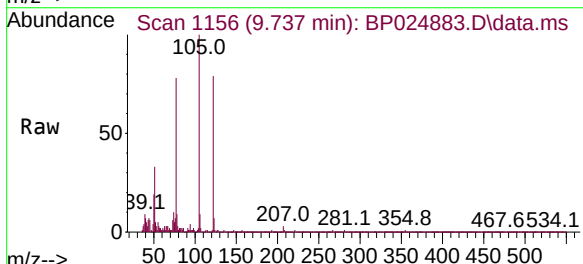
Instrument :
BNA_P
ClientSampleId :
TW-WTS-10

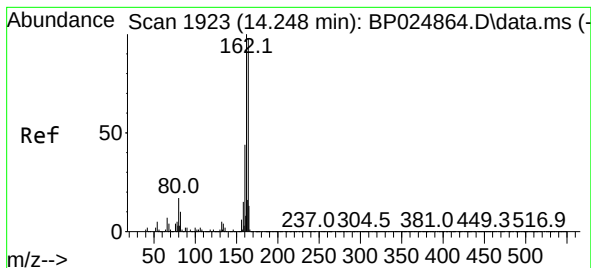
Tgt Ion:128 Resp: 173177
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 7.193 ng
RT: 9.737 min Scan# 1156
Delta R.T. -0.024 min
Lab File: BP024883.D
Acq: 09 Jun 2025 18:57

Tgt Ion:122 Resp: 51674
Ion Ratio Lower Upper
122 100
105 125.8 107.1 147.1
77 97.7 75.1 115.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.248 min Scan# 19

Delta R.T. 0.000 min

Lab File: BP024883.D

Acq: 09 Jun 2025 18:57

Instrument :

BNA_P

ClientSampleId :

TW-WTS-10

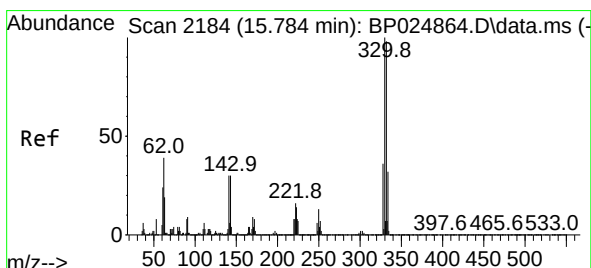
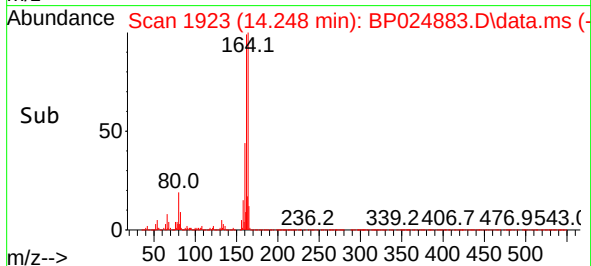
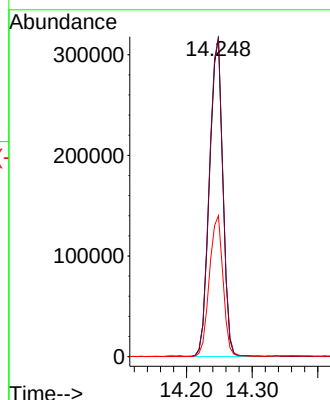
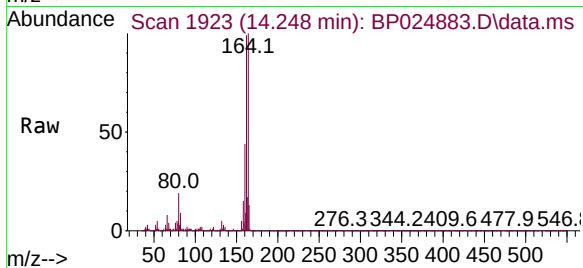
Tgt Ion:164 Resp: 445998

Ion Ratio Lower Upper

164 100

162 99.3 81.6 122.4

160 44.0 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 157.122 ng

RT: 15.766 min Scan# 2181

Delta R.T. -0.018 min

Lab File: BP024883.D

Acq: 09 Jun 2025 18:57

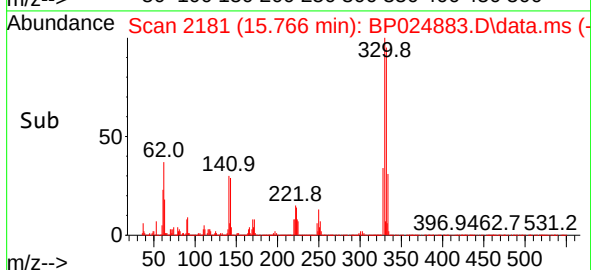
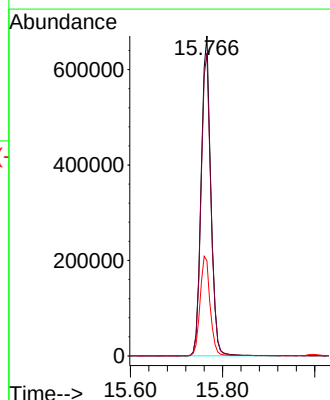
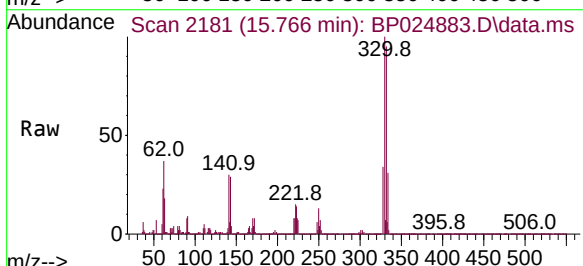
Tgt Ion:330 Resp: 968838

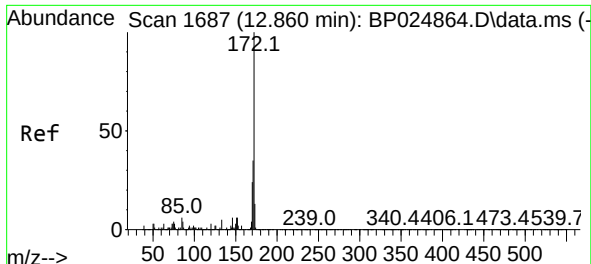
Ion Ratio Lower Upper

330 100

332 96.0 77.7 116.5

141 32.3 26.4 39.6

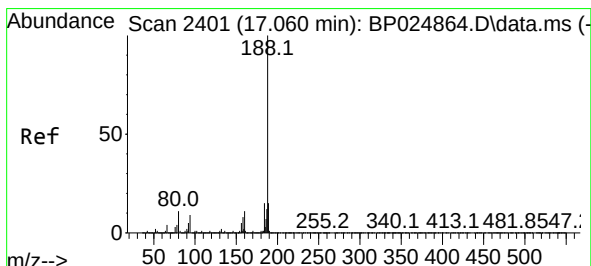
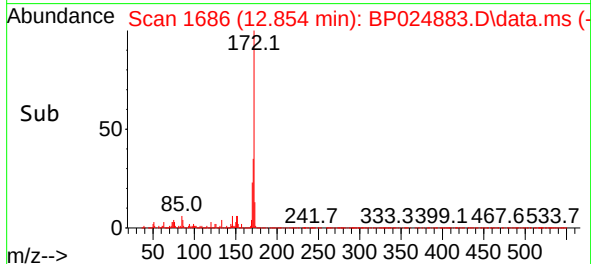
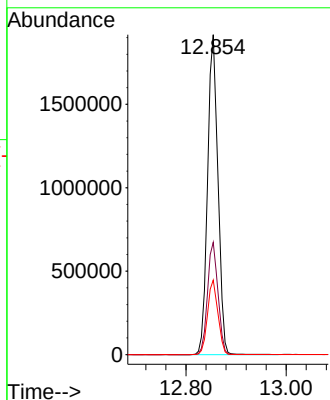
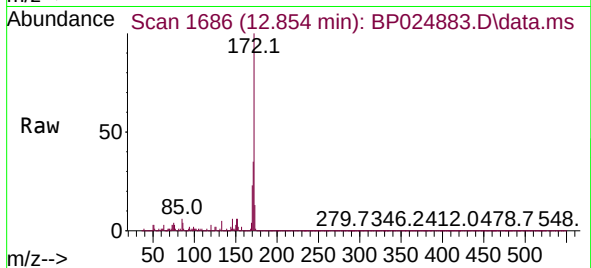




#45
2-Fluorobiphenyl
Concen: 83.153 ng
RT: 12.854 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP024883.D
Acq: 09 Jun 2025 18:57

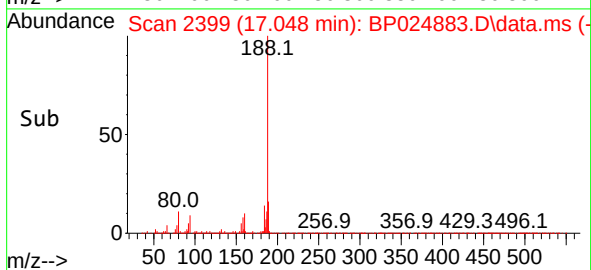
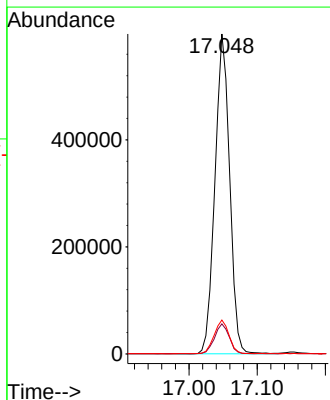
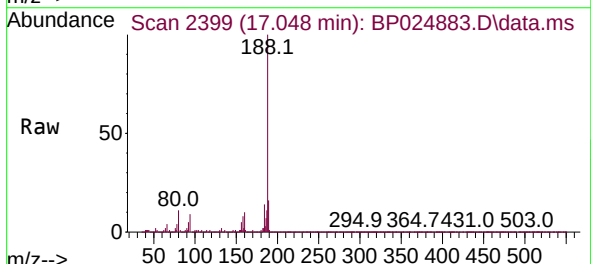
Instrument :
BNA_P
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TW-WTS-10

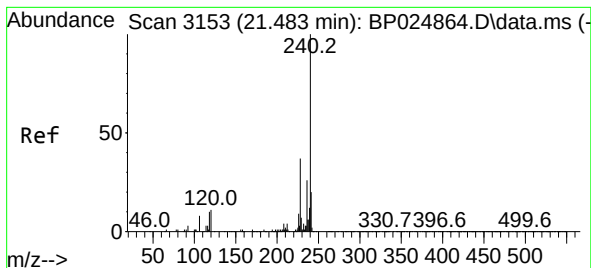
Tgt Ion:172 Resp: 2752997
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.3 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.048 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BP024883.D
Acq: 09 Jun 2025 18:57

Tgt Ion:188 Resp: 891504
Ion Ratio Lower Upper
188 100
94 9.4 7.3 10.9
80 10.6 8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.472 min Scan# 3153

Delta R.T. -0.012 min

Lab File: BP024883.D

Acq: 09 Jun 2025 18:57

Instrument :

BNA_P

ClientSampleId :

TW-WTS-10

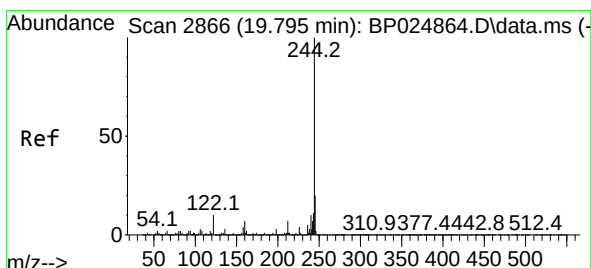
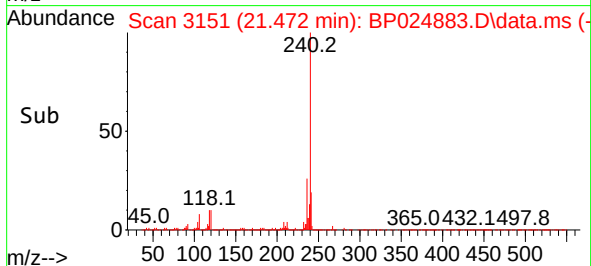
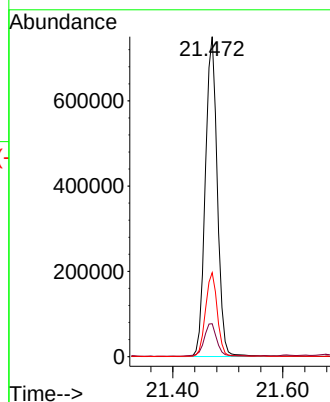
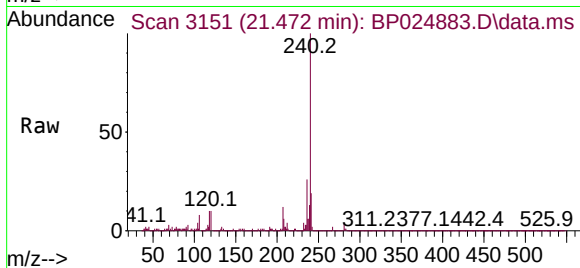
Tgt Ion:240 Resp: 1130178

Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

236 26.2 20.9 31.3



#79

Terphenyl-d14

Concen: 80.024 ng

RT: 19.772 min Scan# 2862

Delta R.T. -0.024 min

Lab File: BP024883.D

Acq: 09 Jun 2025 18:57

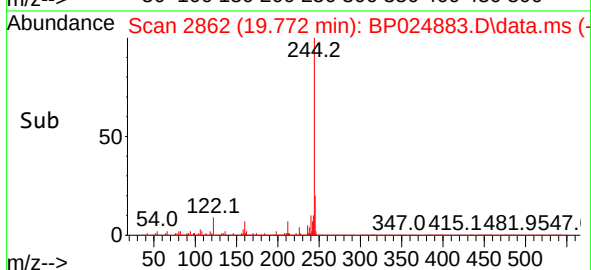
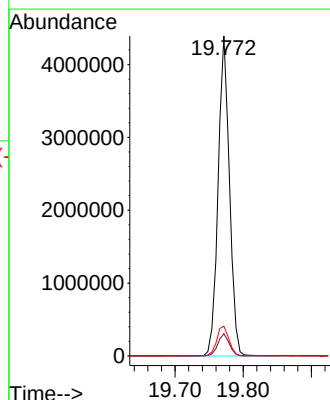
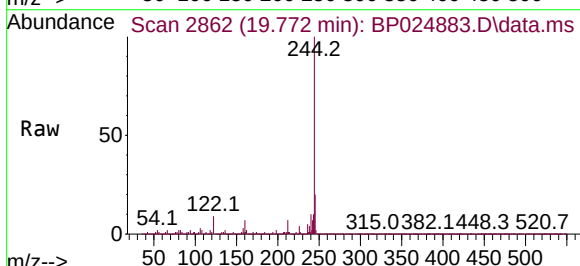
Tgt Ion:244 Resp: 5046273

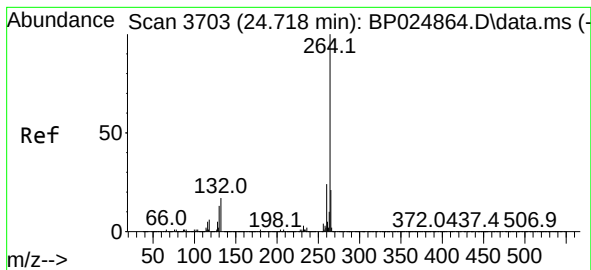
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

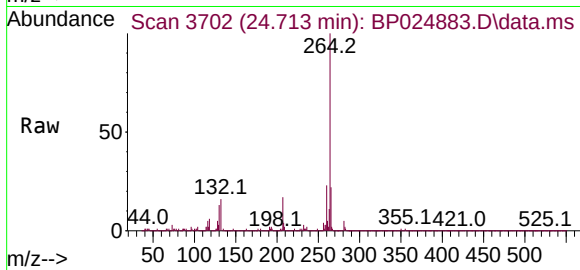
122 9.3 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.713 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP024883.D
 Acq: 09 Jun 2025 18:57

Instrument :
 BNA_P
 ClientSampleId :
 TW-WTS-10



Tgt Ion:264 Resp: 1483041
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 21.7 17.4 26.0

