

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)

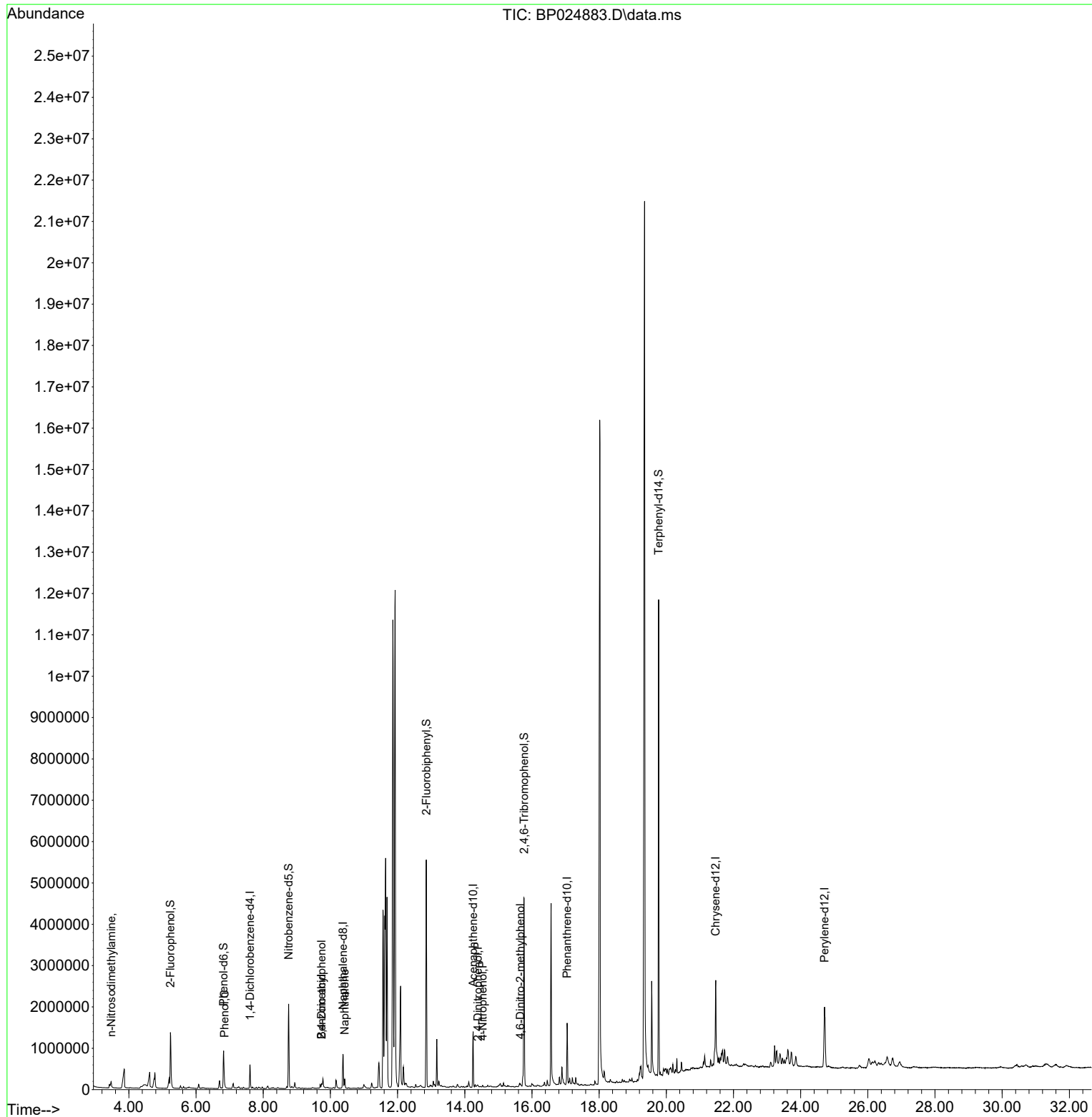
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	156762	20.000	ng	0.00
21) Naphthalene-d8	10.372	136	688627	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	445998	20.000	ng	0.00
64) Phenanthrene-d10	17.048	188	891504	20.000	ng	-0.01
76) Chrysene-d12	21.472	240	1130178	20.000	ng	-0.01
86) Perylene-d12	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	
4) n-Nitrosodimethylamine	3.473	42	12823	3.156	ng	# 1
10) Phenol	6.849	94	28233	2.204	ng	84
27) 2,4-Dimethylphenol	9.737	122	51674	4.861	ng	# 4
31) Naphthalene	10.425	128	173177	4.907	ng	100
32) Benzoic acid	9.737	122	51674	7.193	ng	98
54) 2,4-Dinitrophenol	14.390	184	105	5.585	ng	# 1
56) 4-Nitrophenol	14.531	139	1237	5.594	ng	89
65) 4,6-Dinitro-2-methylph...	15.654	198	13494	2.304	ng	# 63

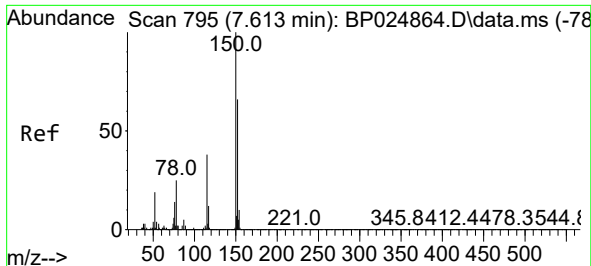
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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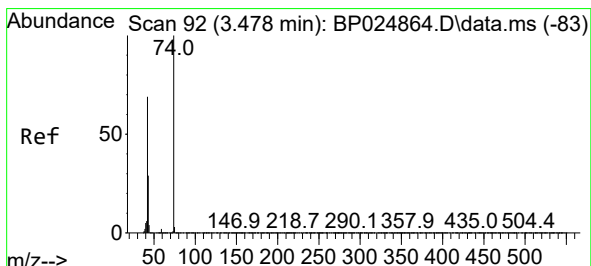
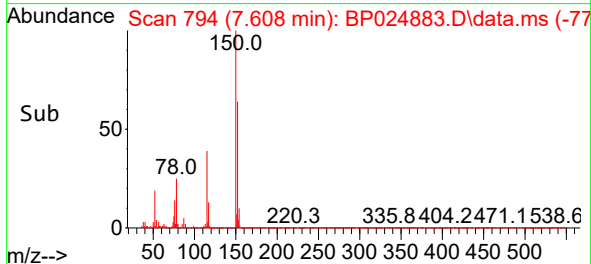
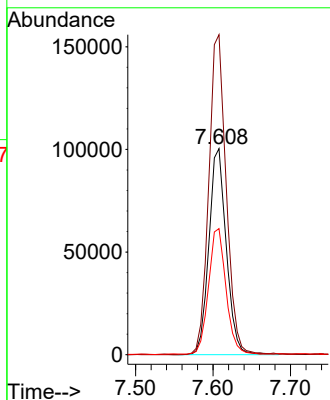
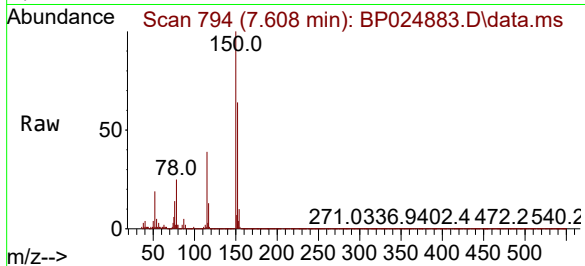




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 79
Delta R.T. -0.005 min
Lab File: BP024883.D
Acq: 09 Jun 2025 18:57

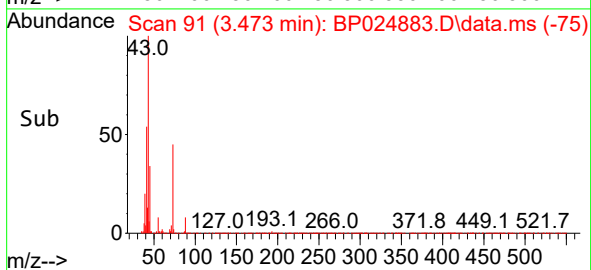
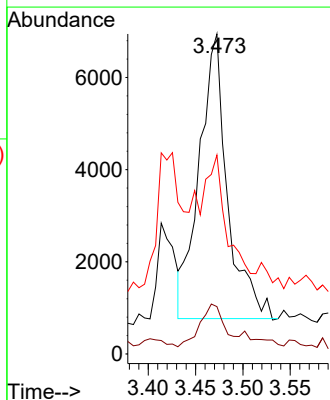
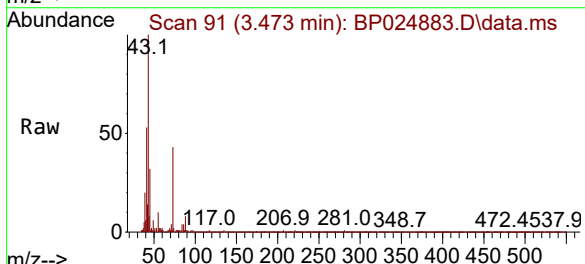
Instrument :
BNA_P
ClientSampleId :
TW-WTS-10

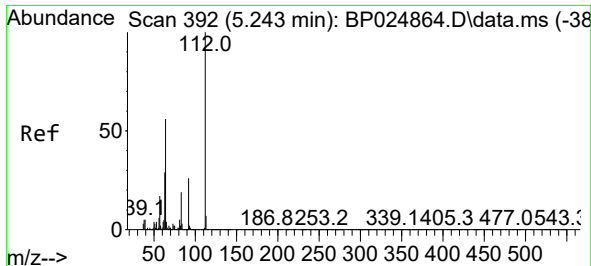
Tgt Ion:152 Resp: 156762
Ion Ratio Lower Upper
152 100
150 155.2 122.1 183.1
115 61.2 46.4 69.6



#4
n-Nitrosodimethylamine
Concen: 3.156 ng
RT: 3.473 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024883.D
Acq: 09 Jun 2025 18:57

Tgt Ion: 42 Resp: 12823
Ion Ratio Lower Upper
42 100
74 14.8 116.6 174.8#
44 62.2 5.4 8.0#

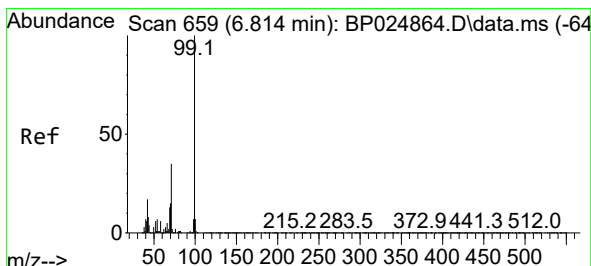
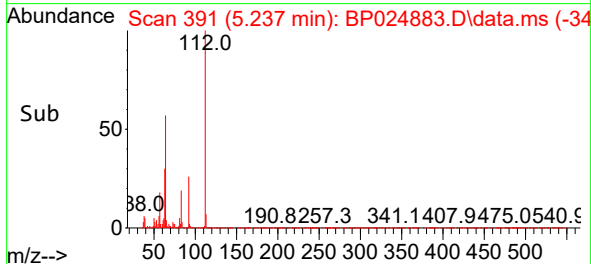
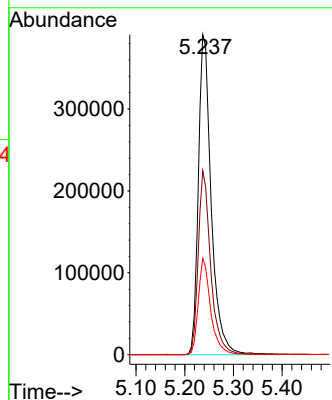
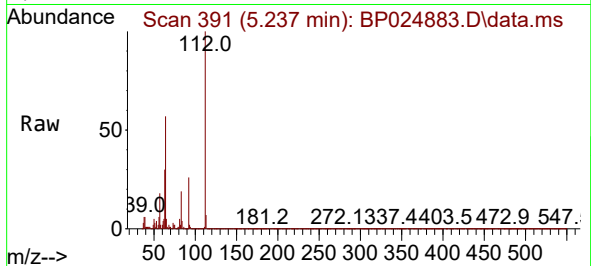




#5
2-Fluorophenol
Concen: 76.759 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024883.D
Acq: 09 Jun 2025 18:57

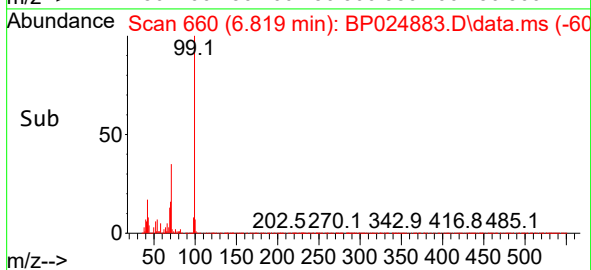
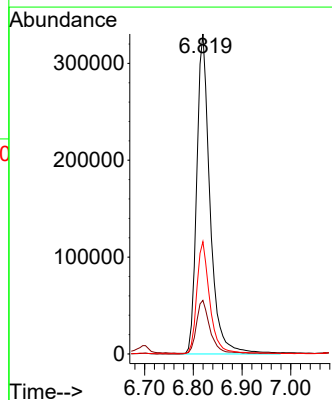
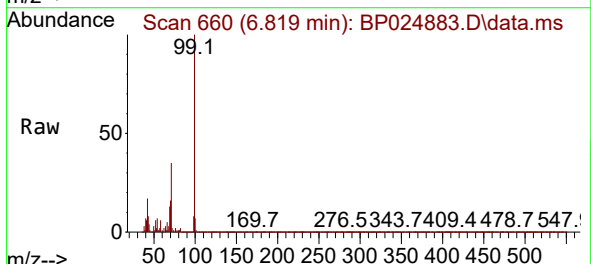
Instrument :
BNA_P
ClientSampleId :
TW-WTS-10

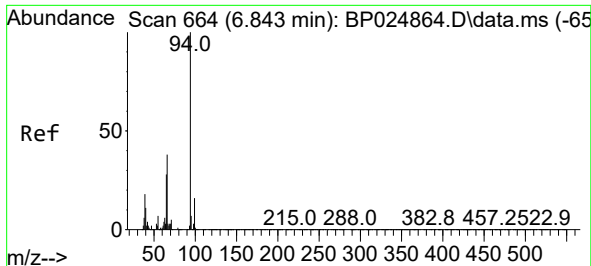
Tgt Ion:112 Resp: 720881
Ion Ratio Lower Upper
112 100
64 57.5 44.7 67.1
63 30.1 23.5 35.3



#7
Phenol-d6
Concen: 50.645 ng
RT: 6.819 min Scan# 660
Delta R.T. 0.006 min
Lab File: BP024883.D
Acq: 09 Jun 2025 18:57

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

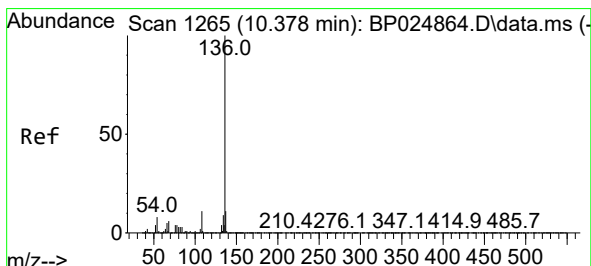
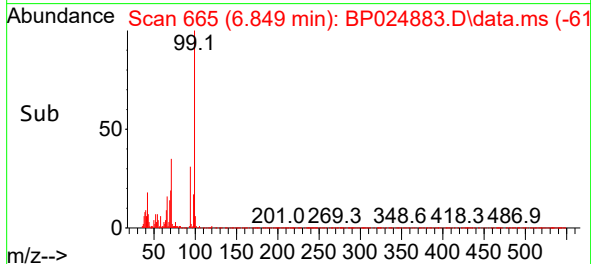
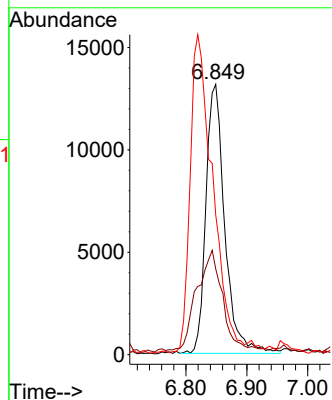
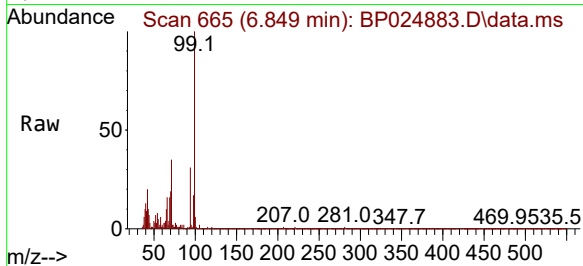




#10
Phenol
Concen: 2.204 ng
RT: 6.849 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024883.D
Acq: 09 Jun 2025 18:57

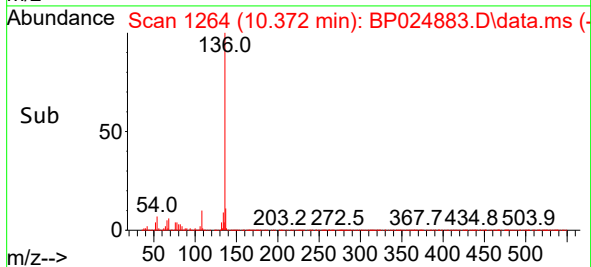
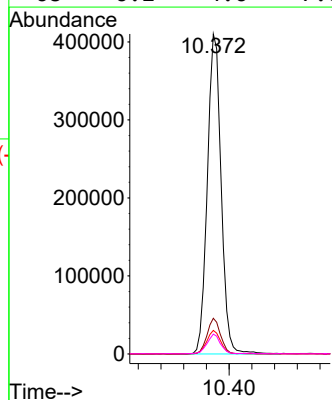
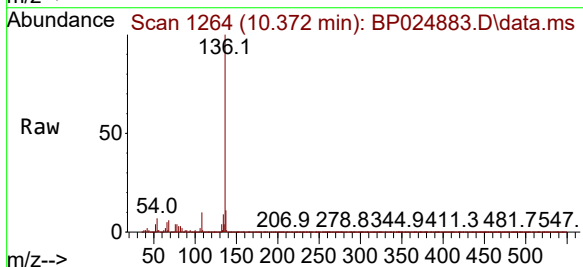
Instrument :
BNA_P
ClientSampleId :
TW-WTS-10

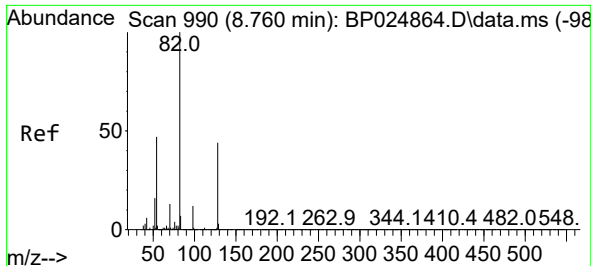
Tgt Ion: 94 Resp: 28233
Ion Ratio Lower Upper
94 100
65 31.8 8.3 48.3
66 51.7 18.2 58.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.372 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP024883.D
Acq: 09 Jun 2025 18:57

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

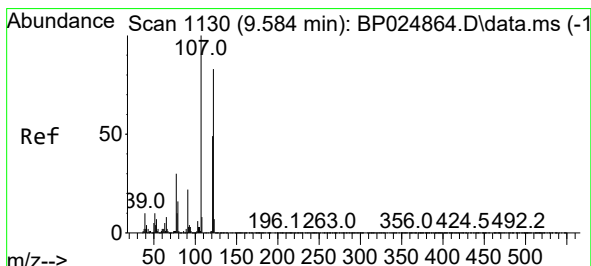
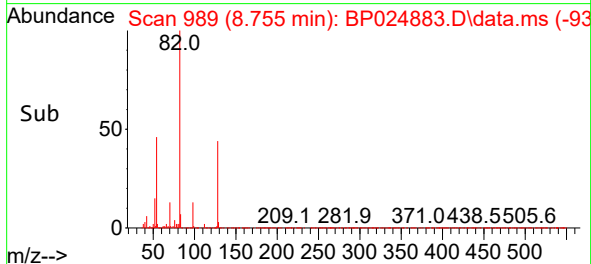
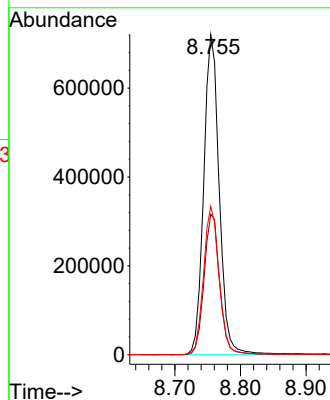
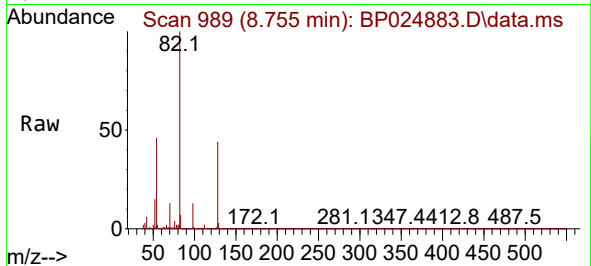




#23
Nitrobenzene-d5
Concen: 83.675 ng
RT: 8.755 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024883.D
Acq: 09 Jun 2025 18:57

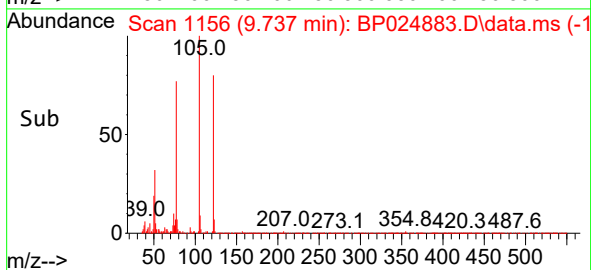
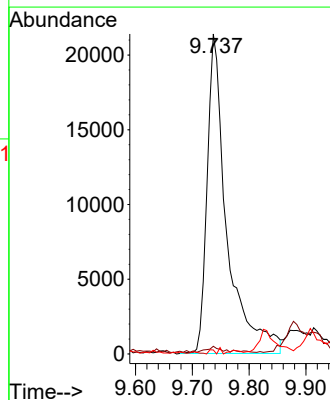
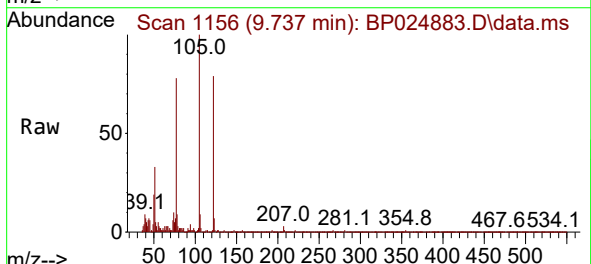
Instrument :
BNA_P
ClientSampleId :
TW-WTS-10

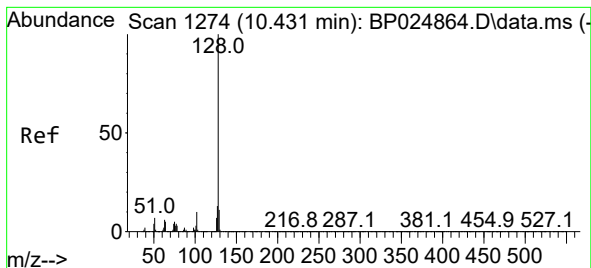
Tgt Ion: 82 Resp: 1185782
Ion Ratio Lower Upper
82 100
128 43.9 35.3 52.9
54 46.4 37.4 56.0



#27
2,4-Dimethylphenol
Concen: 4.861 ng
RT: 9.737 min Scan# 1156
Delta R.T. 0.153 min
Lab File: BP024883.D
Acq: 09 Jun 2025 18:57

Tgt Ion: 122 Resp: 51674
Ion Ratio Lower Upper
122 100
107 2.4 96.2 144.4#
121 1.3 47.0 70.4#

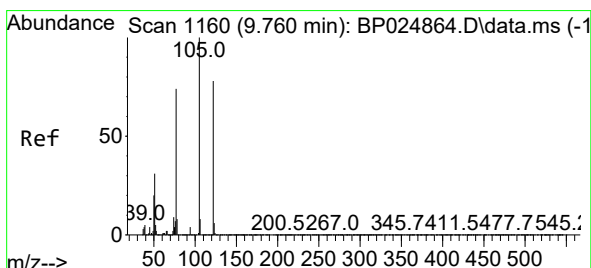
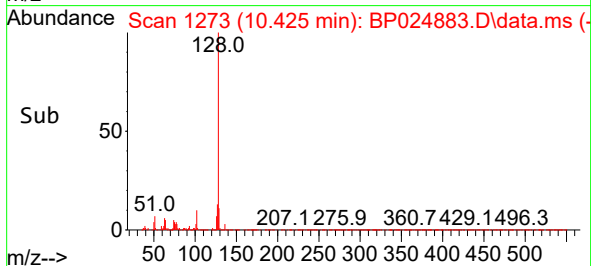
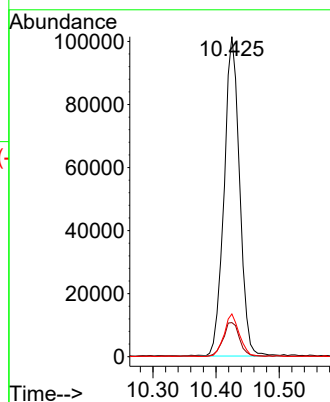
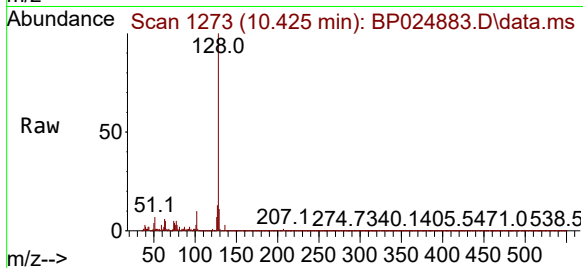




#31
Naphthalene
Concen: 4.907 ng
RT: 10.425 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BP024883.D
Acq: 09 Jun 2025 18:57

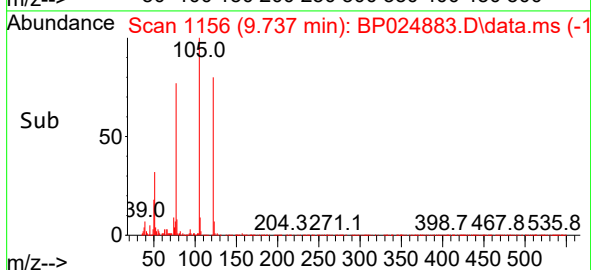
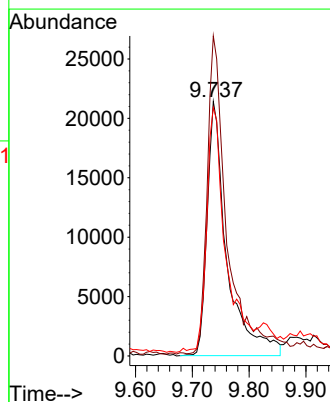
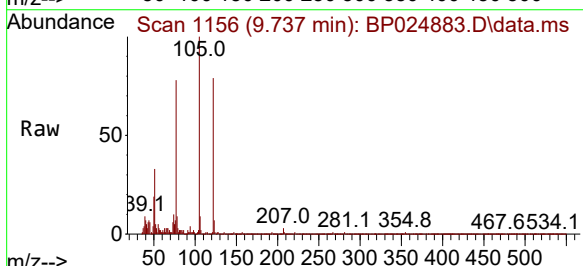
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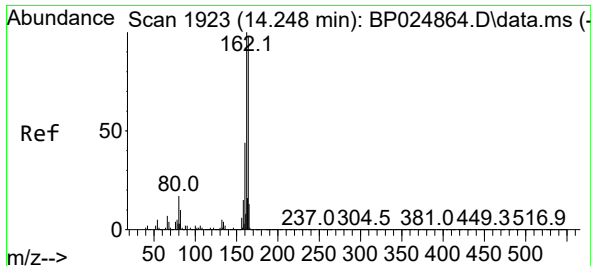
Tgt Ion:128 Resp: 173177
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.4 10.7 16.1



#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

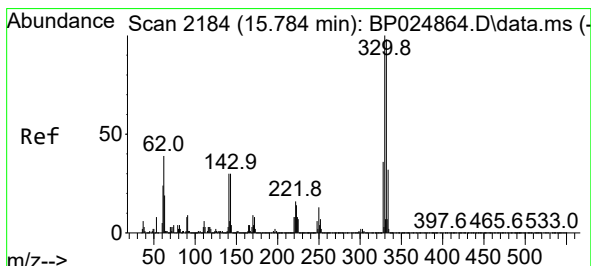
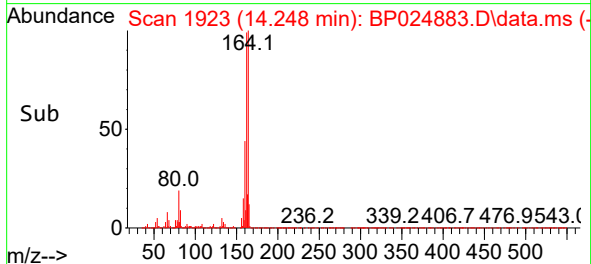
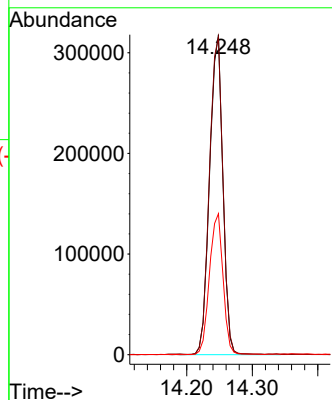
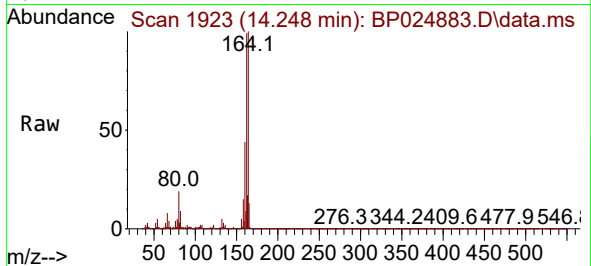




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BP024883.D
Acq: 09 Jun 2025 18:57

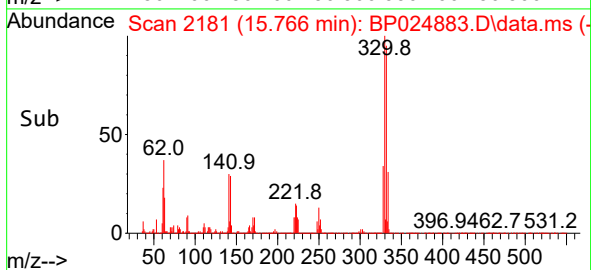
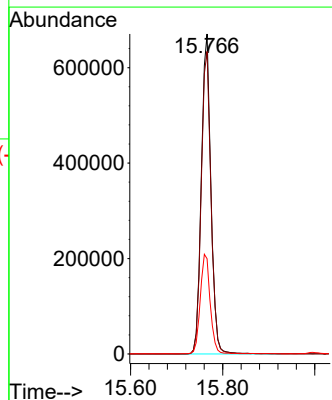
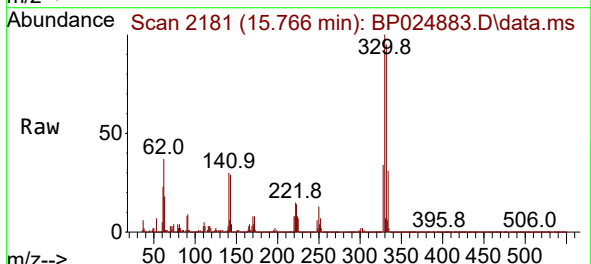
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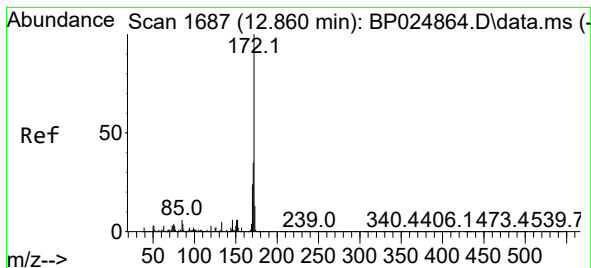
Tgt Ion:164 Resp: 445998
Ion Ratio Lower Upper
164 100
162 99.3 81.6 122.4
160 44.0 36.2 54.2



#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# 1

Delta R.T. -0.006 min

Lab File: BP024883.D

Acq: 09 Jun 2025 18:57

Instrument :

BNA_P

ClientSampleId :

TW-WTS-10

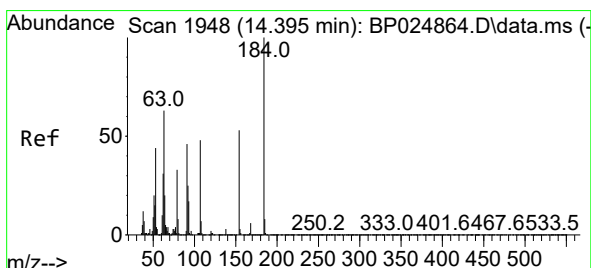
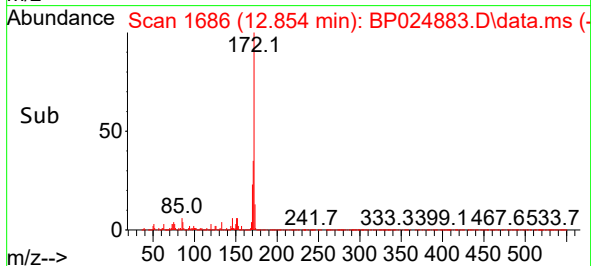
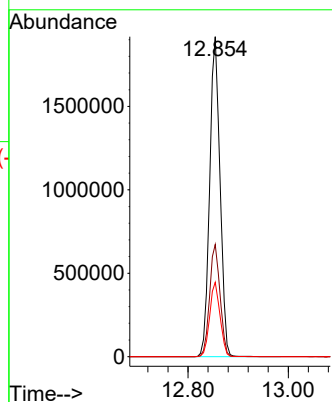
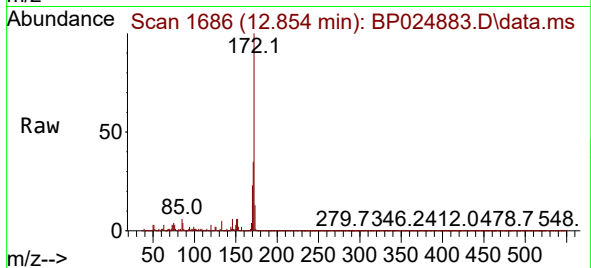
Tgt Ion:172 Resp: 2752997

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.3 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 5.585 ng

RT: 14.390 min Scan# 1947

Delta R.T. -0.005 min

Lab File: BP024883.D

Acq: 09 Jun 2025 18:57

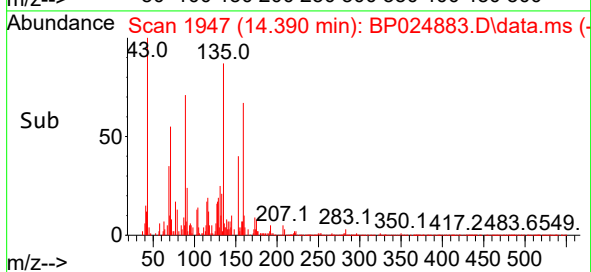
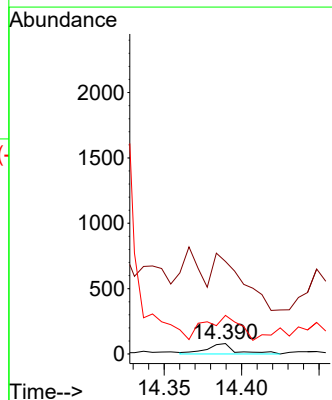
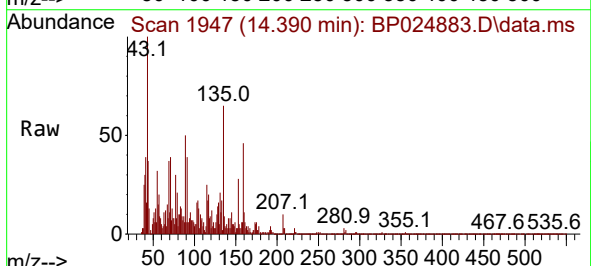
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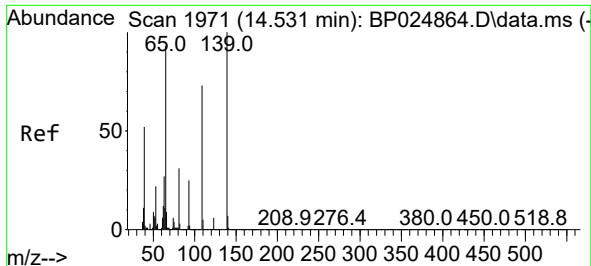
Ion Ratio Lower Upper

184 100

63 885.0 51.0 76.4#

154 370.0 51.7 77.5#

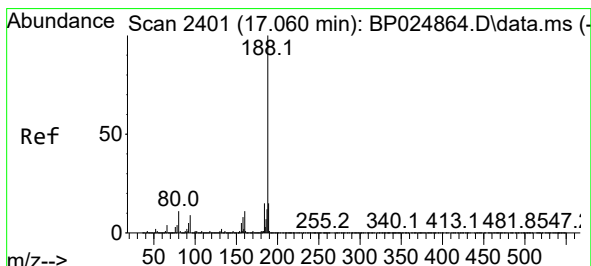
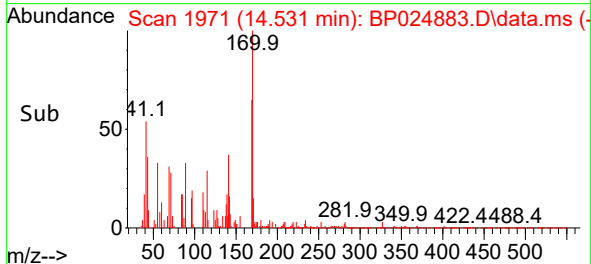
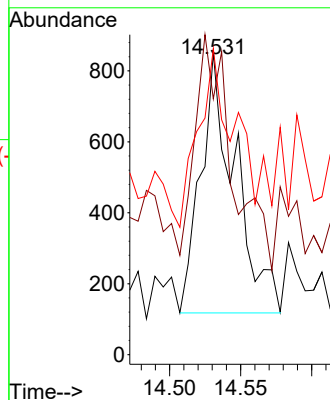
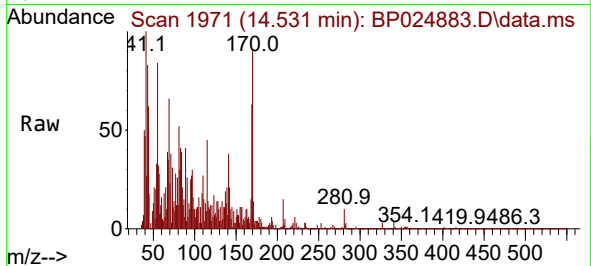




#56
4-Nitrophenol
Concen: 5.594 ng
RT: 14.531 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BP024883.D
Acq: 09 Jun 2025 18:57

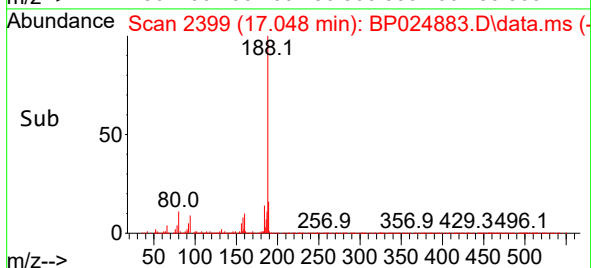
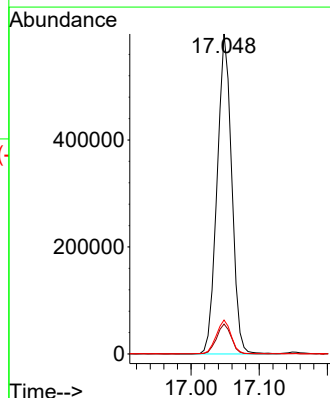
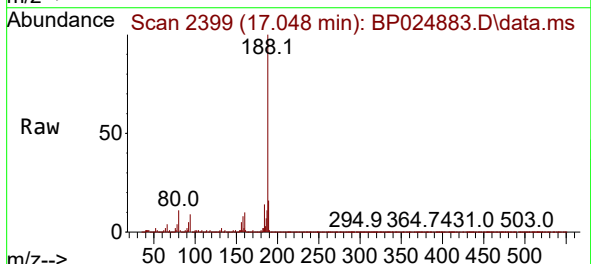
Instrument :
BNA_P
ClientSampleId :
TW-WTS-10

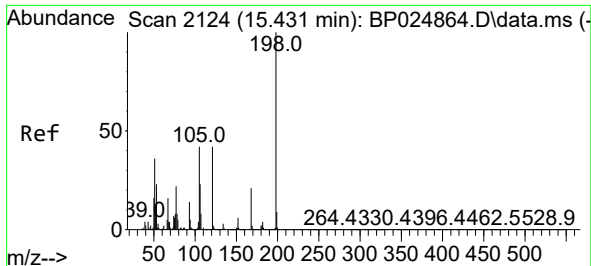
Tgt Ion:139 Resp: 1237
Ion Ratio Lower Upper
139 100
109 84.7 53.1 93.1
65 101.4 73.0 113.0



#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

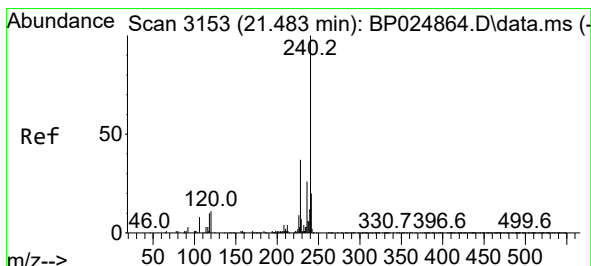
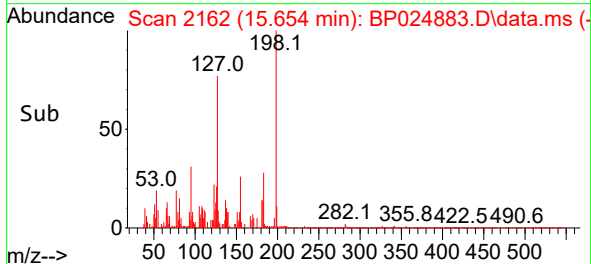
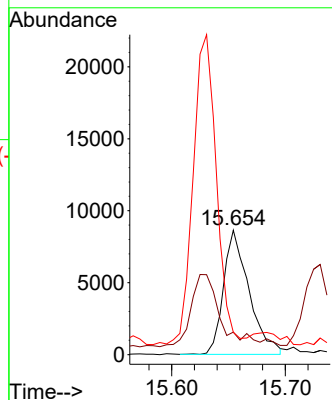
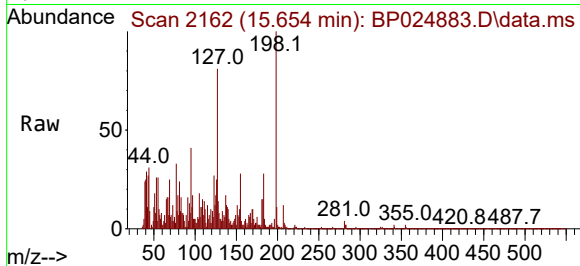




#65
4,6-Dinitro-2-methylphenol
Concen: 2.304 ng
RT: 15.654 min Scan# 2124
Delta R.T. 0.224 min
Lab File: BP024883.D
Acq: 09 Jun 2025 18:57

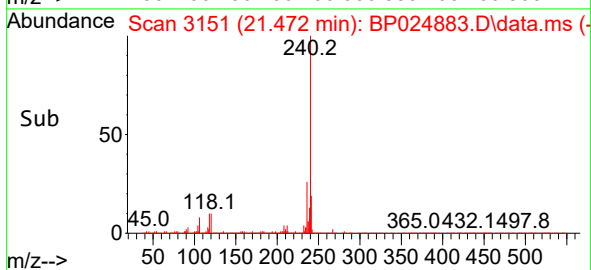
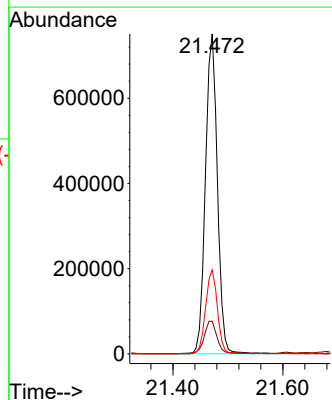
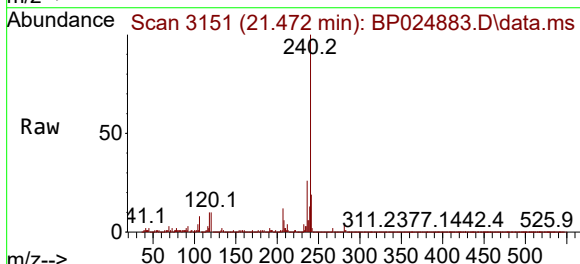
Instrument :
BNA_P
ClientSampleId :
TW-WTS-10

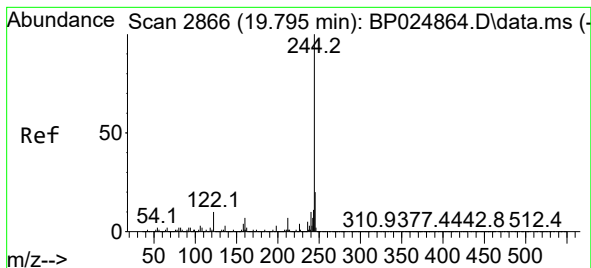
Tgt Ion:198 Resp: 13494
Ion Ratio Lower Upper
198 100
51 18.1 19.2 59.2#
105 18.0 22.6 62.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.472 min Scan# 3151
Delta R.T. -0.012 min
Lab File: BP024883.D
Acq: 09 Jun 2025 18:57

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# 21

Delta R.T. -0.024 min

Lab File: BP024883.D

Acq: 09 Jun 2025 18:57

Instrument :

BNA_P

ClientSampleId :

TW-WTS-10

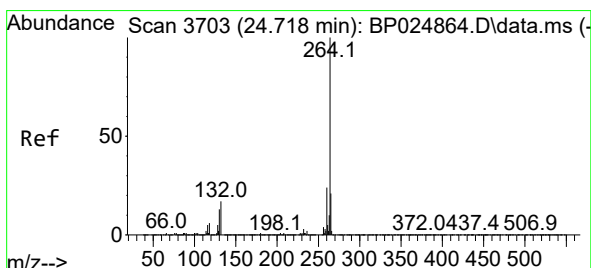
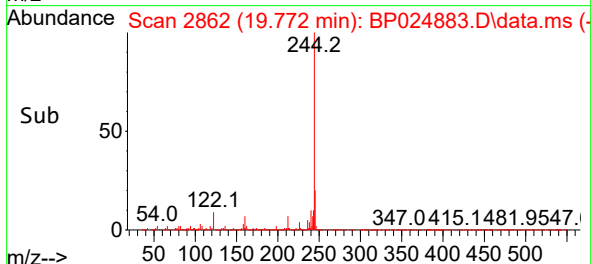
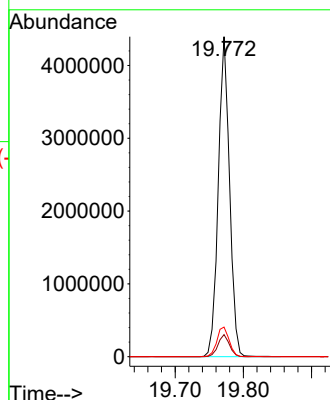
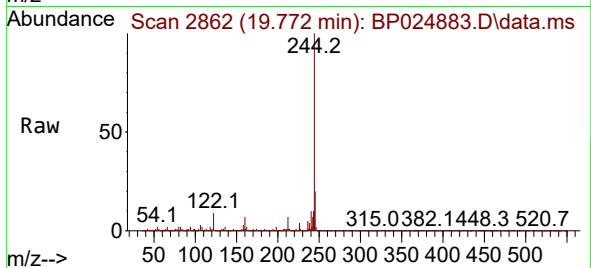
Tgt Ion:244 Resp: 5046273

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# 3702

Delta R.T. -0.006 min

Lab File: BP024883.D

Acq: 09 Jun 2025 18:57

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

