

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061025\
 Data File : BP024892.D
 Acq On : 10 Jun 2025 13:43
 Operator : RC/JU
 Sample : Q2265-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP11-MHL-WC

Quant Time: Jun 10 14:10:34 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)

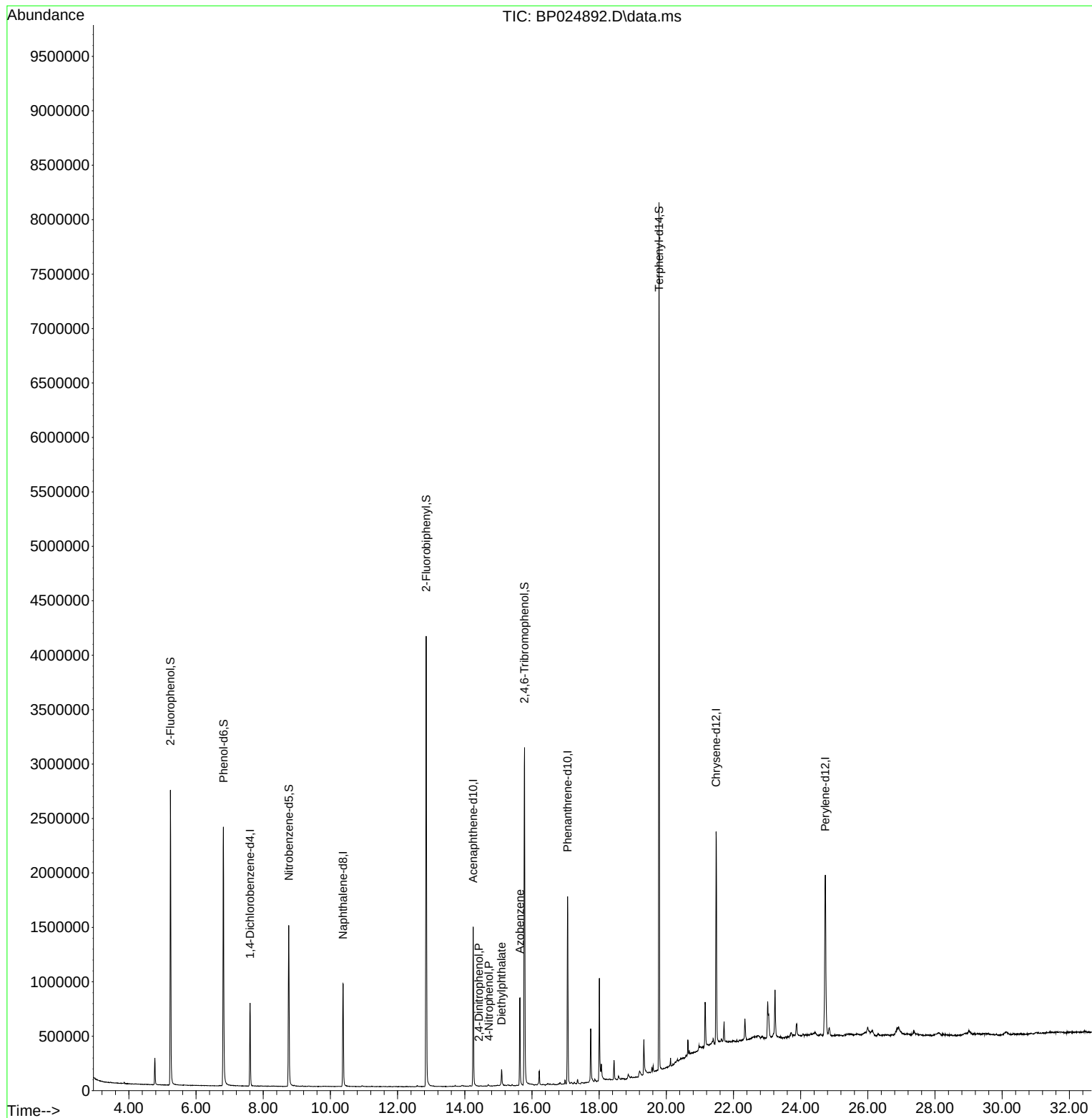
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	209510	20.000	ng	0.00
21) Naphthalene-d8	10.372	136	824081	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	530605	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1084172	20.000	ng	0.00
76) Chrysene-d12	21.483	240	1201133	20.000	ng	0.00
86) Perylene-d12	24.730	264	1427181	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1197486	95.406	ng	0.00
7) Phenol-d6	6.814	99	1508721	90.849	ng	0.00
23) Nitrobenzene-d5	8.761	82	950157	56.027	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	742068	101.156	ng	0.00
45) 2-Fluorobiphenyl	12.849	172	2210917	56.132	ng	-0.01
79) Terphenyl-d14	19.783	244	3779952	56.402	ng	-0.01
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.419	184	59	5.573	ng	# 18
56) 4-Nitrophenol	14.713	139	76	5.419	ng	88
60) Diethylphthalate	15.095	149	118256	3.031	ng	99
63) Azobenzene	15.637	77	229845	6.424	ng	# 1

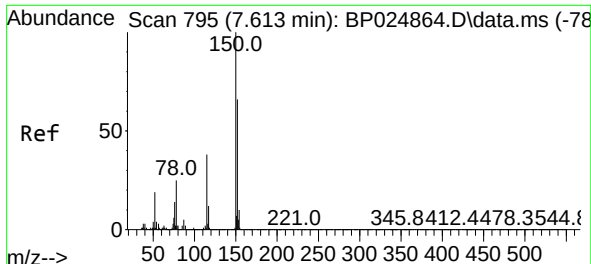
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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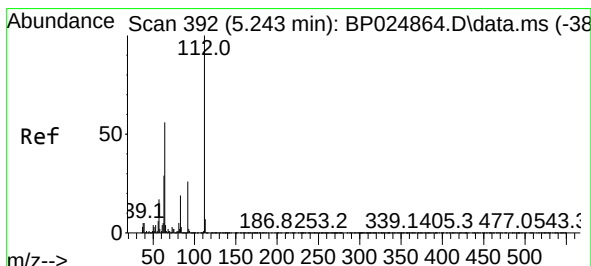
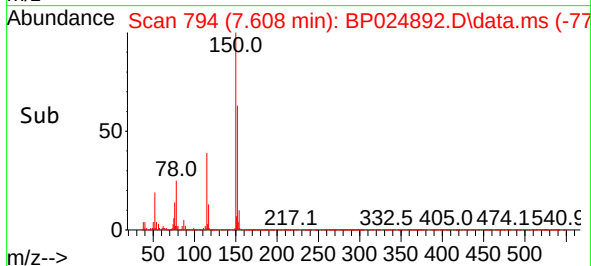
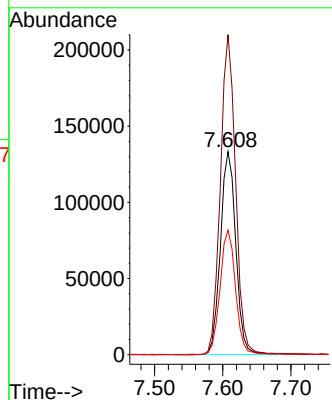
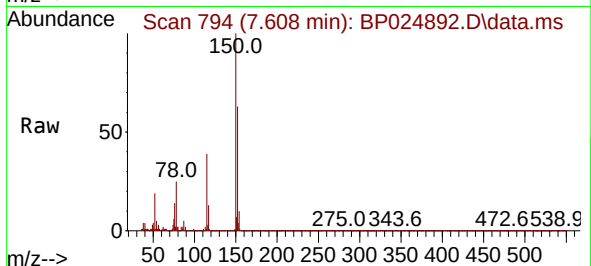




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.608 min Scan# 795
 Delta R.T. -0.005 min
 Lab File: BP024892.D
 Acq: 10 Jun 2025 13:43

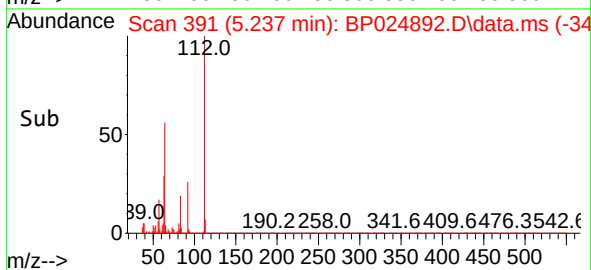
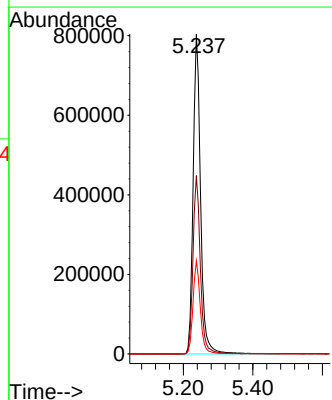
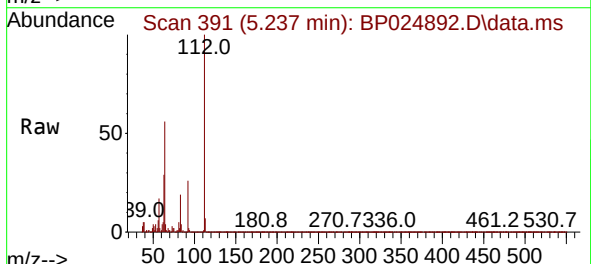
Instrument :
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 ClientSampleId :
 TP11-MHL-WC

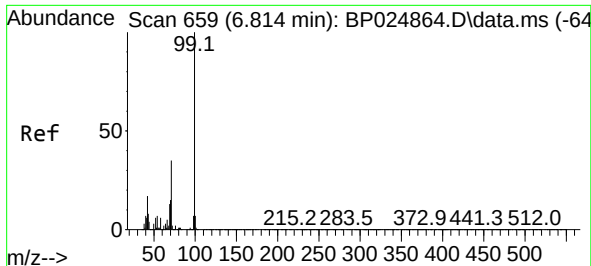
Tgt Ion:152 Resp: 209510
 Ion Ratio Lower Upper
 152 100
 150 157.6 122.1 183.1
 115 61.3 46.4 69.6



#5
 2-Fluorophenol
 Concen: 95.406 ng
 RT: 5.237 min Scan# 391
 Delta R.T. -0.006 min
 Lab File: BP024892.D
 Acq: 10 Jun 2025 13:43

Tgt Ion:112 Resp: 1197486
 Ion Ratio Lower Upper
 112 100
 64 55.8 44.7 67.1
 63 29.1 23.5 35.3

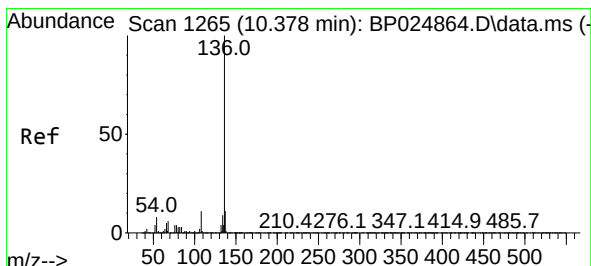
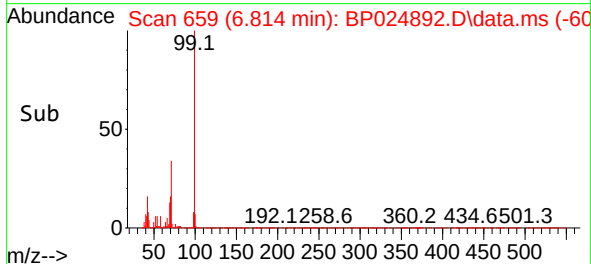
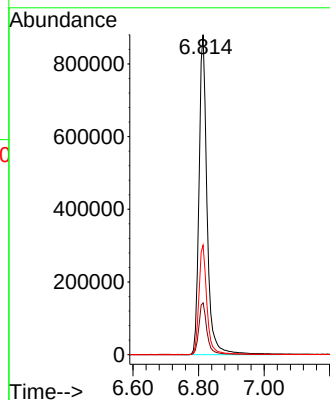
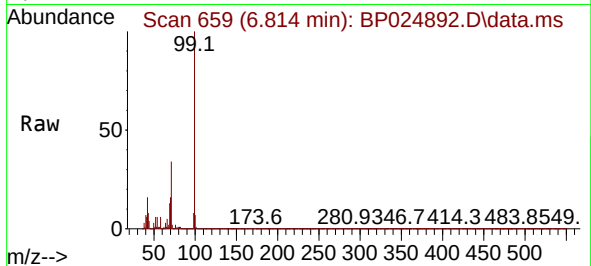




#7
Phenol-d6
Concen: 90.849 ng
RT: 6.814 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024892.D
Acq: 10 Jun 2025 13:43

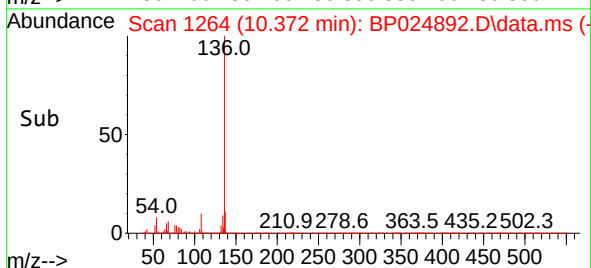
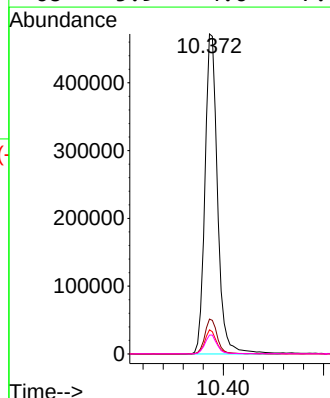
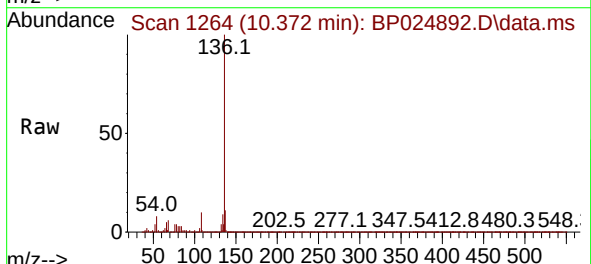
Instrument :
BNA_P
ClientSampleId :
TP11-MHL-WC

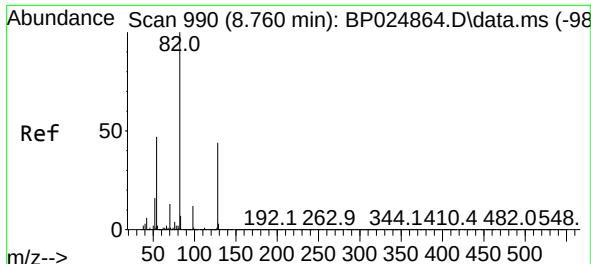
Tgt Ion: 99 Resp: 1508721
Ion Ratio Lower Upper
99 100
42 16.2 13.4 20.2
71 34.2 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.372 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP024892.D
Acq: 10 Jun 2025 13:43

Tgt Ion: 136 Resp: 824081
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.6 6.1 9.1
68 5.9 4.6 7.0

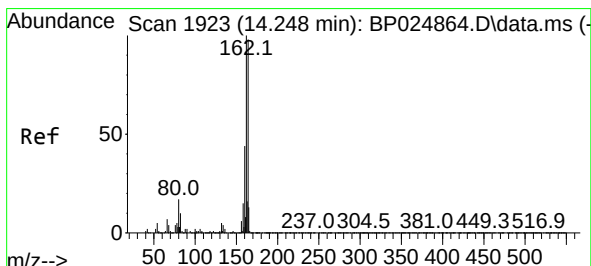
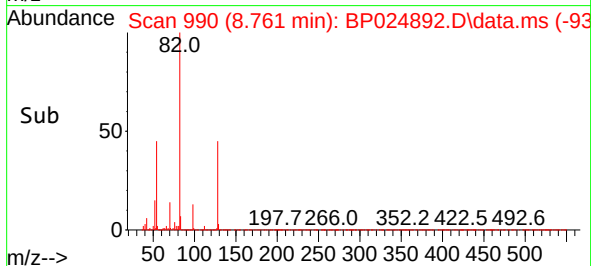
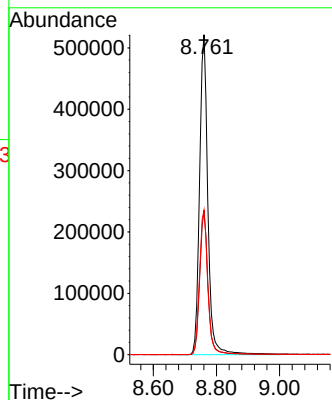
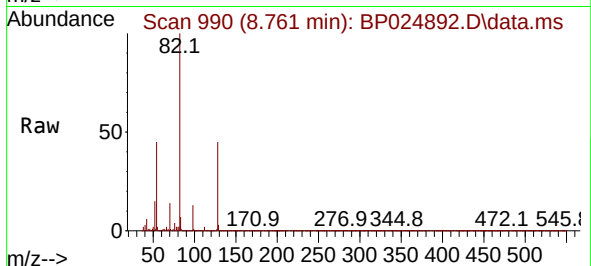




#23
Nitrobenzene-d5
Concen: 56.027 ng
RT: 8.761 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP024892.D
Acq: 10 Jun 2025 13:43

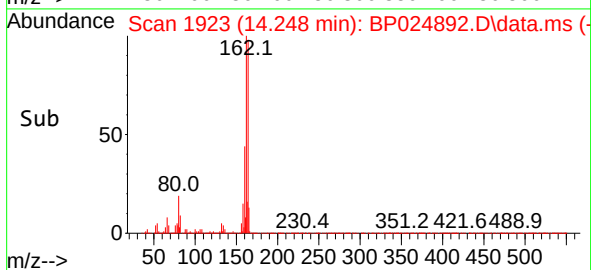
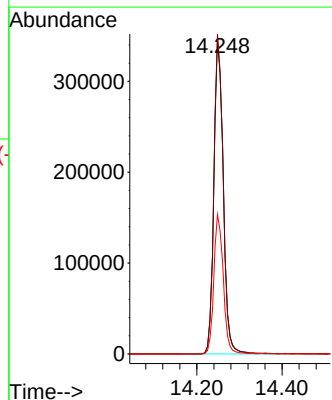
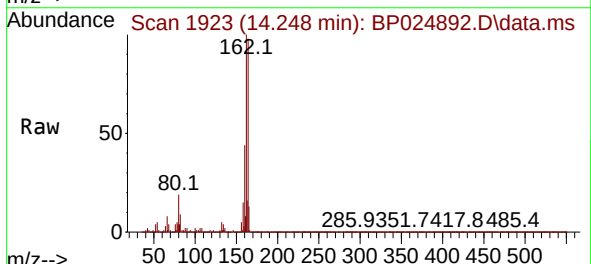
Instrument :
BNA_P
ClientSampleId :
TP11-MHL-WC

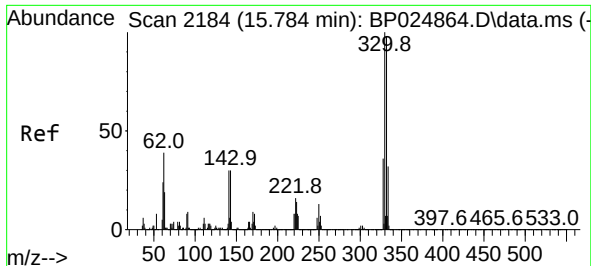
Tgt Ion: 82 Resp: 950157
Ion Ratio Lower Upper
82 100
128 45.0 35.3 52.9
54 45.3 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BP024892.D
Acq: 10 Jun 2025 13:43

Tgt Ion:164 Resp: 530605
Ion Ratio Lower Upper
164 100
162 101.9 81.6 122.4
160 44.4 36.2 54.2

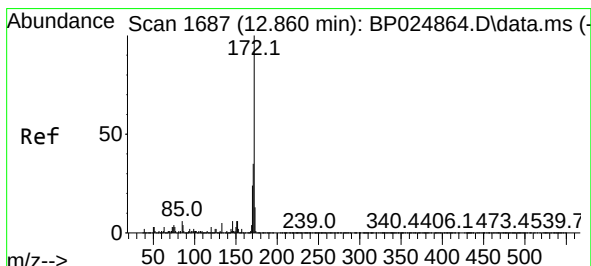
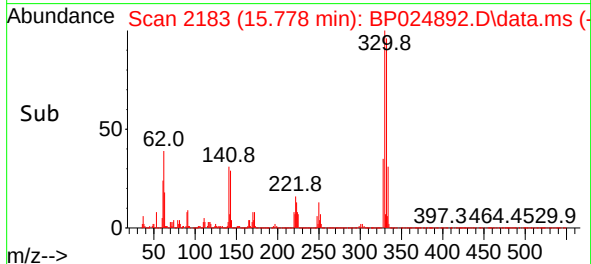
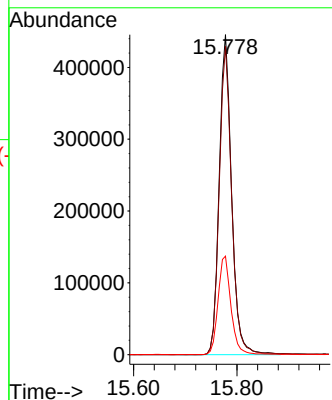
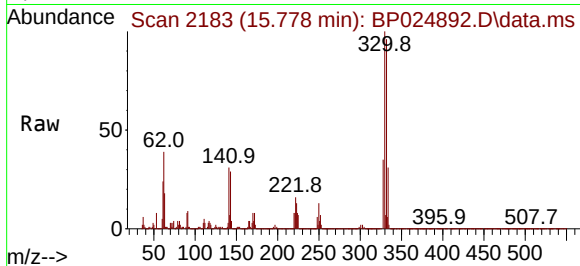




#42
2,4,6-Tribromophenol
Concen: 101.156 ng
RT: 15.778 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BP024892.D
Acq: 10 Jun 2025 13:43

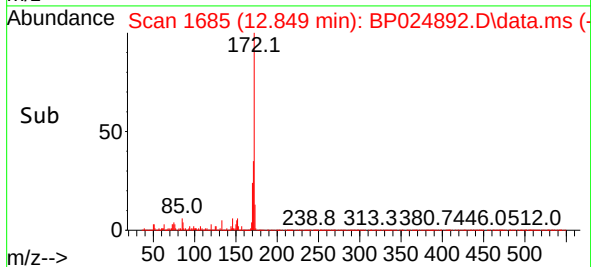
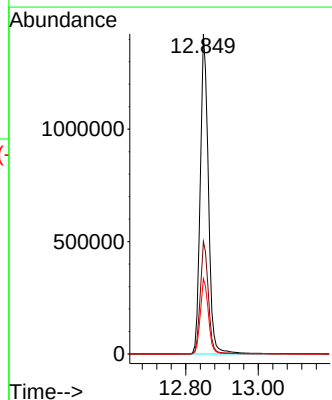
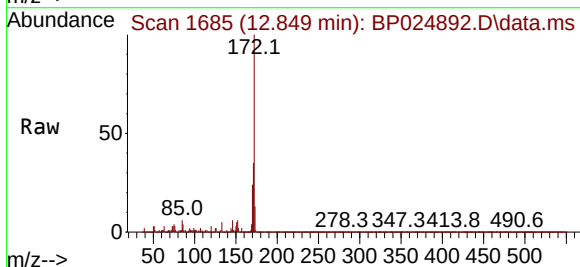
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BNA_P
ClientSampleId :
TP11-MHL-WC

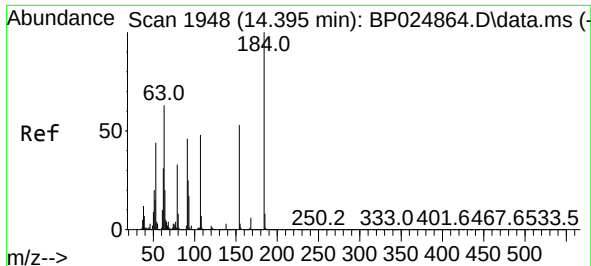
Tgt Ion:330 Resp: 742068
Ion Ratio Lower Upper
330 100
332 97.0 77.7 116.5
141 32.1 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 56.132 ng
RT: 12.849 min Scan# 1685
Delta R.T. -0.012 min
Lab File: BP024892.D
Acq: 10 Jun 2025 13:43

Tgt Ion:172 Resp: 2210917
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.5 19.0 28.4

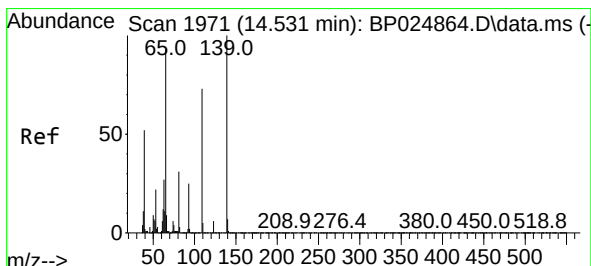
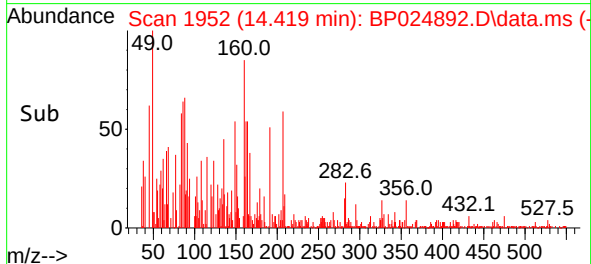
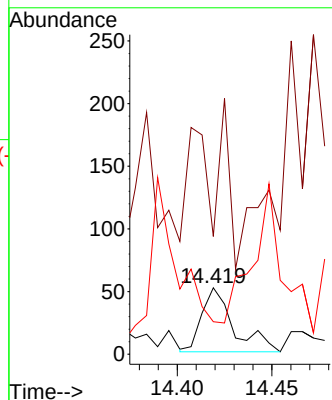
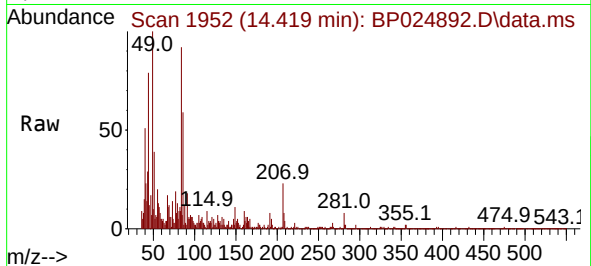




#54
2,4-Dinitrophenol
Concen: 5.573 ng
RT: 14.419 min Scan# 1948
Delta R.T. 0.024 min
Lab File: BP024892.D
Acq: 10 Jun 2025 13:43

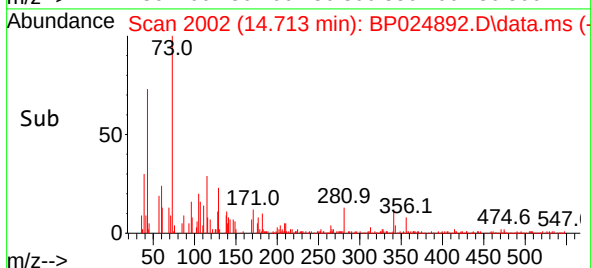
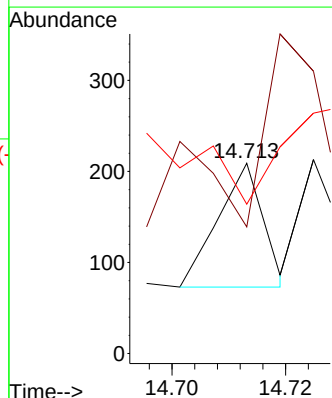
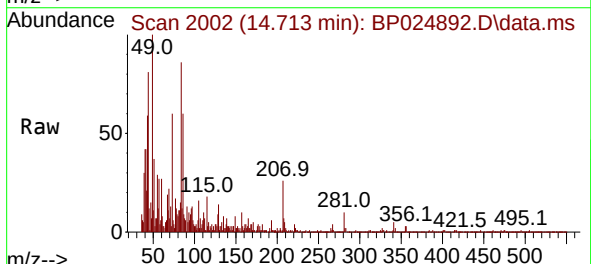
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TP11-MHL-WC

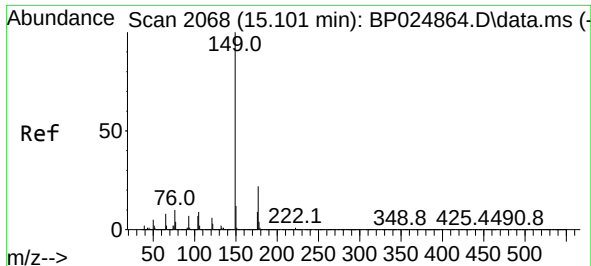
Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 177.4 51.0 76.4#
154 49.1 51.7 77.5#



#56
4-Nitrophenol
Concen: 5.419 ng
RT: 14.713 min Scan# 2002
Delta R.T. 0.182 min
Lab File: BP024892.D
Acq: 10 Jun 2025 13:43

Tgt Ion:139 Resp: 76
Ion Ratio Lower Upper
139 100
109 66.5 53.1 93.1
65 78.5 73.0 113.0

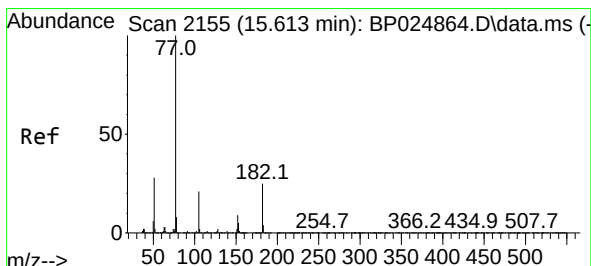
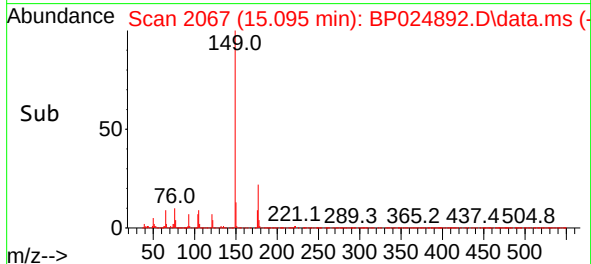
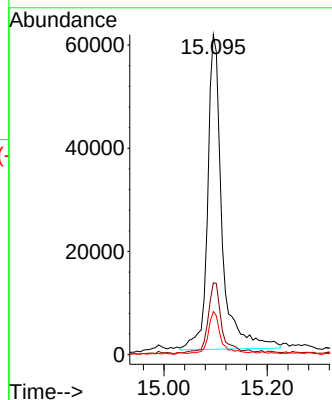
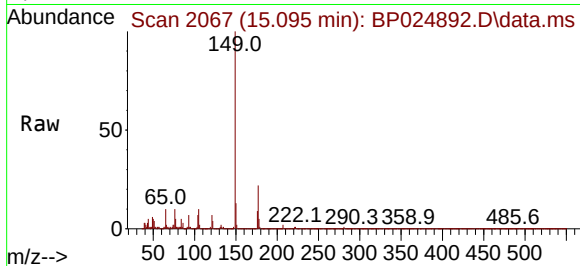




#60
Diethylphthalate
Concen: 3.031 ng
RT: 15.095 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BP024892.D
Acq: 10 Jun 2025 13:43

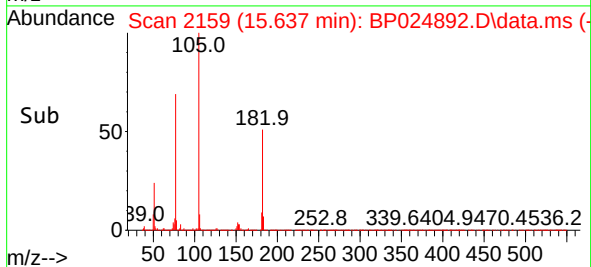
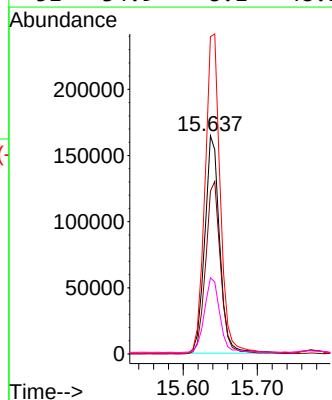
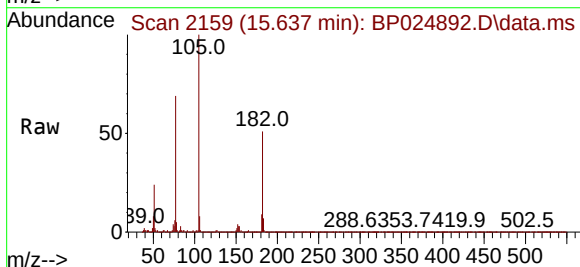
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BNA_P
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TP11-MHL-WC

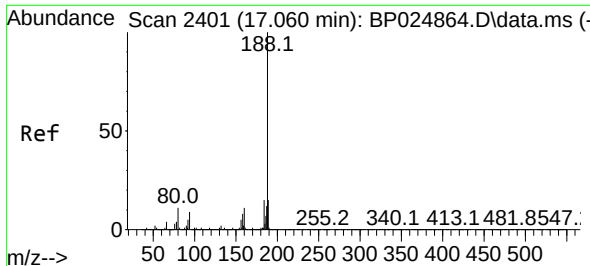
Tgt Ion:149 Resp: 118256
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 13.4 9.8 14.6



#63
Azobenzene
Concen: 6.424 ng
RT: 15.637 min Scan# 2159
Delta R.T. 0.024 min
Lab File: BP024892.D
Acq: 10 Jun 2025 13:43

Tgt Ion: 77 Resp: 229845
Ion Ratio Lower Upper
77 100
182 74.6 5.4 45.4#
105 145.3 0.8 40.8#
51 34.9 8.1 48.1

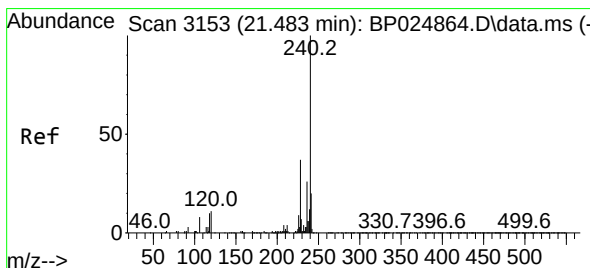
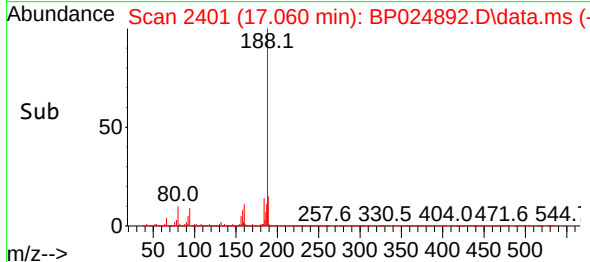
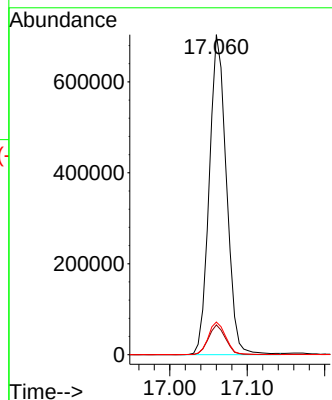
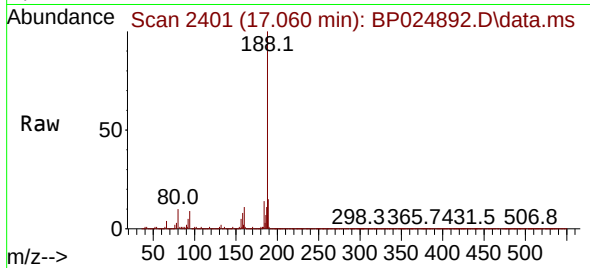




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.060 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BP024892.D
Acq: 10 Jun 2025 13:43

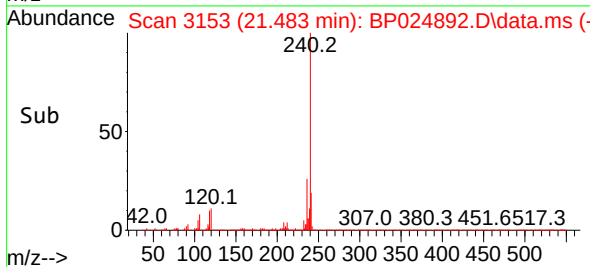
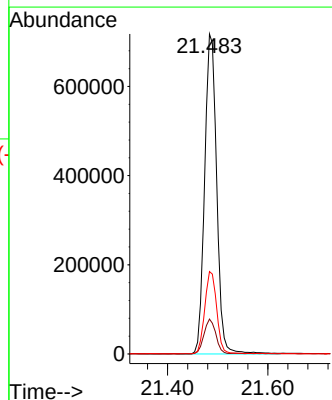
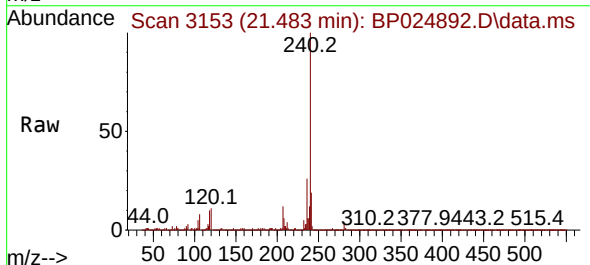
Instrument :
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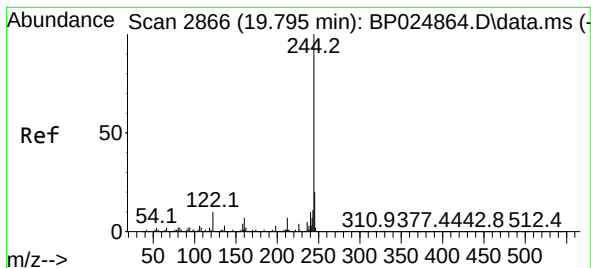
Tgt Ion:188 Resp: 1084172
Ion Ratio Lower Upper
188 100
94 9.3 7.3 10.9
80 10.2 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.483 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BP024892.D
Acq: 10 Jun 2025 13:43

Tgt Ion:240 Resp: 1201133
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 56.402 ng

RT: 19.783 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024892.D

Acq: 10 Jun 2025 13:43

Instrument :

BNA_P

ClientSampleId :

TP11-MHL-WC

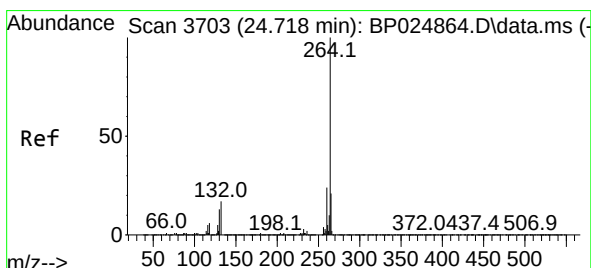
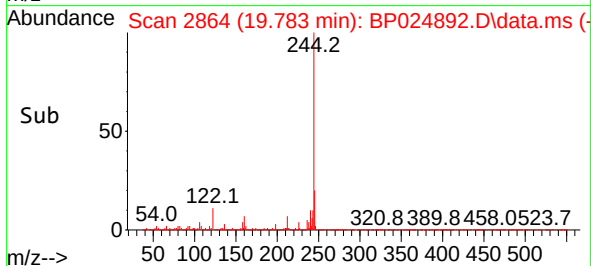
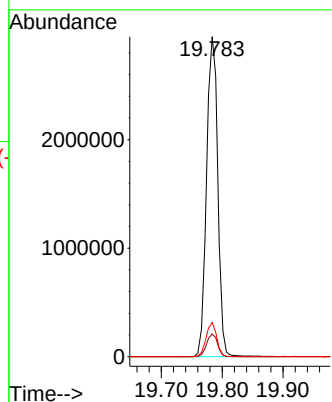
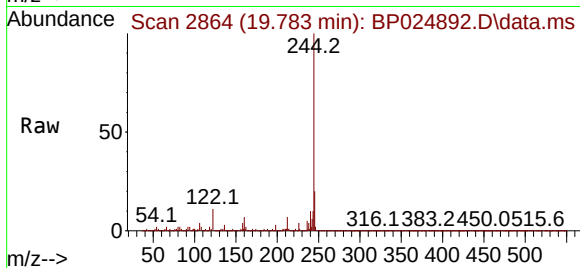
Tgt Ion:244 Resp: 3779952

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.7 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.730 min Scan# 3705

Delta R.T. 0.012 min

Lab File: BP024892.D

Acq: 10 Jun 2025 13:43

Tgt Ion:264 Resp: 1427181

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 22.0 17.4 26.0

