

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061025\
 Data File : BP024891.D
 Acq On : 10 Jun 2025 13:02
 Operator : RC/JU
 Sample : Q2266-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-3

Quant Time: Jun 10 13:28:31 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)

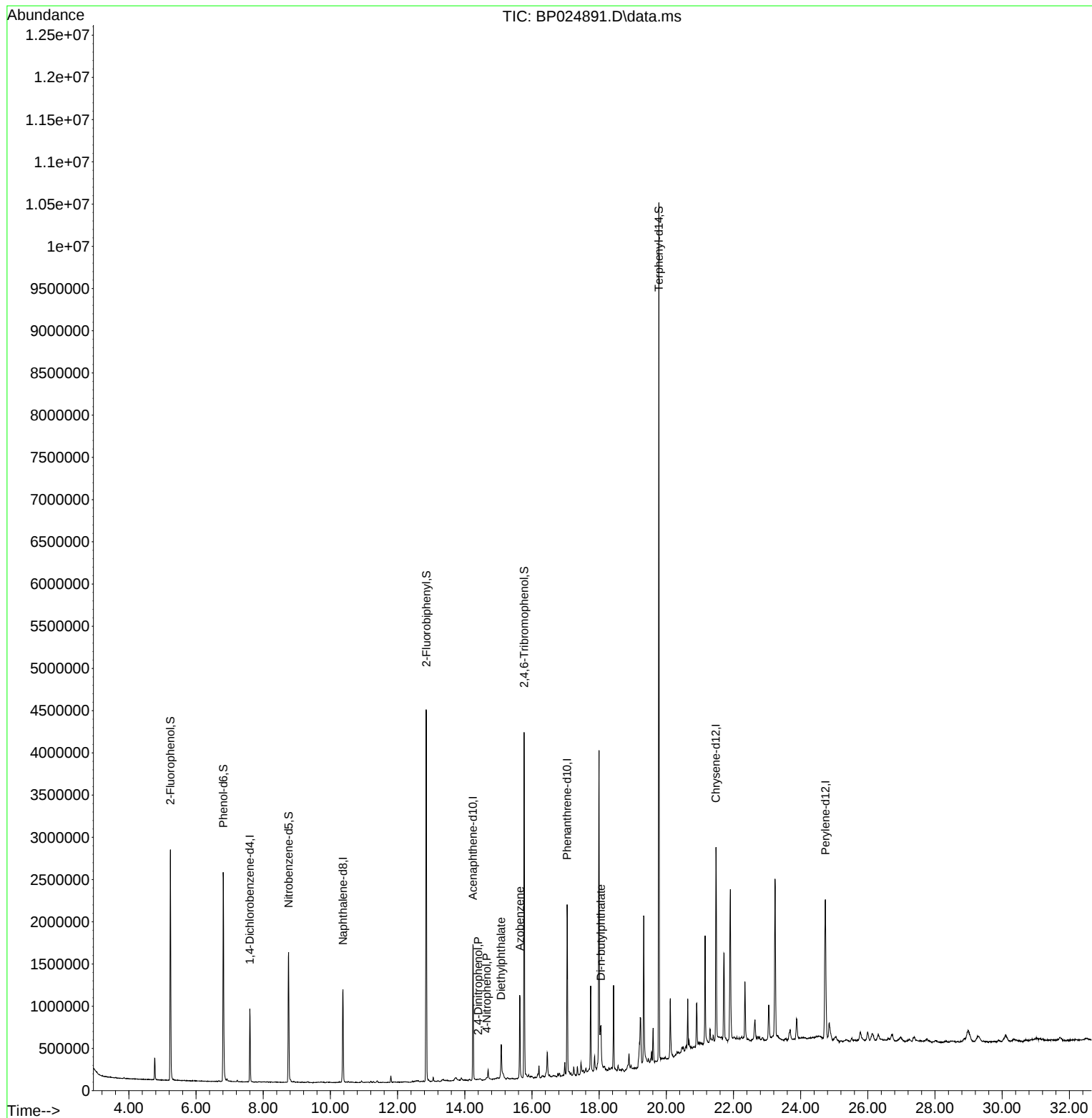
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.602	152	228120	20.000	ng	-0.01
21) Naphthalene-d8	10.372	136	902641	20.000	ng	0.00
39) Acenaphthene-d10	14.243	164	586294	20.000	ng	0.00
64) Phenanthrene-d10	17.048	188	1221244	20.000	ng	-0.01
76) Chrysene-d12	21.477	240	1410325	20.000	ng	0.00
86) Perylene-d12	24.736	264	1643214	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1237611	90.559	ng	0.00
7) Phenol-d6	6.808	99	1566768	86.648	ng	0.00
23) Nitrobenzene-d5	8.755	82	954944	51.409	ng	0.00
42) 2,4,6-Tribromophenol	15.766	330	818803	101.014	ng	-0.02
45) 2-Fluorobiphenyl	12.854	172	2314345	53.176	ng	0.00
79) Terphenyl-d14	19.778	244	4389324	55.780	ng	-0.02
Target Compounds						
					Qvalue	
54) 2,4-Dinitrophenol	14.401	184	91	5.577	ng	# 1
56) 4-Nitrophenol	14.654	139	1815	5.616	ng	91
60) Diethylphthalate	15.084	149	342273	7.941	ng	97
63) Azobenzene	15.637	77	243210	6.152	ng	# 1
74) Di-n-butylphthalate	18.054	149	217201	2.767	ng	100

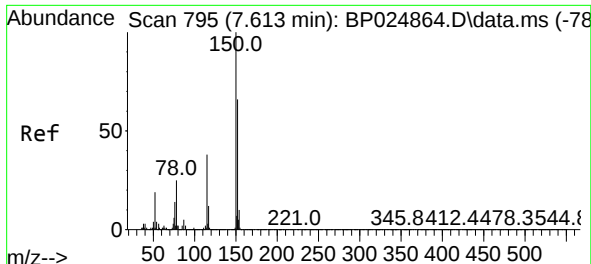
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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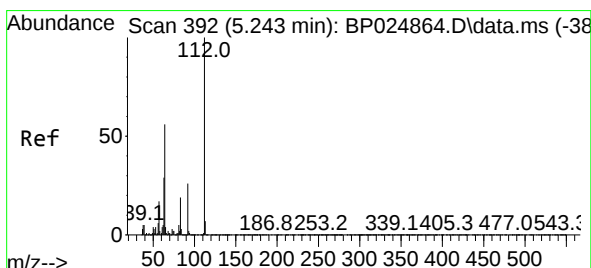
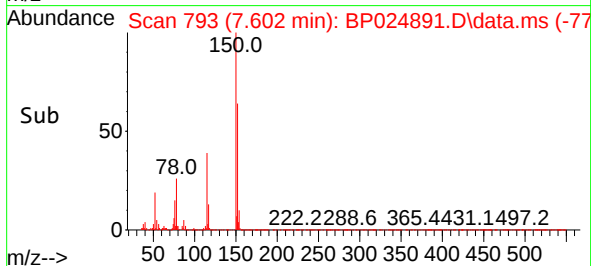
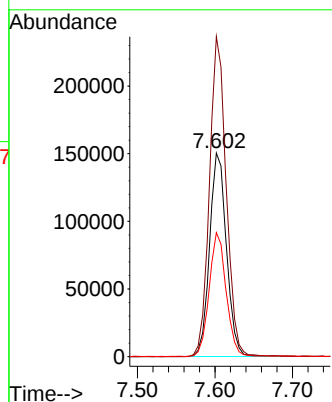
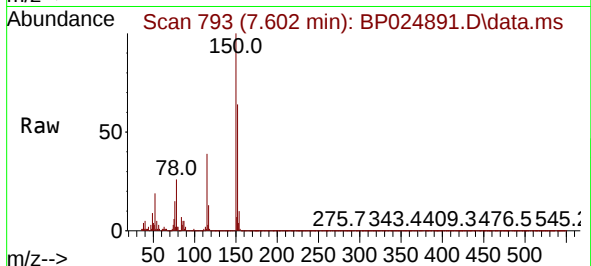




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.602 min Scan# 795
 Delta R.T. -0.011 min
 Lab File: BP024891.D
 Acq: 10 Jun 2025 13:02

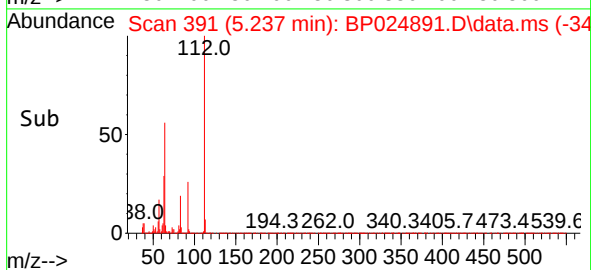
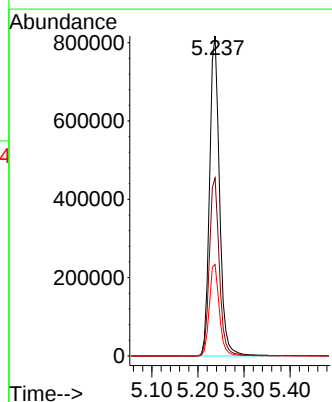
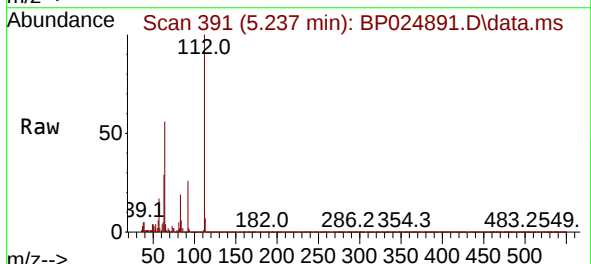
Instrument :
 BNA_P
 ClientSampleId :
 WC-3

Tgt Ion:152 Resp: 228120
 Ion Ratio Lower Upper
 152 100
 150 157.1 122.1 183.1
 115 60.9 46.4 69.6



#5
 2-Fluorophenol
 Concen: 90.559 ng
 RT: 5.237 min Scan# 391
 Delta R.T. -0.006 min
 Lab File: BP024891.D
 Acq: 10 Jun 2025 13:02

Tgt Ion:112 Resp: 1237611
 Ion Ratio Lower Upper
 112 100
 64 55.6 44.7 67.1
 63 28.6 23.5 35.3

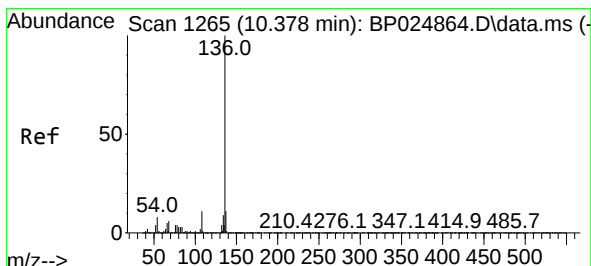
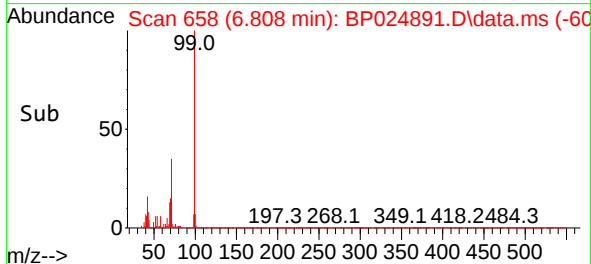
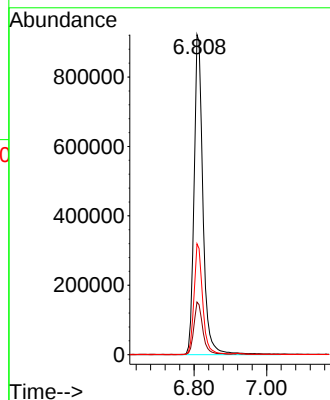
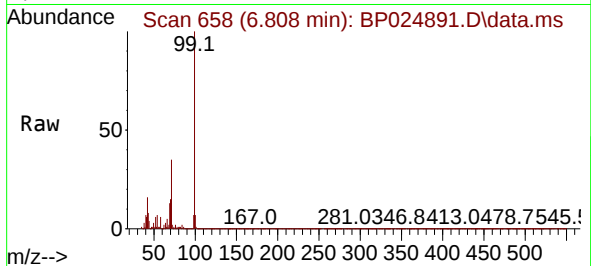




#7
Phenol-d6
Concen: 86.648 ng
RT: 6.808 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024891.D
Acq: 10 Jun 2025 13:02

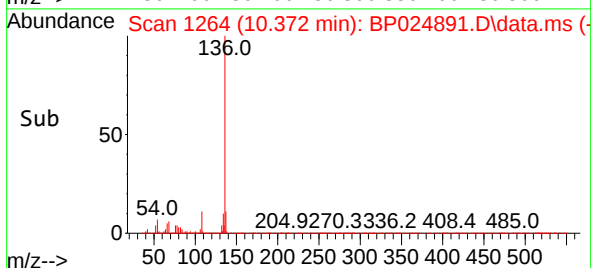
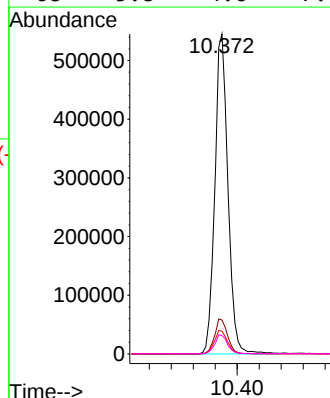
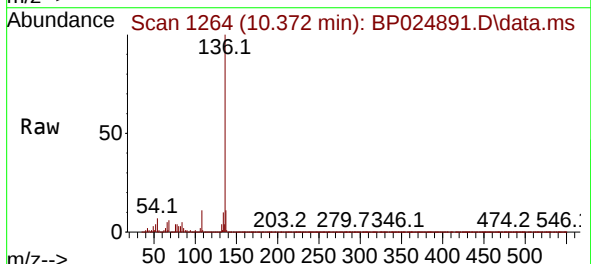
Instrument :
BNA_P
ClientSampleId :
WC-3

Tgt Ion: 99 Resp: 1566768
Ion Ratio Lower Upper
99 100
42 16.5 13.4 20.2
71 34.6 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: BP024891.D
Acq: 10 Jun 2025 13:02

Tgt Ion:136 Resp: 902641
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.1 6.1 9.1
68 5.8 4.6 7.0

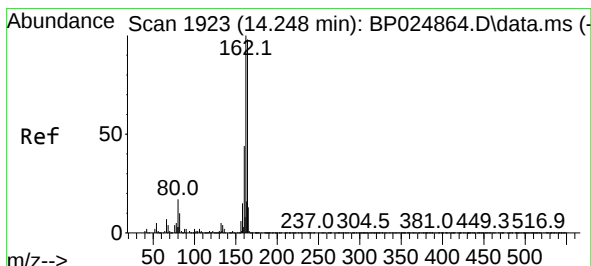
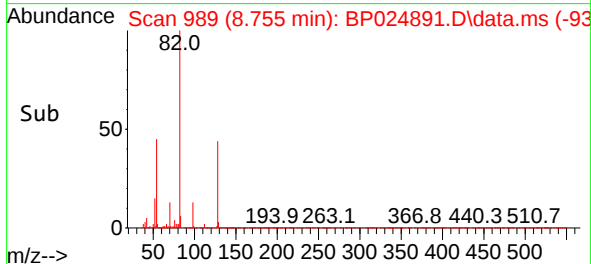
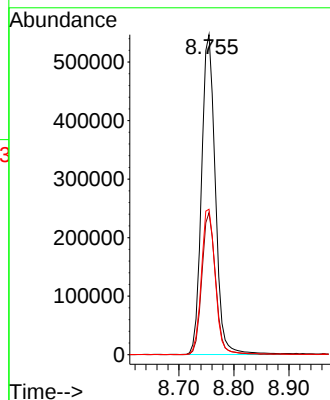
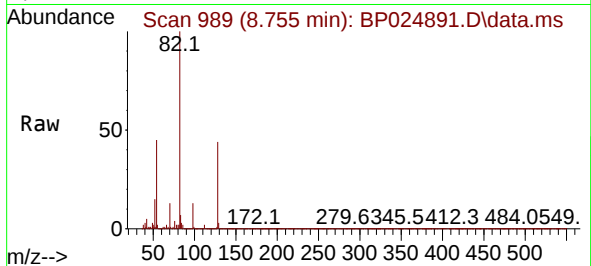




#23
Nitrobenzene-d5
Concen: 51.409 ng
RT: 8.755 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024891.D
Acq: 10 Jun 2025 13:02

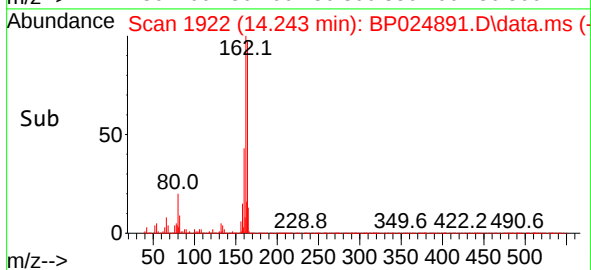
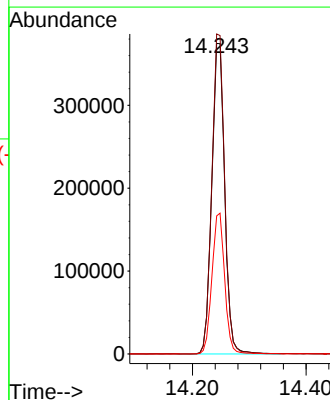
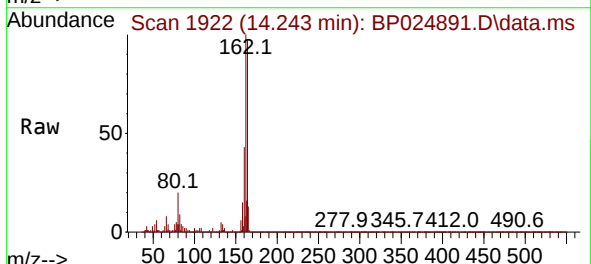
Instrument :
BNA_P
ClientSampleId :
WC-3

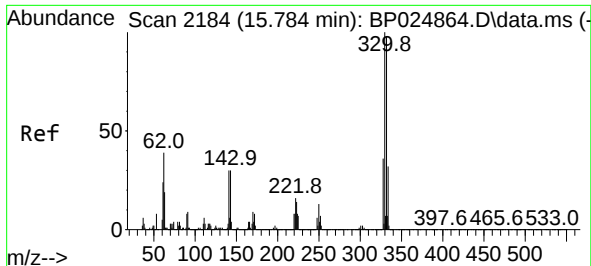
Tgt Ion: 82 Resp: 954944
Ion Ratio Lower Upper
82 100
128 44.3 35.3 52.9
54 45.4 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.243 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BP024891.D
Acq: 10 Jun 2025 13:02

Tgt Ion:164 Resp: 586294
Ion Ratio Lower Upper
164 100
162 103.0 81.6 122.4
160 44.5 36.2 54.2

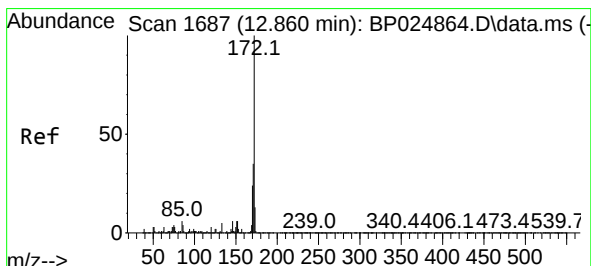
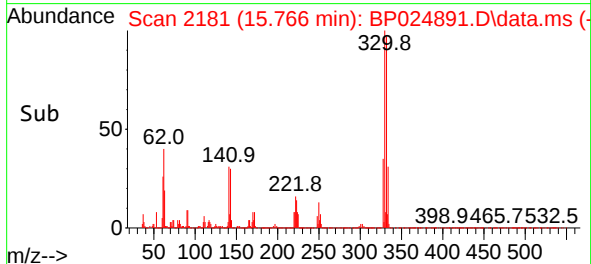
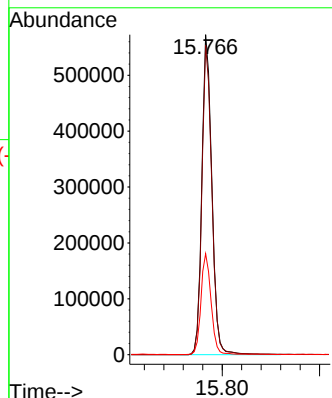
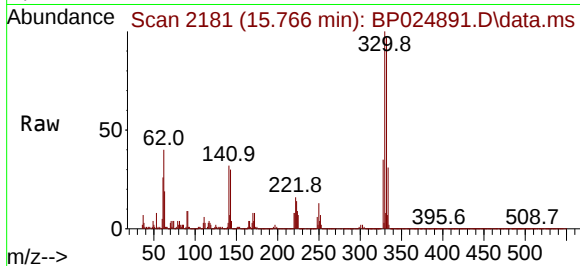




#42
2,4,6-Tribromophenol
Concen: 101.014 ng
RT: 15.766 min Scan# 2184
Delta R.T. -0.018 min
Lab File: BP024891.D
Acq: 10 Jun 2025 13:02

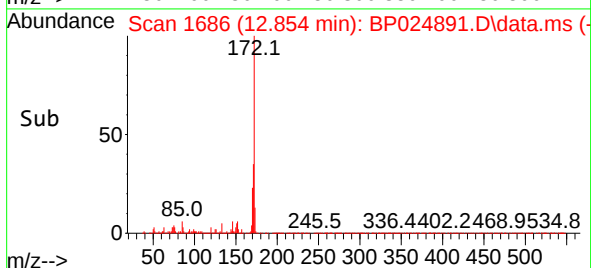
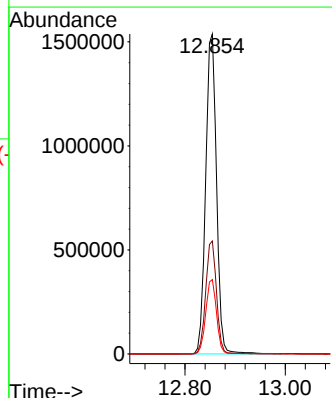
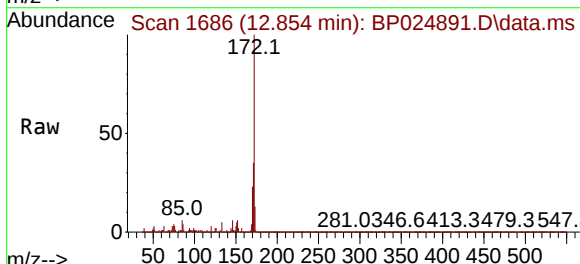
Instrument :
BNA_P
ClientSampleId :
WC-3

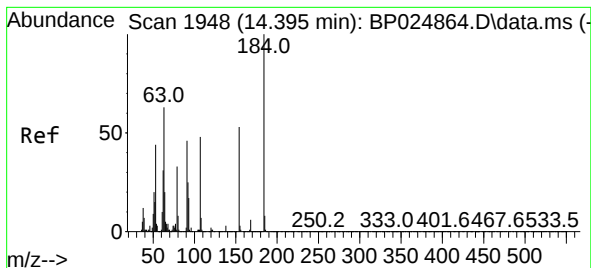
Tgt Ion:330 Resp: 818803
Ion Ratio Lower Upper
330 100
332 96.1 77.7 116.5
141 31.7 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 53.176 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP024891.D
Acq: 10 Jun 2025 13:02

Tgt Ion:172 Resp: 2314345
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.3 19.0 28.4





#54

2,4-Dinitrophenol

Concen: 5.577 ng

RT: 14.401 min Scan# 1949

Delta R.T. 0.006 min

Lab File: BP024891.D

Acq: 10 Jun 2025 13:02

Instrument :

BNA_P

ClientSampleId :

WC-3

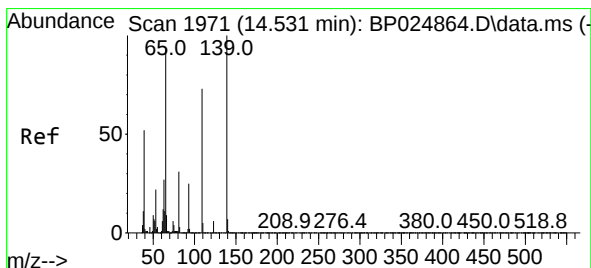
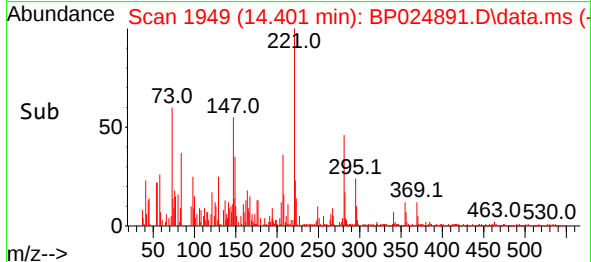
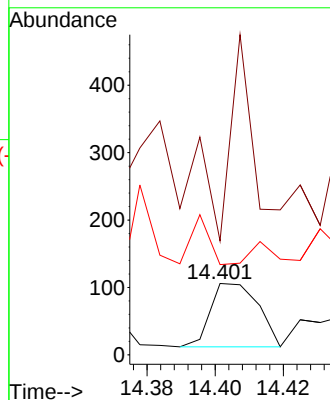
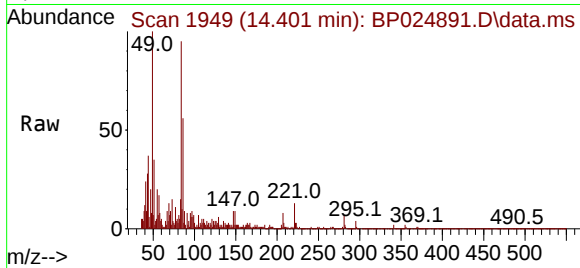
Tgt Ion:184 Resp: 91

Ion Ratio Lower Upper

184 100

63 159.4 51.0 76.4#

154 126.4 51.7 77.5#



#56

4-Nitrophenol

Concen: 5.616 ng

RT: 14.654 min Scan# 1992

Delta R.T. 0.123 min

Lab File: BP024891.D

Acq: 10 Jun 2025 13:02

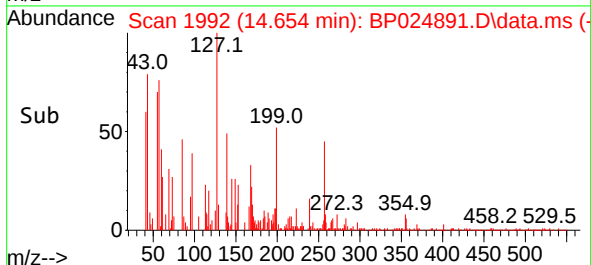
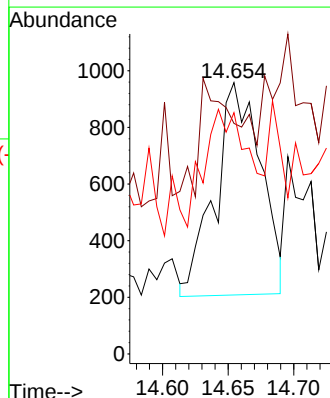
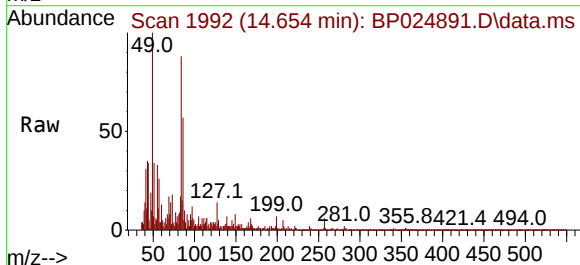
Tgt Ion:139 Resp: 1815

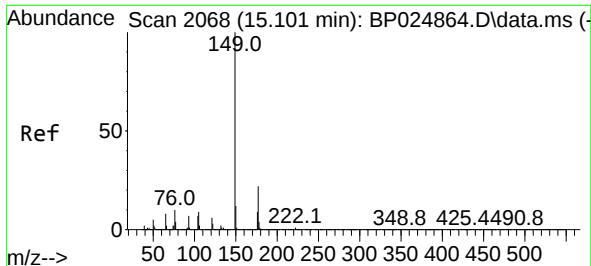
Ion Ratio Lower Upper

139 100

109 85.0 53.1 93.1

65 88.9 73.0 113.0

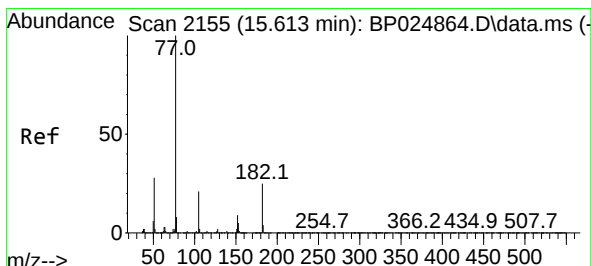
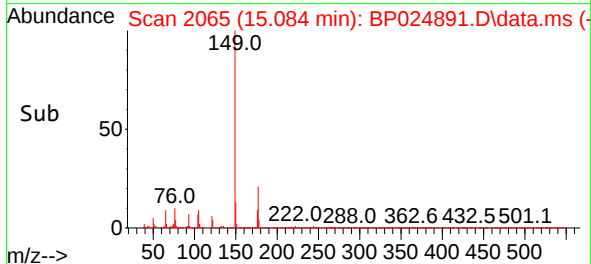
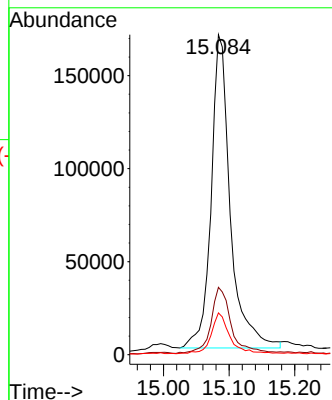
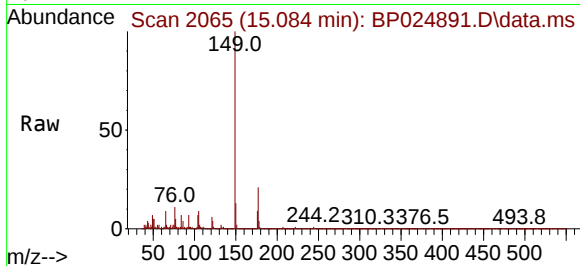




#60
Diethylphthalate
Concen: 7.941 ng
RT: 15.084 min Scan# 2065
Delta R.T. -0.018 min
Lab File: BP024891.D
Acq: 10 Jun 2025 13:02

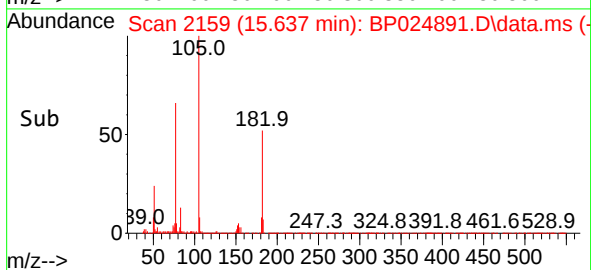
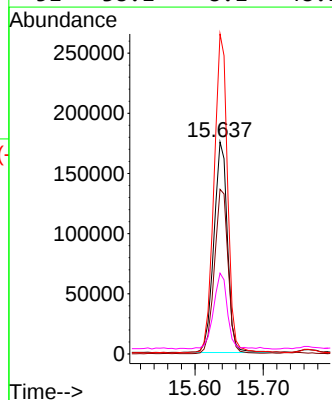
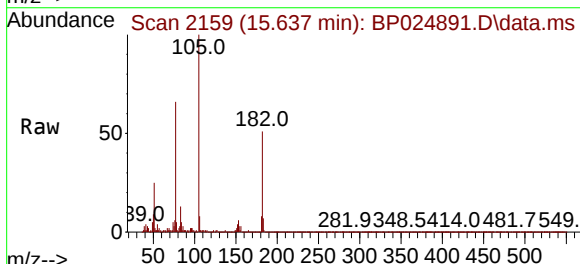
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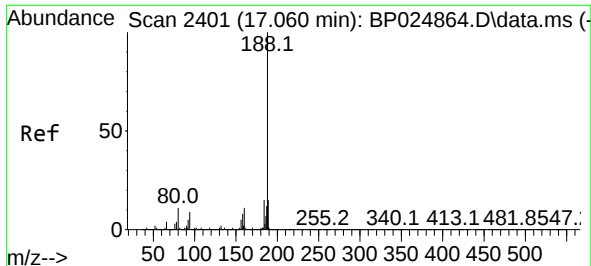
Tgt Ion:149 Resp: 342273
Ion Ratio Lower Upper
149 100
177 21.0 17.9 26.9
150 13.0 9.8 14.6



#63
Azobenzene
Concen: 6.152 ng
RT: 15.637 min Scan# 2159
Delta R.T. 0.024 min
Lab File: BP024891.D
Acq: 10 Jun 2025 13:02

Tgt Ion: 77 Resp: 243210
Ion Ratio Lower Upper
77 100
182 77.7 5.4 45.4#
105 151.0 0.8 40.8#
51 38.1 8.1 48.1

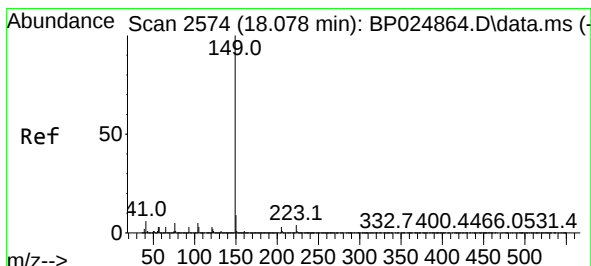
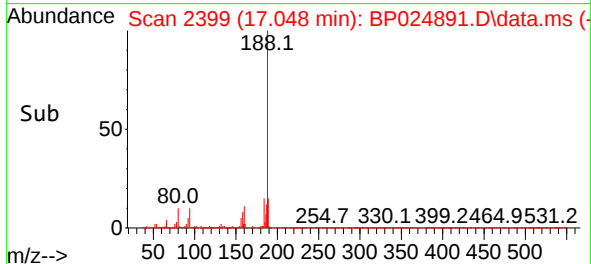
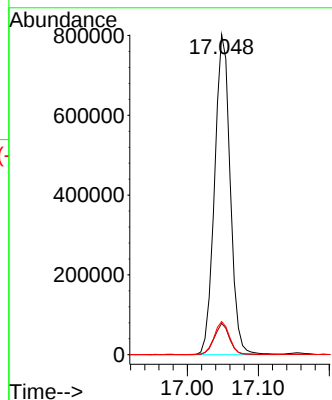
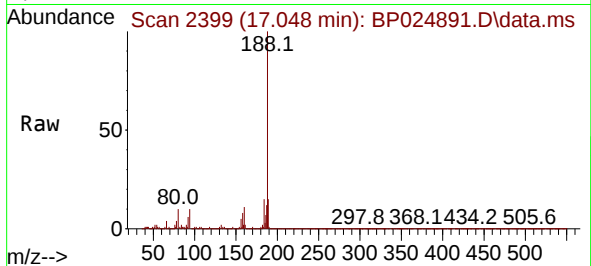




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.048 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024891.D
Acq: 10 Jun 2025 13:02

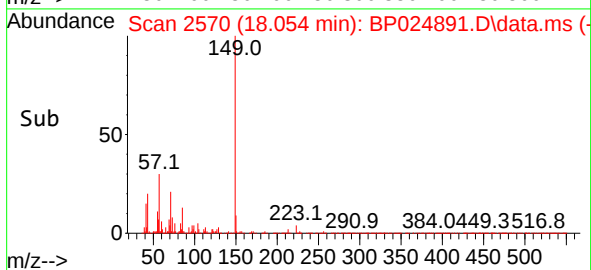
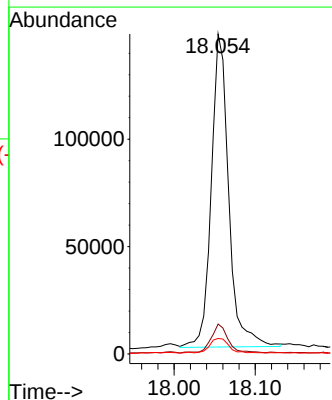
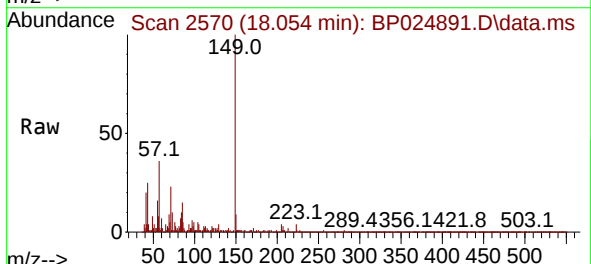
Instrument :
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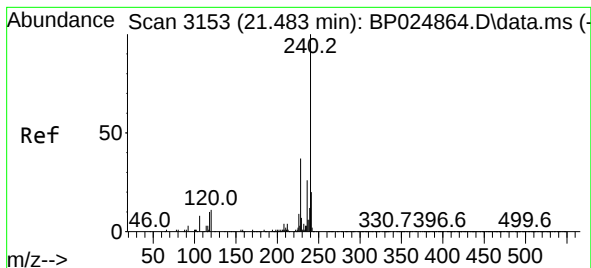
Tgt Ion:188 Resp: 1221244
Ion Ratio Lower Upper
188 100
94 9.8 7.3 10.9
80 10.3 8.5 12.7



#74
Di-n-butylphthalate
Concen: 2.767 ng
RT: 18.054 min Scan# 2570
Delta R.T. -0.023 min
Lab File: BP024891.D
Acq: 10 Jun 2025 13:02

Tgt Ion:149 Resp: 217201
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 4.9 4.2 6.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.477 min Scan# 3153

Delta R.T. -0.006 min

Lab File: BP024891.D

Acq: 10 Jun 2025 13:02

Instrument :

BNA_P

ClientSampleId :

WC-3

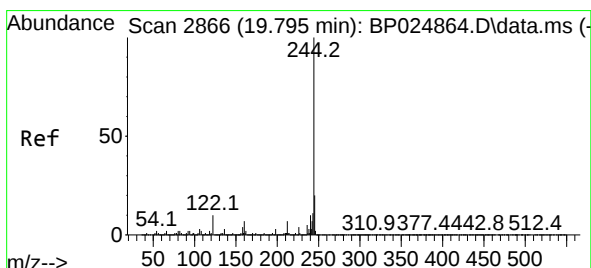
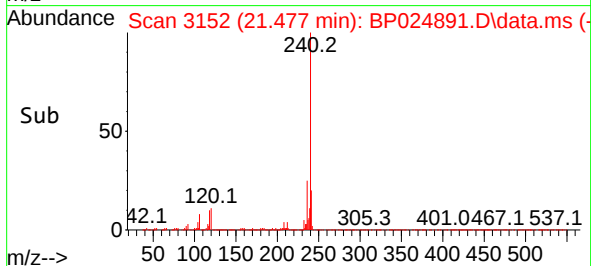
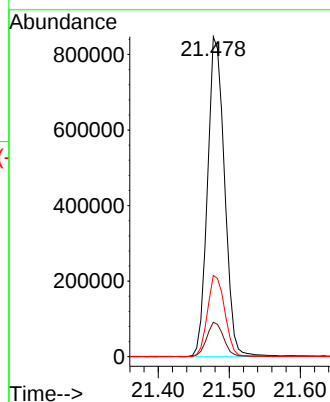
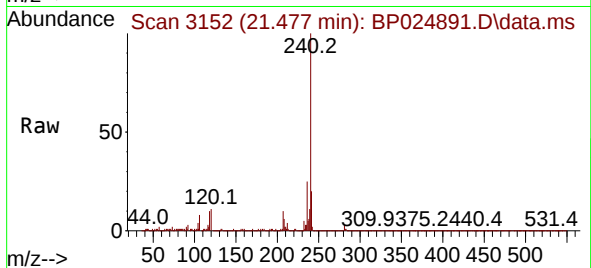
Tgt Ion:240 Resp: 1410325

Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

236 25.4 20.9 31.3



#79

Terphenyl-d14

Concen: 55.780 ng

RT: 19.778 min Scan# 2863

Delta R.T. -0.018 min

Lab File: BP024891.D

Acq: 10 Jun 2025 13:02

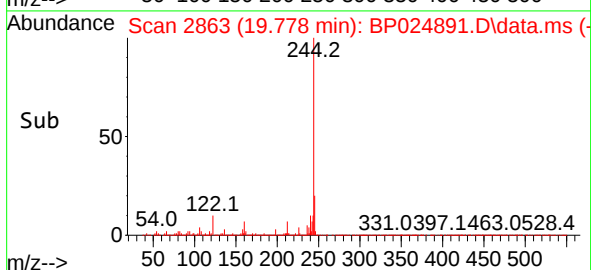
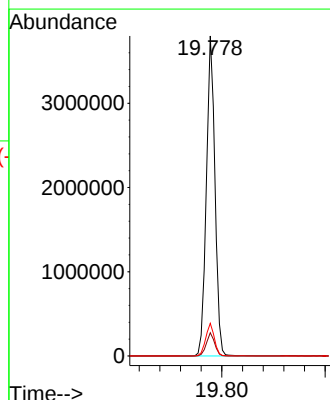
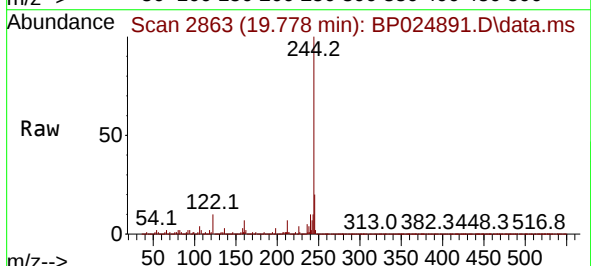
Tgt Ion:244 Resp: 4389324

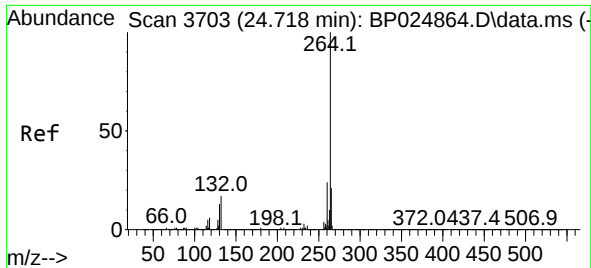
Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 10.2 7.7 11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.736 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP024891.D
Acq: 10 Jun 2025 13:02

Instrument :
BNA_P
ClientSampleId :
WC-3

Tgt Ion:264 Resp: 1643214
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.4
265 21.9 17.4 26.0

