

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
 Data File : BP025018.D
 Acq On : 20 Jun 2025 14:59
 Operator : RC/JU
 Sample : Q2362-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-11

Quant Time: Jun 20 16:15:27 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)

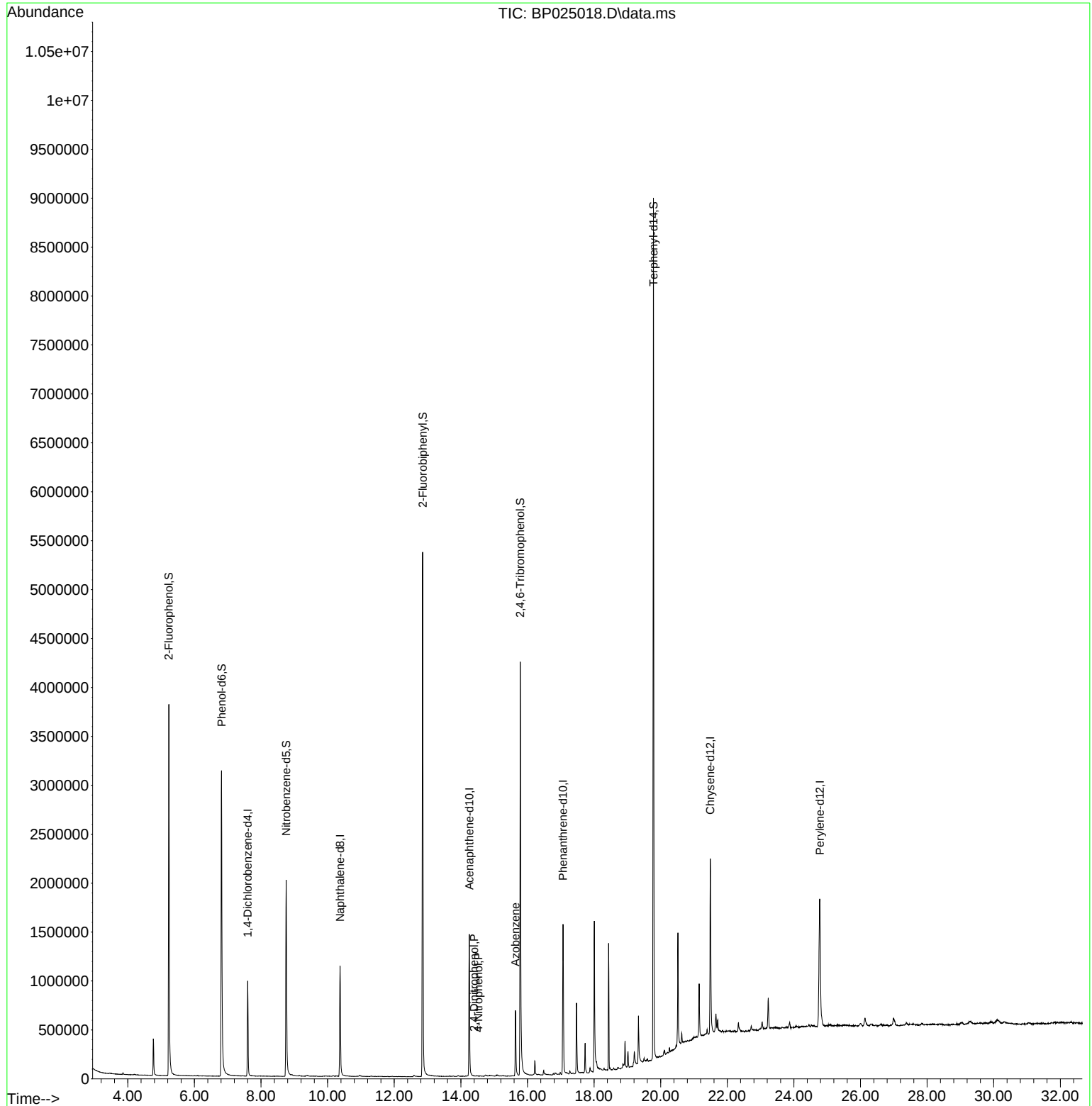
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.602	152	282264	20.000	ng	-0.01
21) Naphthalene-d8	10.372	136	1025938	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	595311	20.000	ng	0.00
64) Phenanthrene-d10	17.066	188	1097445	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1195031	20.000	ng	0.00
86) Perylene-d12	24.777	264	1528308	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.231	112	1876931	110.994	ng	-0.01
7) Phenol-d6	6.814	99	2322203	103.791	ng	0.00
23) Nitrobenzene-d5	8.755	82	1373084	65.035	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	991557	120.474	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	3037441	68.734	ng	0.00
79) Terphenyl-d14	19.783	244	4512948	67.683	ng	-0.01
Target Compounds						Qvalue
54) 2,4-Dinitrophenol	14.395	184	52	5.571	ng	# 1
56) 4-Nitrophenol	14.525	139	35	5.413	ng	# 1
63) Azobenzene	15.637	77	222273	5.537	ng	# 1

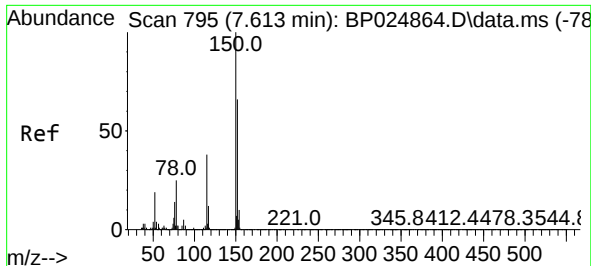
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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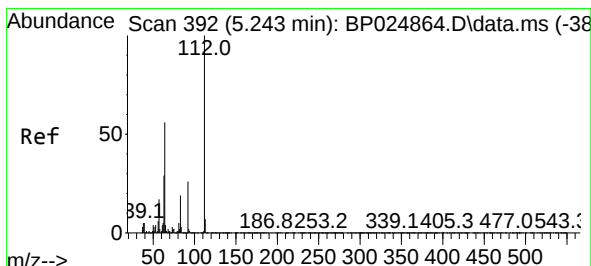
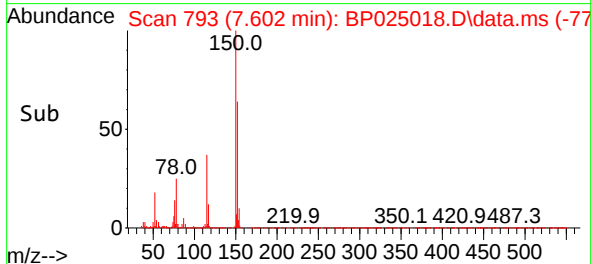
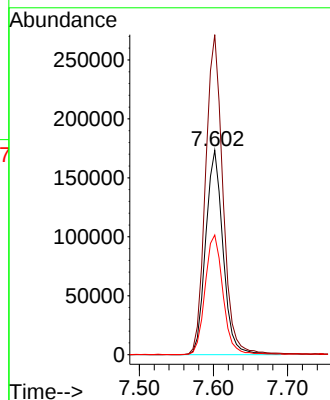
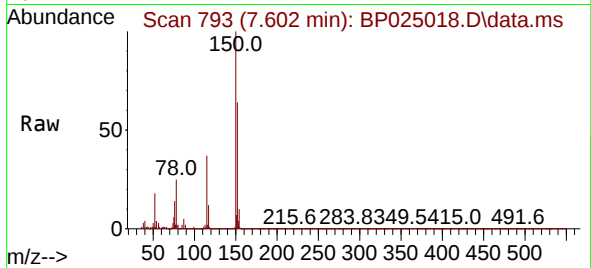




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.602 min Scan# 795
 Delta R.T. -0.011 min
 Lab File: BP025018.D
 Acq: 20 Jun 2025 14:59

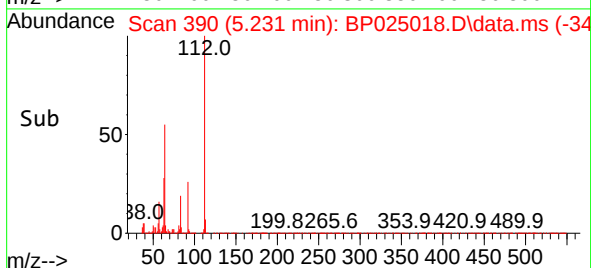
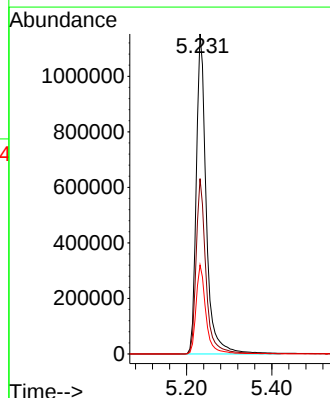
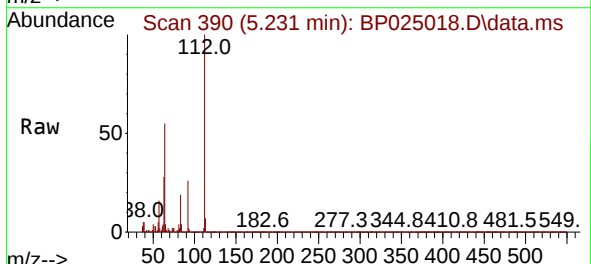
Instrument :
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Tgt Ion:152 Resp: 282264
 Ion Ratio Lower Upper
 152 100
 150 156.7 122.1 183.1
 115 58.6 46.4 69.6



#5
 2-Fluorophenol
 Concen: 110.994 ng
 RT: 5.231 min Scan# 390
 Delta R.T. -0.012 min
 Lab File: BP025018.D
 Acq: 20 Jun 2025 14:59

Tgt Ion:112 Resp: 1876931
 Ion Ratio Lower Upper
 112 100
 64 54.8 44.7 67.1
 63 27.8 23.5 35.3

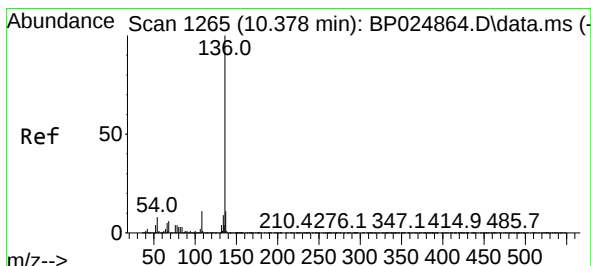
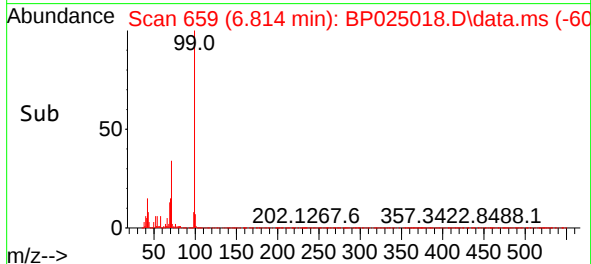
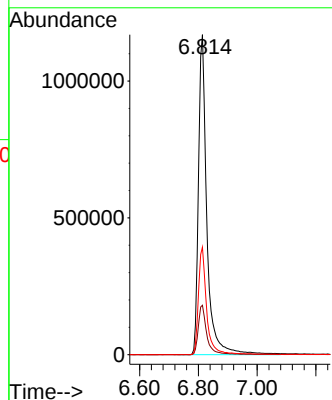
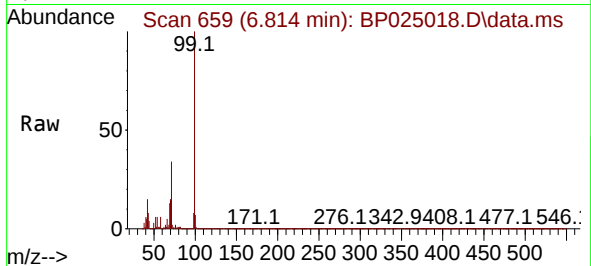




#7
Phenol-d6
Concen: 103.791 ng
RT: 6.814 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025018.D
Acq: 20 Jun 2025 14:59

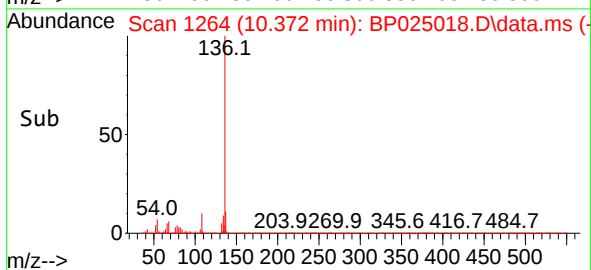
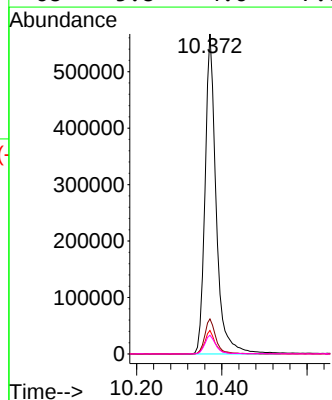
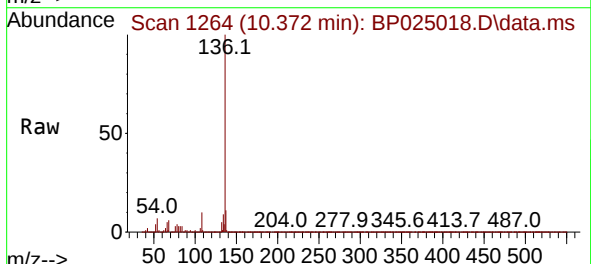
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ClientSampleId :
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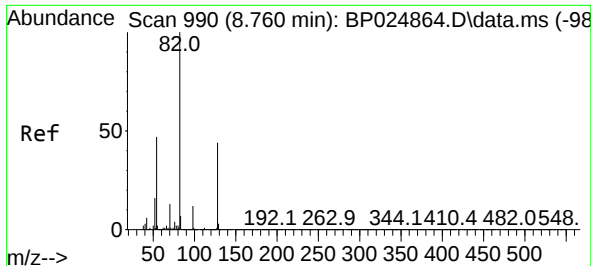
Tgt Ion: 99 Resp: 2322203
Ion Ratio Lower Upper
99 100
42 15.4 13.4 20.2
71 33.6 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.372 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP025018.D
Acq: 20 Jun 2025 14:59

Tgt Ion: 136 Resp: 1025938
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.3 6.1 9.1
68 5.8 4.6 7.0

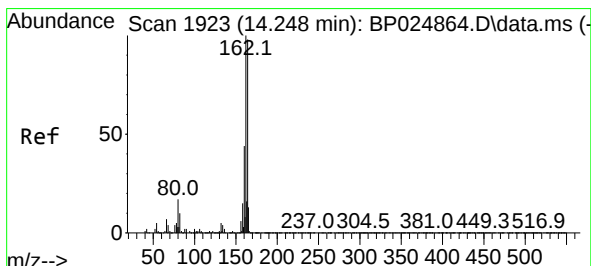
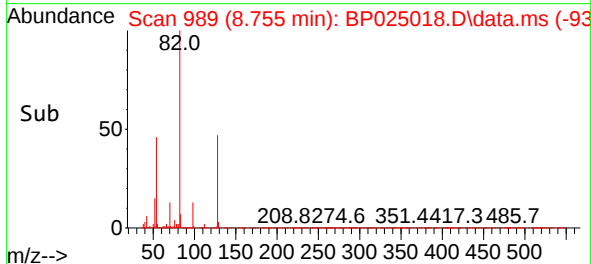
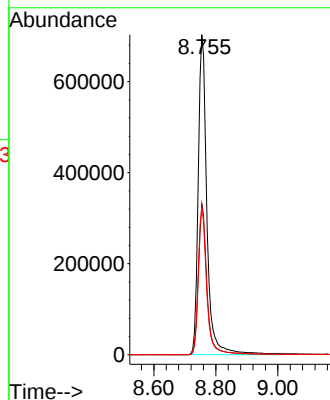
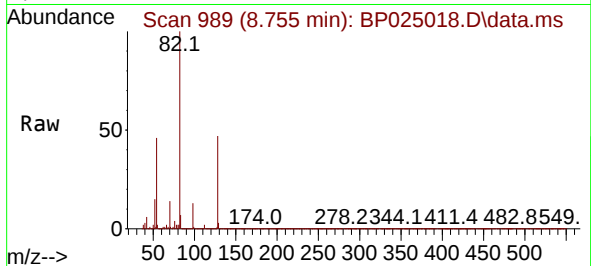




#23
Nitrobenzene-d5
Concen: 65.035 ng
RT: 8.755 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025018.D
Acq: 20 Jun 2025 14:59

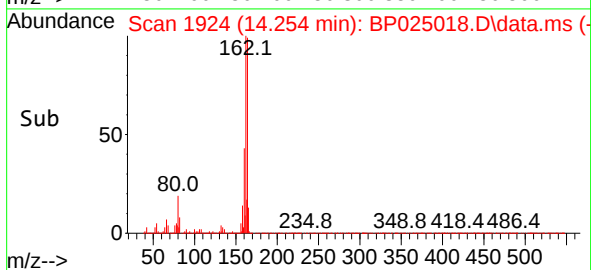
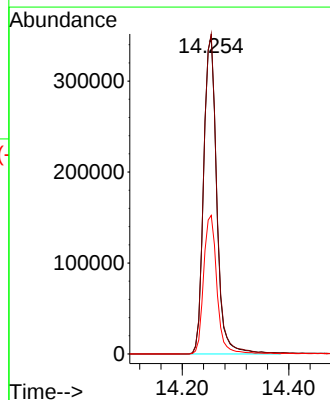
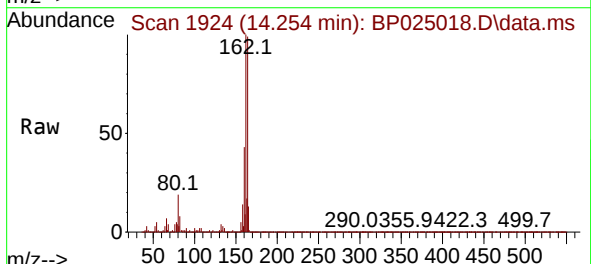
Instrument :
BNA_P
ClientSampleId :
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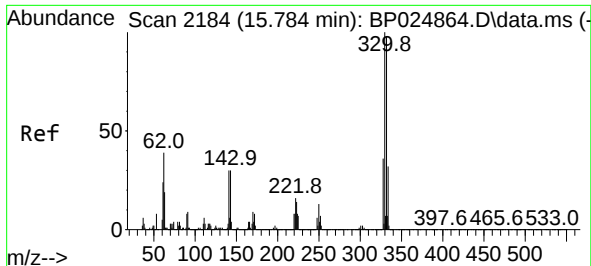
Tgt Ion: 82 Resp: 1373084
Ion Ratio Lower Upper
82 100
128 47.2 35.3 52.9
54 45.8 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP025018.D
Acq: 20 Jun 2025 14:59

Tgt Ion:164 Resp: 595311
Ion Ratio Lower Upper
164 100
162 101.0 81.6 122.4
160 43.7 36.2 54.2

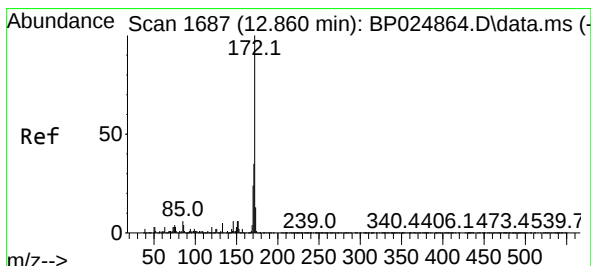
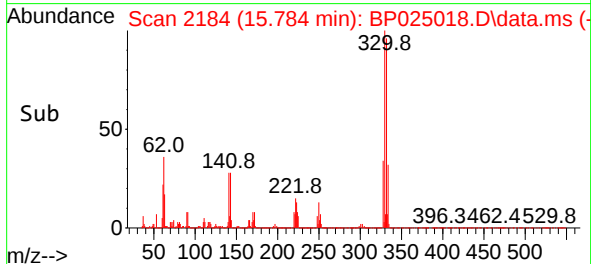
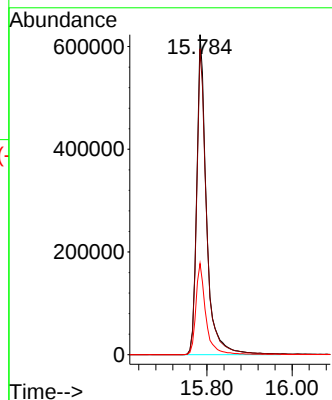
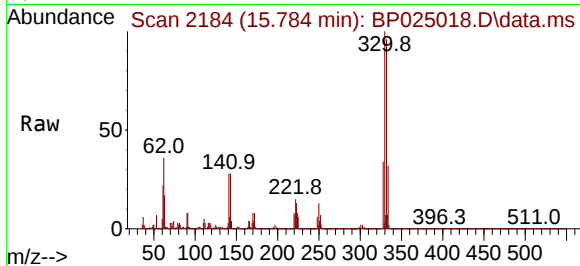




#42
2,4,6-Tribromophenol
Concen: 120.474 ng
RT: 15.784 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BP025018.D
Acq: 20 Jun 2025 14:59

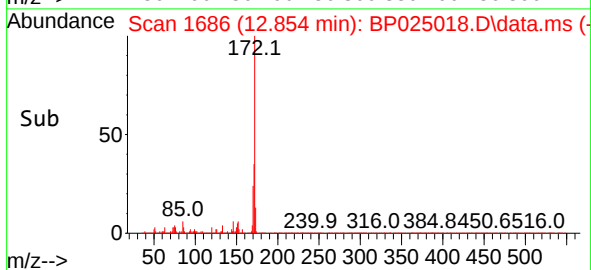
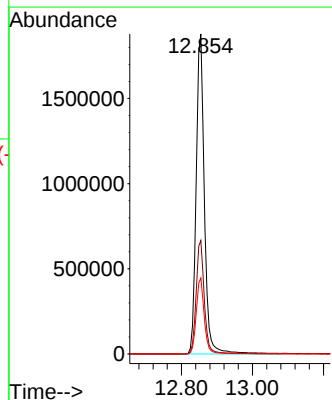
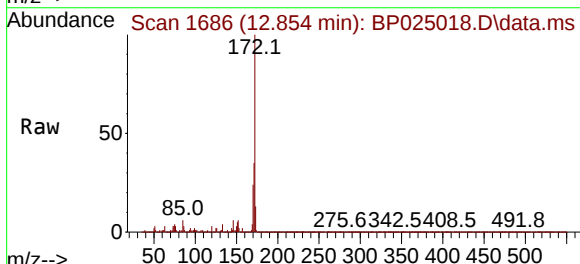
Instrument :
BNA_P
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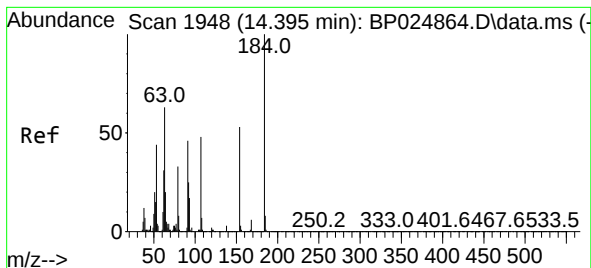
Tgt Ion:330 Resp: 991557
Ion Ratio Lower Upper
330 100
332 96.2 77.7 116.5
141 29.1 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 68.734 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP025018.D
Acq: 20 Jun 2025 14:59

Tgt Ion:172 Resp: 3037441
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.7 19.0 28.4

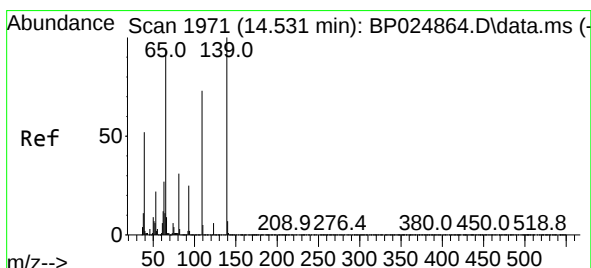
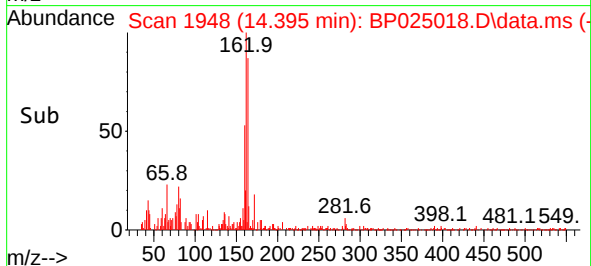
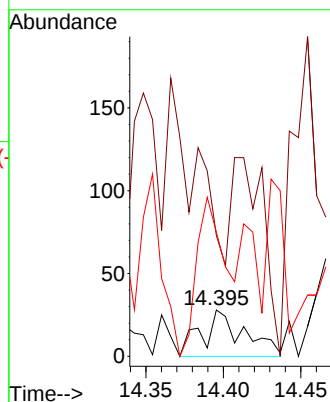
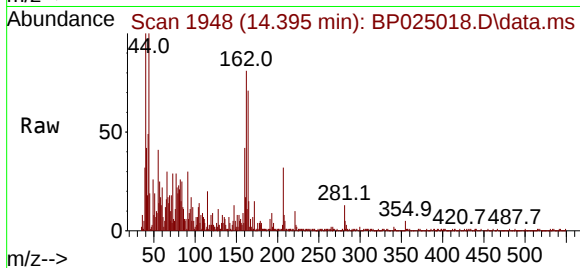




#54
2,4-Dinitrophenol
Concen: 5.571 ng
RT: 14.395 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP025018.D
Acq: 20 Jun 2025 14:59

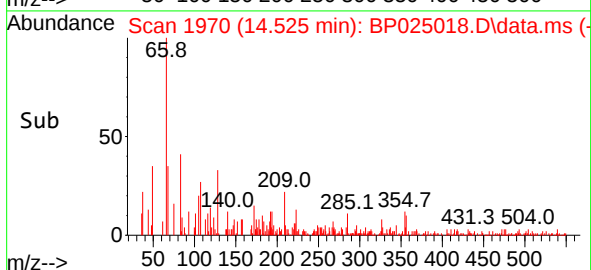
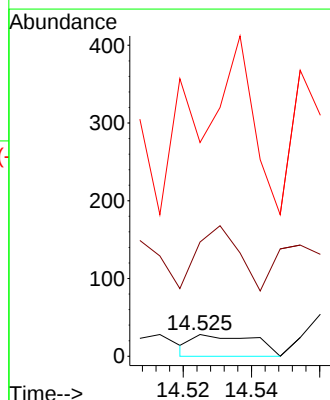
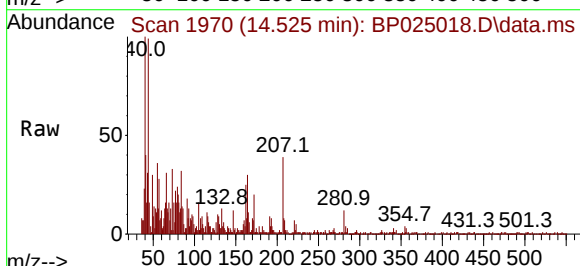
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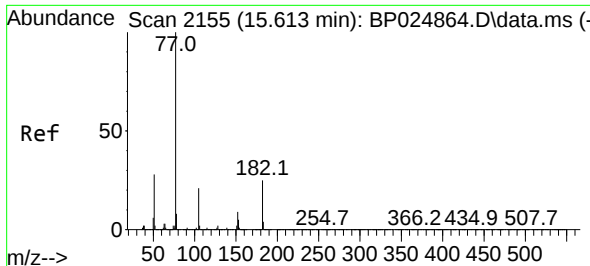
Tgt Ion:184 Resp: 52
Ion Ratio Lower Upper
184 100
63 260.7 51.0 76.4#
154 267.9 51.7 77.5#



#56
4-Nitrophenol
Concen: 5.413 ng
RT: 14.525 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP025018.D
Acq: 20 Jun 2025 14:59

Tgt Ion:139 Resp: 35
Ion Ratio Lower Upper
139 100
109 525.0 53.1 93.1#
65 982.1 73.0 113.0#

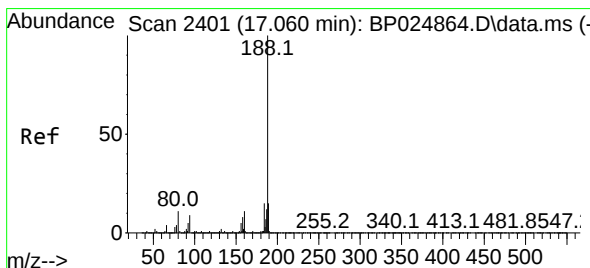
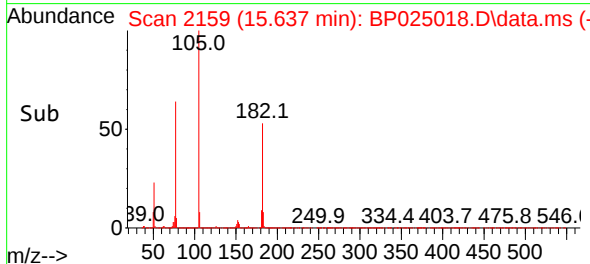
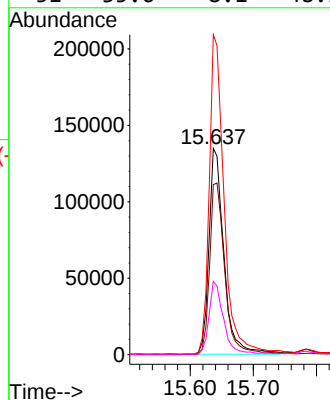
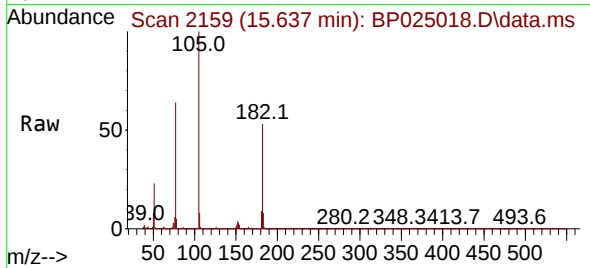




#63
Azobenzene
Concen: 5.537 ng
RT: 15.637 min Scan# 2155
Delta R.T. 0.024 min
Lab File: BP025018.D
Acq: 20 Jun 2025 14:59

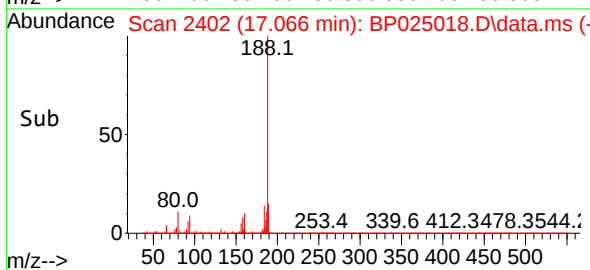
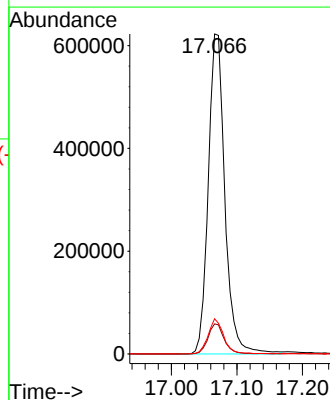
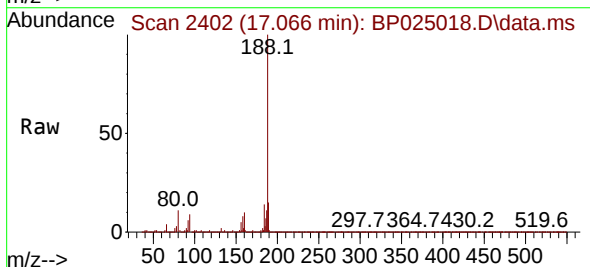
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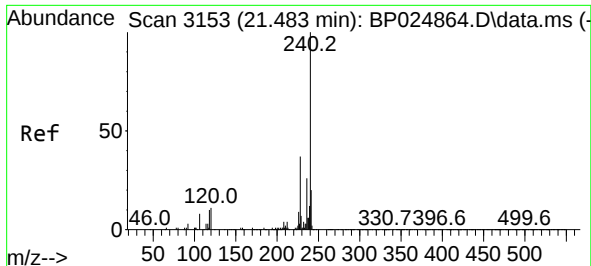
Tgt Ion: 77 Resp: 222273
Ion Ratio Lower Upper
77 100
182 82.4 5.4 45.4#
105 155.2 0.8 40.8#
51 35.6 8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.066 min Scan# 2402
Delta R.T. 0.006 min
Lab File: BP025018.D
Acq: 20 Jun 2025 14:59

Tgt Ion: 188 Resp: 1097445
Ion Ratio Lower Upper
188 100
94 9.4 7.3 10.9
80 11.0 8.5 12.7

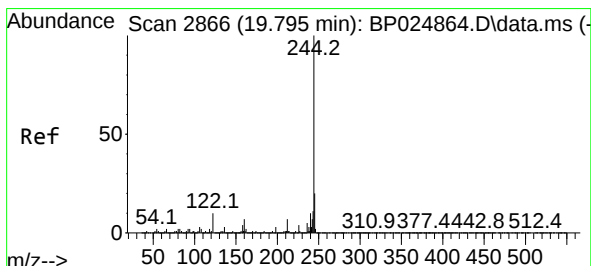
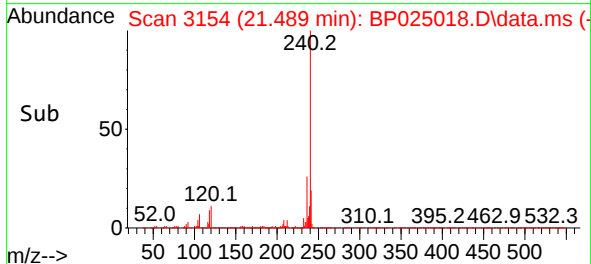
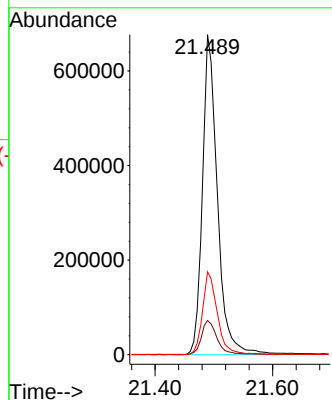
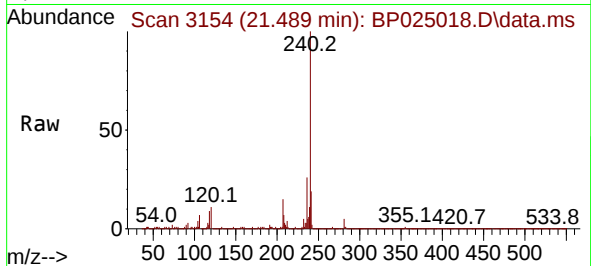




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3153
Delta R.T. 0.006 min
Lab File: BP025018.D
Acq: 20 Jun 2025 14:59

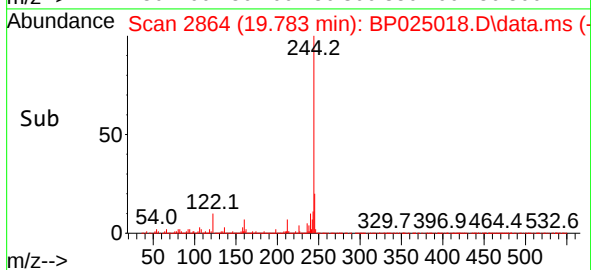
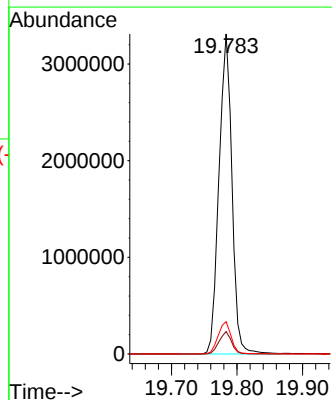
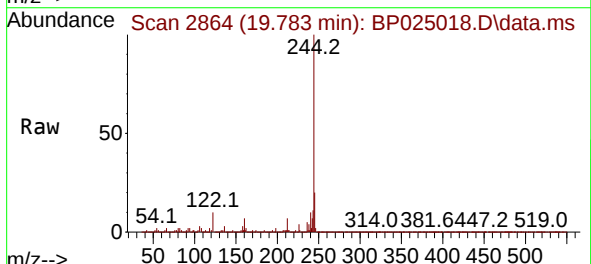
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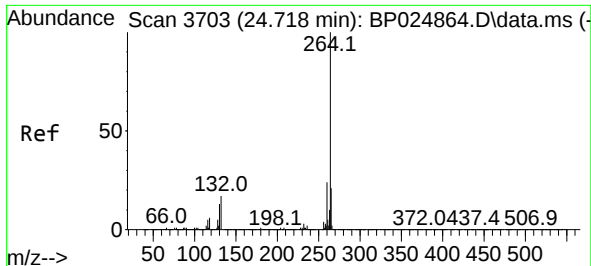
Tgt Ion:240 Resp: 1195031
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 25.9 20.9 31.3



#79
Terphenyl-d14
Concen: 67.683 ng
RT: 19.783 min Scan# 2864
Delta R.T. -0.012 min
Lab File: BP025018.D
Acq: 20 Jun 2025 14:59

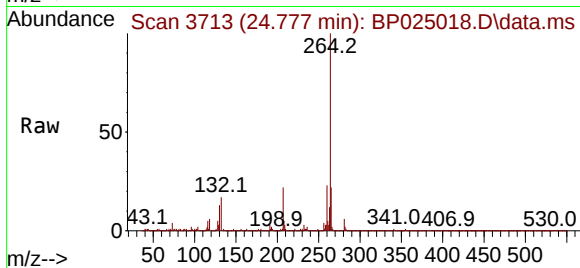
Tgt Ion:244 Resp: 4512948
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 10.1 7.7 11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.777 min Scan# 31
Delta R.T. 0.059 min
Lab File: BP025018.D
Acq: 20 Jun 2025 14:59

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:264 Resp: 1528308
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.4
265 22.0 17.4 26.0

