

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
 Data File : BP024961.D
 Acq On : 16 Jun 2025 15:02
 Operator : RC/JU
 Sample : Q2312-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1

Quant Time: Jun 16 15:32:45 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)

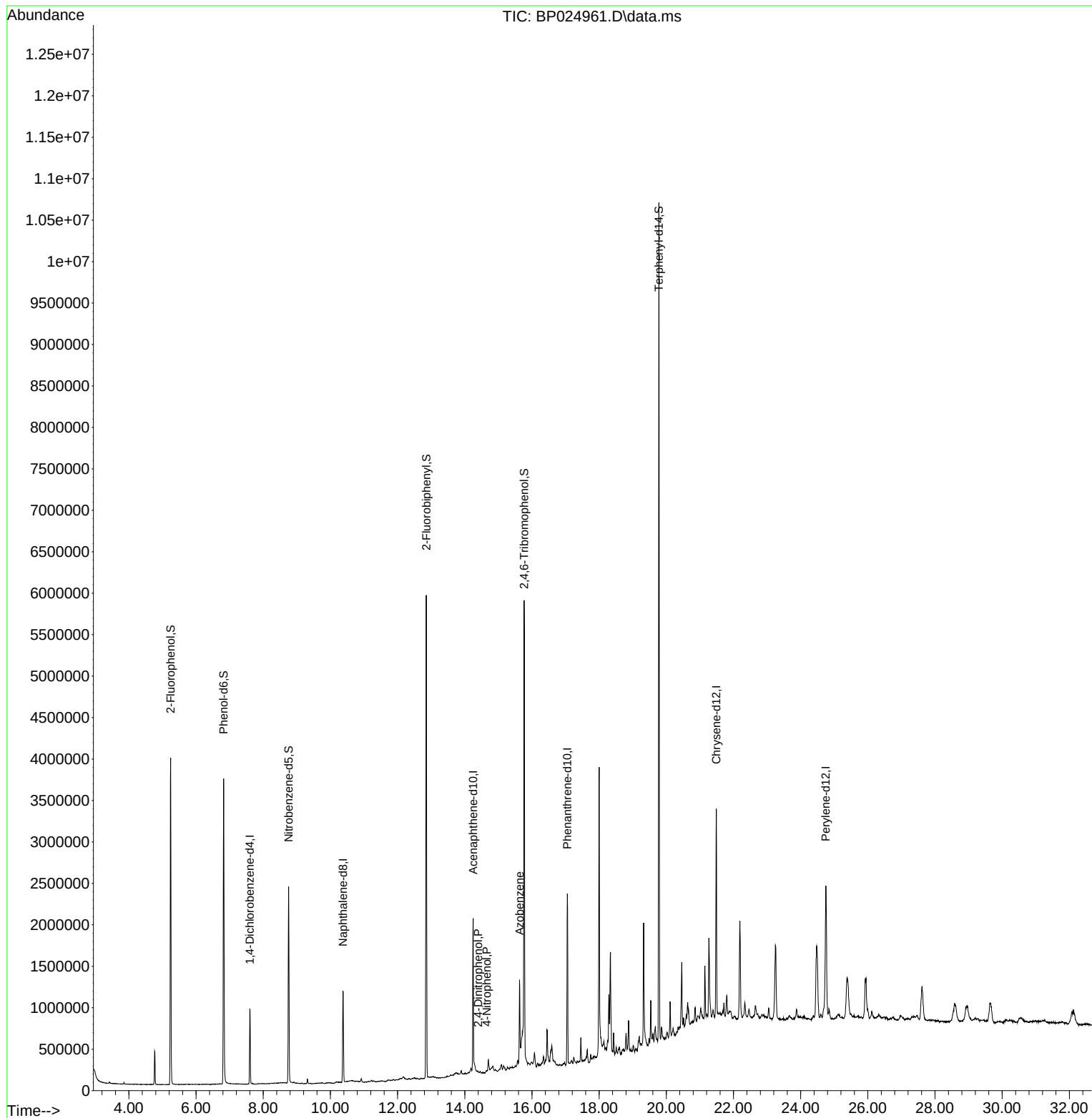
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.602	152	244922	20.000	ng	-0.01
21) Naphthalene-d8	10.372	136	967558	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	626934	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1285684	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1447428	20.000	ng	0.00
86) Perylene-d12	24.748	264	1675847	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1775930	121.034	ng	0.00
7) Phenol-d6	6.819	99	2291761	118.047	ng	0.00
23) Nitrobenzene-d5	8.754	82	1388628	69.740	ng	0.00
42) 2,4,6-Tribromophenol	15.772	330	1129236	130.281	ng	-0.01
45) 2-Fluorobiphenyl	12.854	172	2964234	63.694	ng	0.00
79) Terphenyl-d14	19.777	244	4889227	60.540	ng	-0.02
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.401	184	83	5.575	ng	# 1
56) 4-Nitrophenol	14.654	139	2803	5.708	ng	95
63) Azobenzene	15.631	77	251508	5.950	ng	# 1

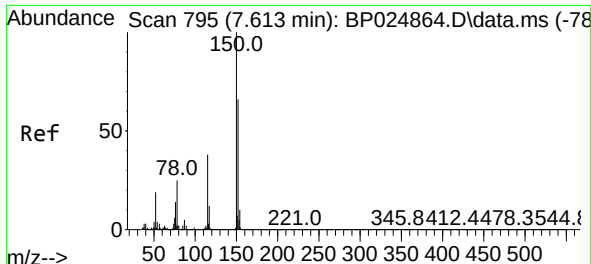
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 06 16:20:27 2025
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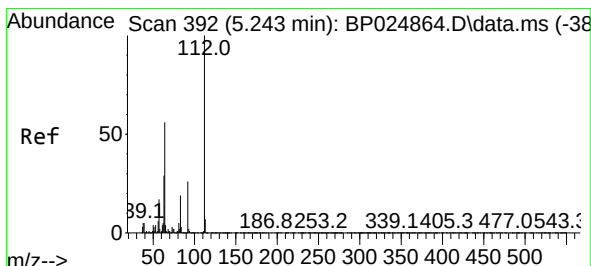
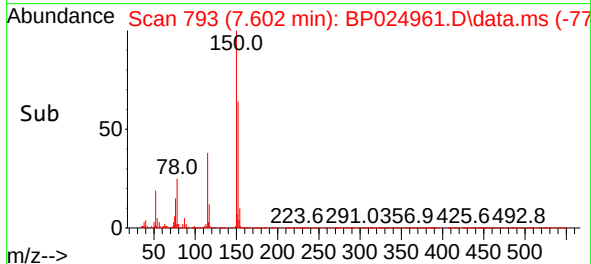
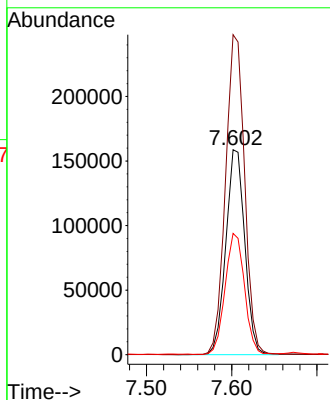
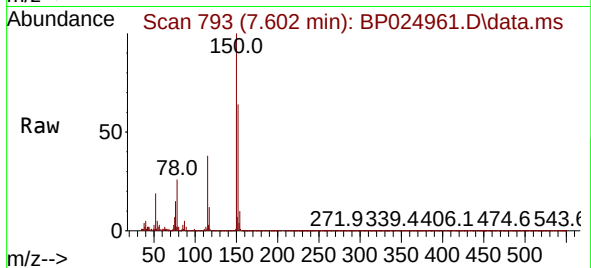




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.602 min Scan# 795
Delta R.T. -0.011 min
Lab File: BP024961.D
Acq: 16 Jun 2025 15:02

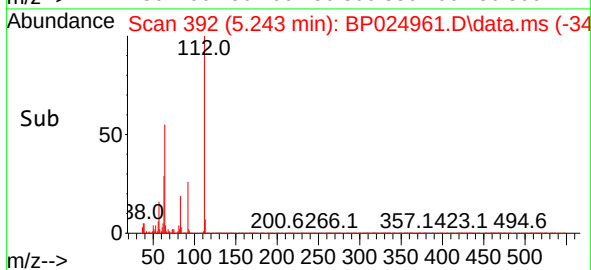
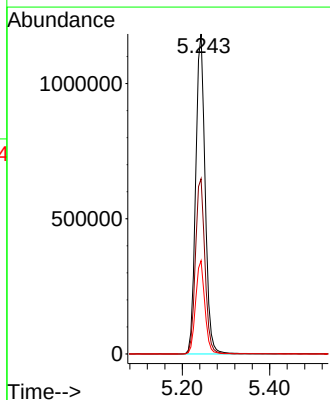
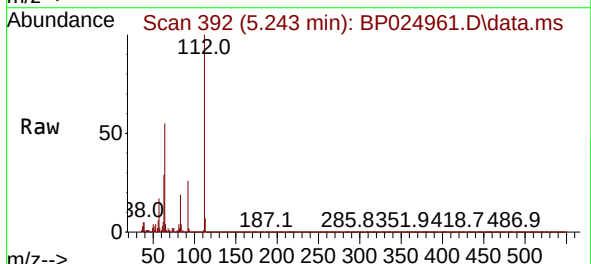
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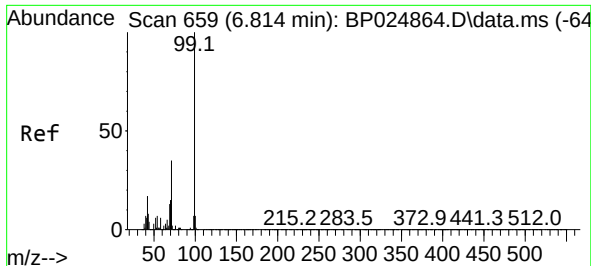
Tgt Ion:152 Resp: 244922
Ion Ratio Lower Upper
152 100
150 156.2 122.1 183.1
115 59.2 46.4 69.6



#5
2-Fluorophenol
Concen: 121.034 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024961.D
Acq: 16 Jun 2025 15:02

Tgt Ion:112 Resp: 1775930
Ion Ratio Lower Upper
112 100
64 54.7 44.7 67.1
63 29.2 23.5 35.3

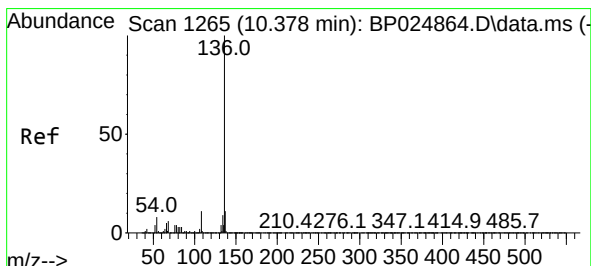
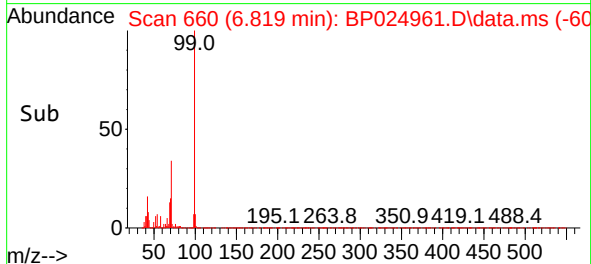
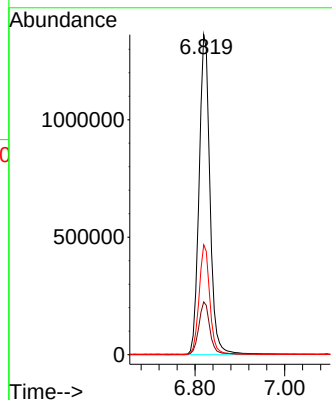
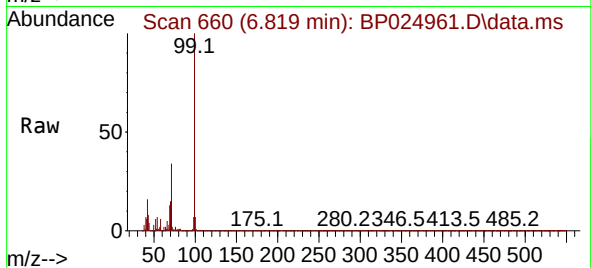




#7
Phenol-d6
Concen: 118.047 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024961.D
Acq: 16 Jun 2025 15:02

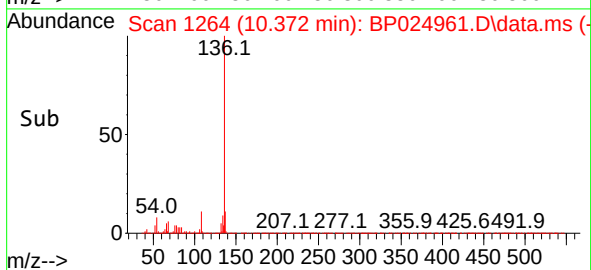
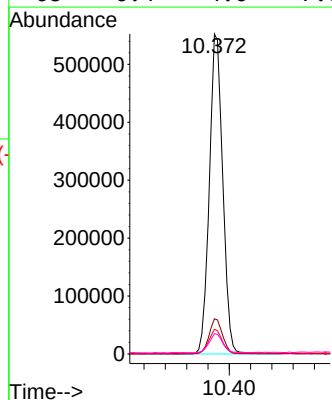
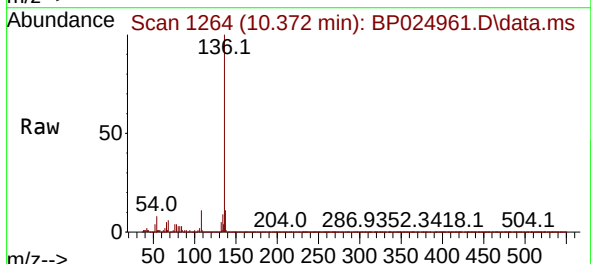
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BNA_P
ClientSampleId :
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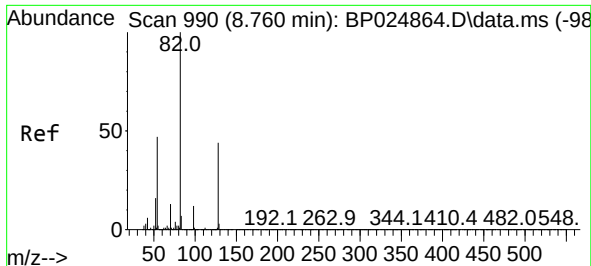
Tgt Ion: 99 Resp: 2291761
Ion Ratio Lower Upper
99 100
42 16.5 13.4 20.2
71 34.4 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.372 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP024961.D
Acq: 16 Jun 2025 15:02

Tgt Ion: 136 Resp: 967558
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.7 6.1 9.1
68 6.4 4.6 7.0

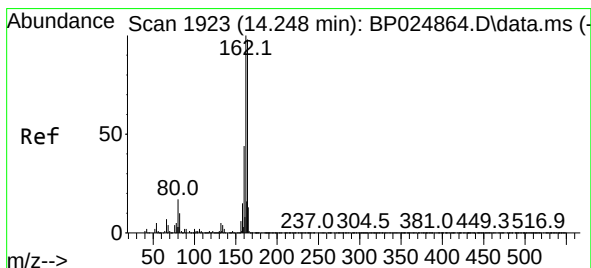
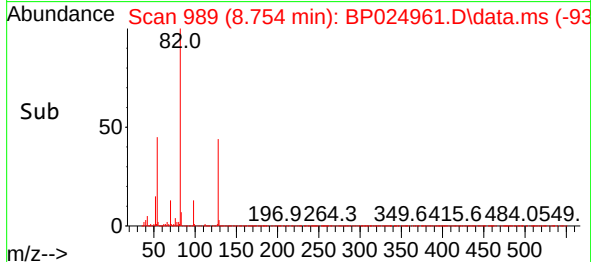
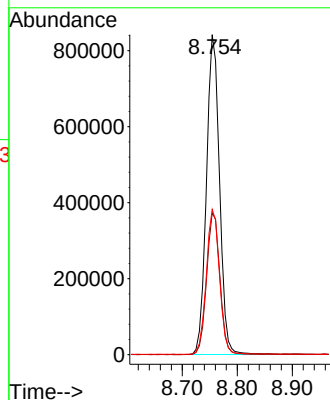
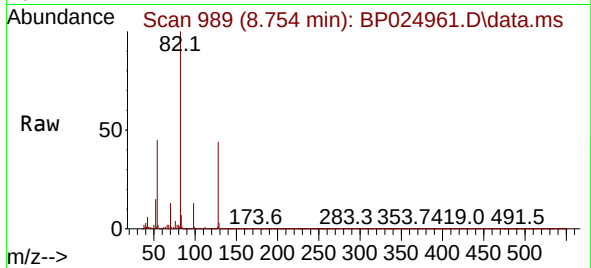




#23
Nitrobenzene-d5
Concen: 69.740 ng
RT: 8.754 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024961.D
Acq: 16 Jun 2025 15:02

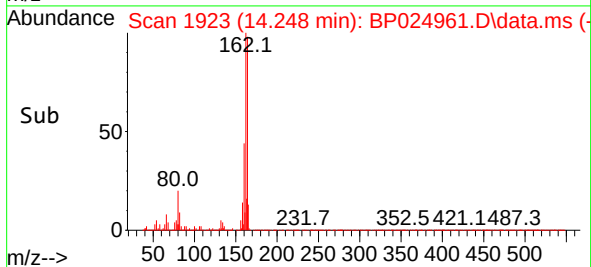
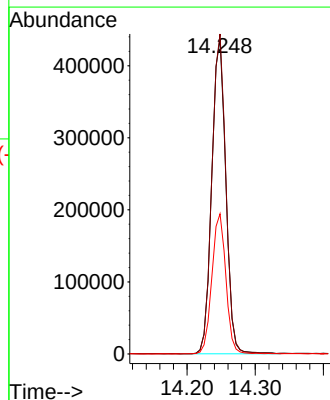
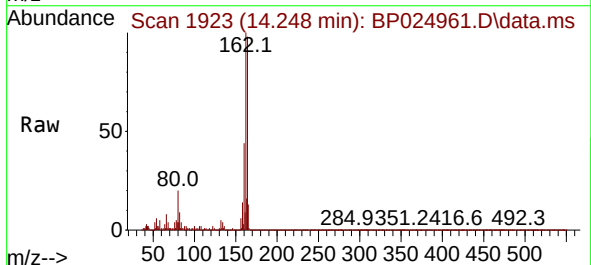
Instrument :
BNA_P
ClientSampleId :
TP-1

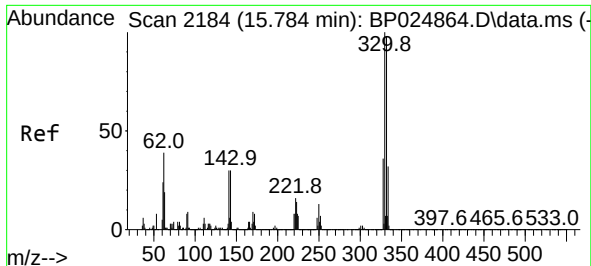
Tgt Ion: 82 Resp: 1388628
Ion Ratio Lower Upper
82 100
128 44.2 35.3 52.9
54 45.4 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP024961.D
Acq: 16 Jun 2025 15:02

Tgt Ion:164 Resp: 626934
Ion Ratio Lower Upper
164 100
162 101.6 81.6 122.4
160 44.5 36.2 54.2

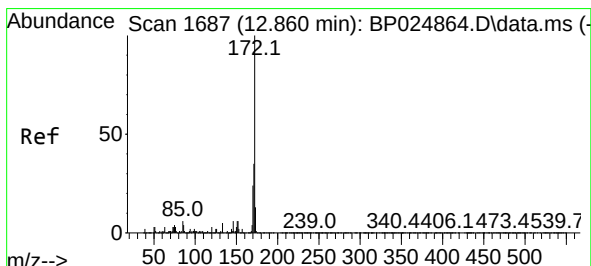
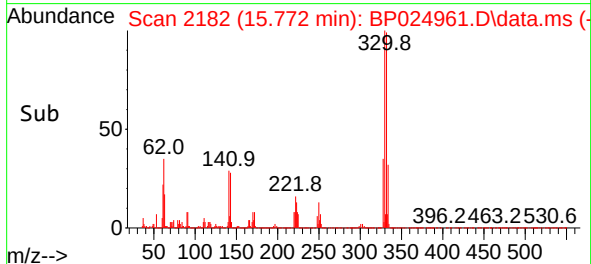
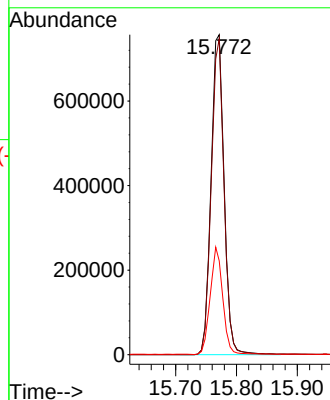
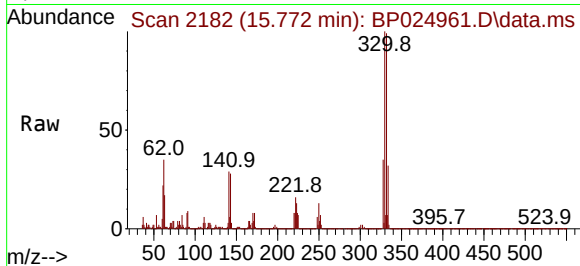




#42
2,4,6-Tribromophenol
Concen: 130.281 ng
RT: 15.772 min Scan# 2184
Delta R.T. -0.012 min
Lab File: BP024961.D
Acq: 16 Jun 2025 15:02

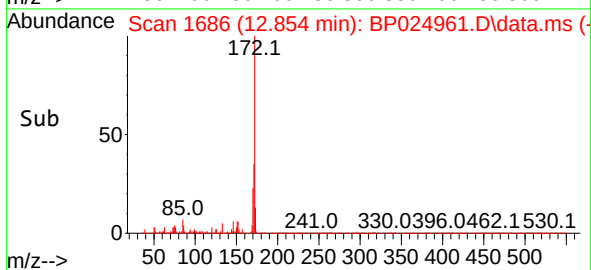
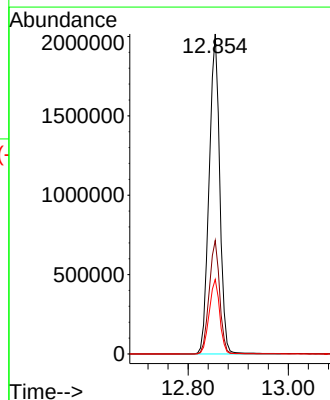
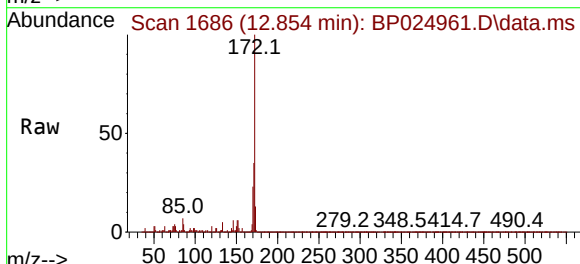
Instrument :
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ClientSampleId :
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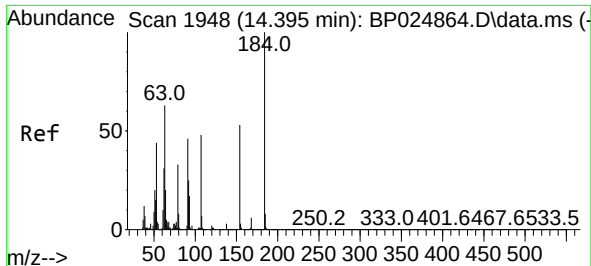
Tgt Ion:330 Resp: 1129236
Ion Ratio Lower Upper
330 100
332 96.4 77.7 116.5
141 32.3 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 63.694 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP024961.D
Acq: 16 Jun 2025 15:02

Tgt Ion:172 Resp: 2964234
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.3 19.0 28.4

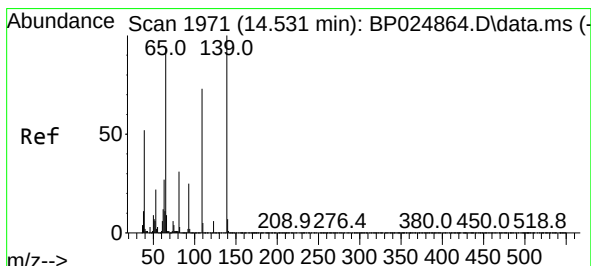
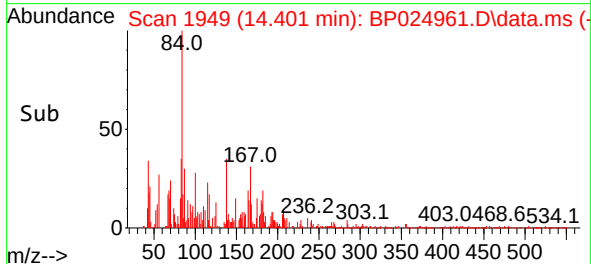
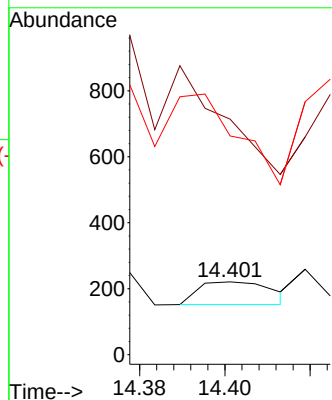
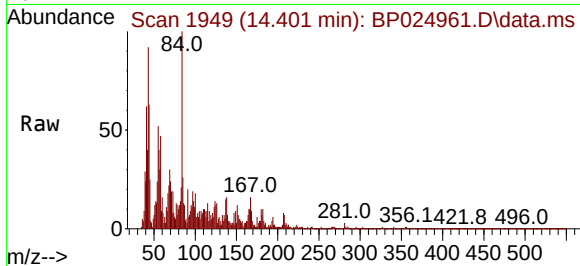




#54
2,4-Dinitrophenol
Concen: 5.575 ng
RT: 14.401 min Scan# 1948
Delta R.T. 0.006 min
Lab File: BP024961.D
Acq: 16 Jun 2025 15:02

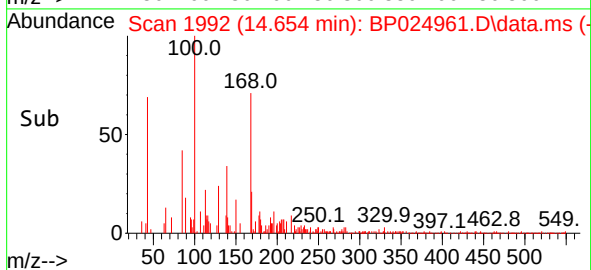
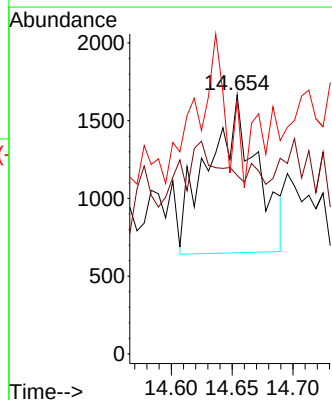
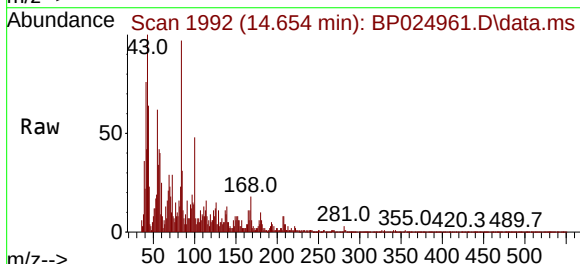
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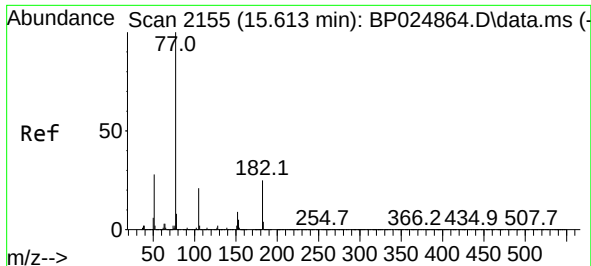
Tgt Ion:184 Resp: 83
Ion Ratio Lower Upper
184 100
63 323.1 51.0 76.4#
154 300.0 51.7 77.5#



#56
4-Nitrophenol
Concen: 5.708 ng
RT: 14.654 min Scan# 1992
Delta R.T. 0.123 min
Lab File: BP024961.D
Acq: 16 Jun 2025 15:02

Tgt Ion:139 Resp: 2803
Ion Ratio Lower Upper
139 100
109 68.9 53.1 93.1
65 97.8 73.0 113.0

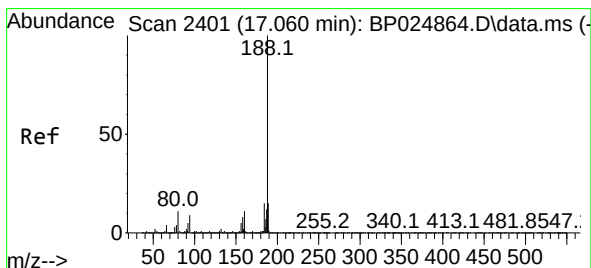
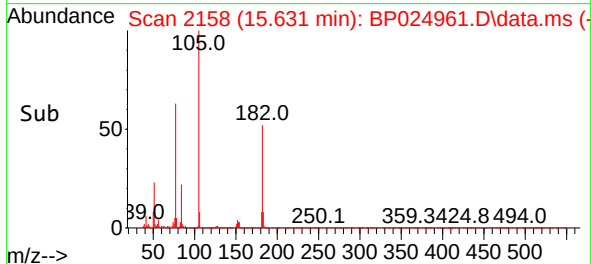
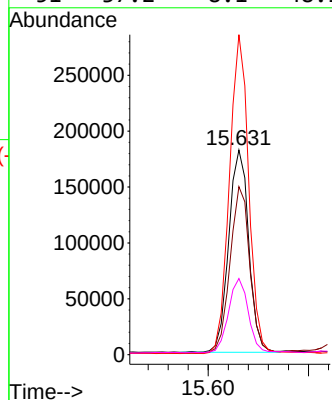
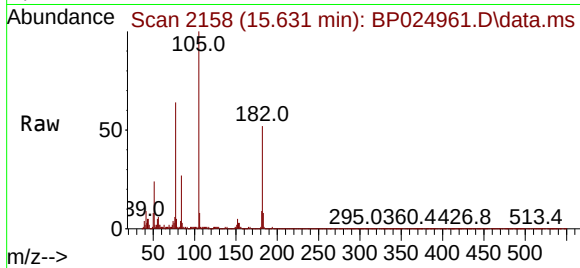




#63
Azobenzene
Concen: 5.950 ng
RT: 15.631 min Scan# 2155
Delta R.T. 0.017 min
Lab File: BP024961.D
Acq: 16 Jun 2025 15:02

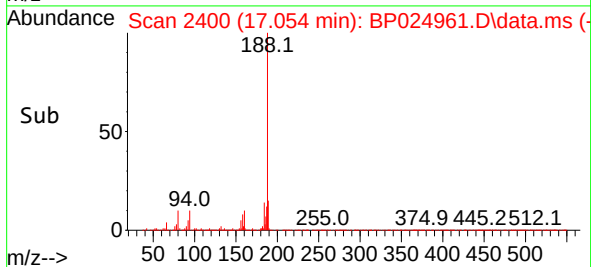
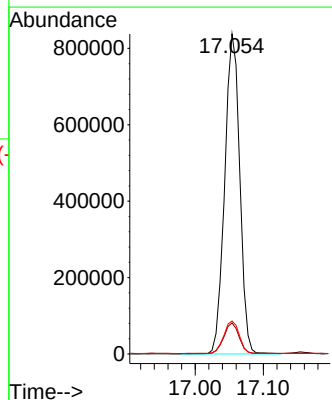
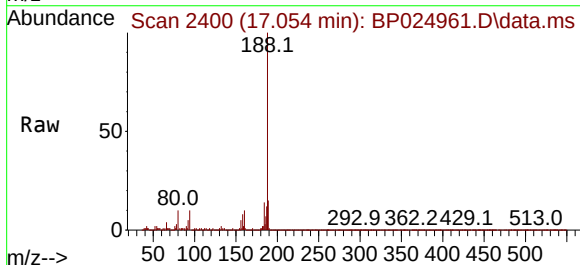
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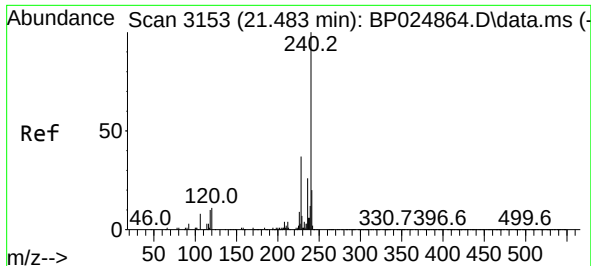
Tgt Ion: 77 Resp: 251508
Ion Ratio Lower Upper
77 100
182 82.1 5.4 45.4#
105 156.4 0.8 40.8#
51 37.2 8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.054 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BP024961.D
Acq: 16 Jun 2025 15:02

Tgt Ion: 188 Resp: 1285684
Ion Ratio Lower Upper
188 100
94 9.7 7.3 10.9
80 10.3 8.5 12.7

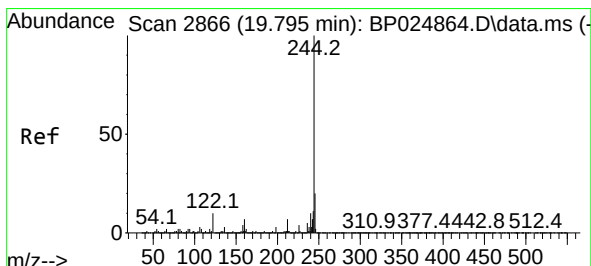
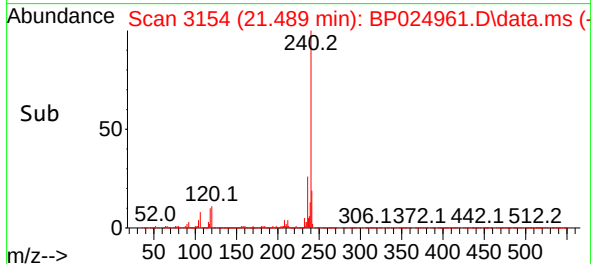
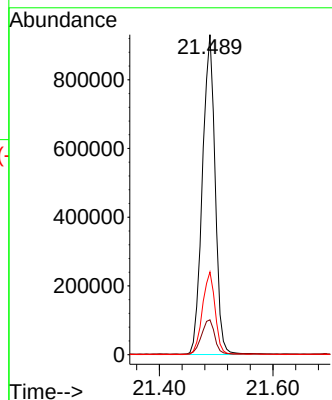
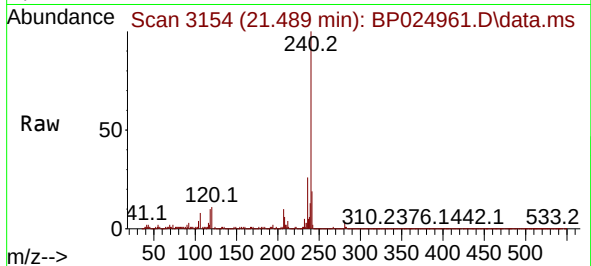




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3153
Delta R.T. 0.006 min
Lab File: BP024961.D
Acq: 16 Jun 2025 15:02

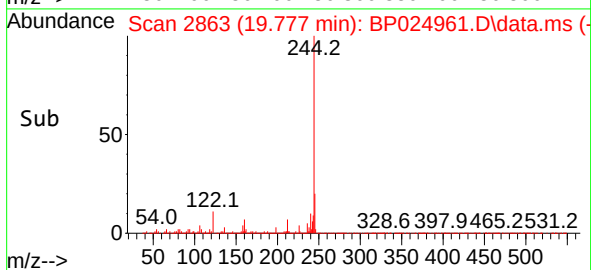
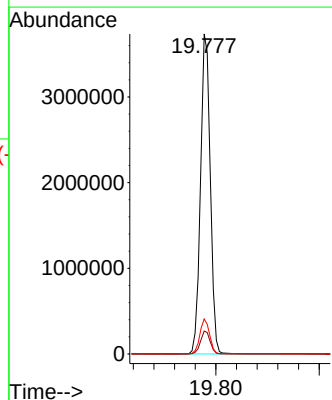
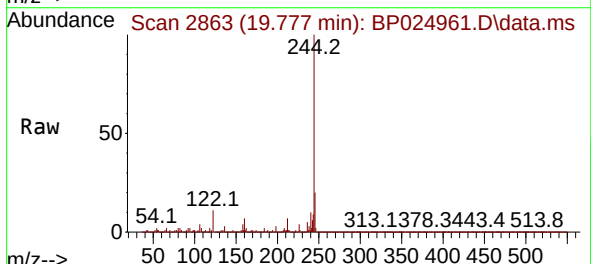
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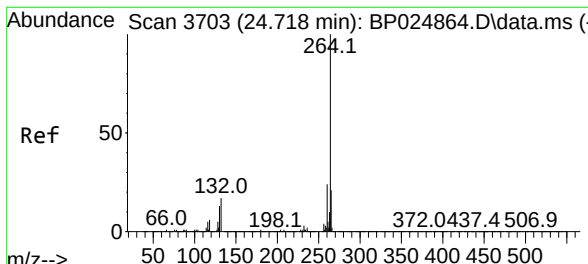
Tgt Ion:240 Resp: 1447428
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.9 20.9 31.3



#79
Terphenyl-d14
Concen: 60.540 ng
RT: 19.777 min Scan# 2863
Delta R.T. -0.018 min
Lab File: BP024961.D
Acq: 16 Jun 2025 15:02

Tgt Ion:244 Resp: 4889227
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 10.9 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.748 min Scan# 31
 Delta R.T. 0.029 min
 Lab File: BP024961.D
 Acq: 16 Jun 2025 15:02

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:264 Resp: 1675847

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	22.4	17.4	26.0

