

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
 Data File : BP024906.D
 Acq On : 11 Jun 2025 10:50
 Operator : RC/JU
 Sample : PB168300BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168300BL

Quant Time: Jun 11 11:13:07 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)

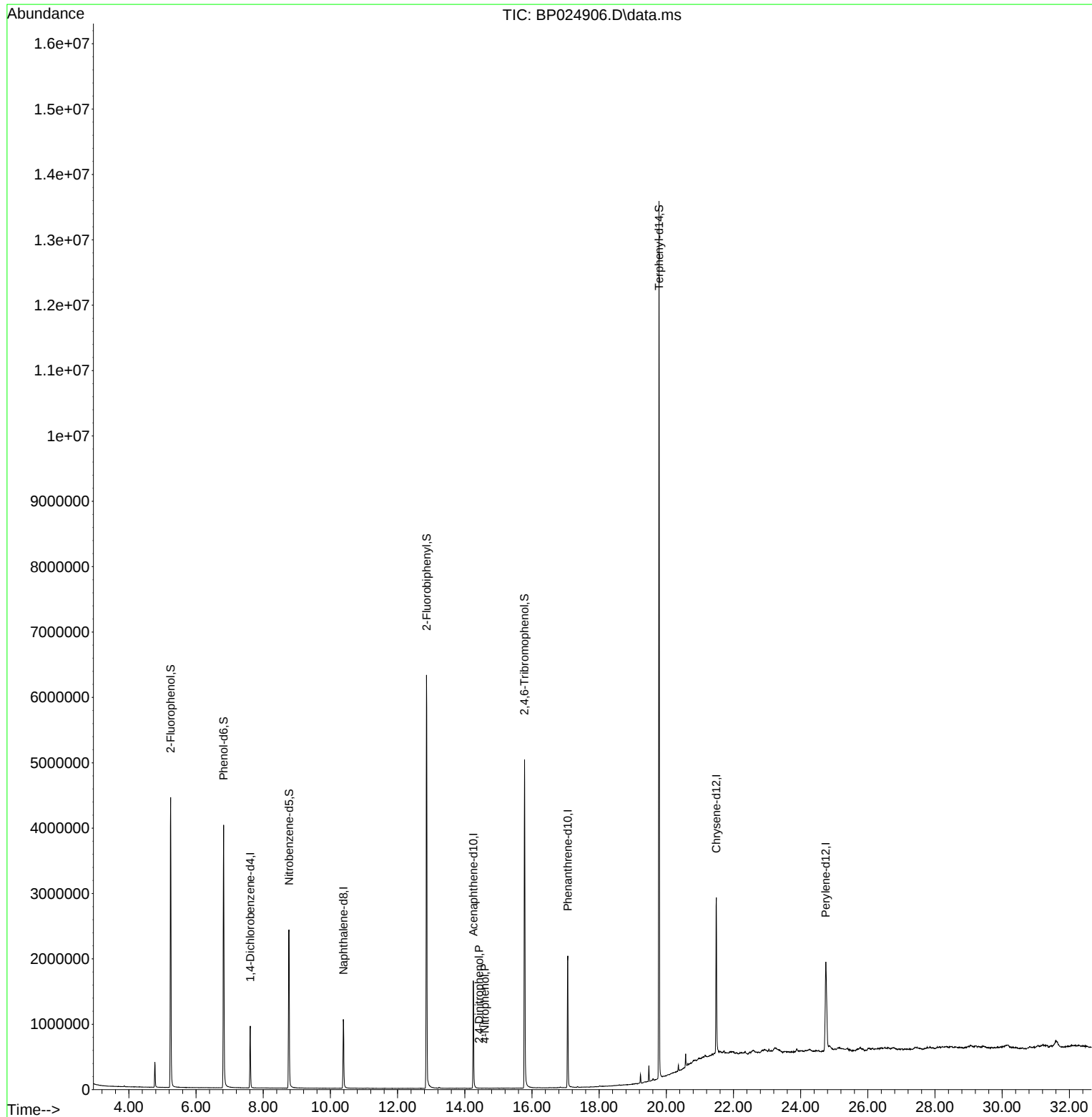
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	253698	20.000	ng	0.00
21) Naphthalene-d8	10.384	136	948256	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	596004	20.000	ng	0.00
64) Phenanthrene-d10	17.066	188	1216143	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1397582	20.000	ng	0.00
86) Perylene-d12	24.748	264	1605439	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2039524	134.190	ng	0.00
7) Phenol-d6	6.819	99	2520708	125.349	ng	0.00
23) Nitrobenzene-d5	8.766	82	1544165	79.130	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	1154951	140.163	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	3390280	76.629	ng	0.00
79) Terphenyl-d14	19.783	244	6166701	79.081	ng	-0.01
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.425	184	19	5.566	ng	# 1
56) 4-Nitrophenol	14.595	139	74	5.417	ng	88

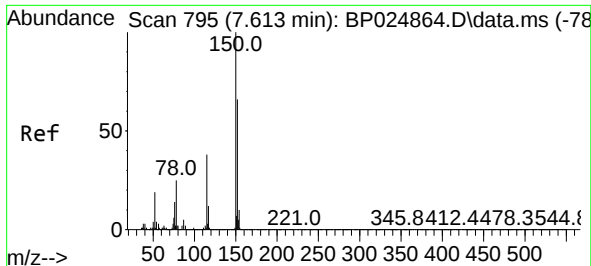
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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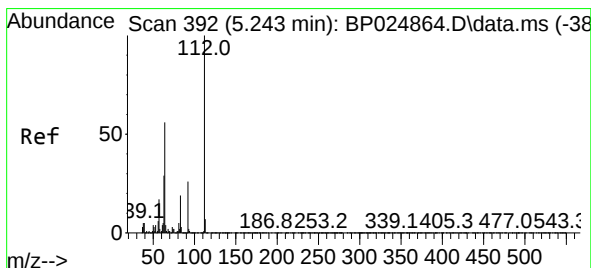
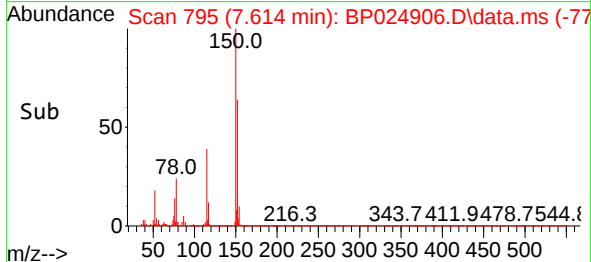
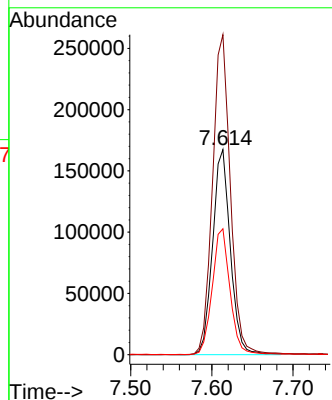
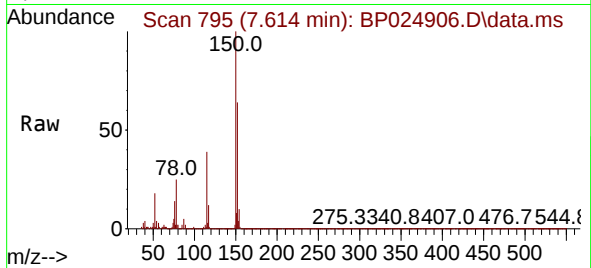




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.614 min Scan# 795
Delta R.T. 0.001 min
Lab File: BP024906.D
Acq: 11 Jun 2025 10:50

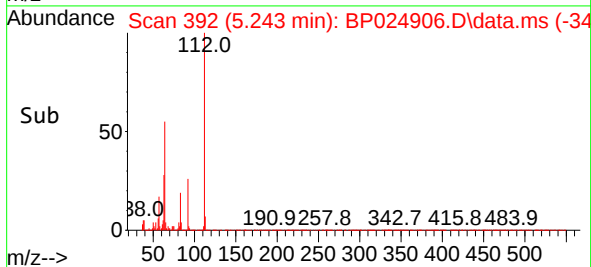
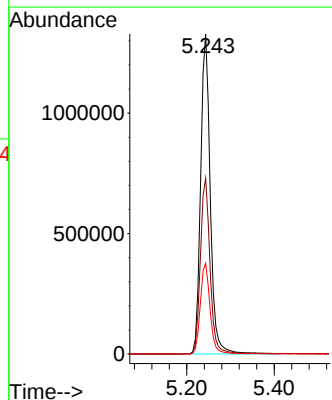
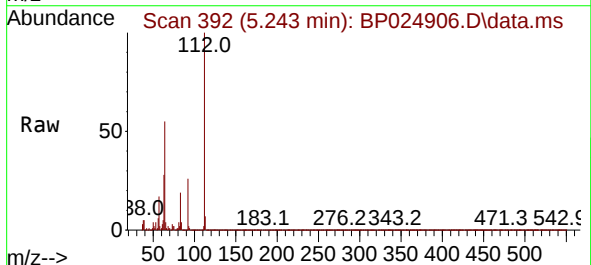
Instrument :
BNA_P
ClientSampleId :
PB168300BL

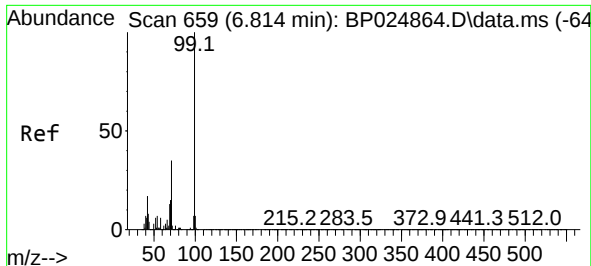
Tgt Ion:152 Resp: 253698
Ion Ratio Lower Upper
152 100
150 155.9 122.1 183.1
115 61.4 46.4 69.6



#5
2-Fluorophenol
Concen: 134.190 ng
RT: 5.243 min Scan# 392
Delta R.T. 0.000 min
Lab File: BP024906.D
Acq: 11 Jun 2025 10:50

Tgt Ion:112 Resp: 2039524
Ion Ratio Lower Upper
112 100
64 54.9 44.7 67.1
63 28.4 23.5 35.3



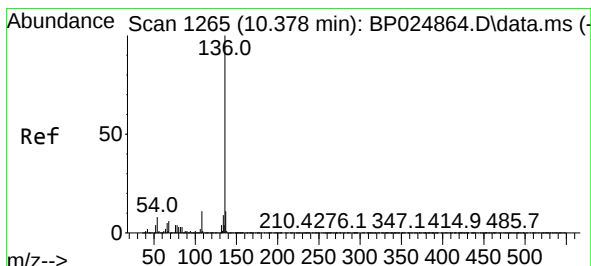
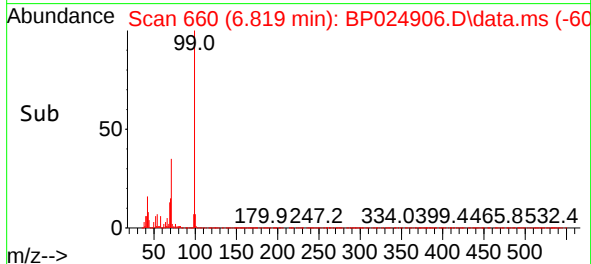
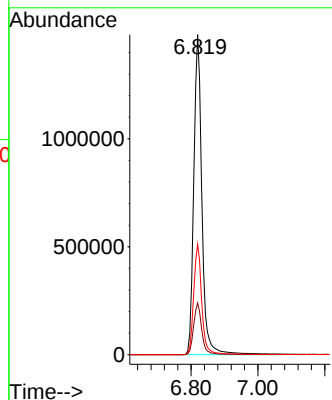
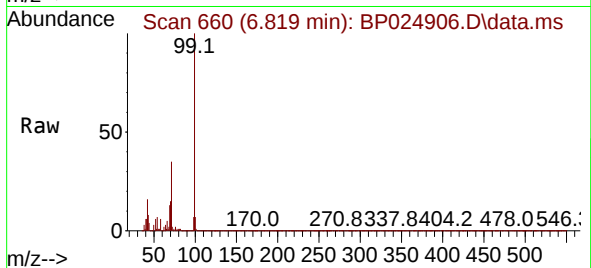


#7
Phenol-d6
Concen: 125.349 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024906.D
Acq: 11 Jun 2025 10:50

Instrument :
BNA_P
ClientSampleId :
PB168300BL

Tgt Ion: 99 Resp: 2520708

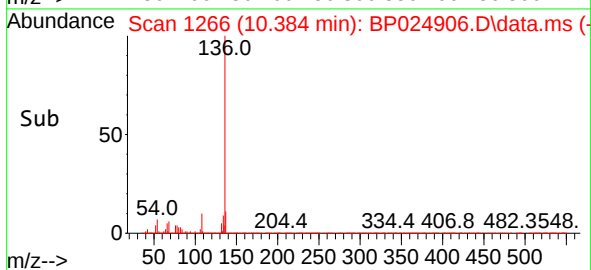
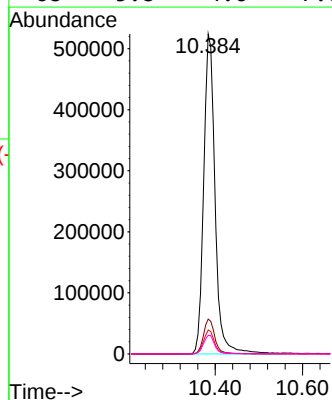
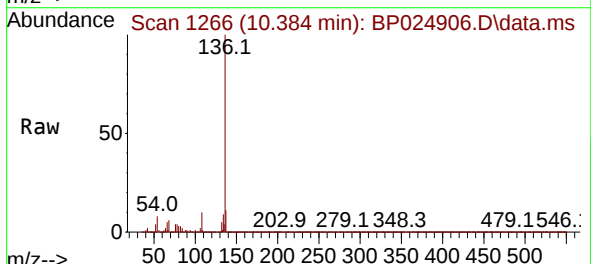
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.4	20.2
71	34.5	27.6	41.4

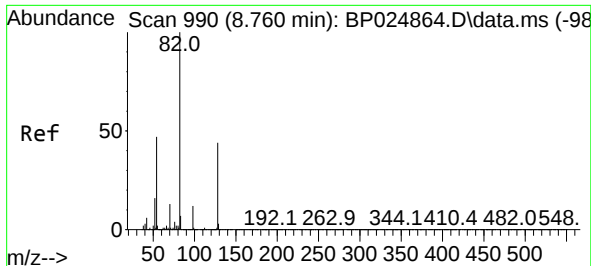


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.384 min Scan# 1266
Delta R.T. 0.006 min
Lab File: BP024906.D
Acq: 11 Jun 2025 10:50

Tgt Ion: 136 Resp: 948256

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.5	6.1	9.1
68	5.8	4.6	7.0

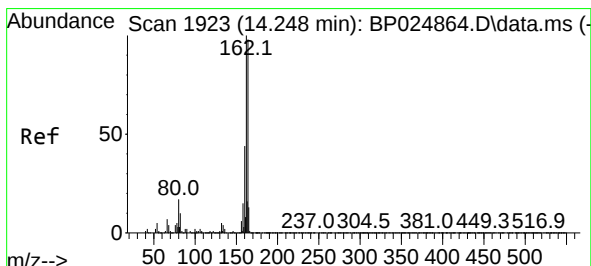
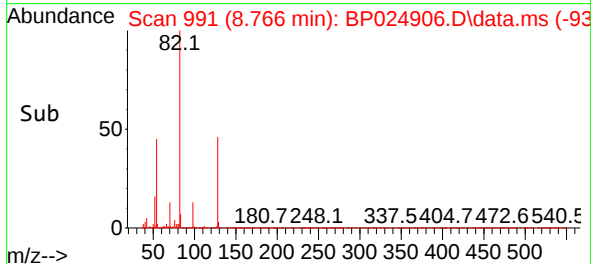
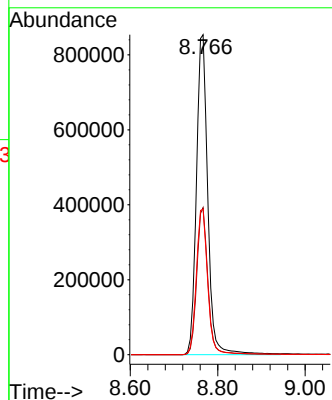
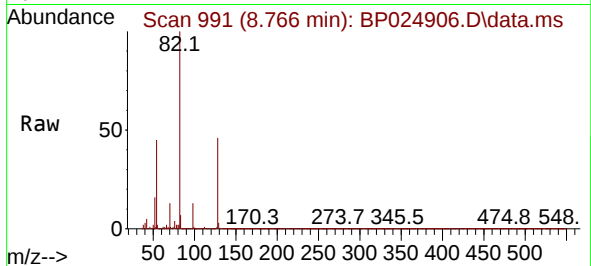




#23
Nitrobenzene-d5
Concen: 79.130 ng
RT: 8.766 min Scan# 991
Delta R.T. 0.006 min
Lab File: BP024906.D
Acq: 11 Jun 2025 10:50

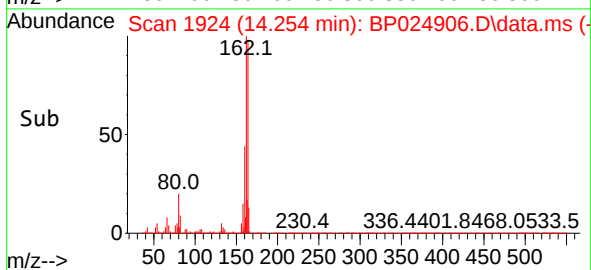
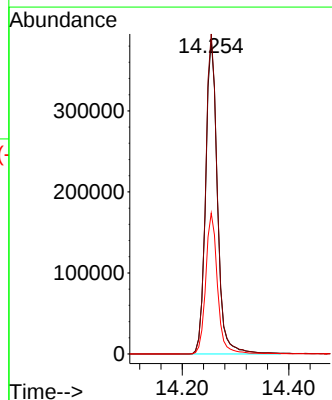
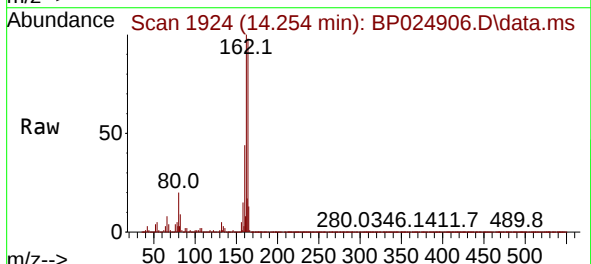
Instrument :
BNA_P
ClientSampleId :
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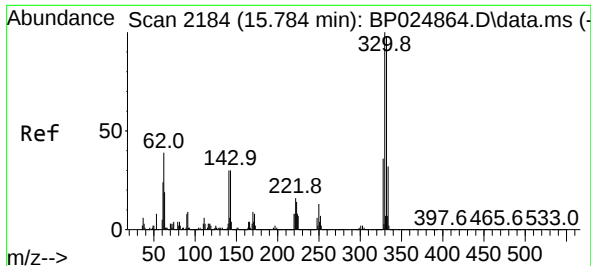
Tgt Ion: 82 Resp: 1544165
Ion Ratio Lower Upper
82 100
128 46.0 35.3 52.9
54 45.5 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP024906.D
Acq: 11 Jun 2025 10:50

Tgt Ion:164 Resp: 596004
Ion Ratio Lower Upper
164 100
162 101.7 81.6 122.4
160 44.7 36.2 54.2

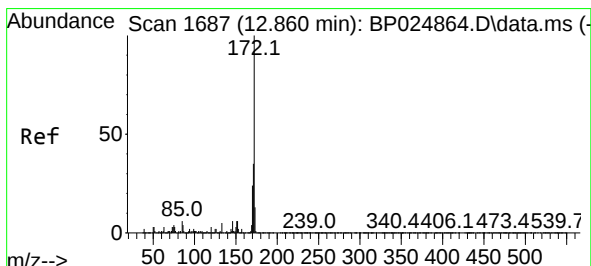
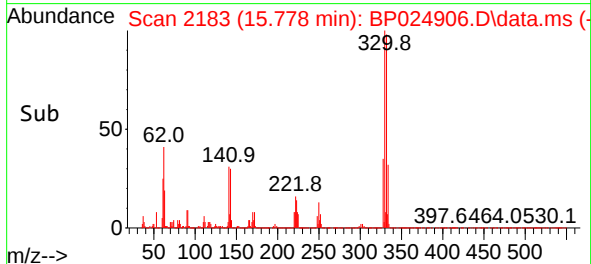
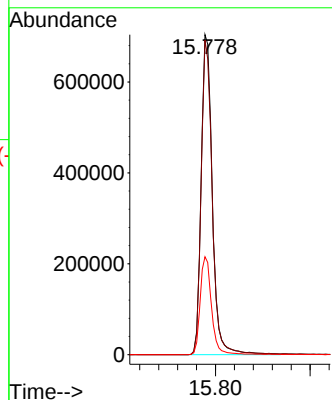
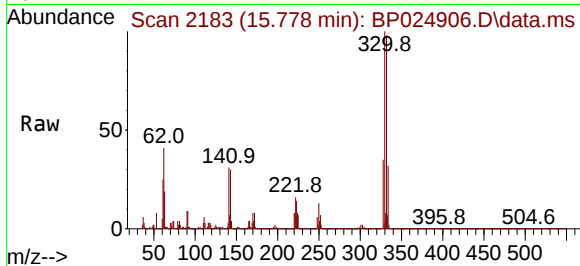




#42
2,4,6-Tribromophenol
Concen: 140.163 ng
RT: 15.778 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BP024906.D
Acq: 11 Jun 2025 10:50

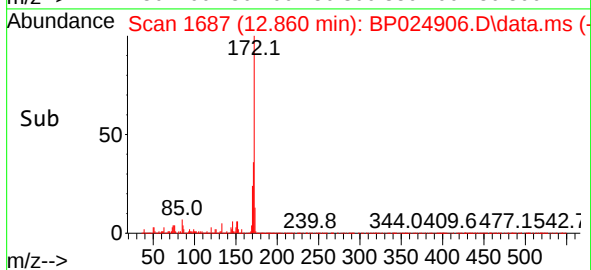
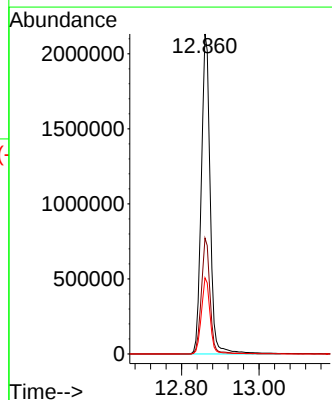
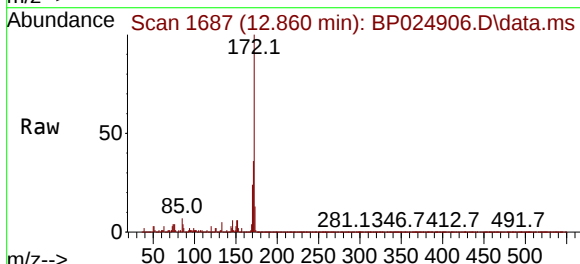
Instrument :
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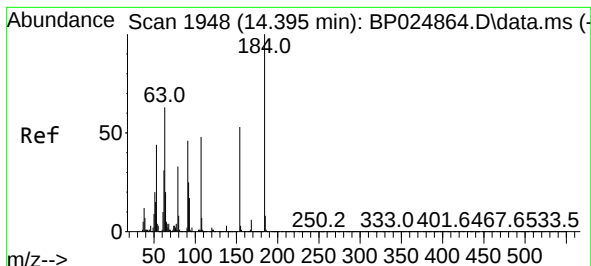
Tgt Ion:330 Resp: 1154951
Ion Ratio Lower Upper
330 100
332 97.2 77.7 116.5
141 31.0 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 76.629 ng
RT: 12.860 min Scan# 1687
Delta R.T. 0.000 min
Lab File: BP024906.D
Acq: 11 Jun 2025 10:50

Tgt Ion:172 Resp: 3390280
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 23.8 19.0 28.4

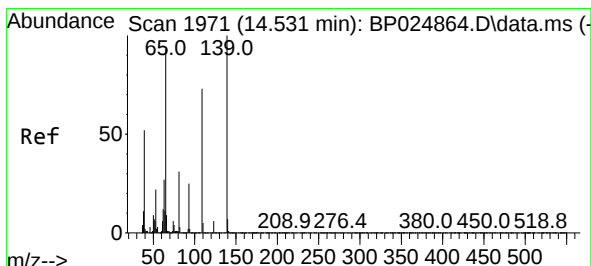
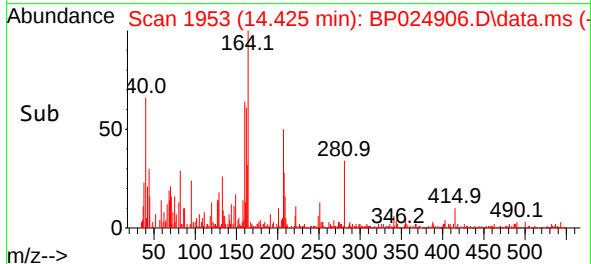
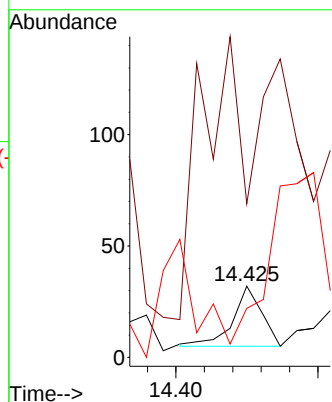
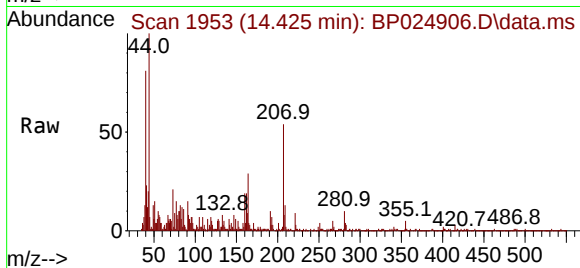




#54
2,4-Dinitrophenol
Concen: 5.566 ng
RT: 14.425 min Scan# 1948
Delta R.T. 0.030 min
Lab File: BP024906.D
Acq: 11 Jun 2025 10:50

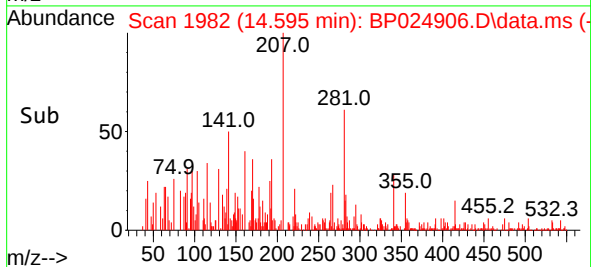
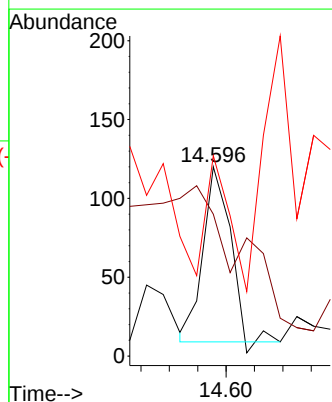
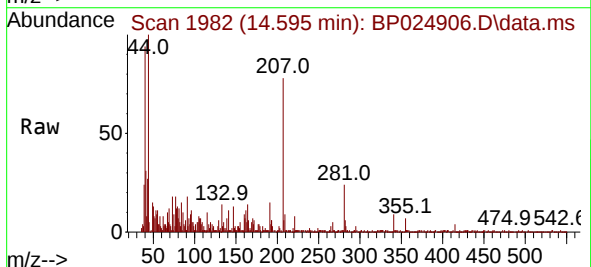
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BNA_P
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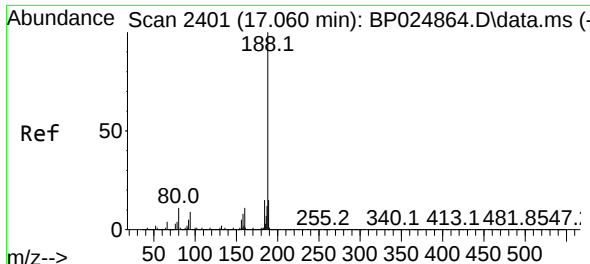
Tgt Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 215.6 51.0 76.4#
154 68.8 51.7 77.5



#56
4-Nitrophenol
Concen: 5.417 ng
RT: 14.595 min Scan# 1982
Delta R.T. 0.064 min
Lab File: BP024906.D
Acq: 11 Jun 2025 10:50

Tgt Ion:139 Resp: 74
Ion Ratio Lower Upper
139 100
109 82.5 53.1 93.1
65 105.8 73.0 113.0

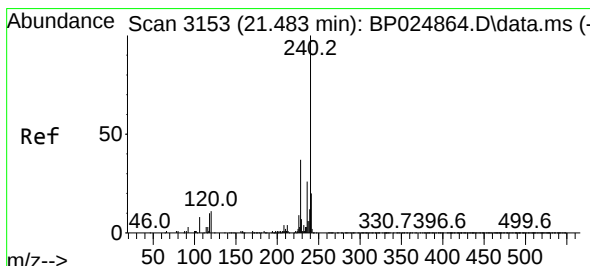
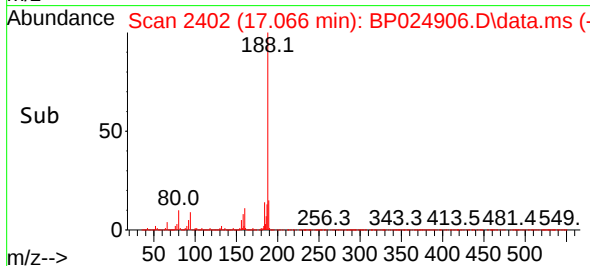
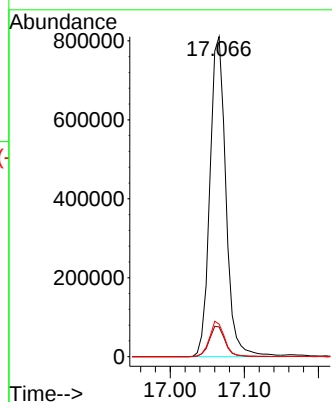
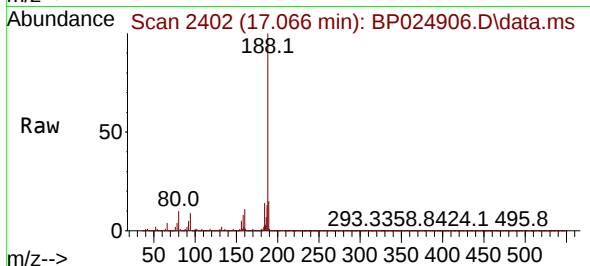




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.066 min Scan# 2401
Delta R.T. 0.006 min
Lab File: BP024906.D
Acq: 11 Jun 2025 10:50

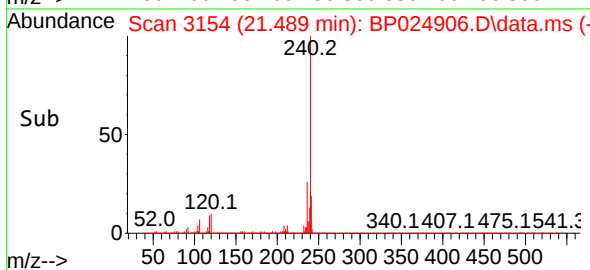
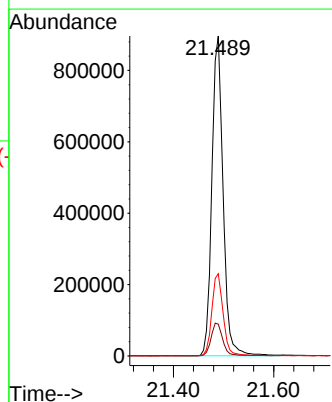
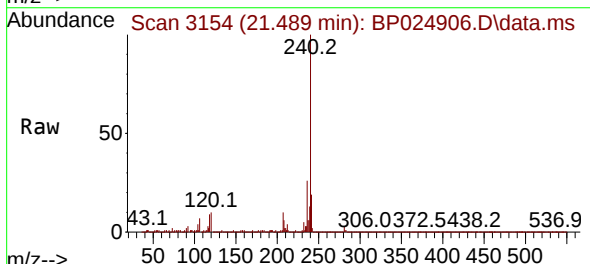
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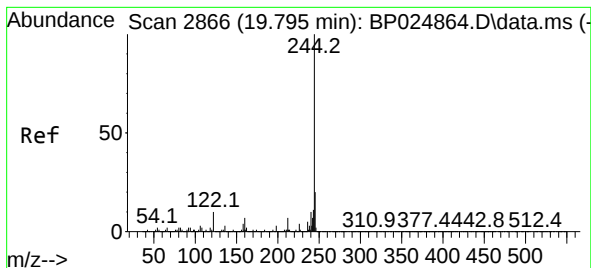
Tgt Ion:188 Resp: 1216143
Ion Ratio Lower Upper
188 100
94 9.3 7.3 10.9
80 10.2 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BP024906.D
Acq: 11 Jun 2025 10:50

Tgt Ion:240 Resp: 1397582
Ion Ratio Lower Upper
240 100
120 9.9 8.9 13.3
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 79.081 ng

RT: 19.783 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024906.D

Acq: 11 Jun 2025 10:50

Instrument :

BNA_P

ClientSampleId :

PB168300BL

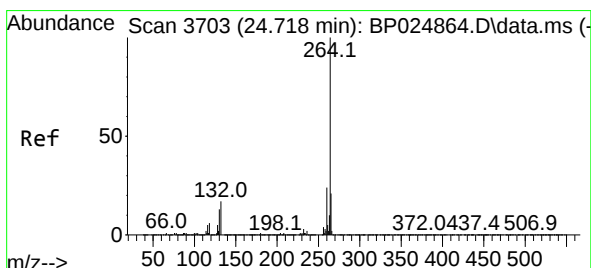
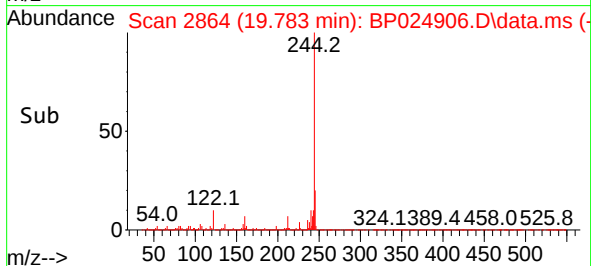
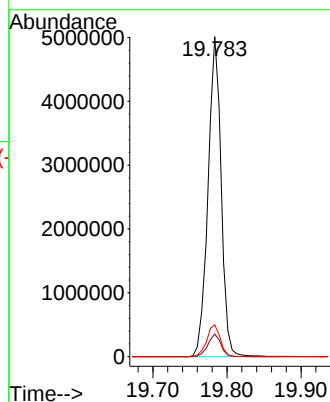
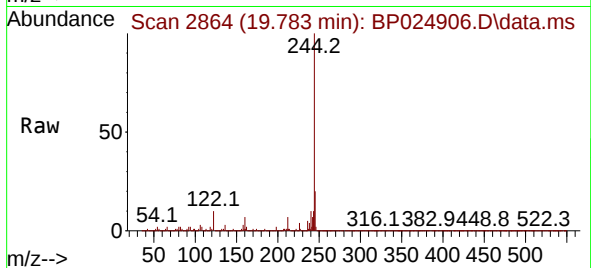
Tgt Ion:244 Resp: 6166701

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.0 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.748 min Scan# 3708

Delta R.T. 0.029 min

Lab File: BP024906.D

Acq: 11 Jun 2025 10:50

Tgt Ion:264 Resp: 1605439

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 22.4 17.4 26.0

