

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061725\
 Data File : BP024980.D
 Acq On : 17 Jun 2025 18:08
 Operator : RC/JU
 Sample : Q2311-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP04-MH2MH3-WC

Quant Time: Jun 17 18:32:32 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)

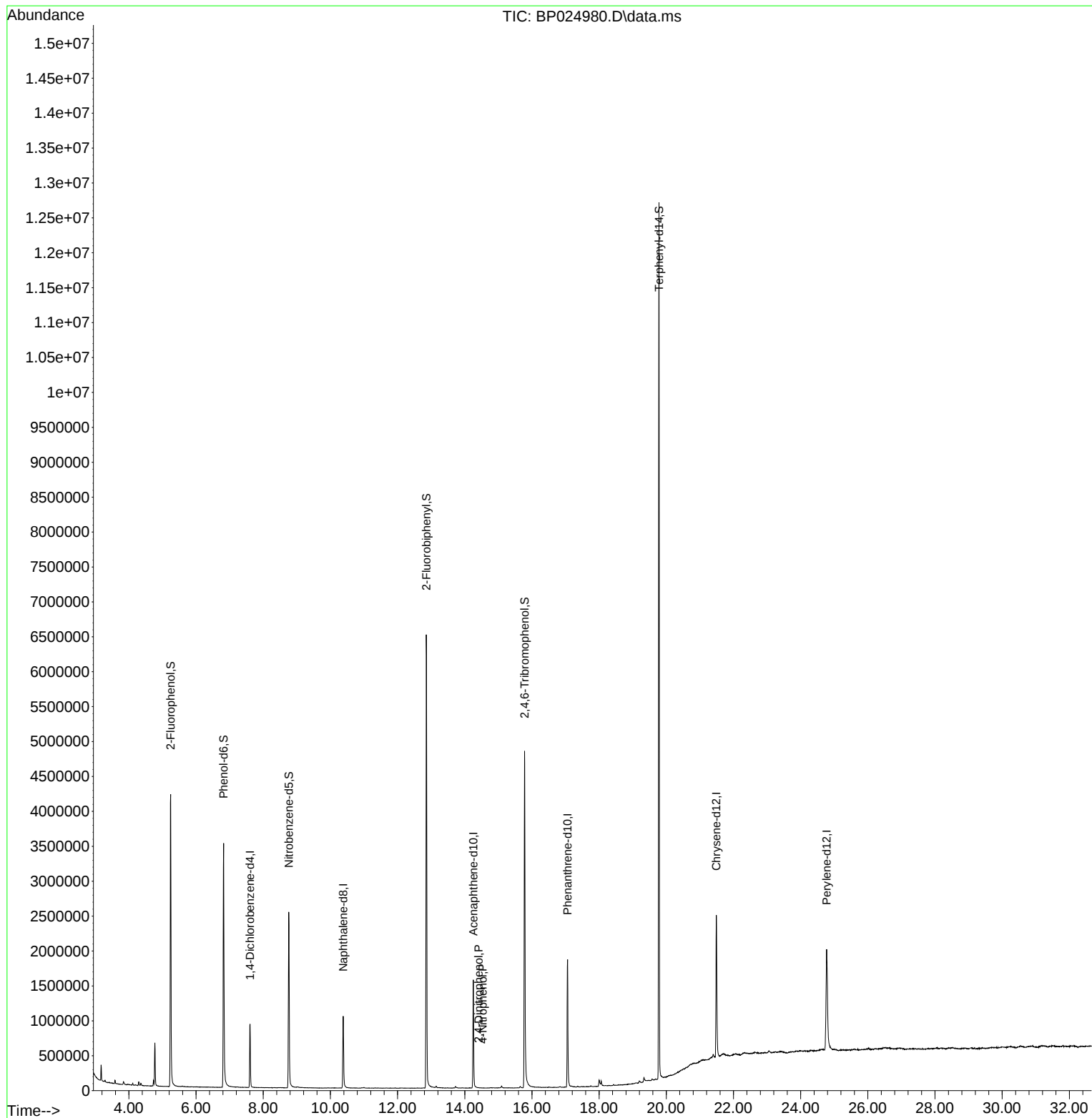
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	259418	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	968972	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	596203	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1216069	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1448141	20.000	ng	0.00
86) Perylene-d12	24.771	264	1738289	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2047823	131.765	ng	0.00
7) Phenol-d6	6.819	99	2347948	114.184	ng	0.00
23) Nitrobenzene-d5	8.760	82	1677177	84.109	ng	0.00
42) 2,4,6-Tribromophenol	15.783	330	1197530	145.281	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	3549788	80.207	ng	0.00
79) Terphenyl-d14	19.783	244	6353110	78.627	ng	-0.01
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.413	184	40	5.569	ng	# 1
56) 4-Nitrophenol	14.531	139	69	5.417	ng	# 55

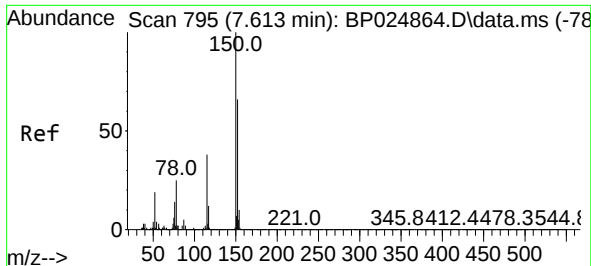
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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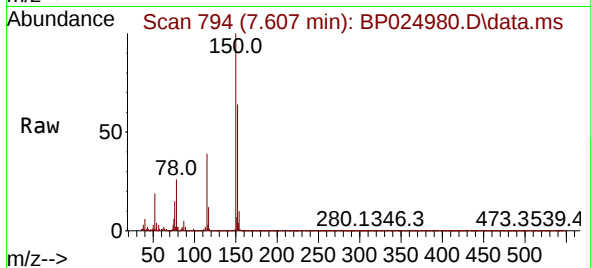
Quant Time: Jun 17 18:32:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



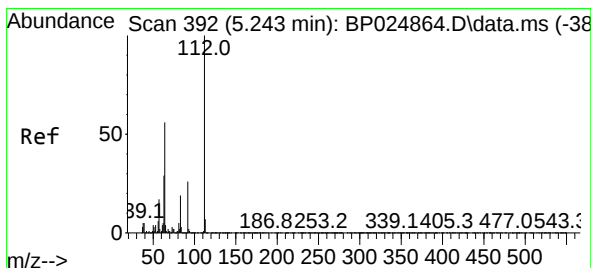
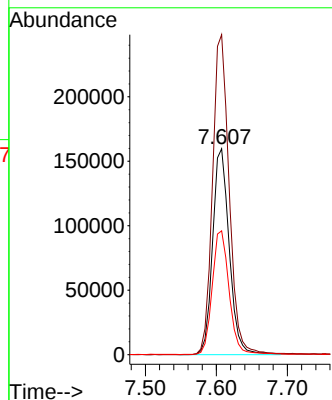
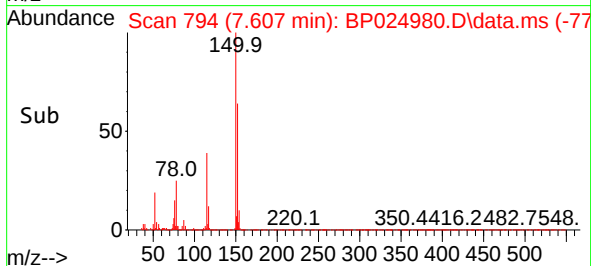


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.607 min Scan# 795
Delta R.T. -0.006 min
Lab File: BP024980.D
Acq: 17 Jun 2025 18:08

Instrument :
BNA_P
ClientSampleId :
TP04-MH2MH3-WC

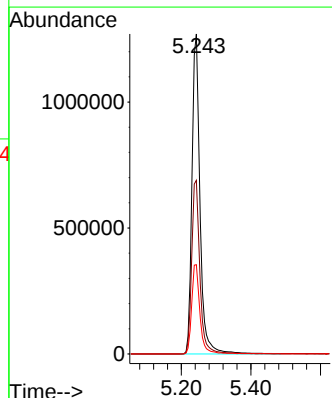
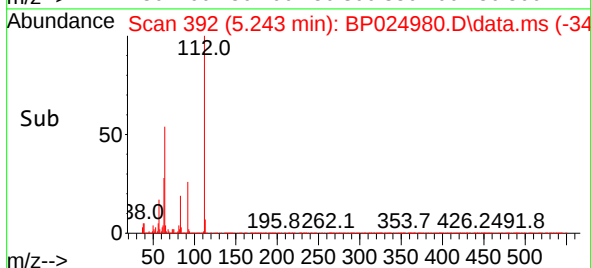
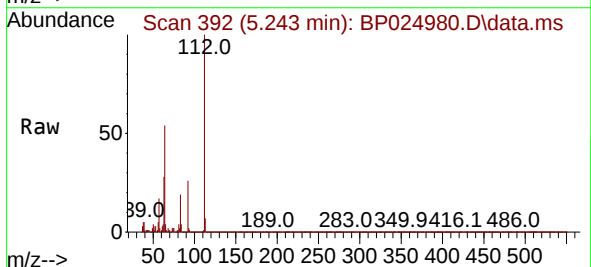


Tgt Ion:152 Resp: 259418
Ion Ratio Lower Upper
152 100
150 155.4 122.1 183.1
115 60.1 46.4 69.6



#5
2-Fluorophenol
Concen: 131.765 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024980.D
Acq: 17 Jun 2025 18:08

Tgt Ion:112 Resp: 2047823
Ion Ratio Lower Upper
112 100
64 54.2 44.7 67.1
63 27.9 23.5 35.3

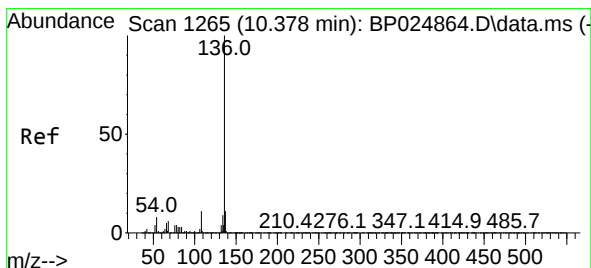
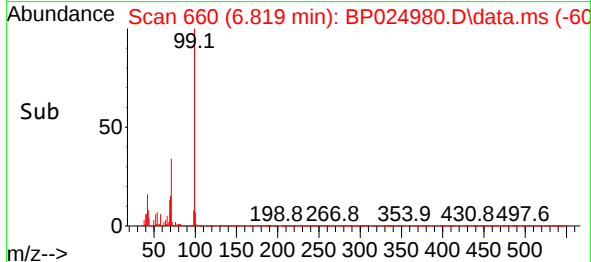
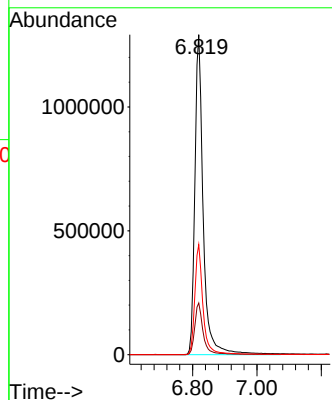
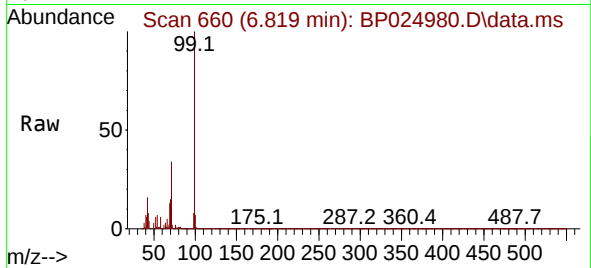




#7
Phenol-d6
Concen: 114.184 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024980.D
Acq: 17 Jun 2025 18:08

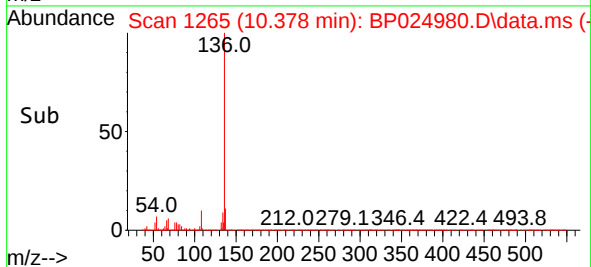
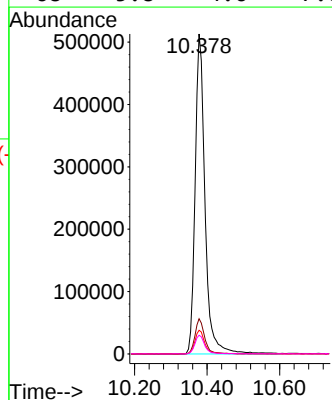
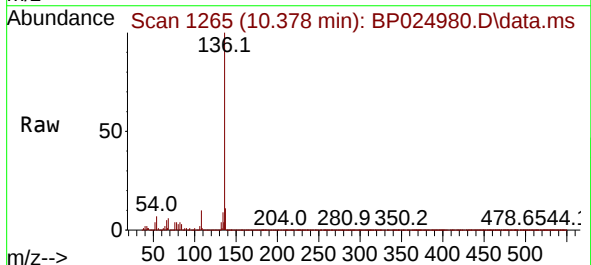
Instrument :
BNA_P
ClientSampleId :
TP04-MH2MH3-WC

Tgt Ion: 99 Resp: 2347948
Ion Ratio Lower Upper
99 100
42 16.1 13.4 20.2
71 34.4 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024980.D
Acq: 17 Jun 2025 18:08

Tgt Ion: 136 Resp: 968972
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.4 6.1 9.1
68 5.8 4.6 7.0

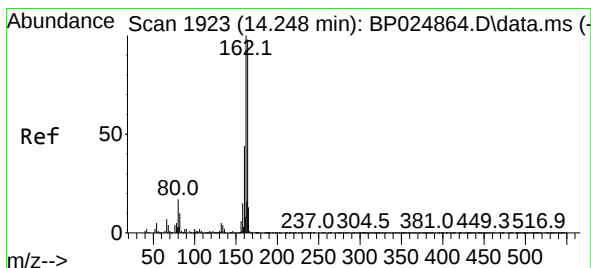
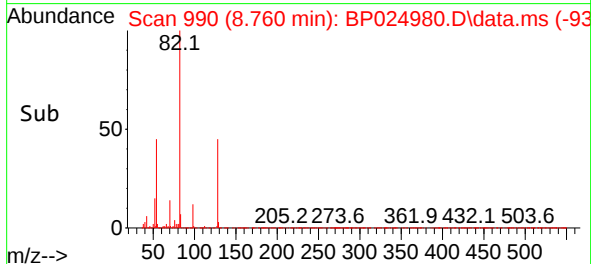
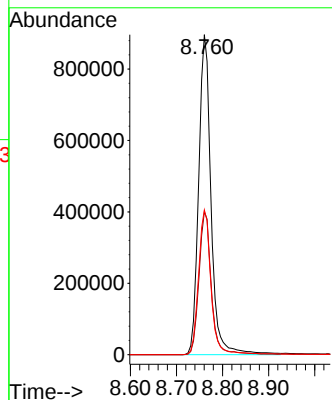
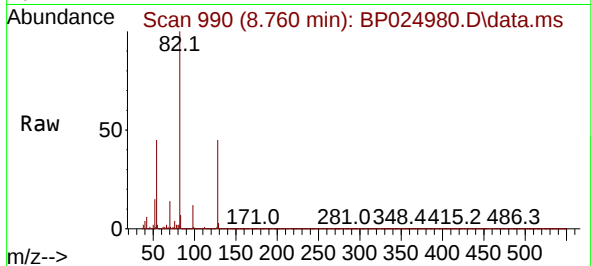




#23
Nitrobenzene-d5
Concen: 84.109 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024980.D
Acq: 17 Jun 2025 18:08

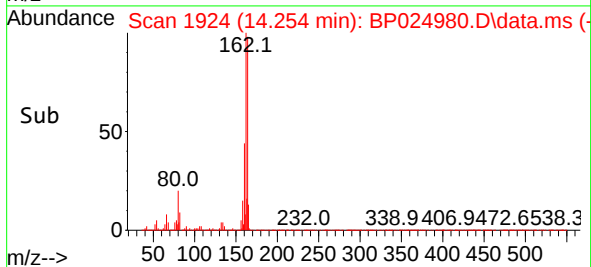
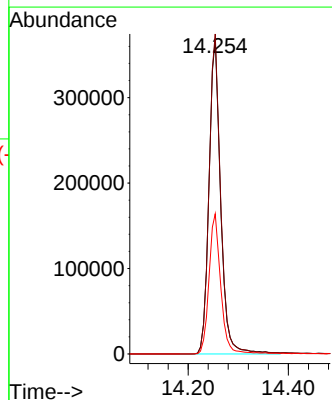
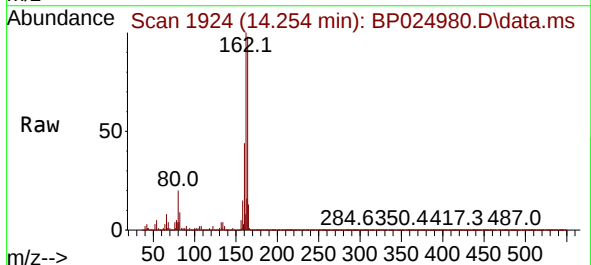
Instrument :
BNA_P
ClientSampleId :
TP04-MH2MH3-WC

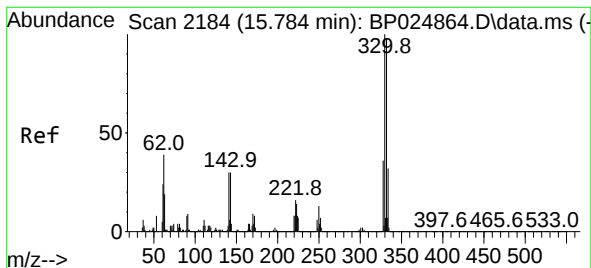
Tgt Ion: 82 Resp: 1677177
Ion Ratio Lower Upper
82 100
128 44.7 35.3 52.9
54 45.3 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP024980.D
Acq: 17 Jun 2025 18:08

Tgt Ion:164 Resp: 596203
Ion Ratio Lower Upper
164 100
162 101.5 81.6 122.4
160 44.5 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 145.281 ng

RT: 15.783 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024980.D

Acq: 17 Jun 2025 18:08

Instrument :

BNA_P

ClientSampleId :

TP04-MH2MH3-WC

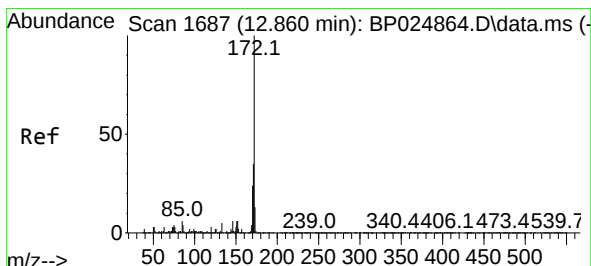
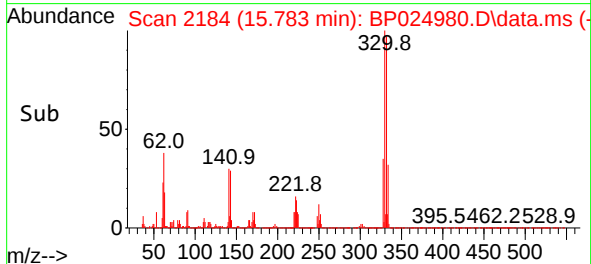
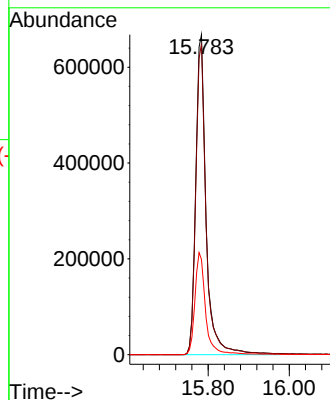
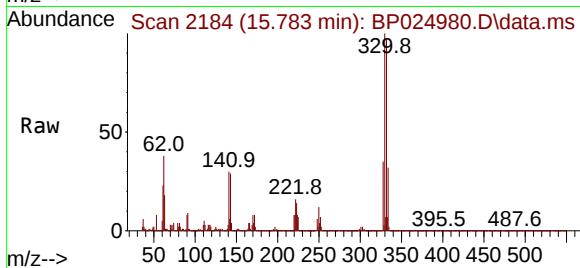
Tgt Ion:330 Resp: 1197530

Ion Ratio Lower Upper

330 100

332 96.8 77.7 116.5

141 32.6 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 80.207 ng

RT: 12.854 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BP024980.D

Acq: 17 Jun 2025 18:08

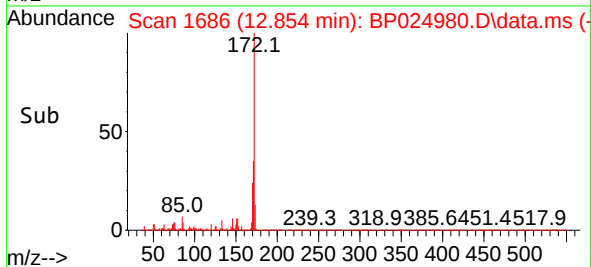
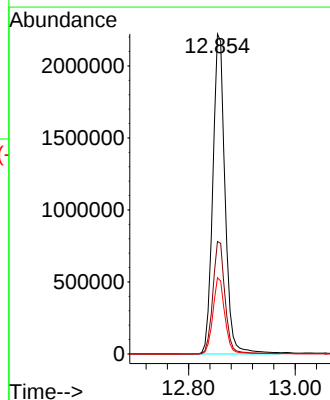
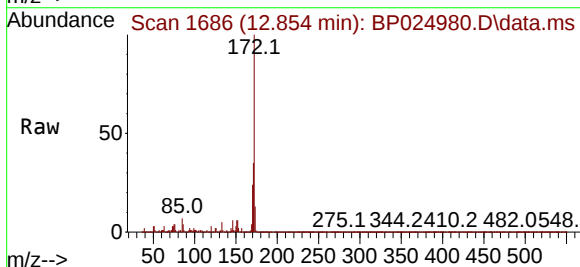
Tgt Ion:172 Resp: 3549788

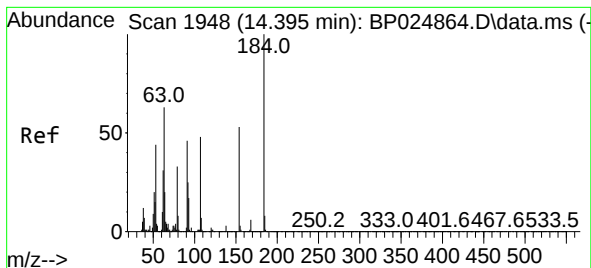
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.8 19.0 28.4





#54

2,4-Dinitrophenol

Concen: 5.569 ng

RT: 14.413 min Scan# 1948

Delta R.T. 0.018 min

Lab File: BP024980.D

Acq: 17 Jun 2025 18:08

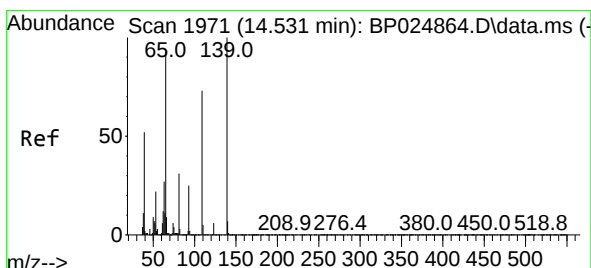
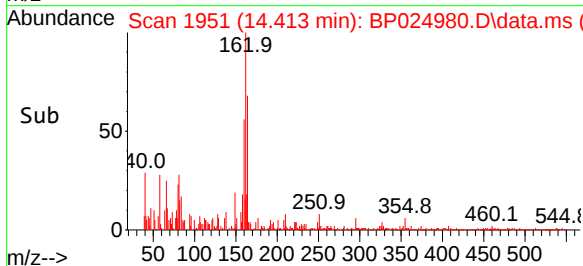
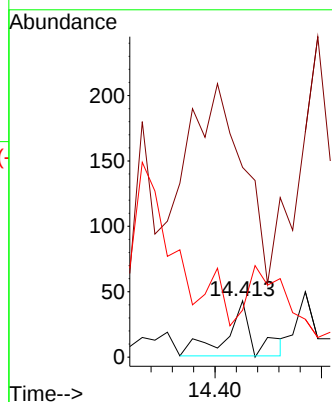
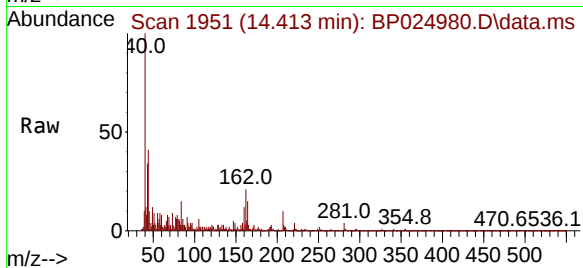
Instrument :

BNA_P

ClientSampleId :

TP04-MH2MH3-WC

Tgt Ion:184	Resp:	40
Ion	Ratio	Lower Upper
184	100	
63	337.2	51.0 76.4#
154	120.9	51.7 77.5#



#56

4-Nitrophenol

Concen: 5.417 ng

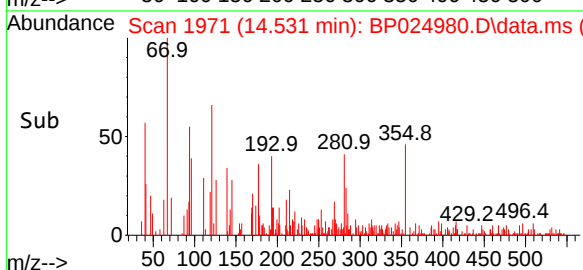
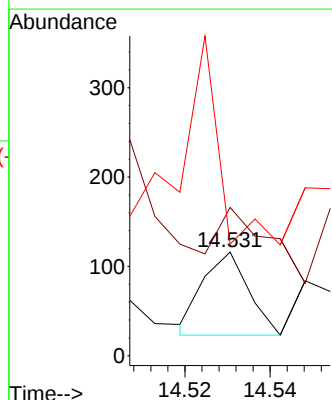
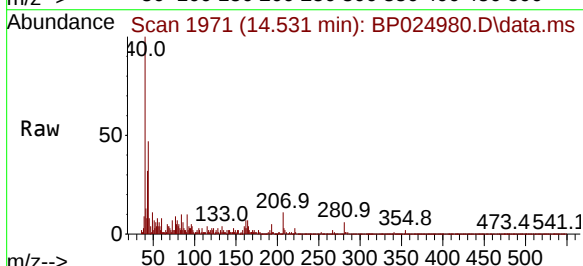
RT: 14.531 min Scan# 1971

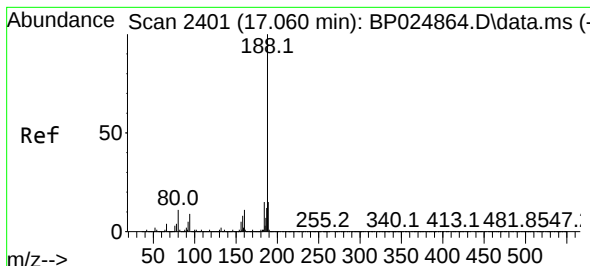
Delta R.T. -0.000 min

Lab File: BP024980.D

Acq: 17 Jun 2025 18:08

Tgt Ion:139	Resp:	69
Ion	Ratio	Lower Upper
139	100	
109	143.1	53.1 93.1#
65	107.8	73.0 113.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.060 min Scan# 2401

Delta R.T. -0.000 min

Lab File: BP024980.D

Acq: 17 Jun 2025 18:08

Instrument :

BNA_P

ClientSampleId :

TP04-MH2MH3-WC

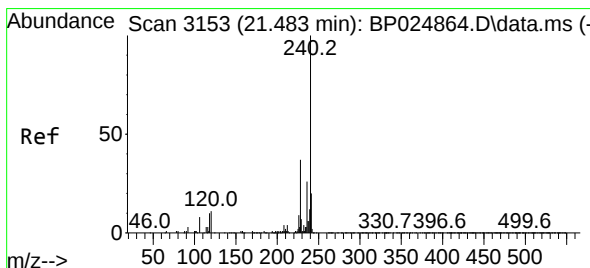
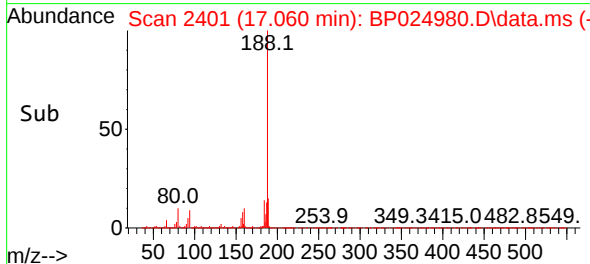
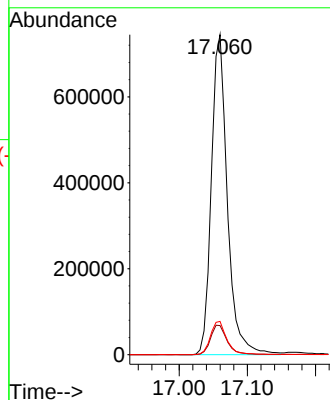
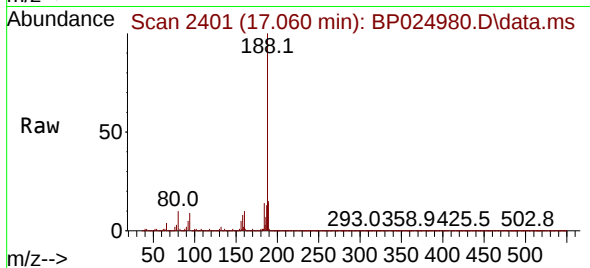
Tgt Ion:188 Resp: 1216069

Ion Ratio Lower Upper

188 100

94 9.1 7.3 10.9

80 10.4 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: BP024980.D

Acq: 17 Jun 2025 18:08

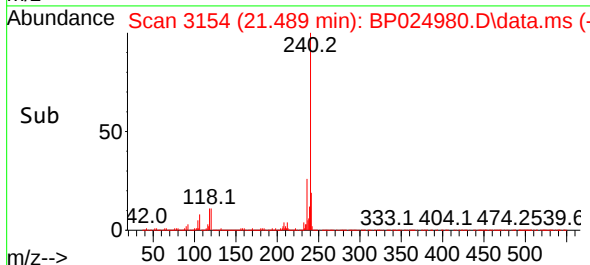
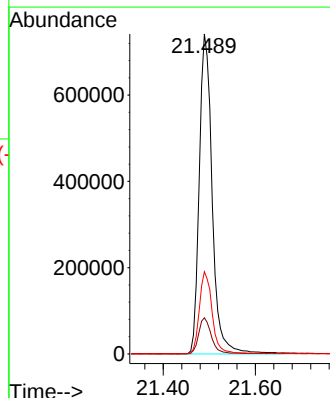
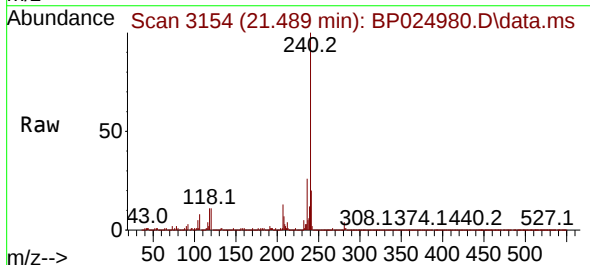
Tgt Ion:240 Resp: 1448141

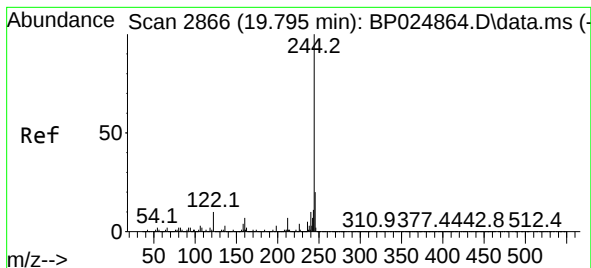
Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 78.627 ng

RT: 19.783 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024980.D

Acq: 17 Jun 2025 18:08

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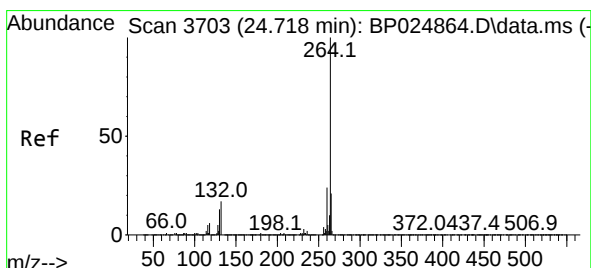
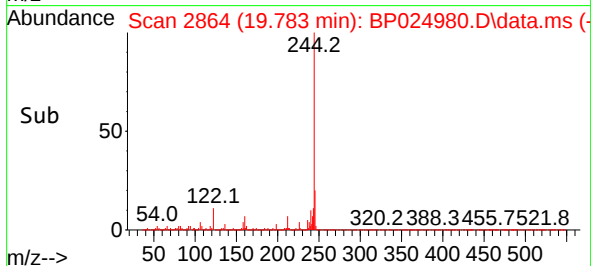
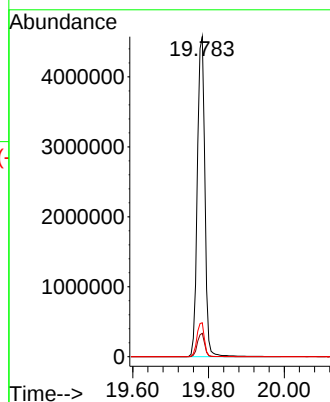
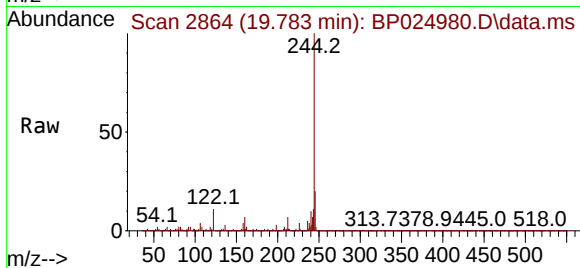
Tgt Ion:244 Resp: 6353110

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 10.6 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.771 min Scan# 3712

Delta R.T. 0.053 min

Lab File: BP024980.D

Acq: 17 Jun 2025 18:08

Tgt Ion:264 Resp: 1738289

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.4

265 22.4 17.4 26.0

