

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
 Data File : BP024554.D
 Acq On : 06 May 2025 19:50
 Operator : RC/JU
 Sample : Q1947-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-O

Quant Time: May 07 01:12:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

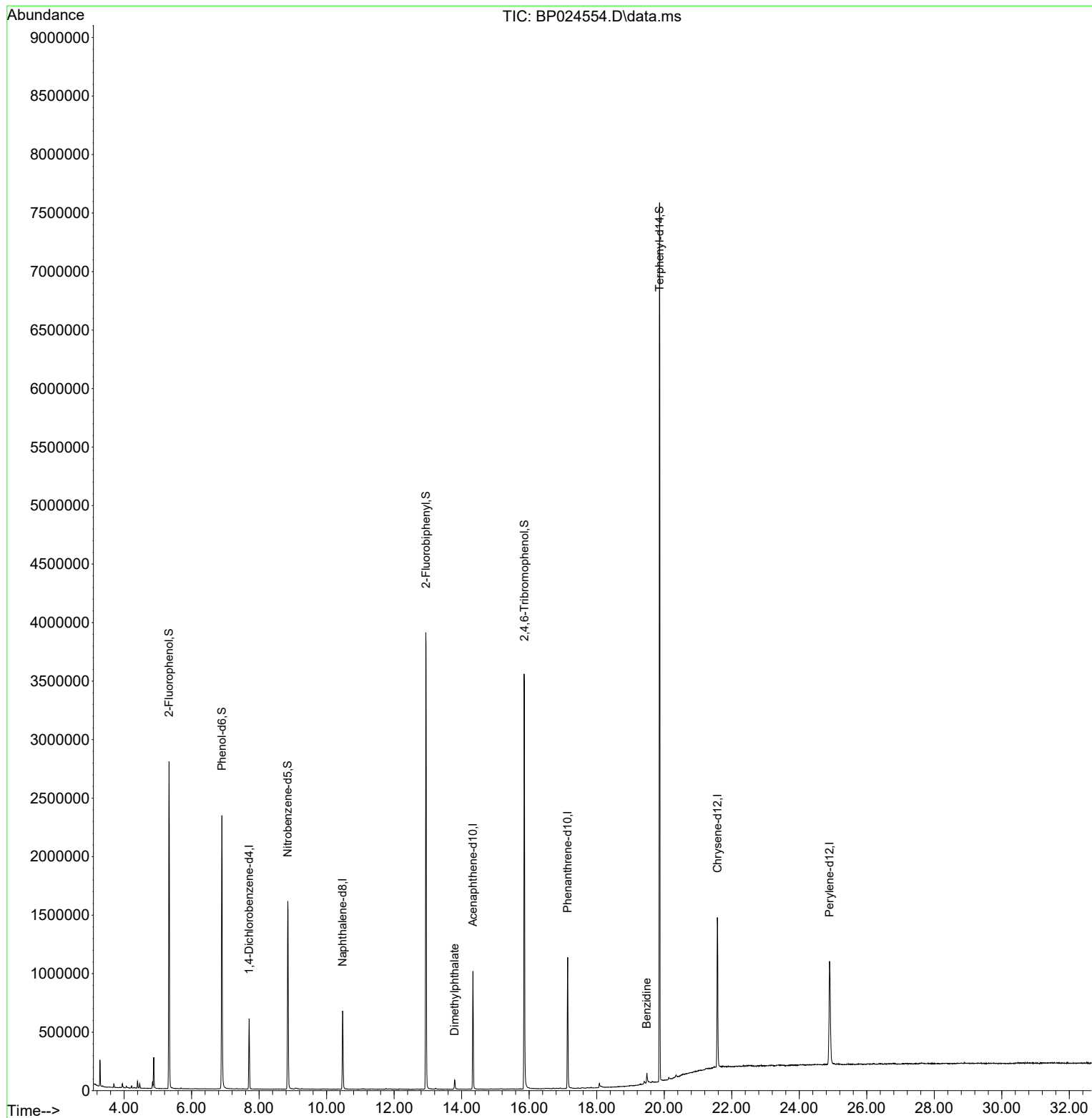
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	154480	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	587909	20.000	ng	#-0.02
39) Acenaphthene-d10	14.334	164	343767	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	674109	20.000	ng	# 0.00
76) Chrysene-d12	21.574	240	792811	20.000	ng	-0.02
86) Perylene-d12	24.898	264	963378	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1199245	128.360	ng	-0.01
7) Phenol-d6	6.899	99	1400568	109.479	ng	-0.01
23) Nitrobenzene-d5	8.851	82	952551	92.388	ng	-0.02
42) 2,4,6-Tribromophenol	15.857	330	774300	162.798	ng	0.00
45) 2-Fluorobiphenyl	12.939	172	2022976	90.102	ng	-0.02
79) Terphenyl-d14	19.863	244	3625733	92.180	ng	-0.01
Target Compounds						
						Qvalue
50) Dimethylphthalate	13.792	163	62286	2.491	ng	# 97
77) Benzidine	19.486	184	65000	6.468	ng	98

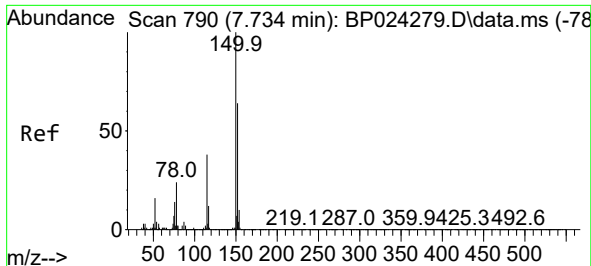
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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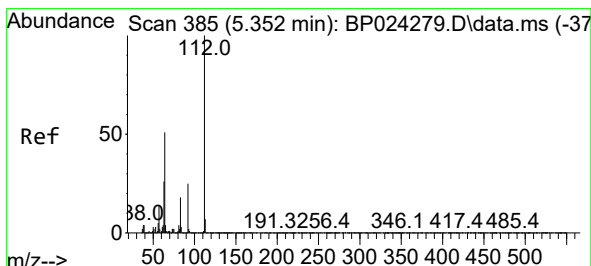
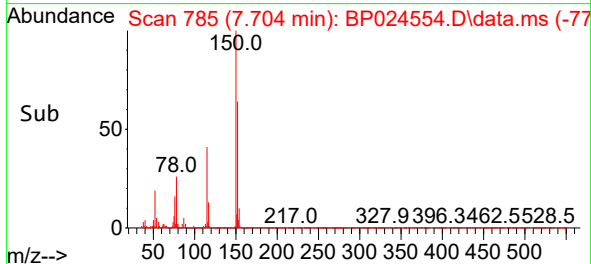
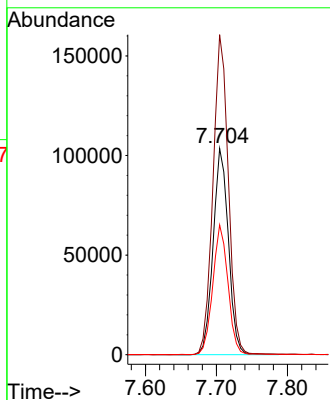
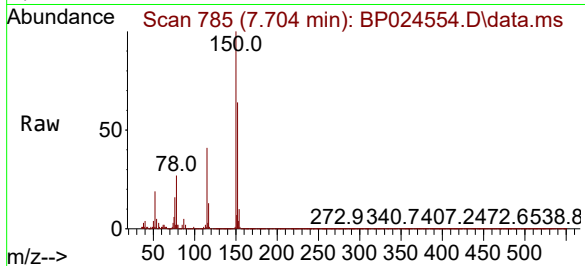




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.704 min Scan# 71
Delta R.T. -0.018 min
Lab File: BP024554.D
Acq: 06 May 2025 19:50

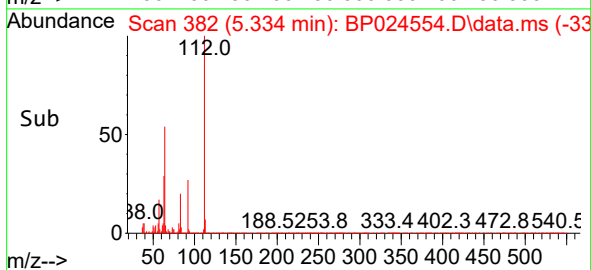
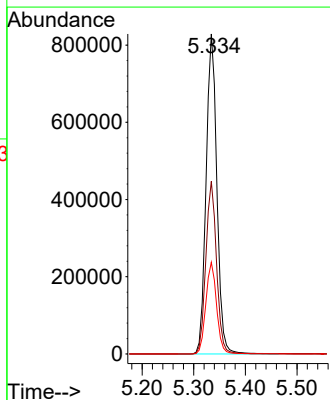
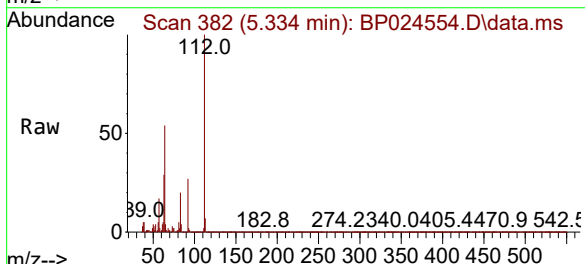
Instrument :
BNA_P
ClientSampleId :
MH-O

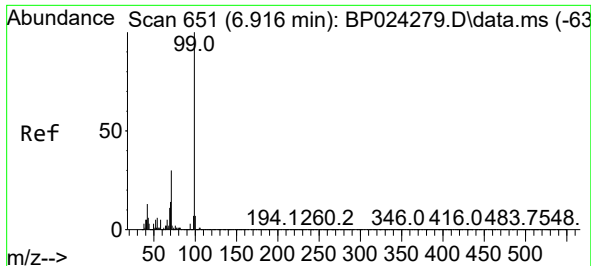
Tgt Ion:152 Resp: 154480
Ion Ratio Lower Upper
152 100
150 155.1 124.9 187.3
115 62.9 47.7 71.5



#5
2-Fluorophenol
Concen: 128.360 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024554.D
Acq: 06 May 2025 19:50

Tgt Ion:112 Resp: 1199245
Ion Ratio Lower Upper
112 100
64 54.0 41.1 61.7
63 28.7 20.6 30.8

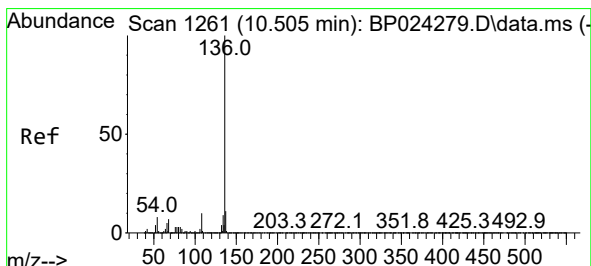
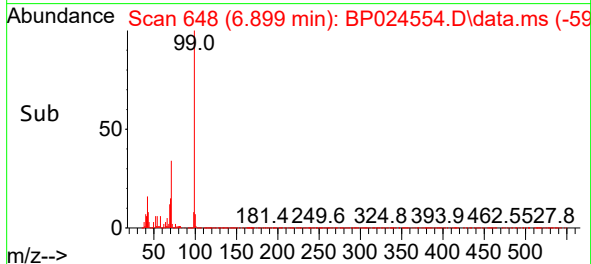
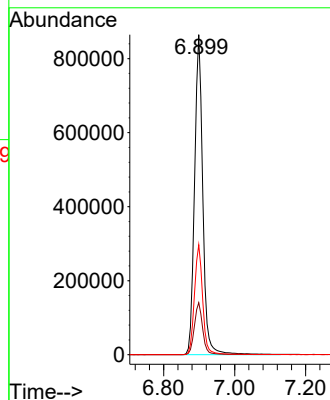
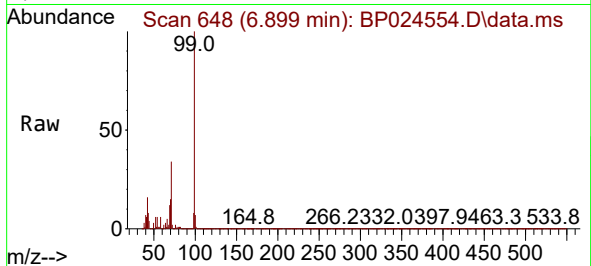




#7
Phenol-d6
Concen: 109.479 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024554.D
Acq: 06 May 2025 19:50

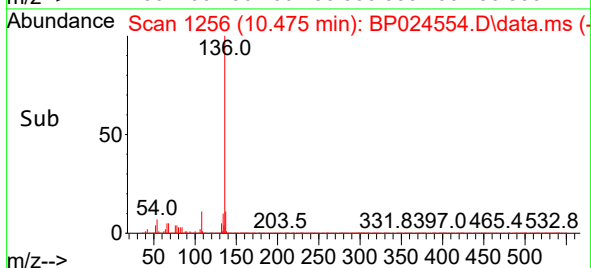
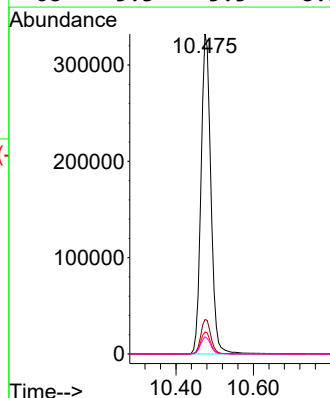
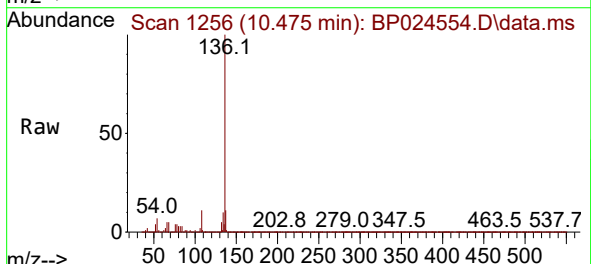
Instrument :
BNA_P
ClientSampleId :
MH-O

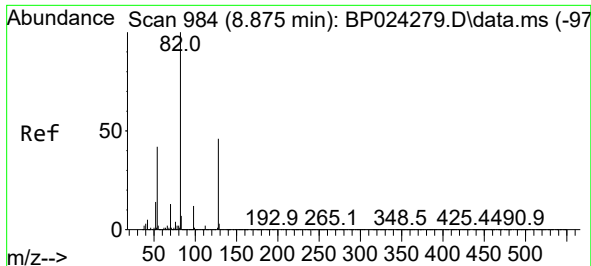
Tgt Ion: 99 Resp: 1400568
Ion Ratio Lower Upper
99 100
42 16.3 10.6 16.0#
71 34.3 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.024 min
Lab File: BP024554.D
Acq: 06 May 2025 19:50

Tgt Ion:136 Resp: 587909
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 6.8 6.0 9.0
68 5.3 5.5 8.3#

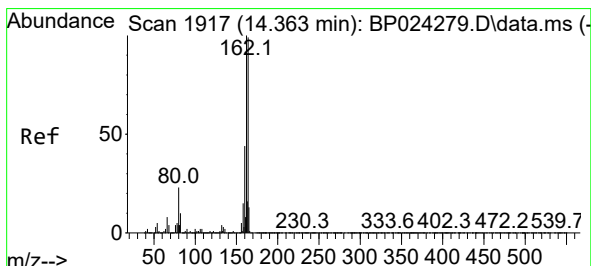
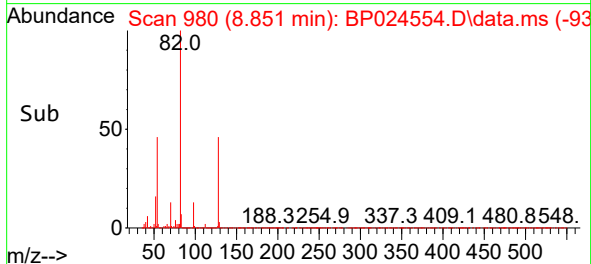
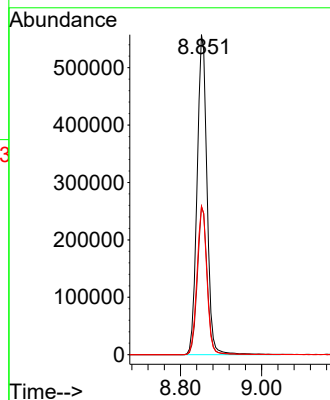
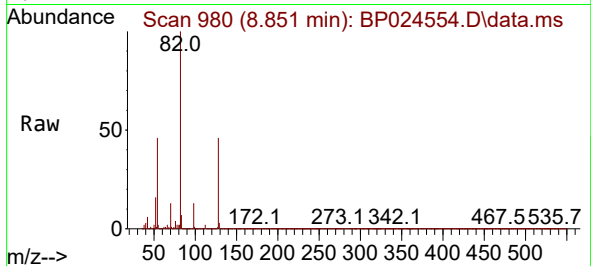




#23
Nitrobenzene-d5
Concen: 92.388 ng
RT: 8.851 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP024554.D
Acq: 06 May 2025 19:50

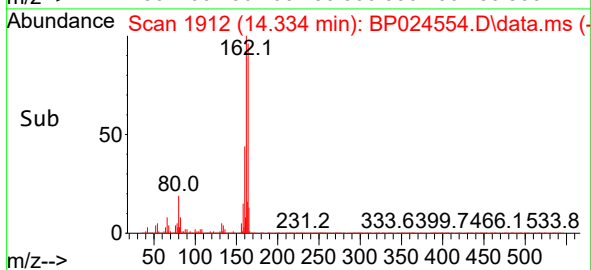
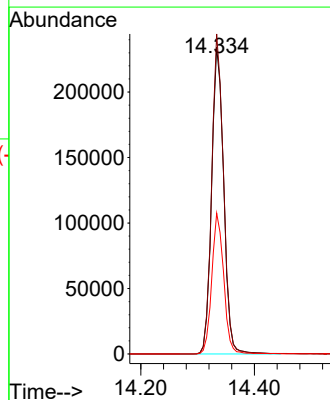
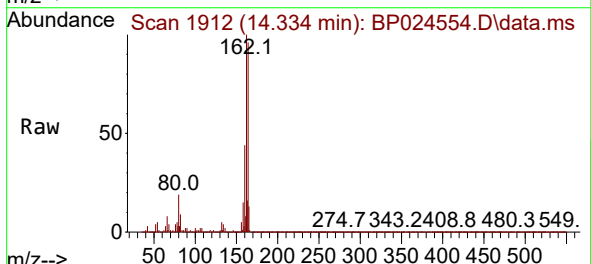
Instrument :
BNA_P
ClientSampleId :
MH-O

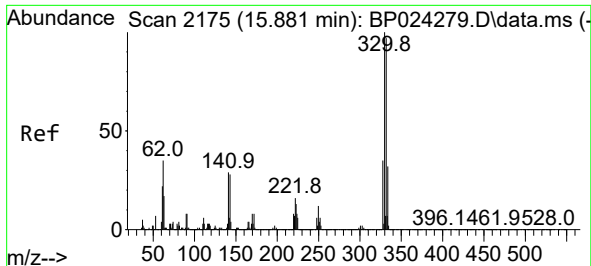
Tgt Ion: 82 Resp: 952551
Ion Ratio Lower Upper
82 100
128 46.3 36.5 54.7
54 46.4 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BP024554.D
Acq: 06 May 2025 19:50

Tgt Ion: 164 Resp: 343767
Ion Ratio Lower Upper
164 100
162 104.3 80.6 120.8
160 45.9 35.3 52.9

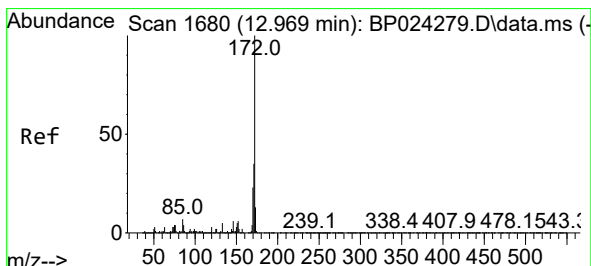
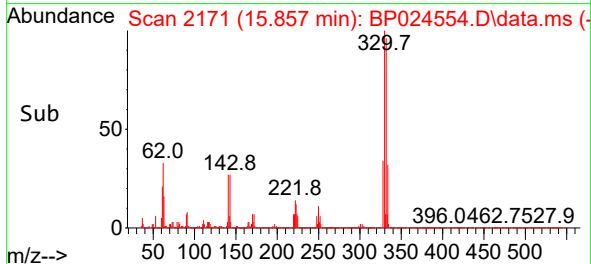
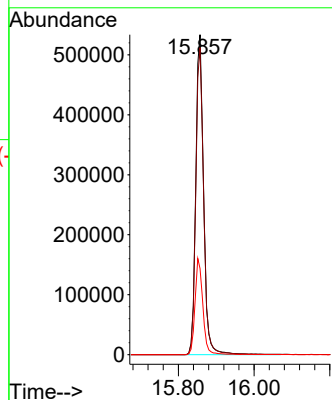
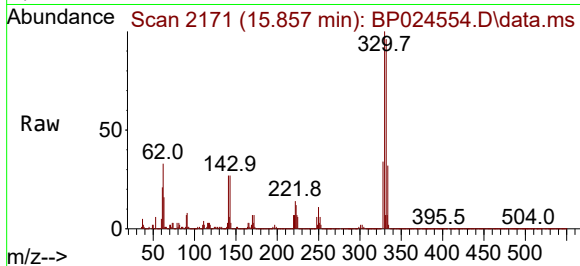




#42
2,4,6-Tribromophenol
Concen: 162.798 ng
RT: 15.857 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BP024554.D
Acq: 06 May 2025 19:50

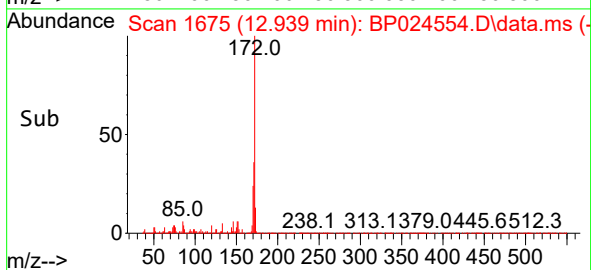
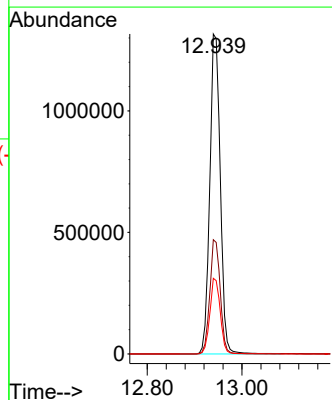
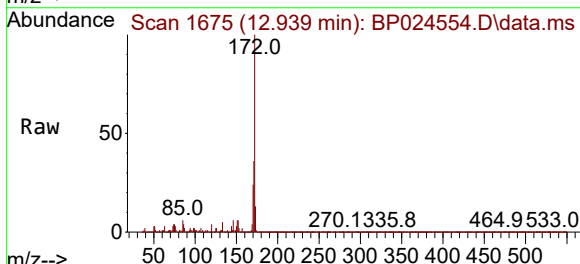
Instrument :
BNA_P
ClientSampleId :
MH-O

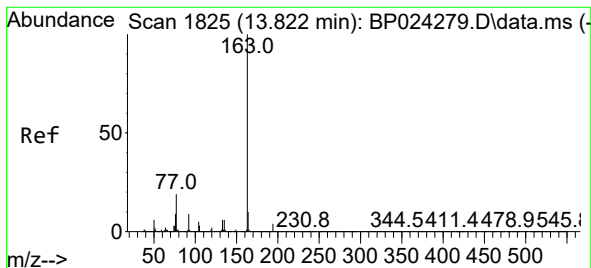
Tgt Ion: 330 Resp: 774300
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 29.7 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 90.102 ng
RT: 12.939 min Scan# 1675
Delta R.T. -0.024 min
Lab File: BP024554.D
Acq: 06 May 2025 19:50

Tgt Ion: 172 Resp: 2022976
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.7 18.6 27.8





#50

Dimethylphthalate

Concen: 2.491 ng

RT: 13.792 min Scan# 1820

Delta R.T. -0.018 min

Lab File: BP024554.D

Acq: 06 May 2025 19:50

Instrument :

BNA_P

ClientSampleId :

MH-O

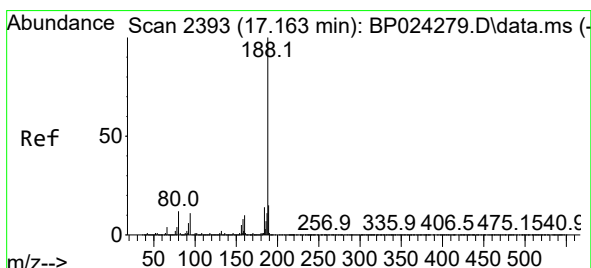
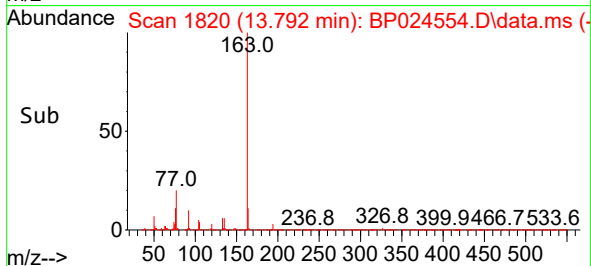
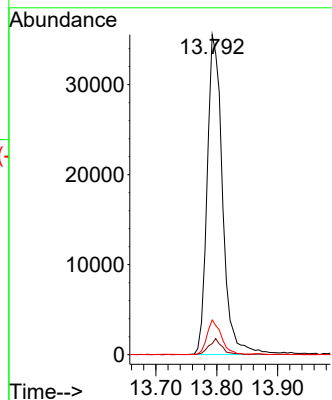
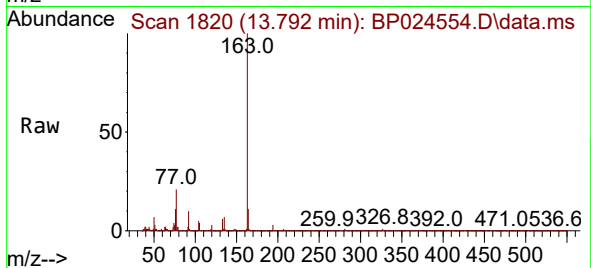
Tgt Ion:163 Resp: 62286

Ion Ratio Lower Upper

163 100

194 3.4 3.5 5.3#

164 10.9 8.0 12.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.139 min Scan# 2389

Delta R.T. -0.006 min

Lab File: BP024554.D

Acq: 06 May 2025 19:50

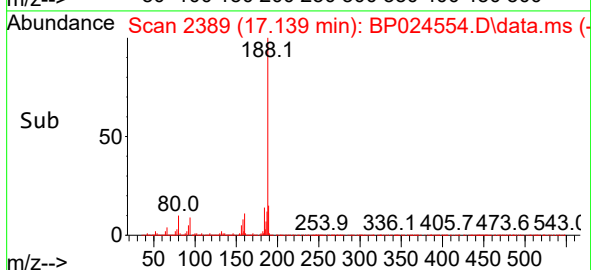
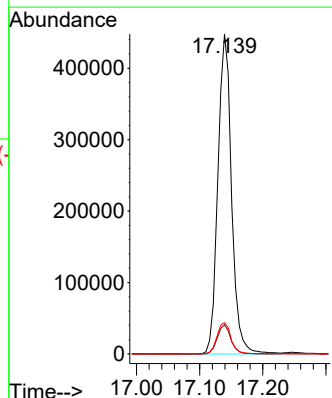
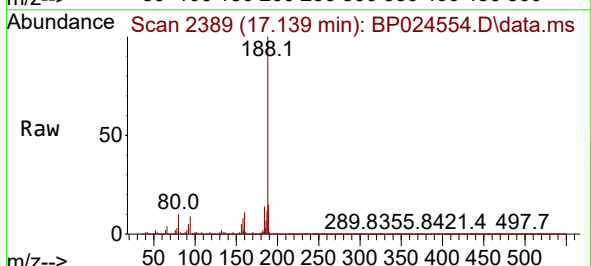
Tgt Ion:188 Resp: 674109

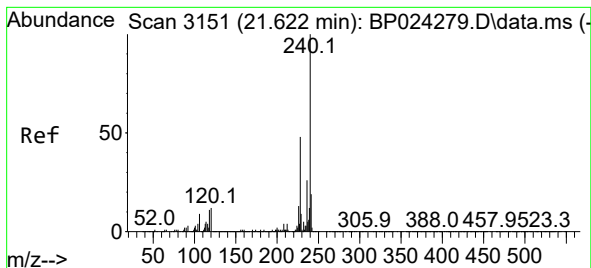
Ion Ratio Lower Upper

188 100

94 9.1 8.6 13.0

80 9.7 9.8 14.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP024554.D

Acq: 06 May 2025 19:50

Instrument :

BNA_P

ClientSampleId :

MH-O

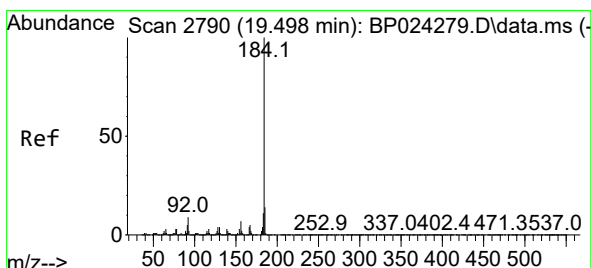
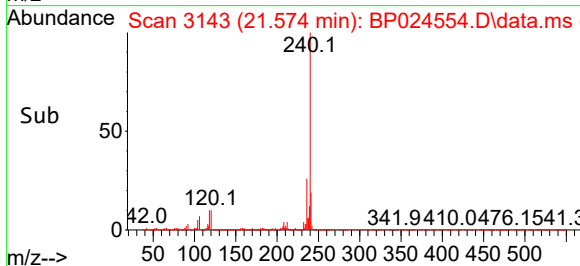
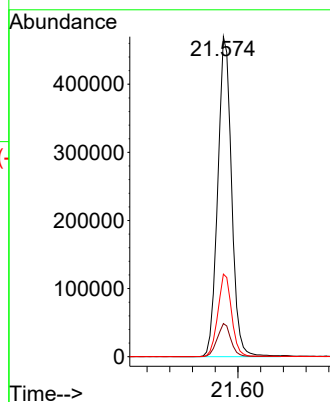
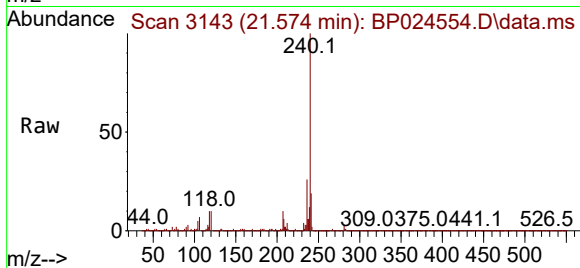
Tgt Ion:240 Resp: 792811

Ion Ratio Lower Upper

240 100

120 10.4 9.8 14.8

236 25.8 20.9 31.3



#77

Benzidine

Concen: 6.468 ng

RT: 19.486 min Scan# 2788

Delta R.T. 0.006 min

Lab File: BP024554.D

Acq: 06 May 2025 19:50

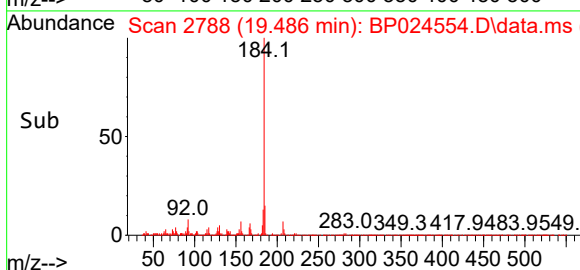
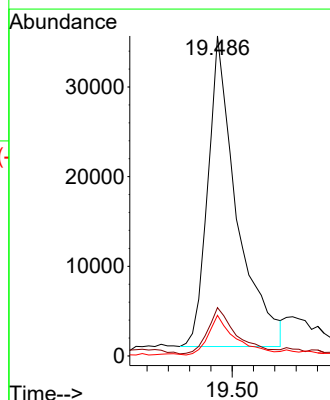
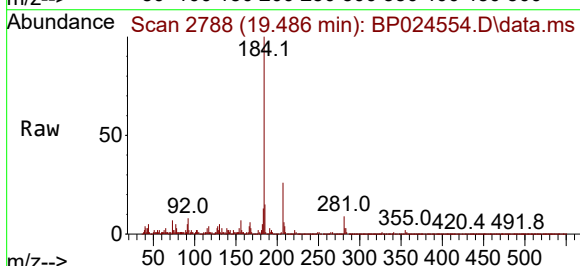
Tgt Ion:184 Resp: 65000

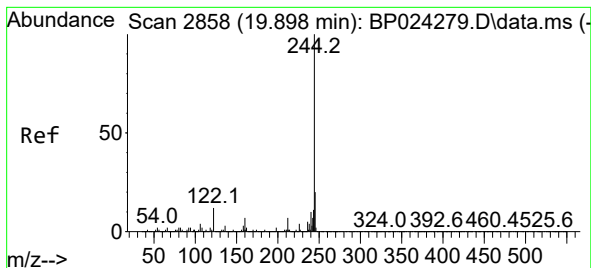
Ion Ratio Lower Upper

184 100

185 15.1 11.6 17.4

183 12.7 9.2 13.8





#79

Terphenyl-d14

Concen: 92.180 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024554.D

Acq: 06 May 2025 19:50

Instrument :

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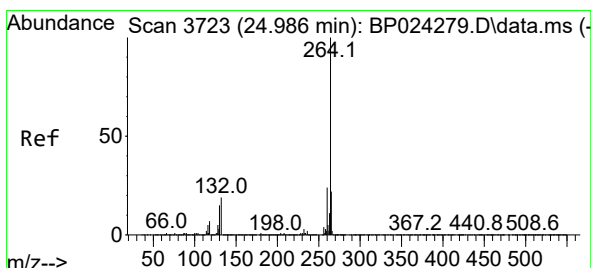
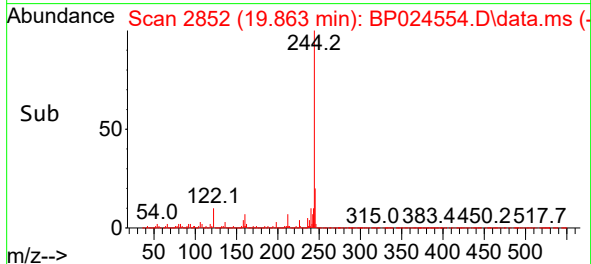
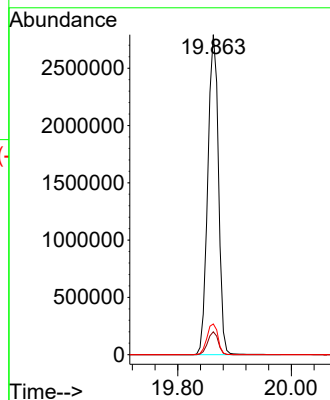
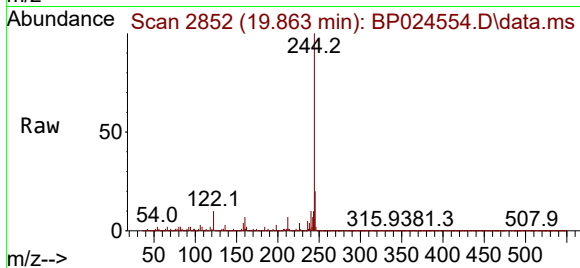
Tgt Ion:244 Resp: 3625733

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 9.6 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.898 min Scan# 3708

Delta R.T. -0.035 min

Lab File: BP024554.D

Acq: 06 May 2025 19:50

Tgt Ion:264 Resp: 963378

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.9 17.8 26.6

