

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050825\
 Data File : BP024571.D
 Acq On : 08 May 2025 16:55
 Operator : RC/JU
 Sample : Q1947-04RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-PRE

Quant Time: May 08 18:34:32 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)

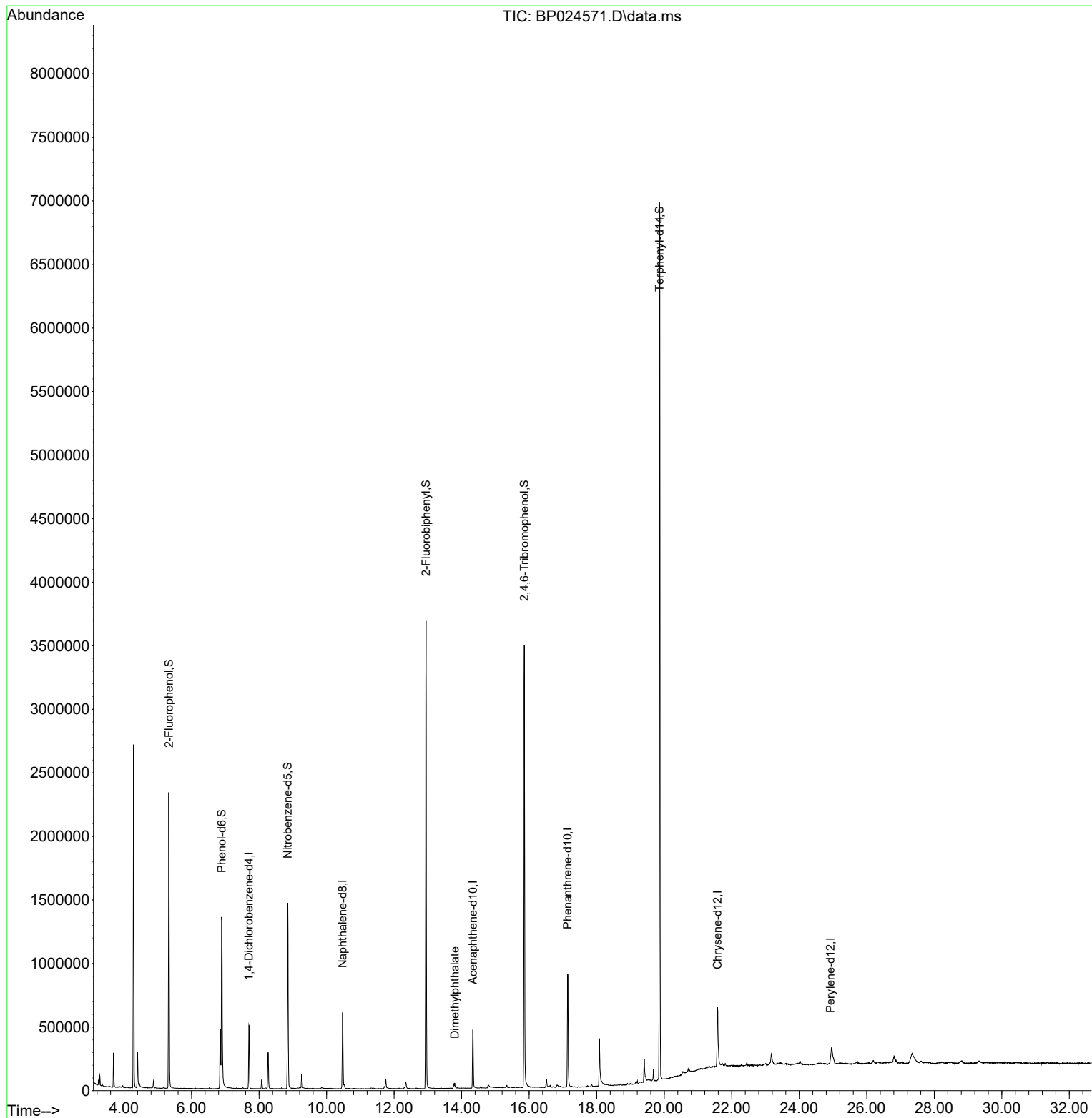
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	132956	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	507754	20.000	ng	#-0.02
39) Acenaphthene-d10	14.334	164	149662	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	547888	20.000	ng	# 0.00
76) Chrysene-d12	21.574	240	207215	20.000	ng	#-0.02
86) Perylene-d12	24.927	264	7302	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1010893	125.716	ng	-0.02
7) Phenol-d6	6.893	99	777819	70.643	ng	-0.02
23) Nitrobenzene-d5	8.851	82	814349	91.452	ng	-0.02
42) 2,4,6-Tribromophenol	15.857	330	751452	362.906	ng	0.00
45) 2-Fluorobiphenyl	12.945	172	1858479	190.131	ng	-0.02
79) Terphenyl-d14	19.863	244	3025268	294.276	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	13.798	163	28539	2.622	ng	100

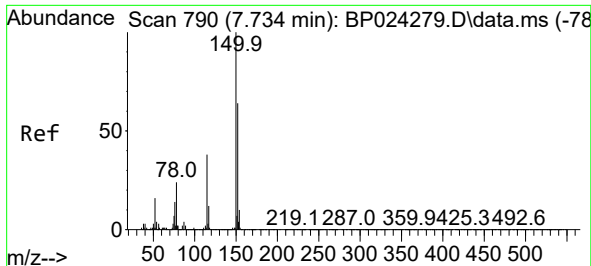
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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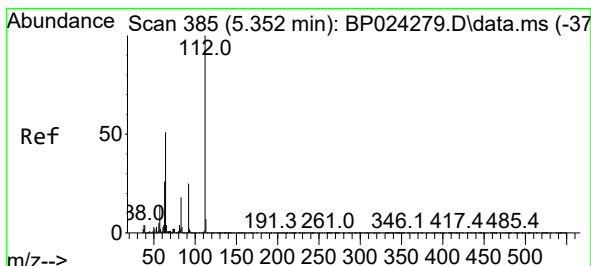
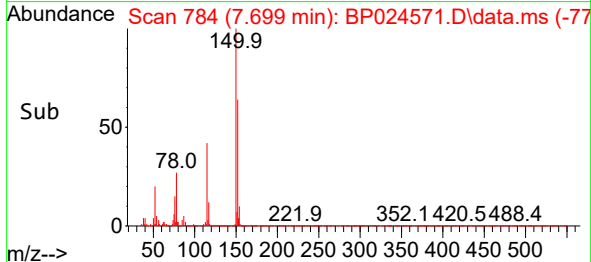
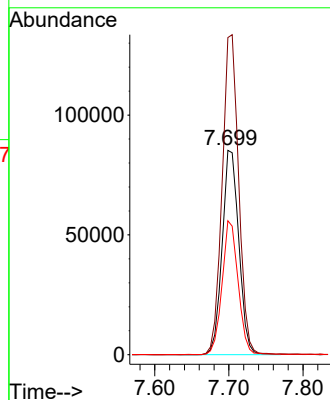
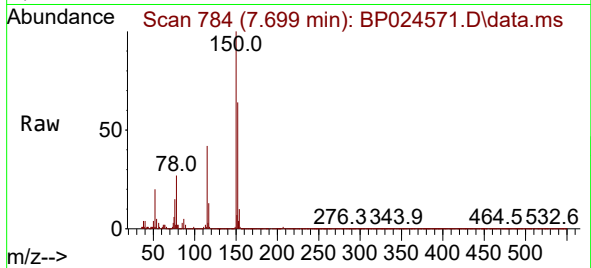




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.699 min Scan# 71
Delta R.T. -0.023 min
Lab File: BP024571.D
Acq: 08 May 2025 16:55

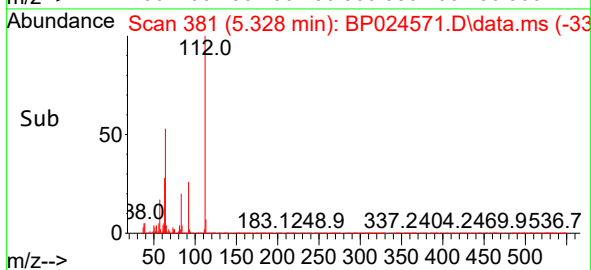
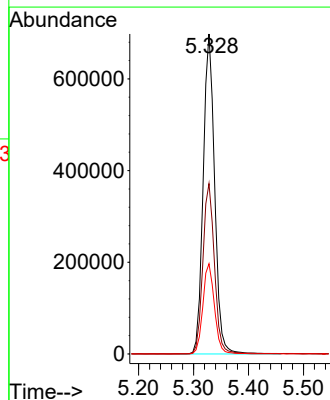
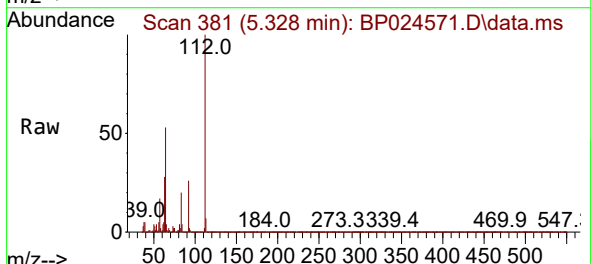
Instrument :
BNA_P
ClientSampleId :
MH-PRE

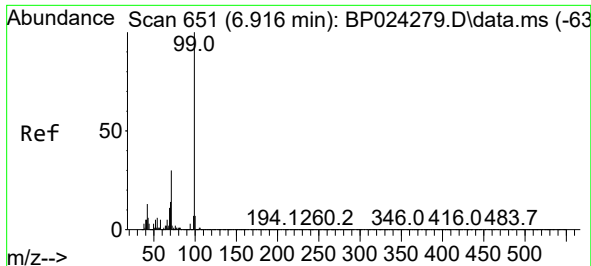
Tgt Ion:152 Resp: 132956
Ion Ratio Lower Upper
152 100
150 155.2 124.9 187.3
115 65.5 47.7 71.5



#5
2-Fluorophenol
Concen: 125.716 ng
RT: 5.328 min Scan# 381
Delta R.T. -0.018 min
Lab File: BP024571.D
Acq: 08 May 2025 16:55

Tgt Ion:112 Resp: 1010893
Ion Ratio Lower Upper
112 100
64 53.2 41.1 61.7
63 28.2 20.6 30.8

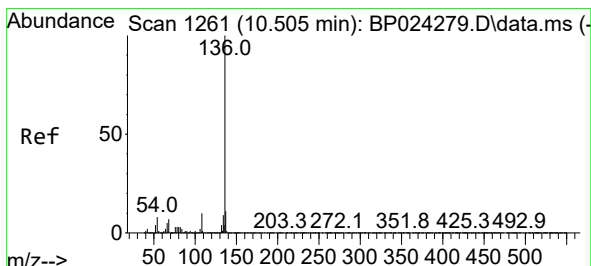
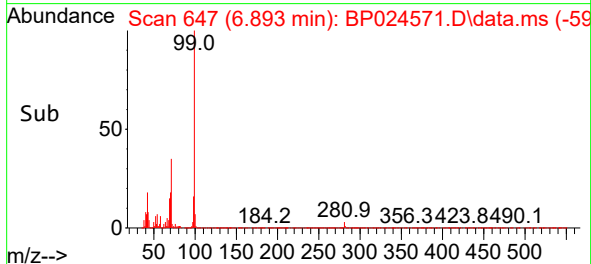
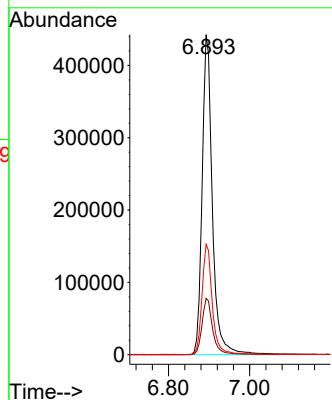
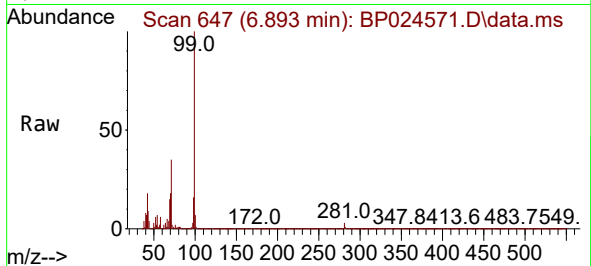




#7
Phenol-d6
Concen: 70.643 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.018 min
Lab File: BP024571.D
Acq: 08 May 2025 16:55

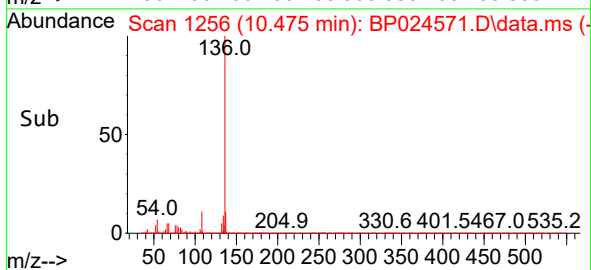
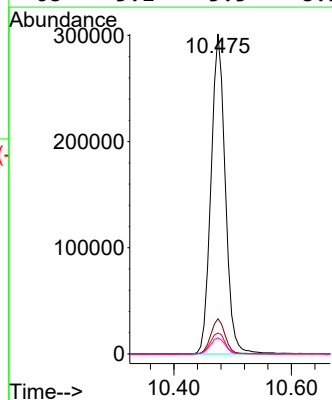
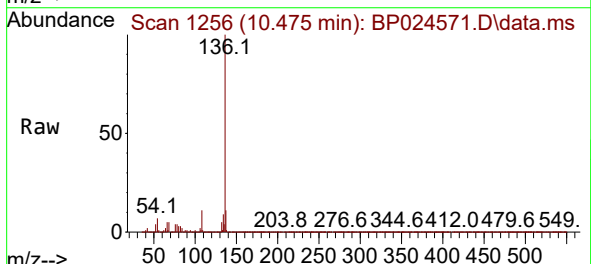
Instrument :
BNA_P
ClientSampleId :
MH-PRE

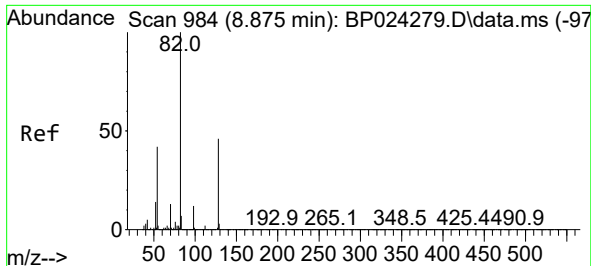
Tgt Ion: 99 Resp: 777819
Ion Ratio Lower Upper
99 100
42 17.6 10.6 16.0#
71 34.5 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.024 min
Lab File: BP024571.D
Acq: 08 May 2025 16:55

Tgt Ion: 136 Resp: 507754
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 6.5 6.0 9.0
68 5.1 5.5 8.3#

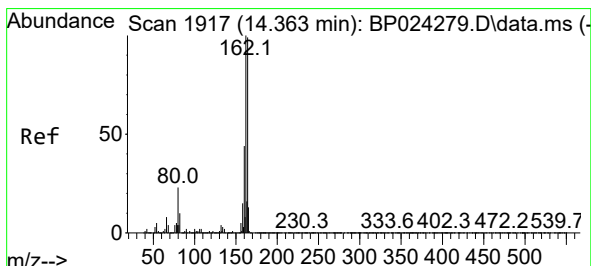
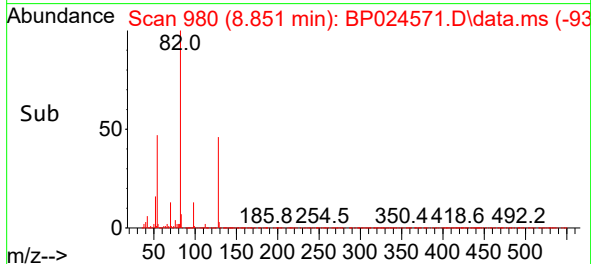
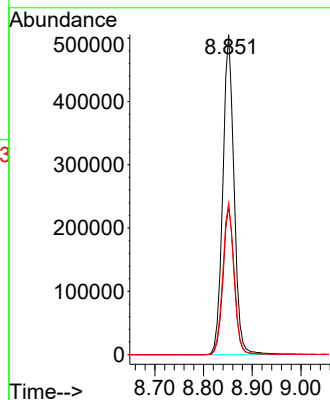
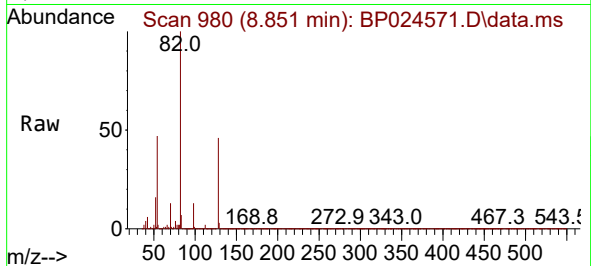




#23
Nitrobenzene-d5
Concen: 91.452 ng
RT: 8.851 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP024571.D
Acq: 08 May 2025 16:55

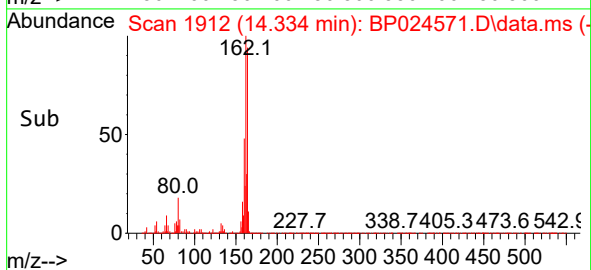
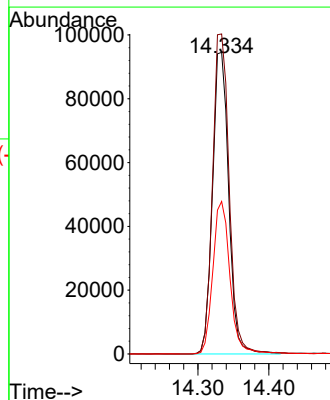
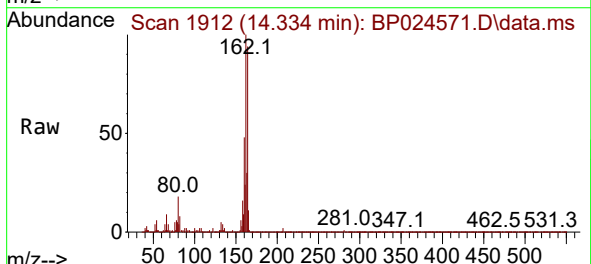
Instrument :
BNA_P
ClientSampleId :
MH-PRE

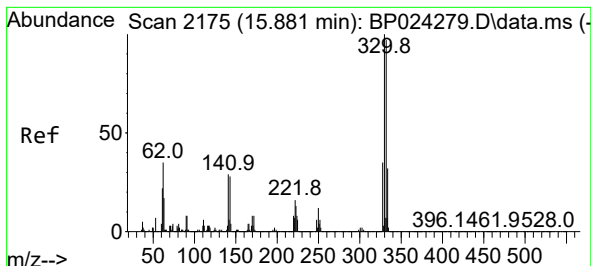
Tgt Ion: 82 Resp: 814349
Ion Ratio Lower Upper
82 100
128 46.3 36.5 54.7
54 47.3 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BP024571.D
Acq: 08 May 2025 16:55

Tgt Ion:164 Resp: 149662
Ion Ratio Lower Upper
164 100
162 106.1 80.6 120.8
160 50.6 35.3 52.9

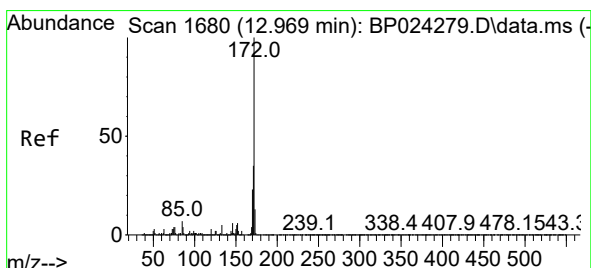
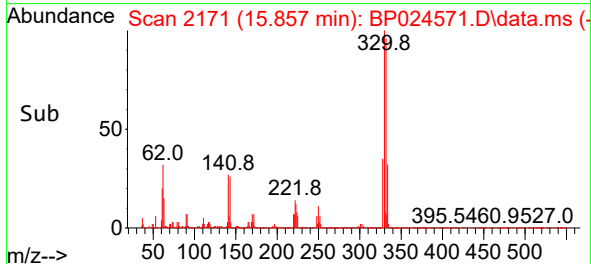
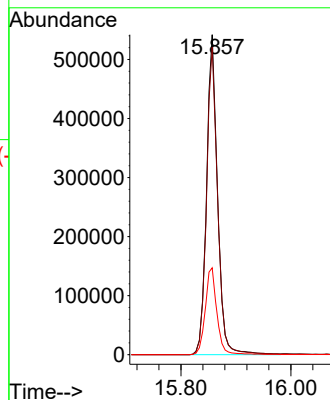
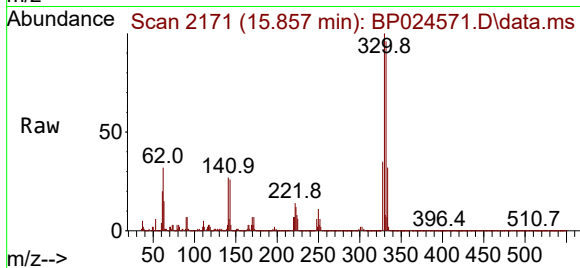




#42
 2,4,6-Tribromophenol
 Concen: 362.906 ng
 RT: 15.857 min Scan# 2171
 Delta R.T. -0.006 min
 Lab File: BP024571.D
 Acq: 08 May 2025 16:55

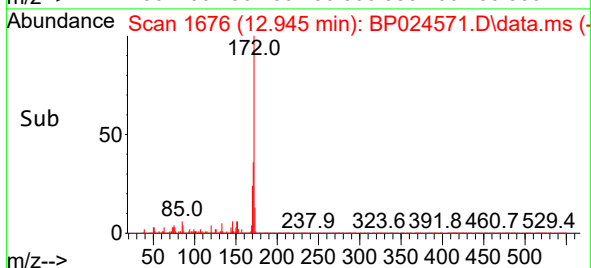
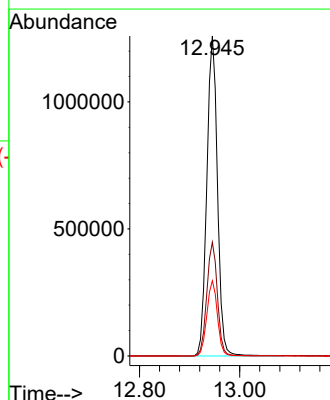
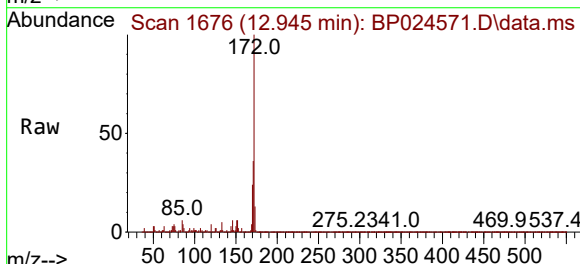
Instrument :
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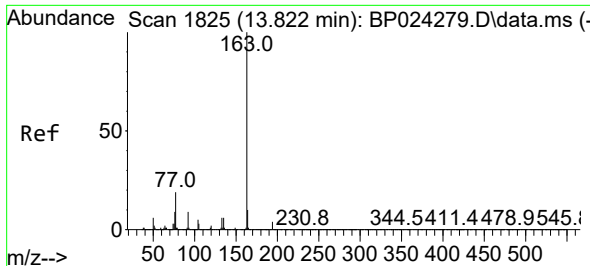
Tgt Ion: 330 Resp: 751452
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.1 115.7
 141 28.8 24.7 37.1



#45
 2-Fluorobiphenyl
 Concen: 190.131 ng
 RT: 12.945 min Scan# 1676
 Delta R.T. -0.018 min
 Lab File: BP024571.D
 Acq: 08 May 2025 16:55

Tgt Ion: 172 Resp: 1858479
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.2 42.2
 170 23.5 18.6 27.8

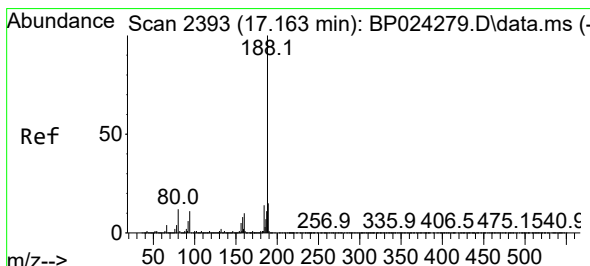
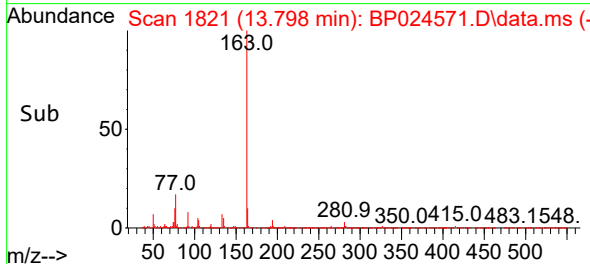
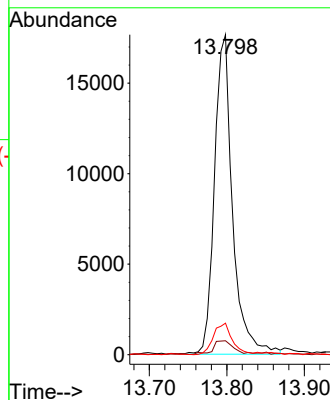
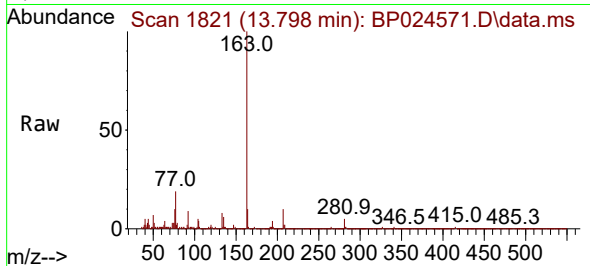




#50
Dimethylphthalate
Concen: 2.622 ng
RT: 13.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BP024571.D
Acq: 08 May 2025 16:55

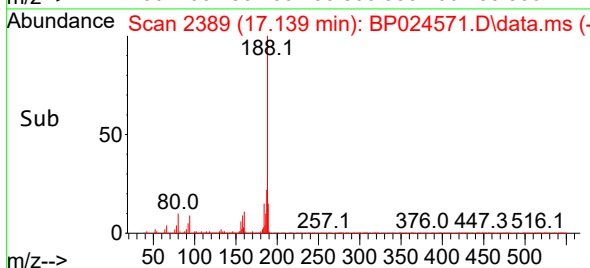
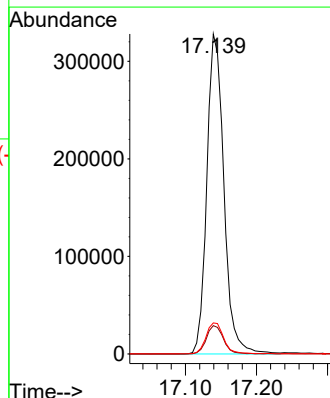
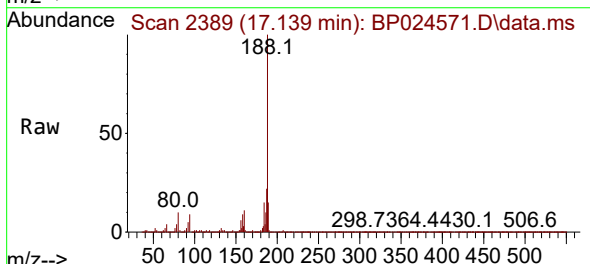
Instrument :
BNA_P
ClientSampleId :
MH-PRE

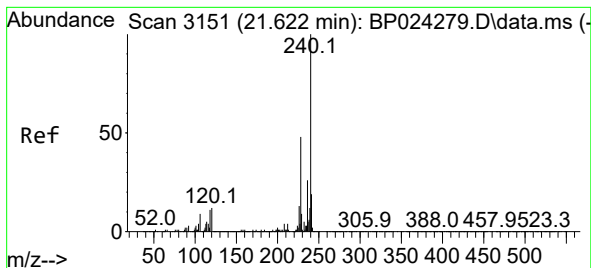
Tgt Ion:163 Resp: 28539
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 9.8 8.0 12.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BP024571.D
Acq: 08 May 2025 16:55

Tgt Ion:188 Resp: 547888
Ion Ratio Lower Upper
188 100
94 8.9 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: BP024571.D

Acq: 08 May 2025 16:55

Instrument :

BNA_P

ClientSampleId :

MH-PRE

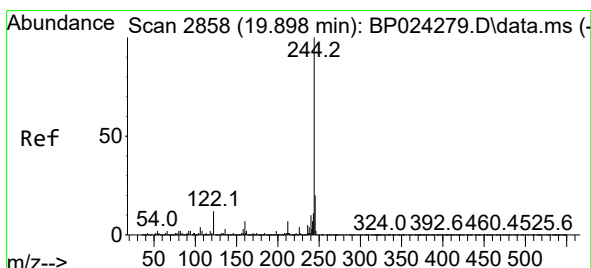
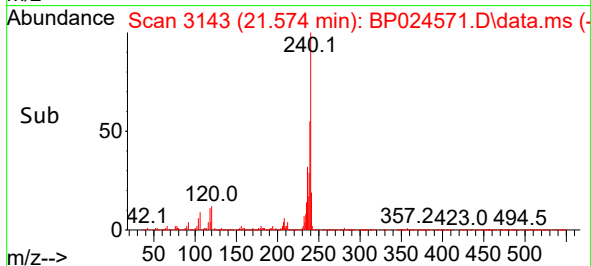
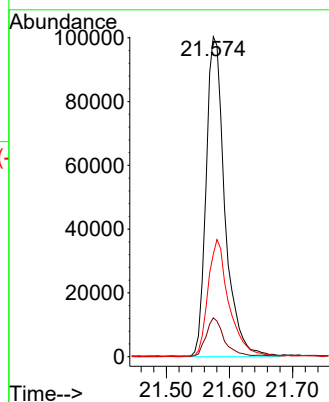
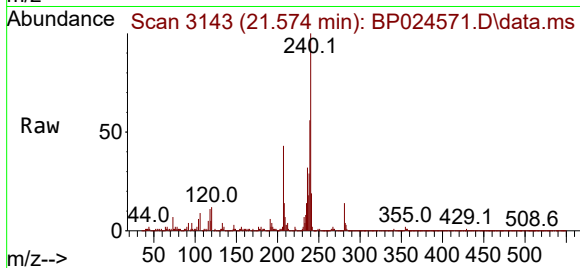
Tgt Ion:240 Resp: 207215

Ion Ratio Lower Upper

240 100

120 12.2 9.8 14.8

236 32.1 20.9 31.3#



#79

Terphenyl-d14

Concen: 294.276 ng

RT: 19.863 min Scan# 2852

Delta R.T. -0.012 min

Lab File: BP024571.D

Acq: 08 May 2025 16:55

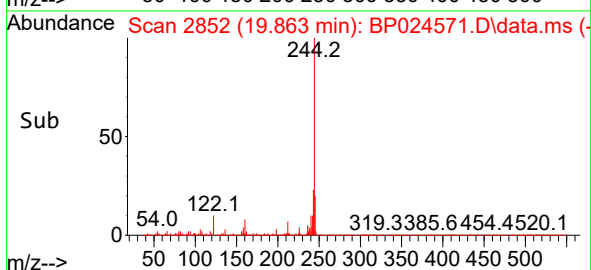
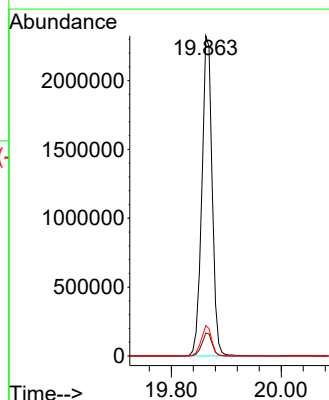
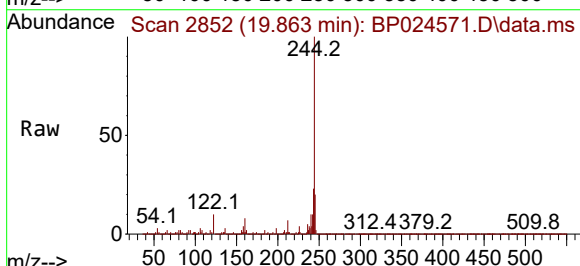
Tgt Ion:244 Resp: 3025268

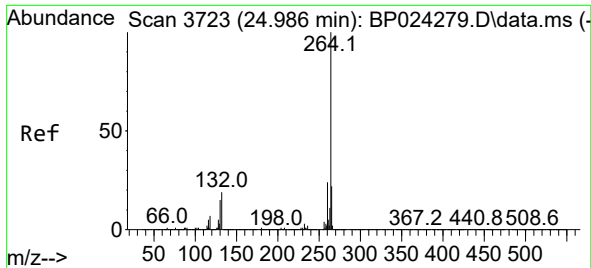
Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 9.5 9.4 14.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.927 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP024571.D
 Acq: 08 May 2025 16:55

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:264 Resp: 7302
 Ion Ratio Lower Upper
 264 100
 260 182.8 18.9 28.3#
 265 95.5 17.8 26.6#

