

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050825\
 Data File : BP024571.D
 Acq On : 08 May 2025 16:55
 Operator : RC/JU
 Sample : Q1947-04
 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)

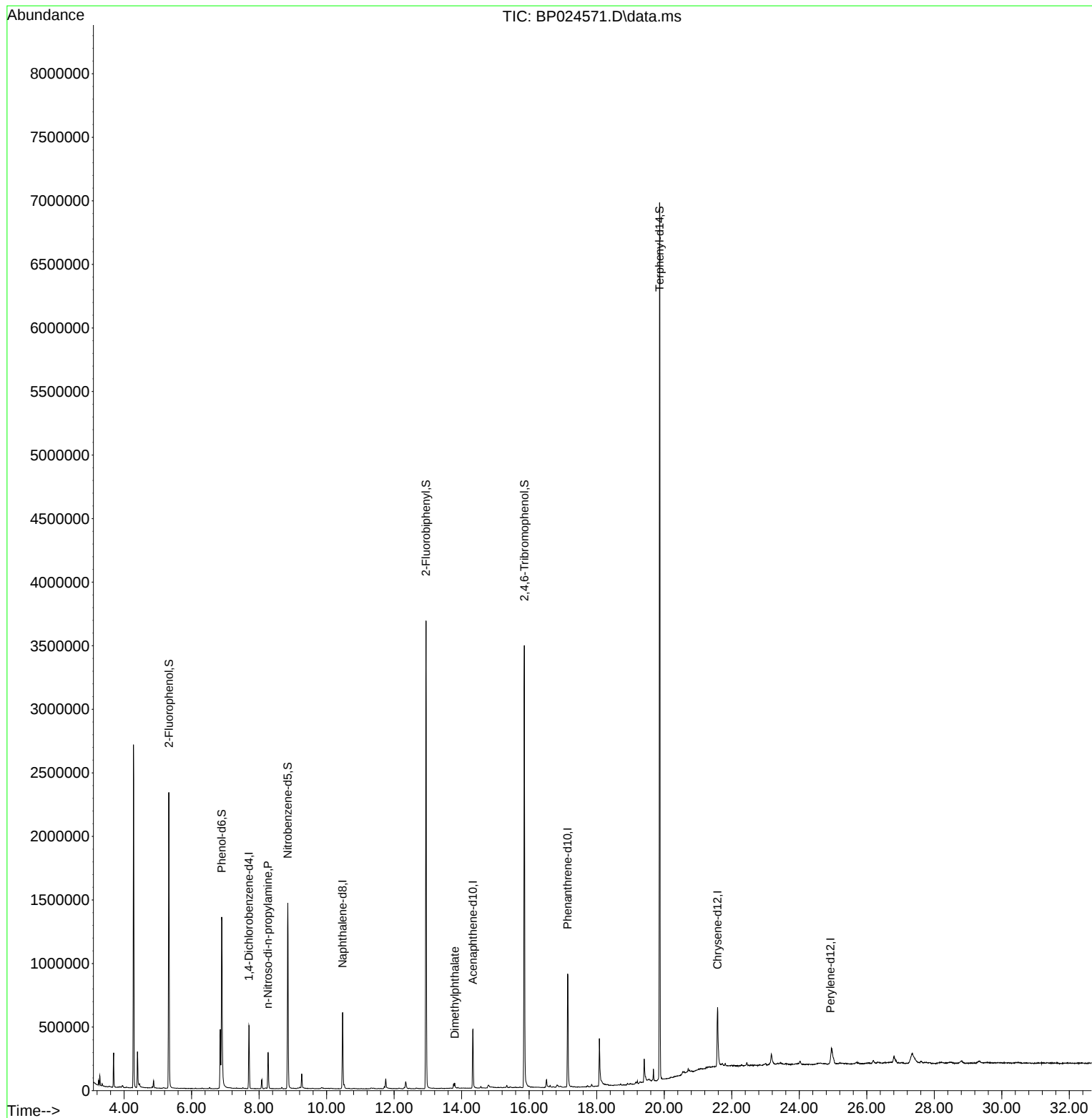
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	132956	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	507754	20.000	ng	#-0.02
39) Acenaphthene-d10	14.334	164	149662	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	547888	20.000	ng	# 0.00
76) Chrysene-d12	21.574	240	207215	20.000	ng	#-0.02
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						
19) n-Nitroso-di-n-propyla...	8.263	70	25552	3.751	ng	# 31
50) Dimethylphthalate	13.798	163	28539	2.622	ng	100

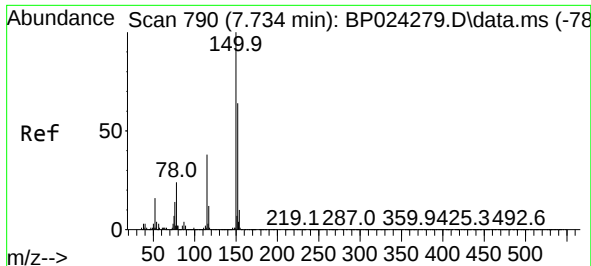
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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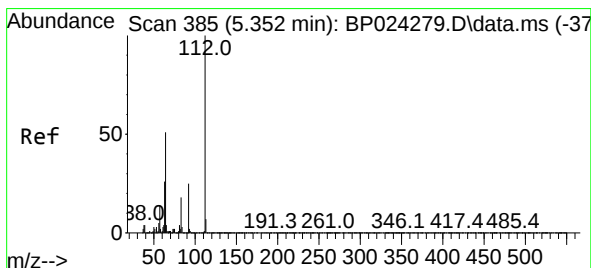
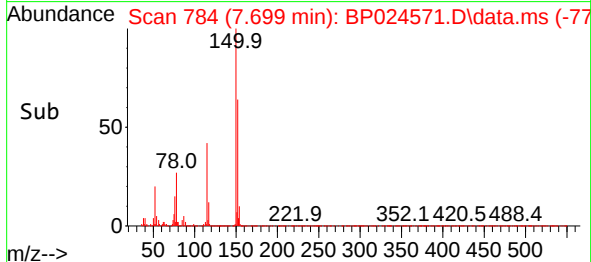
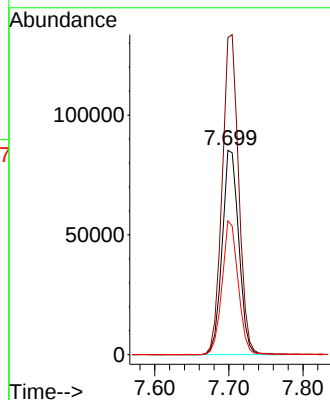
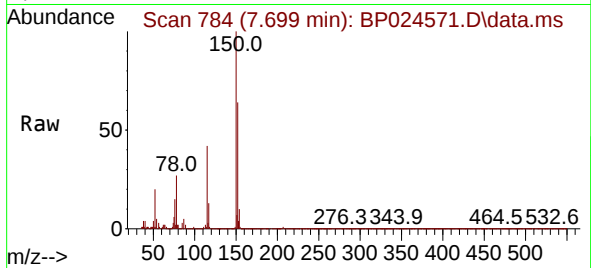




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.699 min Scan# 71
Delta R.T. -0.023 min
Lab File: BP024571.D
Acq: 08 May 2025 16:55

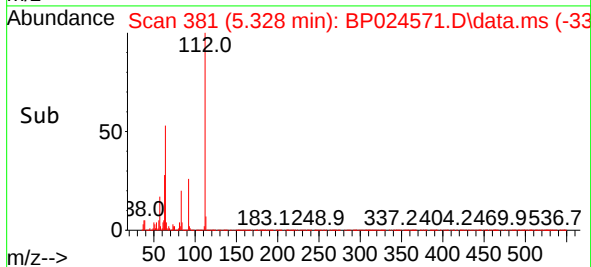
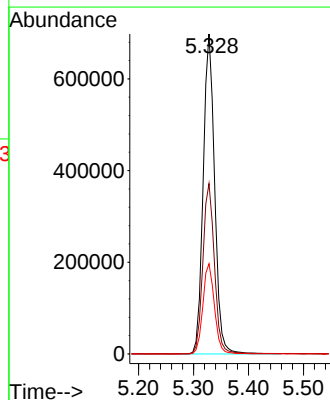
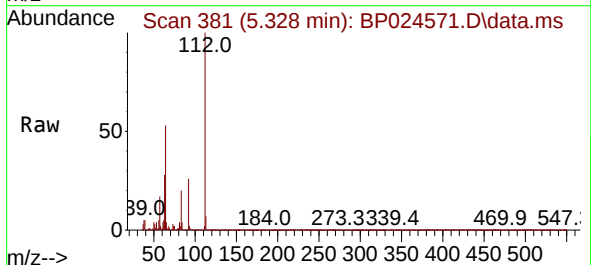
Instrument :
BNA_P
ClientSampleId :
MH-PRE

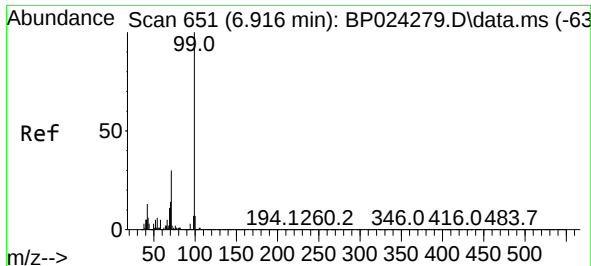
Tgt Ion:152 Resp: 132956
Ion Ratio Lower Upper
152 100
150 155.2 124.9 187.3
115 65.5 47.7 71.5



#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

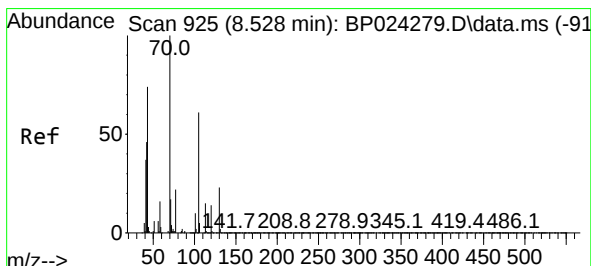
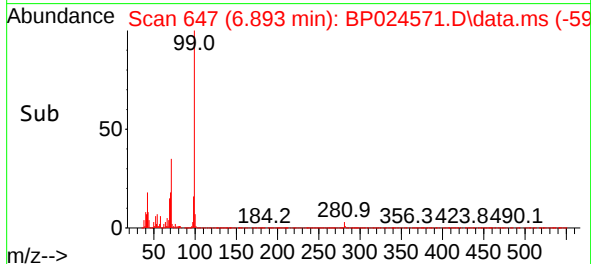
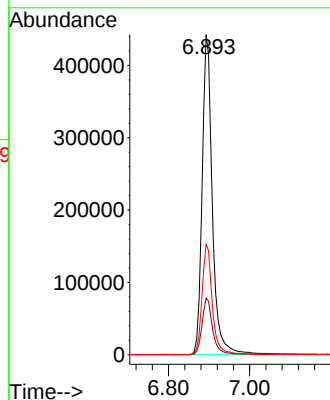
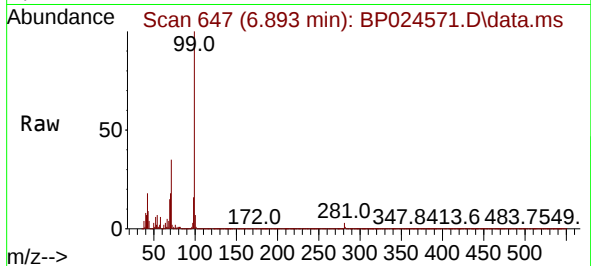




#7
Phenol-d6
Concen: 70.643 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.018 min
Lab File: BP024571.D
Acq: 08 May 2025 16:55

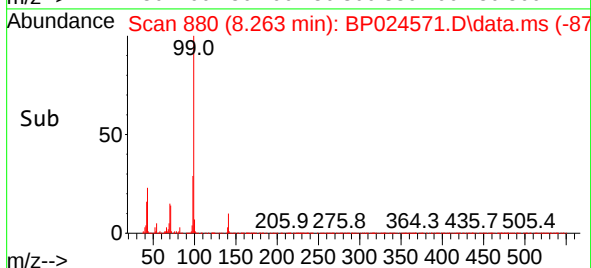
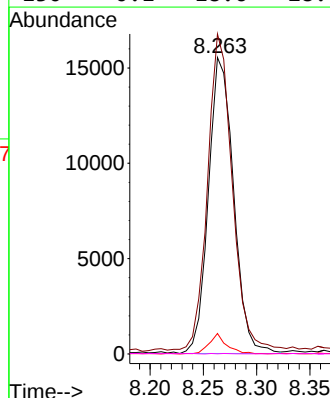
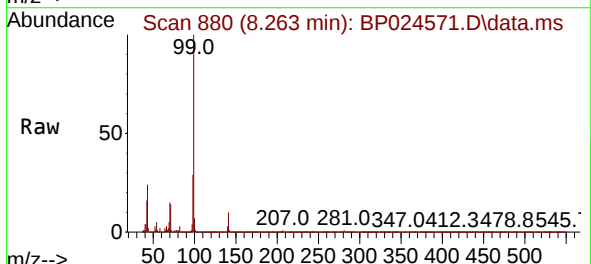
Instrument :
BNA_P
ClientSampleId :
MH-PRE

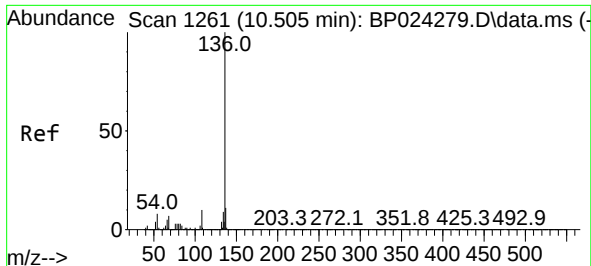
Tgt Ion: 99 Resp: 777819
Ion Ratio Lower Upper
99 100
42 17.6 10.6 16.0#
71 34.5 23.7 35.5



#19
n-Nitroso-di-n-propylamine
Concen: 3.751 ng
RT: 8.263 min Scan# 880
Delta R.T. -0.259 min
Lab File: BP024571.D
Acq: 08 May 2025 16:55

Tgt Ion: 70 Resp: 25552
Ion Ratio Lower Upper
70 100
42 107.9 37.3 55.9#
101 6.9 8.2 12.4#
130 0.1 18.6 28.0#

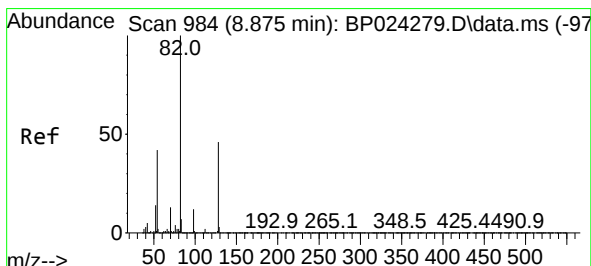
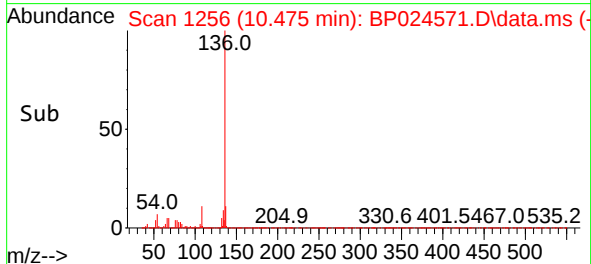
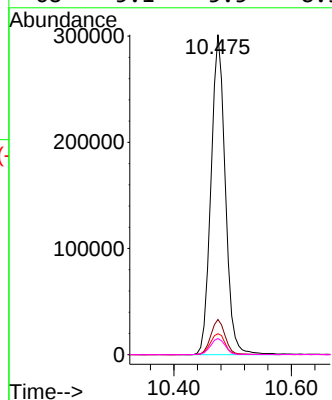
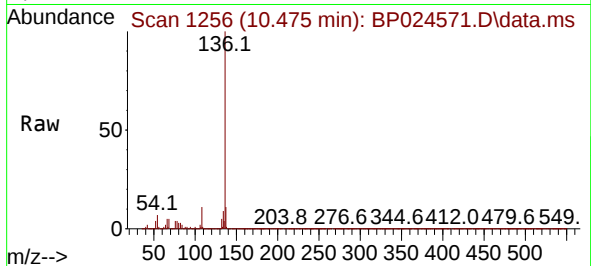




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP024571.D
Acq: 08 May 2025 16:55

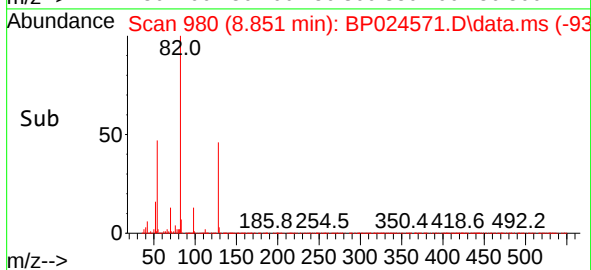
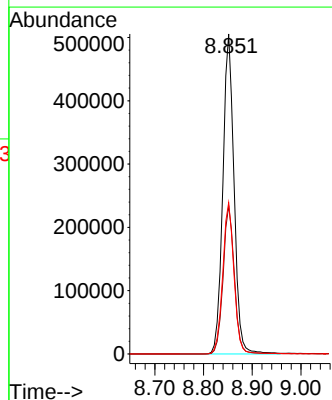
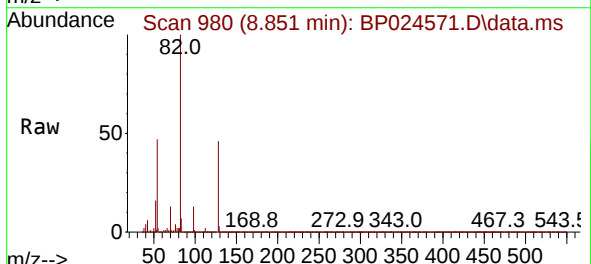
Instrument :
BNA_P
ClientSampleId :
MH-PRE

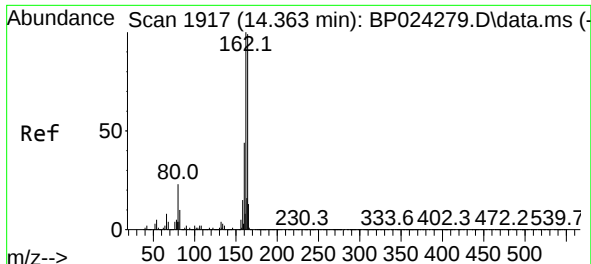
Tgt Ion:	136	Resp:	507754
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	6.5	6.0	9.0
68	5.1	5.5	8.3



#23
Nitrobenzene-d5
Concen: 91.452 ng
RT: 8.851 min Scan# 980
Delta R.T. -0.018 min
Lab File: BP024571.D
Acq: 08 May 2025 16:55

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

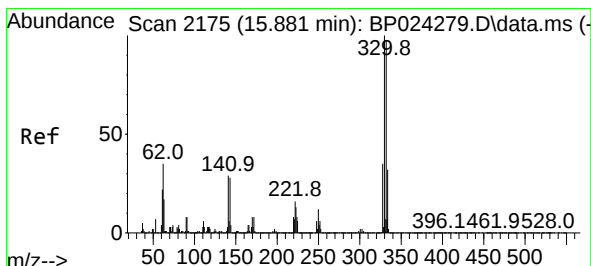
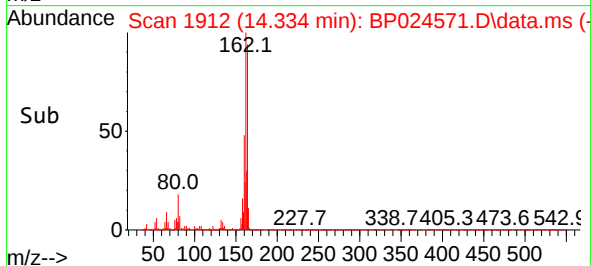
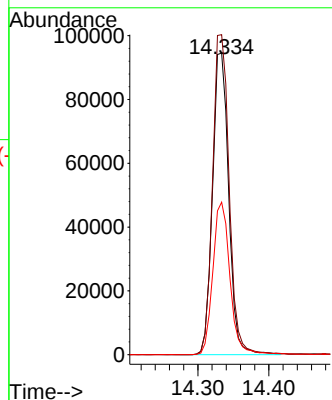
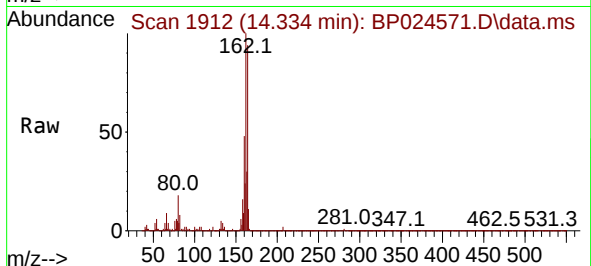




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1917
Delta R.T. -0.018 min
Lab File: BP024571.D
Acq: 08 May 2025 16:55

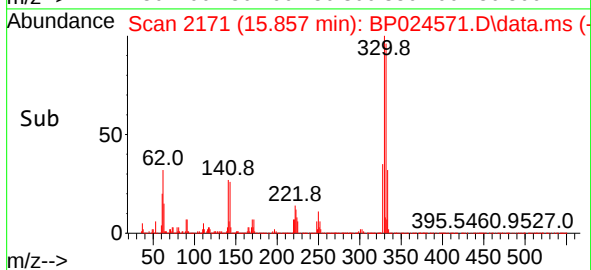
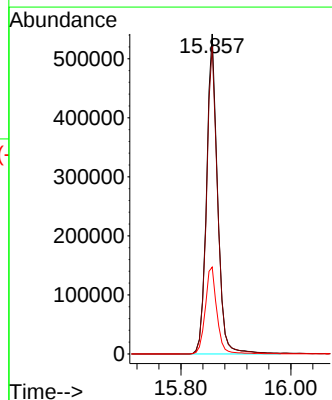
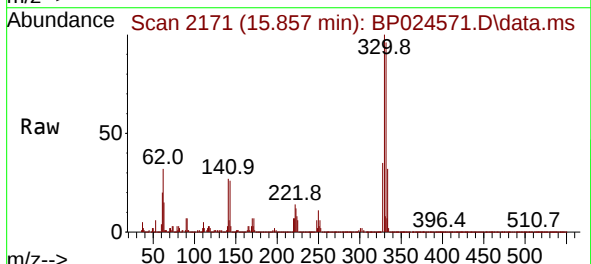
Instrument :
BNA_P
ClientSampleId :
MH-PRE

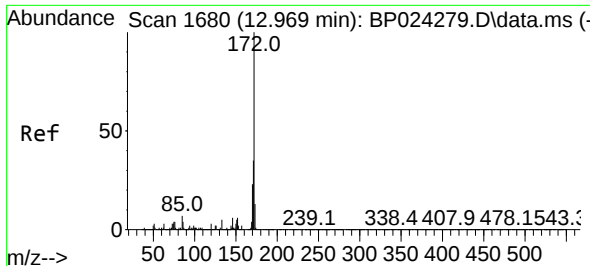
Tgt Ion:164 Resp: 149662
Ion Ratio Lower Upper
164 100
162 106.1 80.6 120.8
160 50.6 35.3 52.9



#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

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

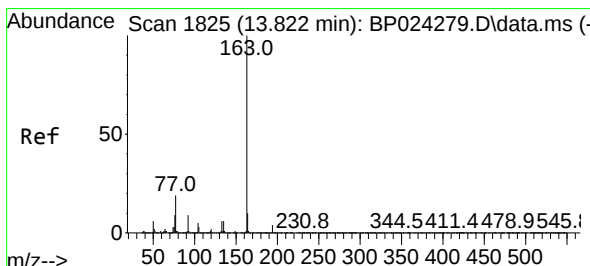
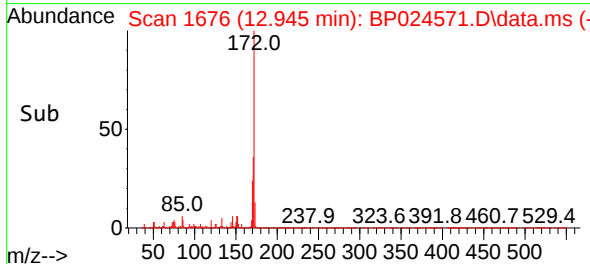
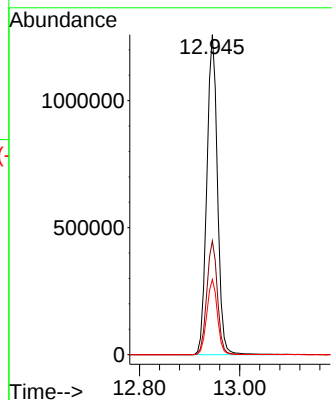
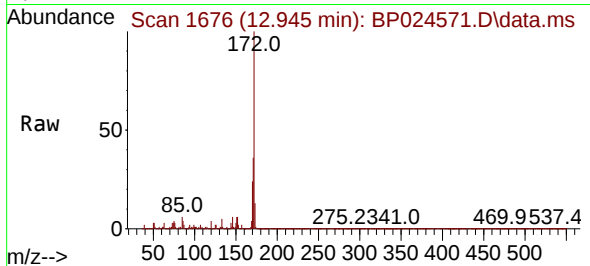




#45
2-Fluorobiphenyl
Concen: 190.131 ng
RT: 12.945 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024571.D
Acq: 08 May 2025 16:55

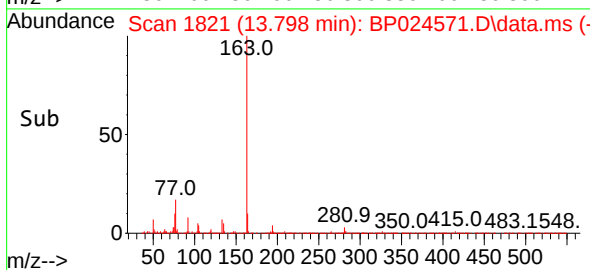
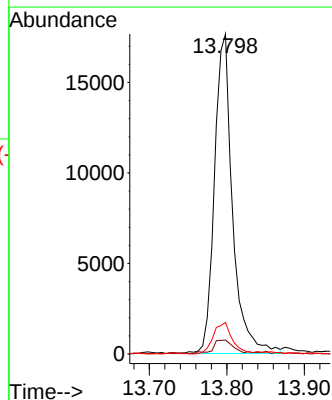
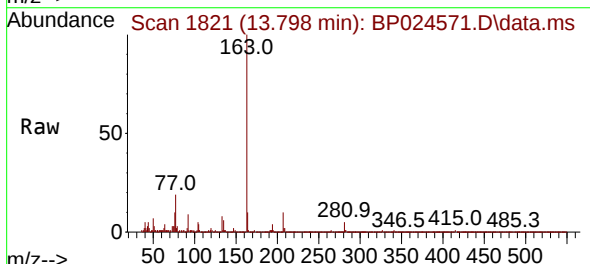
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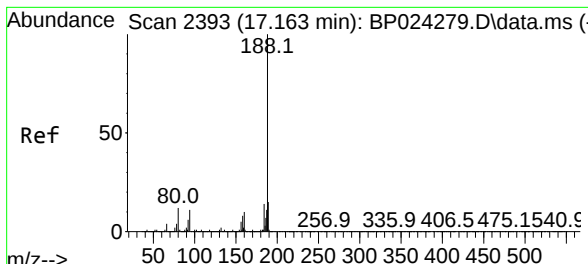
Tgt Ion:172 Resp: 1858479
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.5 18.6 27.8



#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

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

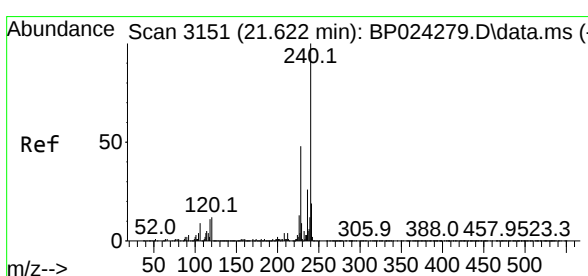
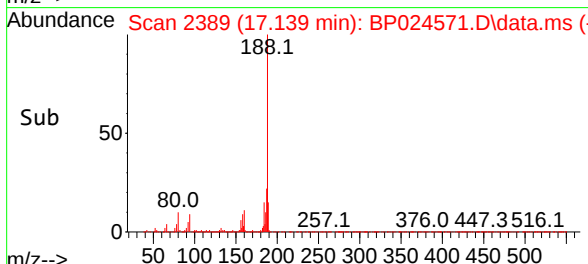
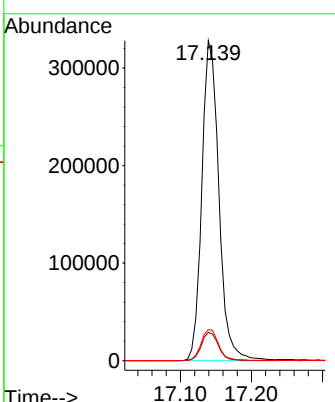
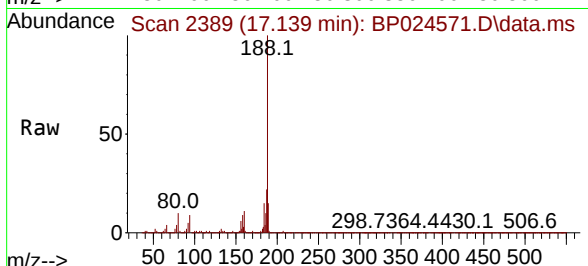




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.139 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP024571.D
 Acq: 08 May 2025 16:55

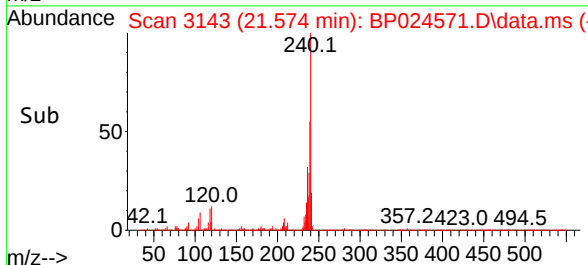
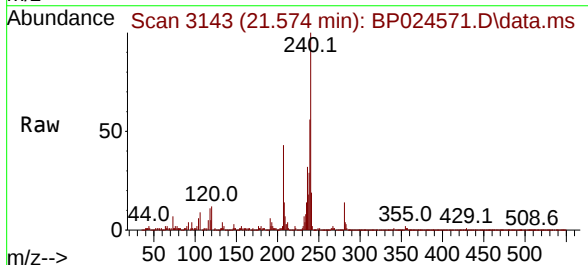
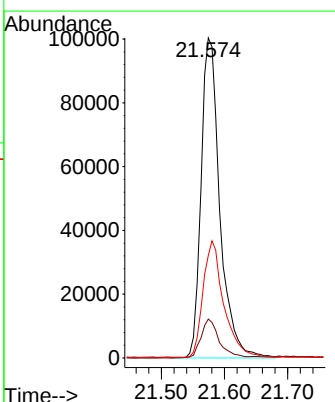
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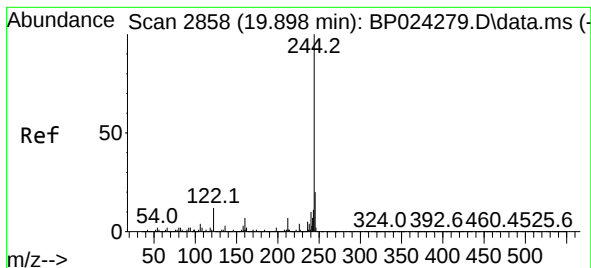
Tgt Ion:	188	Resp:	547888
Ion Ratio	100	Lower	Upper
188	100		
94	8.9	8.6	13.0
80	9.7	9.8	14.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.574 min Scan# 3143
 Delta R.T. -0.018 min
 Lab File: BP024571.D
 Acq: 08 May 2025 16:55

Tgt Ion:	240	Resp:	207215
Ion Ratio	100	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# 21

Delta R.T. -0.012 min

Lab File: BP024571.D

Acq: 08 May 2025 16:55

Instrument :

BNA_P

ClientSampleId :

MH-PRE

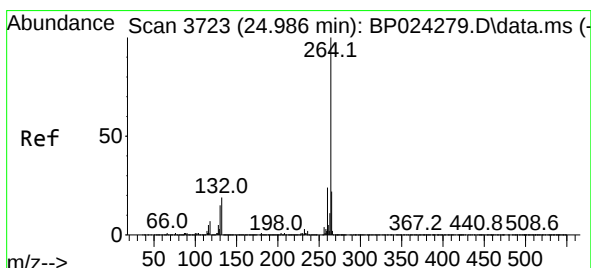
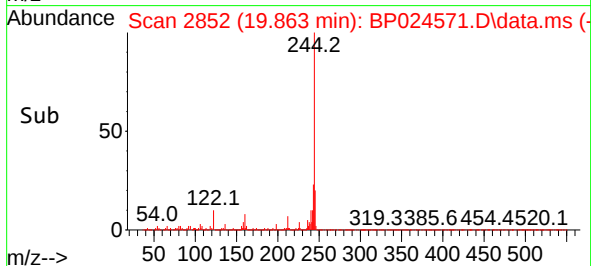
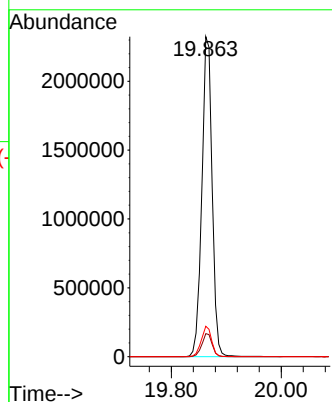
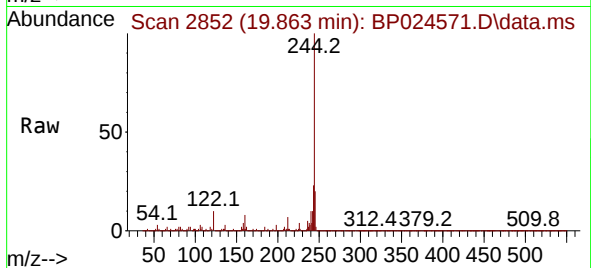
Tgt Ion:244 Resp: 3025268

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# 3713

Delta R.T. -0.006 min

Lab File: BP024571.D

Acq: 08 May 2025 16:55

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#

