

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP073125\
 Data File : BP025279.D
 Acq On : 31 Jul 2025 14:04
 Operator : CG/JU
 Sample : PB169066BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169066BL

Quant Time: Jul 31 15:00:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 29 15:28:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.396	152	349441	20.000	ng	0.00
21) Naphthalene-d8	10.137	136	1313420	20.000	ng	0.00
39) Acenaphthene-d10	14.042	164	829246	20.000	ng	0.00
64) Phenanthrene-d10	16.866	188	1776715	20.000	ng	-0.01
76) Chrysene-d12	21.295	240	2047066	20.000	ng	-0.01
86) Perylene-d12	24.401	264	2382718	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	2871631	138.851	ng	-0.01
7) Phenol-d6	6.643	99	3398547	132.679	ng	0.00
23) Nitrobenzene-d5	8.531	82	2054654	86.936	ng	0.00
42) 2,4,6-Tribromophenol	15.584	330	1617950	132.349	ng	0.00
45) 2-Fluorobiphenyl	12.637	172	5163244	87.781	ng	-0.01
79) Terphenyl-d14	19.630	244	9304137	89.722	ng	0.00

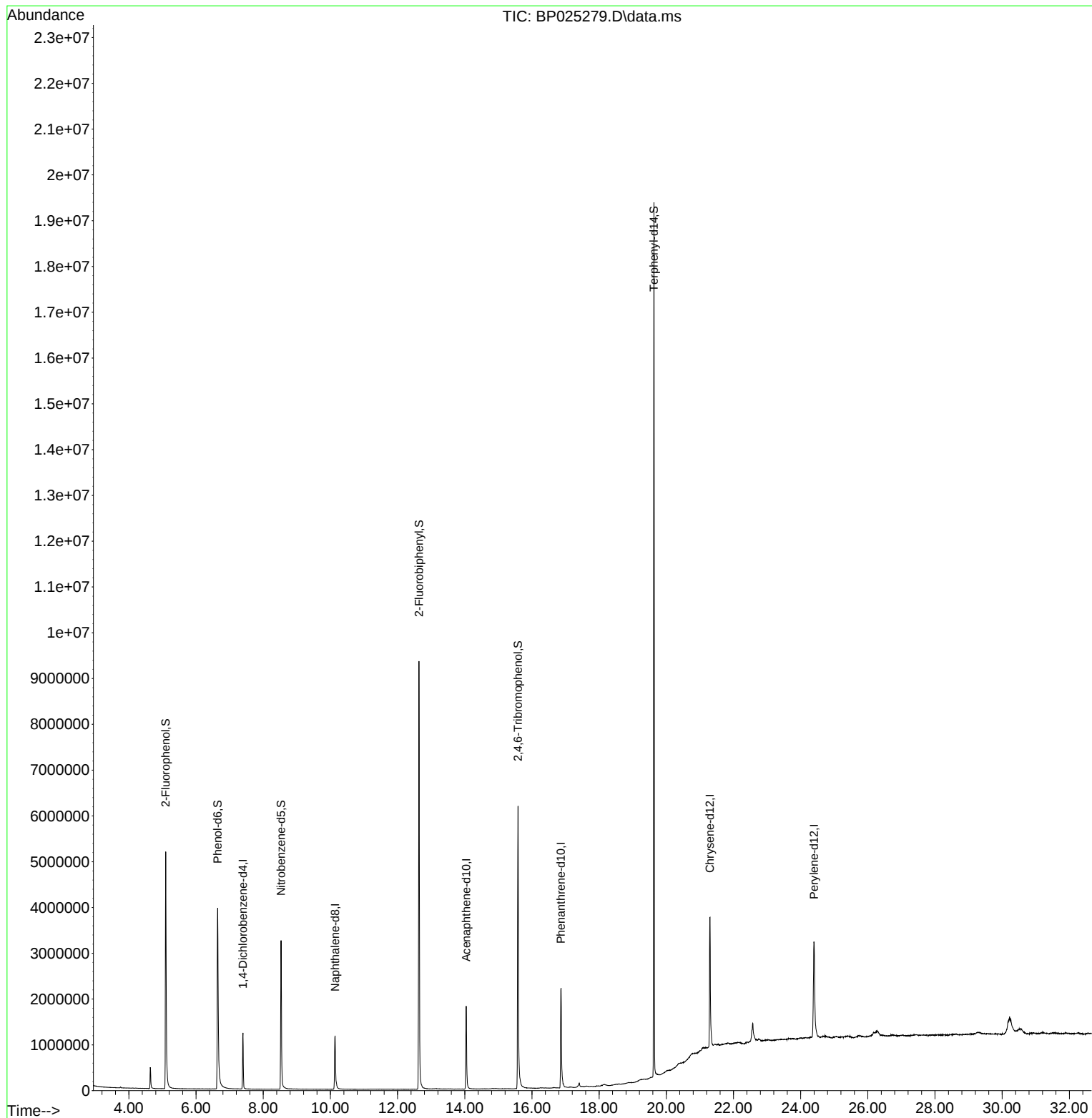
Target Compounds	Qvalue

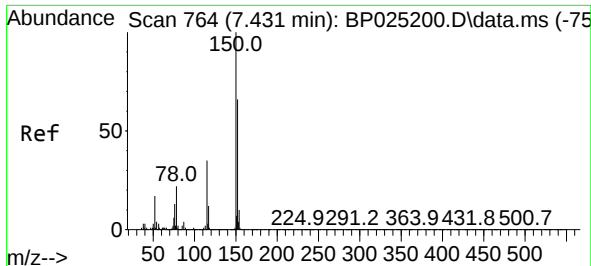
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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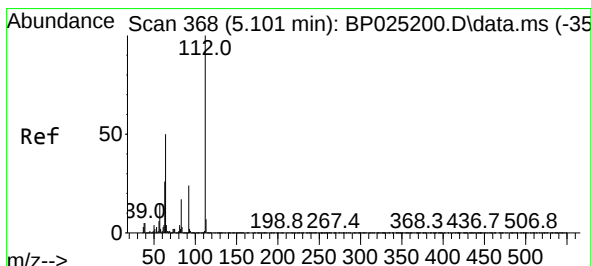
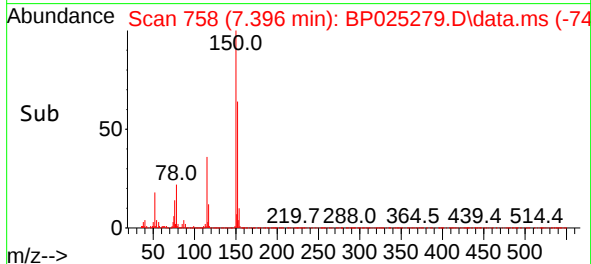
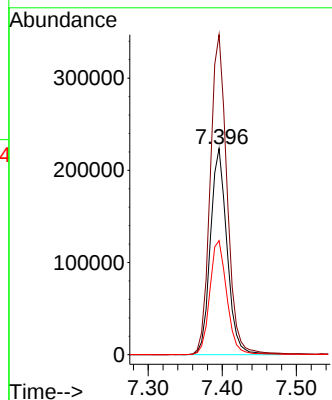
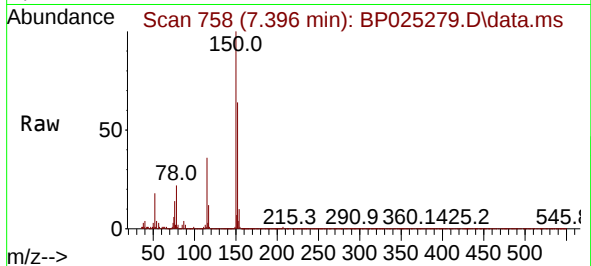




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.396 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP025279.D
Acq: 31 Jul 2025 14:04

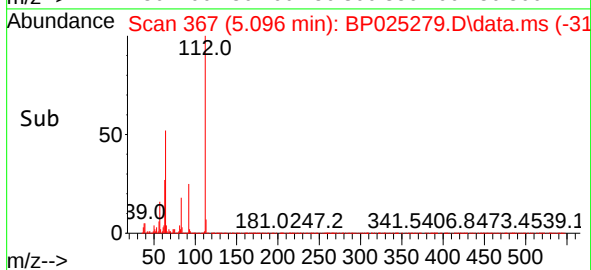
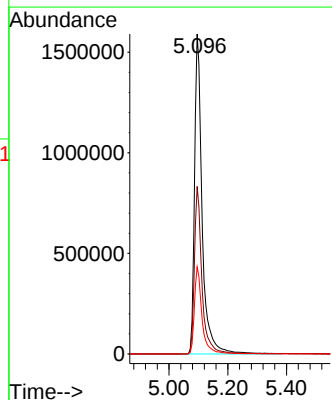
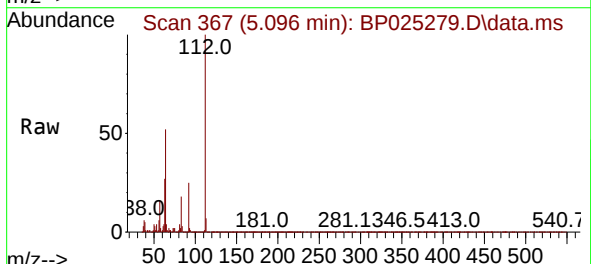
Instrument :
BNA_P
ClientSampleId :
PB169066BL

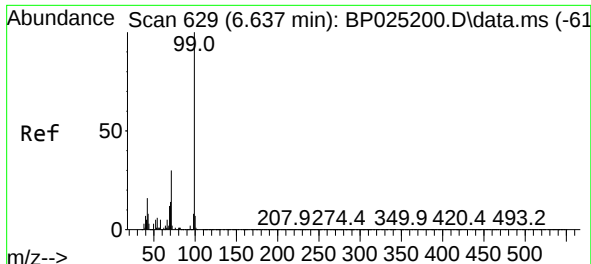
Tgt Ion:152 Resp: 349441
Ion Ratio Lower Upper
152 100
150 155.2 121.9 182.9
115 55.3 43.0 64.6



#5
2-Fluorophenol
Concen: 138.851 ng
RT: 5.096 min Scan# 367
Delta R.T. -0.012 min
Lab File: BP025279.D
Acq: 31 Jul 2025 14:04

Tgt Ion:112 Resp: 2871631
Ion Ratio Lower Upper
112 100
64 52.3 39.8 59.6
63 27.2 20.5 30.7

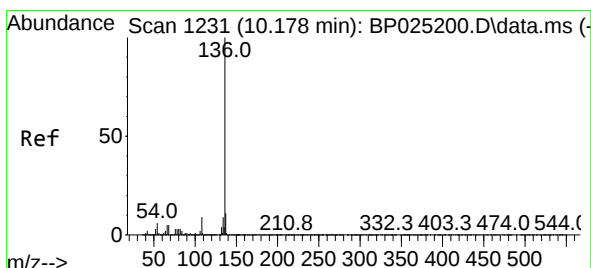
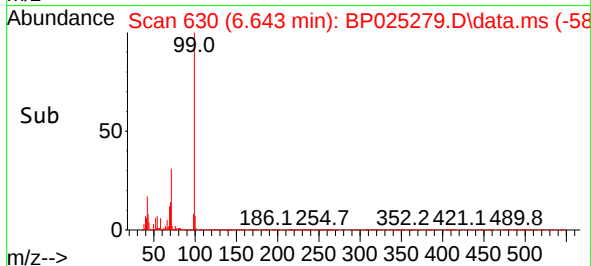
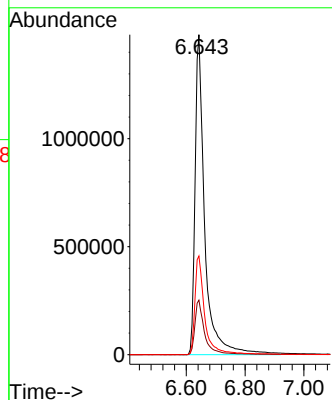
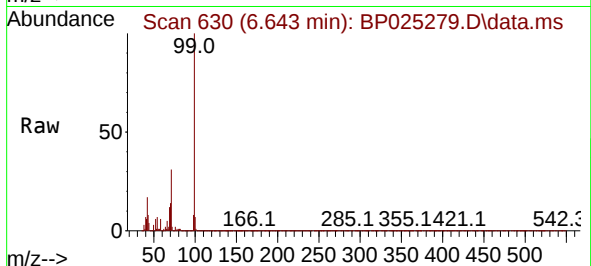




#7
Phenol-d6
Concen: 132.679 ng
RT: 6.643 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025279.D
Acq: 31 Jul 2025 14:04

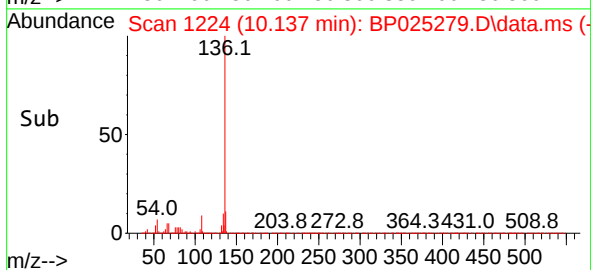
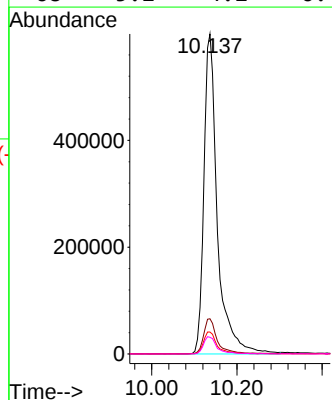
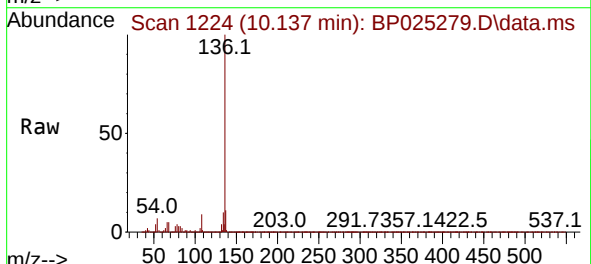
Instrument :
BNA_P
ClientSampleId :
PB169066BL

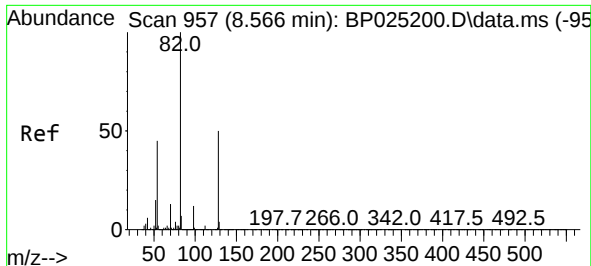
Tgt Ion: 99 Resp: 3398547
Ion Ratio Lower Upper
99 100
42 17.1 12.5 18.7
71 30.9 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.137 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BP025279.D
Acq: 31 Jul 2025 14:04

Tgt Ion:136 Resp: 1313420
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.8 5.1 7.7
68 5.2 4.2 6.4

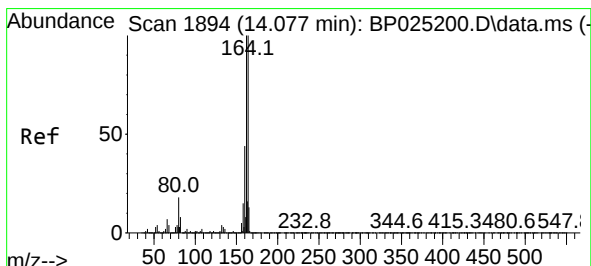
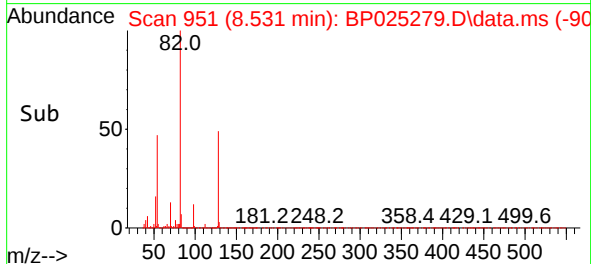
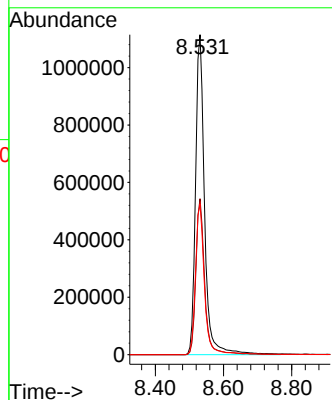
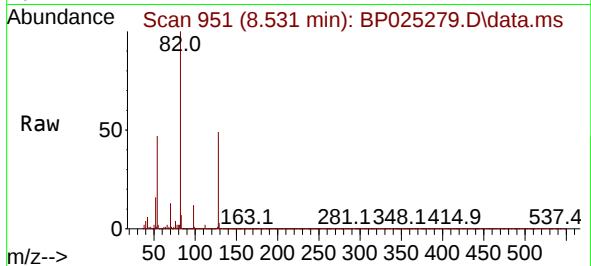




#23
Nitrobenzene-d5
Concen: 86.936 ng
RT: 8.531 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025279.D
Acq: 31 Jul 2025 14:04

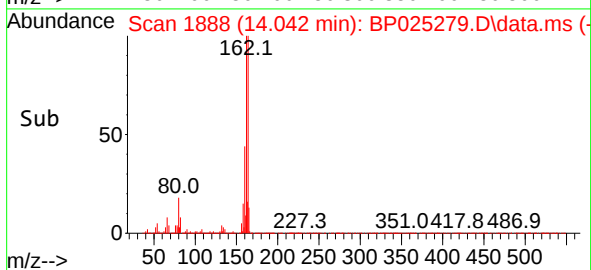
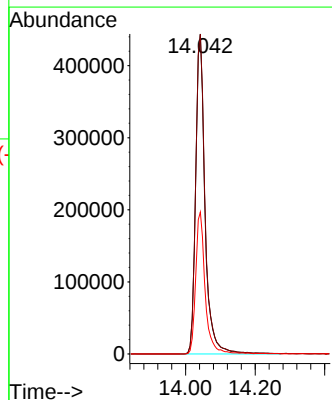
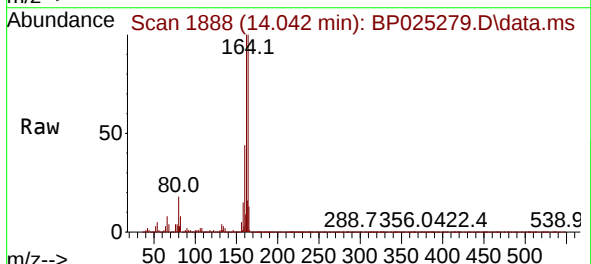
Instrument :
BNA_P
ClientSampleId :
PB169066BL

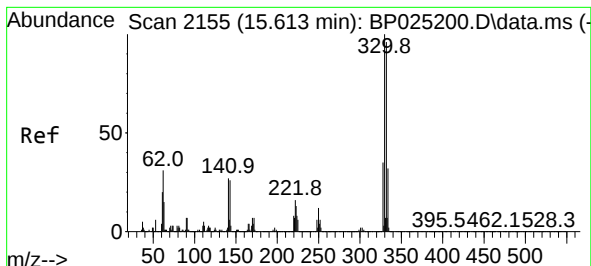
Tgt Ion: 82 Resp: 2054654
Ion Ratio Lower Upper
82 100
128 48.7 40.2 60.4
54 47.1 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.042 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BP025279.D
Acq: 31 Jul 2025 14:04

Tgt Ion: 164 Resp: 829246
Ion Ratio Lower Upper
164 100
162 99.8 80.3 120.5
160 44.3 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 132.349 ng

RT: 15.584 min Scan# 2155

Delta R.T. 0.006 min

Lab File: BP025279.D

Acq: 31 Jul 2025 14:04

Instrument :

BNA_P

ClientSampleId :

PB169066BL

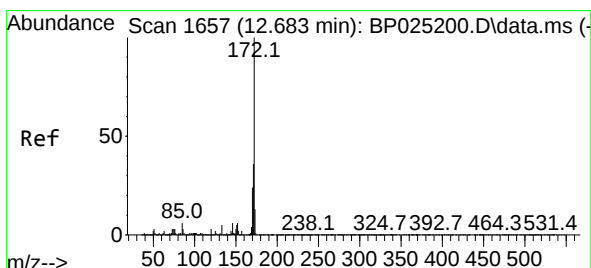
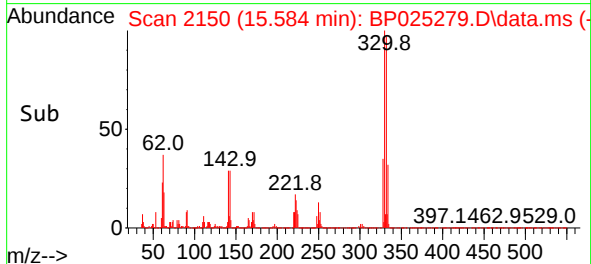
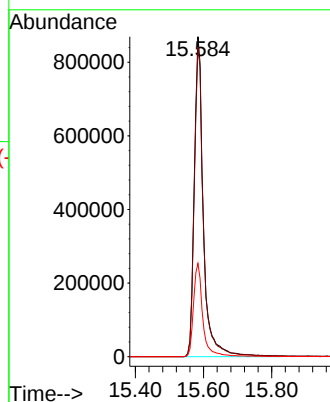
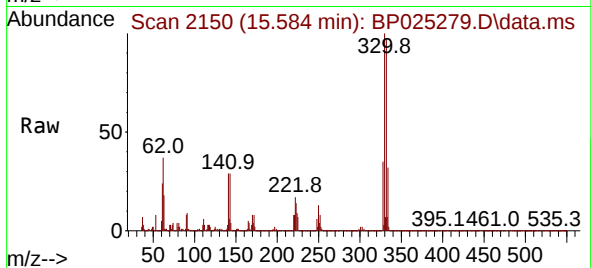
Tgt Ion:330 Resp: 1617950

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

141 29.2 22.4 33.6



#45

2-Fluorobiphenyl

Concen: 87.781 ng

RT: 12.637 min Scan# 1649

Delta R.T. -0.012 min

Lab File: BP025279.D

Acq: 31 Jul 2025 14:04

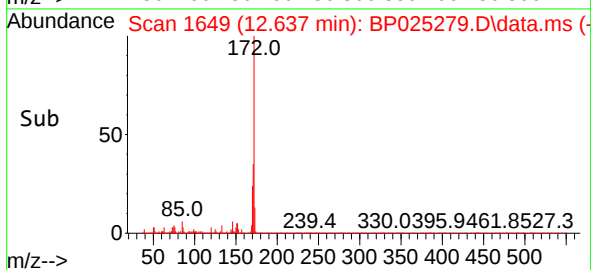
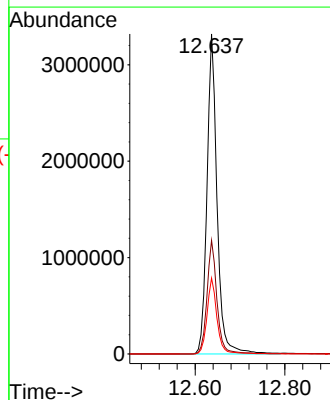
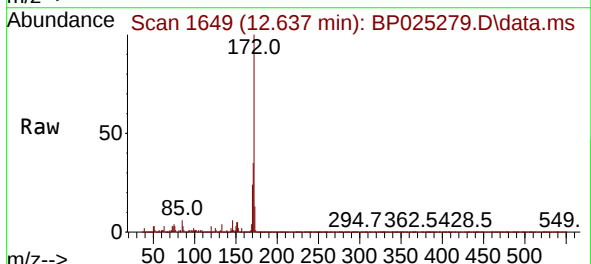
Tgt Ion:172 Resp: 5163244

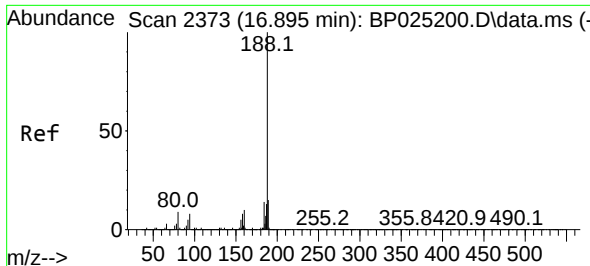
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.7 19.2 28.8

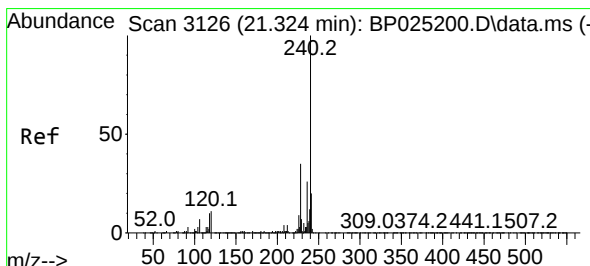
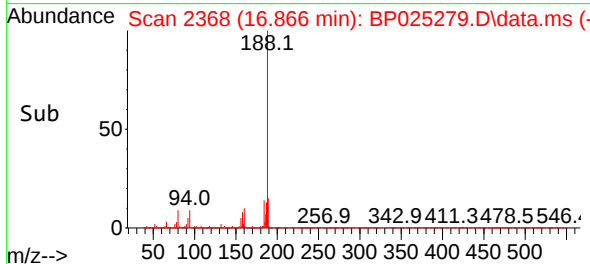
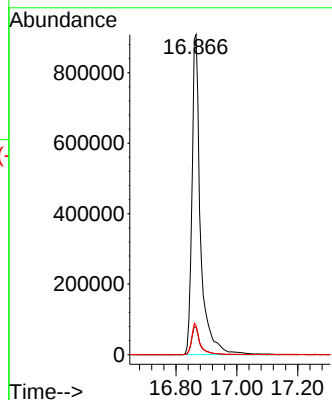
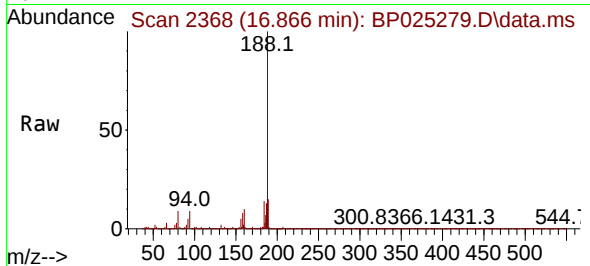




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.866 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025279.D
Acq: 31 Jul 2025 14:04

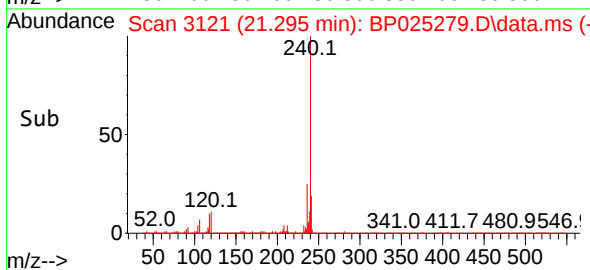
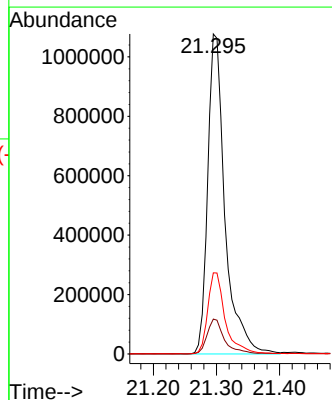
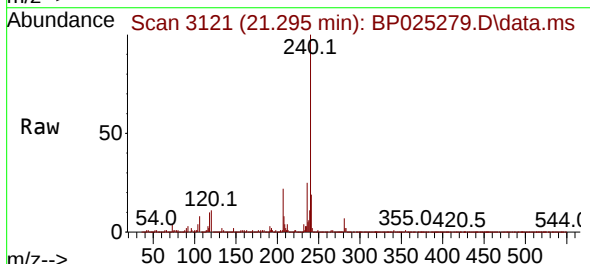
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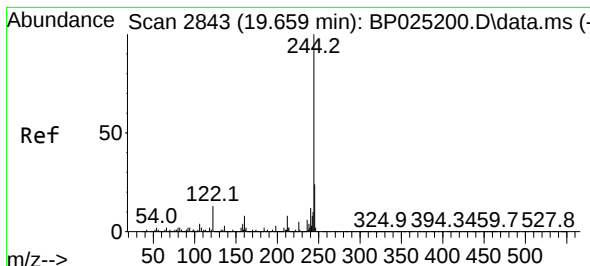
Tgt Ion:188 Resp: 1776715
Ion Ratio Lower Upper
188 100
94 8.5 6.8 10.2
80 9.2 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.295 min Scan# 3121
Delta R.T. -0.012 min
Lab File: BP025279.D
Acq: 31 Jul 2025 14:04

Tgt Ion:240 Resp: 2047066
Ion Ratio Lower Upper
240 100
120 10.9 8.8 13.2
236 25.4 20.9 31.3





#79

Terphenyl-d14

Concen: 89.722 ng

RT: 19.630 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025279.D

Acq: 31 Jul 2025 14:04

Instrument :

BNA_P

ClientSampleId :

PB169066BL

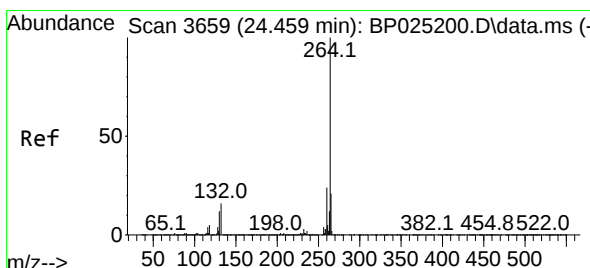
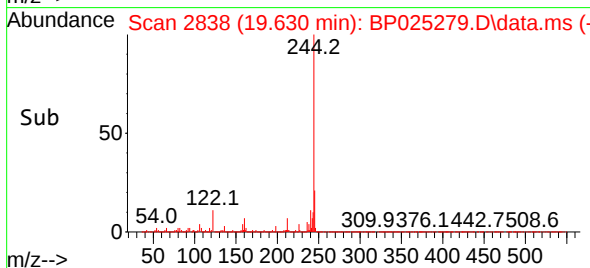
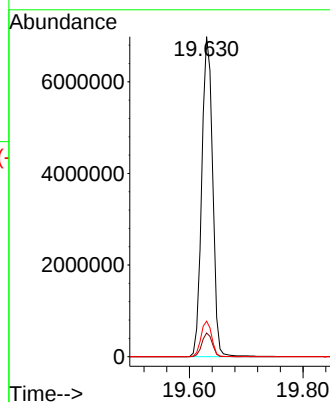
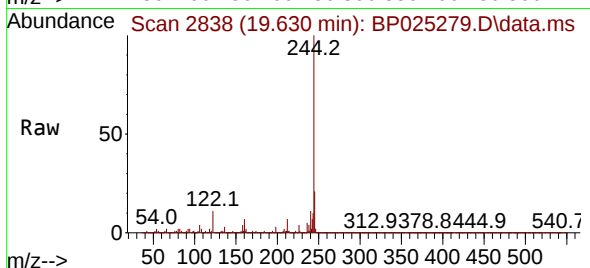
Tgt Ion:244 Resp: 9304137

Ion Ratio Lower Upper

244 100

212 7.4 6.6 9.8

122 11.1 10.3 15.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.401 min Scan# 3649

Delta R.T. -0.012 min

Lab File: BP025279.D

Acq: 31 Jul 2025 14:04

Tgt Ion:264 Resp: 2382718

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 22.4 17.5 26.3

