

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025344.D
Acq On : 11 Aug 2025 11:50
Operator : CG/JU
Sample : PB169159BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169159BL

Quant Time: Aug 11 12:21:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	223301	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	862446	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	477317	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	915491	20.000	ng	-0.01
76) Chrysene-d12	21.654	240	1032273	20.000	ng	0.00
86) Perylene-d12	25.042	264	1259337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1615935	116.390	ng	0.00
7) Phenol-d6	6.966	99	1826679	99.971	ng	0.00
23) Nitrobenzene-d5	8.937	82	1200465	77.115	ng	0.00
42) 2,4,6-Tribromophenol	15.931	330	608784	127.848	ng	0.00
45) 2-Fluorobiphenyl	13.031	172	2667678	77.194	ng	0.00
79) Terphenyl-d14	19.942	244	4012580	73.420	ng	0.00

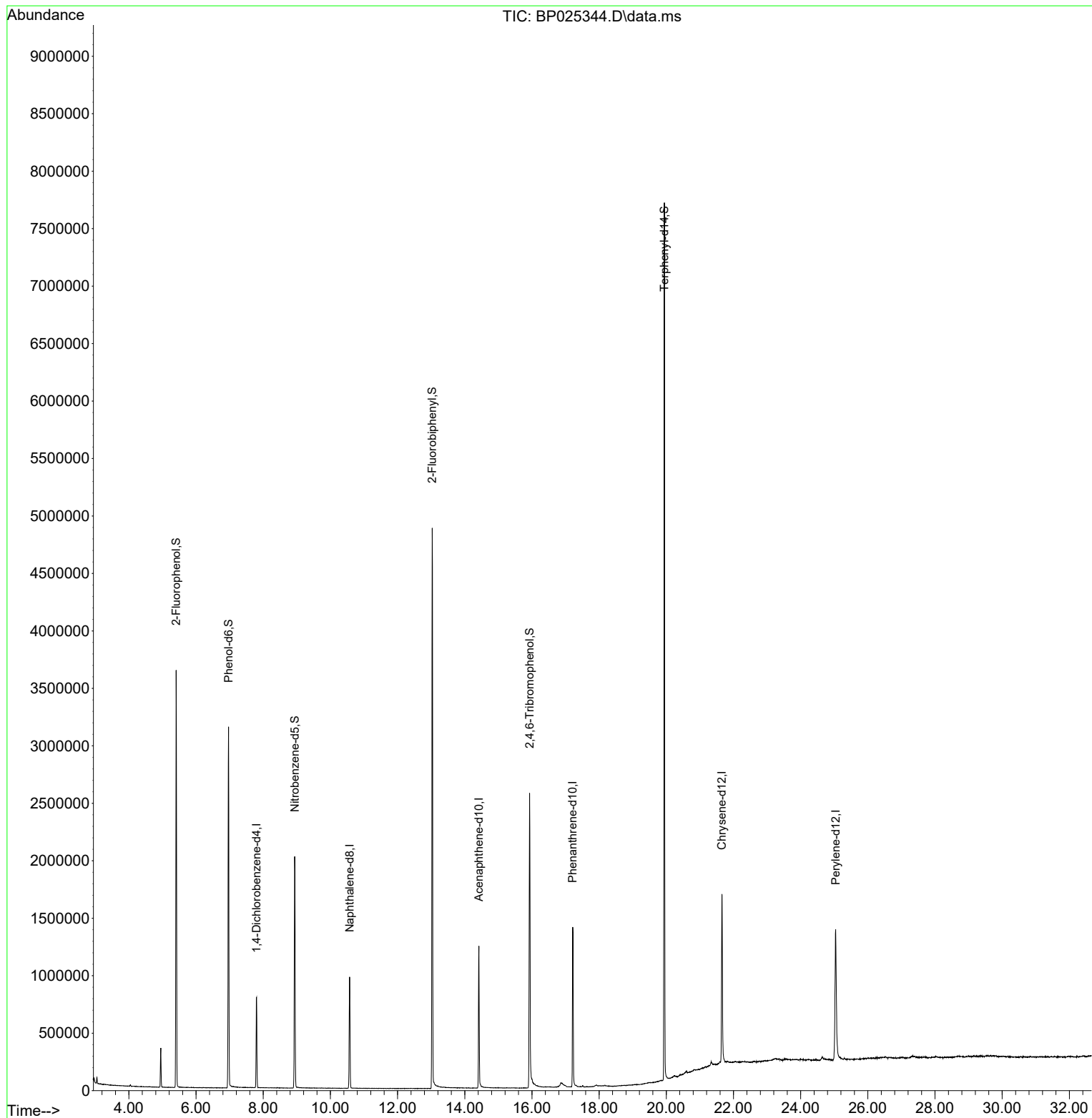
Target Compounds	Qvalue

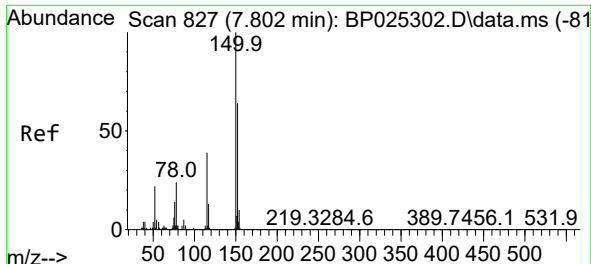
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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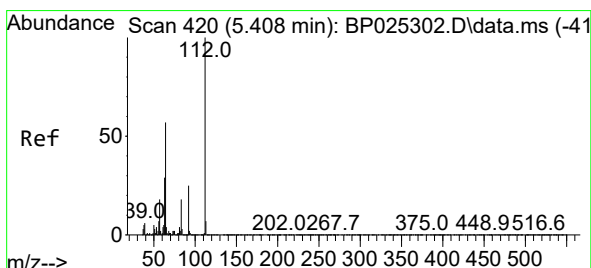
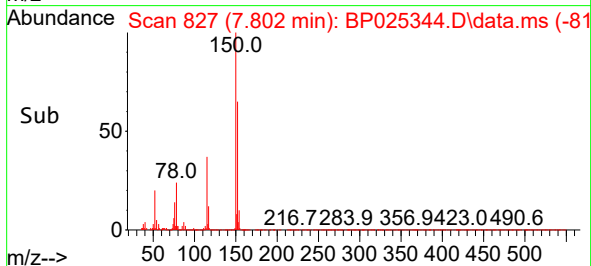
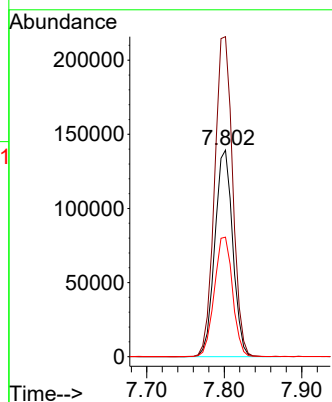
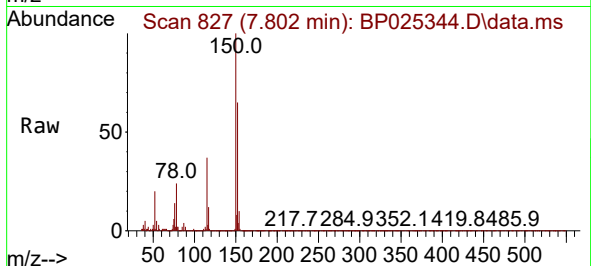




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.802 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP025344.D
 Acq: 11 Aug 2025 11:50

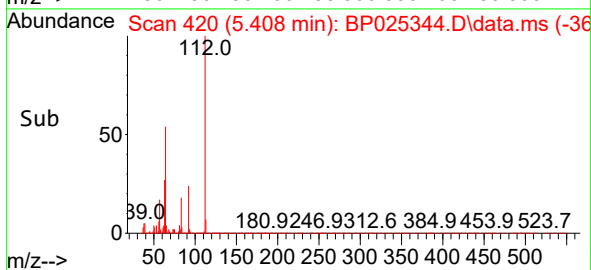
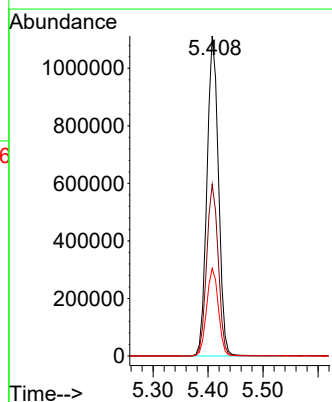
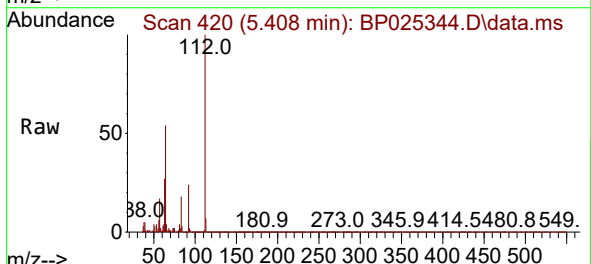
Instrument :
 BNA_P
 ClientSampleId :
 PB169159BL

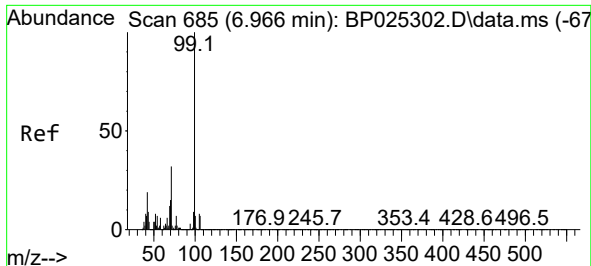
Tgt Ion:152 Resp: 223301
 Ion Ratio Lower Upper
 152 100
 150 154.9 125.1 187.7
 115 57.8 48.4 72.6



#5
 2-Fluorophenol
 Concen: 116.390 ng
 RT: 5.408 min Scan# 420
 Delta R.T. -0.000 min
 Lab File: BP025344.D
 Acq: 11 Aug 2025 11:50

Tgt Ion:112 Resp: 1615935
 Ion Ratio Lower Upper
 112 100
 64 53.6 45.3 67.9
 63 27.4 23.0 34.6

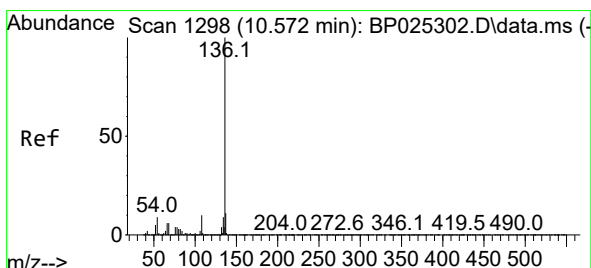
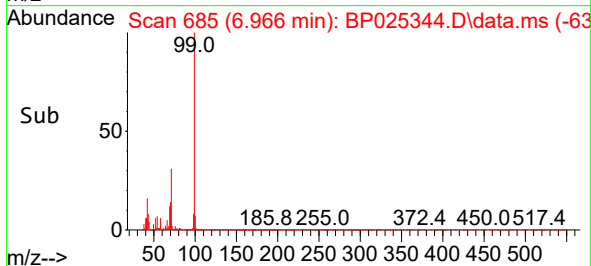
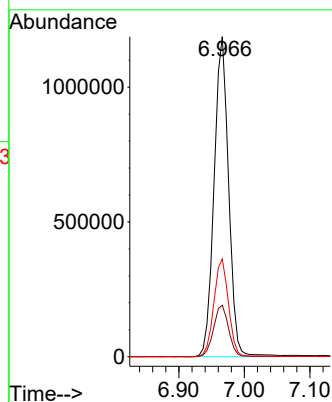
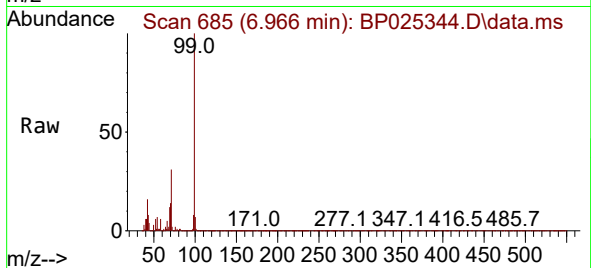




#7
Phenol-d6
Concen: 99.971 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025344.D
Acq: 11 Aug 2025 11:50

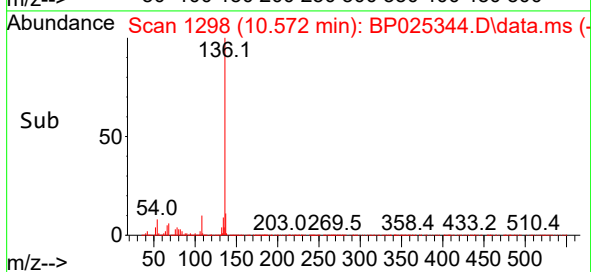
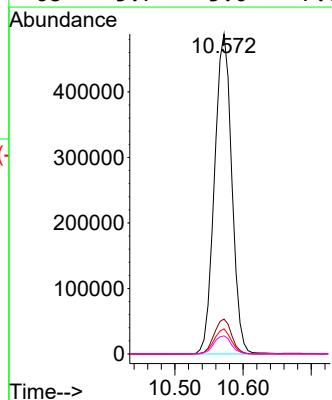
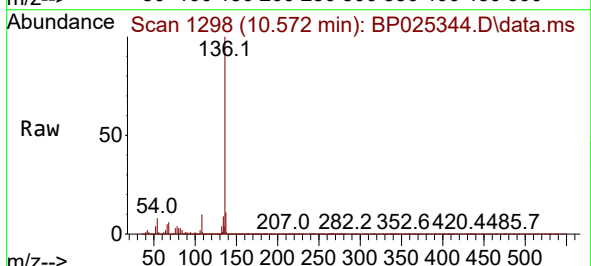
Instrument :
BNA_P
ClientSampleId :
PB169159BL

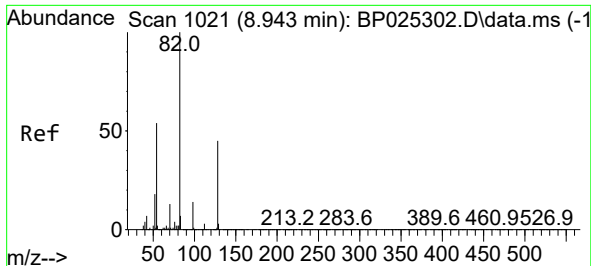
Tgt Ion: 99 Resp: 1826679
Ion Ratio Lower Upper
99 100
42 16.1 15.0 22.6
71 30.6 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BP025344.D
Acq: 11 Aug 2025 11:50

Tgt Ion: 136 Resp: 862446
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.8 7.0 10.6
68 5.7 5.0 7.6

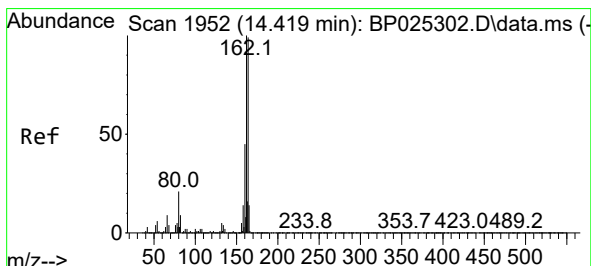
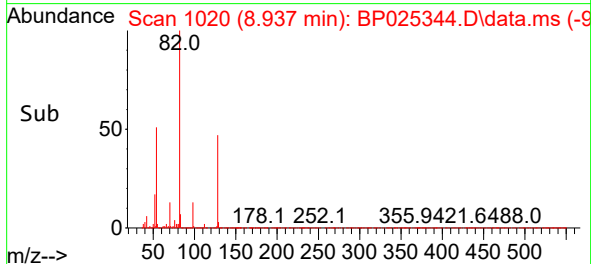
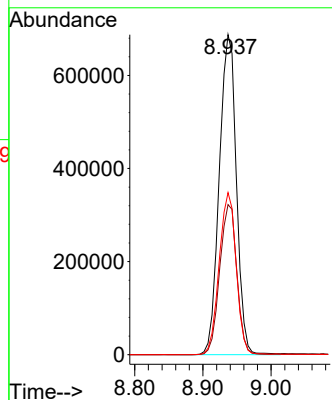
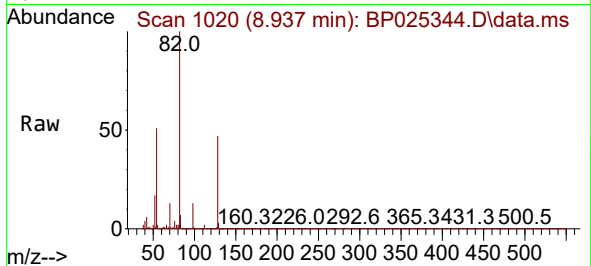




#23
Nitrobenzene-d5
Concen: 77.115 ng
RT: 8.937 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP025344.D
Acq: 11 Aug 2025 11:50

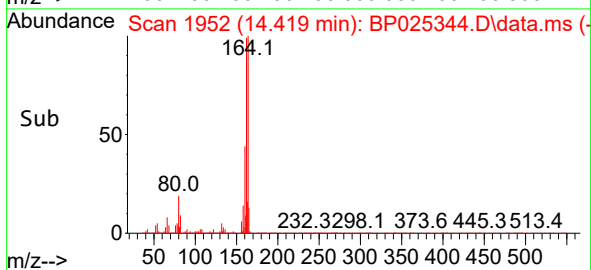
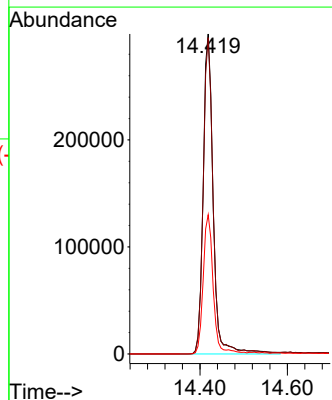
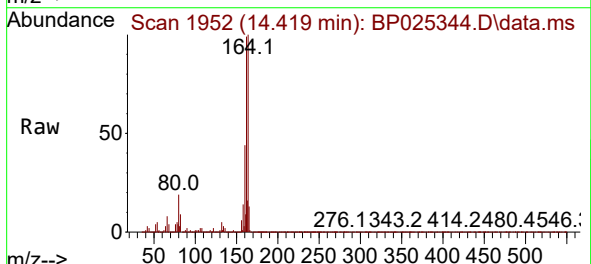
Instrument :
BNA_P
ClientSampleId :
PB169159BL

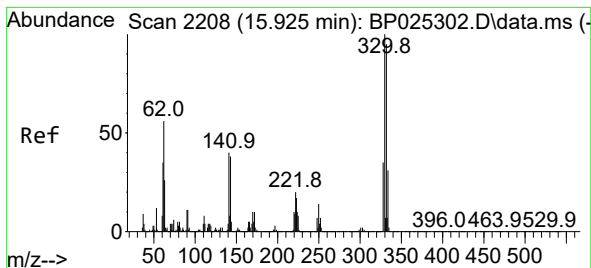
Tgt Ion: 82 Resp: 1200465
Ion Ratio Lower Upper
82 100
128 46.9 35.4 53.2
54 50.6 42.9 64.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BP025344.D
Acq: 11 Aug 2025 11:50

Tgt Ion:164 Resp: 477317
Ion Ratio Lower Upper
164 100
162 98.9 80.6 120.8
160 43.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 127.848 ng

RT: 15.931 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025344.D

Acq: 11 Aug 2025 11:50

Instrument :

BNA_P

ClientSampleId :

PB169159BL

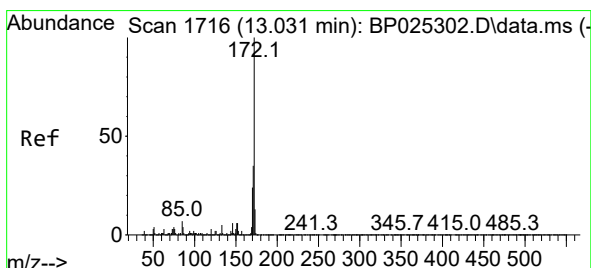
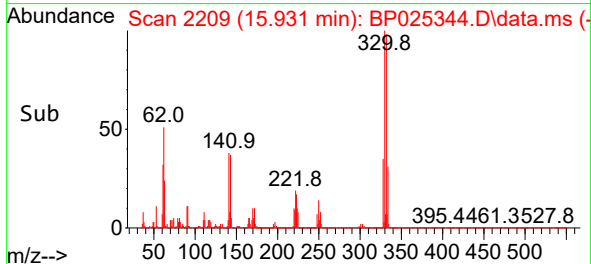
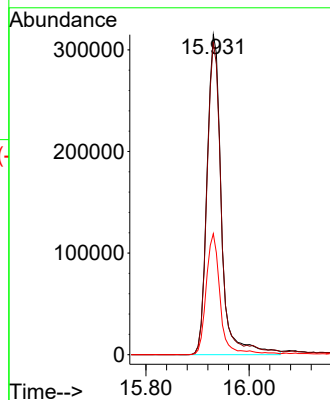
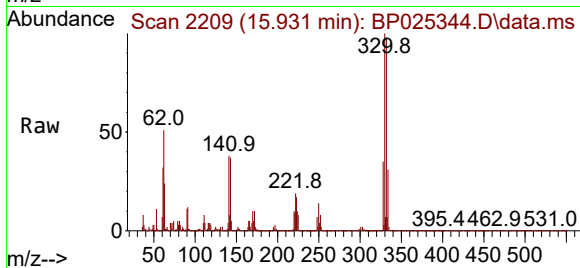
Tgt Ion:330 Resp: 608784

Ion Ratio Lower Upper

330 100

332 97.8 77.4 116.0

141 37.1 31.7 47.5



#45

2-Fluorobiphenyl

Concen: 77.194 ng

RT: 13.031 min Scan# 1716

Delta R.T. -0.000 min

Lab File: BP025344.D

Acq: 11 Aug 2025 11:50

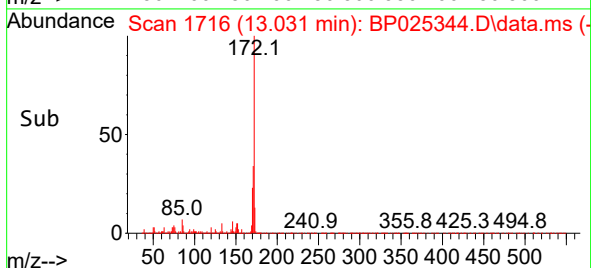
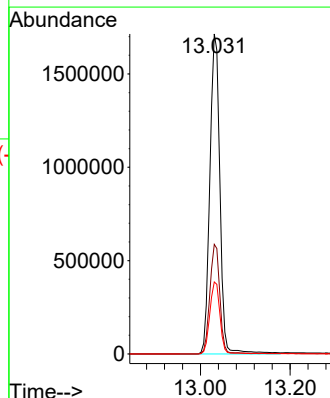
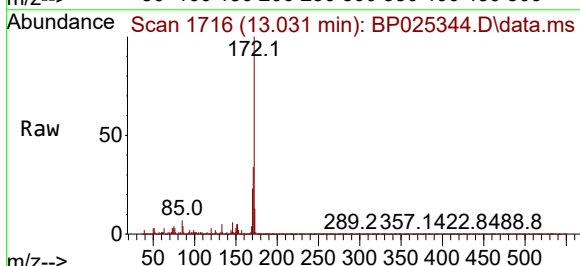
Tgt Ion:172 Resp: 2667678

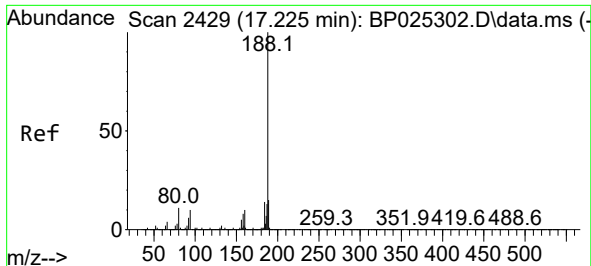
Ion Ratio Lower Upper

172 100

171 34.2 27.9 41.9

170 22.5 18.9 28.3

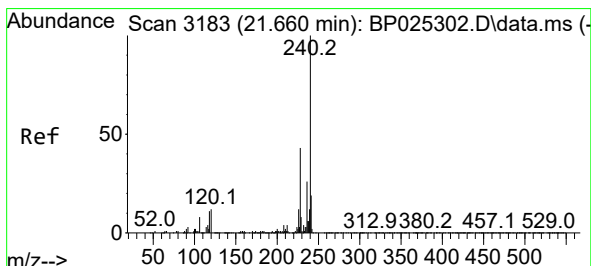
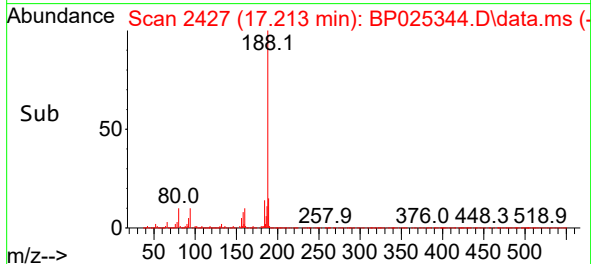
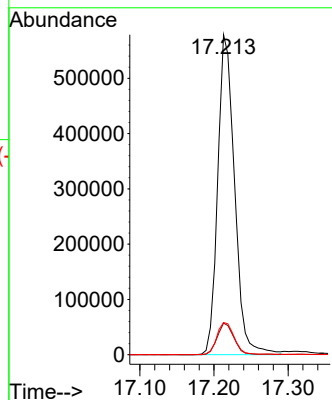
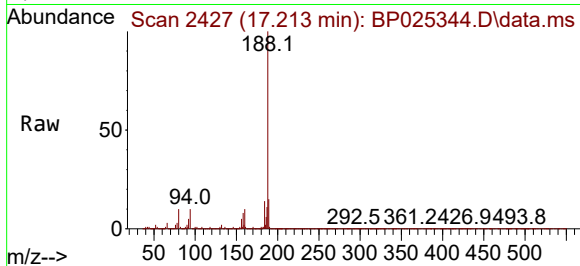




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2429
Delta R.T. -0.012 min
Lab File: BP025344.D
Acq: 11 Aug 2025 11:50

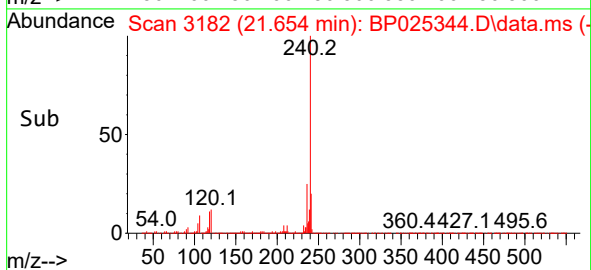
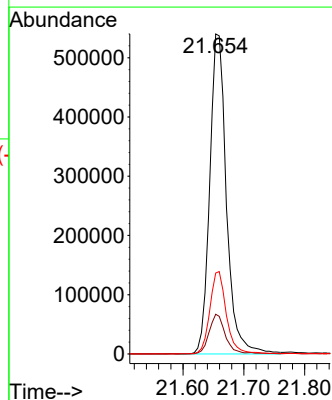
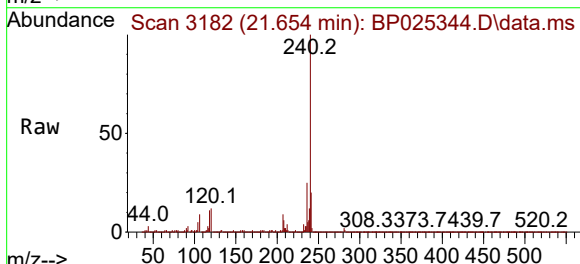
Instrument :
BNA_P
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PB169159BL

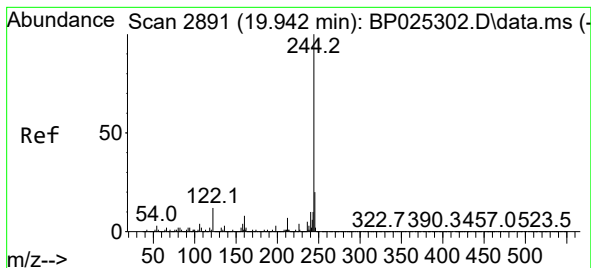
Tgt Ion:188 Resp: 915491
Ion Ratio Lower Upper
188 100
94 9.8 8.0 12.0
80 10.1 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. -0.006 min
Lab File: BP025344.D
Acq: 11 Aug 2025 11:50

Tgt Ion:240 Resp: 1032273
Ion Ratio Lower Upper
240 100
120 12.4 9.6 14.4
236 25.3 20.4 30.6





#79

Terphenyl-d14

Concen: 73.420 ng

RT: 19.942 min Scan# 2891

Delta R.T. 0.000 min

Lab File: BP025344.D

Acq: 11 Aug 2025 11:50

Instrument :

BNA_P

ClientSampleId :

PB169159BL

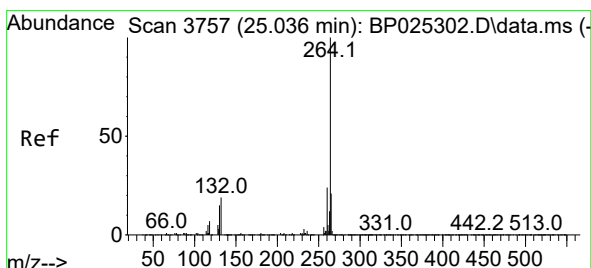
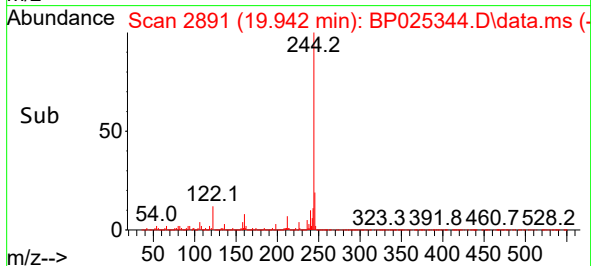
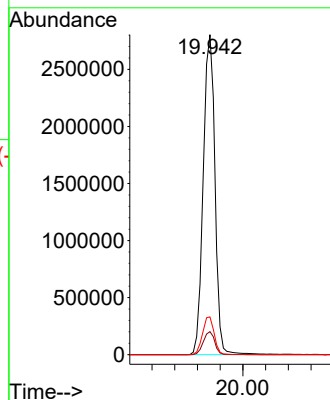
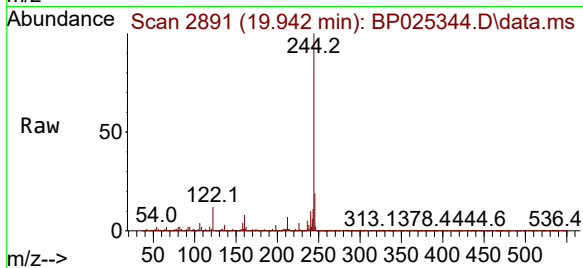
Tgt Ion:244 Resp: 4012580

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 11.8 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.042 min Scan# 3758

Delta R.T. 0.006 min

Lab File: BP025344.D

Acq: 11 Aug 2025 11:50

Tgt Ion:264 Resp: 1259337

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.8 17.1 25.7

