

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
 Data File : BP025213.D
 Acq On : 22 Jul 2025 13:55
 Operator : CG/JU
 Sample : Q2639-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-43-071725

Quant Time: Jul 22 14:48:00 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 22 02:55:21 2025
 Response via : Initial Calibration

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

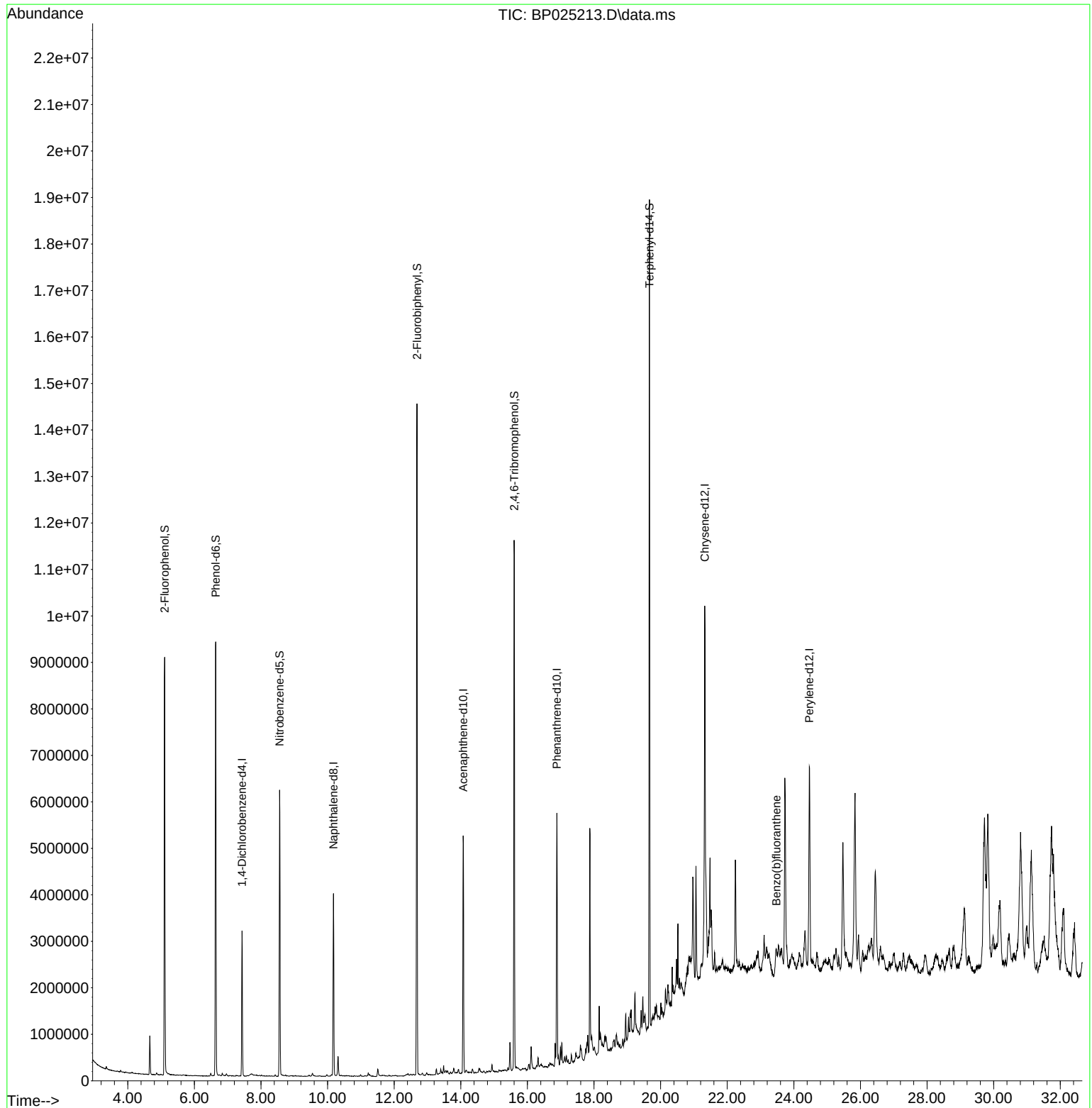
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	878548	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	3358646	20.000	ng	0.00
39) Acenaphthene-d10	14.072	164	2004270	20.000	ng	0.00
64) Phenanthrene-d10	16.884	188	3663003	20.000	ng	-0.01
76) Chrysene-d12	21.325	240	3467562	20.000	ng	0.00
86) Perylene-d12	24.466	264	4001783	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	4517642	86.884	ng	0.00
7) Phenol-d6	6.643	99	5595296	86.884	ng	0.00
23) Nitrobenzene-d5	8.561	82	3481137	57.600	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	2607176	88.237	ng	0.00
45) 2-Fluorobiphenyl	12.684	172	7851904	55.231	ng	0.00
79) Terphenyl-d14	19.666	244	9274689	52.799	ng	0.00
Target Compounds						
88) Benzo(b)fluoranthene	23.472	252	532409	2.324	ng	Qvalue # 88

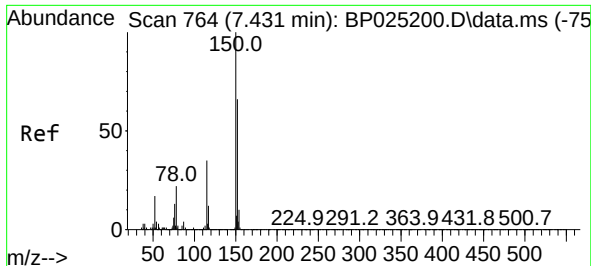
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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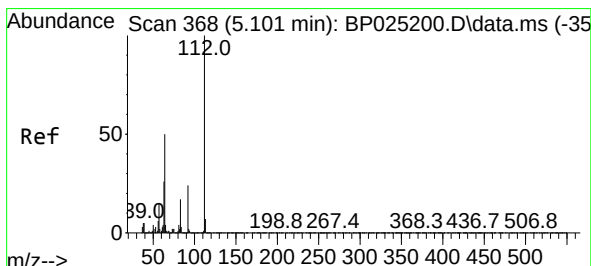
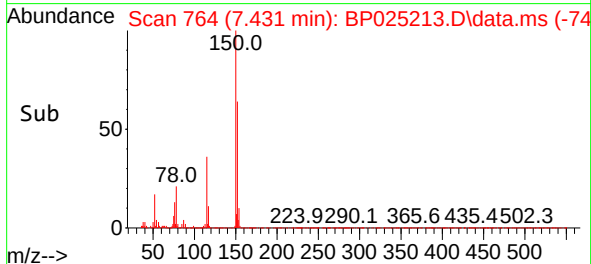
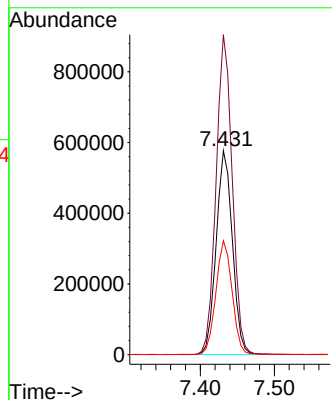
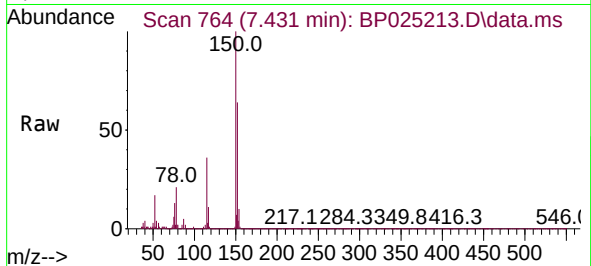




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.431 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: BP025213.D
 Acq: 22 Jul 2025 13:55

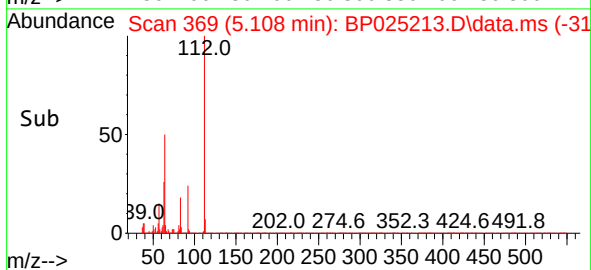
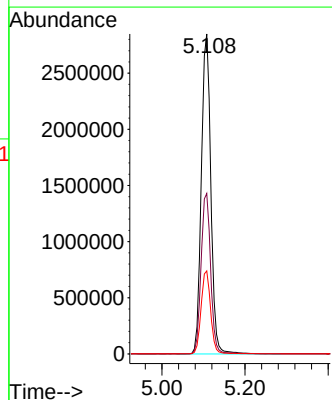
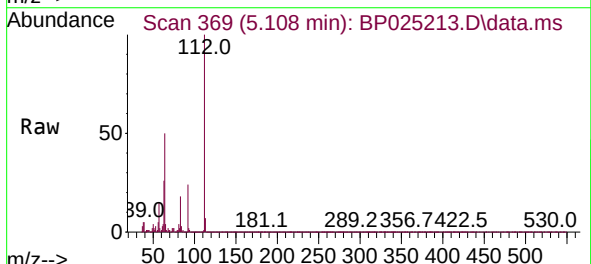
Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-43-071725

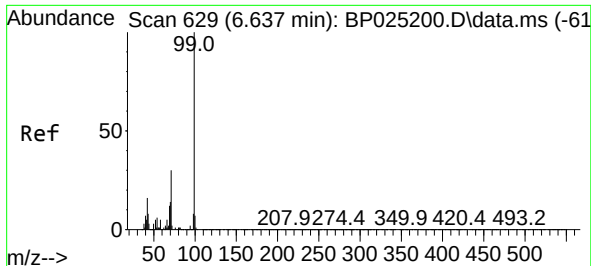
Tgt Ion:152 Resp: 878548
 Ion Ratio Lower Upper
 152 100
 150 156.9 121.9 182.9
 115 55.8 43.0 64.6



#5
 2-Fluorophenol
 Concen: 86.884 ng
 RT: 5.108 min Scan# 369
 Delta R.T. 0.006 min
 Lab File: BP025213.D
 Acq: 22 Jul 2025 13:55

Tgt Ion:112 Resp: 4517642
 Ion Ratio Lower Upper
 112 100
 64 50.1 39.8 59.6
 63 25.9 20.5 30.7

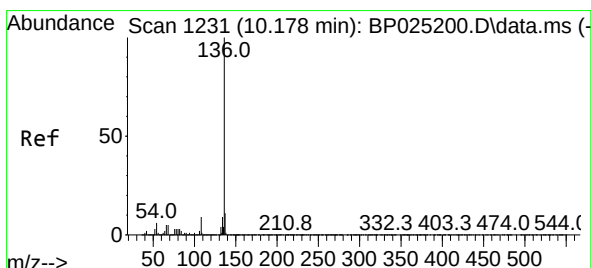
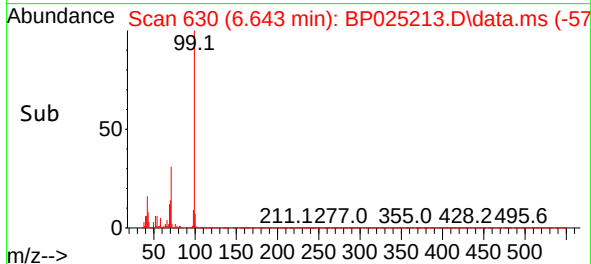
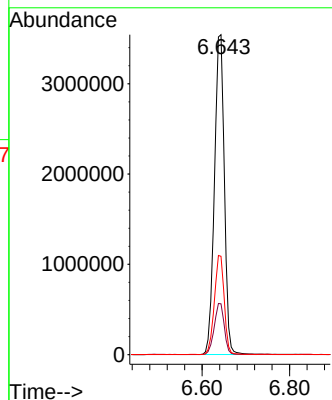
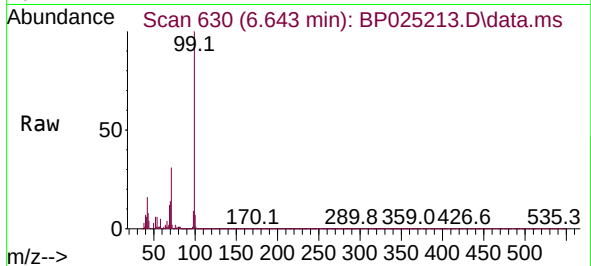




#7
Phenol-d6
Concen: 86.884 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025213.D
Acq: 22 Jul 2025 13:55

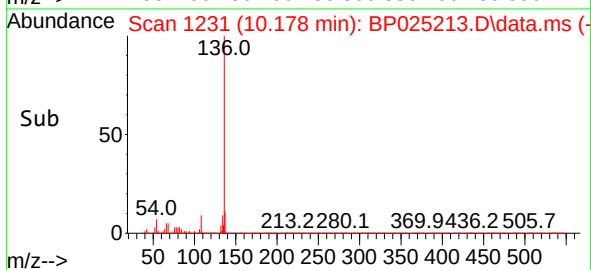
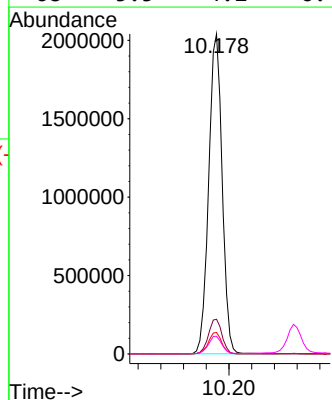
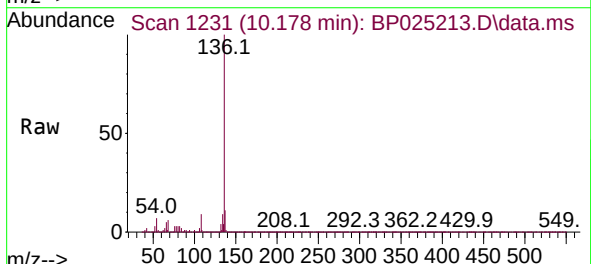
Instrument :
BNA_P
ClientSampleId :
OU4-TS-43-071725

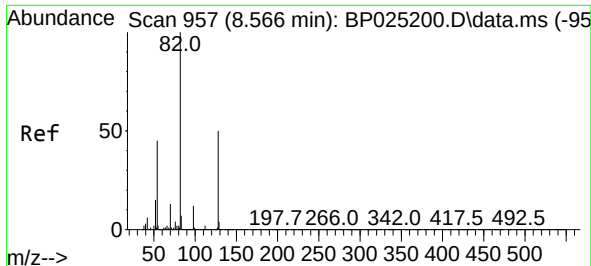
Tgt Ion: 99 Resp: 5595296
Ion Ratio Lower Upper
99 100
42 15.9 12.5 18.7
71 30.7 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. 0.001 min
Lab File: BP025213.D
Acq: 22 Jul 2025 13:55

Tgt Ion: 136 Resp: 3358646
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.7 5.1 7.7
68 5.5 4.2 6.4

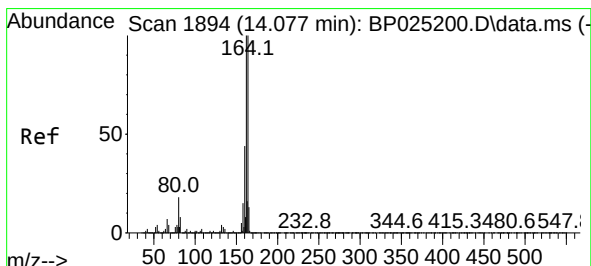
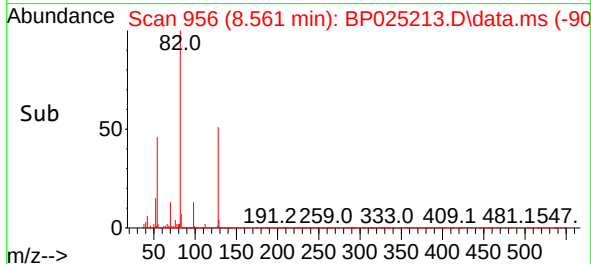
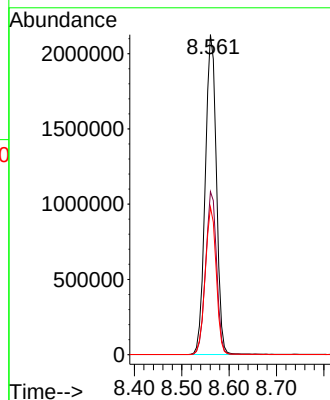
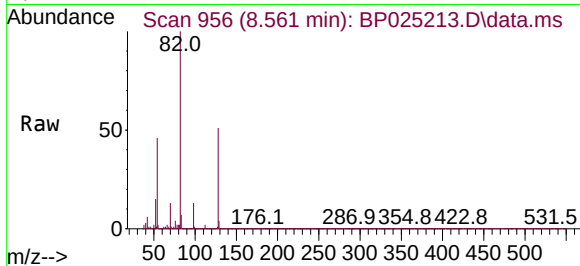




#23
Nitrobenzene-d5
Concen: 57.600 ng
RT: 8.561 min Scan# 91
Delta R.T. -0.005 min
Lab File: BP025213.D
Acq: 22 Jul 2025 13:55

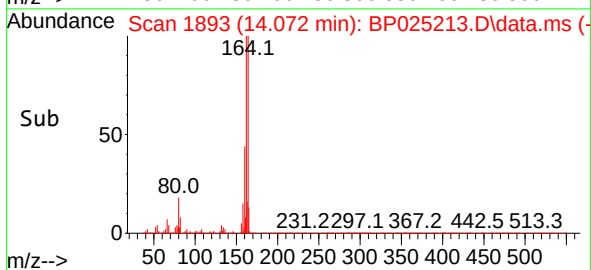
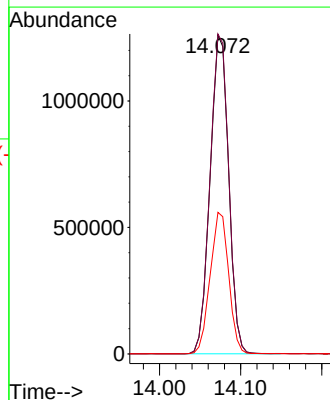
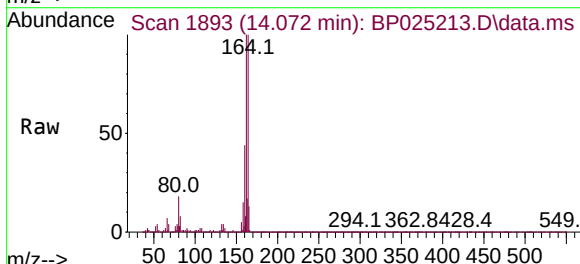
Instrument :
BNA_P
ClientSampleId :
OU4-TS-43-071725

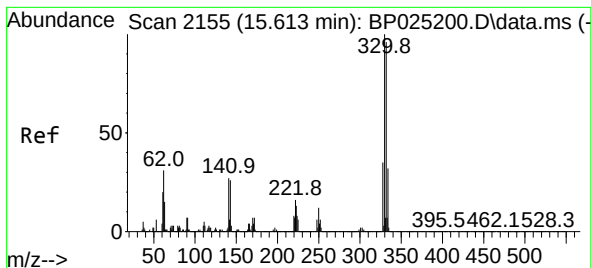
Tgt Ion: 82 Resp: 3481137
Ion Ratio Lower Upper
82 100
128 50.9 40.2 60.4
54 46.1 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.072 min Scan# 1893
Delta R.T. -0.005 min
Lab File: BP025213.D
Acq: 22 Jul 2025 13:55

Tgt Ion: 164 Resp: 2004270
Ion Ratio Lower Upper
164 100
162 100.4 80.3 120.5
160 44.4 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 88.237 ng

RT: 15.607 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP025213.D

Acq: 22 Jul 2025 13:55

Instrument :

BNA_P

ClientSampleId :

OU4-TS-43-071725

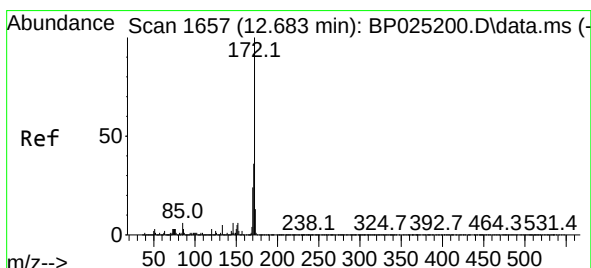
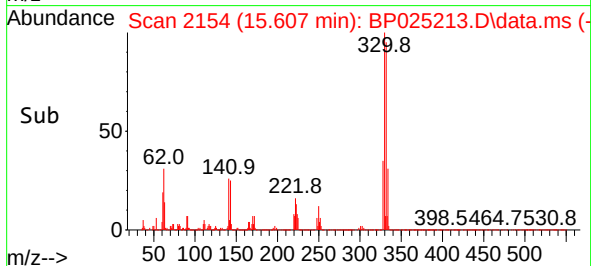
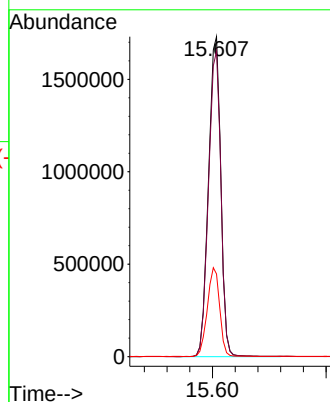
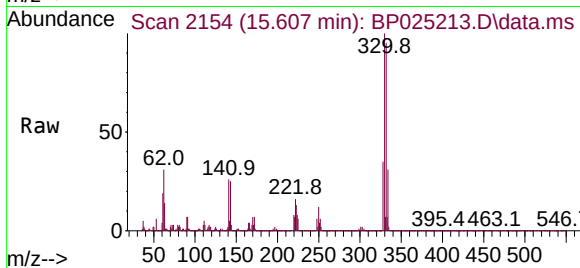
Tgt Ion:330 Resp: 2607176

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

141 27.8 22.4 33.6



#45

2-Fluorobiphenyl

Concen: 55.231 ng

RT: 12.684 min Scan# 1657

Delta R.T. 0.001 min

Lab File: BP025213.D

Acq: 22 Jul 2025 13:55

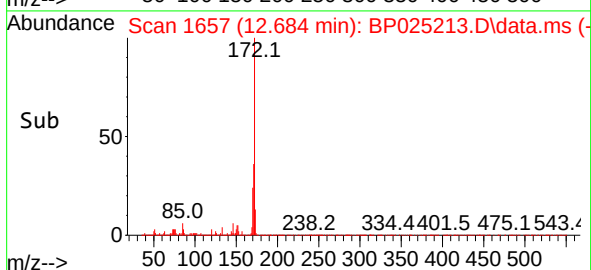
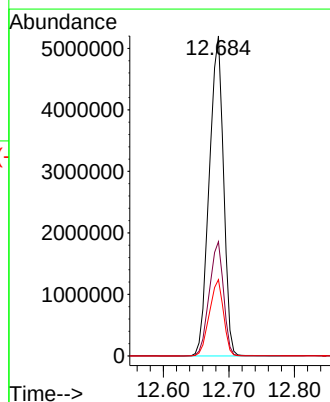
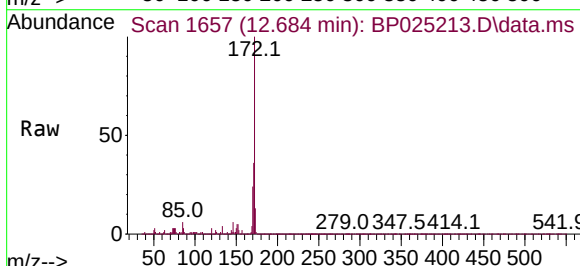
Tgt Ion:172 Resp: 7851904

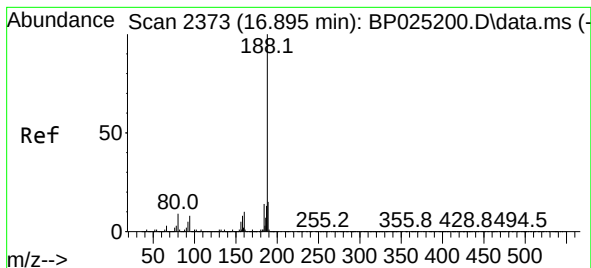
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.8 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.884 min Scan# 2371

Delta R.T. -0.011 min

Lab File: BP025213.D

Acq: 22 Jul 2025 13:55

Instrument :

BNA_P

ClientSampleId :

OU4-TS-43-071725

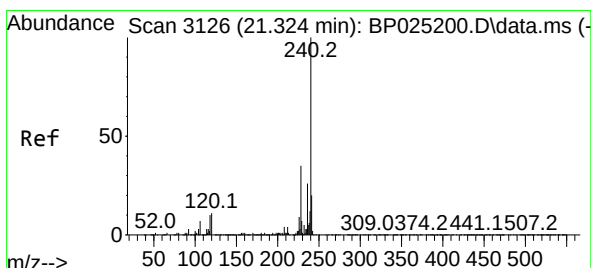
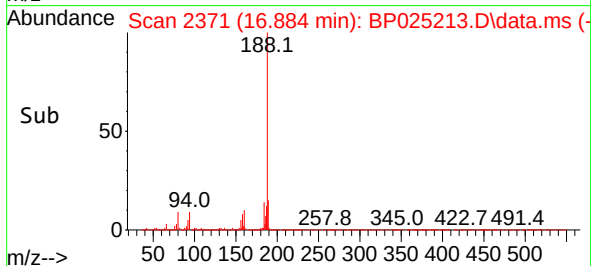
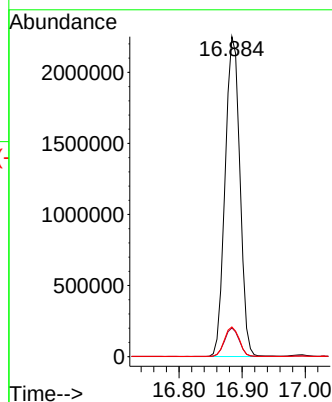
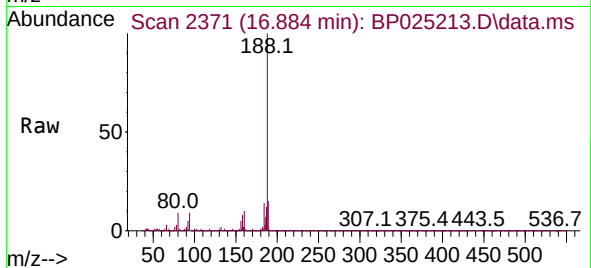
Tgt Ion:188 Resp: 3663003

Ion Ratio Lower Upper

188 100

94 9.0 6.8 10.2

80 9.3 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.325 min Scan# 3126

Delta R.T. 0.001 min

Lab File: BP025213.D

Acq: 22 Jul 2025 13:55

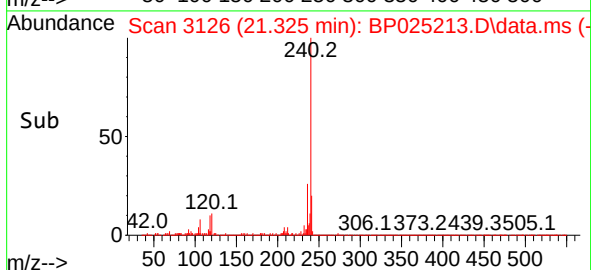
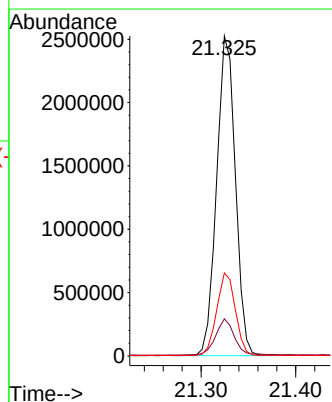
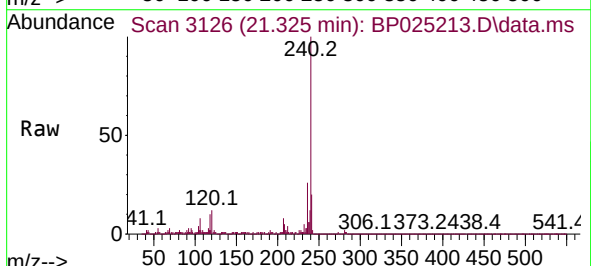
Tgt Ion:240 Resp: 3467562

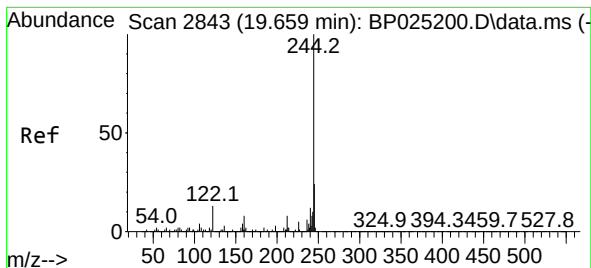
Ion Ratio Lower Upper

240 100

120 11.6 8.8 13.2

236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 52.799 ng

RT: 19.666 min Scan# 2844

Delta R.T. 0.007 min

Lab File: BP025213.D

Acq: 22 Jul 2025 13:55

Instrument :

BNA_P

ClientSampleId :

OU4-TS-43-071725

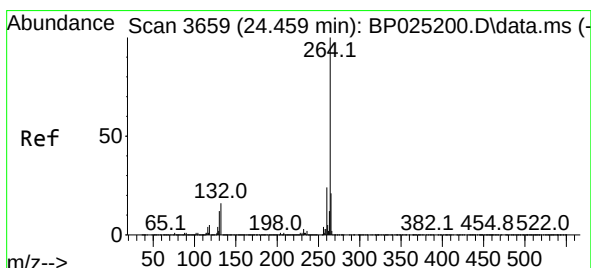
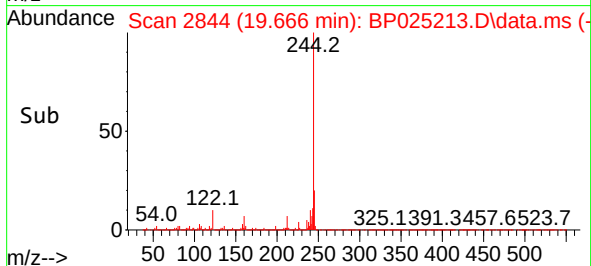
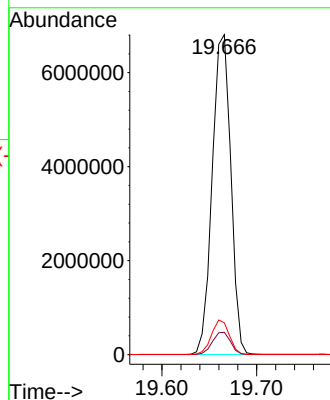
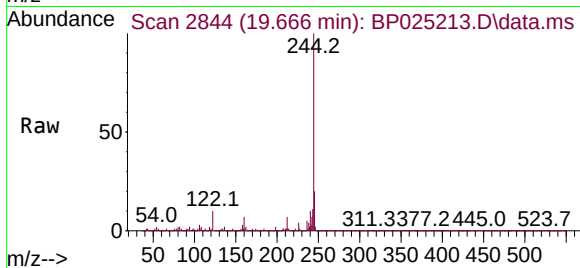
Tgt Ion:244 Resp: 9274689

Ion Ratio Lower Upper

244 100

212 7.0 6.6 9.8

122 9.9 10.3 15.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.466 min Scan# 3660

Delta R.T. 0.006 min

Lab File: BP025213.D

Acq: 22 Jul 2025 13:55

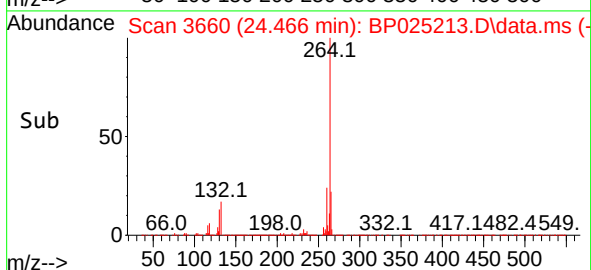
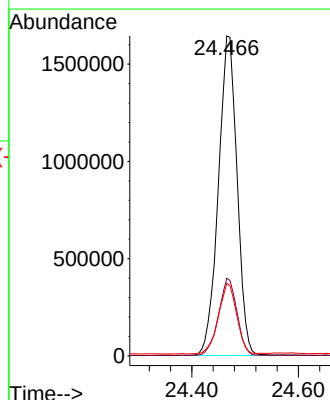
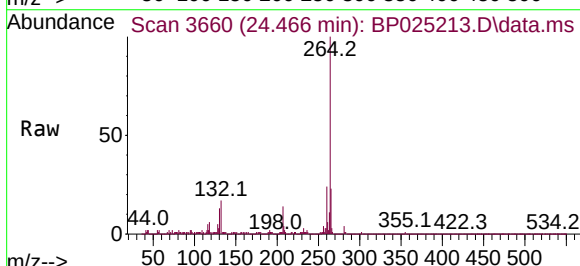
Tgt Ion:264 Resp: 4001783

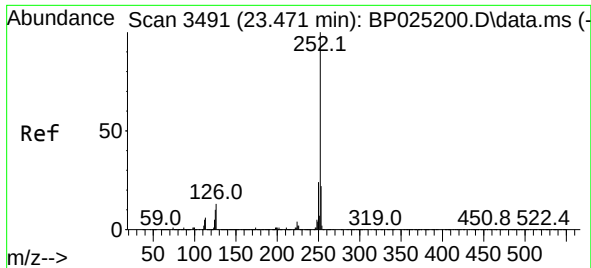
Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

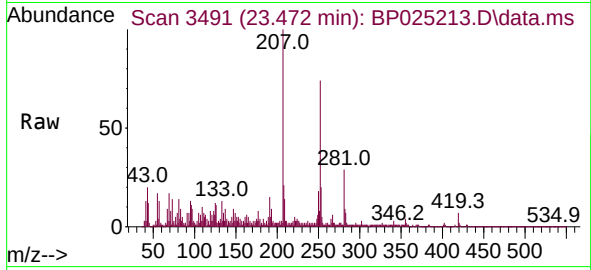
265 22.7 17.5 26.3





#88
 Benzo(b)fluoranthene
 Concen: 2.324 ng
 RT: 23.472 min Scan# 3491
 Delta R.T. 0.001 min
 Lab File: BP025213.D
 Acq: 22 Jul 2025 13:55

Instrument :
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 ClientSampleId :
 OU4-TS-43-071725



Tgt Ion:252 Resp: 532409
 Ion Ratio Lower Upper
 252 100
 253 26.5 18.0 27.0
 125 16.9 7.8 11.8#

