

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
 Data File : BP025238.D
 Acq On : 24 Jul 2025 12:01
 Operator : CG/JU
 Sample : Q2481-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CC0627-AL

Quant Time: Jul 24 12:38:10 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)

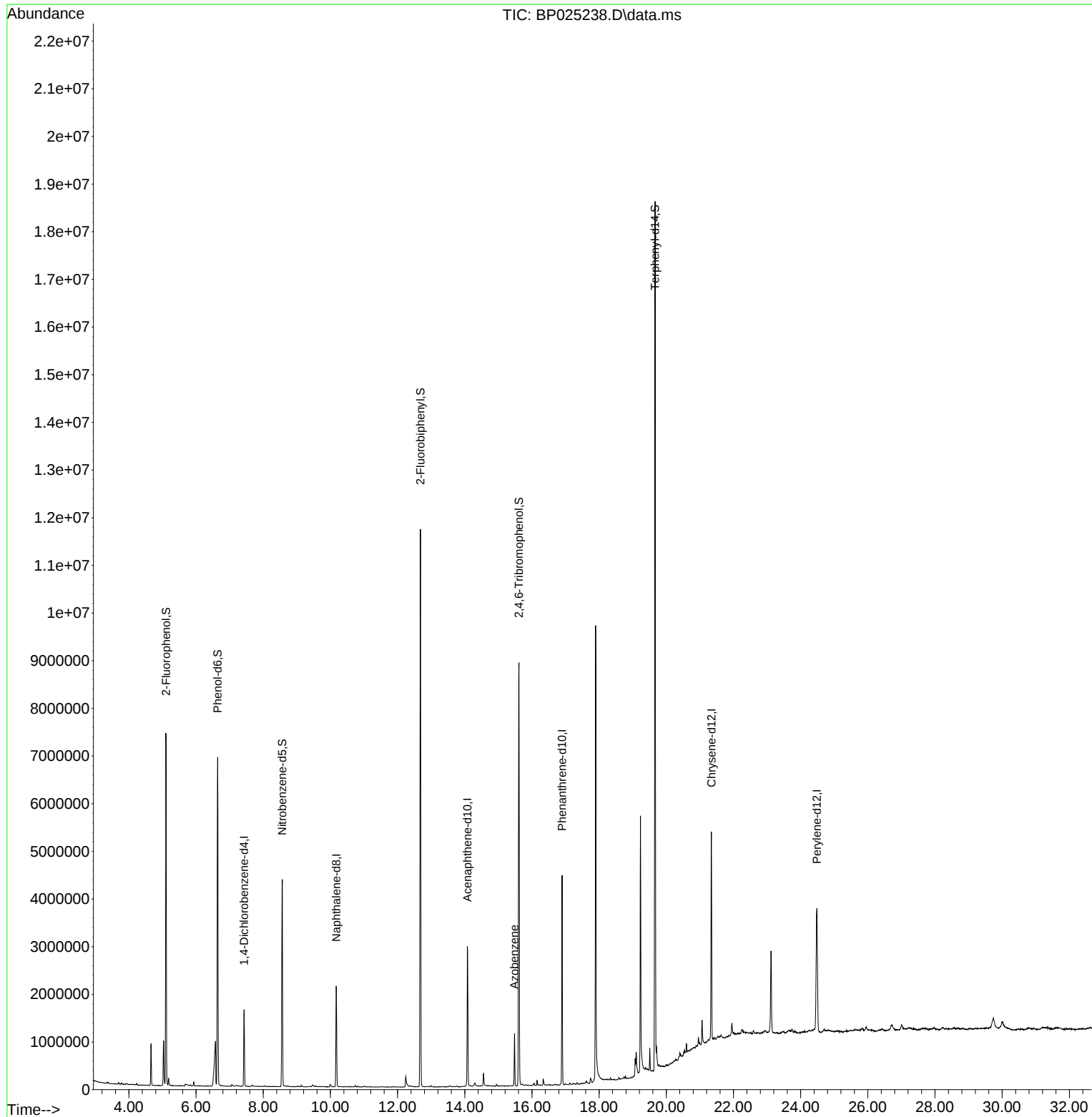
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	456629	20.000	ng	0.00
21) Naphthalene-d8	10.172	136	1774209	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	1140668	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	2268387	20.000	ng	0.00
76) Chrysene-d12	21.342	240	2431543	20.000	ng	0.02
86) Perylene-d12	24.483	264	2751178	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	3288597	121.686	ng	0.00
7) Phenol-d6	6.643	99	4070585	121.612	ng	0.00
23) Nitrobenzene-d5	8.566	82	2530895	79.275	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	2157162	128.281	ng	0.00
45) 2-Fluorobiphenyl	12.678	172	6428815	79.457	ng	0.00
79) Terphenyl-d14	19.666	244	10792574	87.619	ng	0.00
Target Compounds						
63) Azobenzene	15.478	77	273640	4.176	ng	Qvalue # 1

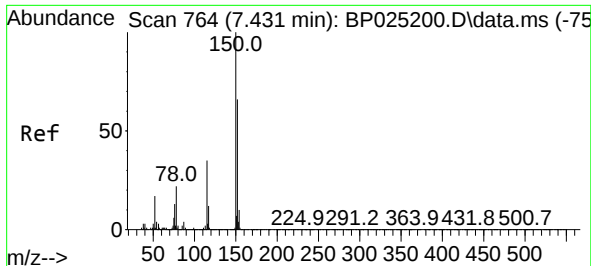
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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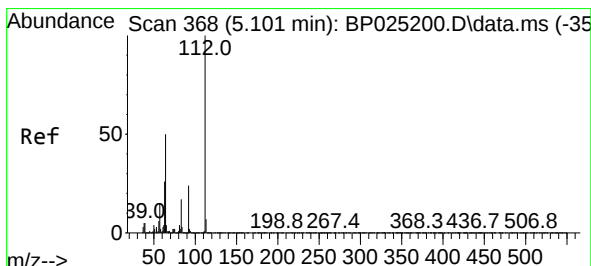
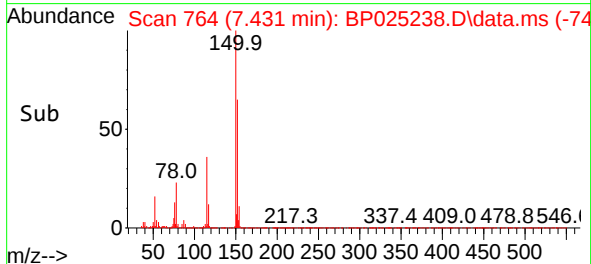
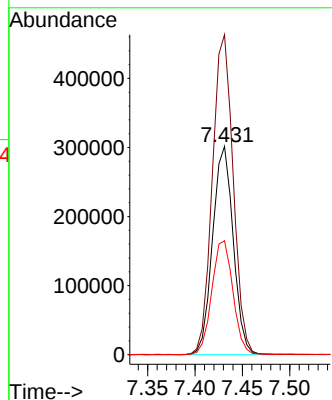
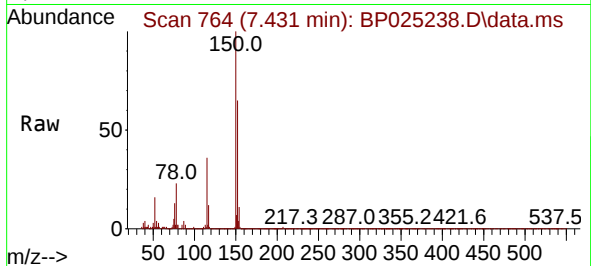




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 70
Delta R.T. 0.000 min
Lab File: BP025238.D
Acq: 24 Jul 2025 12:01

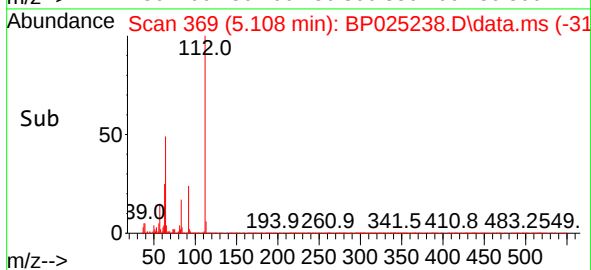
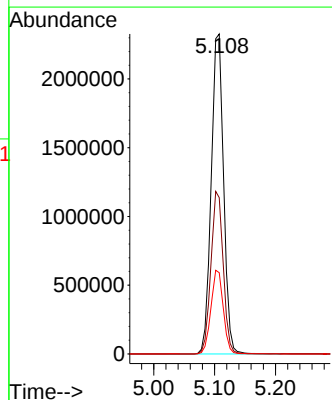
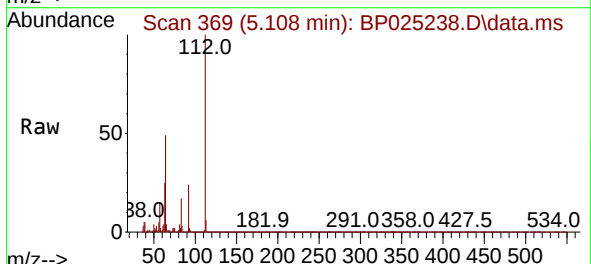
Instrument :
BNA_P
ClientSampleId :
CC0627-AL

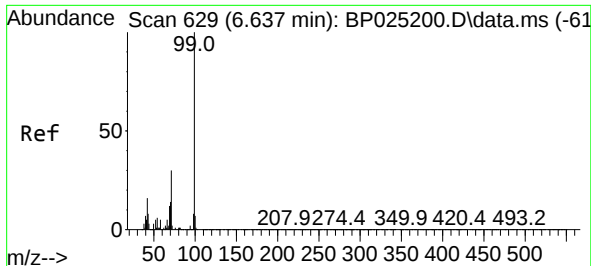
Tgt Ion:152 Resp: 456629
Ion Ratio Lower Upper
152 100
150 153.7 121.9 182.9
115 54.7 43.0 64.6



#5
2-Fluorophenol
Concen: 121.686 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP025238.D
Acq: 24 Jul 2025 12:01

Tgt Ion:112 Resp: 3288597
Ion Ratio Lower Upper
112 100
64 48.8 39.8 59.6
63 25.4 20.5 30.7

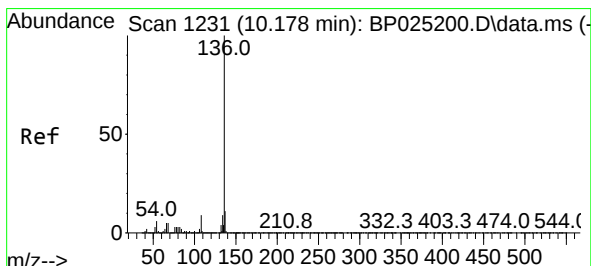
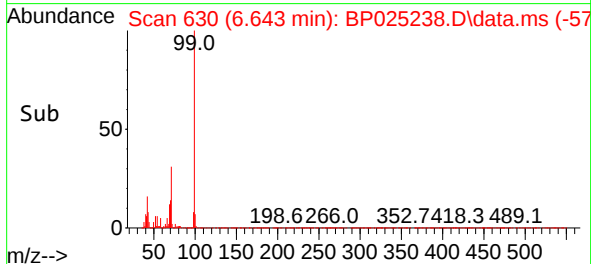
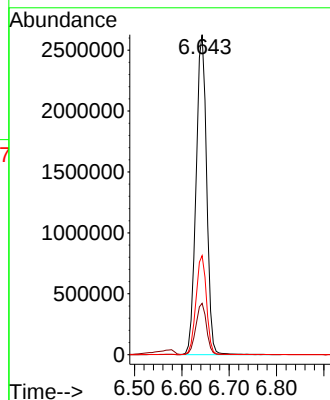
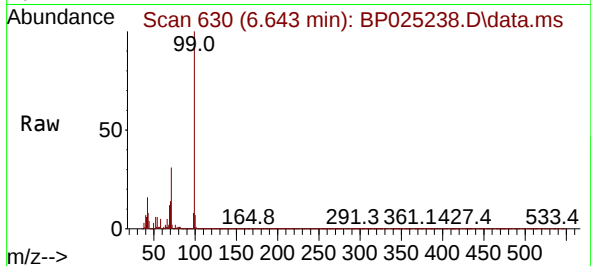




#7
Phenol-d6
Concen: 121.612 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025238.D
Acq: 24 Jul 2025 12:01

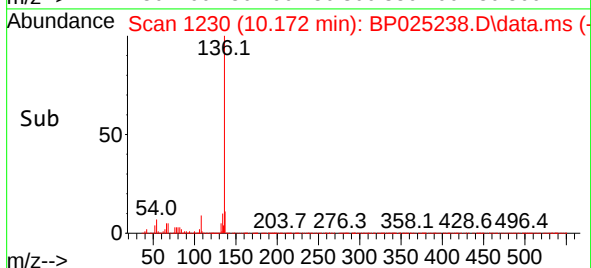
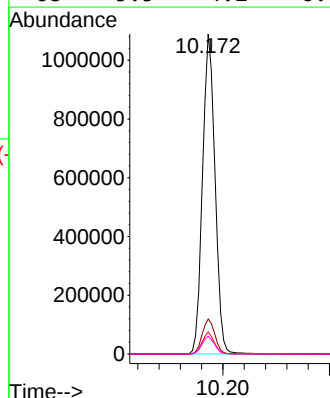
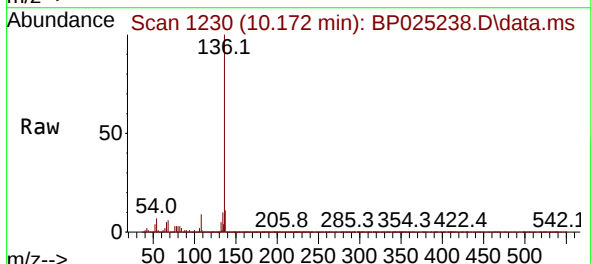
Instrument :
BNA_P
ClientSampleId :
CC0627-AL

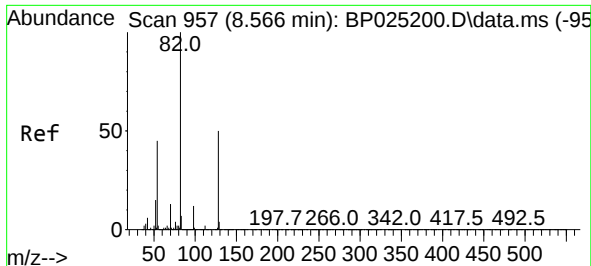
Tgt Ion: 99 Resp: 4070585
Ion Ratio Lower Upper
99 100
42 16.0 12.5 18.7
71 30.9 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1230
Delta R.T. -0.005 min
Lab File: BP025238.D
Acq: 24 Jul 2025 12:01

Tgt Ion:136 Resp: 1774209
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.9 5.1 7.7
68 5.5 4.2 6.4

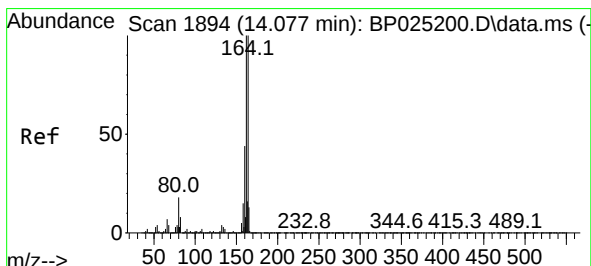
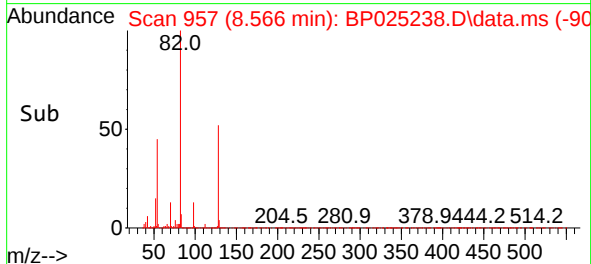
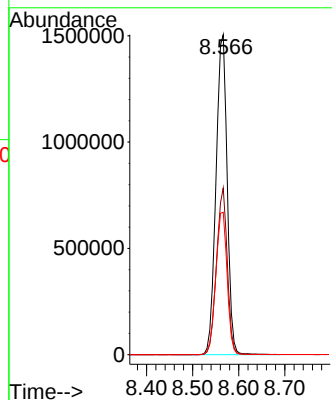
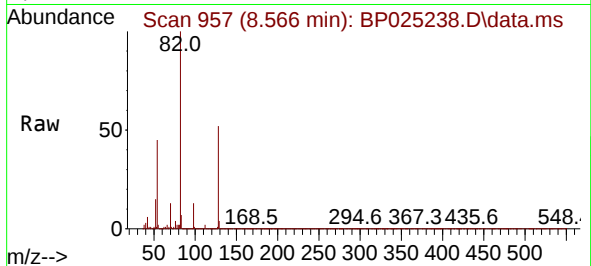




#23
Nitrobenzene-d5
Concen: 79.275 ng
RT: 8.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP025238.D
Acq: 24 Jul 2025 12:01

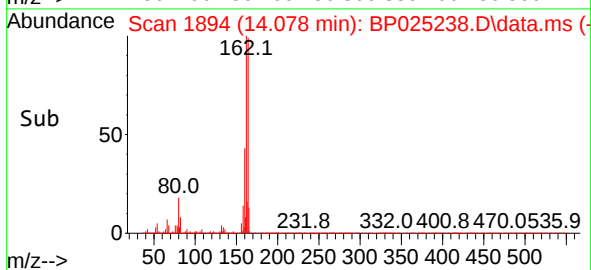
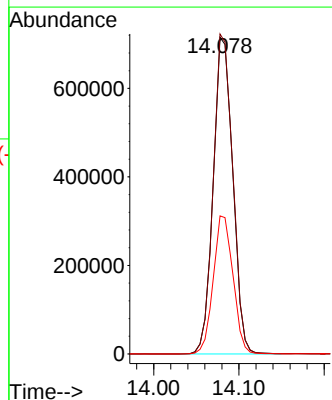
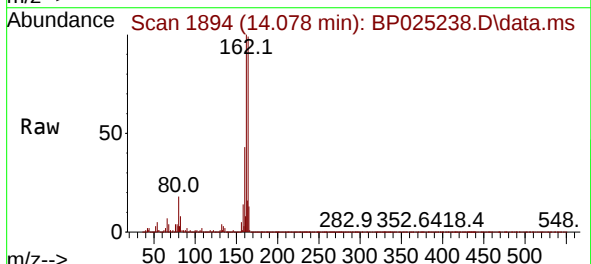
Instrument :
BNA_P
ClientSampleId :
CC0627-AL

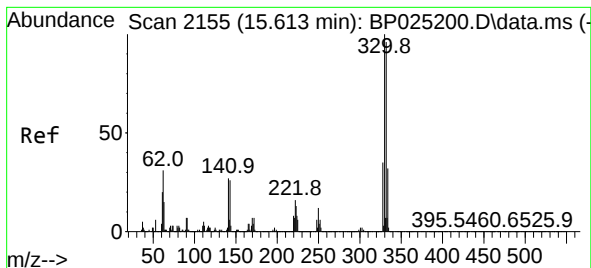
Tgt Ion: 82 Resp: 2530895
Ion Ratio Lower Upper
82 100
128 52.1 40.2 60.4
54 44.5 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BP025238.D
Acq: 24 Jul 2025 12:01

Tgt Ion:164 Resp: 1140668
Ion Ratio Lower Upper
164 100
162 101.0 80.3 120.5
160 43.6 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 128.281 ng

RT: 15.613 min Scan# 2155

Delta R.T. 0.000 min

Lab File: BP025238.D

Acq: 24 Jul 2025 12:01

Instrument :

BNA_P

ClientSampleId :

CC0627-AL

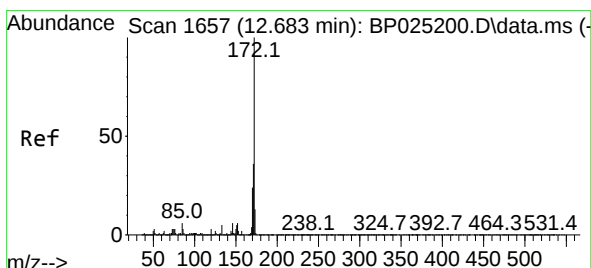
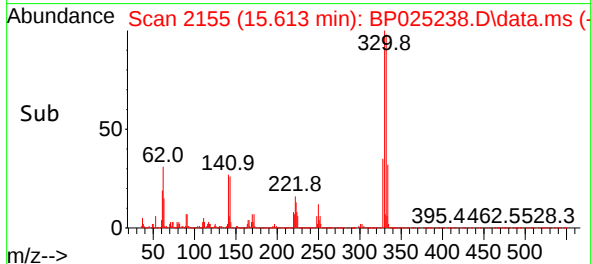
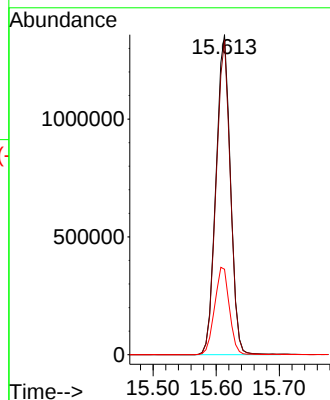
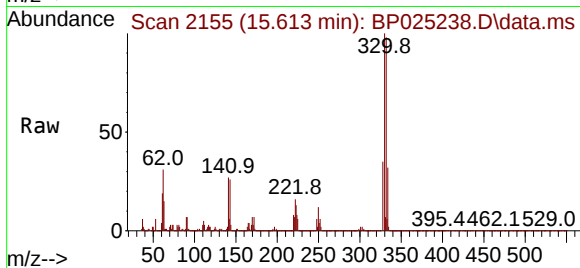
Tgt Ion:330 Resp: 2157162

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

141 27.9 22.4 33.6



#45

2-Fluorobiphenyl

Concen: 79.457 ng

RT: 12.678 min Scan# 1656

Delta R.T. -0.005 min

Lab File: BP025238.D

Acq: 24 Jul 2025 12:01

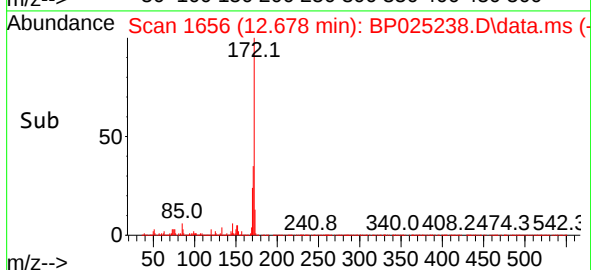
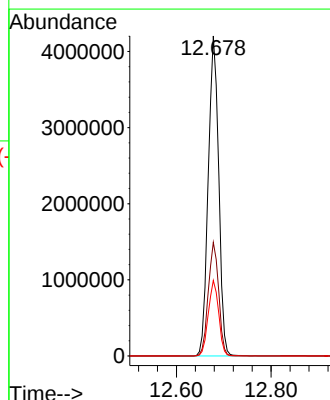
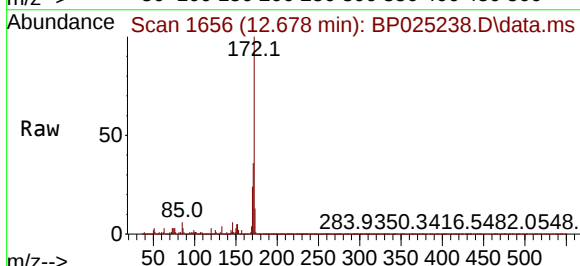
Tgt Ion:172 Resp: 6428815

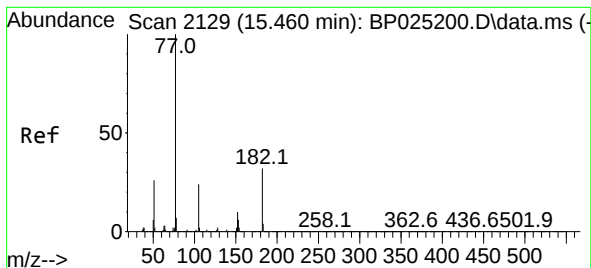
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.6 19.2 28.8





#63

Azobenzene

Concen: 4.176 ng

RT: 15.478 min Scan# 2129

Delta R.T. 0.018 min

Lab File: BP025238.D

Acq: 24 Jul 2025 12:01

Instrument :

BNA_P

ClientSampleId :

CC0627-AL

Tgt Ion: 77 Resp: 273640

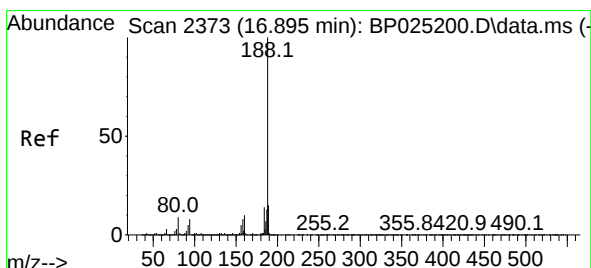
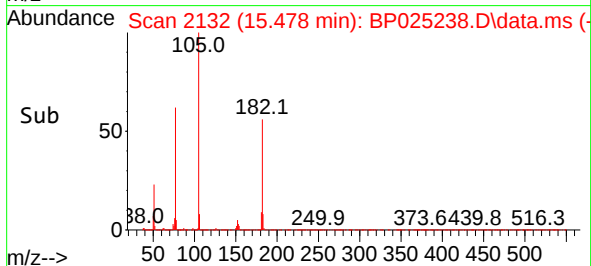
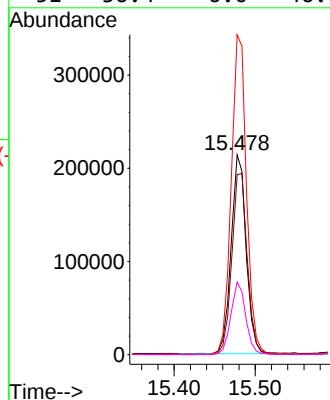
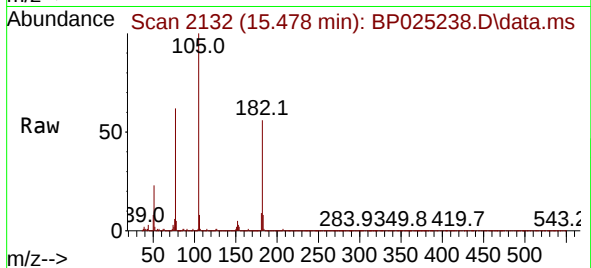
Ion Ratio Lower Upper

77 100

182 90.1 12.0 52.0#

105 160.1 3.6 43.6#

51 36.4 6.0 46.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.895 min Scan# 2373

Delta R.T. 0.000 min

Lab File: BP025238.D

Acq: 24 Jul 2025 12:01

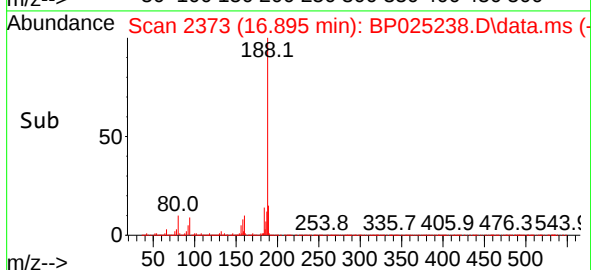
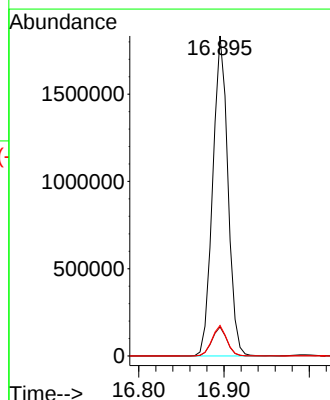
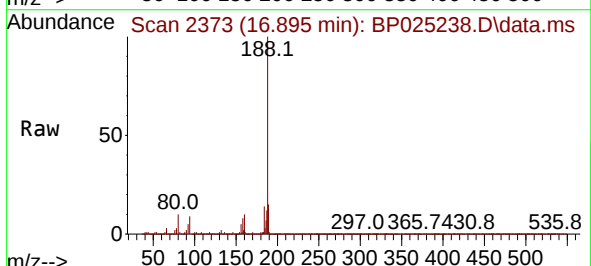
Tgt Ion:188 Resp: 2268387

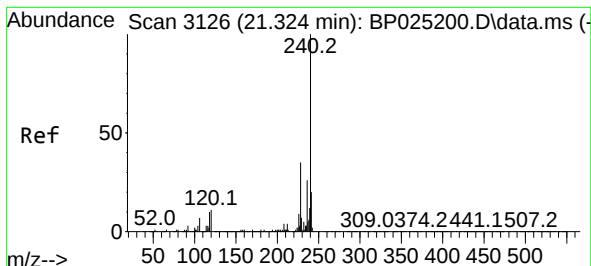
Ion Ratio Lower Upper

188 100

94 9.0 6.8 10.2

80 9.6 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.342 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP025238.D

Acq: 24 Jul 2025 12:01

Instrument :

BNA_P

ClientSampleId :

CC0627-AL

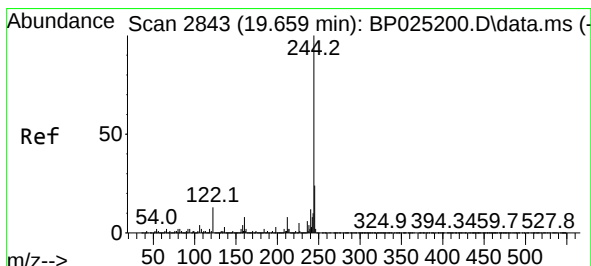
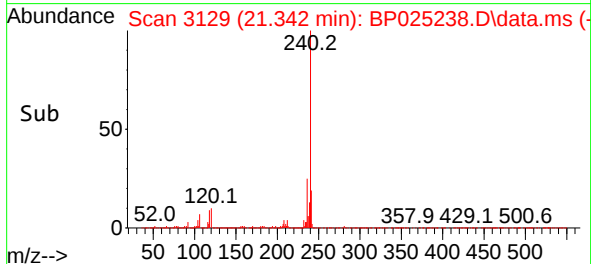
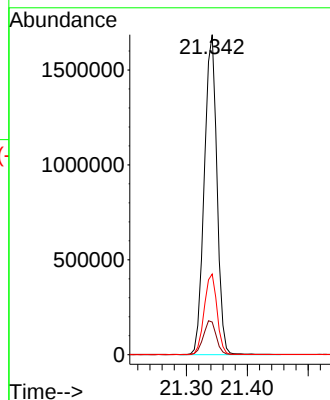
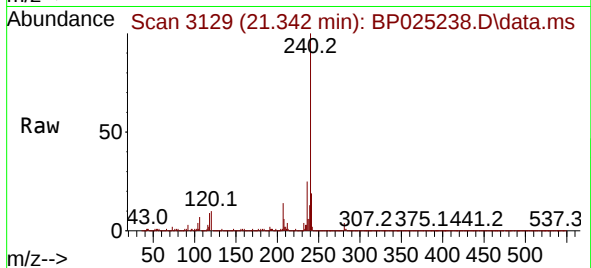
Tgt Ion:240 Resp: 2431543

Ion Ratio Lower Upper

240 100

120 10.2 8.8 13.2

236 25.2 20.9 31.3



#79

Terphenyl-d14

Concen: 87.619 ng

RT: 19.666 min Scan# 2844

Delta R.T. 0.007 min

Lab File: BP025238.D

Acq: 24 Jul 2025 12:01

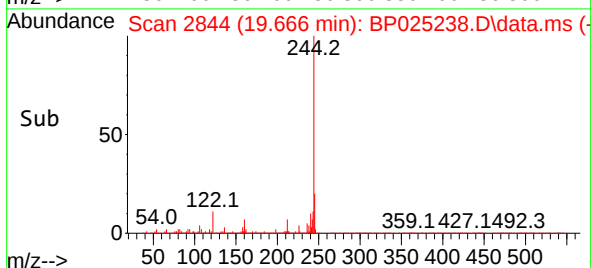
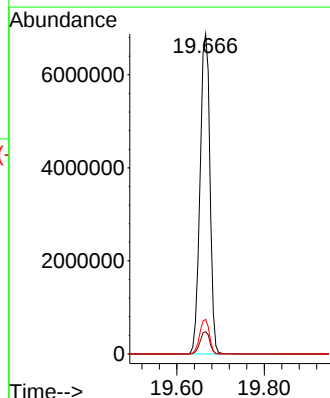
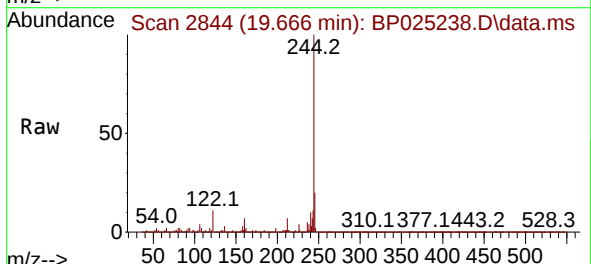
Tgt Ion:244 Resp:10792574

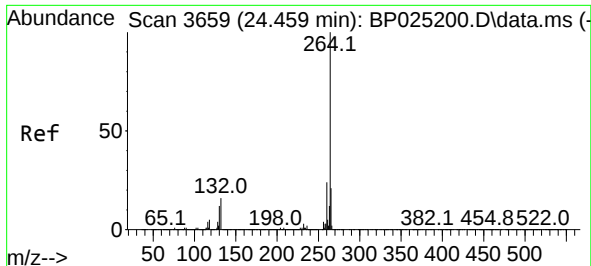
Ion Ratio Lower Upper

244 100

212 7.0 6.6 9.8

122 10.8 10.3 15.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.483 min Scan# 30
 Delta R.T. 0.024 min
 Lab File: BP025238.D
 Acq: 24 Jul 2025 12:01

Instrument :
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Tgt Ion:264 Resp: 2751178
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 22.4 17.5 26.3

