

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
 Data File : BP025229.D
 Acq On : 23 Jul 2025 18:58
 Operator : CG/JU
 Sample : PB168919TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168919TB

Quant Time: Jul 24 01:50:14 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	7.437	152	517915	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2038171	20.000	ng	0.00
39) Acenaphthene-d10	14.072	164	1320579	20.000	ng	0.00
64) Phenanthrene-d10	16.901	188	2775304	20.000	ng	0.00
76) Chrysene-d12	21.336	240	2926968	20.000	ng	0.01
86) Perylene-d12	24.454	264	3370581	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	3821103	124.659	ng	0.00
7) Phenol-d6	6.643	99	4691842	123.586	ng	0.00
23) Nitrobenzene-d5	8.566	82	2901689	79.118	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	2599560	133.528	ng	0.00
45) 2-Fluorobiphenyl	12.672	172	7521985	80.303	ng	-0.01
79) Terphenyl-d14	19.654	244	11952699	80.612	ng	0.00

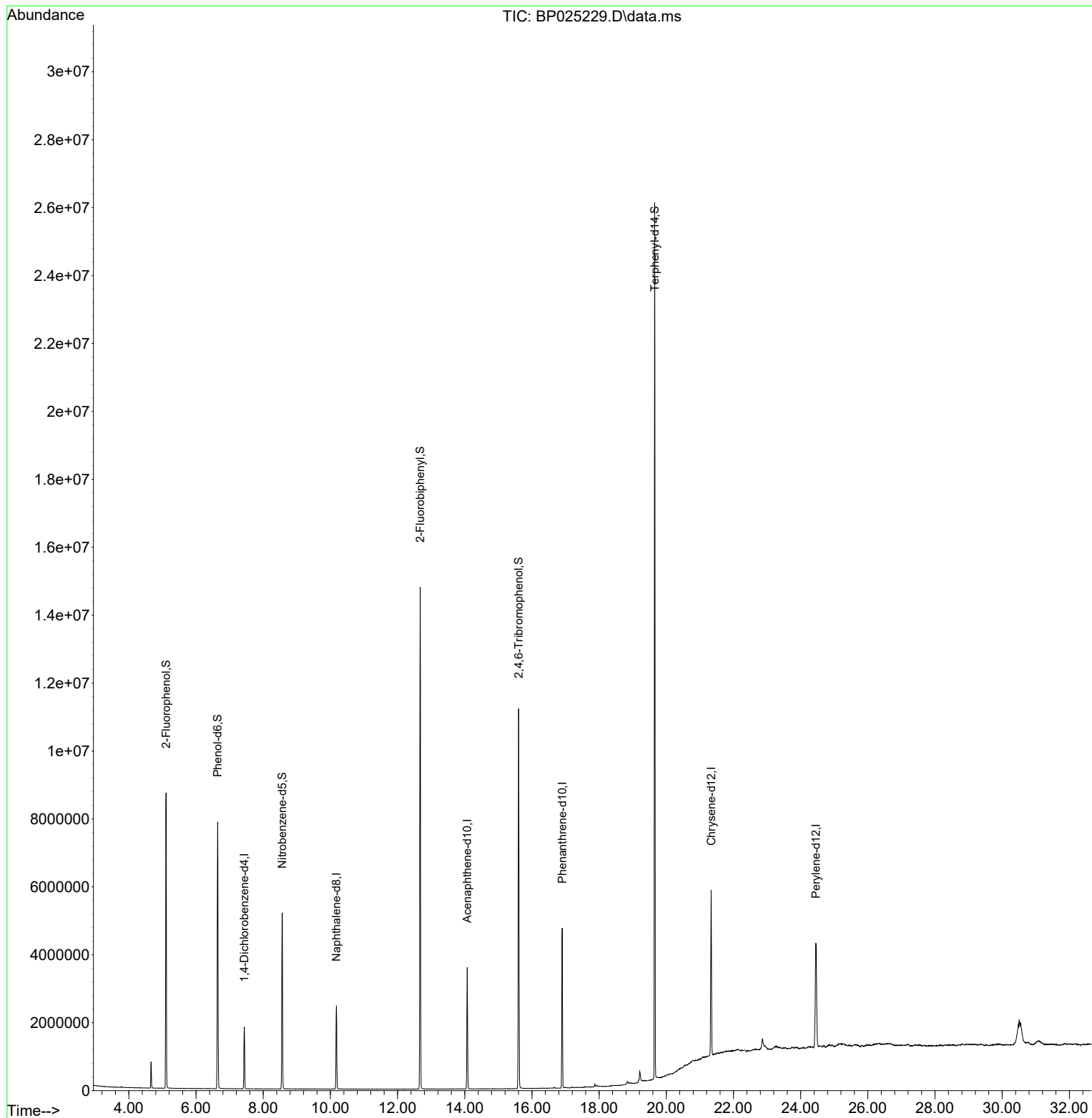
Target Compounds	Qvalue

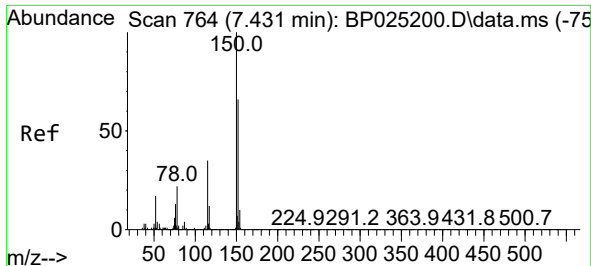
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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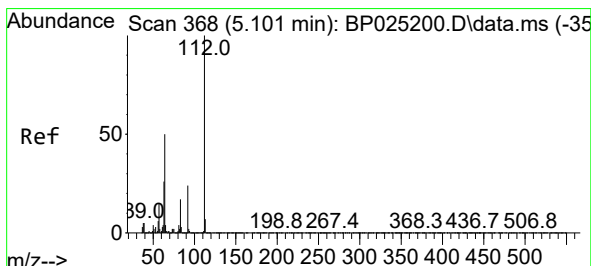
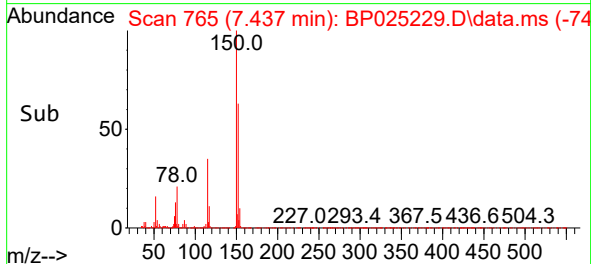
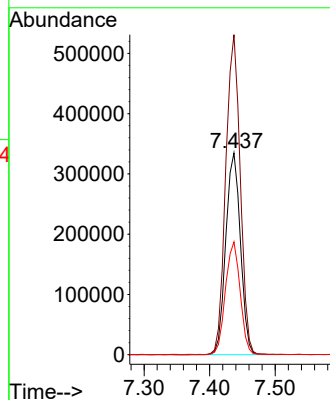
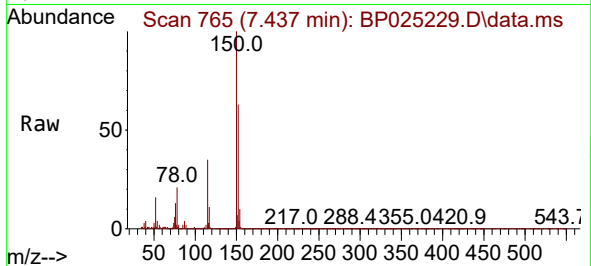




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 70
Delta R.T. 0.006 min
Lab File: BP025229.D
Acq: 23 Jul 2025 18:58

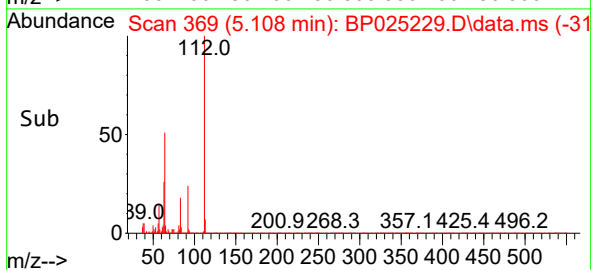
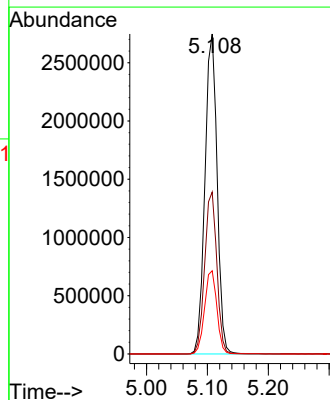
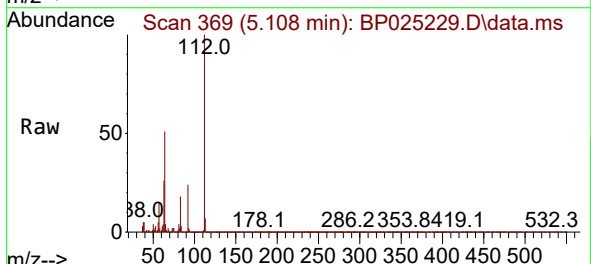
Instrument :
BNA_P
ClientSampleId :
PB168919TB

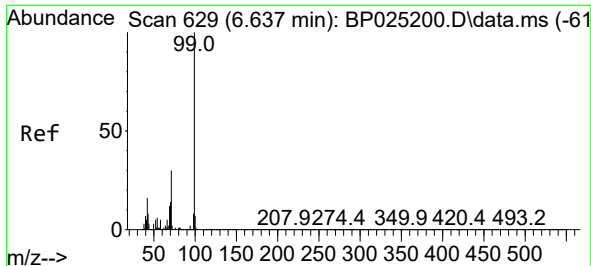
Tgt Ion:152 Resp: 517915
Ion Ratio Lower Upper
152 100
150 158.5 121.9 182.9
115 55.9 43.0 64.6



#5
2-Fluorophenol
Concen: 124.659 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP025229.D
Acq: 23 Jul 2025 18:58

Tgt Ion:112 Resp: 3821103
Ion Ratio Lower Upper
112 100
64 50.6 39.8 59.6
63 26.0 20.5 30.7



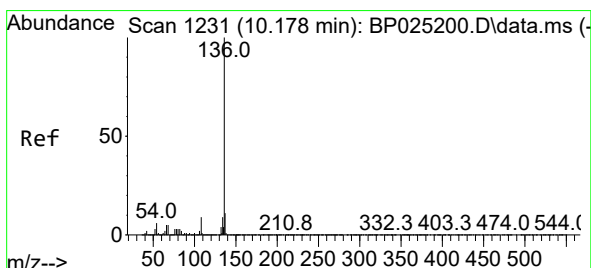
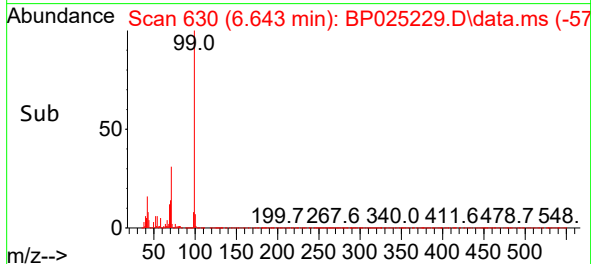
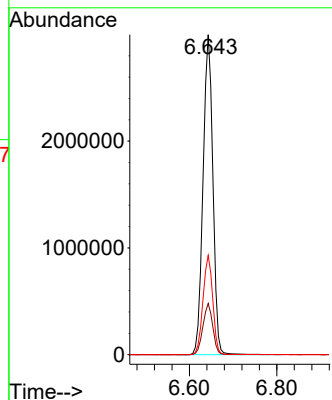
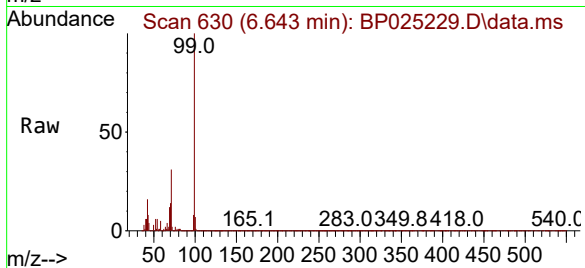


#7
Phenol-d6
Concen: 123.586 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025229.D
Acq: 23 Jul 2025 18:58

Instrument :
BNA_P
ClientSampleId :
PB168919TB

Tgt Ion: 99 Resp: 4691842

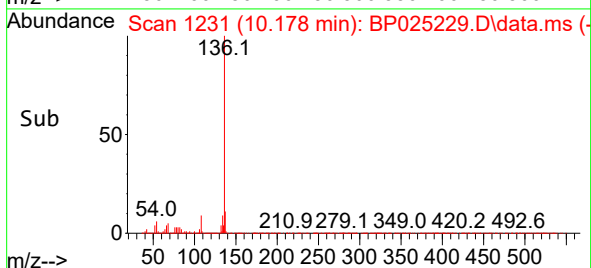
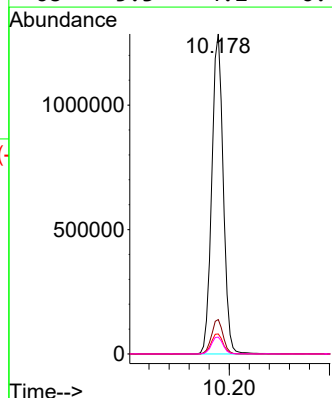
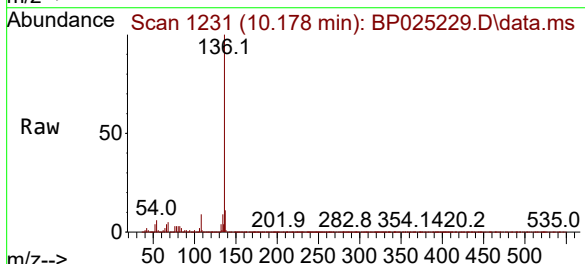
Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.5	18.7
71	31.0	24.2	36.2

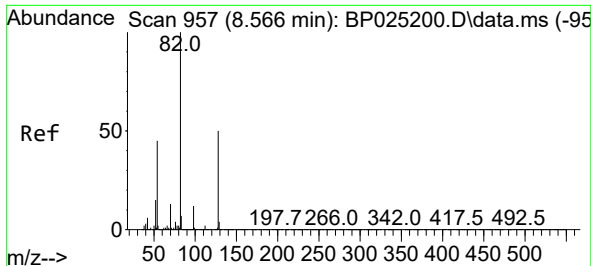


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BP025229.D
Acq: 23 Jul 2025 18:58

Tgt Ion: 136 Resp: 2038171

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.2	5.1	7.7
68	5.3	4.2	6.4

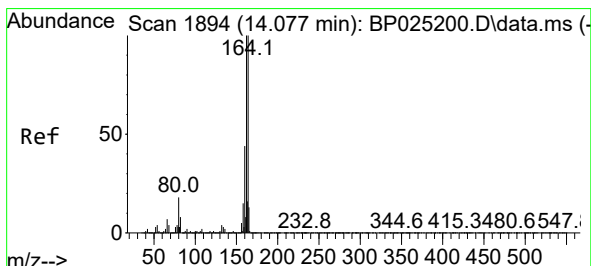
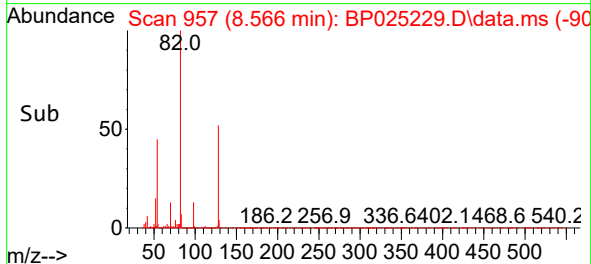
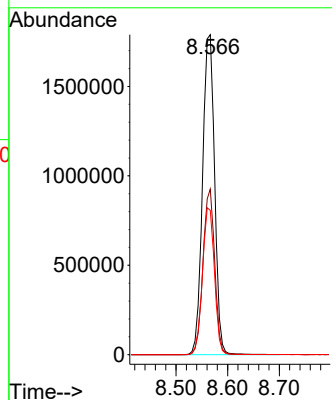
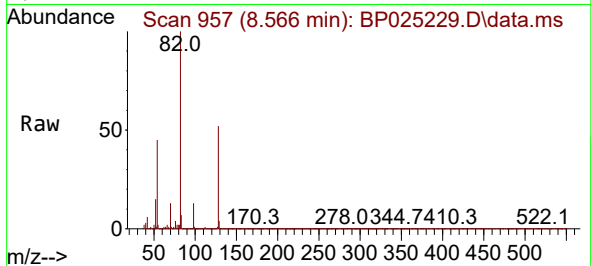




#23
Nitrobenzene-d5
Concen: 79.118 ng
RT: 8.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP025229.D
Acq: 23 Jul 2025 18:58

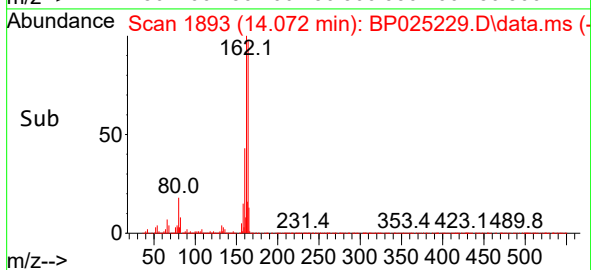
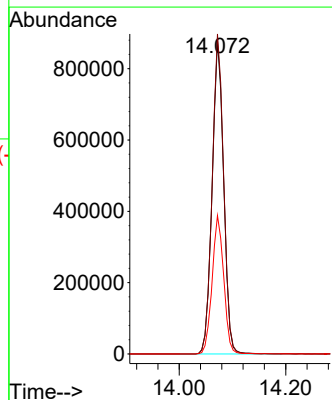
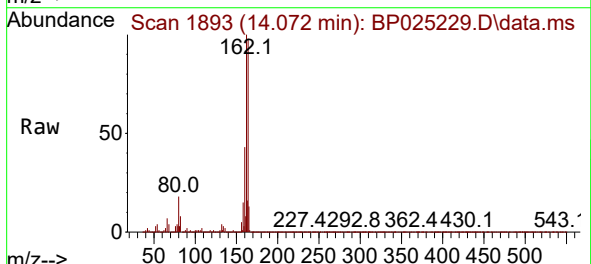
Instrument :
BNA_P
ClientSampleId :
PB168919TB

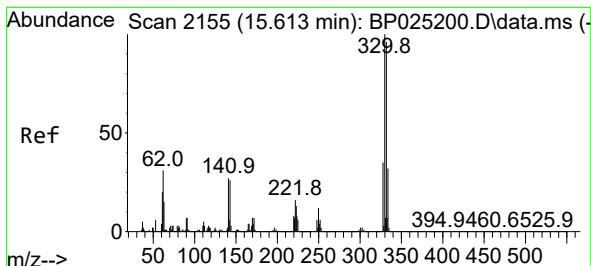
Tgt Ion: 82 Resp: 2901689
Ion Ratio Lower Upper
82 100
128 51.7 40.2 60.4
54 45.1 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.072 min Scan# 1893
Delta R.T. -0.005 min
Lab File: BP025229.D
Acq: 23 Jul 2025 18:58

Tgt Ion: 164 Resp: 1320579
Ion Ratio Lower Upper
164 100
162 102.2 80.3 120.5
160 44.2 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 133.528 ng

RT: 15.607 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP025229.D

Acq: 23 Jul 2025 18:58

Instrument :

BNA_P

ClientSampleId :

PB168919TB

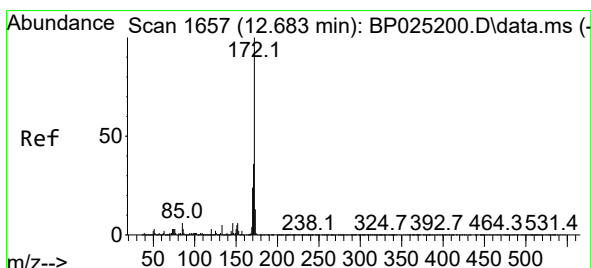
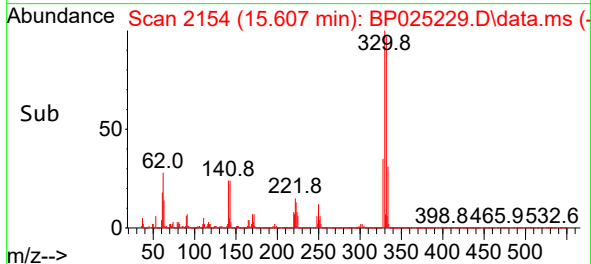
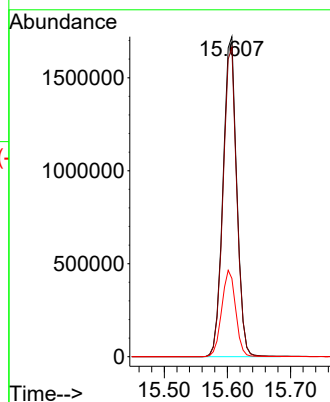
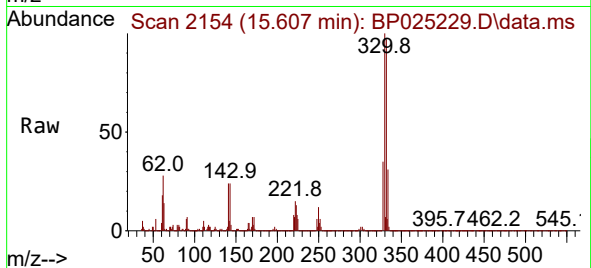
Tgt Ion:330 Resp: 2599560

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 27.4 22.4 33.6



#45

2-Fluorobiphenyl

Concen: 80.303 ng

RT: 12.672 min Scan# 1655

Delta R.T. -0.011 min

Lab File: BP025229.D

Acq: 23 Jul 2025 18:58

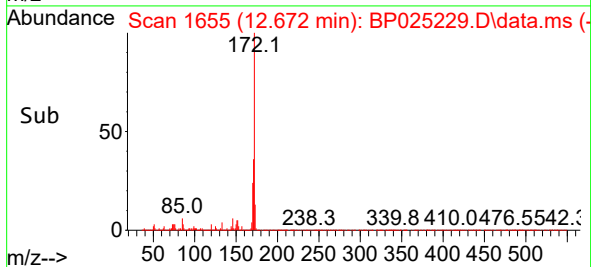
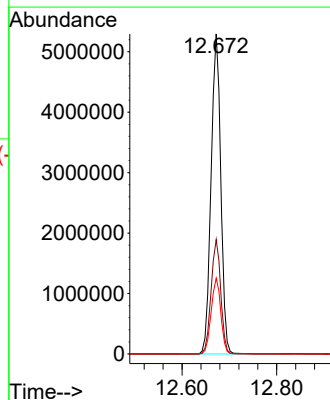
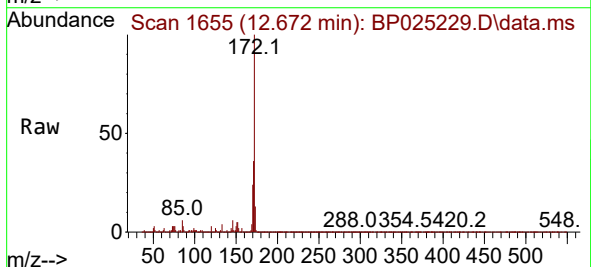
Tgt Ion:172 Resp: 7521985

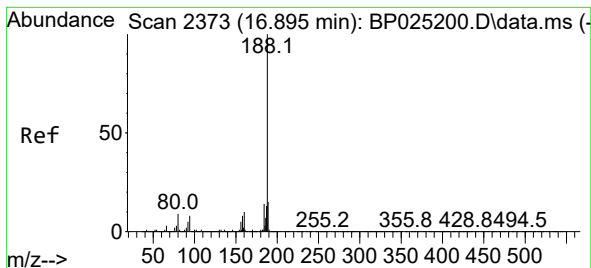
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.7 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.901 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025229.D

Acq: 23 Jul 2025 18:58

Instrument :

BNA_P

ClientSampleId :

PB168919TB

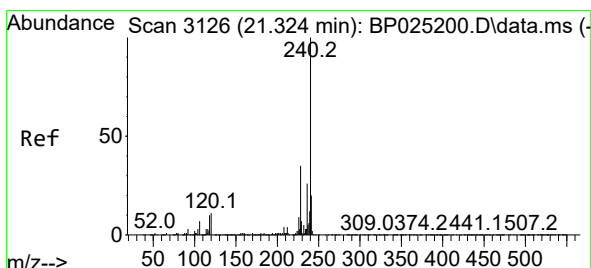
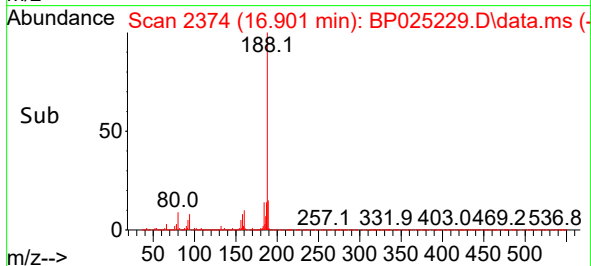
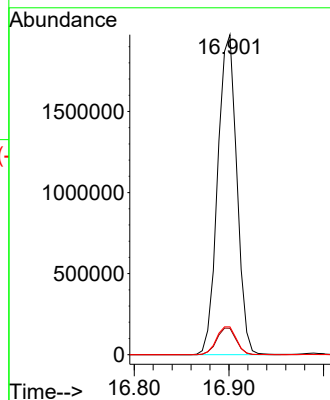
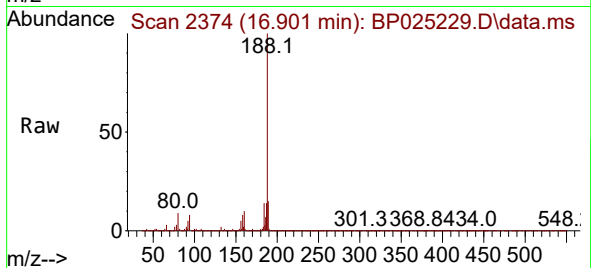
Tgt Ion:188 Resp: 2775304

Ion Ratio Lower Upper

188 100

94 8.3 6.8 10.2

80 8.7 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.336 min Scan# 3128

Delta R.T. 0.012 min

Lab File: BP025229.D

Acq: 23 Jul 2025 18:58

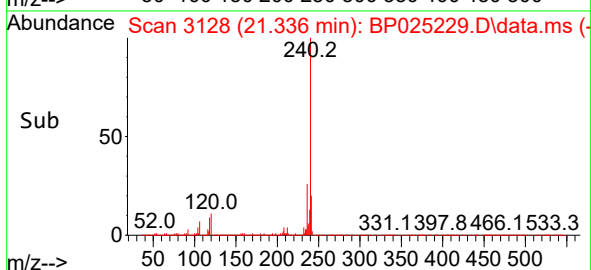
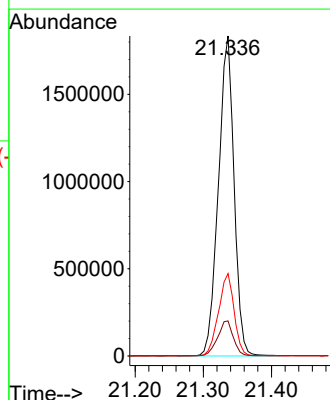
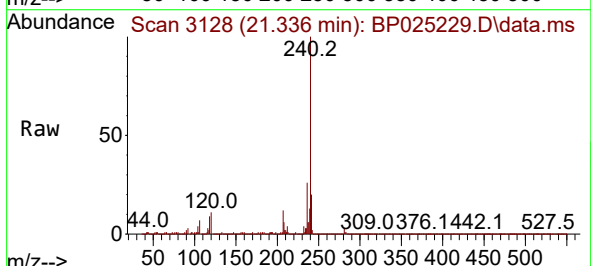
Tgt Ion:240 Resp: 2926968

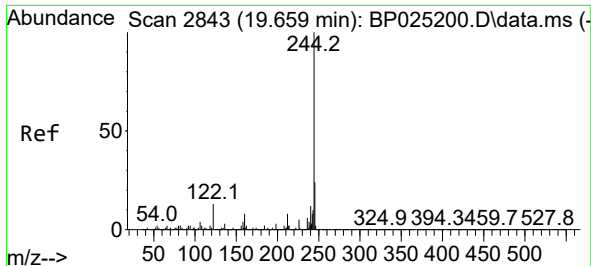
Ion Ratio Lower Upper

240 100

120 10.9 8.8 13.2

236 25.8 20.9 31.3

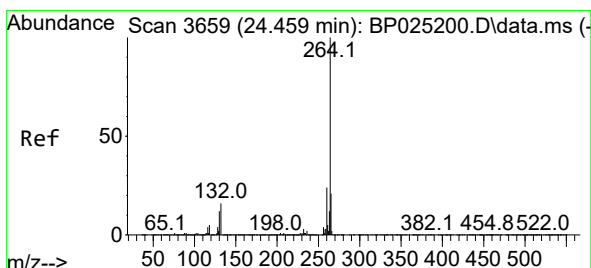
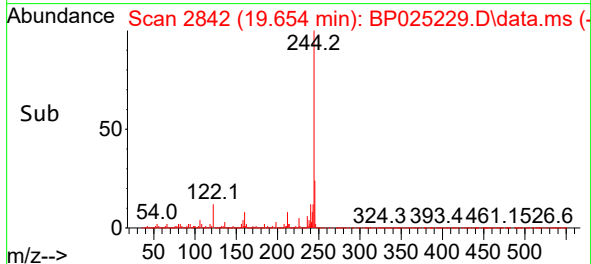
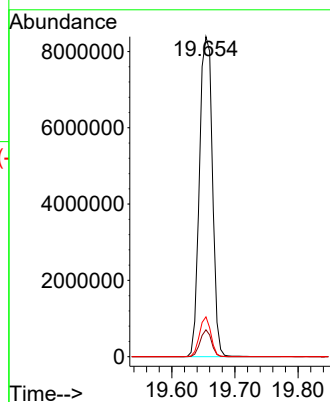
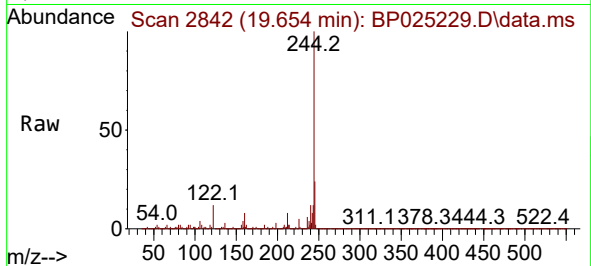




#79
 Terphenyl-d14
 Concen: 80.612 ng
 RT: 19.654 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BP025229.D
 Acq: 23 Jul 2025 18:58

Instrument :
 BNA_P
 ClientSampleId :
 PB168919TB

Tgt Ion:244 Resp:11952699
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 9.8
 122 12.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.454 min Scan# 3658
 Delta R.T. -0.005 min
 Lab File: BP025229.D
 Acq: 23 Jul 2025 18:58

Tgt Ion:264 Resp: 3370581
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 22.3 17.5 26.3

