

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
 Data File : BP025220.D
 Acq On : 23 Jul 2025 12:03
 Operator : CG/JU
 Sample : PB168919TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168919TB

Quant Time: Jul 23 12:24:52 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	470343	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	1838287	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	1176379	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	2518248	20.000	ng	0.00
76) Chrysene-d12	21.342	240	2793931	20.000	ng	0.02
86) Perylene-d12	24.477	264	3280608	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	3548946	127.491	ng	0.00
7) Phenol-d6	6.643	99	4364547	126.593	ng	0.00
23) Nitrobenzene-d5	8.566	82	2623675	79.316	ng	0.00
42) 2,4,6-Tribromophenol	15.601	330	2335571	134.674	ng	-0.01
45) 2-Fluorobiphenyl	12.678	172	6858039	82.189	ng	0.00
79) Terphenyl-d14	19.666	244	12145031	85.810	ng	0.00

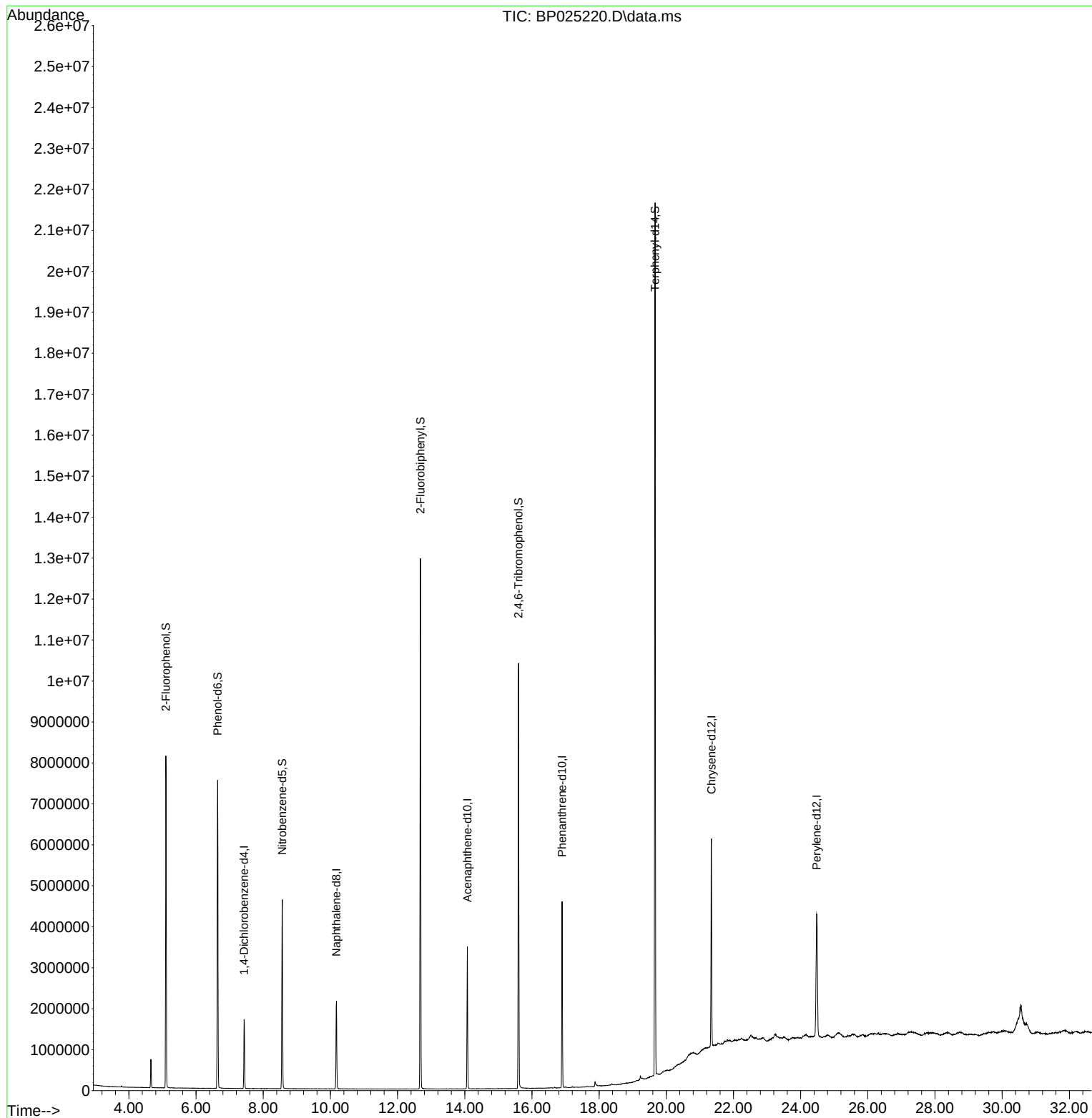
Target Compounds	Qvalue

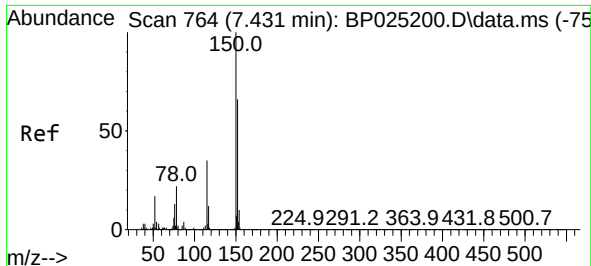
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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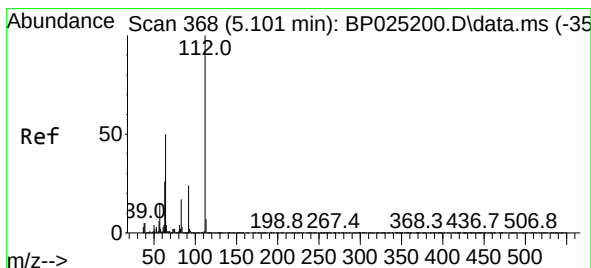
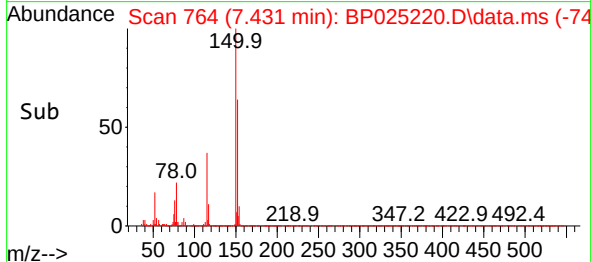
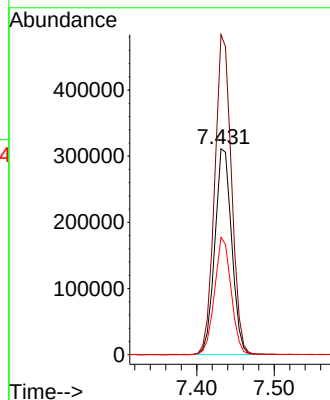
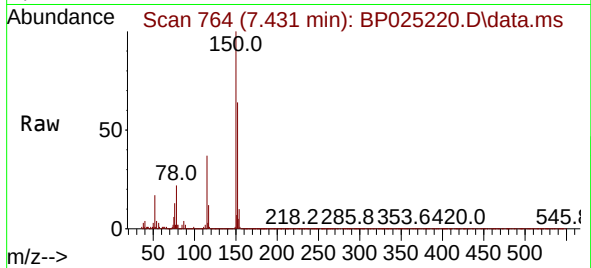


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.431 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: BP025220.D
 Acq: 23 Jul 2025 12:03

Instrument :
 BNA_P
 ClientSampleId :
 PB168919TB

Tgt Ion:152 Resp: 470343

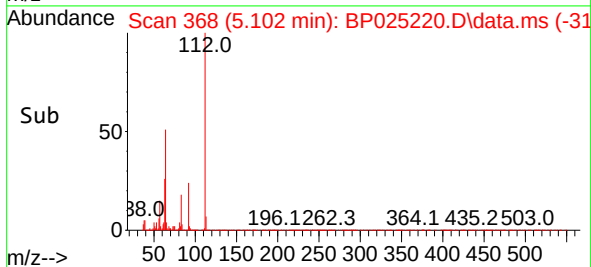
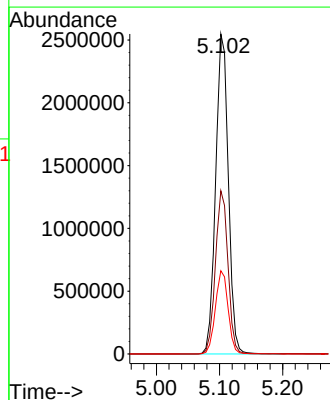
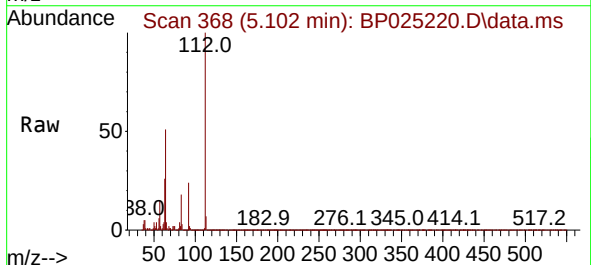
Ion	Ratio	Lower	Upper
152	100		
150	155.4	121.9	182.9
115	57.0	43.0	64.6

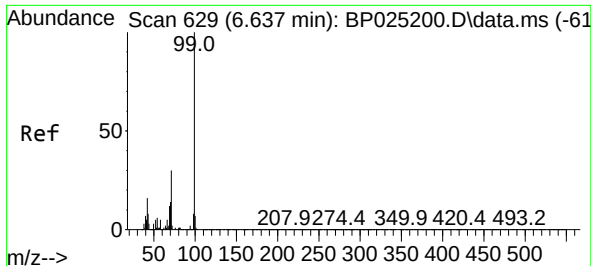


#5
 2-Fluorophenol
 Concen: 127.491 ng
 RT: 5.102 min Scan# 368
 Delta R.T. 0.000 min
 Lab File: BP025220.D
 Acq: 23 Jul 2025 12:03

Tgt Ion:112 Resp: 3548946

Ion	Ratio	Lower	Upper
112	100		
64	51.0	39.8	59.6
63	26.0	20.5	30.7

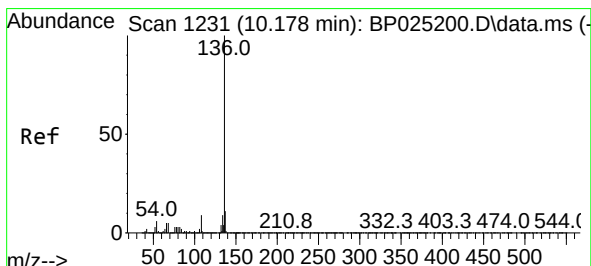
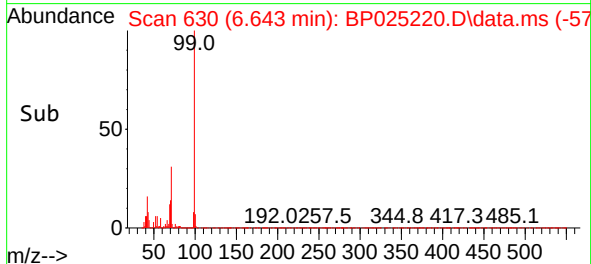
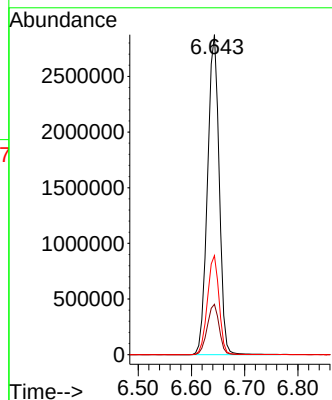
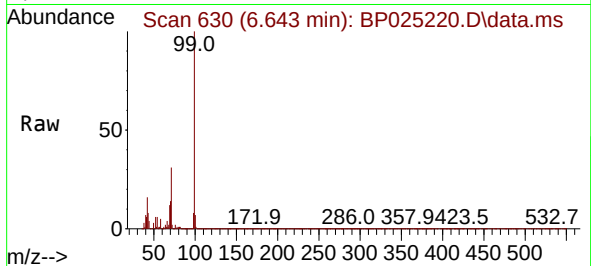




#7
Phenol-d6
Concen: 126.593 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025220.D
Acq: 23 Jul 2025 12:03

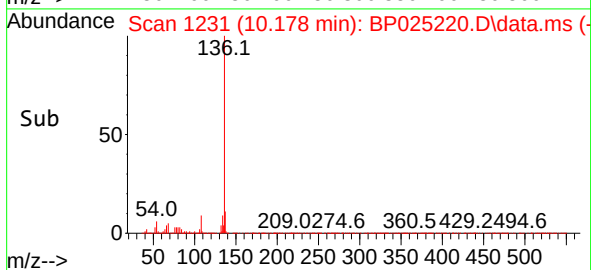
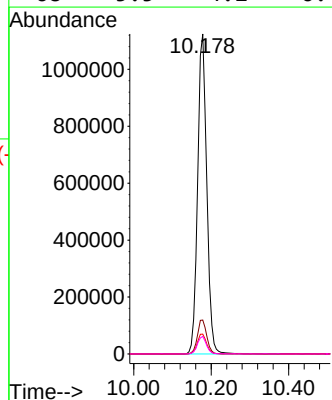
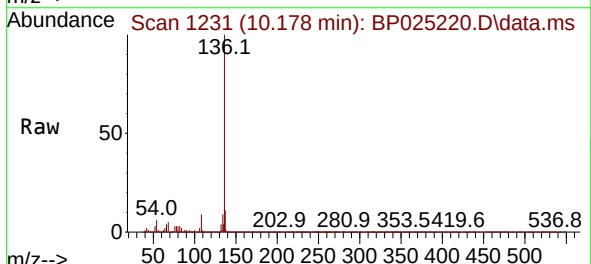
Instrument :
BNA_P
ClientSampleId :
PB168919TB

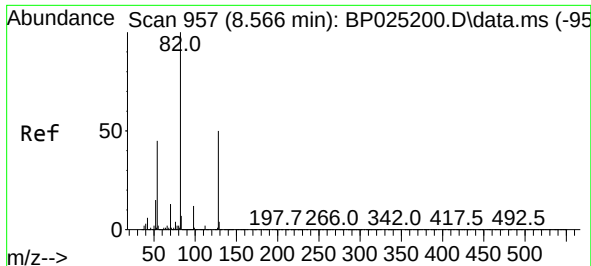
Tgt Ion: 99 Resp: 4364547
Ion Ratio Lower Upper
99 100
42 15.7 12.5 18.7
71 30.9 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BP025220.D
Acq: 23 Jul 2025 12:03

Tgt Ion:136 Resp: 1838287
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.2 5.1 7.7
68 5.5 4.2 6.4

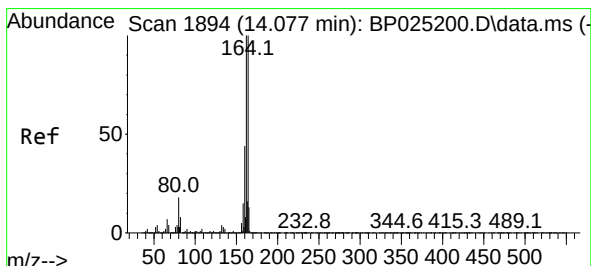
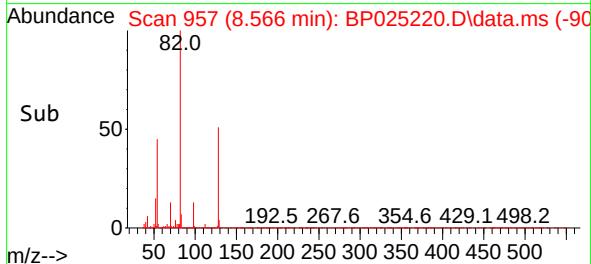
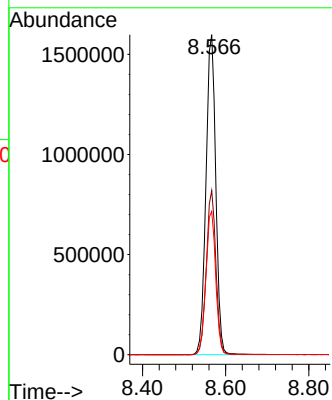
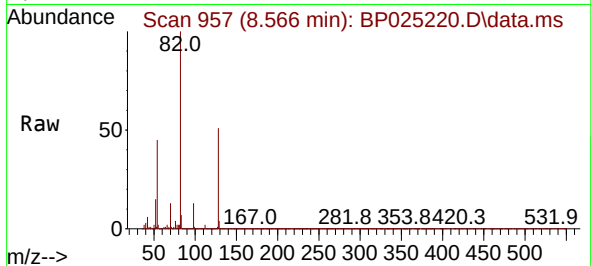




#23
Nitrobenzene-d5
Concen: 79.316 ng
RT: 8.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP025220.D
Acq: 23 Jul 2025 12:03

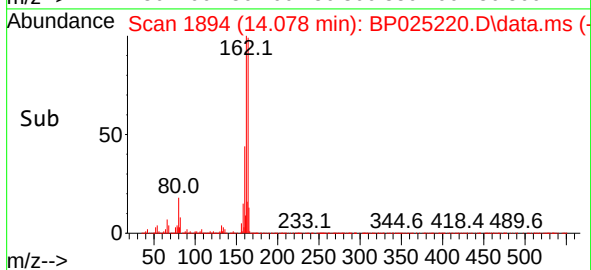
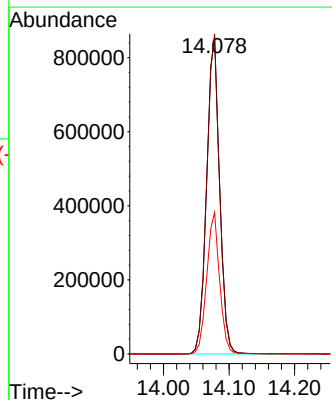
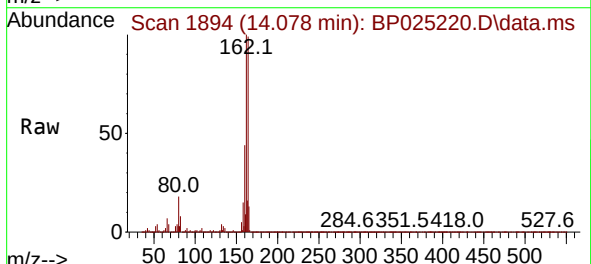
Instrument :
BNA_P
ClientSampleId :
PB168919TB

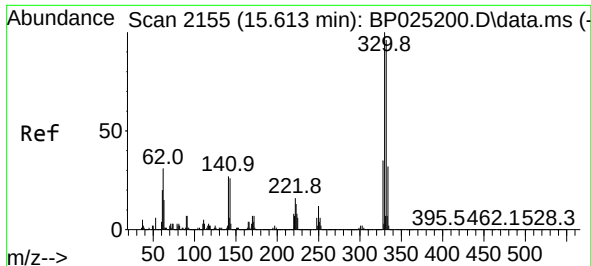
Tgt Ion: 82 Resp: 2623675
Ion Ratio Lower Upper
82 100
128 51.3 40.2 60.4
54 44.8 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BP025220.D
Acq: 23 Jul 2025 12:03

Tgt Ion:164 Resp: 1176379
Ion Ratio Lower Upper
164 100
162 101.1 80.3 120.5
160 44.7 35.7 53.5

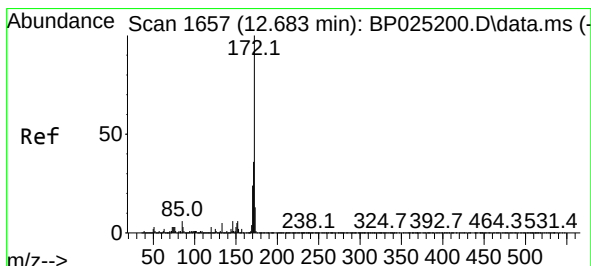
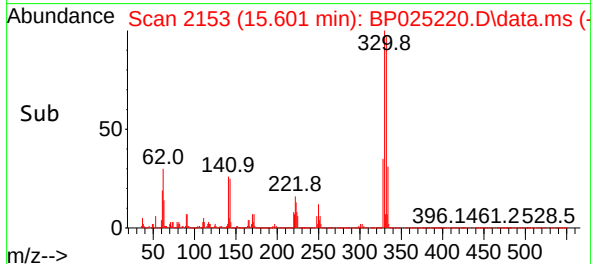
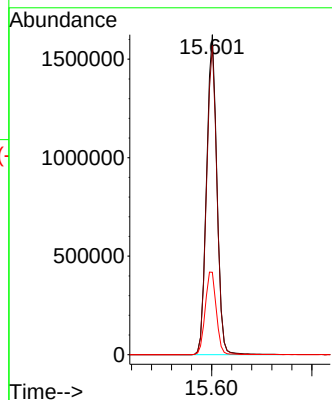
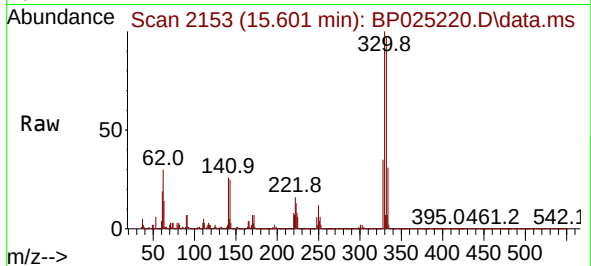




#42
2,4,6-Tribromophenol
Concen: 134.674 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.011 min
Lab File: BP025220.D
Acq: 23 Jul 2025 12:03

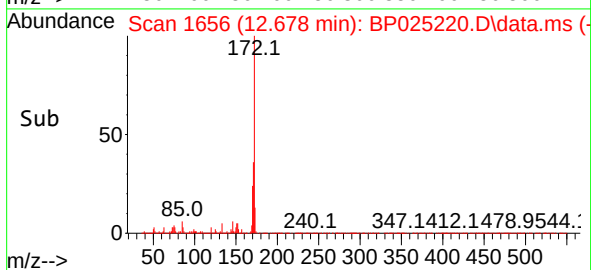
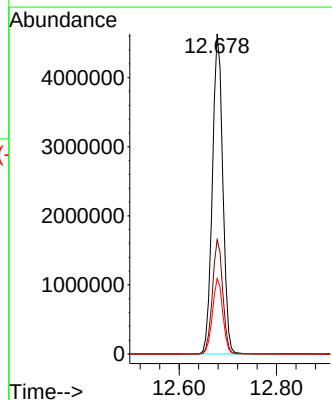
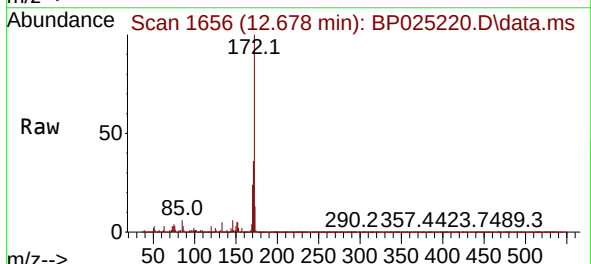
Instrument :
BNA_P
ClientSampleId :
PB168919TB

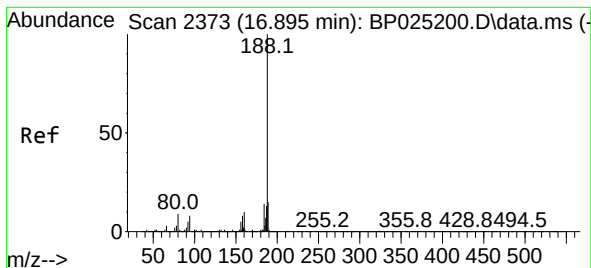
Tgt Ion:330 Resp: 2335571
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 27.7 22.4 33.6



#45
2-Fluorobiphenyl
Concen: 82.189 ng
RT: 12.678 min Scan# 1656
Delta R.T. -0.005 min
Lab File: BP025220.D
Acq: 23 Jul 2025 12:03

Tgt Ion:172 Resp: 6858039
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.6 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.895 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025220.D

Acq: 23 Jul 2025 12:03

Instrument :

BNA_P

ClientSampleId :

PB168919TB

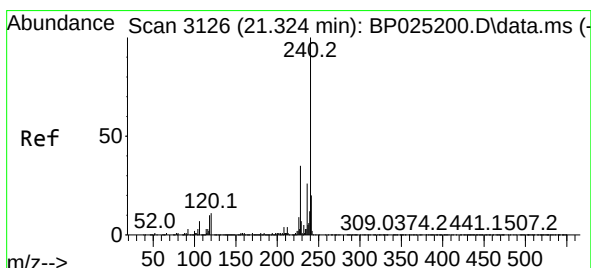
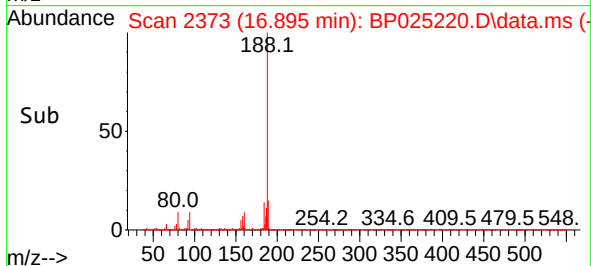
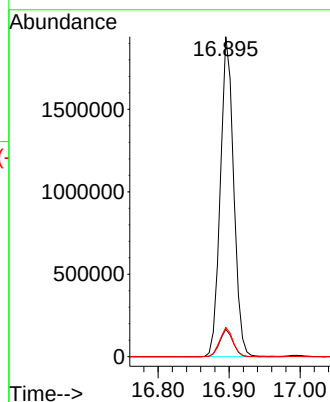
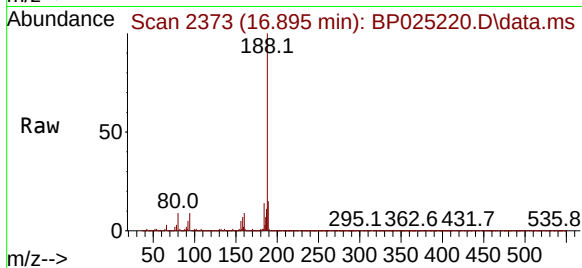
Tgt Ion:188 Resp: 2518248

Ion Ratio Lower Upper

188 100

94 8.5 6.8 10.2

80 9.1 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.342 min Scan# 3129

Delta R.T. 0.018 min

Lab File: BP025220.D

Acq: 23 Jul 2025 12:03

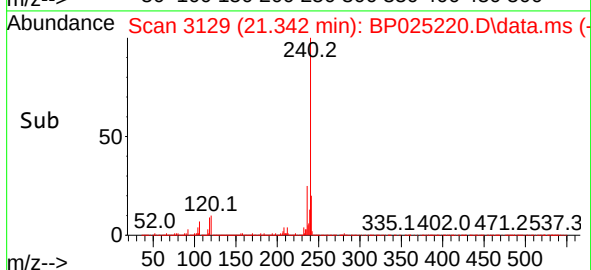
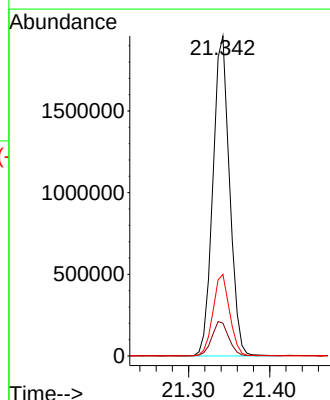
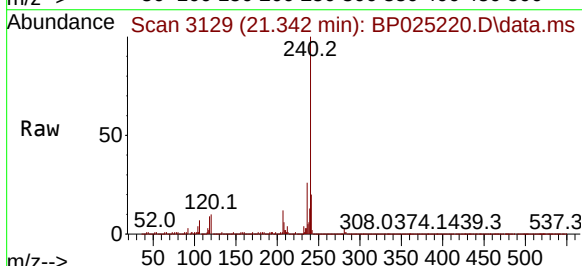
Tgt Ion:240 Resp: 2793931

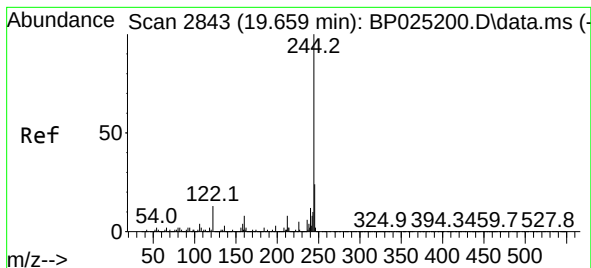
Ion Ratio Lower Upper

240 100

120 10.3 8.8 13.2

236 25.5 20.9 31.3





#79

Terphenyl-d14

Concen: 85.810 ng

RT: 19.666 min Scan# 21

Delta R.T. 0.007 min

Lab File: BP025220.D

Acq: 23 Jul 2025 12:03

Instrument :

BNA_P

ClientSampleId :

PB168919TB

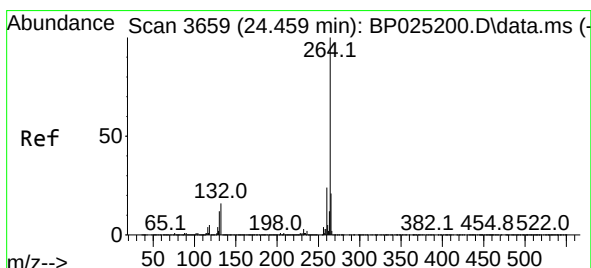
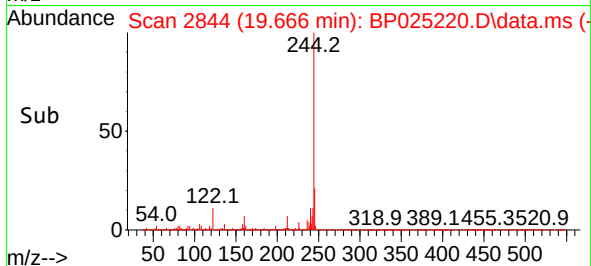
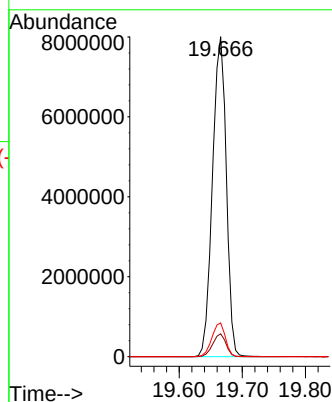
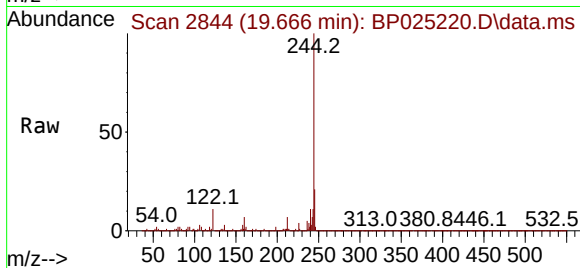
Tgt Ion:244 Resp:12145031

Ion Ratio Lower Upper

244 100

212 7.1 6.6 9.8

122 10.6 10.3 15.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.477 min Scan# 3662

Delta R.T. 0.018 min

Lab File: BP025220.D

Acq: 23 Jul 2025 12:03

Tgt Ion:264 Resp: 3280608

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 22.2 17.5 26.3

