

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
 Data File : BP025118.D
 Acq On : 14 Jul 2025 13:31
 Operator : CG/JU
 Sample : PB168816BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168816BL

Quant Time: Jul 14 14:38:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	445597	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1743784	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1130060	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	2451234	20.000	ng	-0.01
76) Chrysene-d12	21.330	240	2596761	20.000	ng	-0.01
86) Perylene-d12	24.460	264	2666838	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	3336712	132.679	ng	0.00
7) Phenol-d6	6.631	99	4139243	126.125	ng	0.00
23) Nitrobenzene-d5	8.560	82	2427942	92.598	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	2010884	150.630	ng	0.00
45) 2-Fluorobiphenyl	12.690	172	6453456	88.469	ng	0.00
79) Terphenyl-d14	19.672	244	10767580	91.132	ng	0.00

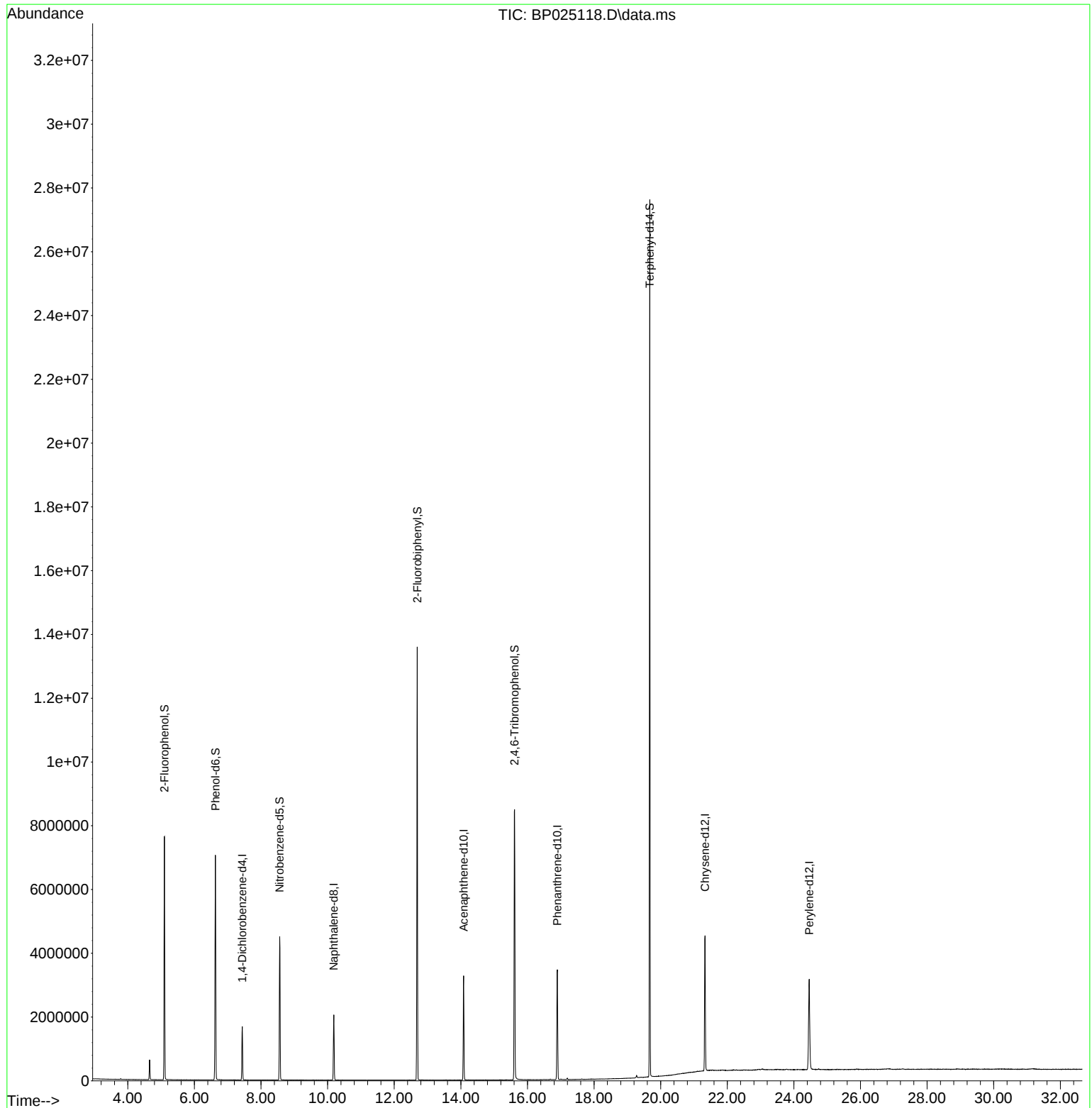
Target Compounds	Qvalue

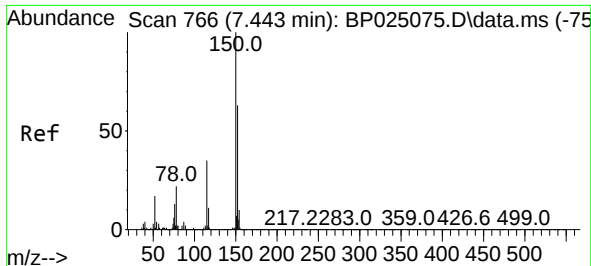
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025118.D
Acq On : 14 Jul 2025 13:31
Operator : CG/JU
Sample : PB168816BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168816BL

Quant Time: Jul 14 14:38:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

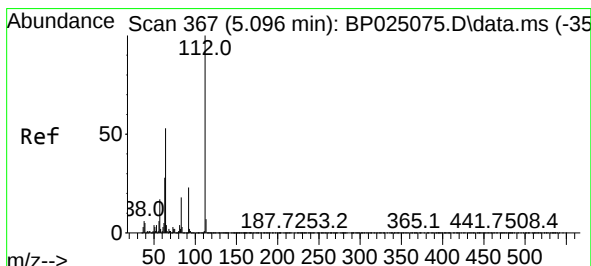
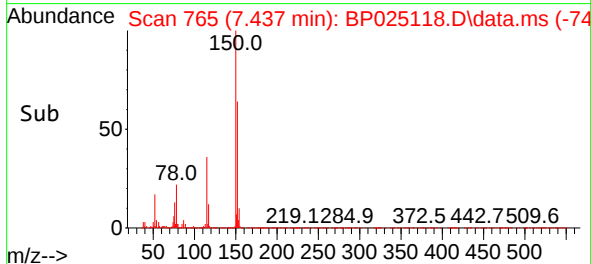
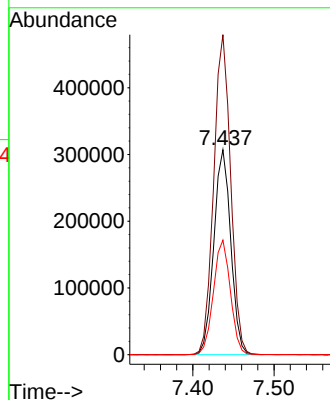
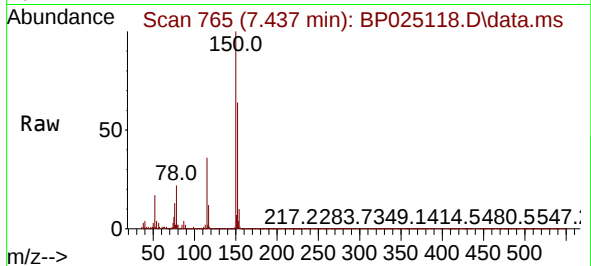




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 70
Delta R.T. -0.006 min
Lab File: BP025118.D
Acq: 14 Jul 2025 13:31

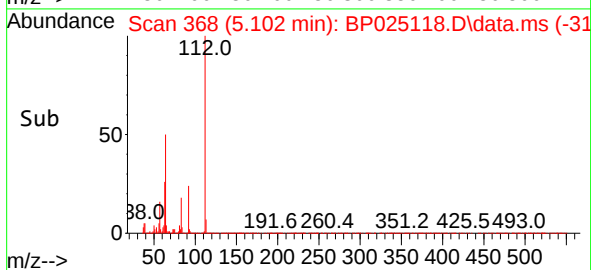
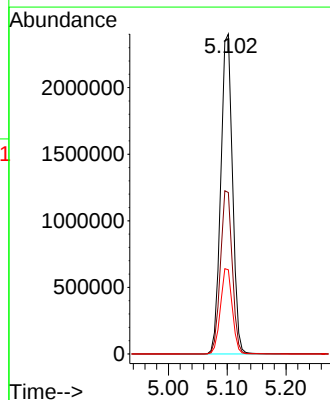
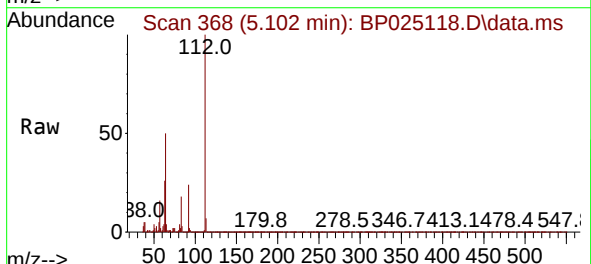
Instrument :
BNA_P
ClientSampleId :
PB168816BL

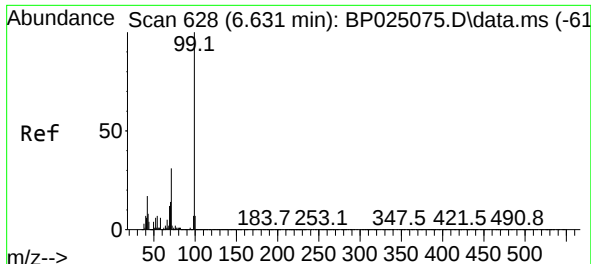
Tgt Ion:152 Resp: 445597
Ion Ratio Lower Upper
152 100
150 156.1 126.1 189.1
115 55.9 44.3 66.5



#5
2-Fluorophenol
Concen: 132.679 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025118.D
Acq: 14 Jul 2025 13:31

Tgt Ion:112 Resp: 3336712
Ion Ratio Lower Upper
112 100
64 50.5 42.0 63.0
63 26.3 22.2 33.2



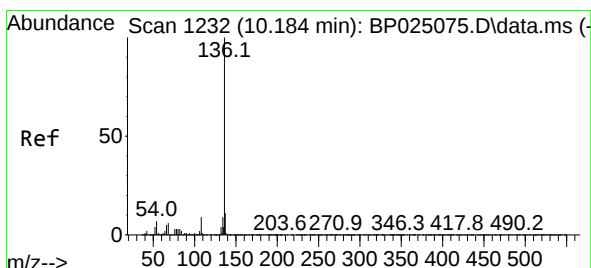
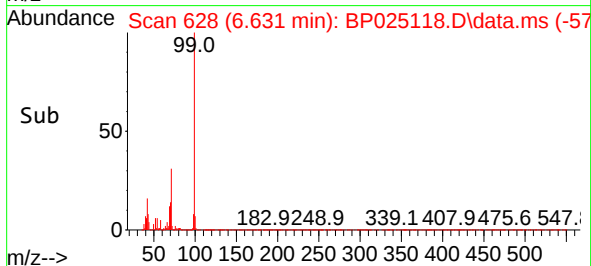
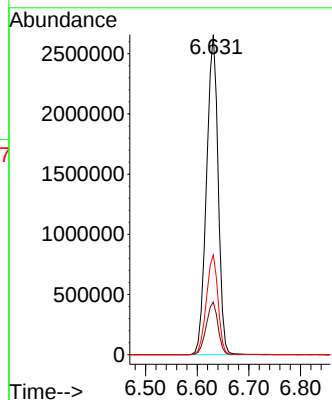
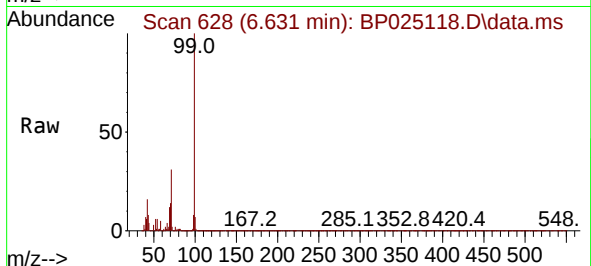


#7
Phenol-d6
Concen: 126.125 ng
RT: 6.631 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025118.D
Acq: 14 Jul 2025 13:31

Instrument :
BNA_P
ClientSampleId :
PB168816BL

Tgt Ion: 99 Resp: 4139243

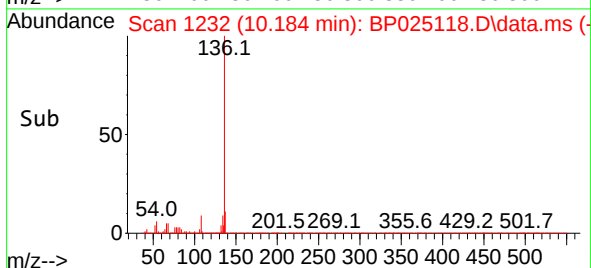
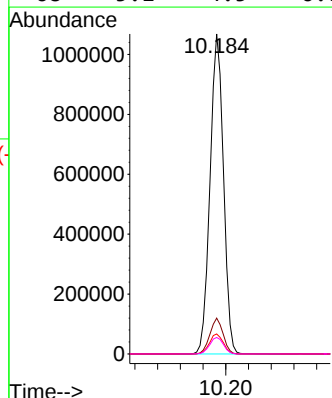
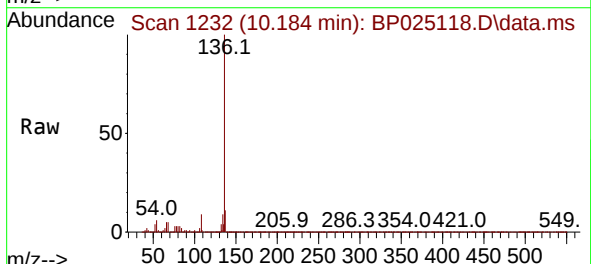
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.6	20.4
71	31.2	24.4	36.6

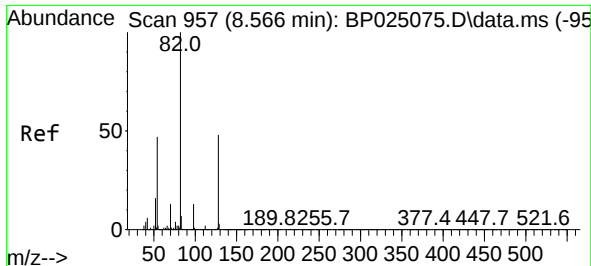


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BP025118.D
Acq: 14 Jul 2025 13:31

Tgt Ion: 136 Resp: 1743784

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.2	5.4	8.2
68	5.1	4.5	6.7

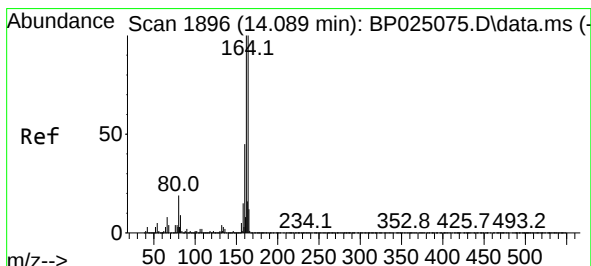
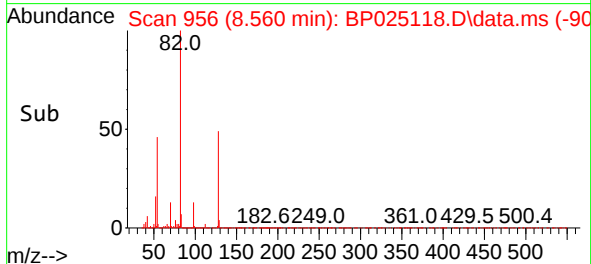
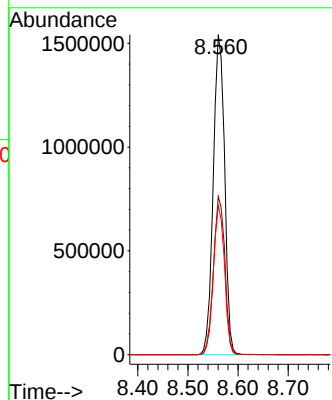
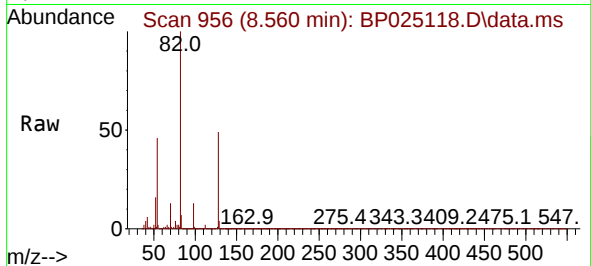




#23
 Nitrobenzene-d5
 Concen: 92.598 ng
 RT: 8.560 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BP025118.D
 Acq: 14 Jul 2025 13:31

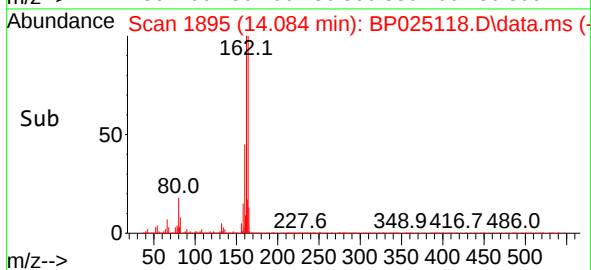
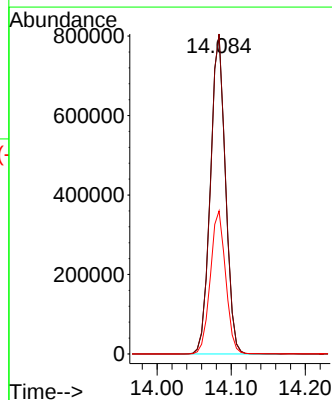
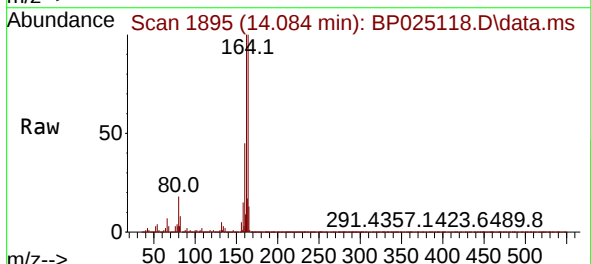
Instrument :
 BNA_P
 ClientSampleId :
 PB168816BL

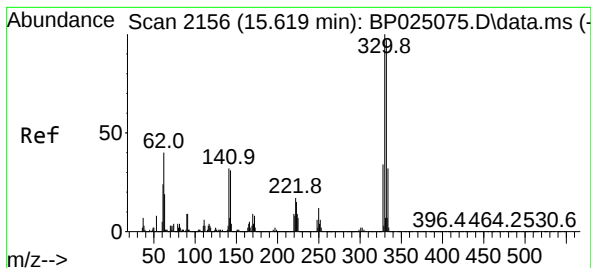
Tgt Ion: 82 Resp: 2427942
 Ion Ratio Lower Upper
 82 100
 128 49.4 38.4 57.6
 54 46.5 37.8 56.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.084 min Scan# 1895
 Delta R.T. -0.005 min
 Lab File: BP025118.D
 Acq: 14 Jul 2025 13:31

Tgt Ion:164 Resp: 1130060
 Ion Ratio Lower Upper
 164 100
 162 100.1 80.3 120.5
 160 44.7 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 150.630 ng

RT: 15.613 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025118.D

Acq: 14 Jul 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB168816BL

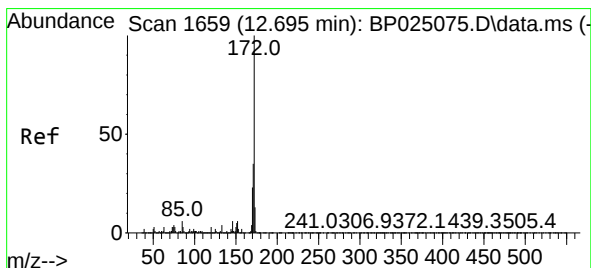
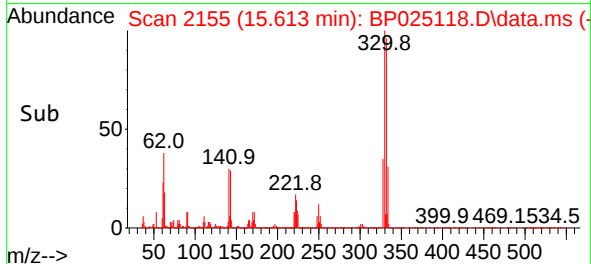
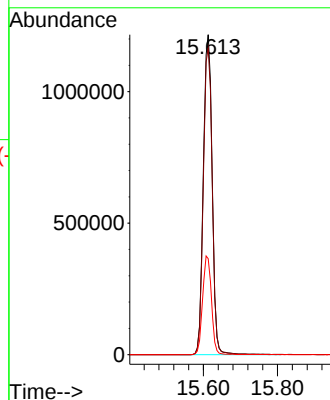
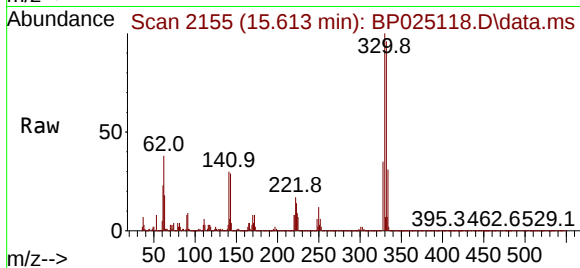
Tgt Ion:330 Resp: 2010884

Ion Ratio Lower Upper

330 100

332 96.2 77.7 116.5

141 30.9 26.0 39.0



#45

2-Fluorobiphenyl

Concen: 88.469 ng

RT: 12.690 min Scan# 1658

Delta R.T. -0.006 min

Lab File: BP025118.D

Acq: 14 Jul 2025 13:31

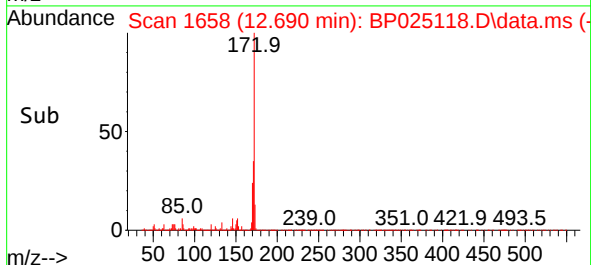
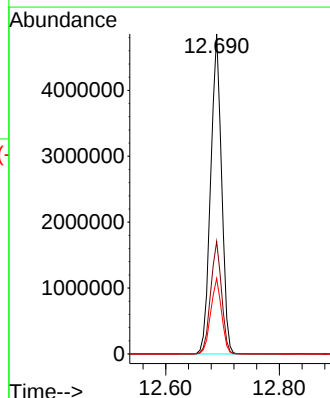
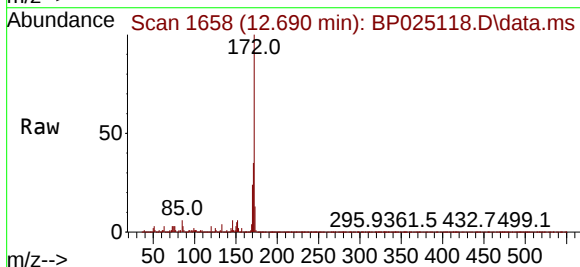
Tgt Ion:172 Resp: 6453456

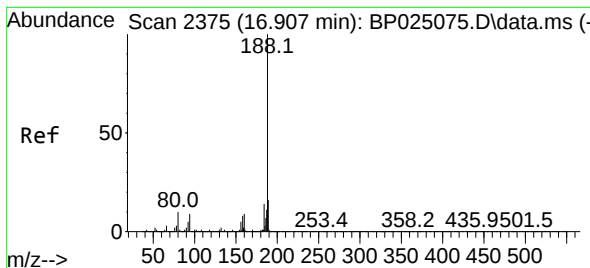
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.895 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025118.D

Acq: 14 Jul 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB168816BL

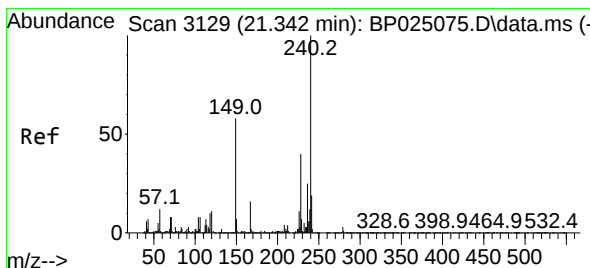
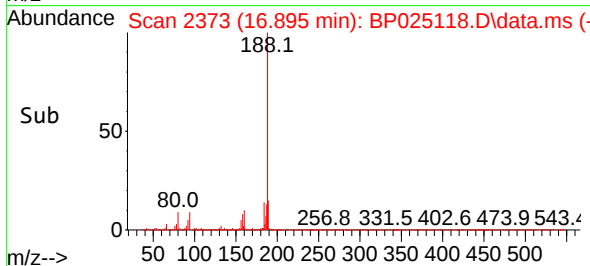
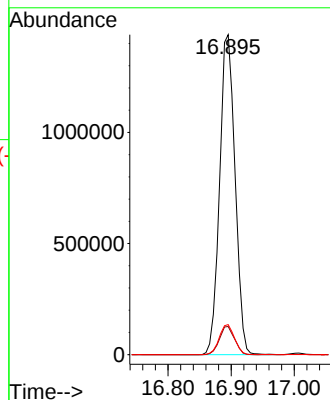
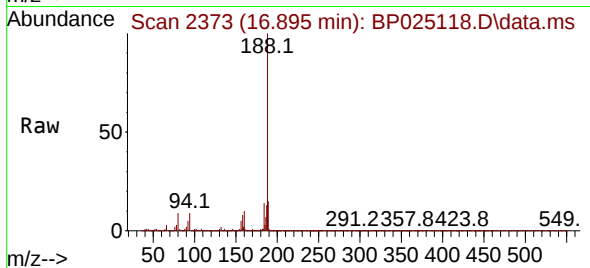
Tgt Ion:188 Resp: 2451234

Ion Ratio Lower Upper

188 100

94 8.8 7.3 10.9

80 9.4 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.330 min Scan# 3127

Delta R.T. -0.012 min

Lab File: BP025118.D

Acq: 14 Jul 2025 13:31

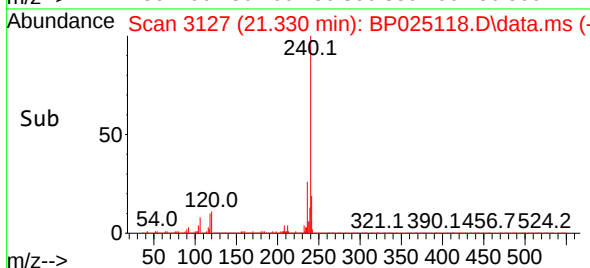
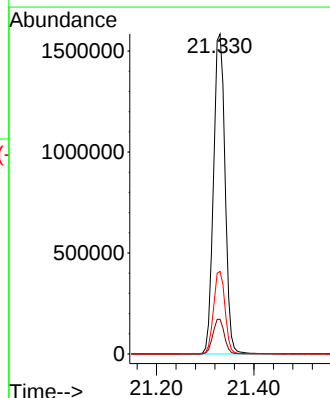
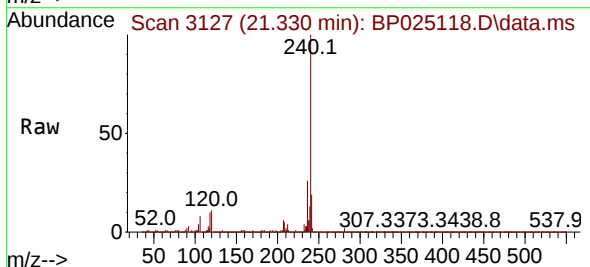
Tgt Ion:240 Resp: 2596761

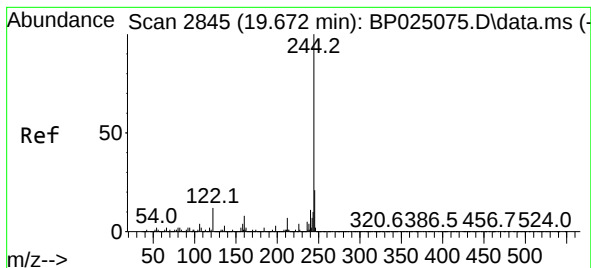
Ion Ratio Lower Upper

240 100

120 10.9 9.0 13.4

236 25.8 20.3 30.5





#79

Terphenyl-d14

Concen: 91.132 ng

RT: 19.672 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025118.D

Acq: 14 Jul 2025 13:31

Instrument :

BNA_P

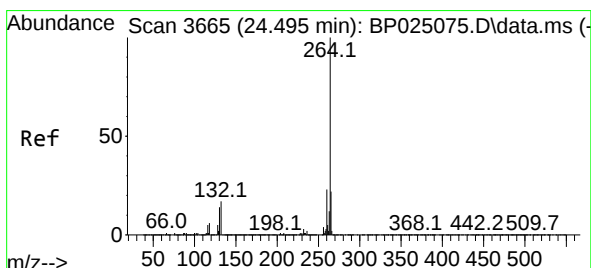
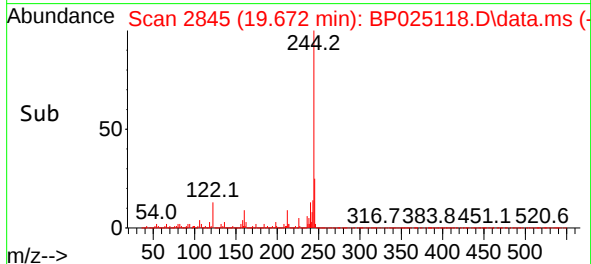
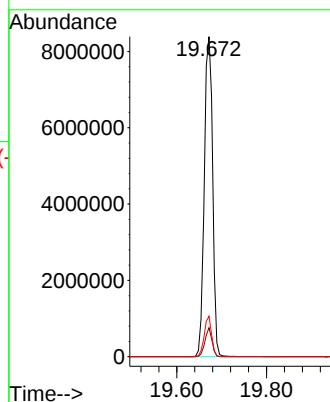
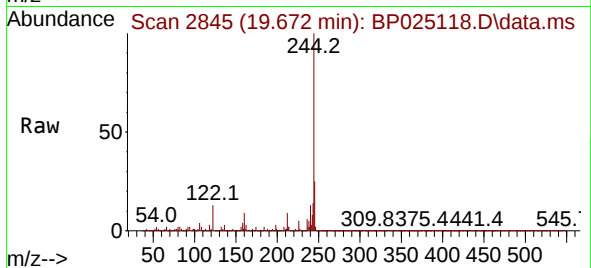
ClientSampleId :

PB168816BL

Tgt Ion:244 Resp:10767580

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.9	8.9
122	12.7	9.4	14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.460 min Scan# 3659

Delta R.T. -0.035 min

Lab File: BP025118.D

Acq: 14 Jul 2025 13:31

Tgt Ion:264 Resp: 2666838

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	21.7	17.7	26.5

