

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
 Data File : BP025099.D
 Acq On : 11 Jul 2025 11:08
 Operator : CG/JU
 Sample : PB168787BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168787BL

Quant Time: Jul 11 11:32:47 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	435629	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1705703	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1062765	20.000	ng	0.00
64) Phenanthrene-d10	16.901	188	2270224	20.000	ng	0.00
76) Chrysene-d12	21.336	240	2488979	20.000	ng	0.00
86) Perylene-d12	24.460	264	2769160	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	3306419	134.483	ng	0.00
7) Phenol-d6	6.631	99	4036639	125.813	ng	0.00
23) Nitrobenzene-d5	8.566	82	2378393	92.733	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	1944232	154.860	ng	-0.01
45) 2-Fluorobiphenyl	12.690	172	6216273	90.613	ng	0.00
79) Terphenyl-d14	19.677	244	10392323	91.765	ng	0.00

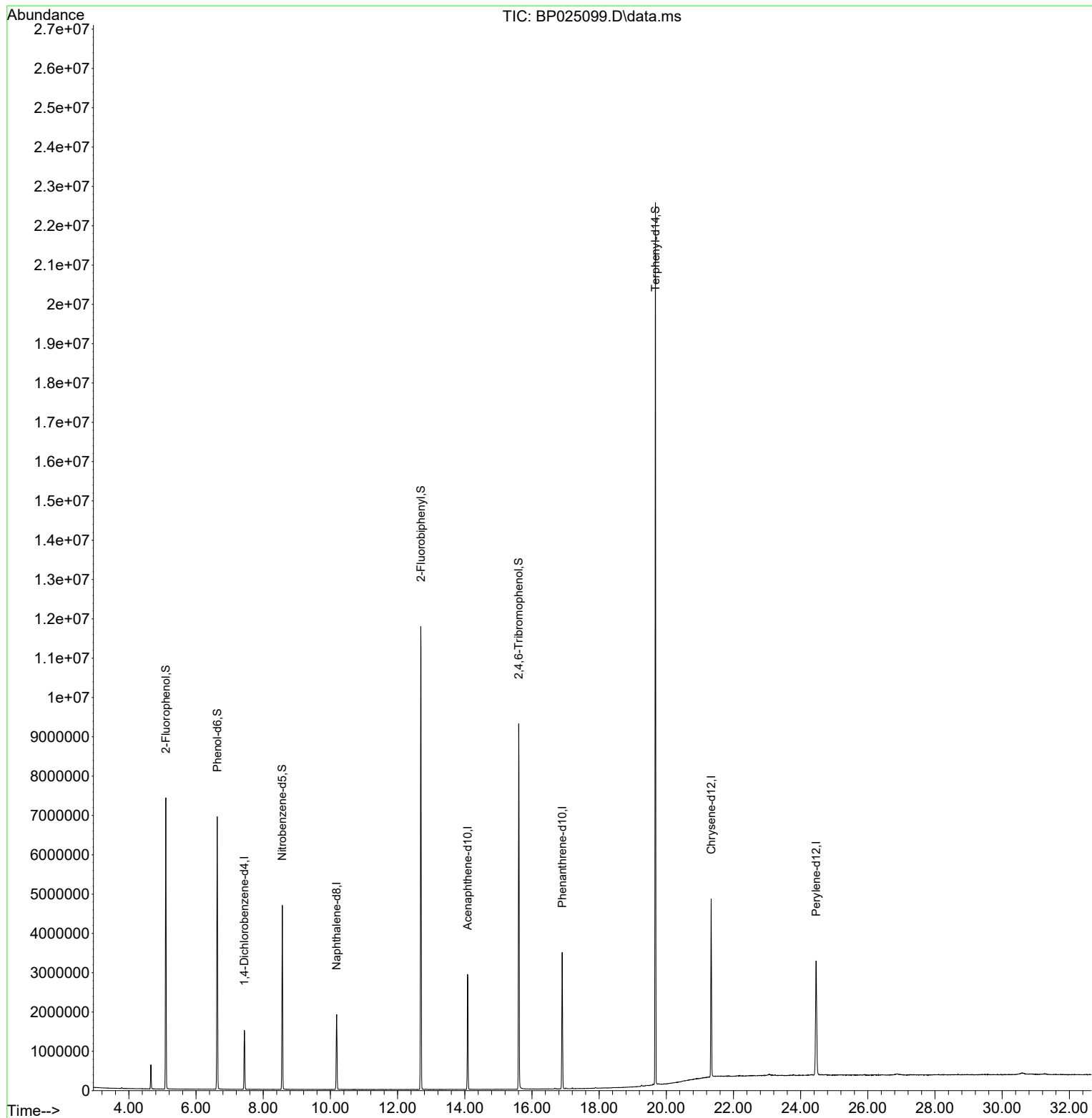
Target Compounds	Qvalue

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

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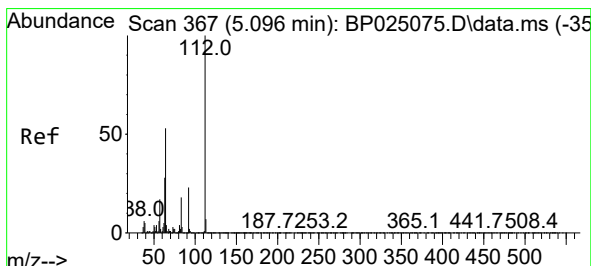
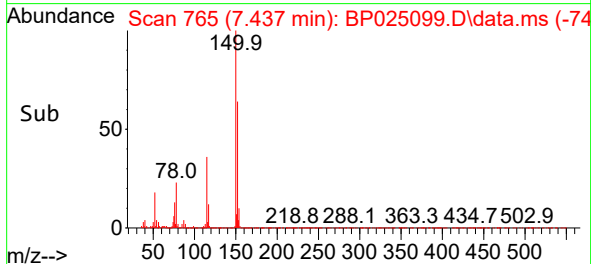
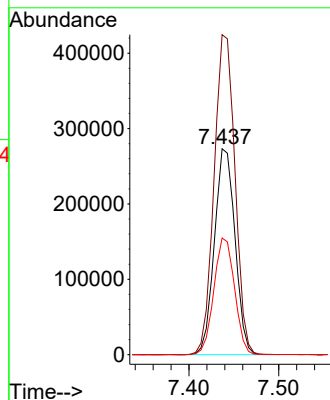
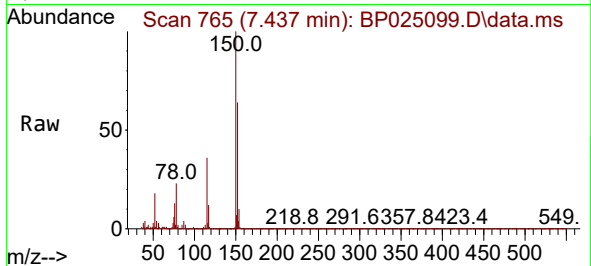




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 70
Delta R.T. -0.006 min
Lab File: BP025099.D
Acq: 11 Jul 2025 11:08

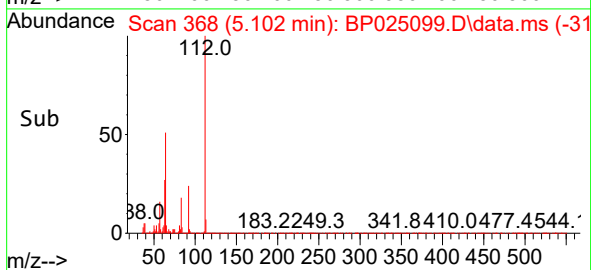
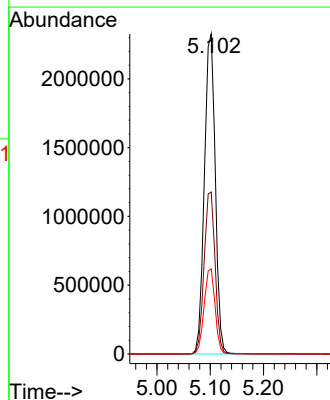
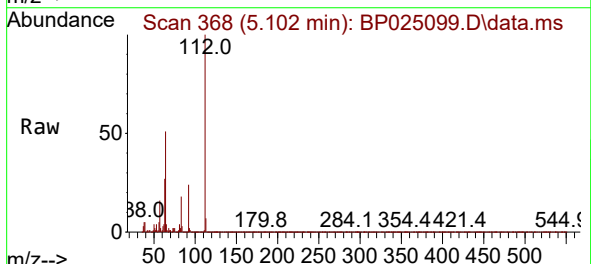
Instrument :
BNA_P
ClientSampleId :
PB168787BL

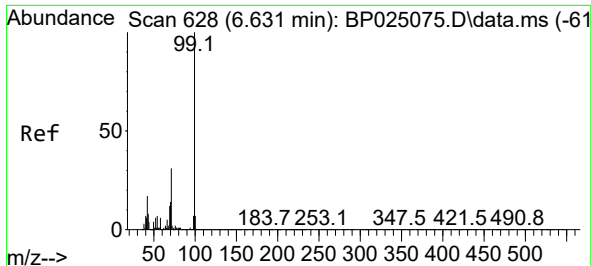
Tgt Ion:152 Resp: 435629
Ion Ratio Lower Upper
152 100
150 155.4 126.1 189.1
115 56.7 44.3 66.5



#5
2-Fluorophenol
Concen: 134.483 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025099.D
Acq: 11 Jul 2025 11:08

Tgt Ion:112 Resp: 3306419
Ion Ratio Lower Upper
112 100
64 50.6 42.0 63.0
63 26.6 22.2 33.2



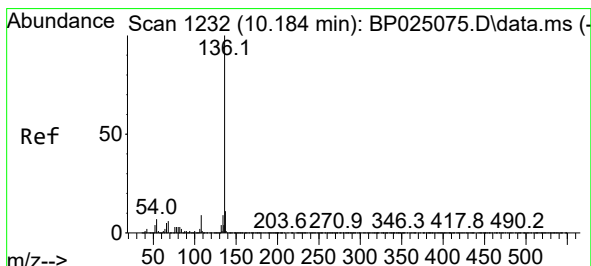
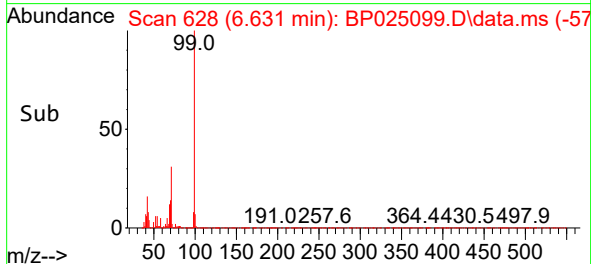
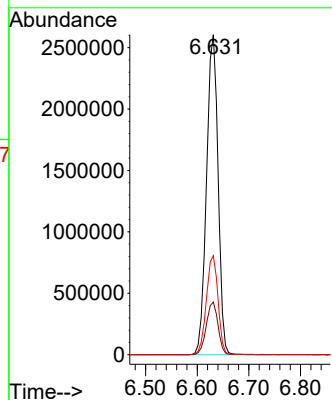
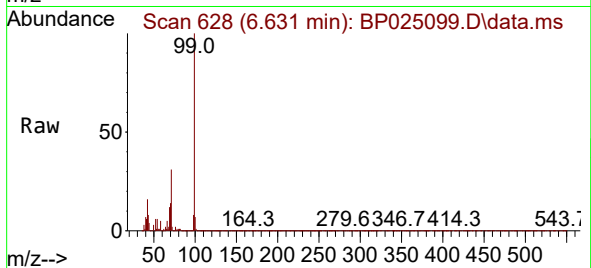


#7
Phenol-d6
Concen: 125.813 ng
RT: 6.631 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025099.D
Acq: 11 Jul 2025 11:08

Instrument :
BNA_P
ClientSampleId :
PB168787BL

Tgt Ion: 99 Resp: 4036639

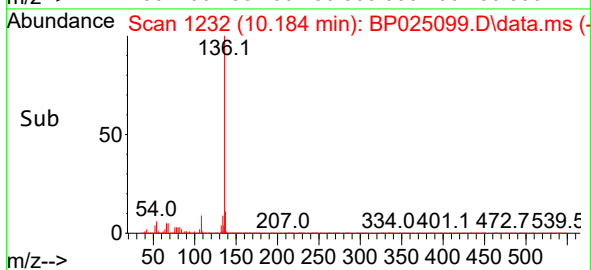
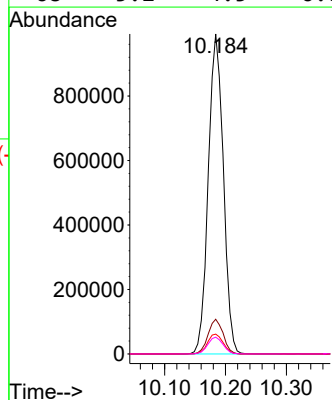
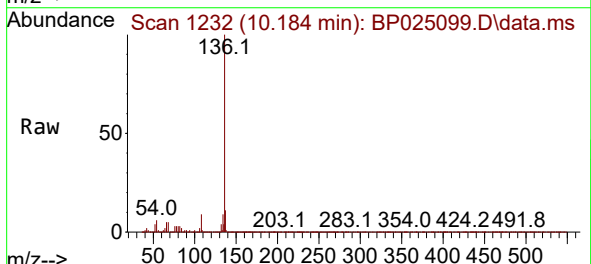
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.6	20.4
71	31.0	24.4	36.6

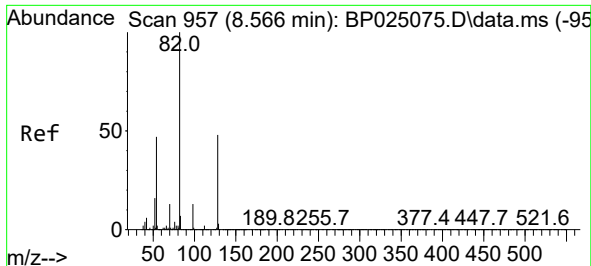


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BP025099.D
Acq: 11 Jul 2025 11:08

Tgt Ion: 136 Resp: 1705703

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.2	5.4	8.2
68	5.2	4.5	6.7

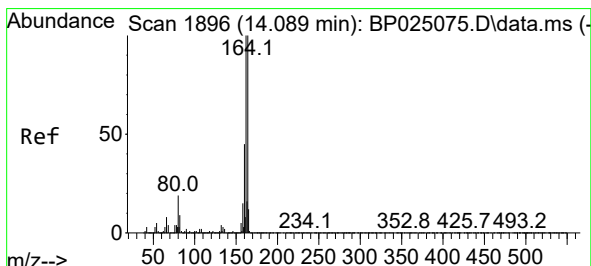
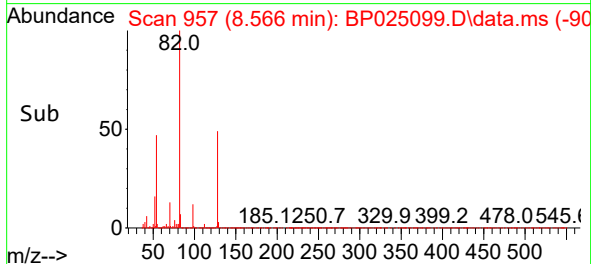
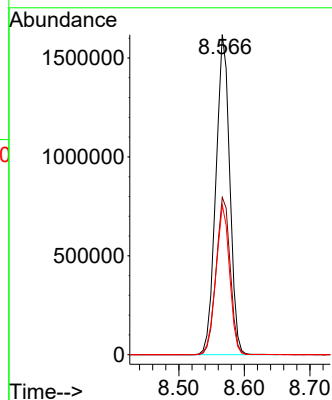
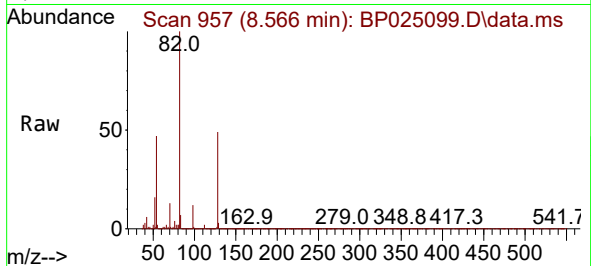




#23
Nitrobenzene-d5
Concen: 92.733 ng
RT: 8.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP025099.D
Acq: 11 Jul 2025 11:08

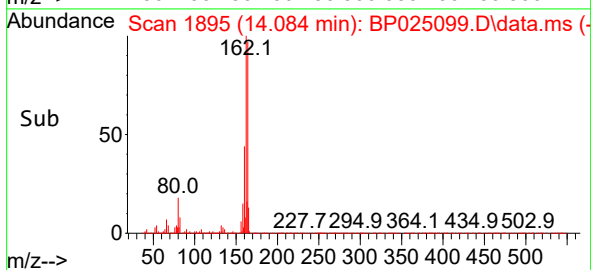
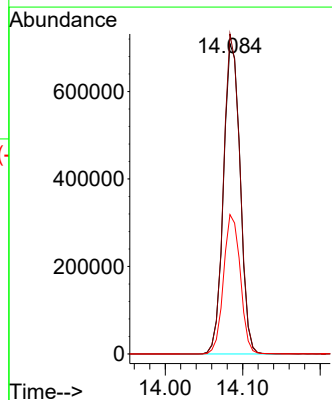
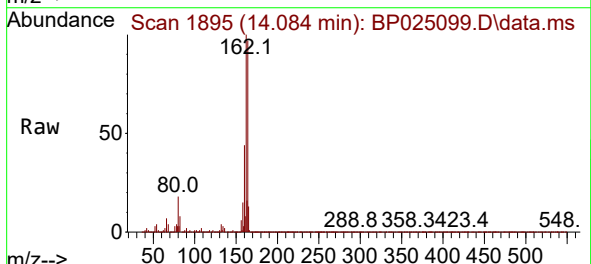
Instrument :
BNA_P
ClientSampleId :
PB168787BL

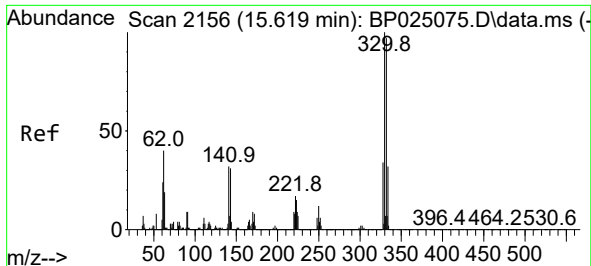
Tgt Ion: 82 Resp: 2378393
Ion Ratio Lower Upper
82 100
128 49.2 38.4 57.6
54 46.8 37.8 56.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1895
Delta R.T. -0.005 min
Lab File: BP025099.D
Acq: 11 Jul 2025 11:08

Tgt Ion:164 Resp: 1062765
Ion Ratio Lower Upper
164 100
162 103.1 80.3 120.5
160 44.9 35.9 53.9

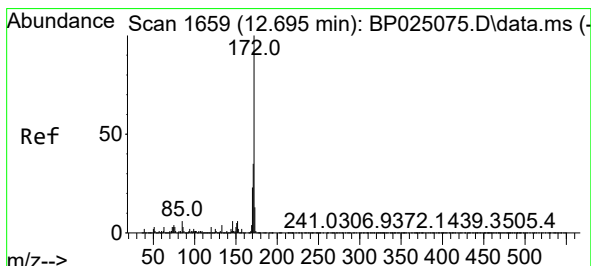
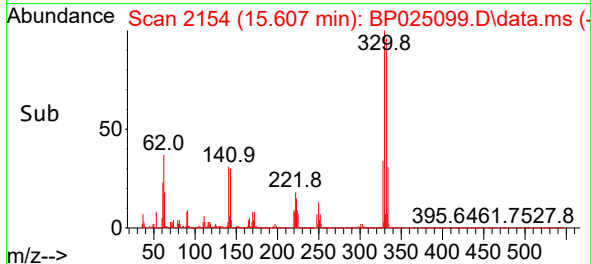
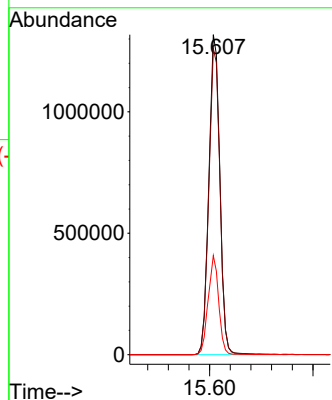
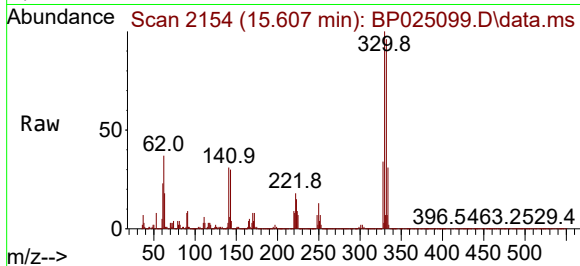




#42
2,4,6-Tribromophenol
Concen: 154.860 ng
RT: 15.607 min Scan# 2156
Delta R.T. -0.012 min
Lab File: BP025099.D
Acq: 11 Jul 2025 11:08

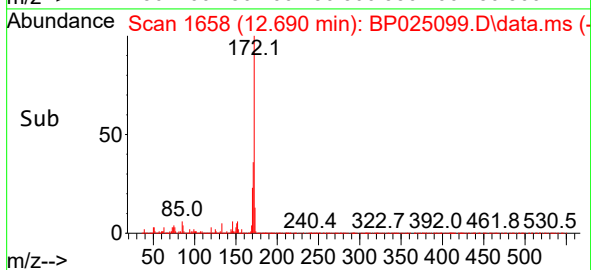
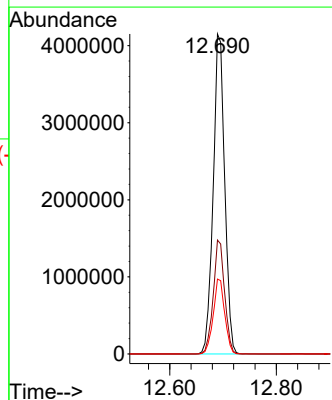
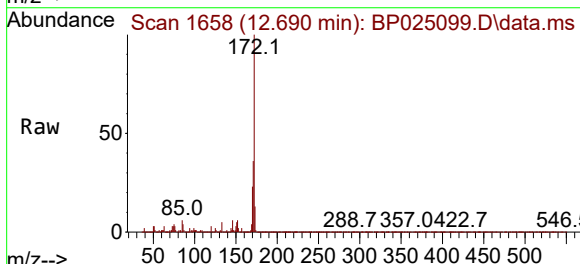
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PB168787BL

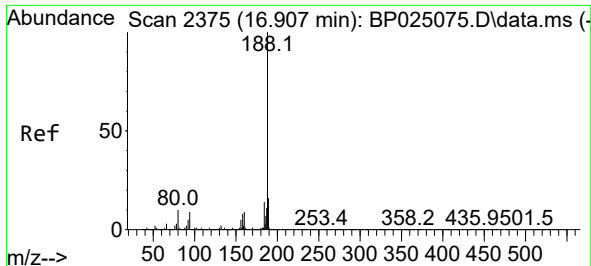
Tgt Ion:330 Resp: 1944232
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 29.6 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 90.613 ng
RT: 12.690 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP025099.D
Acq: 11 Jul 2025 11:08

Tgt Ion:172 Resp: 6216273
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.4 18.7 28.1

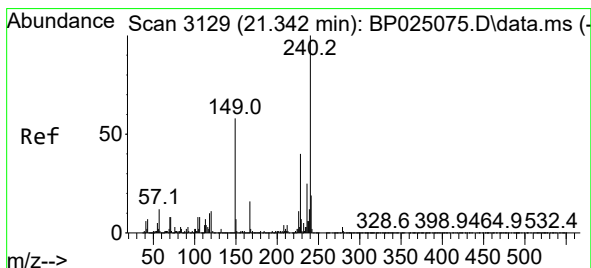
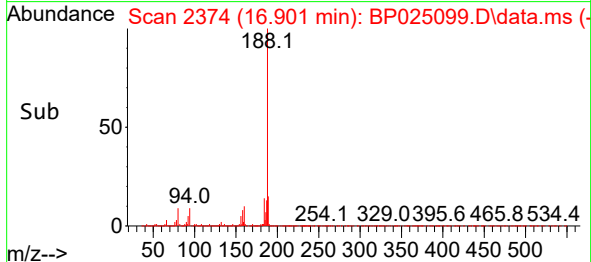
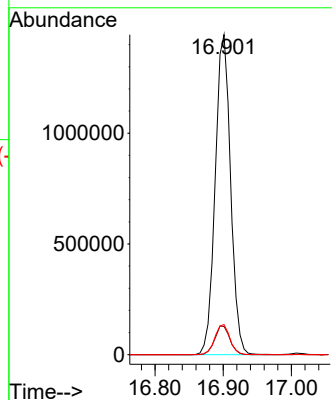
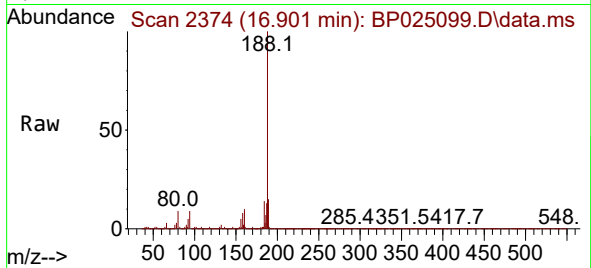




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025099.D
Acq: 11 Jul 2025 11:08

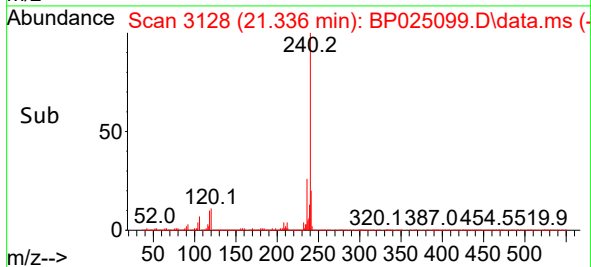
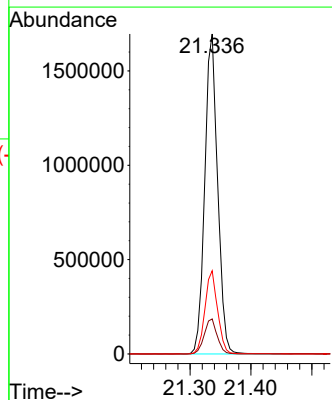
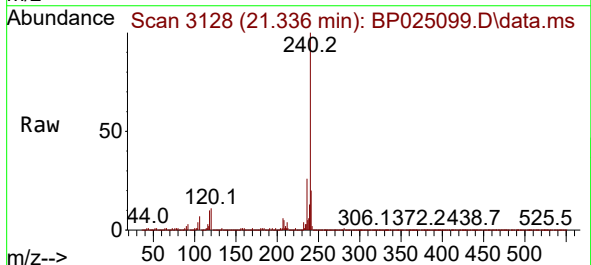
Instrument :
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PB168787BL

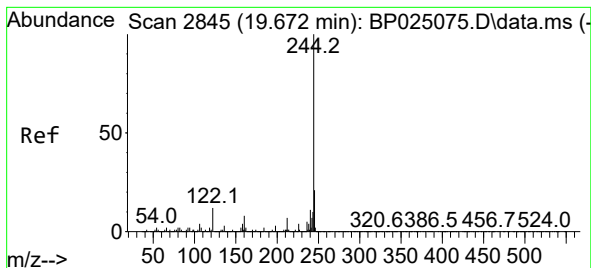
Tgt Ion:188 Resp: 2270224
Ion Ratio Lower Upper
188 100
94 8.8 7.3 10.9
80 9.4 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP025099.D
Acq: 11 Jul 2025 11:08

Tgt Ion:240 Resp: 2488979
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.4
236 26.0 20.3 30.5





#79

Terphenyl-d14

Concen: 91.765 ng

RT: 19.677 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025099.D

Acq: 11 Jul 2025 11:08

Instrument :

BNA_P

ClientSampleId :

PB168787BL

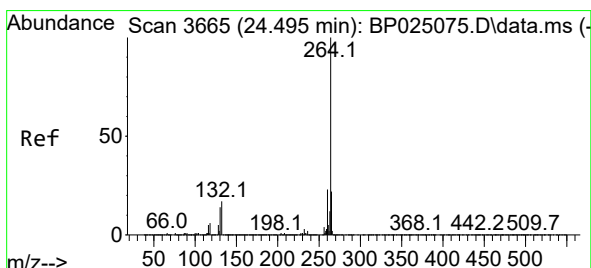
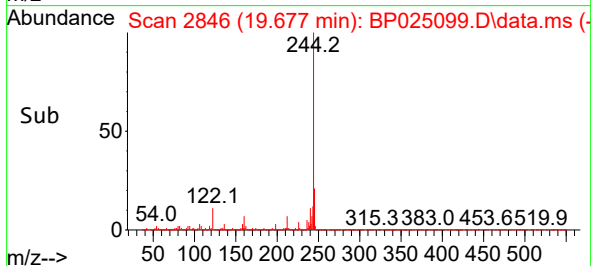
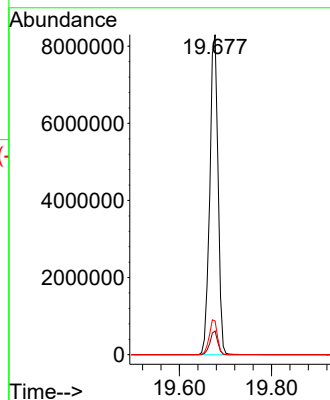
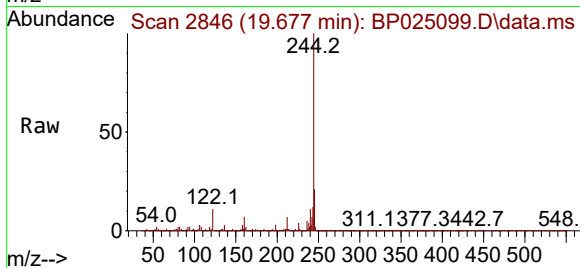
Tgt Ion:244 Resp:10392323

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 10.6 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: BP025099.D

Acq: 11 Jul 2025 11:08

Tgt Ion:264 Resp: 2769160

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 22.1 17.7 26.5

