

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
 Data File : BP025122.D
 Acq On : 14 Jul 2025 16:18
 Operator : CG/JU
 Sample : PB168788TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168788TB

Quant Time: Jul 14 16:42:03 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	548913	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2137039	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	1390757	20.000	ng	-0.01
64) Phenanthrene-d10	16.895	188	3020281	20.000	ng	-0.01
76) Chrysene-d12	21.330	240	3258394	20.000	ng	-0.01
86) Perylene-d12	24.466	264	3458557	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	4365989	140.931	ng	0.00
7) Phenol-d6	6.631	99	5412163	133.872	ng	0.00
23) Nitrobenzene-d5	8.566	82	3172171	98.718	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	2779928	169.204	ng	0.00
45) 2-Fluorobiphenyl	12.684	172	8383588	93.385	ng	-0.01
79) Terphenyl-d14	19.672	244	13183492	88.923	ng	0.00

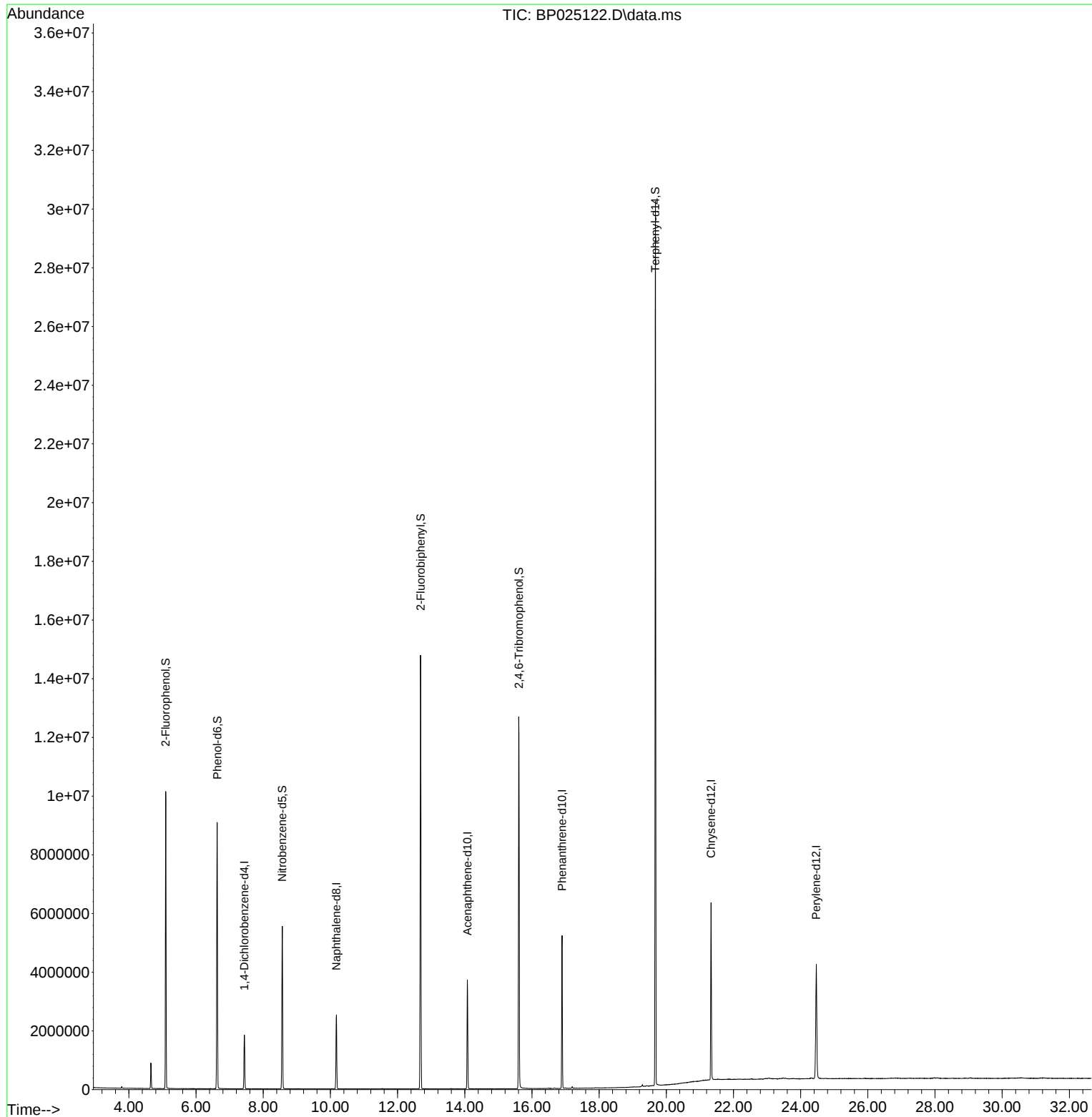
Target Compounds	Qvalue

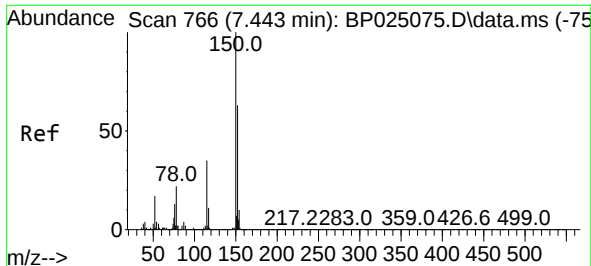
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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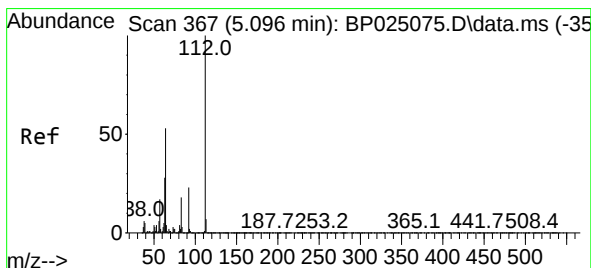
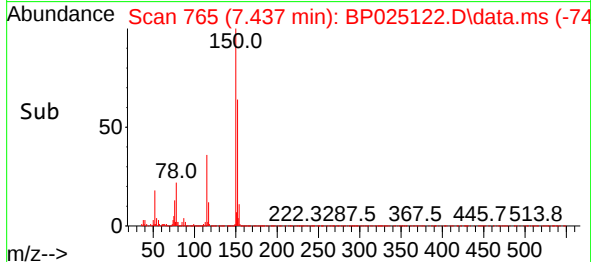
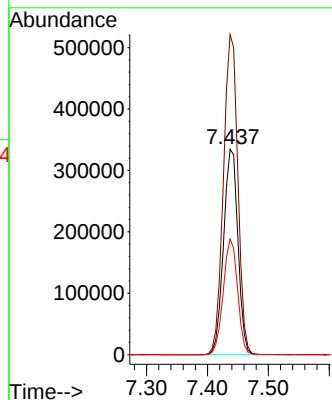
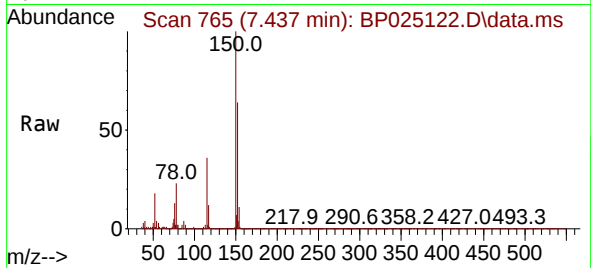


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.437 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BP025122.D
 Acq: 14 Jul 2025 16:18

Instrument :
 BNA_P
 ClientSampleId :
 PB168788TB

Tgt Ion:152 Resp: 548913

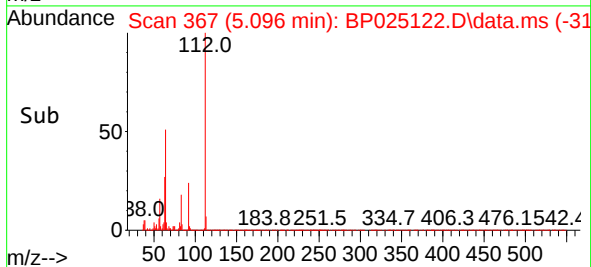
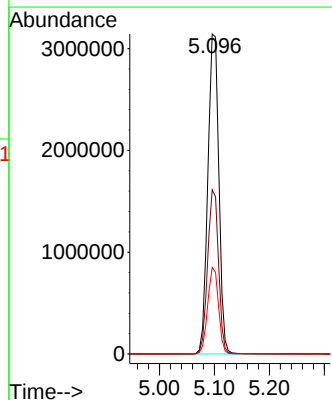
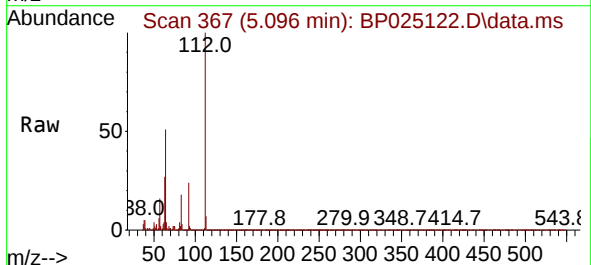
Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.1	189.1
115	56.3	44.3	66.5

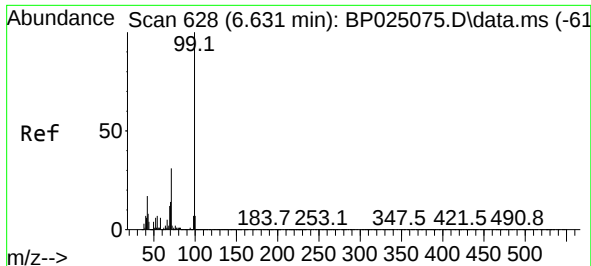


#5
 2-Fluorophenol
 Concen: 140.931 ng
 RT: 5.096 min Scan# 367
 Delta R.T. 0.000 min
 Lab File: BP025122.D
 Acq: 14 Jul 2025 16:18

Tgt Ion:112 Resp: 4365989

Ion	Ratio	Lower	Upper
112	100		
64	51.3	42.0	63.0
63	27.0	22.2	33.2

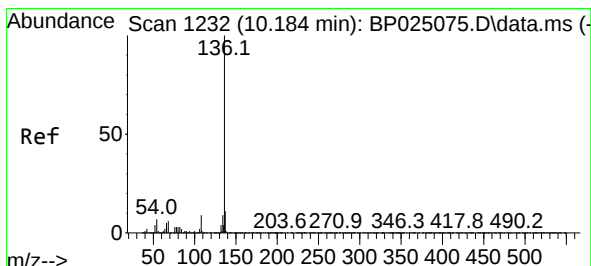
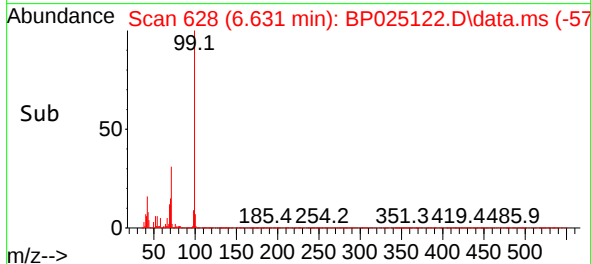
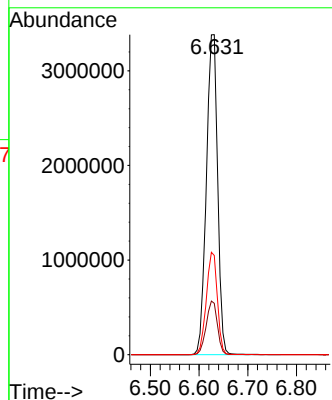
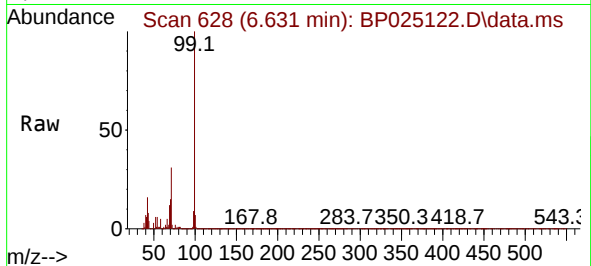




#7
Phenol-d6
Concen: 133.872 ng
RT: 6.631 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025122.D
Acq: 14 Jul 2025 16:18

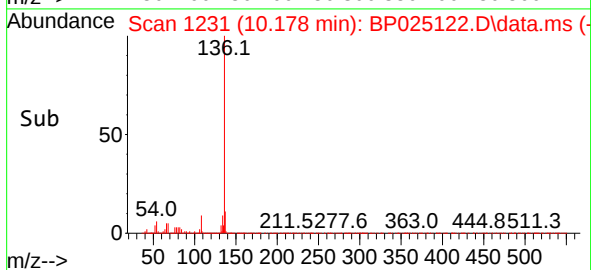
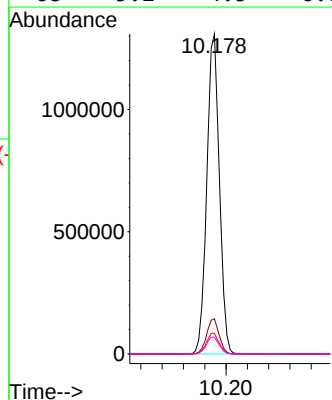
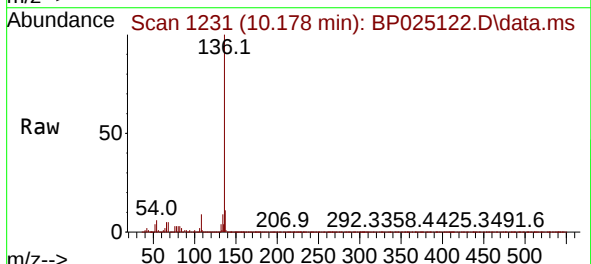
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BNA_P
ClientSampleId :
PB168788TB

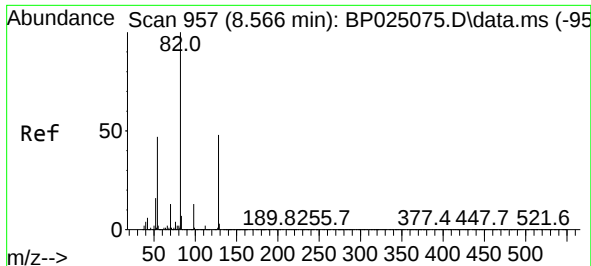
Tgt Ion: 99 Resp: 5412163
Ion Ratio Lower Upper
99 100
42 16.0 13.6 20.4
71 31.0 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BP025122.D
Acq: 14 Jul 2025 16:18

Tgt Ion:136 Resp: 2137039
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.4 5.4 8.2
68 5.2 4.5 6.7

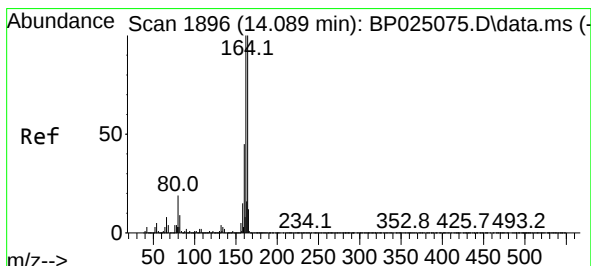
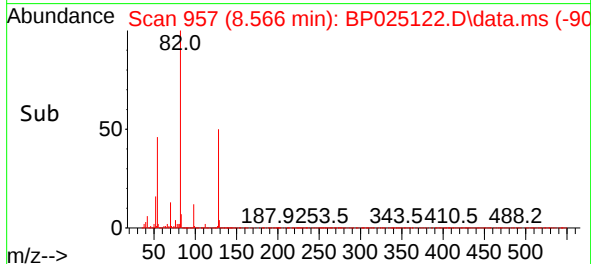
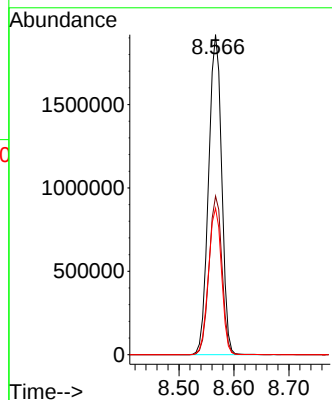
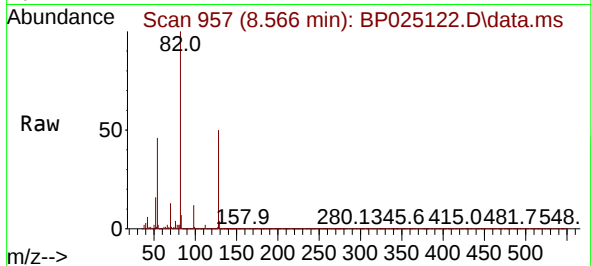




#23
Nitrobenzene-d5
Concen: 98.718 ng
RT: 8.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP025122.D
Acq: 14 Jul 2025 16:18

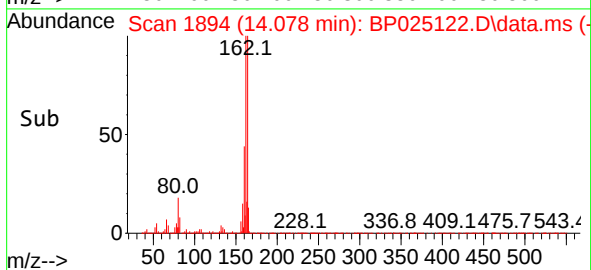
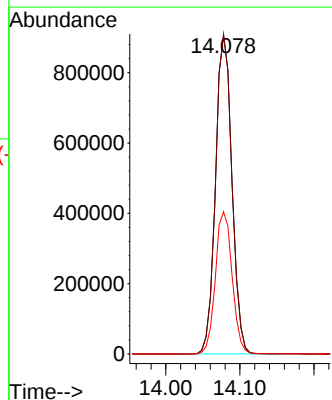
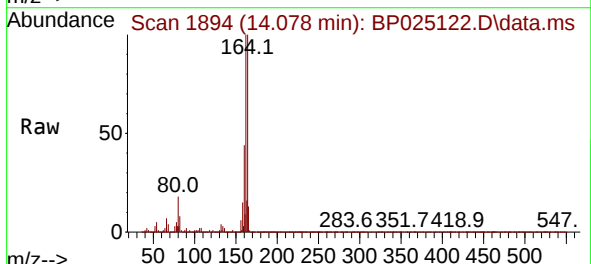
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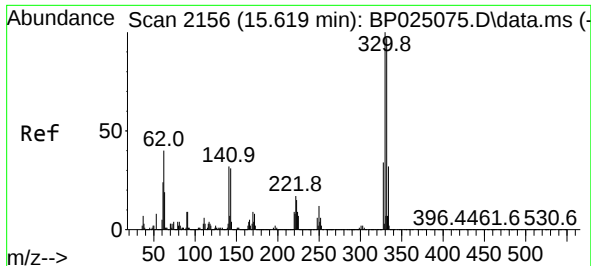
Tgt Ion: 82 Resp: 3172171
Ion Ratio Lower Upper
82 100
128 49.5 38.4 57.6
54 45.7 37.8 56.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. -0.011 min
Lab File: BP025122.D
Acq: 14 Jul 2025 16:18

Tgt Ion:164 Resp: 1390757
Ion Ratio Lower Upper
164 100
162 100.5 80.3 120.5
160 44.7 35.9 53.9

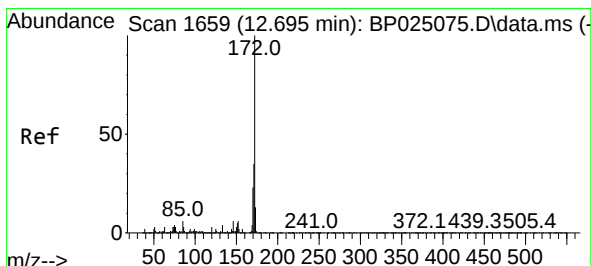
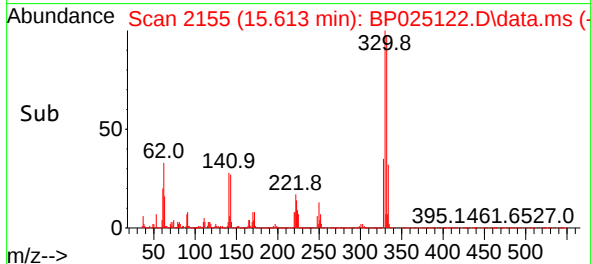
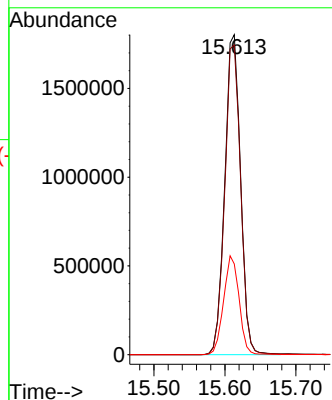
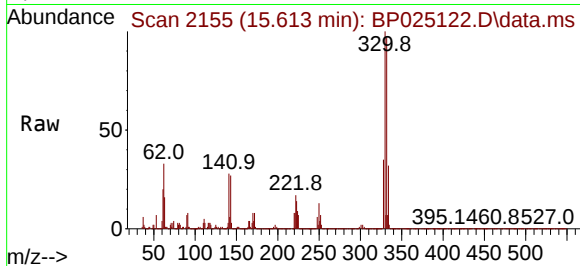




#42
2,4,6-Tribromophenol
Concen: 169.204 ng
RT: 15.613 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BP025122.D
Acq: 14 Jul 2025 16:18

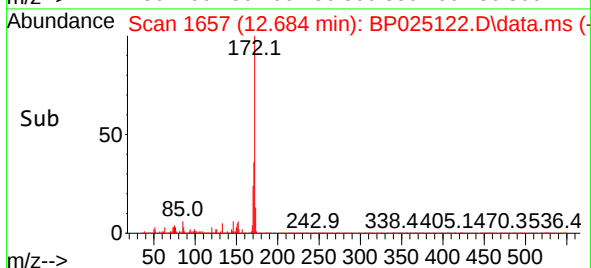
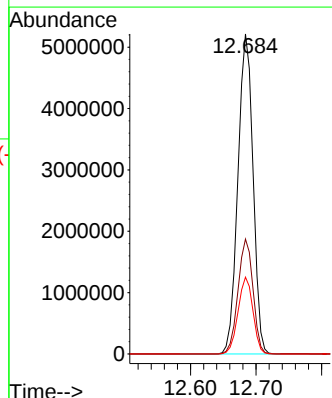
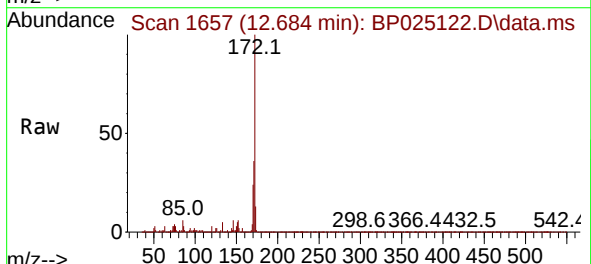
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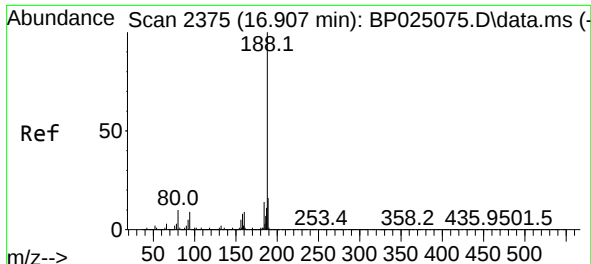
Tgt Ion:330 Resp: 2779928
Ion Ratio Lower Upper
330 100
332 97.5 77.7 116.5
141 30.4 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 93.385 ng
RT: 12.684 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BP025122.D
Acq: 14 Jul 2025 16:18

Tgt Ion:172 Resp: 8383588
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 24.0 18.7 28.1

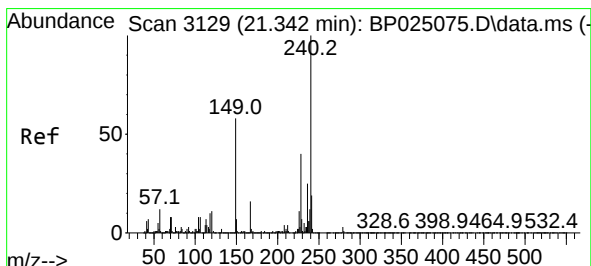
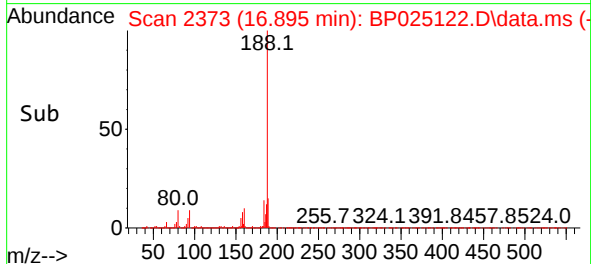
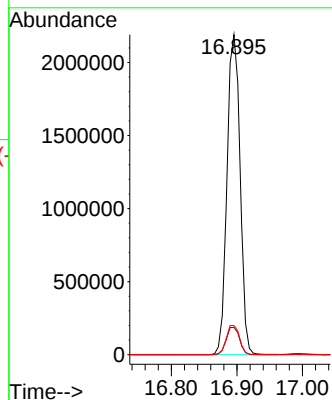
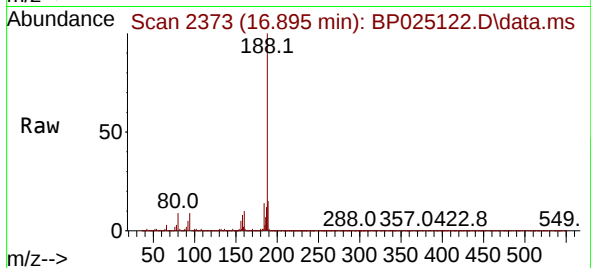




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025122.D
Acq: 14 Jul 2025 16:18

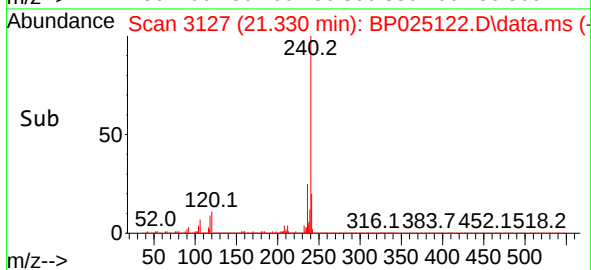
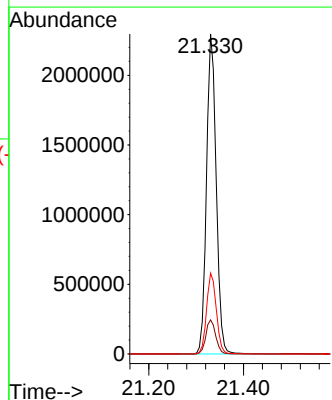
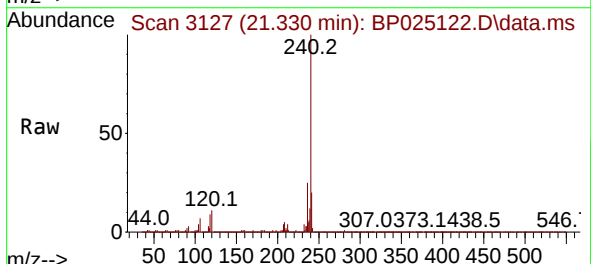
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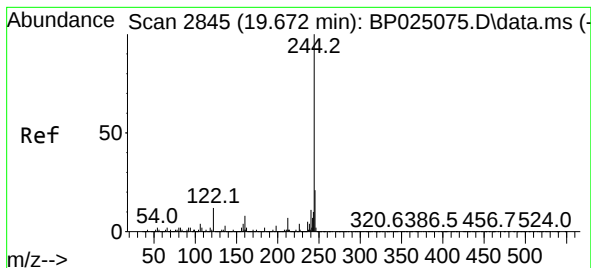
Tgt Ion:188 Resp: 3020281
Ion Ratio Lower Upper
188 100
94 8.5 7.3 10.9
80 9.1 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.330 min Scan# 3127
Delta R.T. -0.012 min
Lab File: BP025122.D
Acq: 14 Jul 2025 16:18

Tgt Ion:240 Resp: 3258394
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.4
236 25.2 20.3 30.5





#79

Terphenyl-d14

Concen: 88.923 ng

RT: 19.672 min Scan# 2

Delta R.T. 0.000 min

Lab File: BP025122.D

Acq: 14 Jul 2025 16:18

Instrument :

BNA_P

ClientSampleId :

PB168788TB

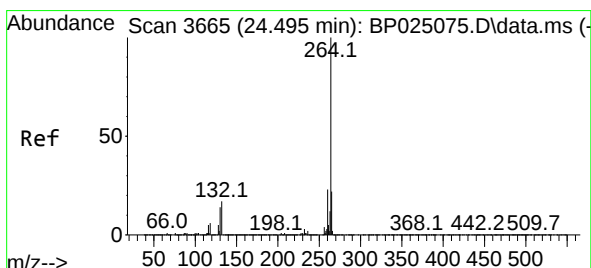
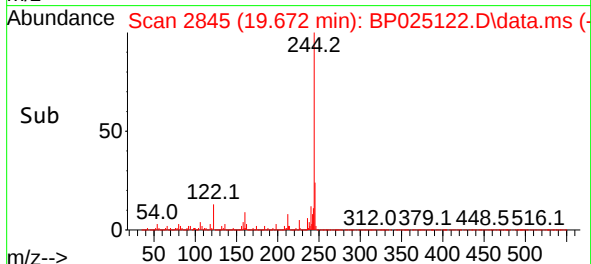
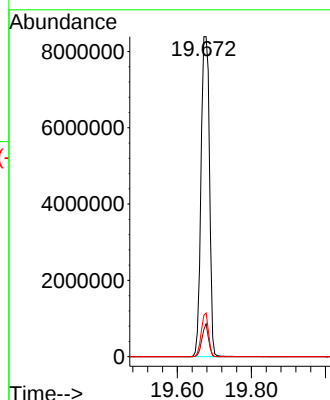
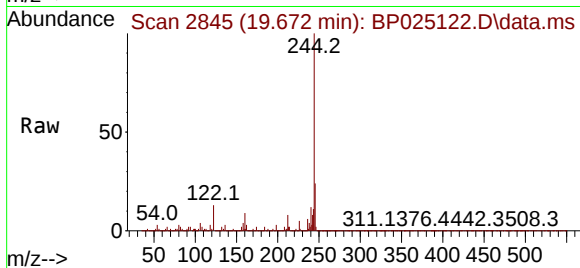
Tgt Ion:244 Resp:13183492

Ion Ratio Lower Upper

244 100

212 8.5 5.9 8.9

122 12.9 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.466 min Scan# 3660

Delta R.T. -0.029 min

Lab File: BP025122.D

Acq: 14 Jul 2025 16:18

Tgt Ion:264 Resp: 3458557

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 22.0 17.7 26.5

