

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
 Data File : BP025136.D
 Acq On : 15 Jul 2025 02:03
 Operator : CG/JU
 Sample : Q2564-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ARS20-0030

Quant Time: Jul 15 03:36:25 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	7.443	152	649306	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	2642984	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1697710	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	3280361	20.000	ng	0.00
76) Chrysene-d12	21.348	240	3105553	20.000	ng	0.00
86) Perylene-d12	24.471	264	3284381	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	596232	16.270	ng	0.00
7) Phenol-d6	6.631	99	778802	16.285	ng	0.00
23) Nitrobenzene-d5	8.566	82	453628	11.415	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	397660	19.828	ng	0.00
45) 2-Fluorobiphenyl	12.690	172	1305906	11.916	ng	0.00
79) Terphenyl-d14	19.666	244	2093349	14.815	ng	0.00

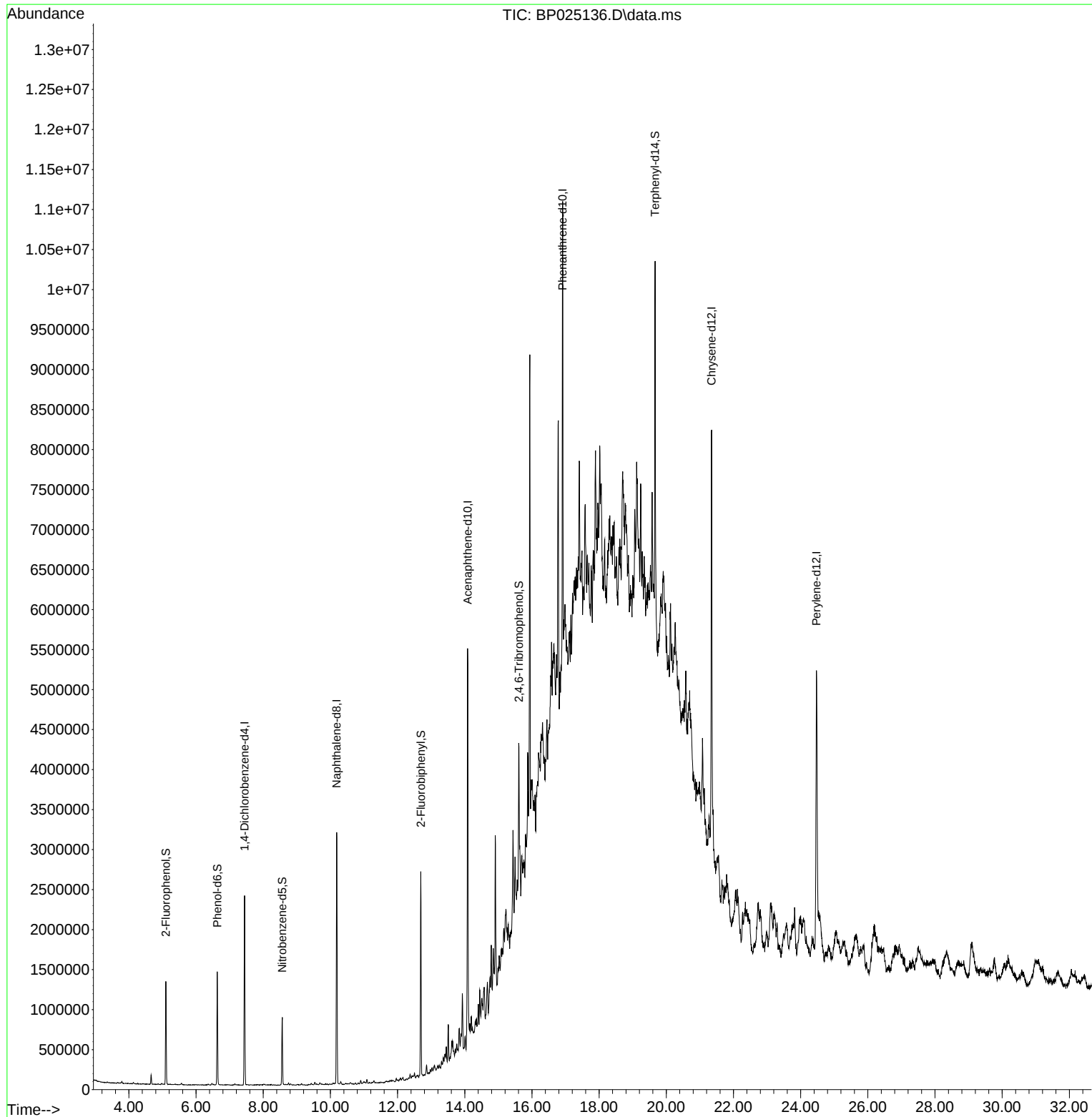
Target Compounds	Qvalue

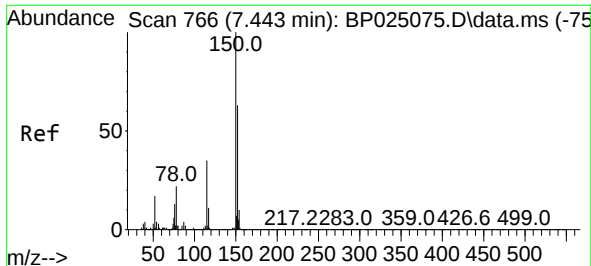
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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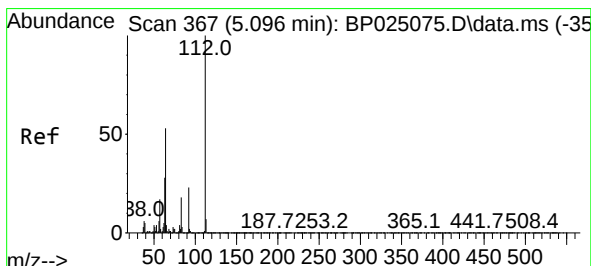
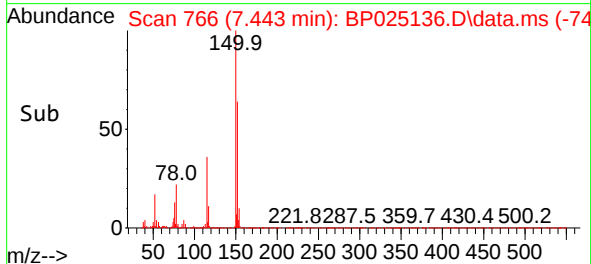
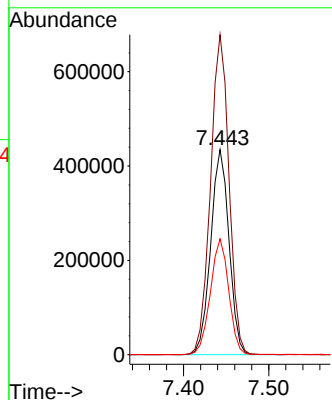
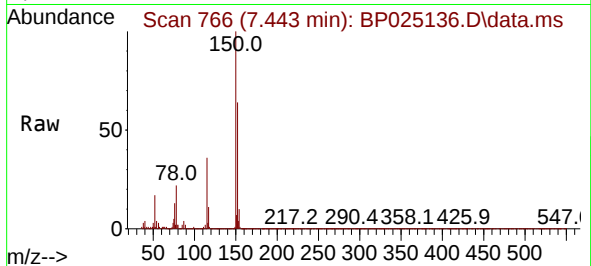




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 70
Delta R.T. -0.000 min
Lab File: BP025136.D
Acq: 15 Jul 2025 02:03

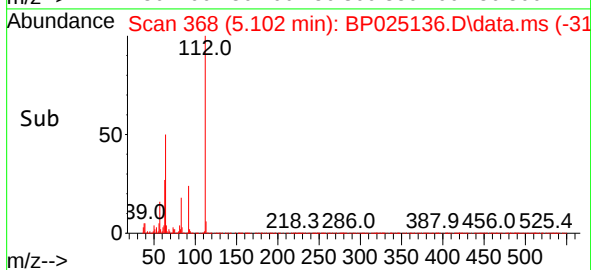
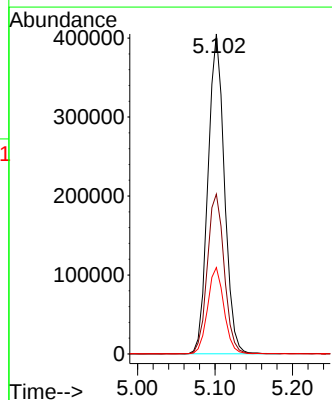
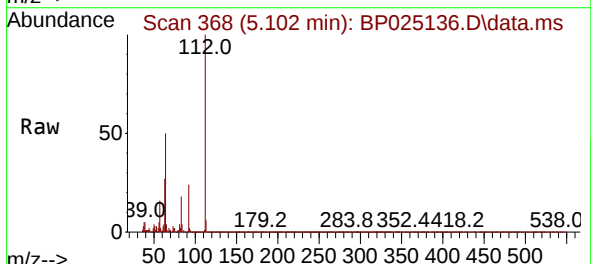
Instrument :
BNA_P
ClientSampleId :
ARS20-0030

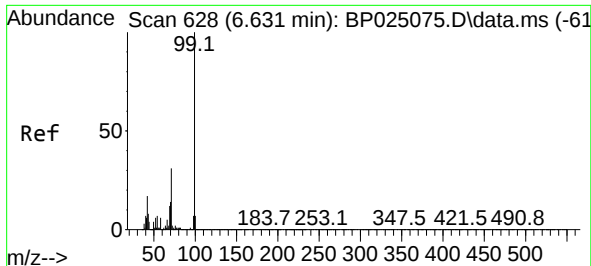
Tgt Ion:152 Resp: 649306
Ion Ratio Lower Upper
152 100
150 156.0 126.1 189.1
115 56.5 44.3 66.5



#5
2-Fluorophenol
Concen: 16.270 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025136.D
Acq: 15 Jul 2025 02:03

Tgt Ion:112 Resp: 596232
Ion Ratio Lower Upper
112 100
64 49.9 42.0 63.0
63 27.0 22.2 33.2

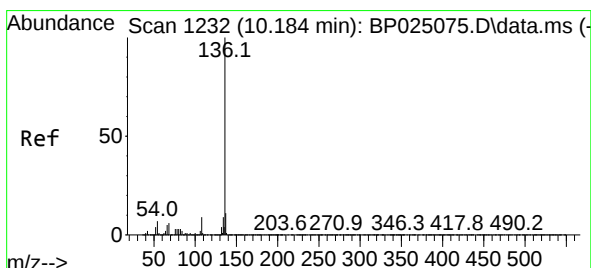
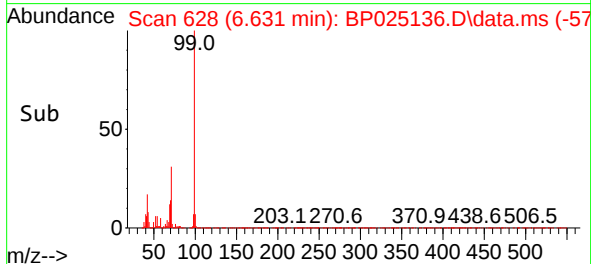
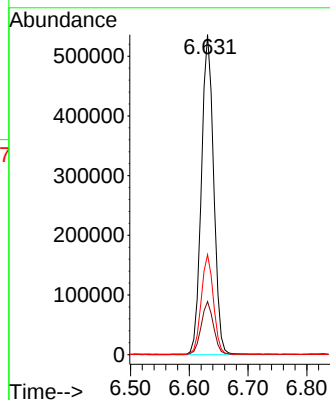
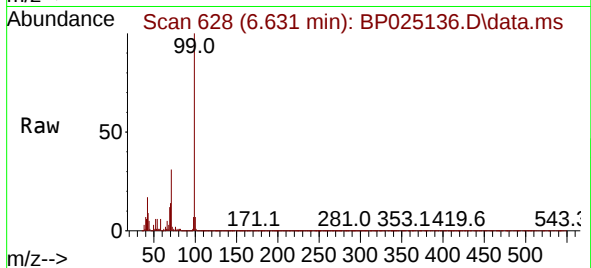




#7
Phenol-d6
Concen: 16.285 ng
RT: 6.631 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025136.D
Acq: 15 Jul 2025 02:03

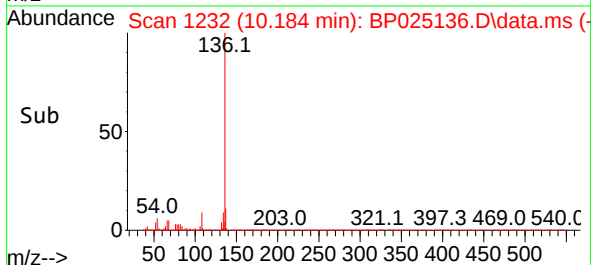
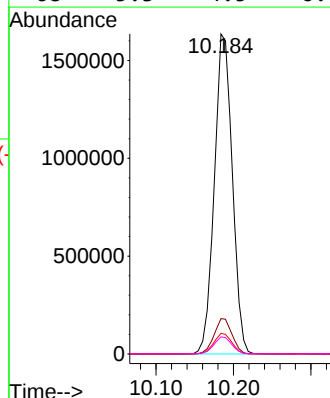
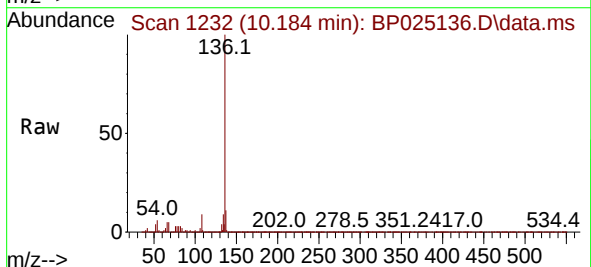
Instrument :
BNA_P
ClientSampleId :
ARS20-0030

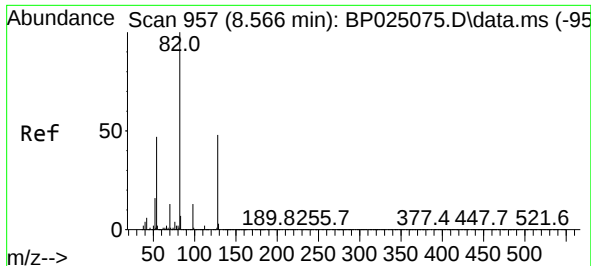
Tgt Ion:	99	Resp:	778802
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.6	20.4
71	31.3	24.4	36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BP025136.D
Acq: 15 Jul 2025 02:03

Tgt Ion:	136	Resp:	2642984
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.5	5.4	8.2
68	5.3	4.5	6.7

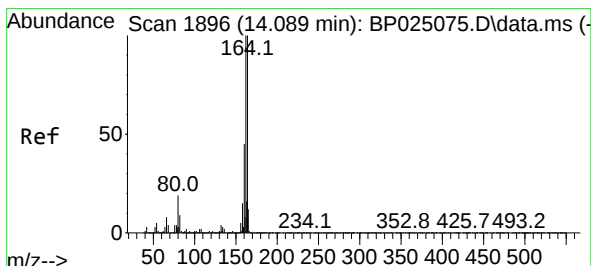
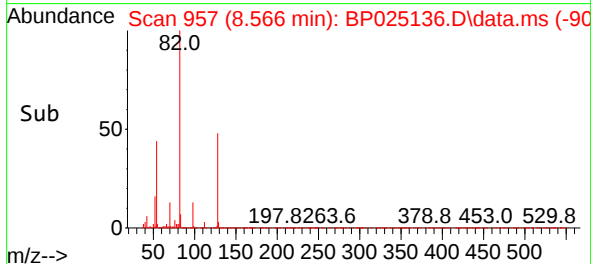
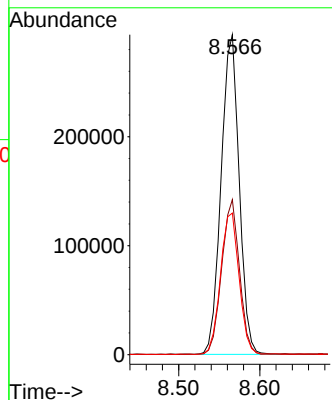
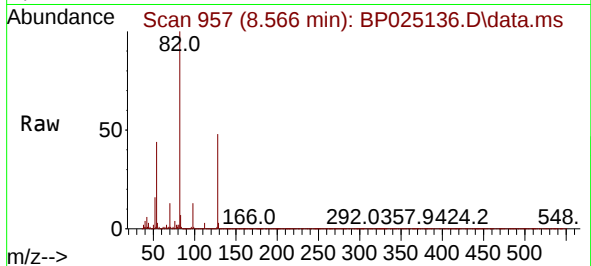




#23
Nitrobenzene-d5
Concen: 11.415 ng
RT: 8.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP025136.D
Acq: 15 Jul 2025 02:03

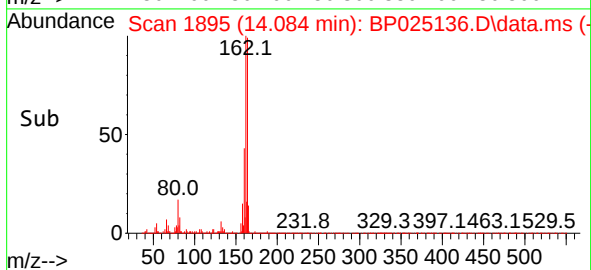
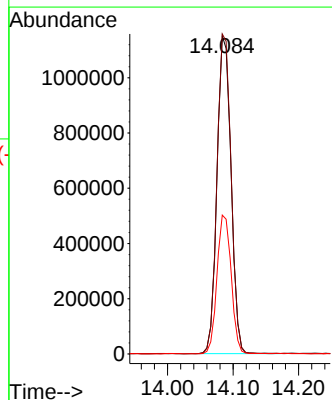
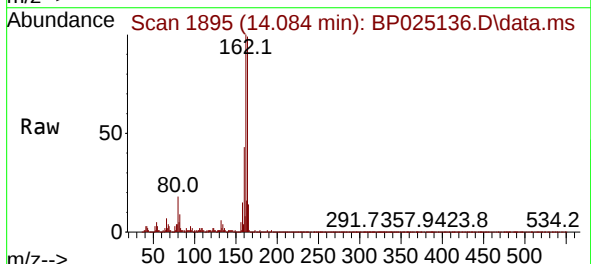
Instrument :
BNA_P
ClientSampleId :
ARS20-0030

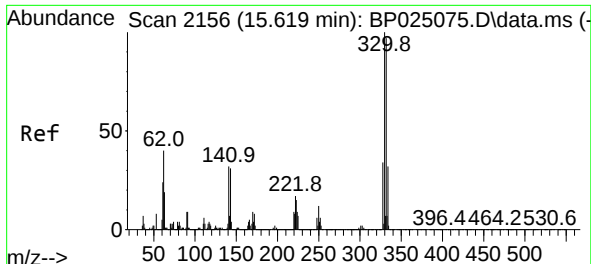
Tgt Ion: 82 Resp: 453628
Ion Ratio Lower Upper
82 100
128 48.5 38.4 57.6
54 44.2 37.8 56.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1895
Delta R.T. -0.005 min
Lab File: BP025136.D
Acq: 15 Jul 2025 02:03

Tgt Ion:164 Resp: 1697710
Ion Ratio Lower Upper
164 100
162 100.6 80.3 120.5
160 43.7 35.9 53.9

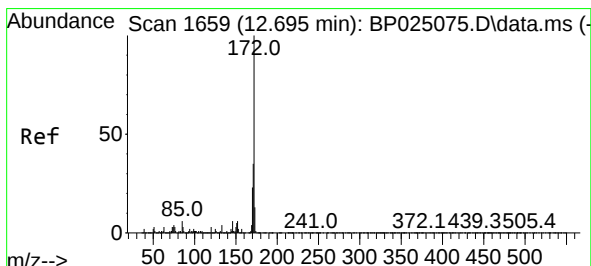
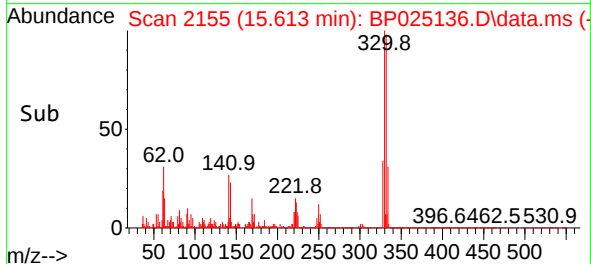
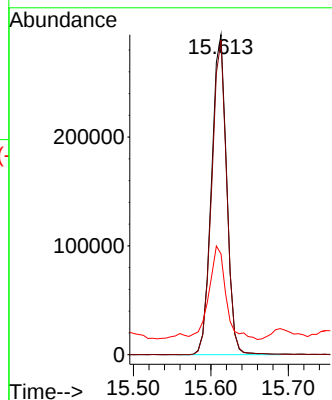
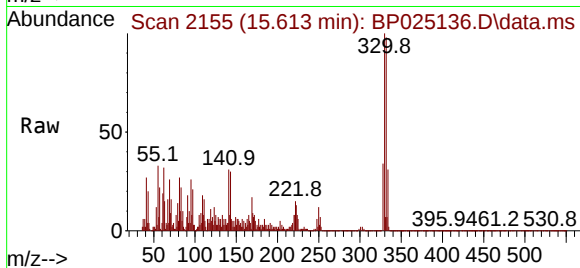




#42
2,4,6-Tribromophenol
Concen: 19.828 ng
RT: 15.613 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BP025136.D
Acq: 15 Jul 2025 02:03

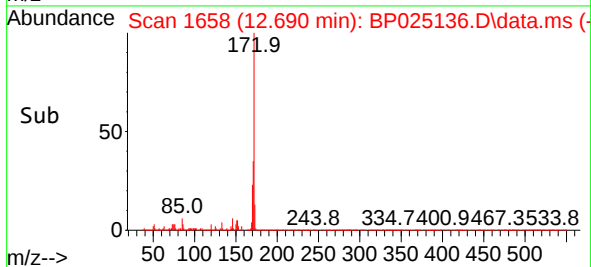
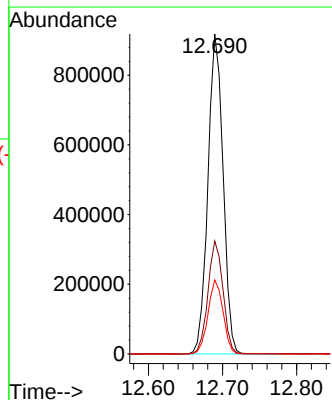
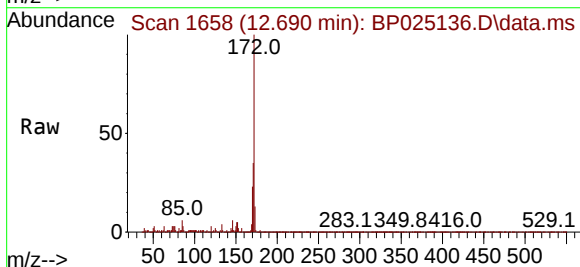
Instrument :
BNA_P
ClientSampleId :
ARS20-0030

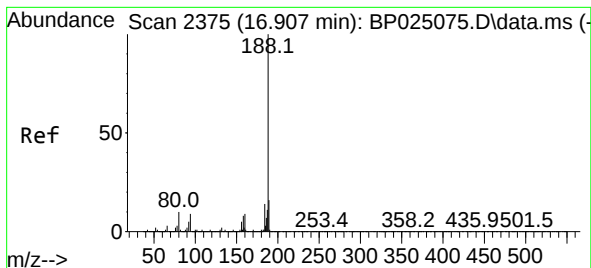
Tgt Ion: 330 Resp: 397660
Ion Ratio Lower Upper
330 100
332 97.2 77.7 116.5
141 32.7 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 11.916 ng
RT: 12.690 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP025136.D
Acq: 15 Jul 2025 02:03

Tgt Ion: 172 Resp: 1305906
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.1 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.913 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025136.D

Acq: 15 Jul 2025 02:03

Instrument :

BNA_P

ClientSampleId :

ARS20-0030

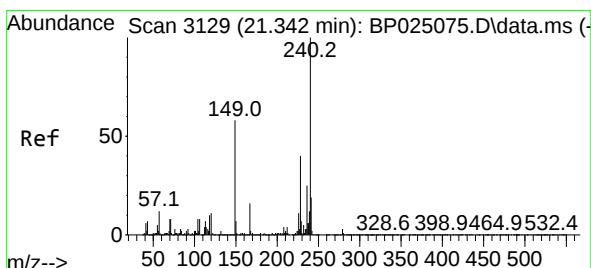
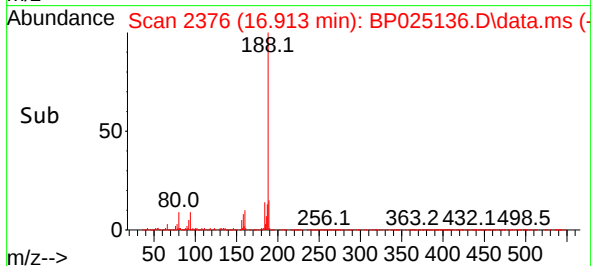
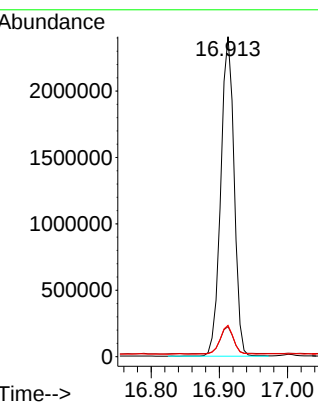
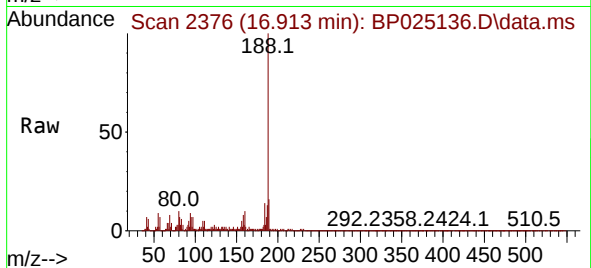
Tgt Ion:188 Resp: 3280361

Ion Ratio Lower Upper

188 100

94 9.4 7.3 10.9

80 9.8 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.348 min Scan# 3130

Delta R.T. 0.006 min

Lab File: BP025136.D

Acq: 15 Jul 2025 02:03

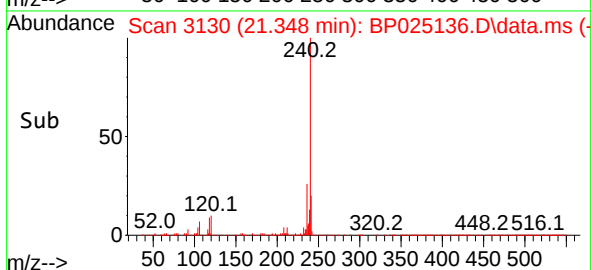
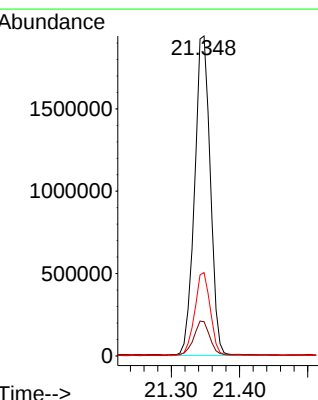
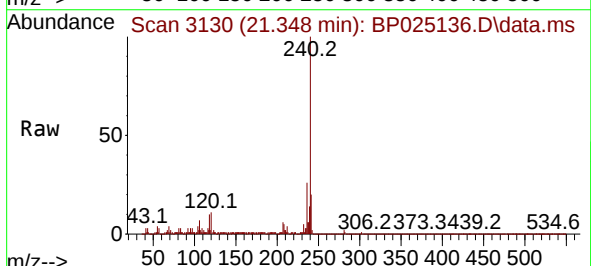
Tgt Ion:240 Resp: 3105553

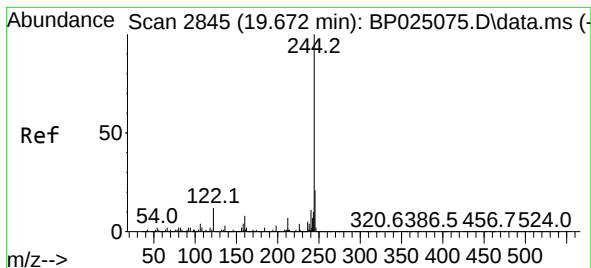
Ion Ratio Lower Upper

240 100

120 10.7 9.0 13.4

236 26.0 20.3 30.5





#79

Terphenyl-d14

Concen: 14.815 ng

RT: 19.666 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025136.D

Acq: 15 Jul 2025 02:03

Instrument :

BNA_P

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ARS20-0030

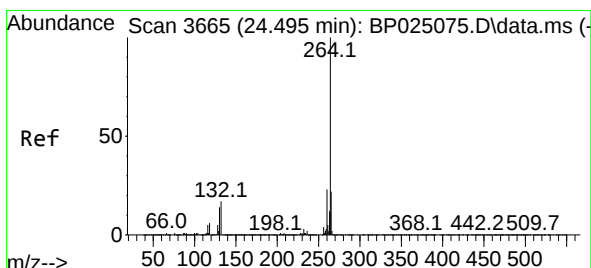
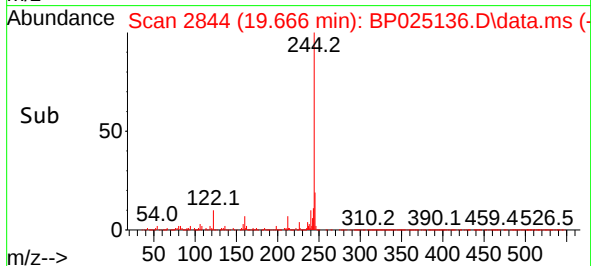
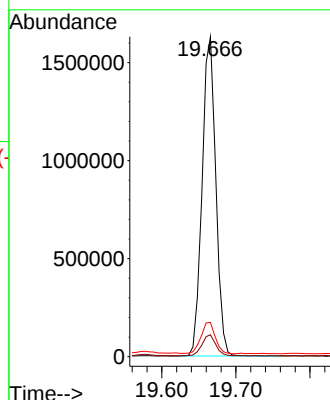
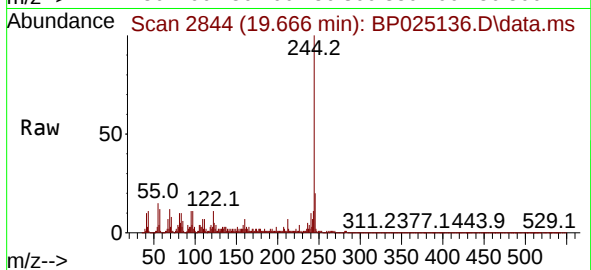
Tgt Ion:244 Resp: 2093349

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 10.7 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.471 min Scan# 3661

Delta R.T. -0.024 min

Lab File: BP025136.D

Acq: 15 Jul 2025 02:03

Tgt Ion:264 Resp: 3284381

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.9 17.7 26.5

