

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112125\
 Data File : BP026180.D
 Acq On : 21 Nov 2025 11:09
 Operator : RC/JU
 Sample : PB170631BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170631BL

Quant Time: Nov 21 11:28:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	437259	20.000	ng	0.00
21) Naphthalene-d8	10.437	136	1616208	20.000	ng	-0.01
39) Acenaphthene-d10	14.301	164	942355	20.000	ng	-0.02
64) Phenanthrene-d10	17.119	188	1760381	20.000	ng	-0.01
76) Chrysene-d12	21.566	240	1729670	20.000	ng	0.00
86) Perylene-d12	24.895	264	1859776	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	3127325	114.797	ng	0.01
7) Phenol-d6	6.849	99	3723819	107.373	ng	0.00
23) Nitrobenzene-d5	8.802	82	2256030	79.289	ng	-0.01
42) 2,4,6-Tribromophenol	15.825	330	1351853	110.584	ng	-0.01
45) 2-Fluorobiphenyl	12.907	172	5118062	79.598	ng	-0.02
79) Terphenyl-d14	19.860	244	6932962	81.730	ng	-0.01

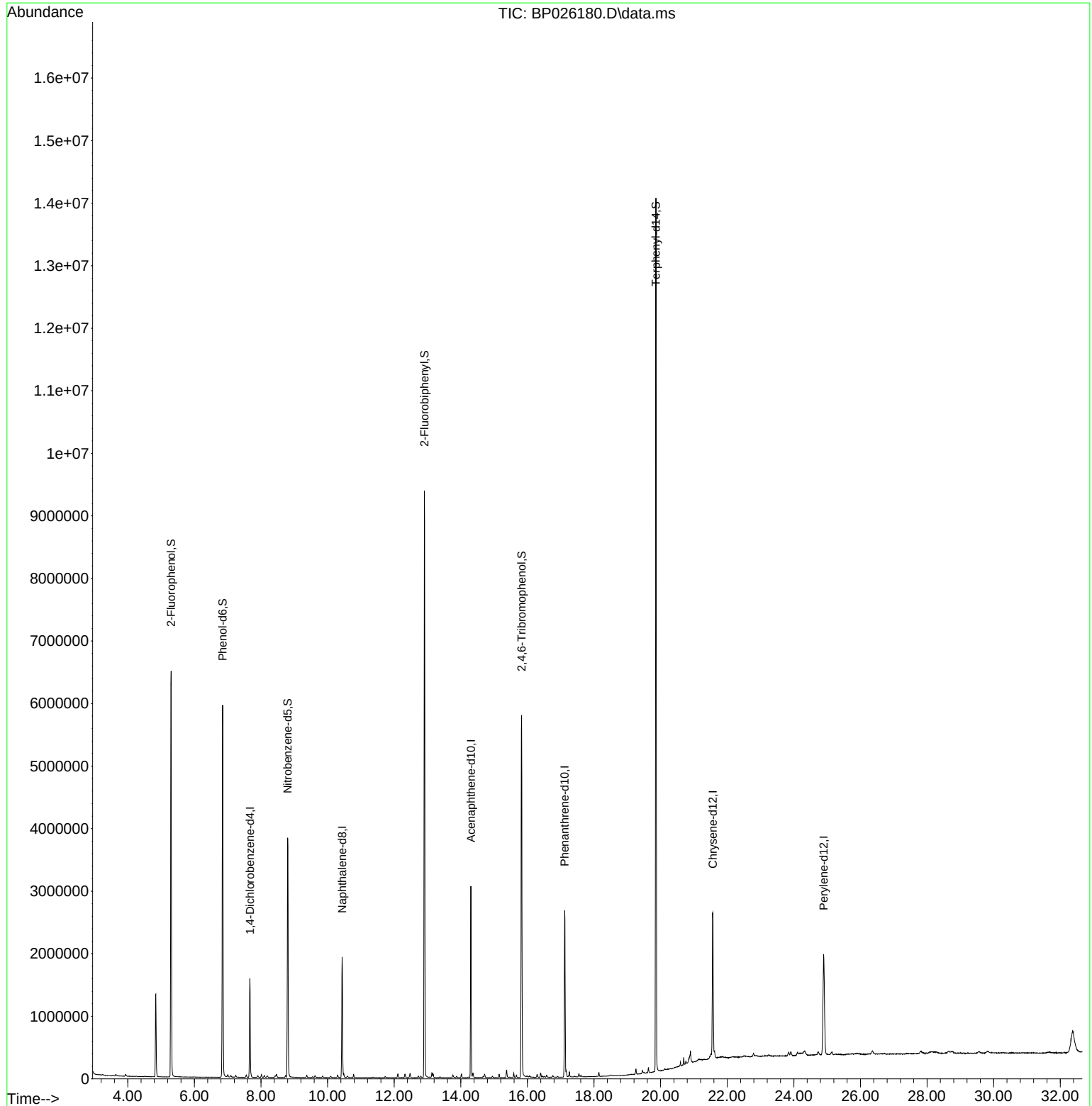
Target Compounds	Qvalue

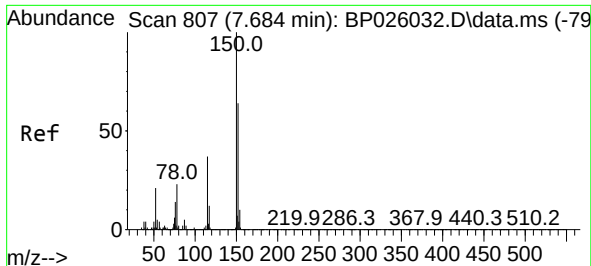
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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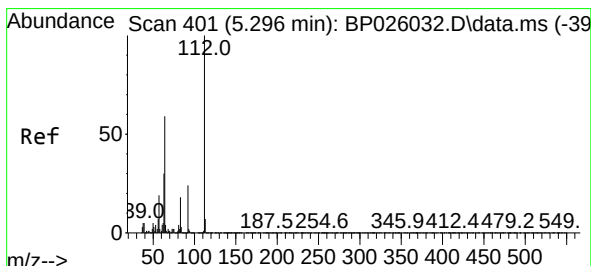
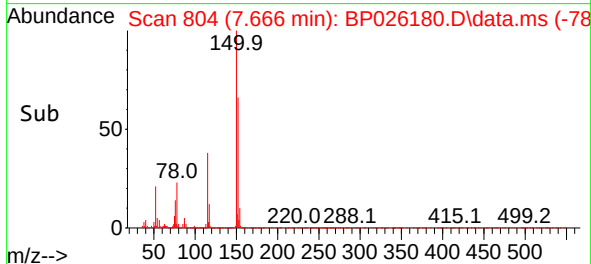
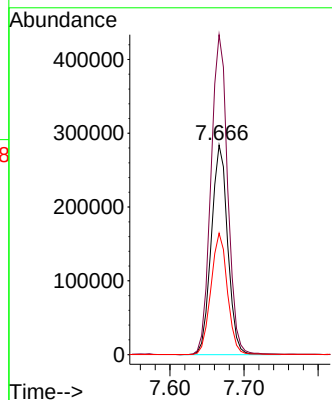
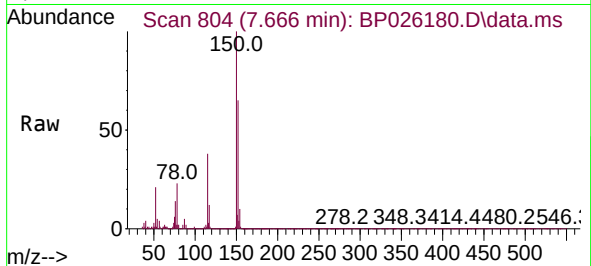




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.666 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026180.D
Acq: 21 Nov 2025 11:09

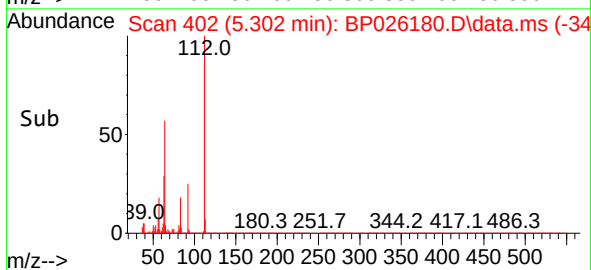
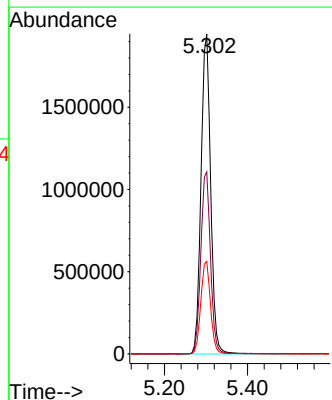
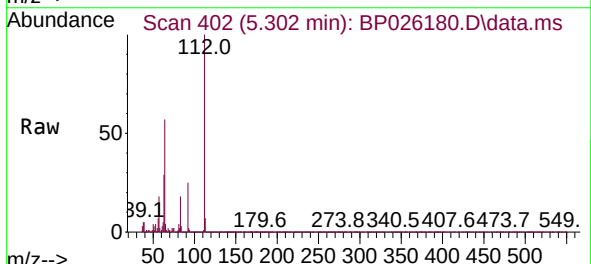
Instrument :
BNA_P
ClientSampleId :
PB170631BL

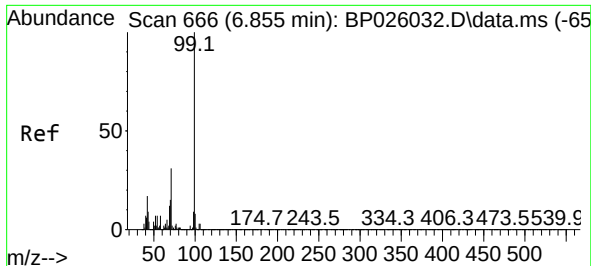
Tgt Ion:152 Resp: 437259
Ion Ratio Lower Upper
152 100
150 152.7 123.0 184.6
115 58.0 46.3 69.5



#5
2-Fluorophenol
Concen: 114.797 ng
RT: 5.302 min Scan# 402
Delta R.T. 0.012 min
Lab File: BP026180.D
Acq: 21 Nov 2025 11:09

Tgt Ion:112 Resp: 3127325
Ion Ratio Lower Upper
112 100
64 56.9 45.8 68.6
63 28.9 23.5 35.3

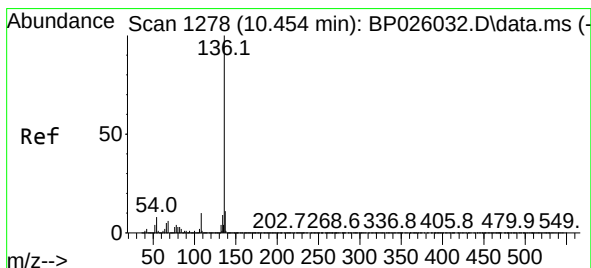
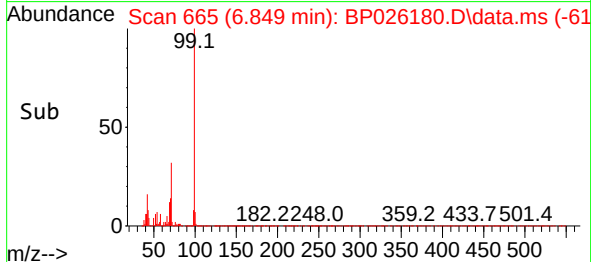
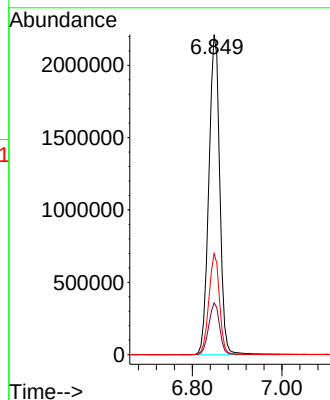
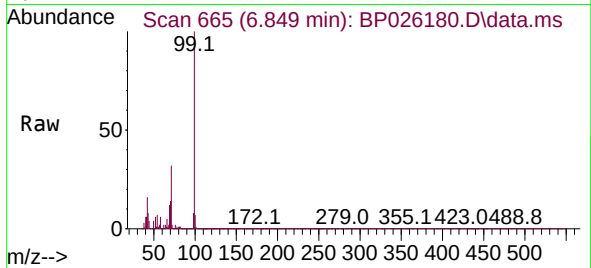




#7
Phenol-d6
Concen: 107.373 ng
RT: 6.849 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026180.D
Acq: 21 Nov 2025 11:09

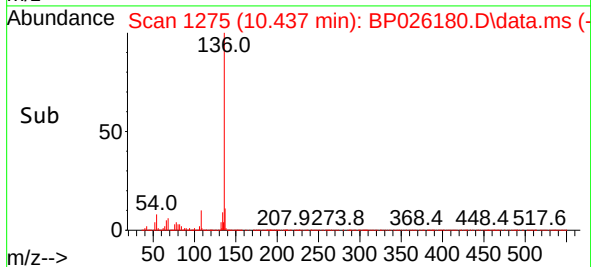
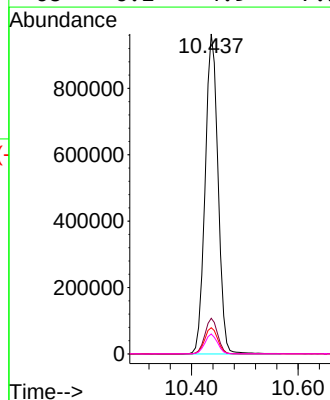
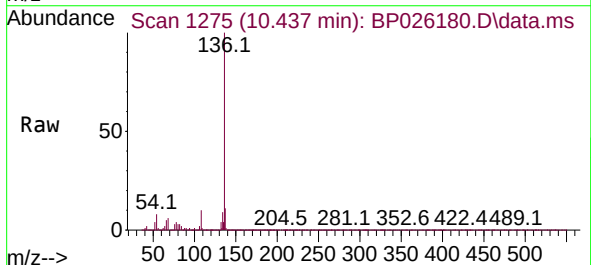
Instrument :
BNA_P
ClientSampleId :
PB170631BL

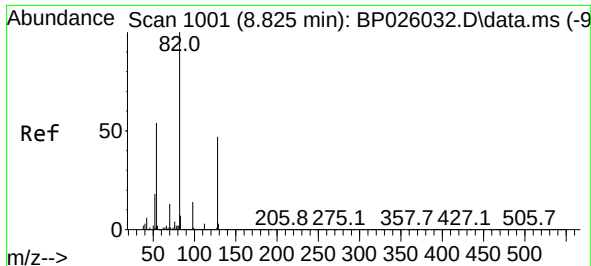
Tgt Ion: 99 Resp: 3723819
Ion Ratio Lower Upper
99 100
42 16.2 12.9 19.3
71 31.6 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BP026180.D
Acq: 21 Nov 2025 11:09

Tgt Ion:136 Resp: 1616208
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.2 6.4 9.6
68 6.2 4.9 7.3

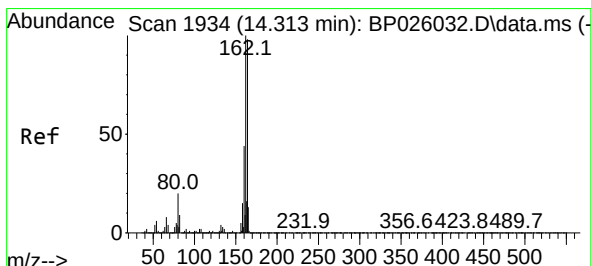
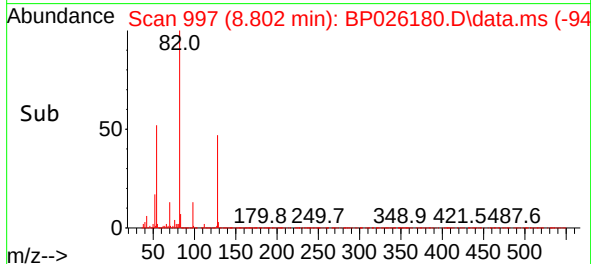
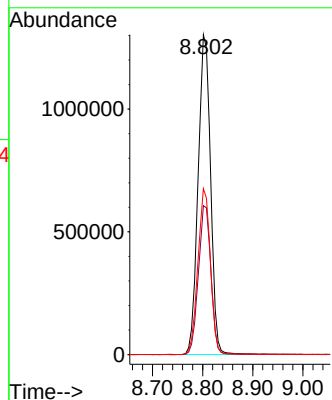
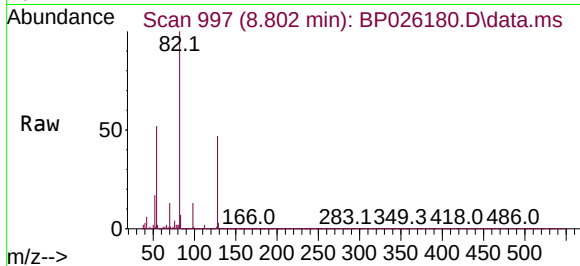




#23
Nitrobenzene-d5
Concen: 79.289 ng
RT: 8.802 min Scan# 997
Delta R.T. -0.012 min
Lab File: BP026180.D
Acq: 21 Nov 2025 11:09

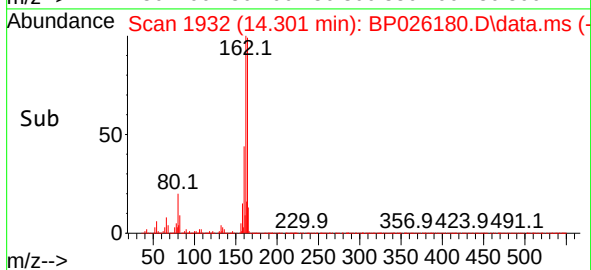
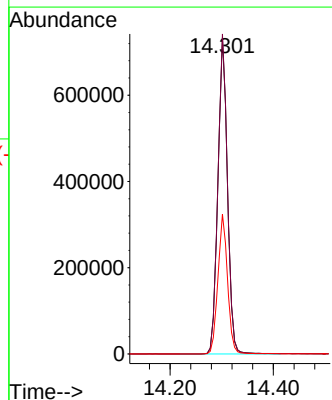
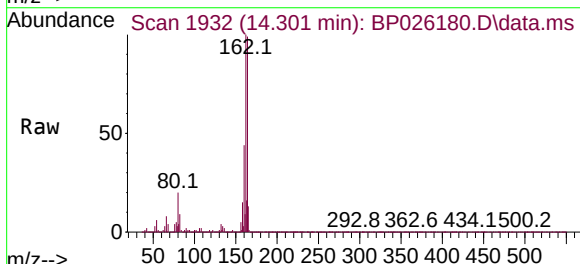
Instrument :
BNA_P
ClientSampleId :
PB170631BL

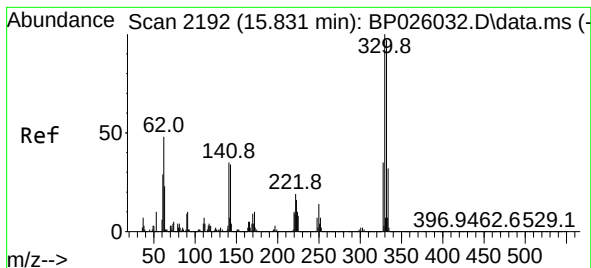
Tgt Ion: 82 Resp: 2256030
Ion Ratio Lower Upper
82 100
128 46.5 37.4 56.0
54 51.9 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.301 min Scan# 1932
Delta R.T. -0.023 min
Lab File: BP026180.D
Acq: 21 Nov 2025 11:09

Tgt Ion:164 Resp: 942355
Ion Ratio Lower Upper
164 100
162 101.2 80.3 120.5
160 44.2 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 110.584 ng

RT: 15.825 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP026180.D

Acq: 21 Nov 2025 11:09

Instrument :

BNA_P

ClientSampleId :

PB170631BL

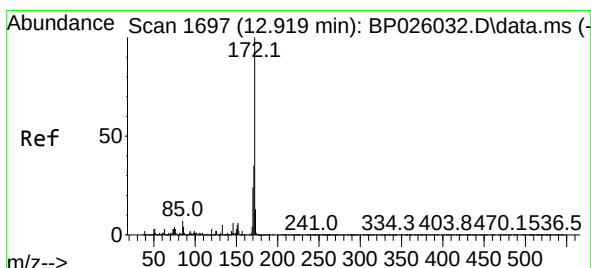
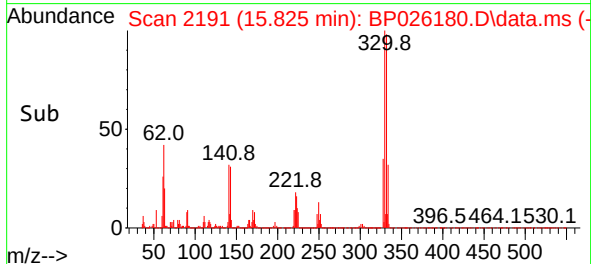
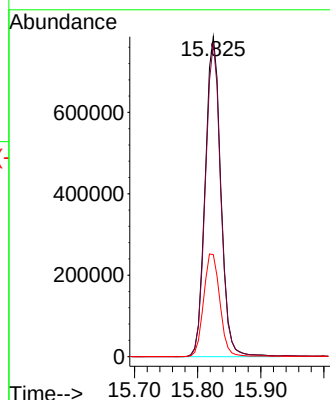
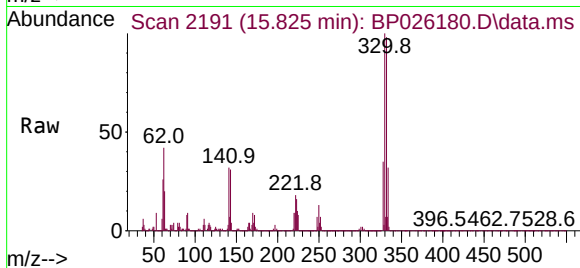
Tgt Ion:330 Resp: 1351853

Ion Ratio Lower Upper

330 100

332 96.5 78.0 117.0

141 33.5 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 79.598 ng

RT: 12.907 min Scan# 1695

Delta R.T. -0.023 min

Lab File: BP026180.D

Acq: 21 Nov 2025 11:09

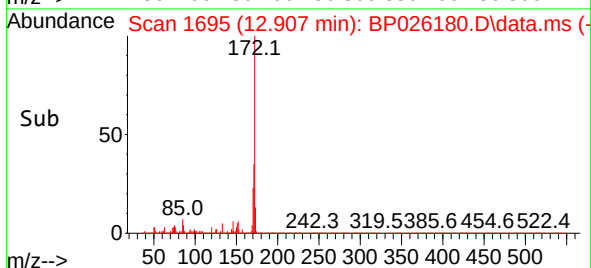
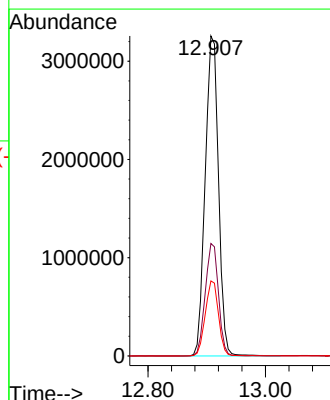
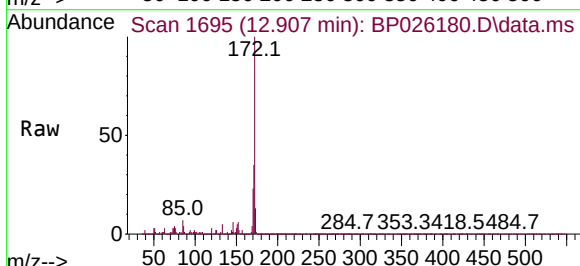
Tgt Ion:172 Resp: 5118062

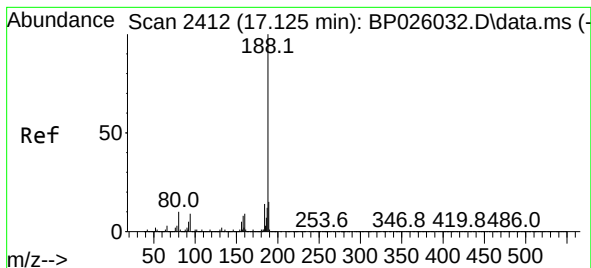
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.4 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.119 min Scan# 2411

Delta R.T. -0.012 min

Lab File: BP026180.D

Acq: 21 Nov 2025 11:09

Instrument :

BNA_P

ClientSampleId :

PB170631BL

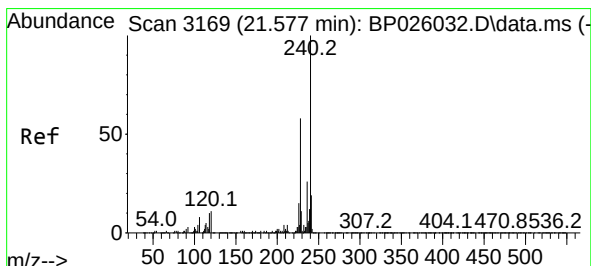
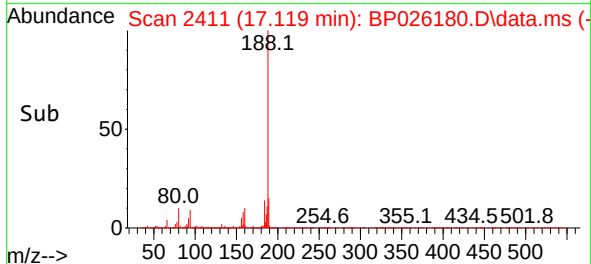
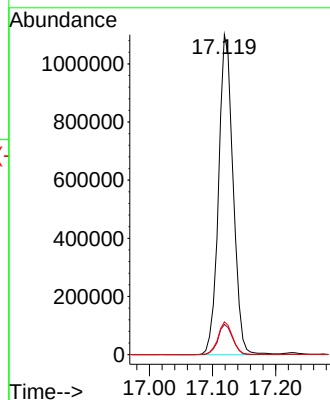
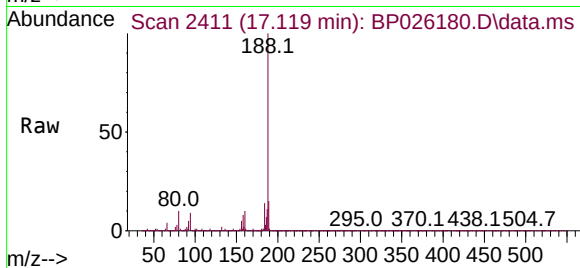
Tgt Ion:188 Resp: 1760381

Ion Ratio Lower Upper

188 100

94 9.4 7.8 11.6

80 10.2 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.566 min Scan# 3167

Delta R.T. -0.006 min

Lab File: BP026180.D

Acq: 21 Nov 2025 11:09

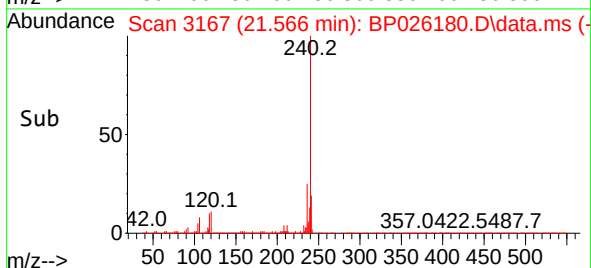
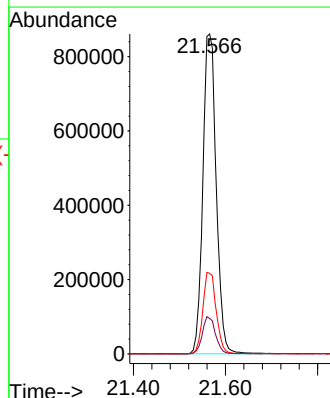
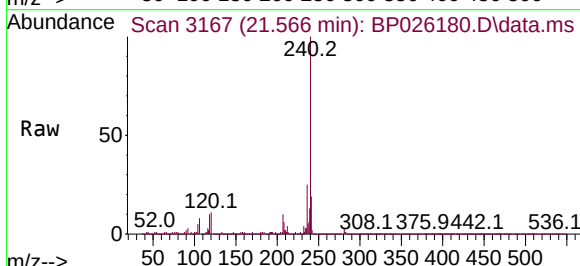
Tgt Ion:240 Resp: 1729670

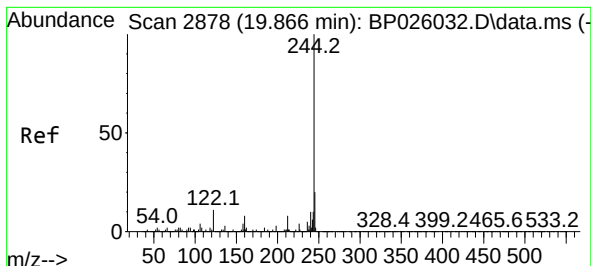
Ion Ratio Lower Upper

240 100

120 11.1 9.0 13.4

236 25.2 20.4 30.6





#79

Terphenyl-d14

Concen: 81.730 ng

RT: 19.860 min Scan# 2878

Delta R.T. -0.012 min

Lab File: BP026180.D

Acq: 21 Nov 2025 11:09

Instrument :

BNA_P

ClientSampleId :

PB170631BL

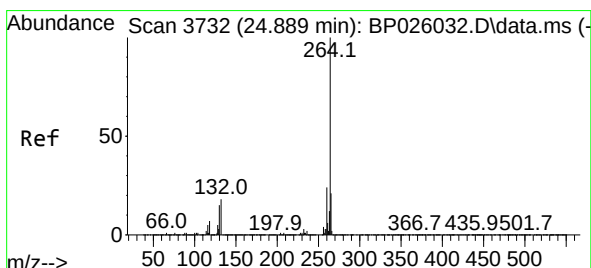
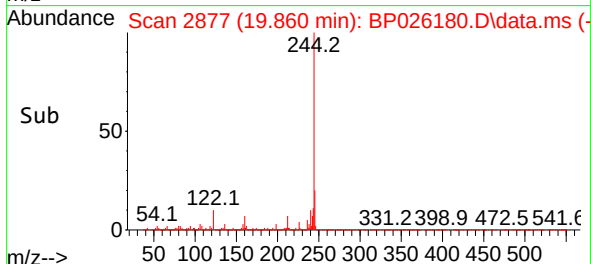
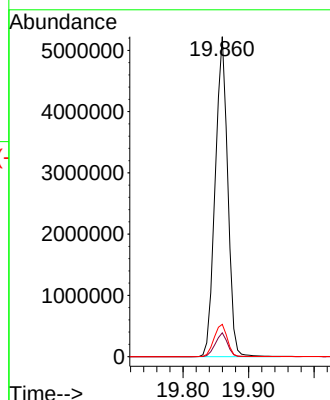
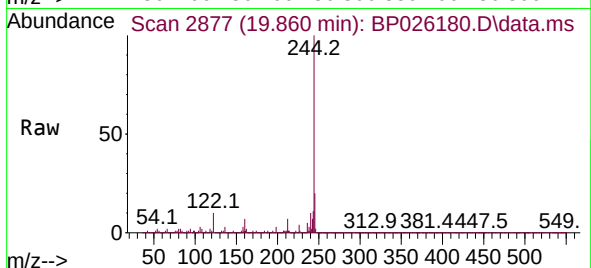
Tgt Ion:244 Resp: 6932962

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 10.1 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.895 min Scan# 3733

Delta R.T. -0.012 min

Lab File: BP026180.D

Acq: 21 Nov 2025 11:09

Tgt Ion:264 Resp: 1859776

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.1 17.5 26.3

