

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
 Data File : BP025828.D
 Acq On : 23 Sep 2025 13:48
 Operator : CG/JU
 Sample : PB169774BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169774BL

Quant Time: Sep 23 14:09:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	226989	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	889928	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	600979	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	1402806	20.000	ng	0.00
76) Chrysene-d12	21.636	240	1747164	20.000	ng	0.00
86) Perylene-d12	25.001	264	1629648	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1734129	123.270	ng	0.00
7) Phenol-d6	6.955	99	2180413	116.609	ng	0.00
23) Nitrobenzene-d5	8.896	82	1469707	72.849	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	1002082	133.682	ng	-0.01
45) 2-Fluorobiphenyl	12.984	172	3221809	71.381	ng	0.00
79) Terphenyl-d14	19.901	244	6542411	67.365	ng	-0.01

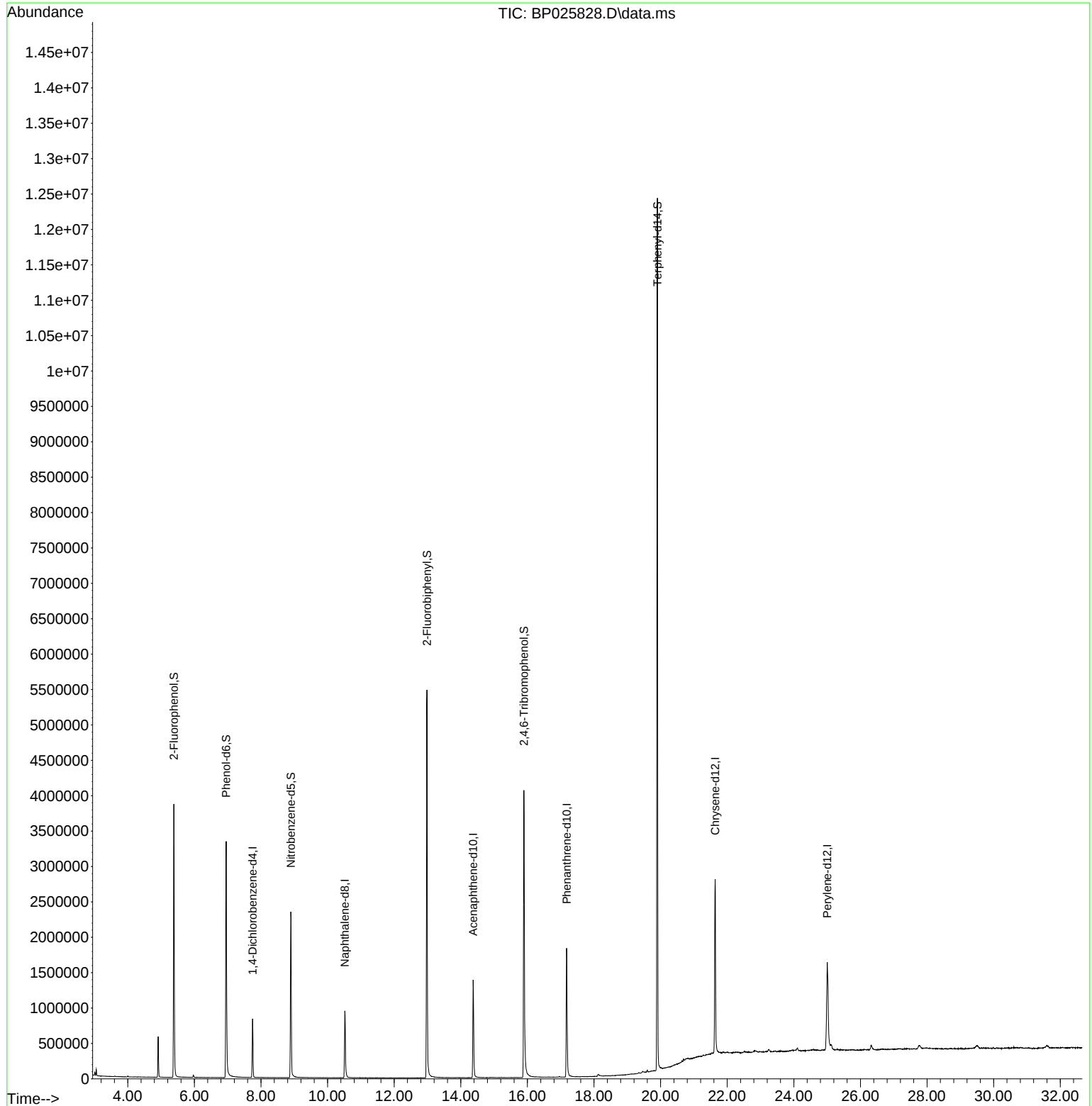
Target Compounds	Qvalue

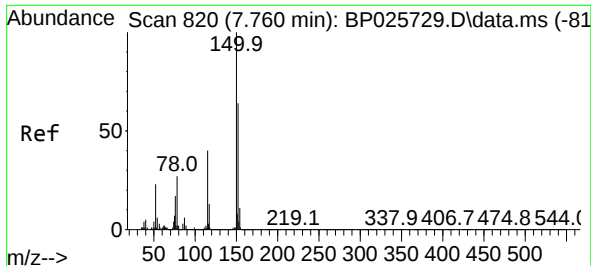
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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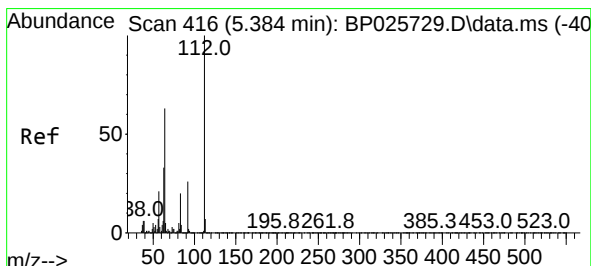
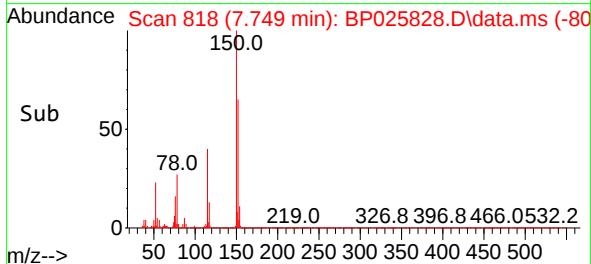
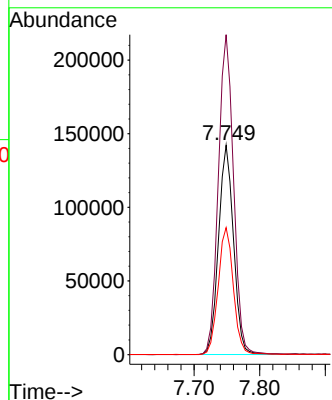
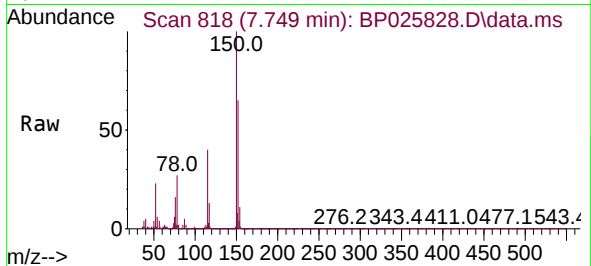




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 818
Delta R.T. -0.011 min
Lab File: BP025828.D
Acq: 23 Sep 2025 13:48

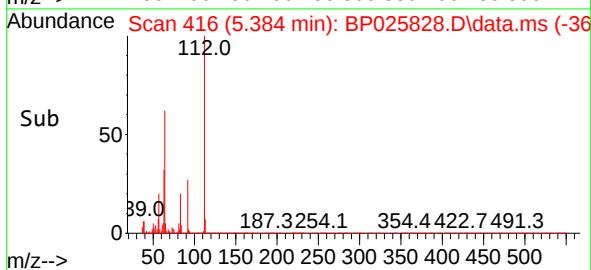
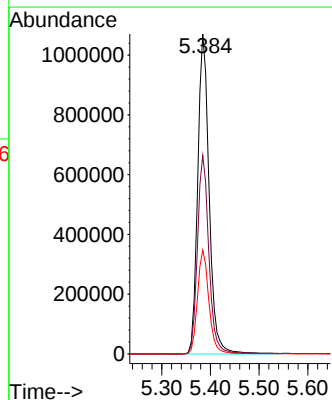
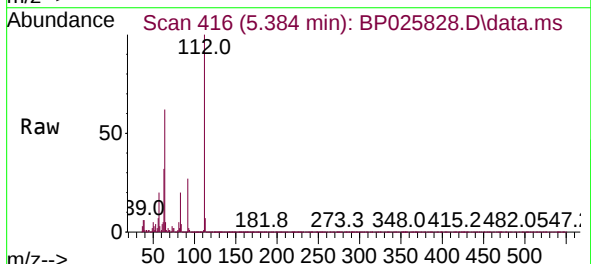
Instrument :
BNA_P
ClientSampleId :
PB169774BL

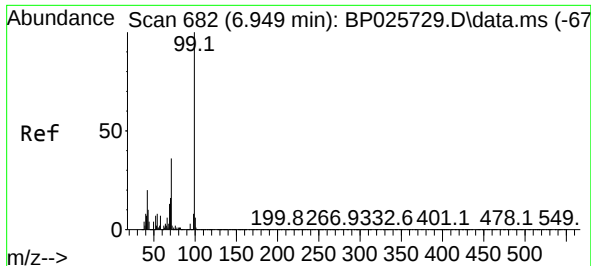
Tgt Ion:152 Resp: 226989
Ion Ratio Lower Upper
152 100
150 152.8 124.3 186.5
115 60.6 50.3 75.5



#5
2-Fluorophenol
Concen: 123.270 ng
RT: 5.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP025828.D
Acq: 23 Sep 2025 13:48

Tgt Ion:112 Resp: 1734129
Ion Ratio Lower Upper
112 100
64 62.0 50.2 75.4
63 32.5 26.7 40.1

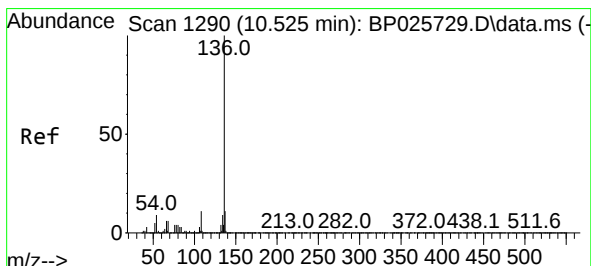
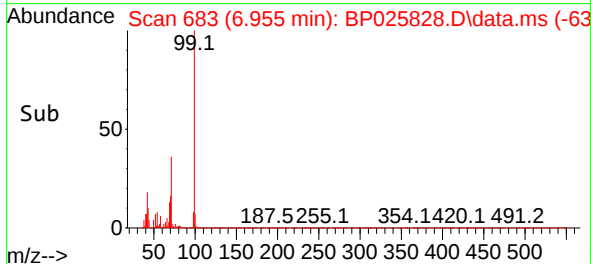
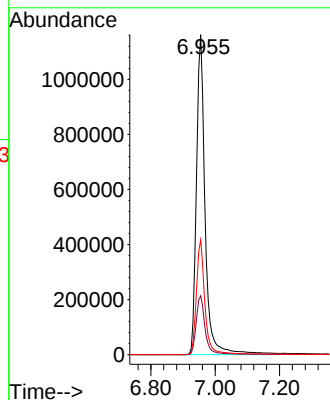
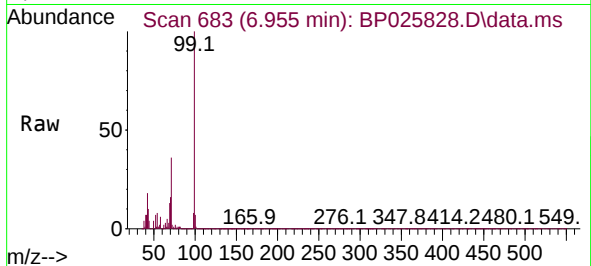




#7
Phenol-d6
Concen: 116.609 ng
RT: 6.955 min Scan# 682
Delta R.T. 0.006 min
Lab File: BP025828.D
Acq: 23 Sep 2025 13:48

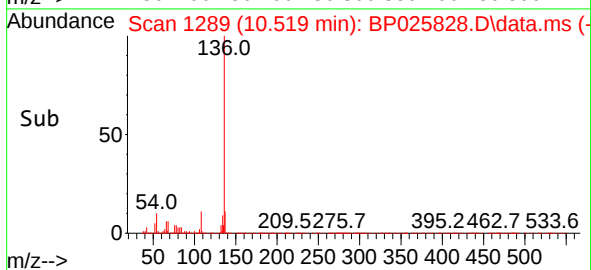
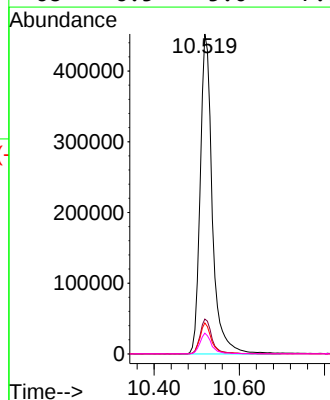
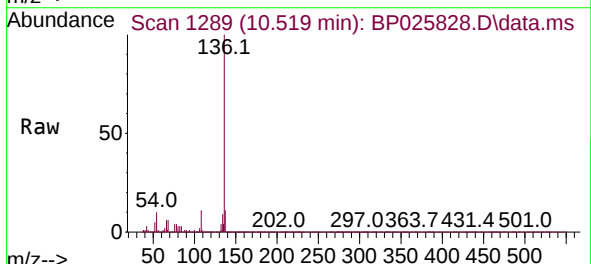
Instrument :
BNA_P
ClientSampleId :
PB169774BL

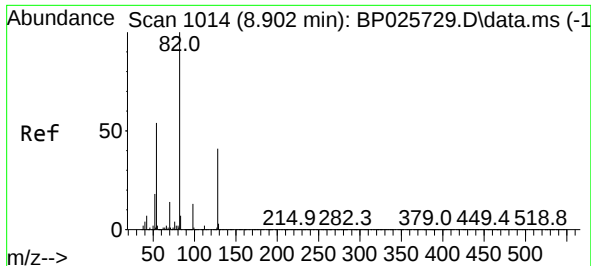
Tgt Ion: 99 Resp: 2180413
Ion Ratio Lower Upper
99 100
42 18.4 15.6 23.4
71 35.9 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP025828.D
Acq: 23 Sep 2025 13:48

Tgt Ion:136 Resp: 889928
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.7 7.5 11.3
68 6.5 5.0 7.6

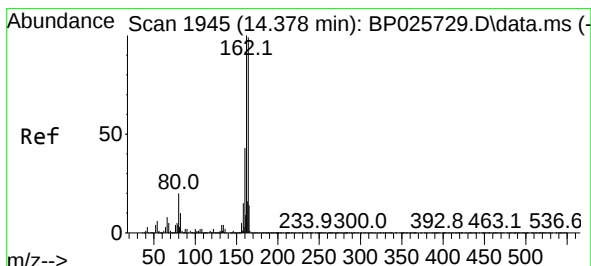
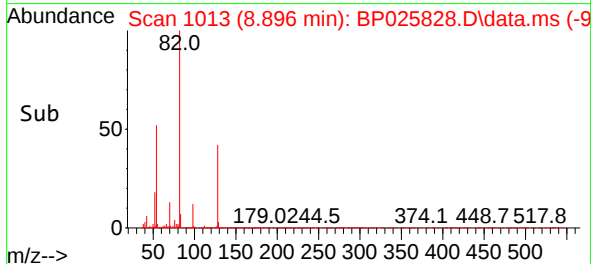
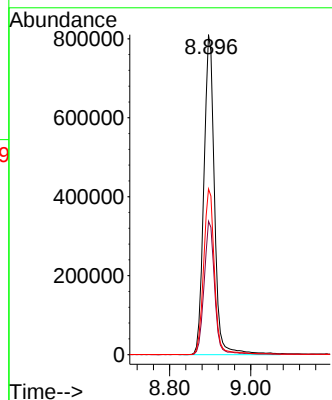
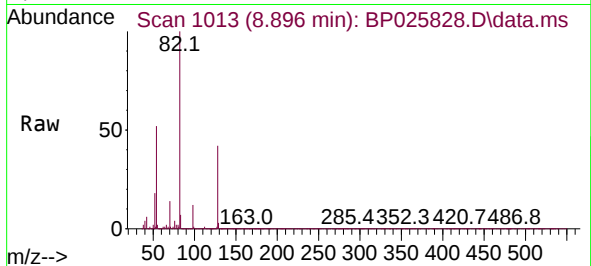




#23
Nitrobenzene-d5
Concen: 72.849 ng
RT: 8.896 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP025828.D
Acq: 23 Sep 2025 13:48

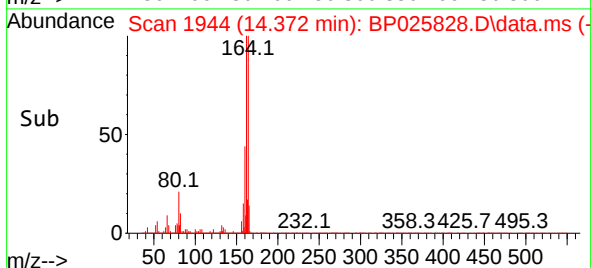
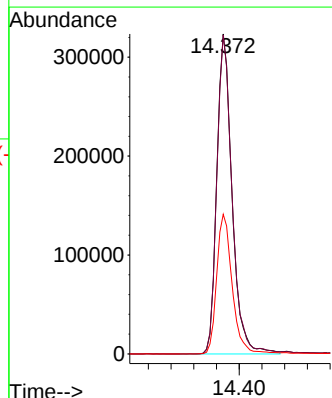
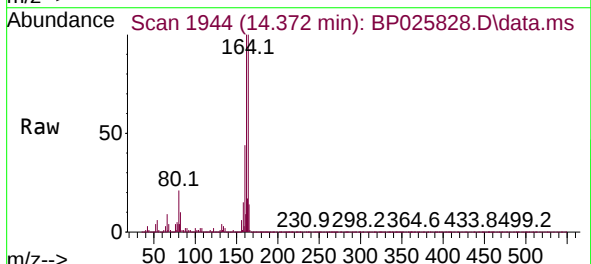
Instrument :
BNA_P
ClientSampleId :
PB169774BL

Tgt Ion: 82 Resp: 1469707
Ion Ratio Lower Upper
82 100
128 41.7 32.9 49.3
54 51.8 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025828.D
Acq: 23 Sep 2025 13:48

Tgt Ion:164 Resp: 600979
Ion Ratio Lower Upper
164 100
162 99.7 80.6 120.8
160 43.7 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 133.682 ng

RT: 15.895 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025828.D

Acq: 23 Sep 2025 13:48

Instrument :

BNA_P

ClientSampleId :

PB169774BL

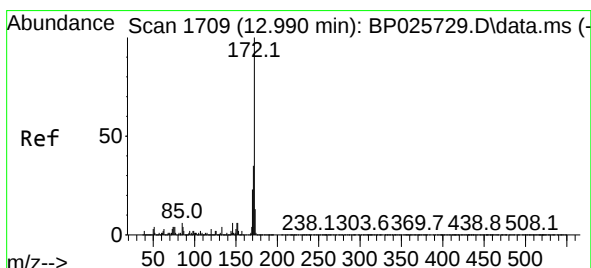
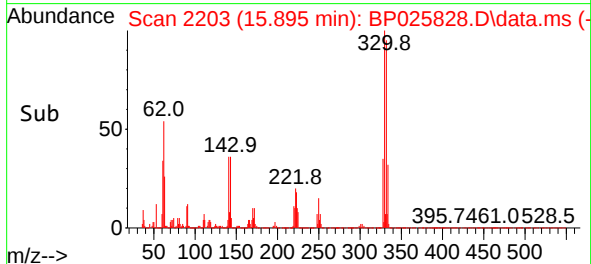
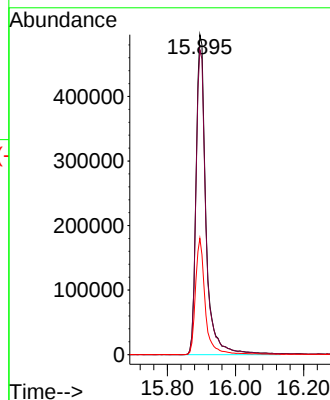
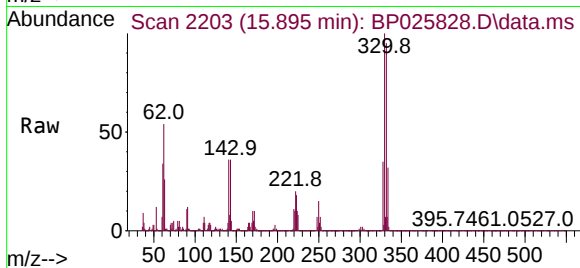
Tgt Ion:330 Resp: 1002082

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

141 35.6 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 71.381 ng

RT: 12.984 min Scan# 1708

Delta R.T. -0.006 min

Lab File: BP025828.D

Acq: 23 Sep 2025 13:48

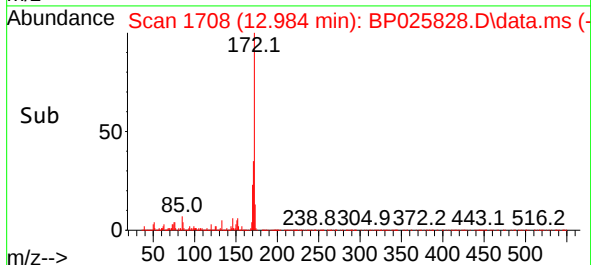
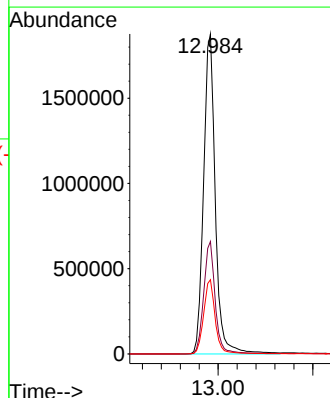
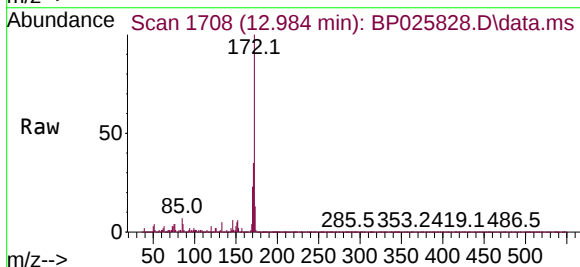
Tgt Ion:172 Resp: 3221809

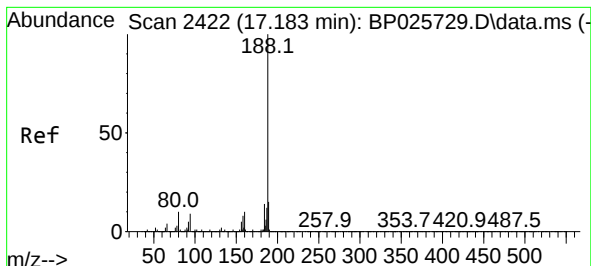
Ion Ratio Lower Upper

172 100

171 35.1 27.8 41.6

170 23.2 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.178 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP025828.D

Acq: 23 Sep 2025 13:48

Instrument :

BNA_P

ClientSampleId :

PB169774BL

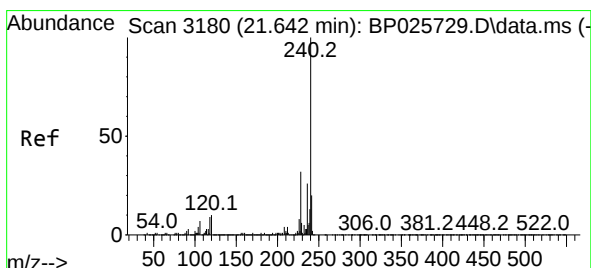
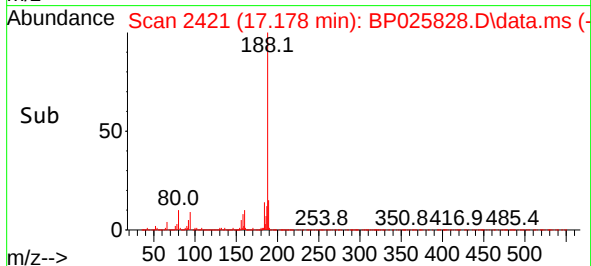
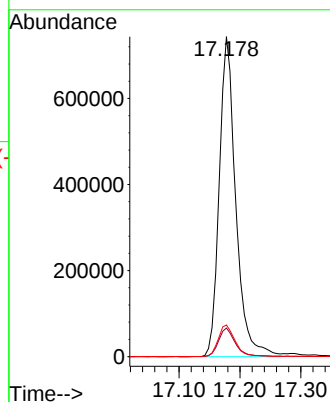
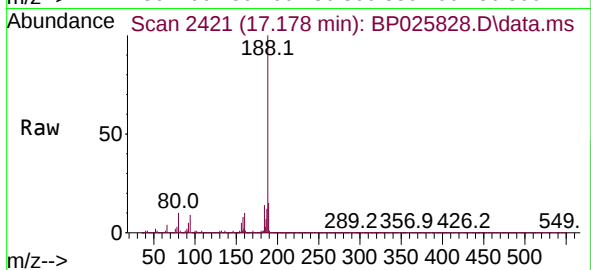
Tgt Ion:188 Resp: 1402806

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.0

80 9.9 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.636 min Scan# 3179

Delta R.T. -0.006 min

Lab File: BP025828.D

Acq: 23 Sep 2025 13:48

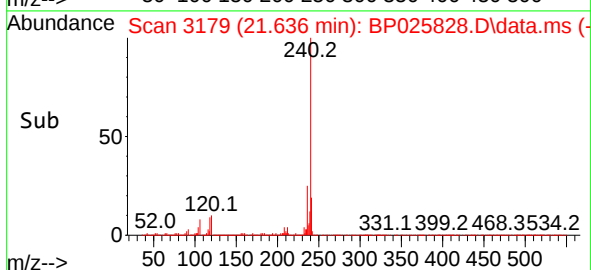
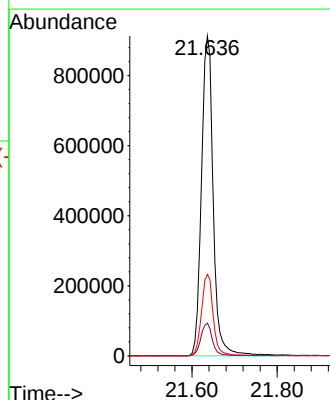
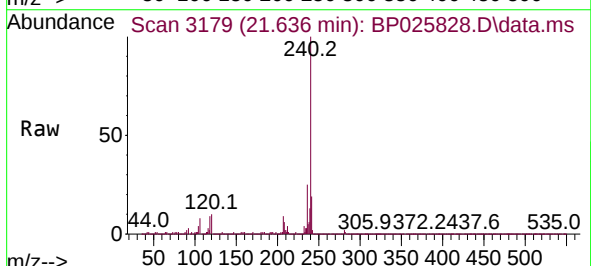
Tgt Ion:240 Resp: 1747164

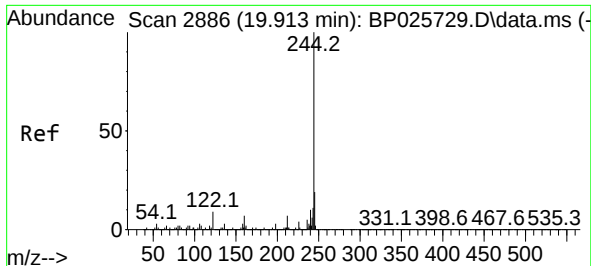
Ion Ratio Lower Upper

240 100

120 10.2 8.0 12.0

236 25.5 20.7 31.1

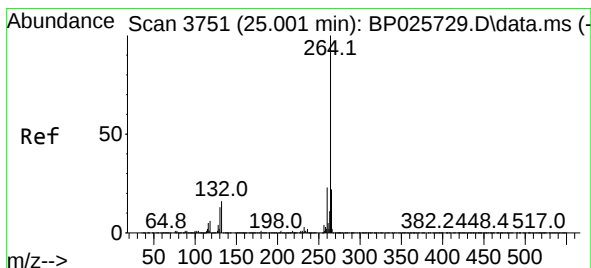
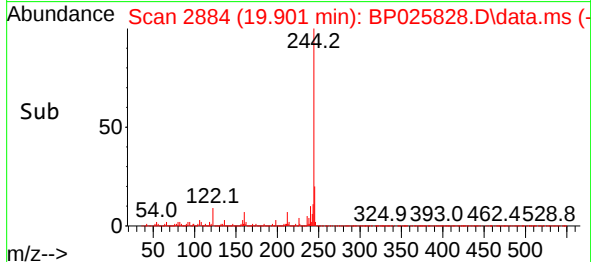
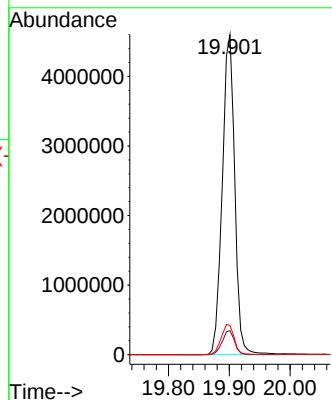
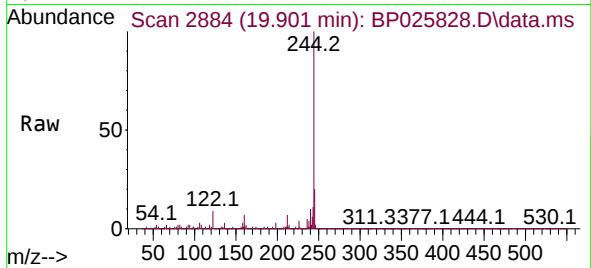




#79
 Terphenyl-d14
 Concen: 67.365 ng
 RT: 19.901 min Scan# 2886
 Delta R.T. -0.012 min
 Lab File: BP025828.D
 Acq: 23 Sep 2025 13:48

Instrument :
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 ClientSampleId :
 PB169774BL

Tgt Ion:244 Resp: 6542411
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 9.2 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.001 min Scan# 3751
 Delta R.T. 0.000 min
 Lab File: BP025828.D
 Acq: 23 Sep 2025 13:48

Tgt Ion:264 Resp: 1629648
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.3 27.5
 265 22.5 17.3 25.9

