

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112125\
 Data File : BP026181.D
 Acq On : 21 Nov 2025 11:50
 Operator : RC/JU
 Sample : PB170618BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170618BL

Quant Time: Nov 21 12:10:11 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	433327	20.000	ng	0.00
21) Naphthalene-d8	10.431	136	1626712	20.000	ng	-0.02
39) Acenaphthene-d10	14.307	164	932990	20.000	ng	-0.02
64) Phenanthrene-d10	17.113	188	1751253	20.000	ng	-0.02
76) Chrysene-d12	21.566	240	1711067	20.000	ng	0.00
86) Perylene-d12	24.901	264	1827869	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	3079866	114.081	ng	0.01
7) Phenol-d6	6.855	99	3656336	106.384	ng	0.00
23) Nitrobenzene-d5	8.808	82	2222200	77.596	ng	0.00
42) 2,4,6-Tribromophenol	15.825	330	1324770	109.457	ng	-0.01
45) 2-Fluorobiphenyl	12.919	172	5123669	80.486	ng	-0.01
79) Terphenyl-d14	19.860	244	6787070	80.880	ng	-0.01

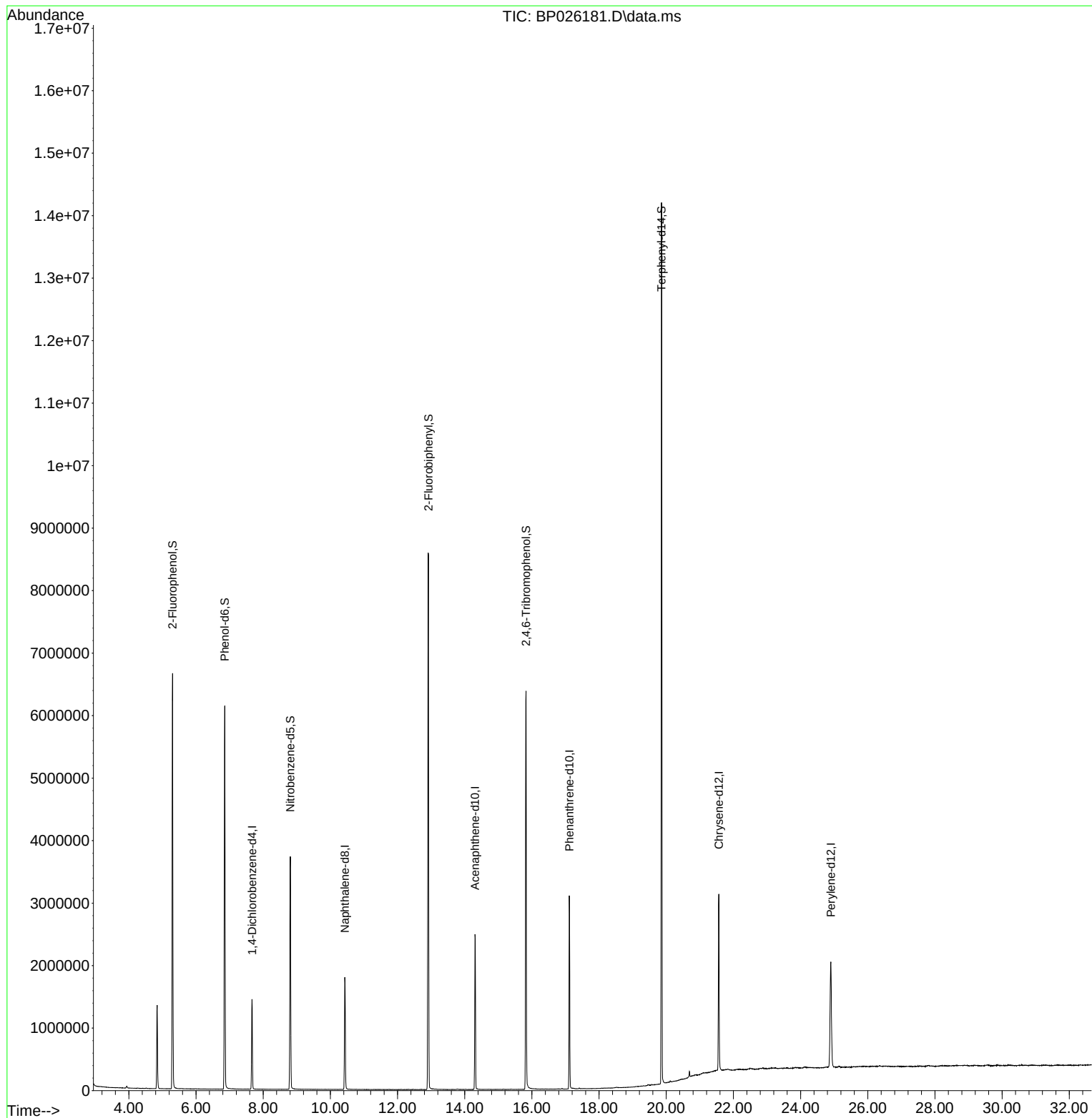
Target Compounds	Qvalue

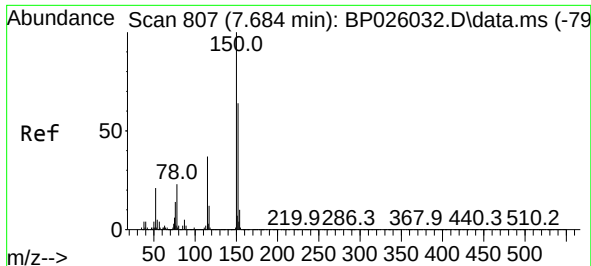
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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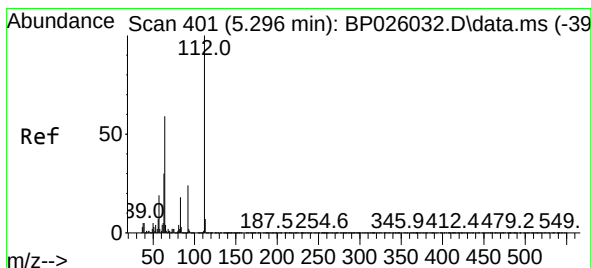
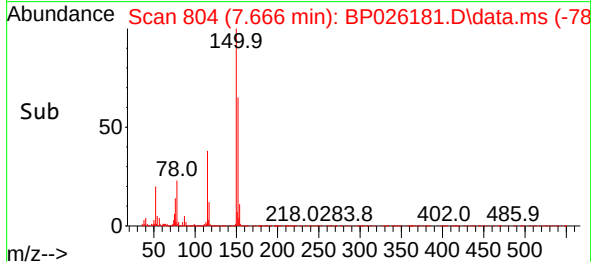
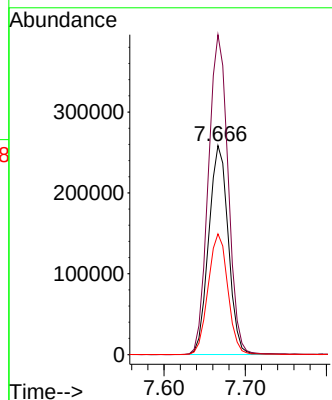
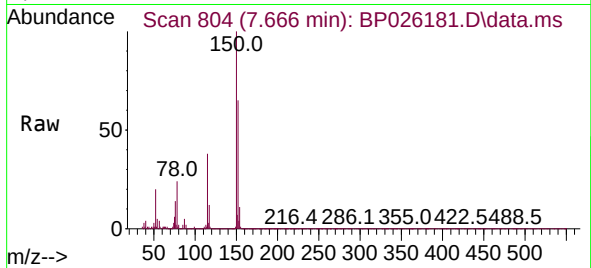




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.666 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026181.D
Acq: 21 Nov 2025 11:50

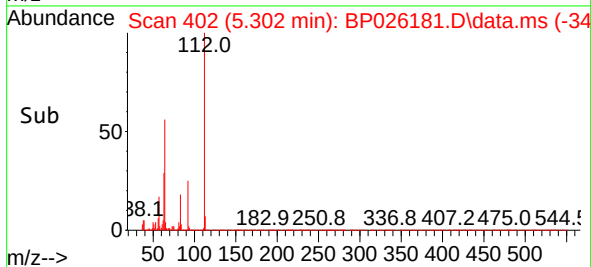
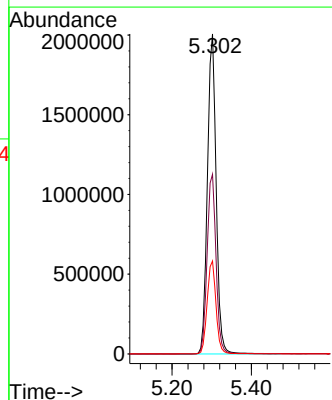
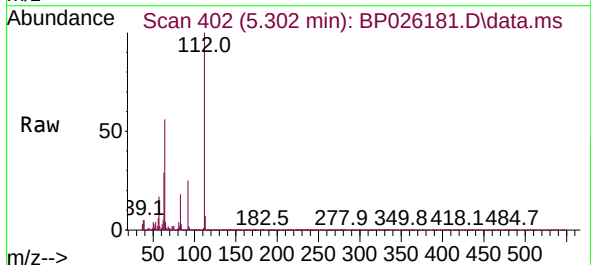
Instrument :
BNA_P
ClientSampleId :
PB170618BL

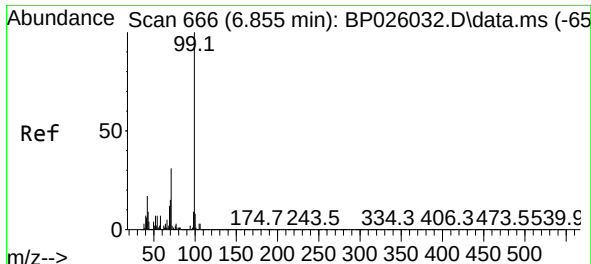
Tgt Ion:152 Resp: 433327
Ion Ratio Lower Upper
152 100
150 153.1 123.0 184.6
115 57.7 46.3 69.5



#5
2-Fluorophenol
Concen: 114.081 ng
RT: 5.302 min Scan# 402
Delta R.T. 0.012 min
Lab File: BP026181.D
Acq: 21 Nov 2025 11:50

Tgt Ion:112 Resp: 3079866
Ion Ratio Lower Upper
112 100
64 56.1 45.8 68.6
63 29.0 23.5 35.3

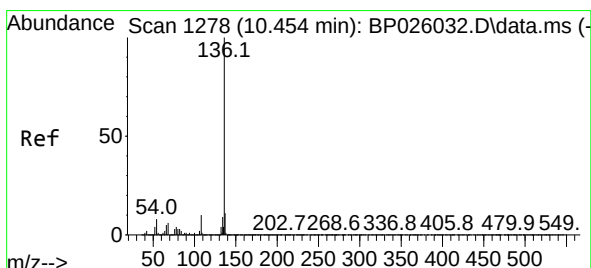
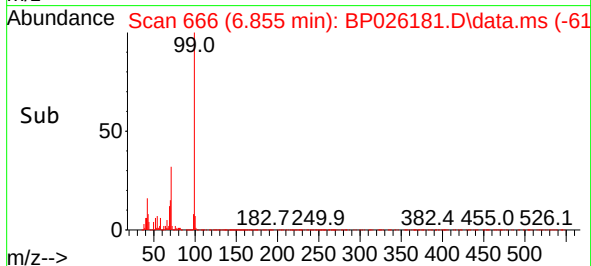
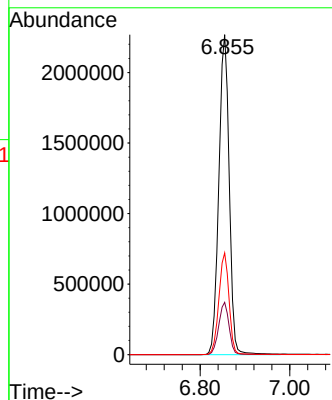
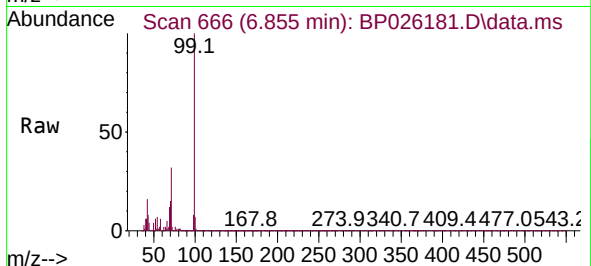




#7
Phenol-d6
Concen: 106.384 ng
RT: 6.855 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026181.D
Acq: 21 Nov 2025 11:50

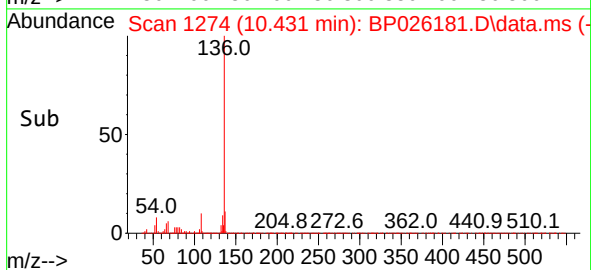
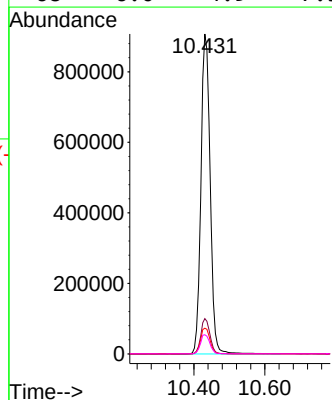
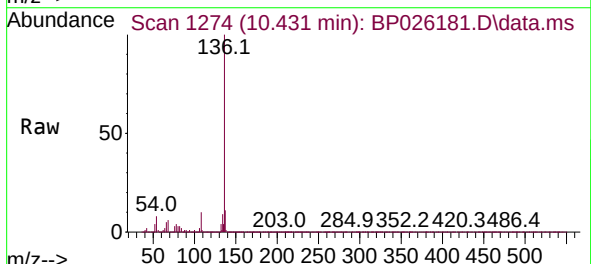
Instrument :
BNA_P
ClientSampleId :
PB170618BL

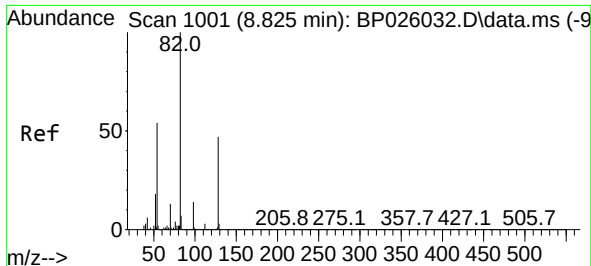
Tgt Ion: 99 Resp: 3656336
Ion Ratio Lower Upper
99 100
42 16.3 12.9 19.3
71 31.8 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.431 min Scan# 1274
Delta R.T. -0.017 min
Lab File: BP026181.D
Acq: 21 Nov 2025 11:50

Tgt Ion:136 Resp: 1626712
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.0 6.4 9.6
68 6.0 4.9 7.3

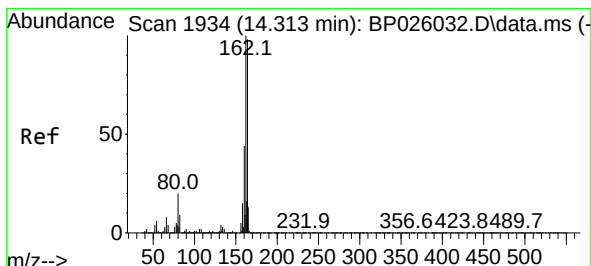
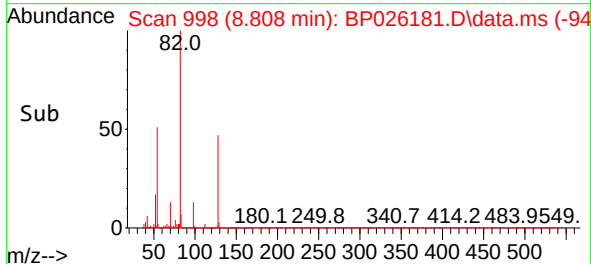
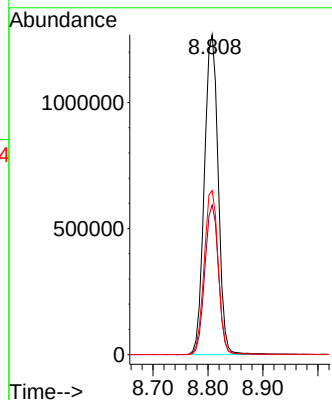
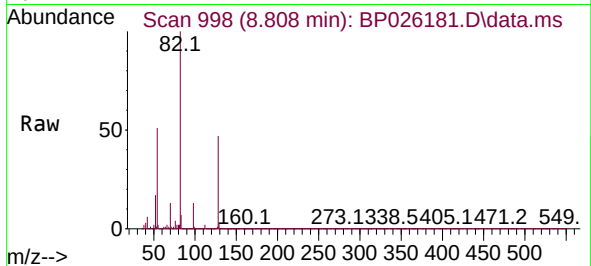




#23
Nitrobenzene-d5
Concen: 77.596 ng
RT: 8.808 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP026181.D
Acq: 21 Nov 2025 11:50

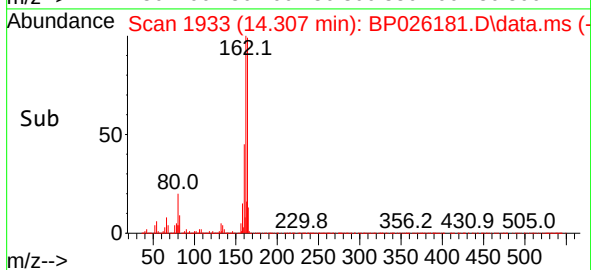
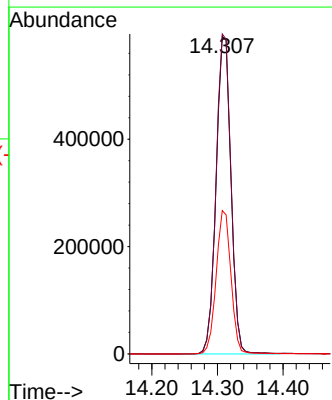
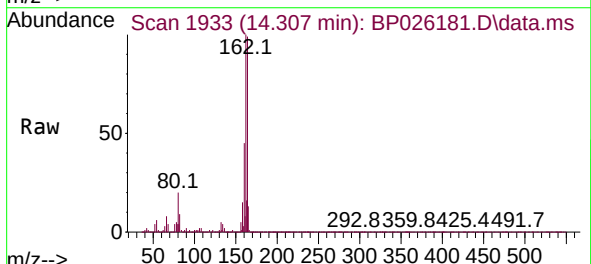
Instrument :
BNA_P
ClientSampleId :
PB170618BL

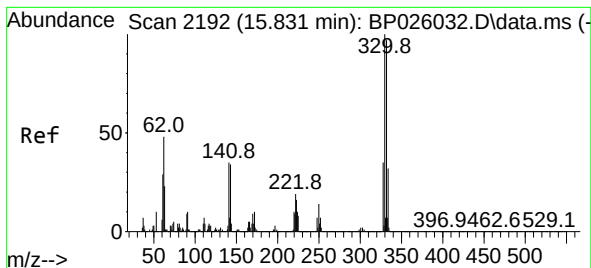
Tgt Ion: 82 Resp: 2222200
Ion Ratio Lower Upper
82 100
128 46.8 37.4 56.0
54 51.3 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.017 min
Lab File: BP026181.D
Acq: 21 Nov 2025 11:50

Tgt Ion:164 Resp: 932990
Ion Ratio Lower Upper
164 100
162 100.8 80.3 120.5
160 45.1 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 109.457 ng

RT: 15.825 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP026181.D

Acq: 21 Nov 2025 11:50

Instrument :

BNA_P

ClientSampleId :

PB170618BL

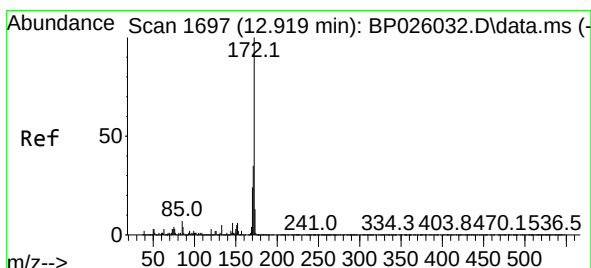
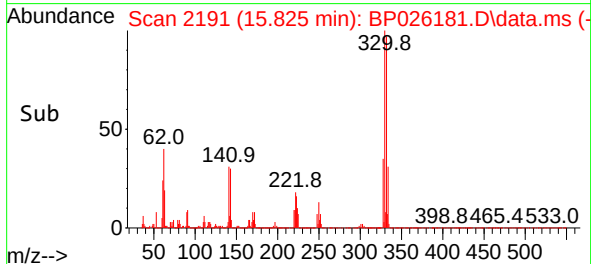
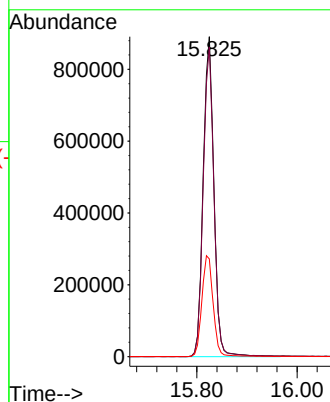
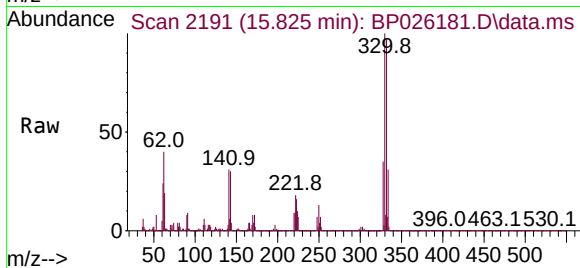
Tgt Ion:330 Resp: 1324770

Ion Ratio Lower Upper

330 100

332 97.3 78.0 117.0

141 33.3 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 80.486 ng

RT: 12.919 min Scan# 1697

Delta R.T. -0.012 min

Lab File: BP026181.D

Acq: 21 Nov 2025 11:50

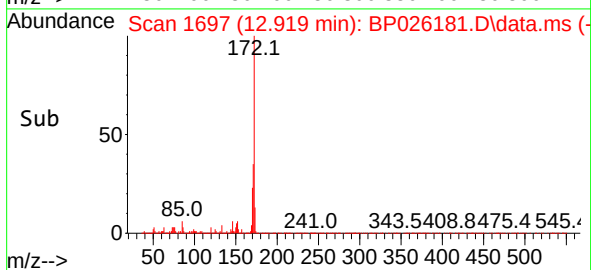
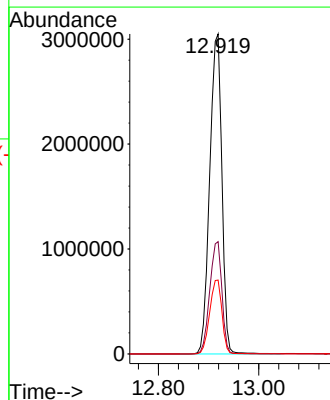
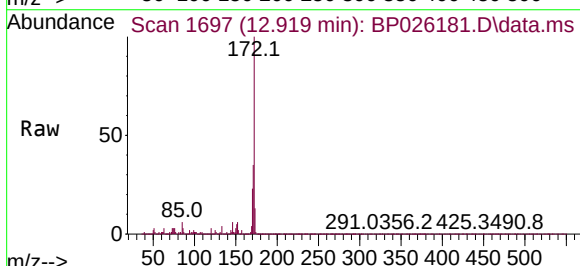
Tgt Ion:172 Resp: 5123669

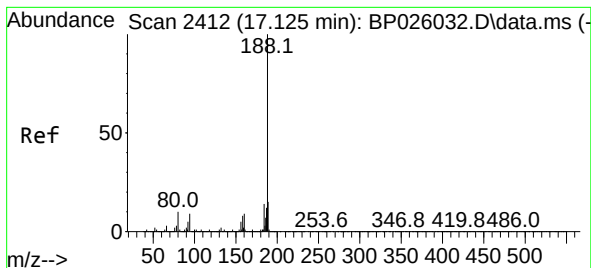
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.1 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.113 min Scan# 2410

Delta R.T. -0.017 min

Lab File: BP026181.D

Acq: 21 Nov 2025 11:50

Instrument :

BNA_P

ClientSampleId :

PB170618BL

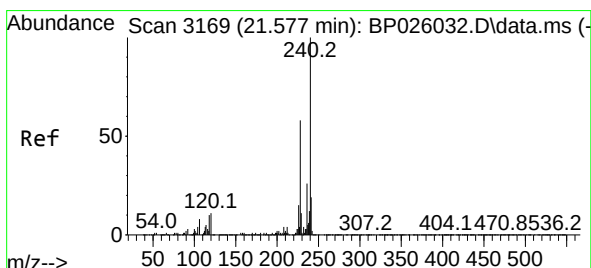
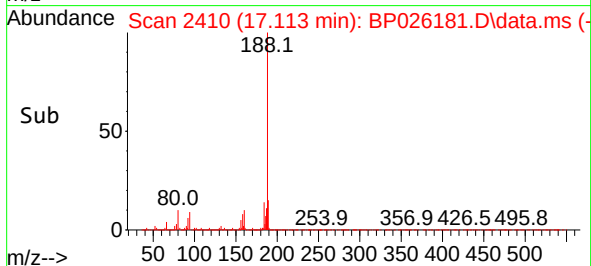
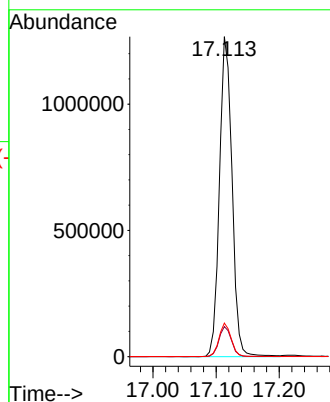
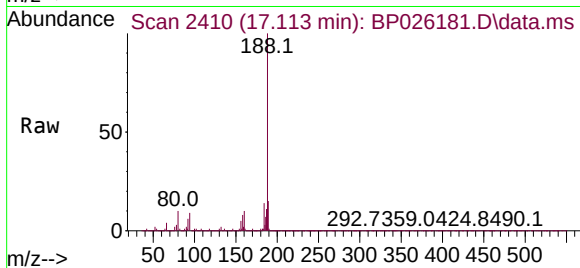
Tgt Ion:188 Resp: 1751253

Ion Ratio Lower Upper

188 100

94 9.4 7.8 11.6

80 10.5 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: BP026181.D

Acq: 21 Nov 2025 11:50

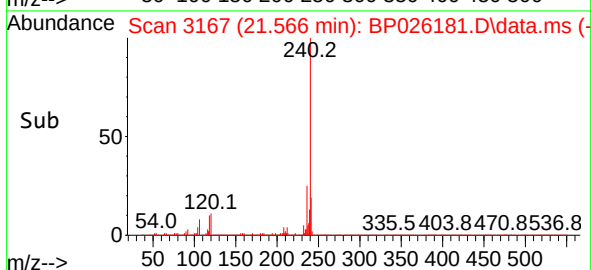
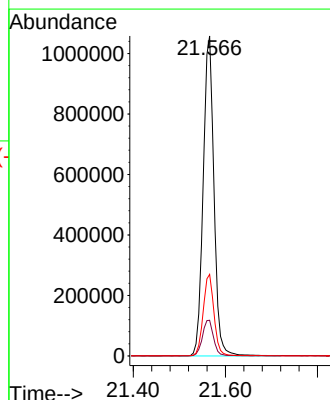
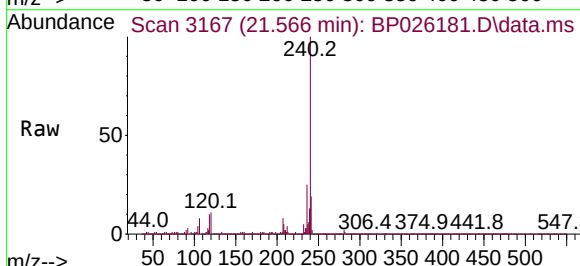
Tgt Ion:240 Resp: 1711067

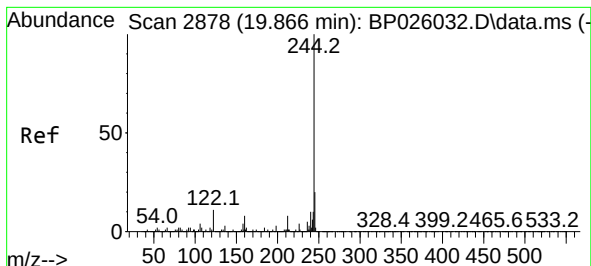
Ion Ratio Lower Upper

240 100

120 11.1 9.0 13.4

236 25.5 20.4 30.6





#79

Terphenyl-d14

Concen: 80.880 ng

RT: 19.860 min Scan# 2878

Delta R.T. -0.012 min

Lab File: BP026181.D

Acq: 21 Nov 2025 11:50

Instrument :

BNA_P

ClientSampleId :

PB170618BL

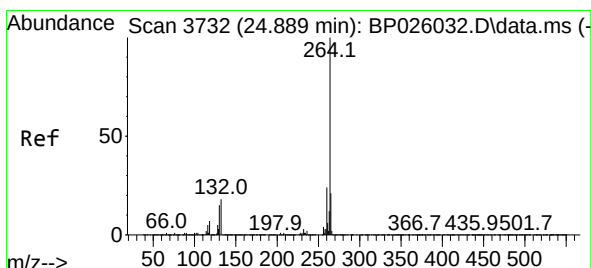
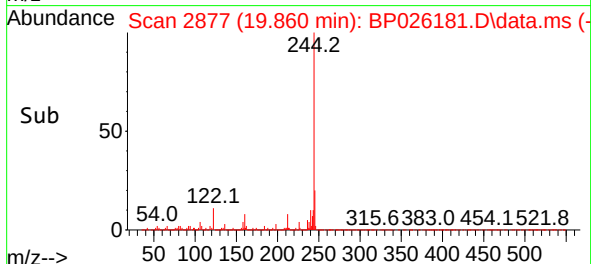
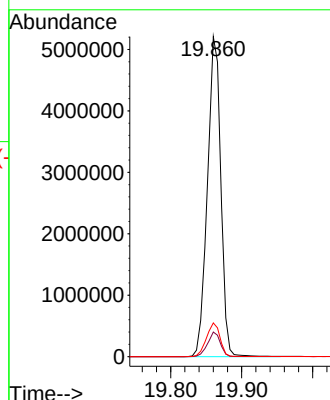
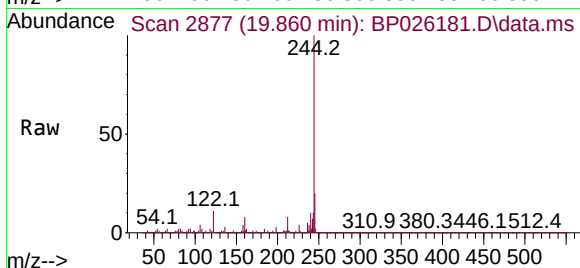
Tgt Ion:244 Resp: 6787070

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

122 10.6 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.901 min Scan# 3734

Delta R.T. -0.006 min

Lab File: BP026181.D

Acq: 21 Nov 2025 11:50

Tgt Ion:264 Resp: 1827869

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 22.3 17.5 26.3

