

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
 Data File : BP026198.D
 Acq On : 01 Dec 2025 14:50
 Operator : RC/JU
 Sample : PB170743BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170743BL

Quant Time: Dec 01 15:10:45 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	7.661	152	220500	20.000	ng	-0.01
21) Naphthalene-d8	10.425	136	824685	20.000	ng	-0.02
39) Acenaphthene-d10	14.290	164	520010	20.000	ng	-0.04
64) Phenanthrene-d10	17.095	188	1035745	20.000	ng	-0.04
76) Chrysene-d12	21.536	240	1225718	20.000	ng	-0.04
86) Perylene-d12	24.848	264	1381845	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1777251	129.371	ng	0.00
7) Phenol-d6	6.843	99	2135578	122.110	ng	-0.01
23) Nitrobenzene-d5	8.802	82	1246843	85.879	ng	-0.01
42) 2,4,6-Tribromophenol	15.801	330	890281	131.976	ng	-0.04
45) 2-Fluorobiphenyl	12.902	172	3152249	88.843	ng	-0.03
79) Terphenyl-d14	19.836	244	5370788	89.346	ng	-0.04

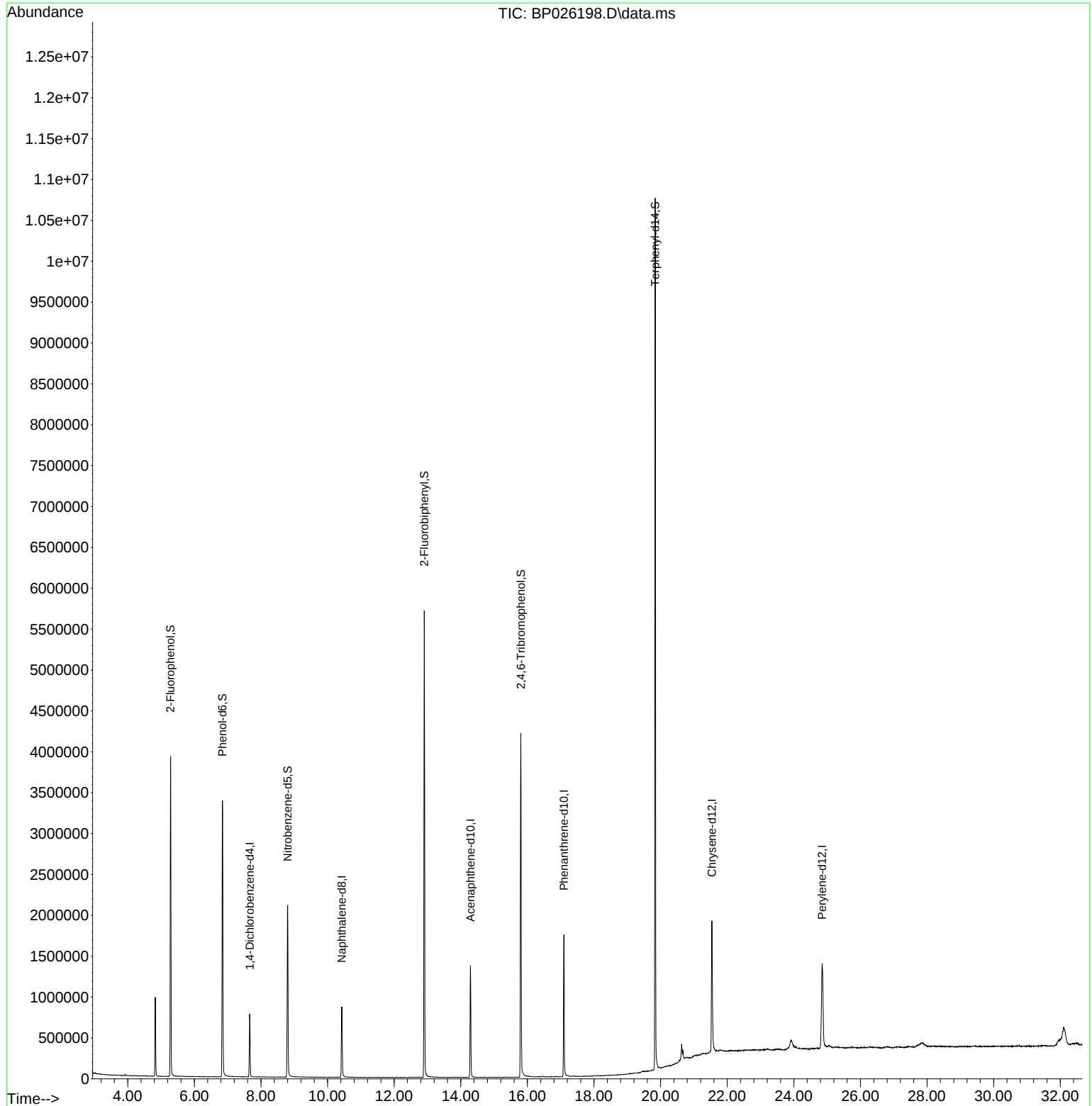
Target Compounds	Qvalue

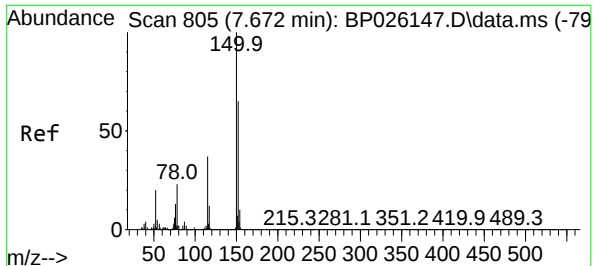
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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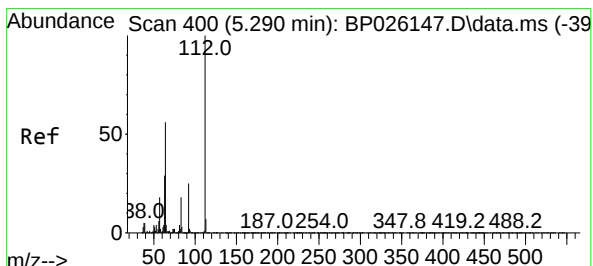
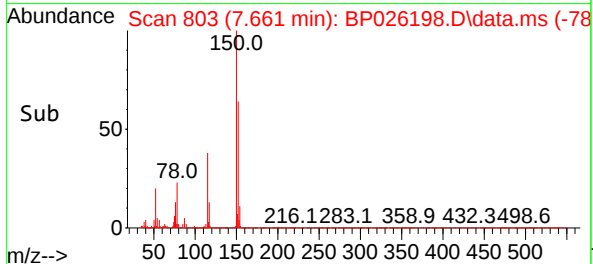
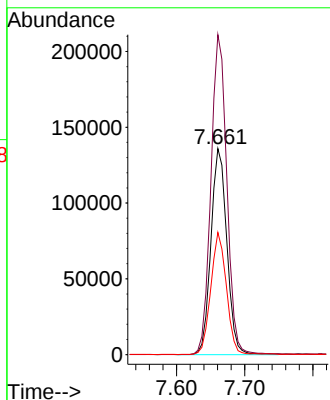
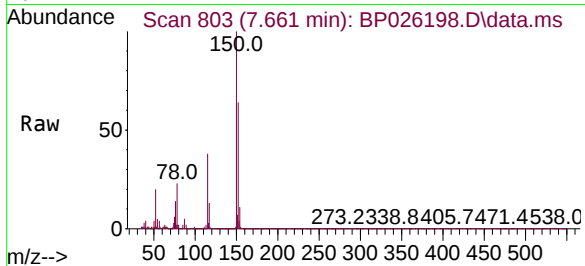




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.661 min Scan# 805
Delta R.T. -0.011 min
Lab File: BP026198.D
Acq: 01 Dec 2025 14:50

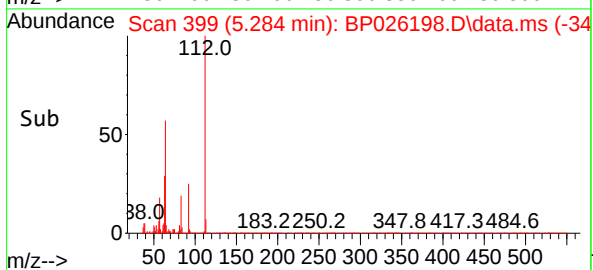
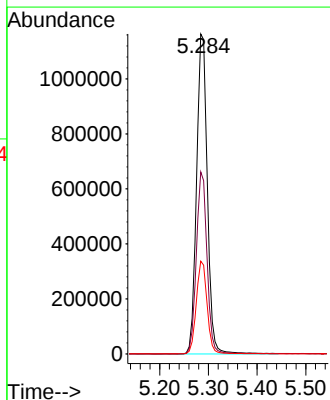
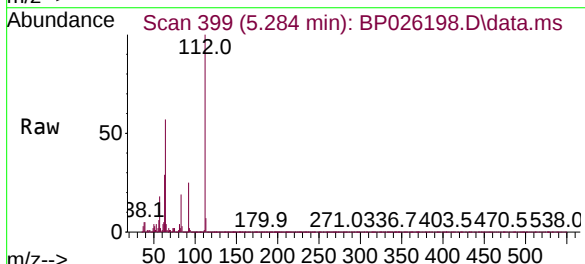
Instrument :
BNA_P
ClientSampleId :
PB170743BL

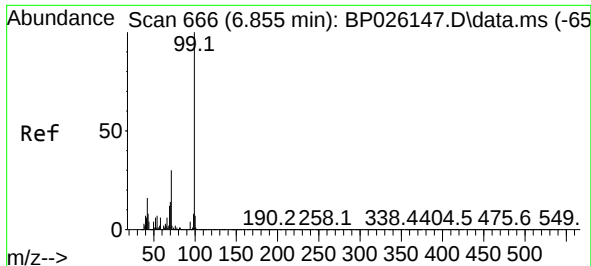
Tgt Ion:152 Resp: 220500
Ion Ratio Lower Upper
152 100
150 155.3 123.0 184.6
115 59.3 46.3 69.5



#5
2-Fluorophenol
Concen: 129.371 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026198.D
Acq: 01 Dec 2025 14:50

Tgt Ion:112 Resp: 1777251
Ion Ratio Lower Upper
112 100
64 56.9 45.8 68.6
63 29.0 23.5 35.3

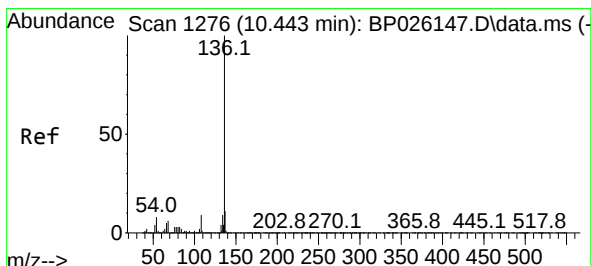
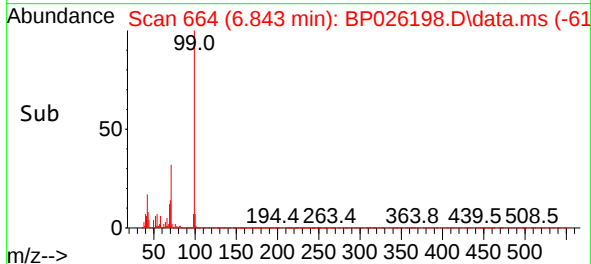
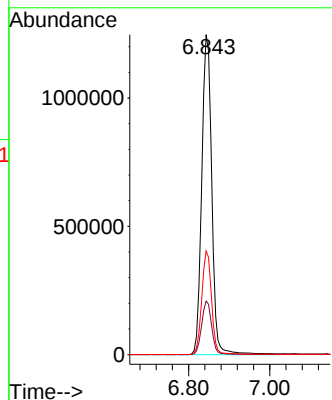
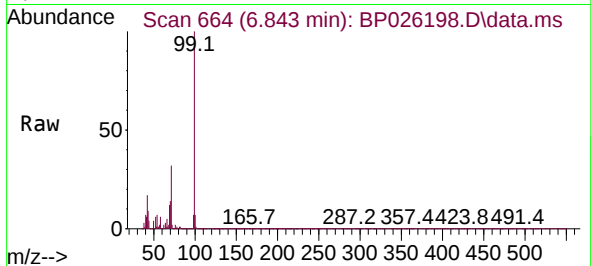




#7
Phenol-d6
Concen: 122.110 ng
RT: 6.843 min Scan# 60
Delta R.T. -0.011 min
Lab File: BP026198.D
Acq: 01 Dec 2025 14:50

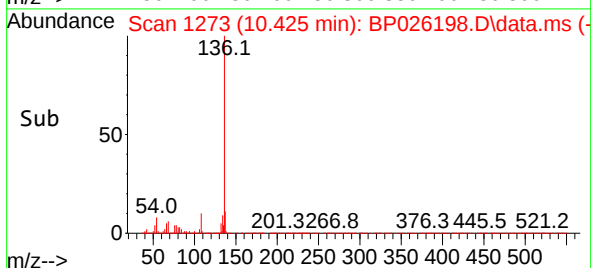
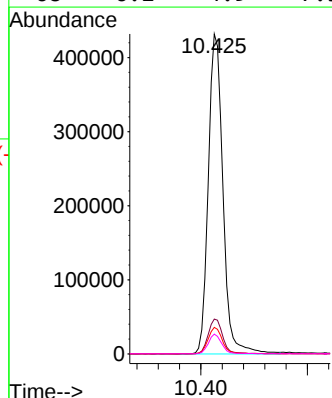
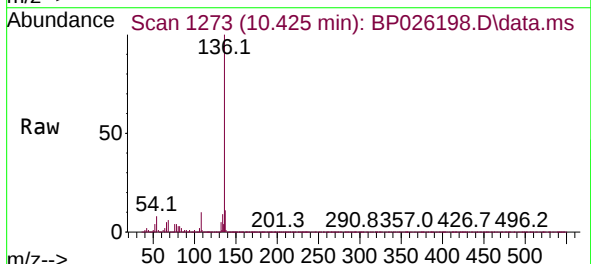
Instrument :
BNA_P
ClientSampleId :
PB170743BL

Tgt Ion: 99 Resp: 2135578
Ion Ratio Lower Upper
99 100
42 16.8 12.9 19.3
71 32.4 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.425 min Scan# 1273
Delta R.T. -0.023 min
Lab File: BP026198.D
Acq: 01 Dec 2025 14:50

Tgt Ion: 136 Resp: 824685
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.3 6.4 9.6
68 6.2 4.9 7.3

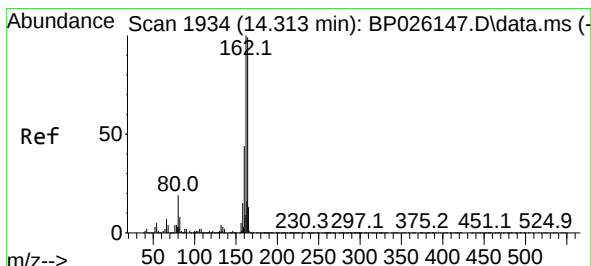
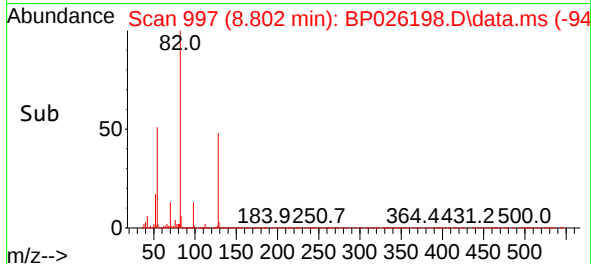
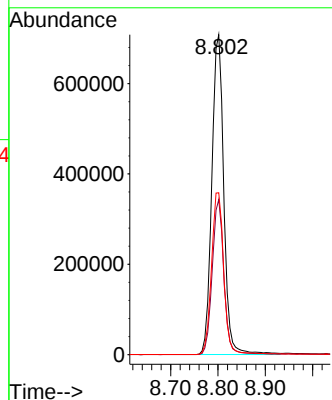
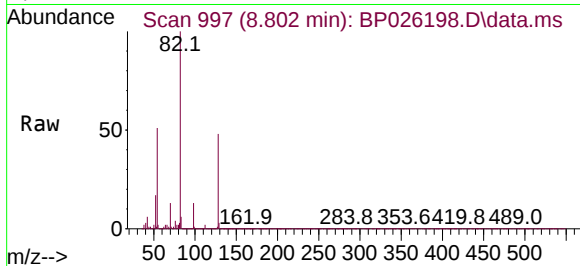




#23
Nitrobenzene-d5
Concen: 85.879 ng
RT: 8.802 min Scan# 999
Delta R.T. -0.011 min
Lab File: BP026198.D
Acq: 01 Dec 2025 14:50

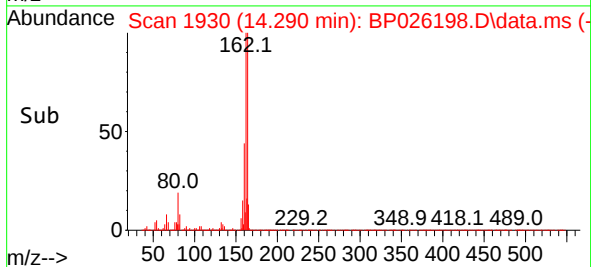
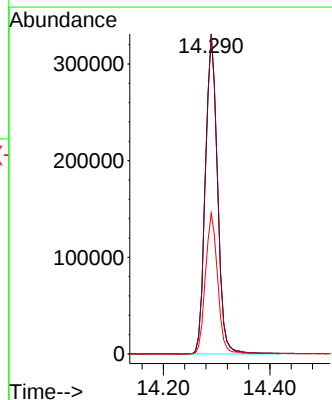
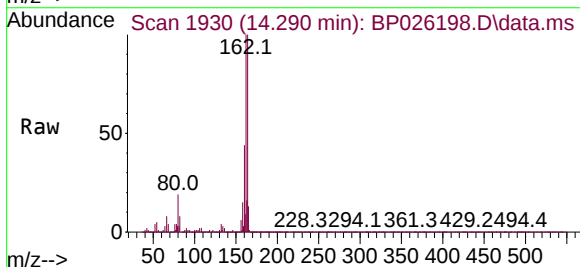
Instrument :
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ClientSampleId :
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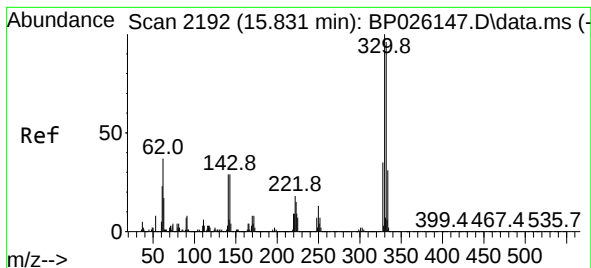
Tgt Ion: 82 Resp: 1246843
Ion Ratio Lower Upper
82 100
128 48.4 37.4 56.0
54 50.6 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.290 min Scan# 1930
Delta R.T. -0.035 min
Lab File: BP026198.D
Acq: 01 Dec 2025 14:50

Tgt Ion:164 Resp: 520010
Ion Ratio Lower Upper
164 100
162 100.2 80.3 120.5
160 44.0 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 131.976 ng

RT: 15.801 min Scan# 21

Delta R.T. -0.035 min

Lab File: BP026198.D

Acq: 01 Dec 2025 14:50

Instrument :

BNA_P

ClientSampleId :

PB170743BL

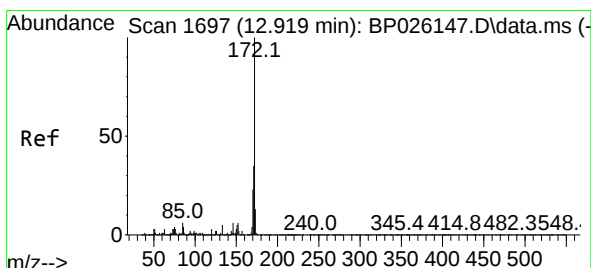
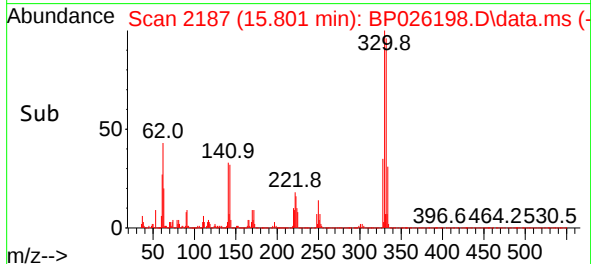
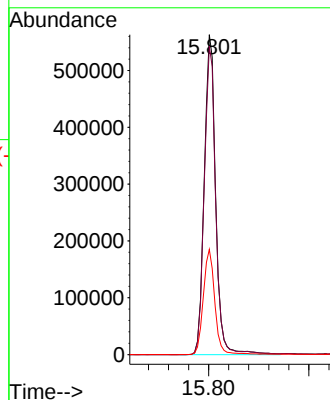
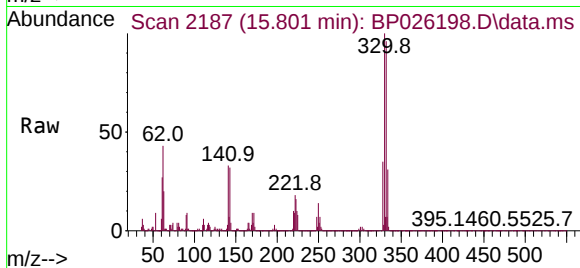
Tgt Ion:330 Resp: 890281

Ion Ratio Lower Upper

330 100

332 96.7 78.0 117.0

141 33.2 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 88.843 ng

RT: 12.902 min Scan# 1694

Delta R.T. -0.029 min

Lab File: BP026198.D

Acq: 01 Dec 2025 14:50

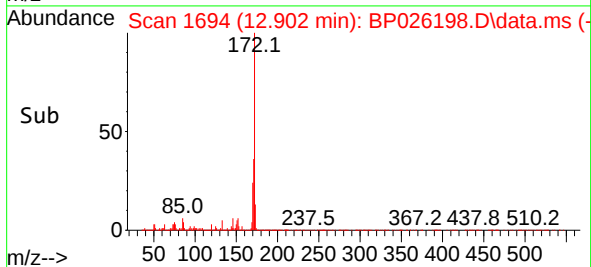
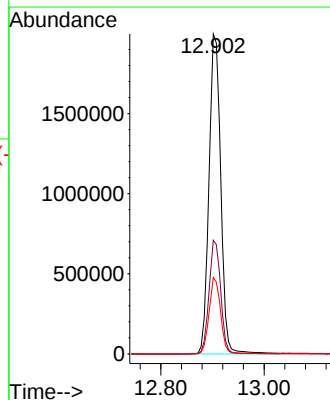
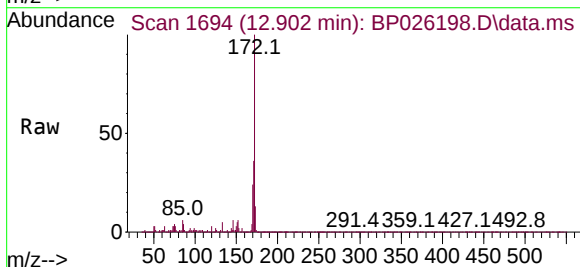
Tgt Ion:172 Resp: 3152249

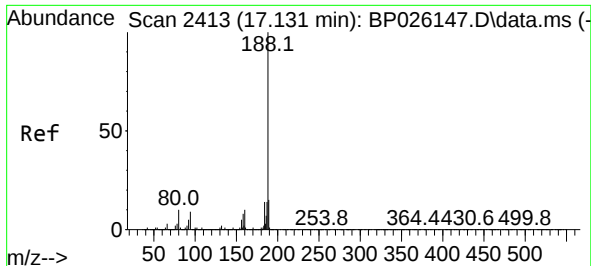
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

170 23.9 18.7 28.1

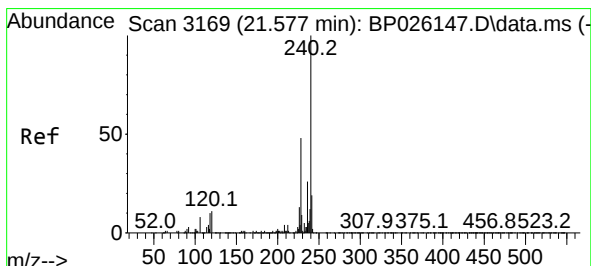
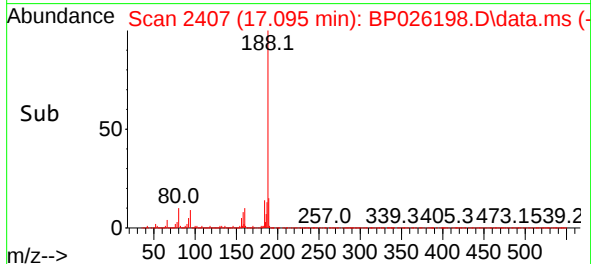
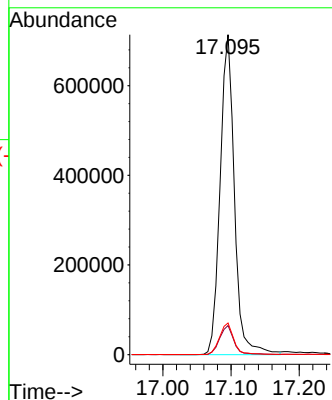
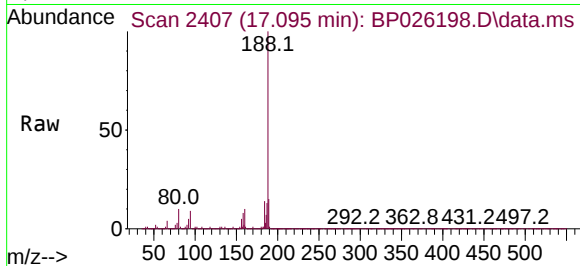




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.095 min Scan# 2413
Delta R.T. -0.035 min
Lab File: BP026198.D
Acq: 01 Dec 2025 14:50

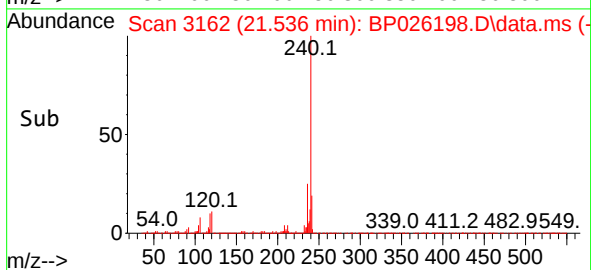
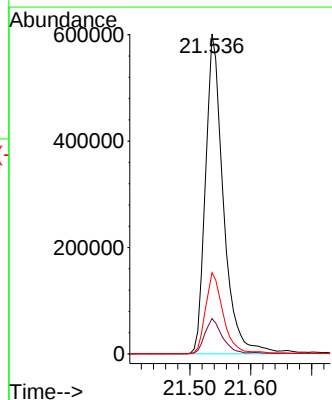
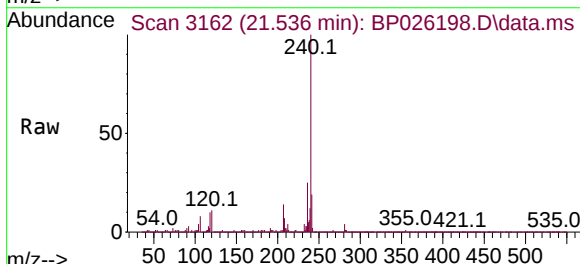
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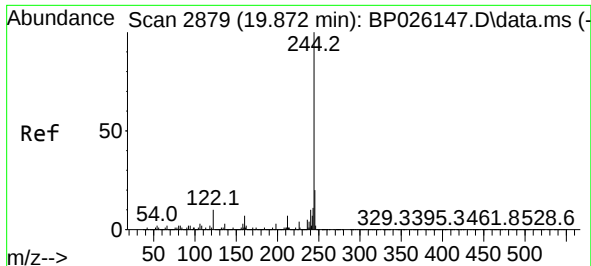
Tgt Ion:188 Resp: 1035745
Ion Ratio Lower Upper
188 100
94 9.1 7.8 11.6
80 9.9 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.035 min
Lab File: BP026198.D
Acq: 01 Dec 2025 14:50

Tgt Ion:240 Resp: 1225718
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.4
236 25.4 20.4 30.6

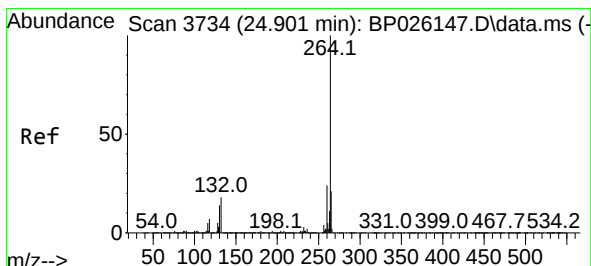
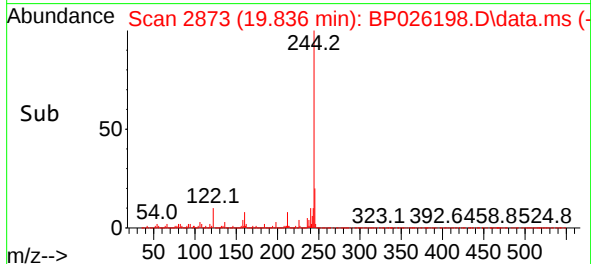
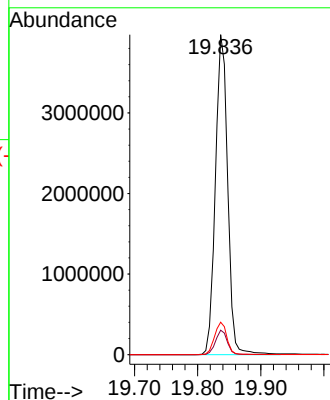
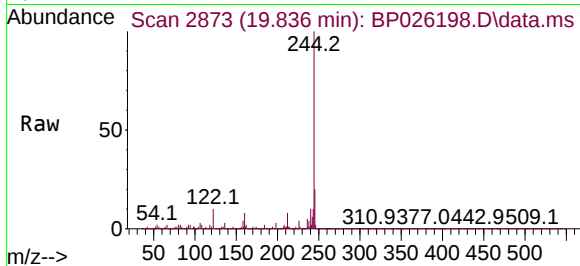




#79
 Terphenyl-d14
 Concen: 89.346 ng
 RT: 19.836 min Scan# 2879
 Delta R.T. -0.035 min
 Lab File: BP026198.D
 Acq: 01 Dec 2025 14:50

Instrument :
 BNA_P
 ClientSampleId :
 PB170743BL

Tgt Ion:244 Resp: 5370788
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 10.1 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.848 min Scan# 3725
 Delta R.T. -0.059 min
 Lab File: BP026198.D
 Acq: 01 Dec 2025 14:50

Tgt Ion:264 Resp: 1381845
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 22.1 17.5 26.3

