

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120925\
 Data File : BP026259.D
 Acq On : 09 Dec 2025 12:53
 Operator : RC/JU
 Sample : PB170865BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170865BL

Quant Time: Dec 09 13:12:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 05 14:52:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.655	152	140237	20.000	ng	0.00
21) Naphthalene-d8	10.413	136	530456	20.000	ng	0.00
39) Acenaphthene-d10	14.284	164	323504	20.000	ng	0.00
64) Phenanthrene-d10	17.083	188	642773	20.000	ng	-0.01
76) Chrysene-d12	21.524	240	726597	20.000	ng	-0.01
86) Perylene-d12	24.807	264	858597	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1188795	136.284	ng	0.00
7) Phenol-d6	6.837	99	1399702	127.122	ng	0.00
23) Nitrobenzene-d5	8.790	82	819260	87.910	ng	0.00
42) 2,4,6-Tribromophenol	15.795	330	591486	140.594	ng	-0.01
45) 2-Fluorobiphenyl	12.895	172	2056523	92.424	ng	0.00
79) Terphenyl-d14	19.824	244	3446784	96.958	ng	-0.01

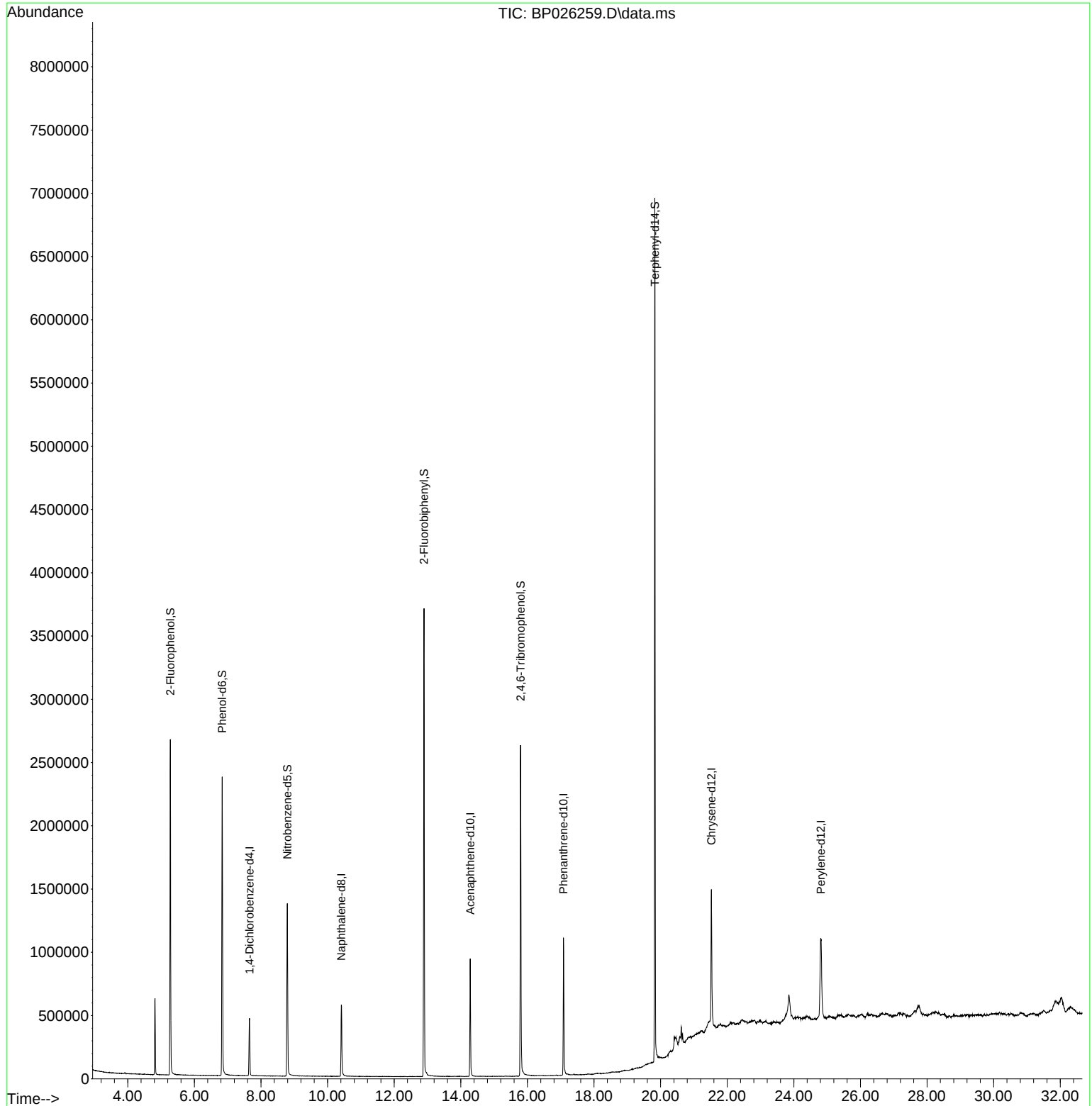
Target Compounds	Qvalue

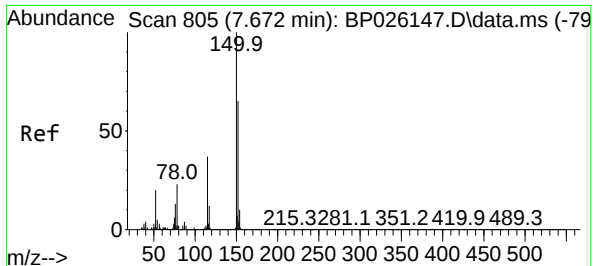
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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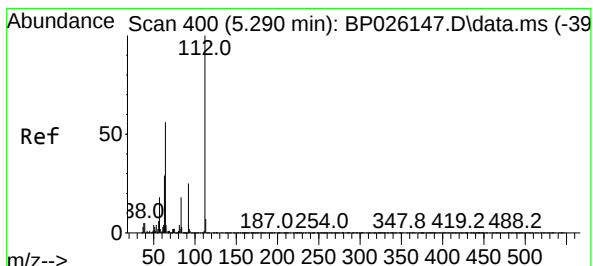
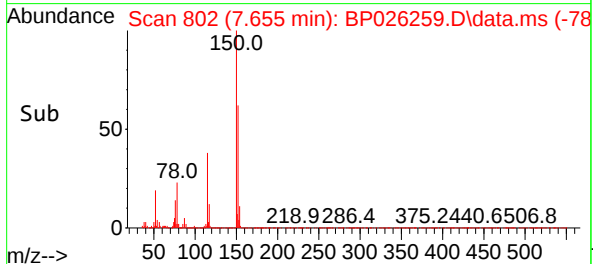
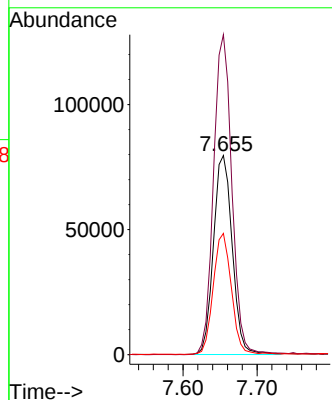
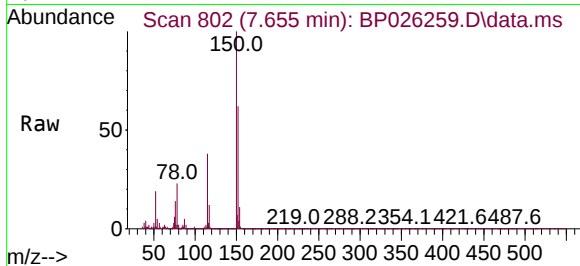




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.655 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP026259.D
Acq: 09 Dec 2025 12:53

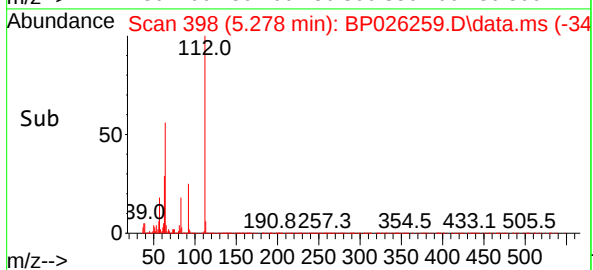
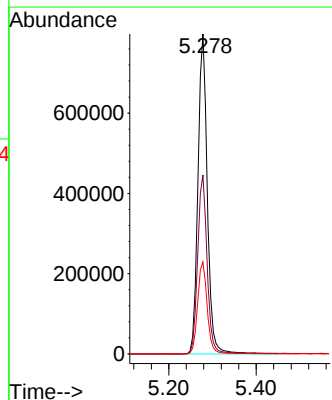
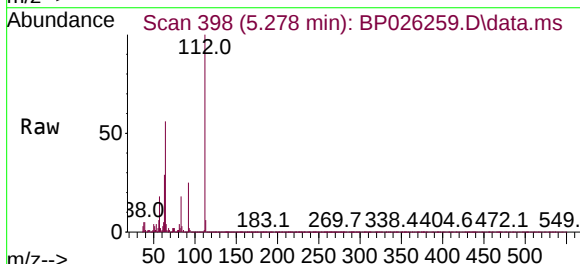
Instrument :
BNA_P
ClientSampleId :
PB170865BL

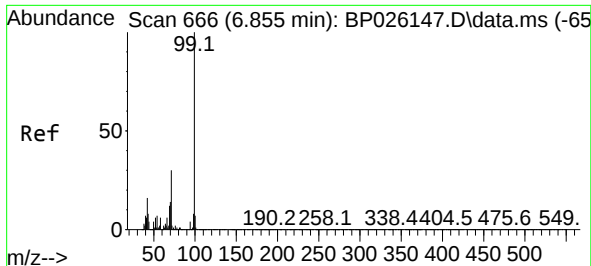
Tgt Ion:152 Resp: 140237
Ion Ratio Lower Upper
152 100
150 160.7 123.0 184.6
115 60.8 46.3 69.5



#5
2-Fluorophenol
Concen: 136.284 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.000 min
Lab File: BP026259.D
Acq: 09 Dec 2025 12:53

Tgt Ion:112 Resp: 1188795
Ion Ratio Lower Upper
112 100
64 55.9 45.8 68.6
63 28.8 23.5 35.3

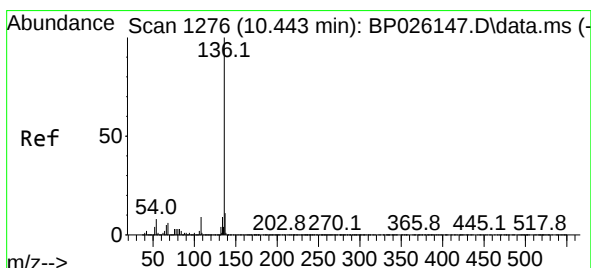
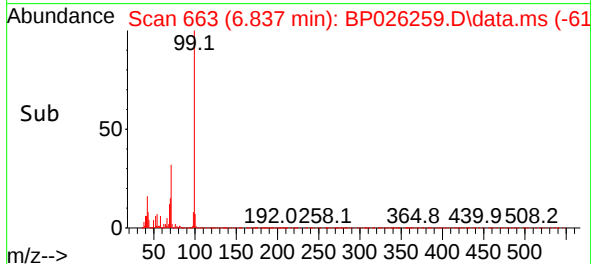
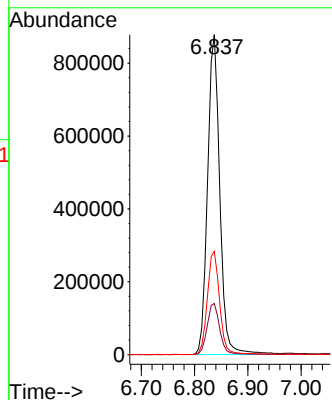
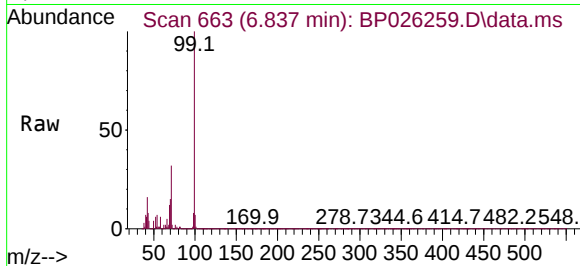




#7
Phenol-d6
Concen: 127.122 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP026259.D
Acq: 09 Dec 2025 12:53

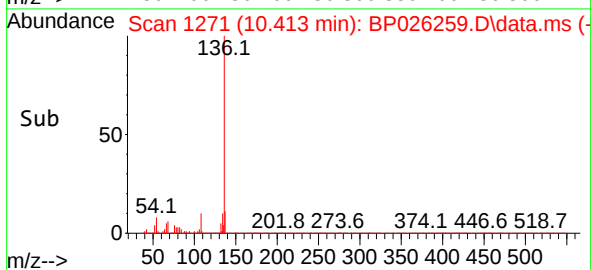
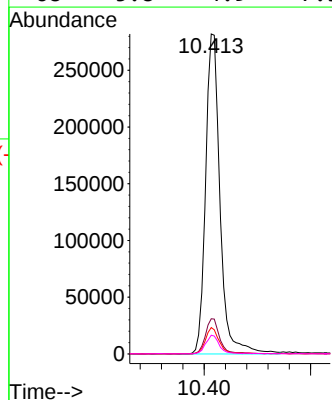
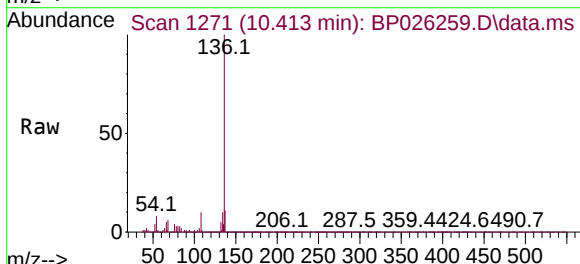
Instrument :
BNA_P
ClientSampleId :
PB170865BL

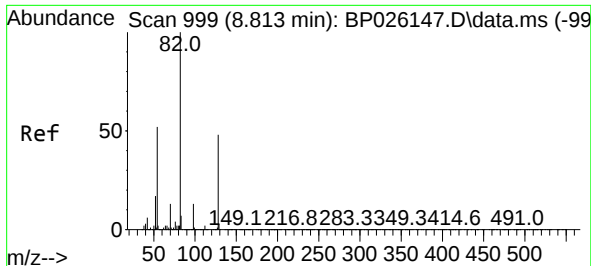
Tgt Ion: 99 Resp: 1399702
Ion Ratio Lower Upper
99 100
42 16.0 12.9 19.3
71 32.3 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.413 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BP026259.D
Acq: 09 Dec 2025 12:53

Tgt Ion: 136 Resp: 530456
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.2 6.4 9.6
68 5.8 4.9 7.3

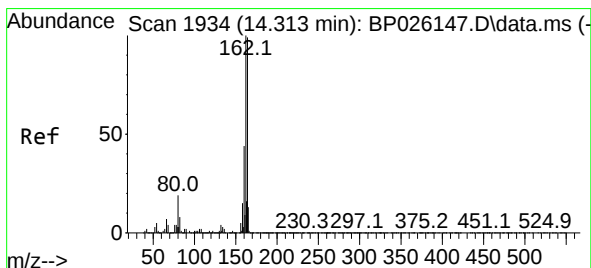
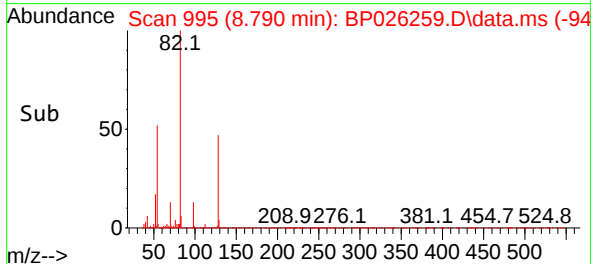
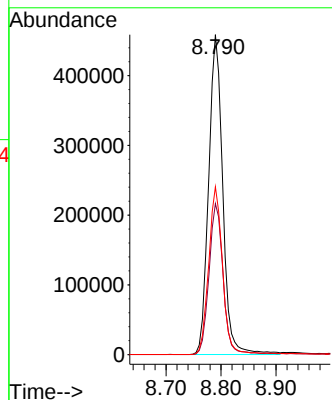
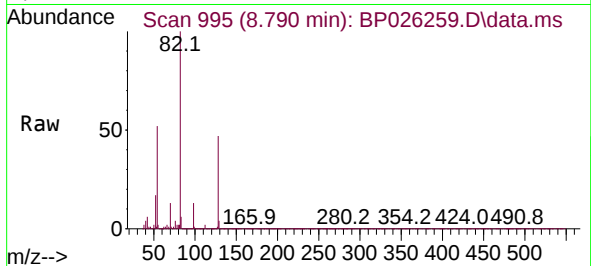




#23
Nitrobenzene-d5
Concen: 87.910 ng
RT: 8.790 min Scan# 999
Delta R.T. -0.000 min
Lab File: BP026259.D
Acq: 09 Dec 2025 12:53

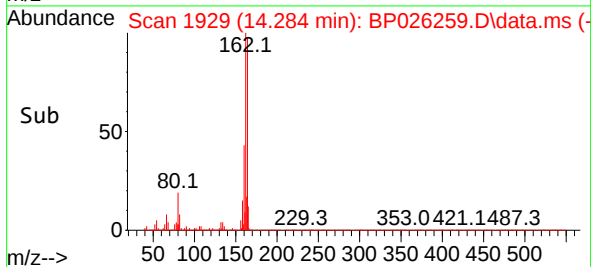
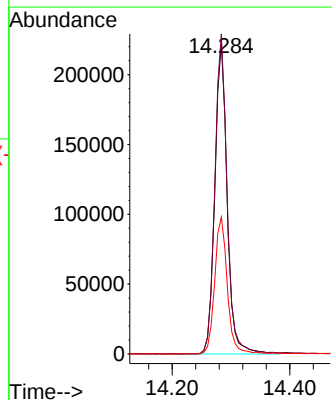
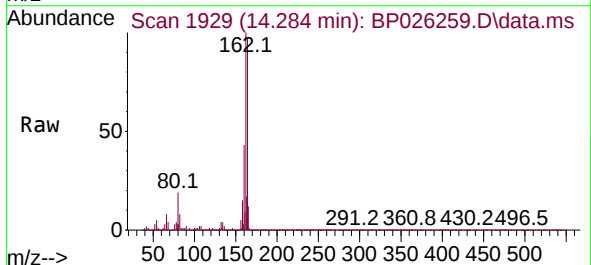
Instrument :
BNA_P
ClientSampleId :
PB170865BL

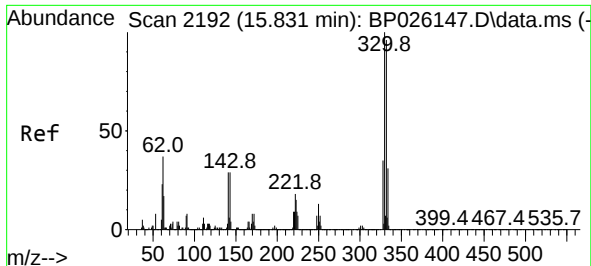
Tgt Ion: 82 Resp: 819260
Ion Ratio Lower Upper
82 100
128 47.2 37.4 56.0
54 52.4 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.284 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BP026259.D
Acq: 09 Dec 2025 12:53

Tgt Ion:164 Resp: 323504
Ion Ratio Lower Upper
164 100
162 103.2 80.3 120.5
160 44.1 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 140.594 ng

RT: 15.795 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP026259.D

Acq: 09 Dec 2025 12:53

Instrument :

BNA_P

ClientSampleId :

PB170865BL

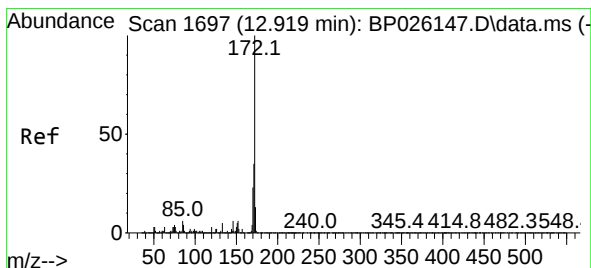
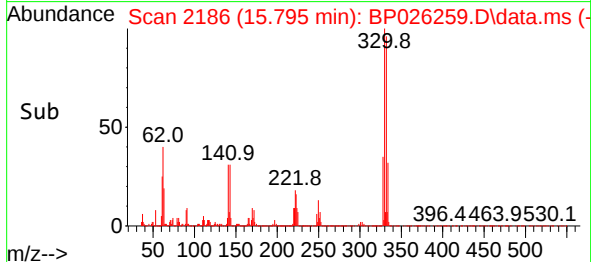
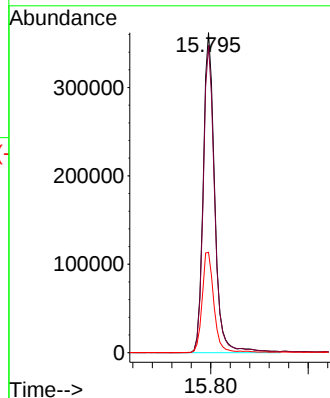
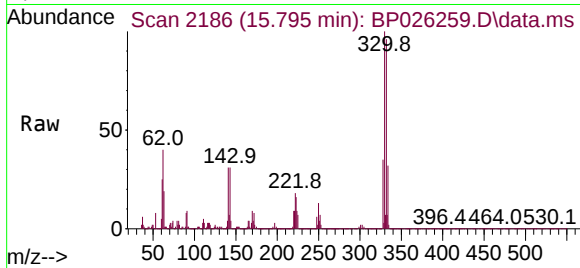
Tgt Ion:330 Resp: 591486

Ion Ratio Lower Upper

330 100

332 95.9 78.0 117.0

141 31.7 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 92.424 ng

RT: 12.895 min Scan# 1693

Delta R.T. -0.006 min

Lab File: BP026259.D

Acq: 09 Dec 2025 12:53

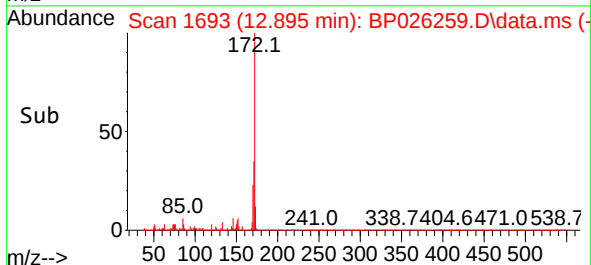
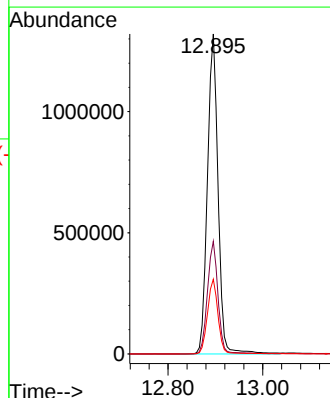
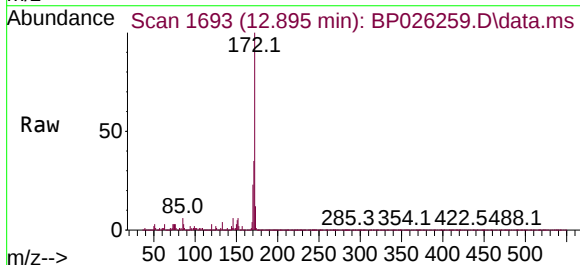
Tgt Ion:172 Resp: 2056523

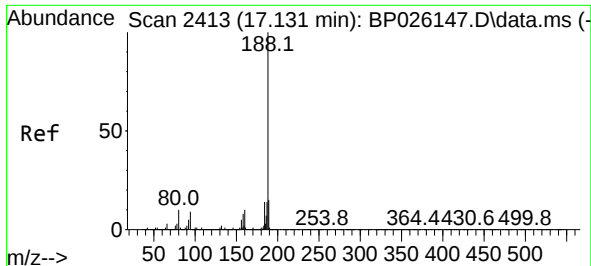
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.3 18.7 28.1

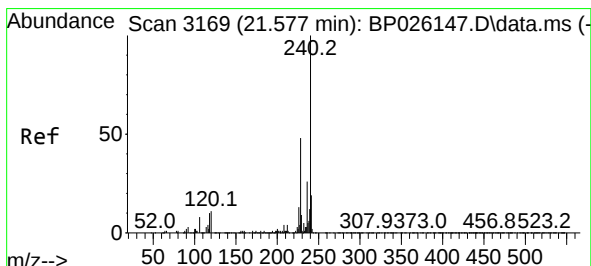
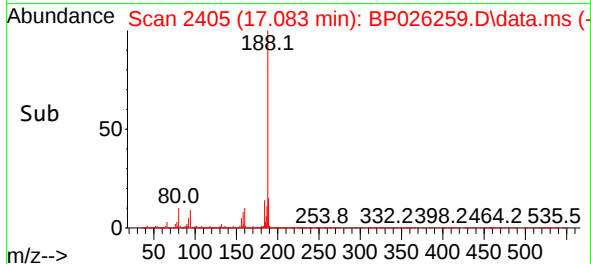
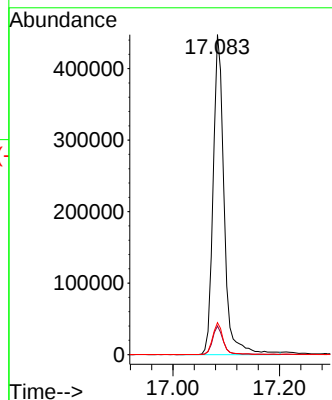
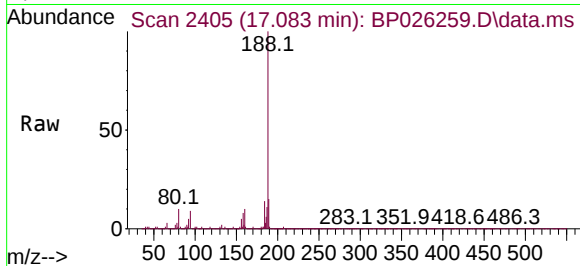




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.083 min Scan# 2413
Delta R.T. -0.012 min
Lab File: BP026259.D
Acq: 09 Dec 2025 12:53

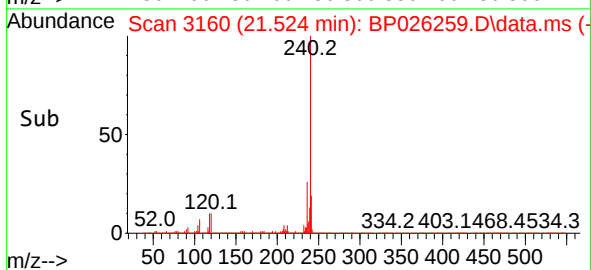
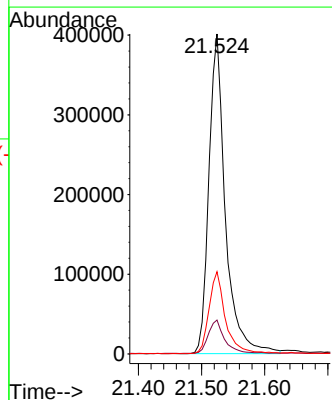
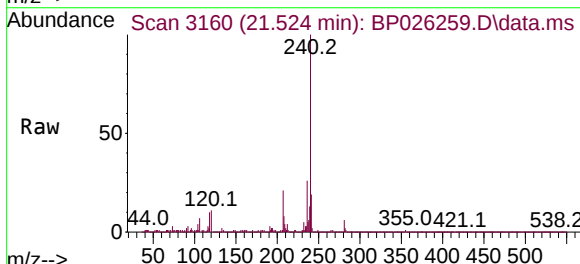
Instrument :
BNA_P
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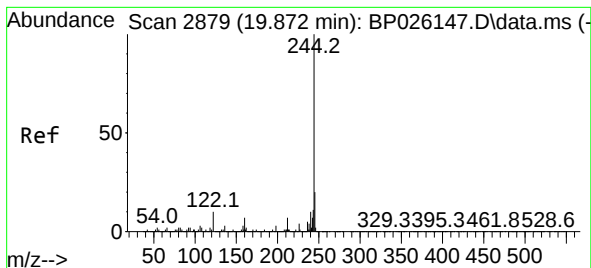
Tgt Ion:188 Resp: 642773
Ion Ratio Lower Upper
188 100
94 8.9 7.8 11.6
80 10.0 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.524 min Scan# 3160
Delta R.T. -0.012 min
Lab File: BP026259.D
Acq: 09 Dec 2025 12:53

Tgt Ion:240 Resp: 726597
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.4
236 25.7 20.4 30.6





#79

Terphenyl-d14

Concen: 96.958 ng

RT: 19.824 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP026259.D

Acq: 09 Dec 2025 12:53

Instrument :

BNA_P

ClientSampleId :

PB170865BL

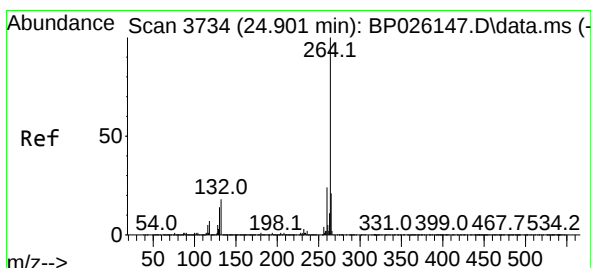
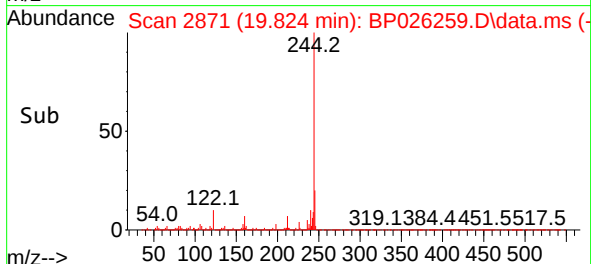
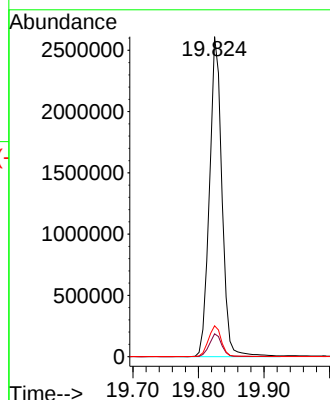
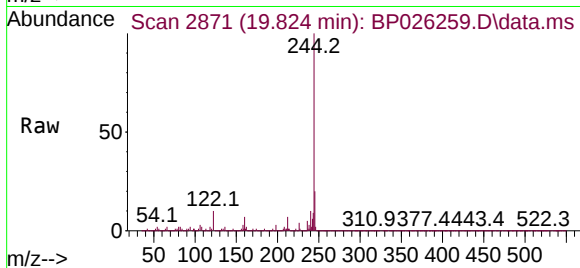
Tgt Ion:244 Resp: 3446784

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 9.7 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.807 min Scan# 3718

Delta R.T. -0.018 min

Lab File: BP026259.D

Acq: 09 Dec 2025 12:53

Tgt Ion:264 Resp: 858597

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 22.6 17.5 26.3

