

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121225\
 Data File : BP026312.D
 Acq On : 12 Dec 2025 14:56
 Operator : RC/JU
 Sample : Q3846-01 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BU-02-12112025

Quant Time: Dec 12 15:15:50 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)

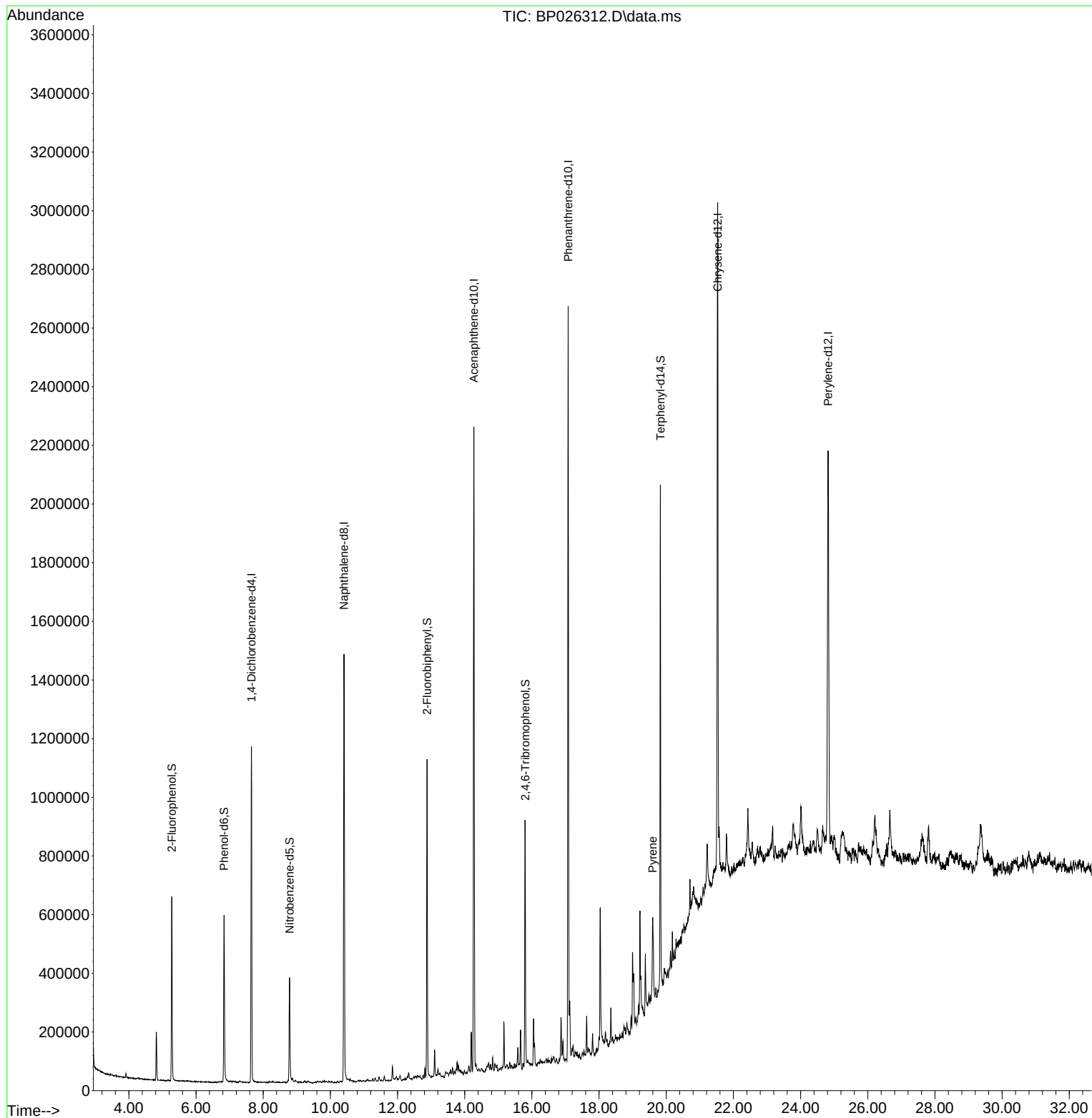
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	319968	20.000	ng	0.00
21) Naphthalene-d8	10.407	136	1310237	20.000	ng	-0.01
39) Acenaphthene-d10	14.272	164	837315	20.000	ng	-0.02
64) Phenanthrene-d10	17.078	188	1648007	20.000	ng	-0.02
76) Chrysene-d12	21.530	240	1451366	20.000	ng	0.00
86) Perylene-d12	24.818	264	1442207	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	298840	15.015	ng	0.00
7) Phenol-d6	6.837	99	367086	14.612	ng	0.00
23) Nitrobenzene-d5	8.784	82	214234	9.307	ng	0.00
42) 2,4,6-Tribromophenol	15.801	330	172099	15.805	ng	0.00
45) 2-Fluorobiphenyl	12.878	172	578532	10.045	ng	-0.02
79) Terphenyl-d14	19.825	244	839300	11.820	ng	-0.01
Target Compounds						
78) Pyrene	19.595	202	195021	2.062	ng	Qvalue 98

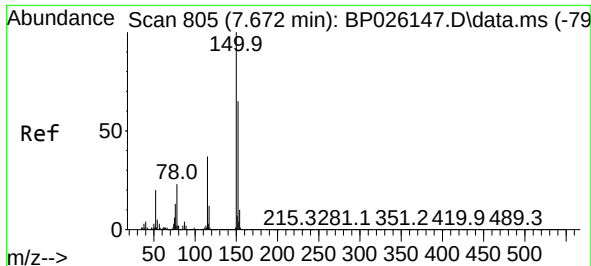
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121225\
Data File : BP026312.D
Acq On : 12 Dec 2025 14:56
Operator : RC/JU
Sample : Q3846-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BU-02-12112025

Quant Time: Dec 12 15:15:50 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

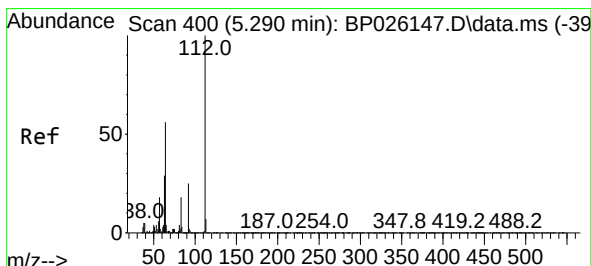
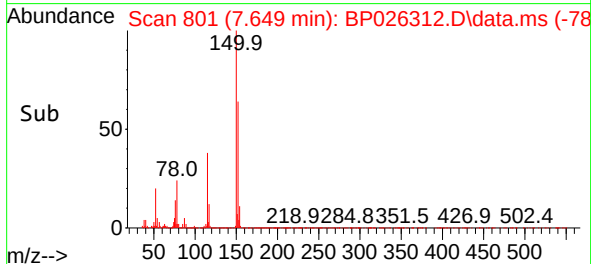
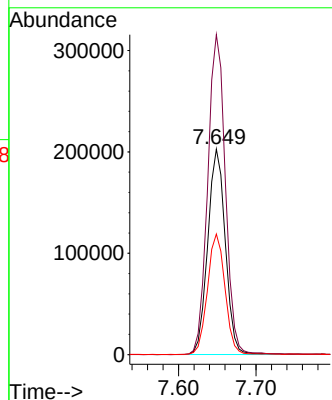
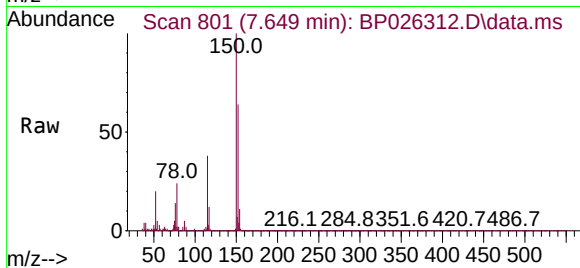




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.649 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BP026312.D
 Acq: 12 Dec 2025 14:56

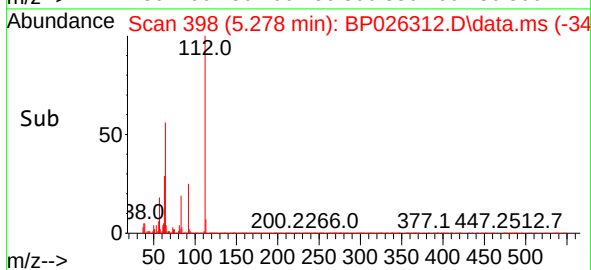
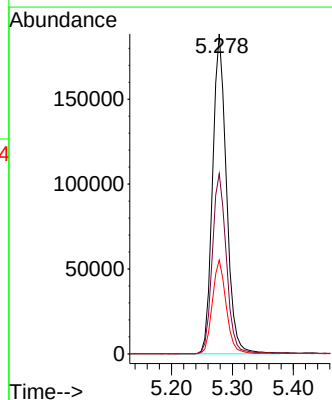
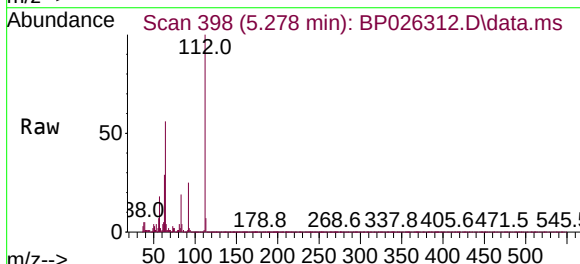
Instrument :
 BNA_P
 ClientSampleId :
 BU-02-12112025

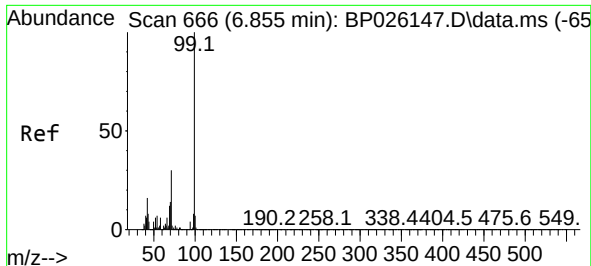
Tgt Ion:152 Resp: 319968
 Ion Ratio Lower Upper
 152 100
 150 155.7 123.0 184.6
 115 58.6 46.3 69.5



#5
 2-Fluorophenol
 Concen: 15.015 ng
 RT: 5.278 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: BP026312.D
 Acq: 12 Dec 2025 14:56

Tgt Ion:112 Resp: 298840
 Ion Ratio Lower Upper
 112 100
 64 56.3 45.8 68.6
 63 29.3 23.5 35.3

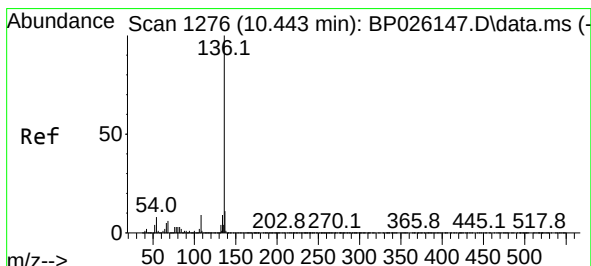
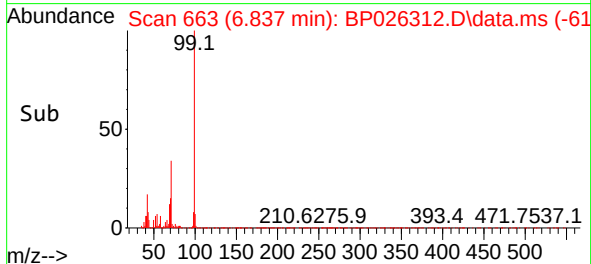
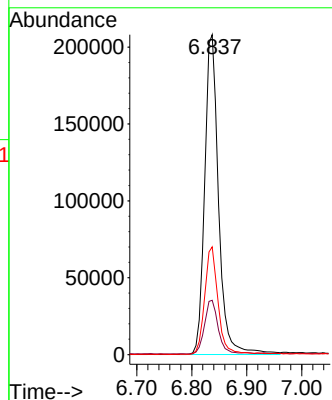
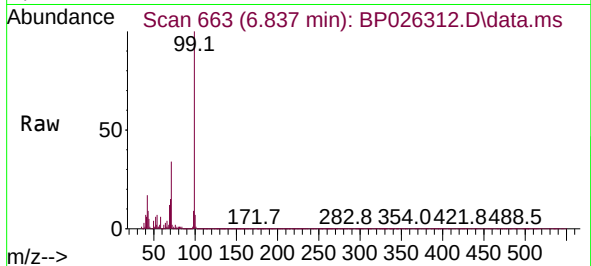




#7
Phenol-d6
Concen: 14.612 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP026312.D
Acq: 12 Dec 2025 14:56

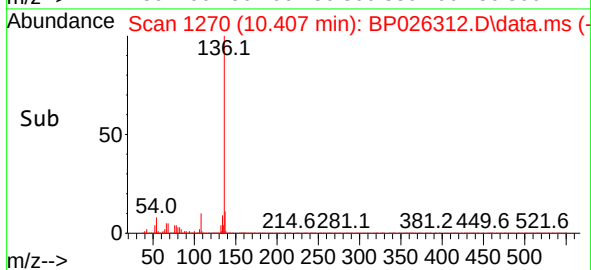
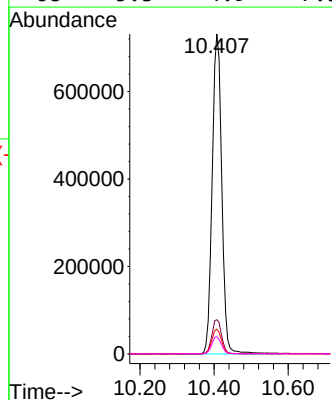
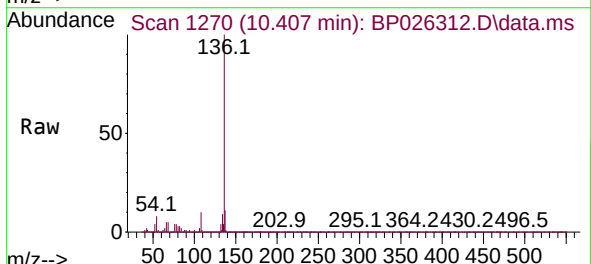
Instrument :
BNA_P
ClientSampleId :
BU-02-12112025

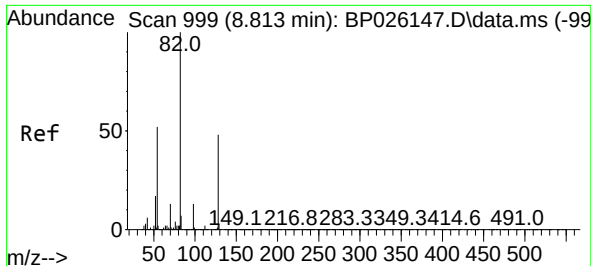
Tgt Ion: 99 Resp: 367086
Ion Ratio Lower Upper
99 100
42 17.0 12.9 19.3
71 33.7 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.407 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BP026312.D
Acq: 12 Dec 2025 14:56

Tgt Ion: 136 Resp: 1310237
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.7 6.4 9.6
68 5.3 4.9 7.3

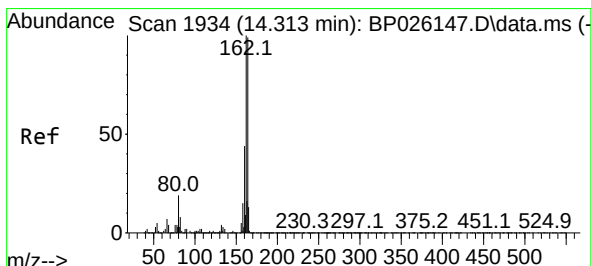
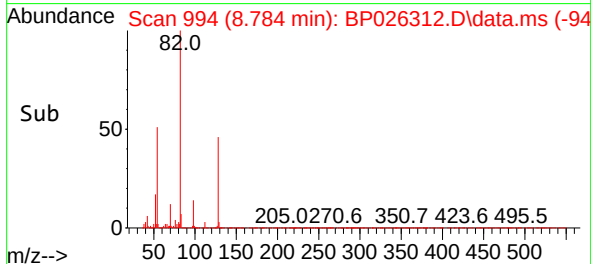
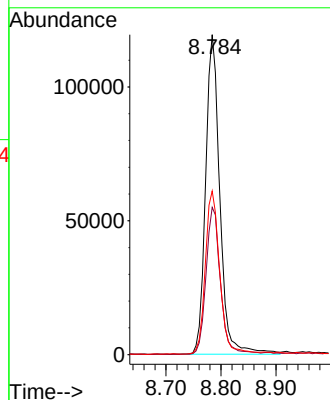
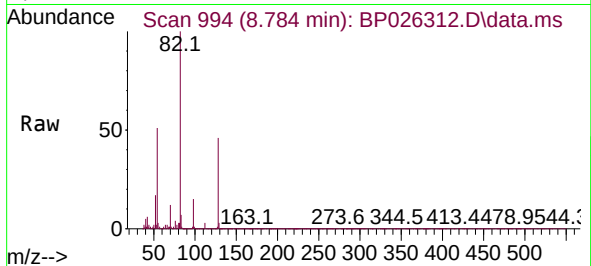




#23
Nitrobenzene-d5
Concen: 9.307 ng
RT: 8.784 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP026312.D
Acq: 12 Dec 2025 14:56

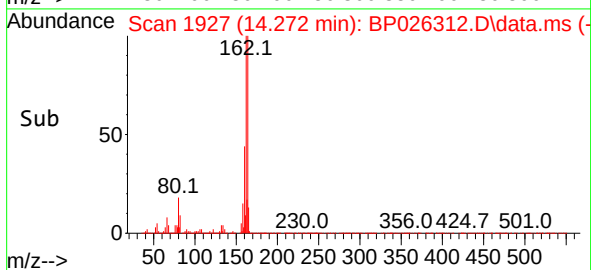
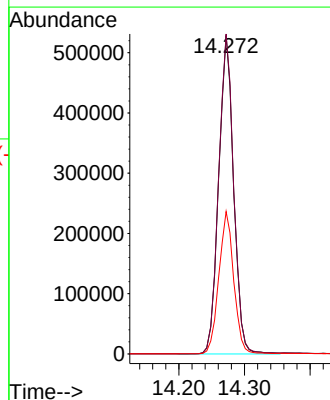
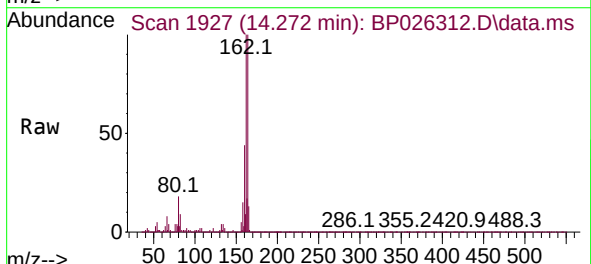
Instrument :
BNA_P
ClientSampleId :
BU-02-12112025

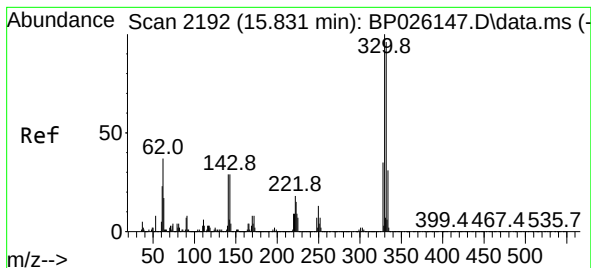
Tgt Ion: 82 Resp: 214234
Ion Ratio Lower Upper
82 100
128 46.0 37.4 56.0
54 51.1 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.272 min Scan# 1927
Delta R.T. -0.018 min
Lab File: BP026312.D
Acq: 12 Dec 2025 14:56

Tgt Ion:164 Resp: 837315
Ion Ratio Lower Upper
164 100
162 100.5 80.3 120.5
160 44.7 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 15.805 ng

RT: 15.801 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP026312.D

Acq: 12 Dec 2025 14:56

Instrument :

BNA_P

ClientSampleId :

BU-02-12112025

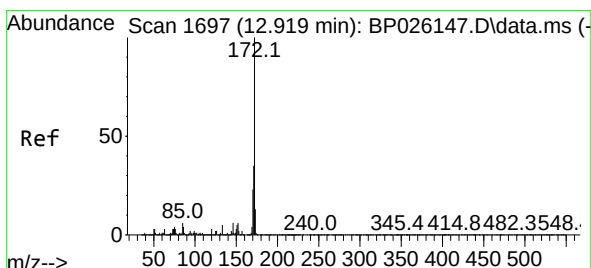
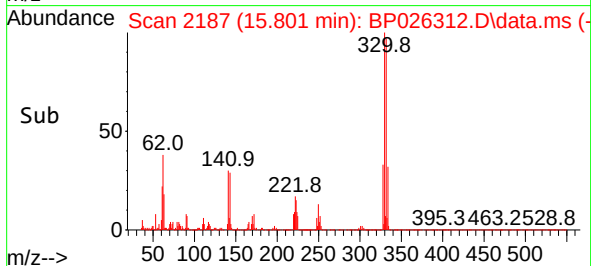
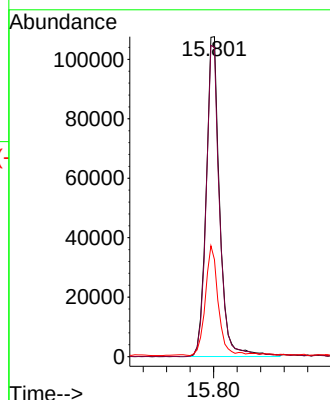
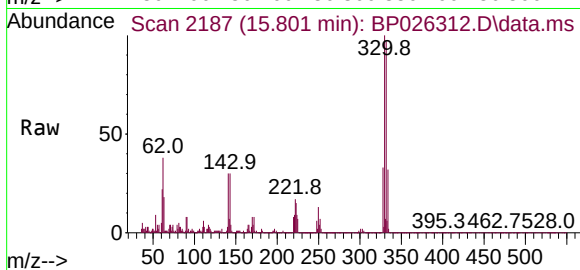
Tgt Ion:330 Resp: 172099

Ion Ratio Lower Upper

330 100

332 96.5 78.0 117.0

141 32.5 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 10.045 ng

RT: 12.878 min Scan# 1690

Delta R.T. -0.024 min

Lab File: BP026312.D

Acq: 12 Dec 2025 14:56

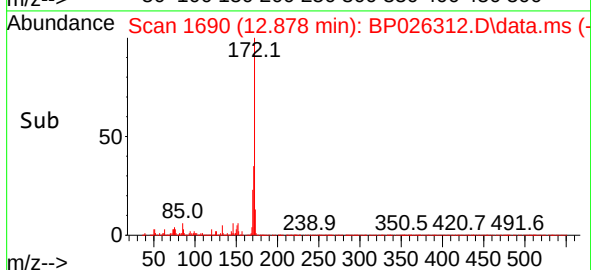
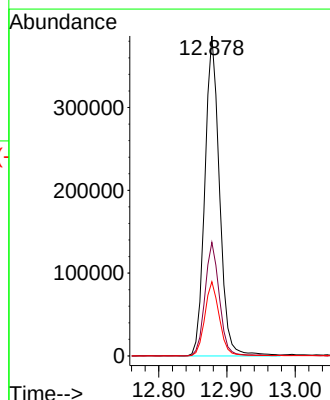
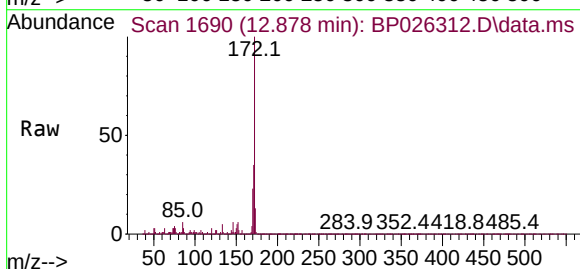
Tgt Ion:172 Resp: 578532

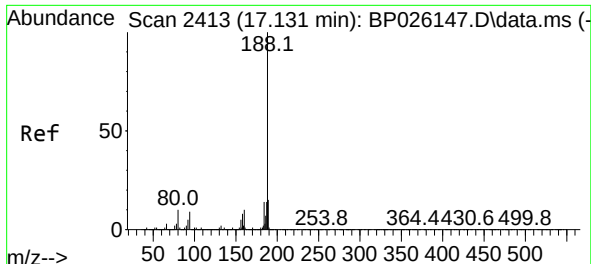
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

170 23.2 18.7 28.1

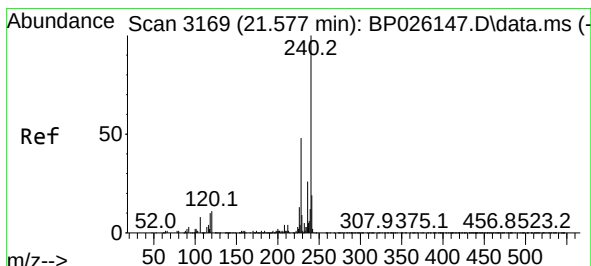
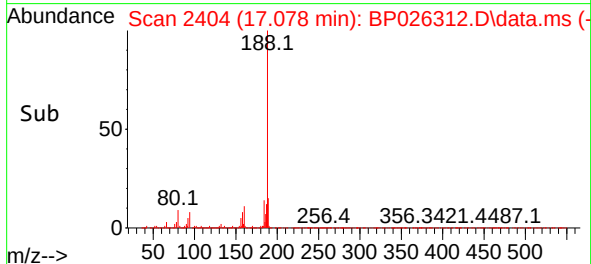
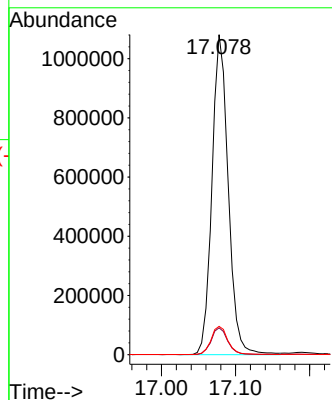
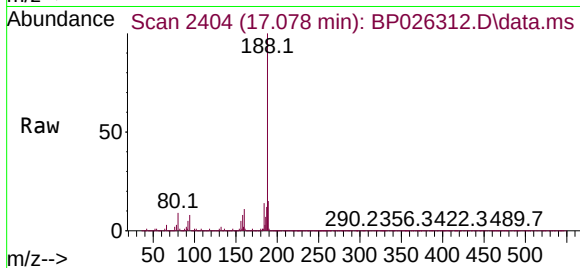




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.078 min Scan# 2413
Delta R.T. -0.018 min
Lab File: BP026312.D
Acq: 12 Dec 2025 14:56

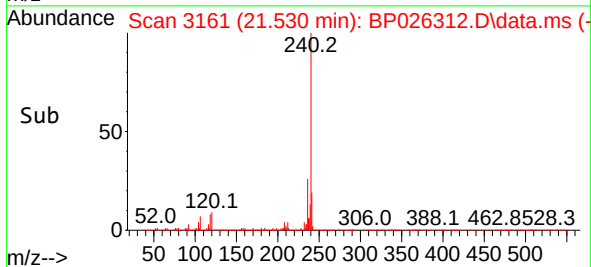
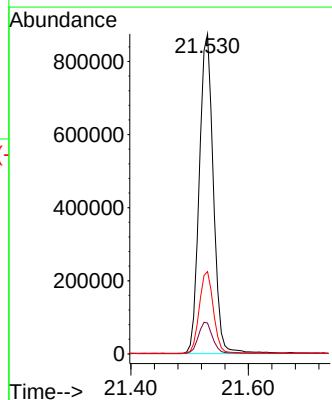
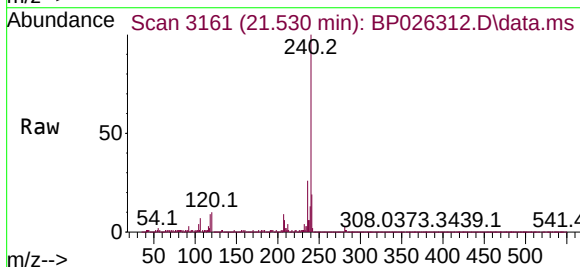
Instrument :
BNA_P
ClientSampleId :
BU-02-12112025

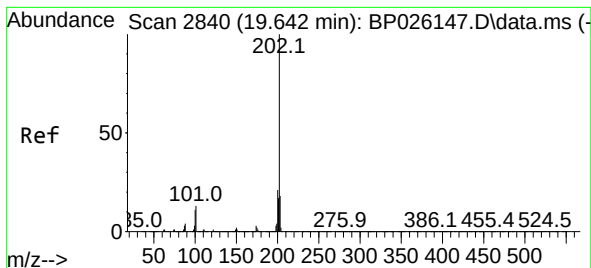
Tgt Ion:188 Resp: 1648007
Ion Ratio Lower Upper
188 100
94 8.4 7.8 11.6
80 8.8 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BP026312.D
Acq: 12 Dec 2025 14:56

Tgt Ion:240 Resp: 1451366
Ion Ratio Lower Upper
240 100
120 9.6 9.0 13.4
236 25.7 20.4 30.6





#78

Pyrene

Concen: 2.062 ng

RT: 19.595 min Scan# 2832

Delta R.T. -0.018 min

Lab File: BP026312.D

Acq: 12 Dec 2025 14:56

Instrument :

BNA_P

ClientSampleId :

BU-02-12112025

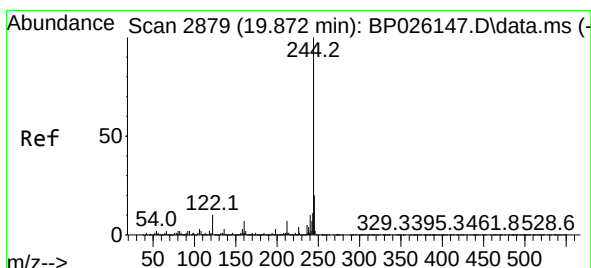
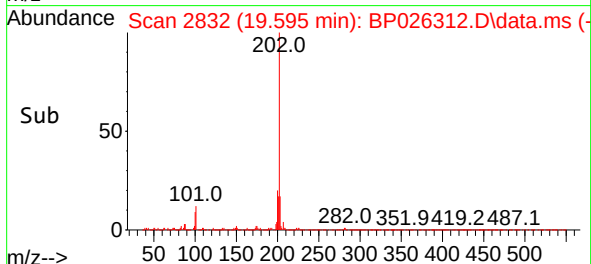
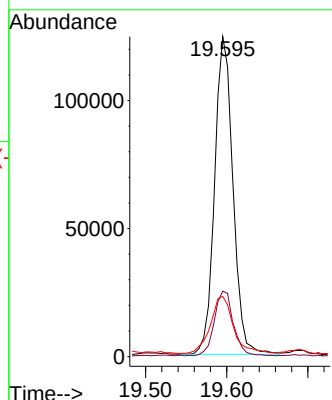
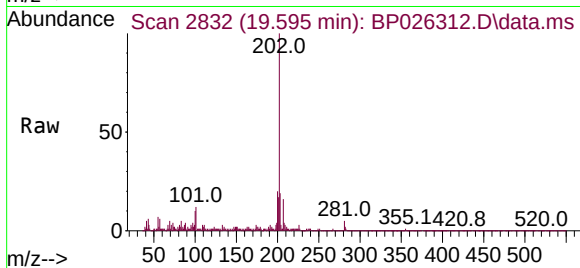
Tgt Ion:202 Resp: 195021

Ion Ratio Lower Upper

202 100

200 20.4 16.9 25.3

203 18.8 13.8 20.8



#79

Terphenyl-d14

Concen: 11.820 ng

RT: 19.825 min Scan# 2871

Delta R.T. -0.012 min

Lab File: BP026312.D

Acq: 12 Dec 2025 14:56

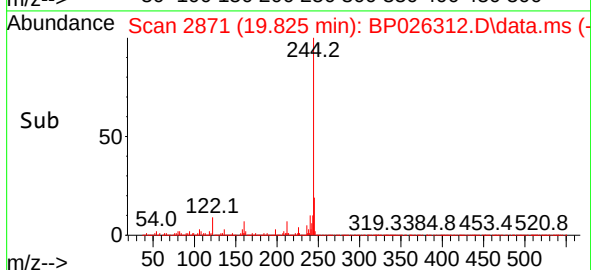
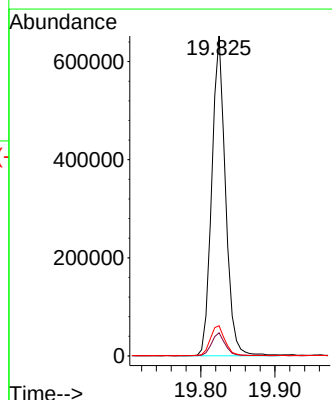
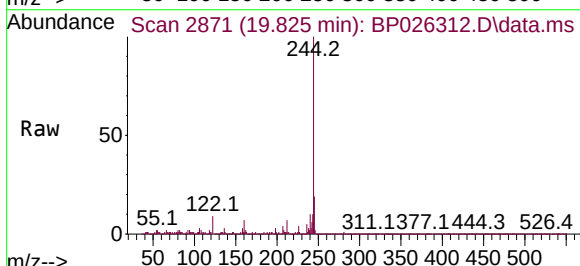
Tgt Ion:244 Resp: 839300

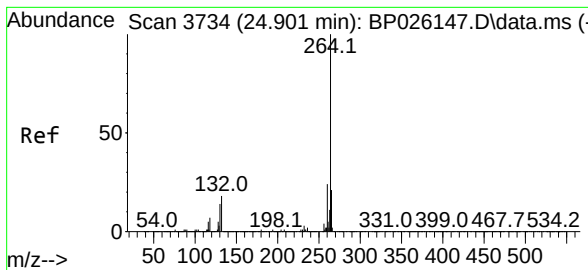
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 9.4 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.818 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP026312.D
Acq: 12 Dec 2025 14:56

Instrument :
BNA_P
ClientSampleId :
BU-02-12112025

Tgt Ion:264 Resp: 1442207

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.6	17.5	26.3

