

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121025\
Data File : BP026280.D
Acq On : 10 Dec 2025 17:52
Operator : RC/JU
Sample : Q3814-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

Quant Time: Dec 11 03:06:49 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	214037	20.000	ng	0.00
21) Naphthalene-d8	10.413	136	827861	20.000	ng	0.00
39) Acenaphthene-d10	14.284	164	531501	20.000	ng	0.00
64) Phenanthrene-d10	17.101	188	1085532	20.000	ng	0.00
76) Chrysene-d12	21.536	240	1216551	20.000	ng	0.00
86) Perylene-d12	24.842	264	1407831	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	892037	67.003	ng	0.00
7) Phenol-d6	6.837	99	1065282	63.390	ng	0.00
23) Nitrobenzene-d5	8.784	82	621731	42.748	ng	0.00
42) 2,4,6-Tribromophenol	15.807	330	491811	71.153	ng	0.00
45) 2-Fluorobiphenyl	12.890	172	1525266	41.723	ng	-0.01
79) Terphenyl-d14	19.836	244	2461810	41.361	ng	0.00

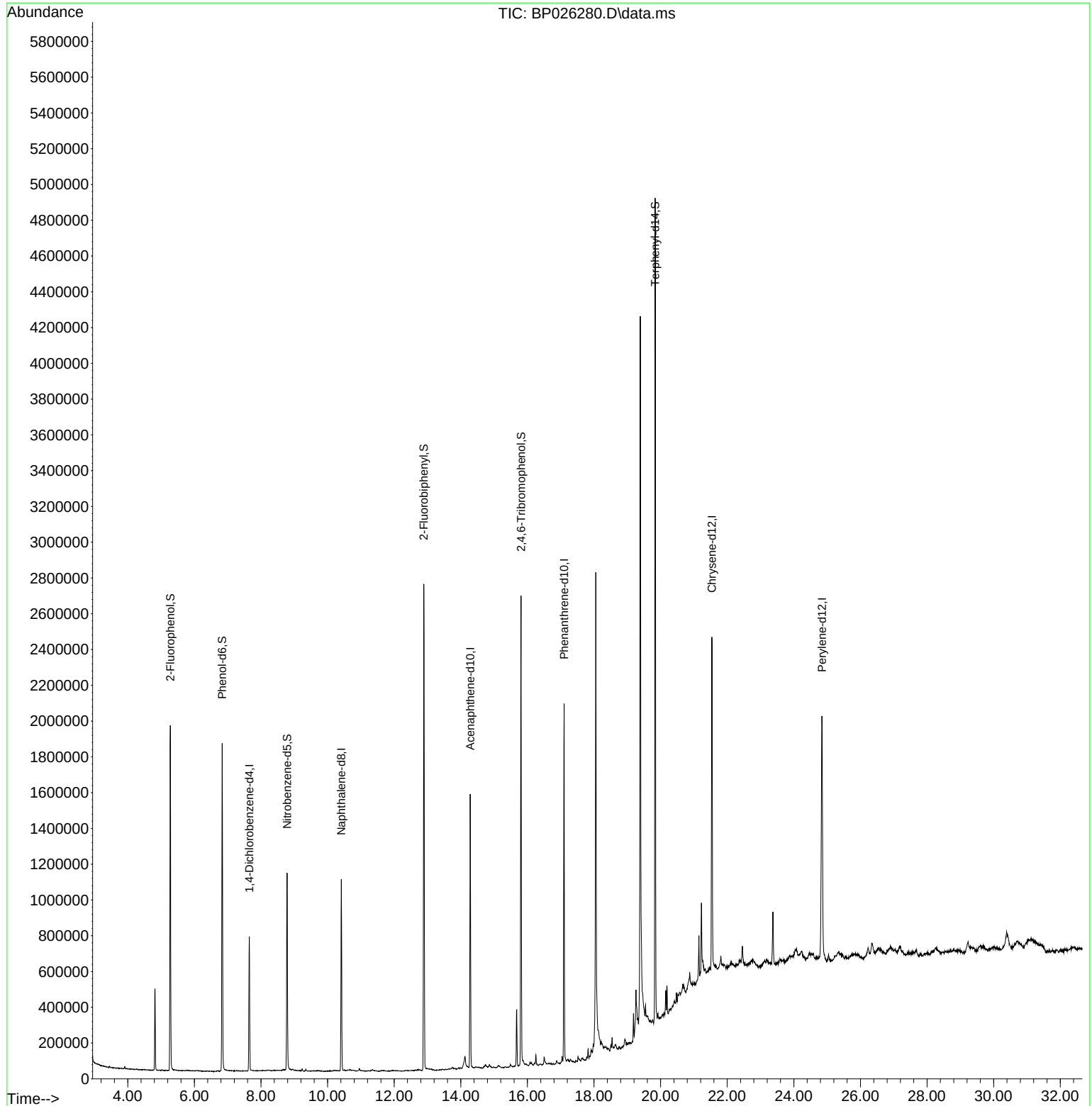
Target Compounds	Qvalue

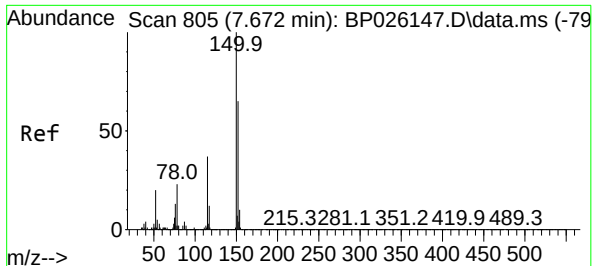
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121025\
Data File : BP026280.D
Acq On : 10 Dec 2025 17:52
Operator : RC/JU
Sample : Q3814-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

Quant Time: Dec 11 03:06:49 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

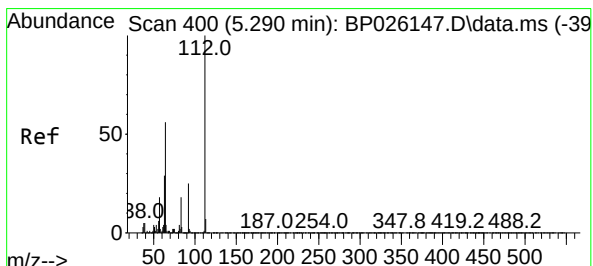
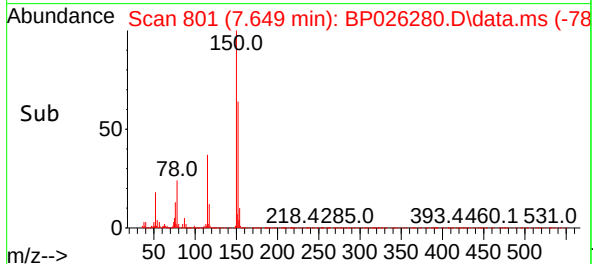
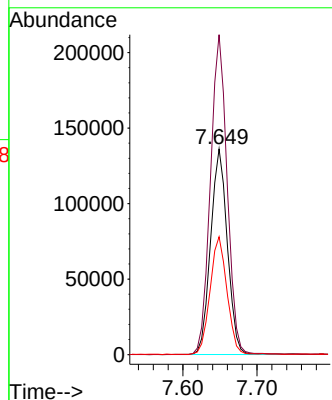
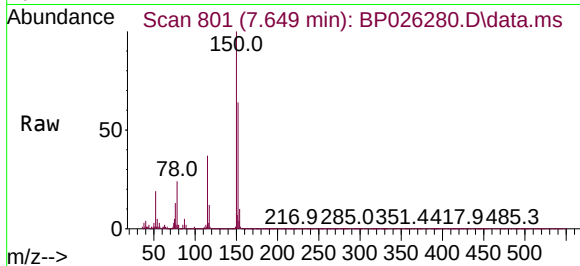




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.649 min Scan# 805
 Delta R.T. -0.006 min
 Lab File: BP026280.D
 Acq: 10 Dec 2025 17:52

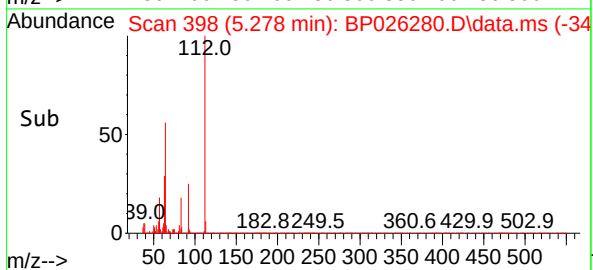
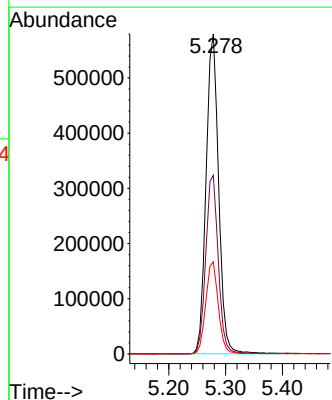
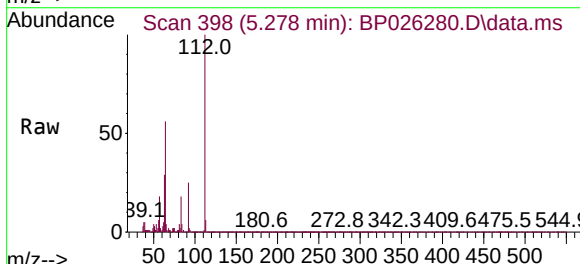
Instrument :
 BNA_P
 ClientSampleId :
 TP-4

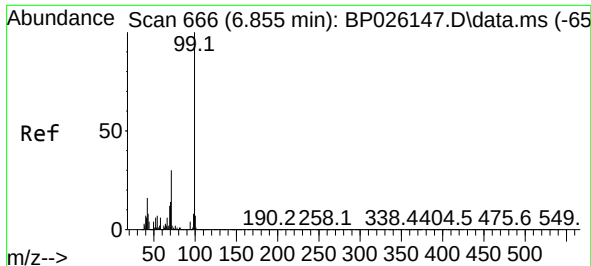
Tgt Ion:152 Resp: 214037
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.0 184.6
 115 57.2 46.3 69.5



#5
 2-Fluorophenol
 Concen: 67.003 ng
 RT: 5.278 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: BP026280.D
 Acq: 10 Dec 2025 17:52

Tgt Ion:112 Resp: 892037
 Ion Ratio Lower Upper
 112 100
 64 55.8 45.8 68.6
 63 28.8 23.5 35.3

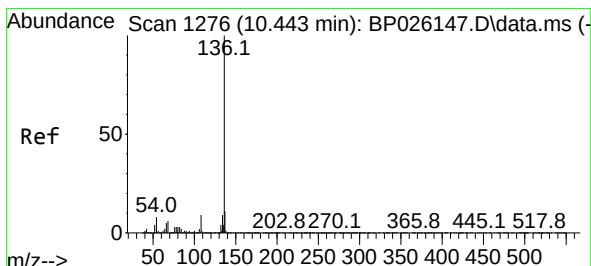
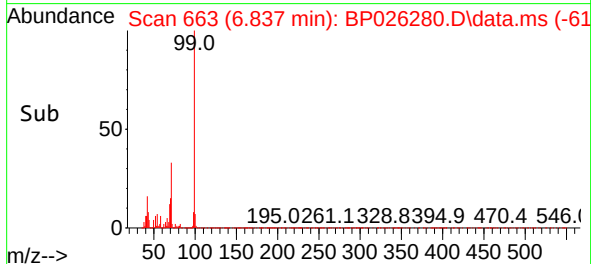
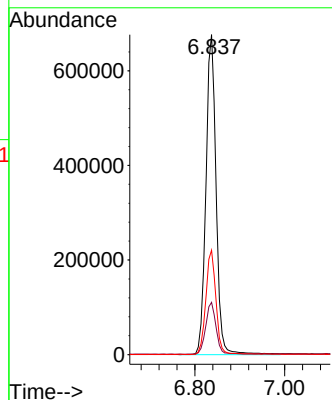
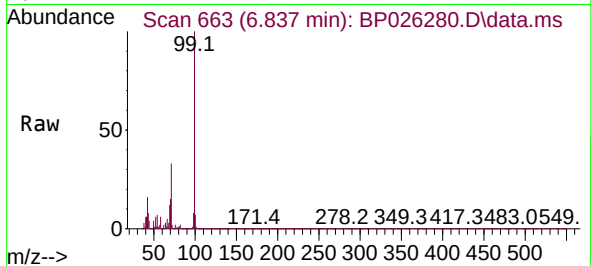




#7
Phenol-d6
Concen: 63.390 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP026280.D
Acq: 10 Dec 2025 17:52

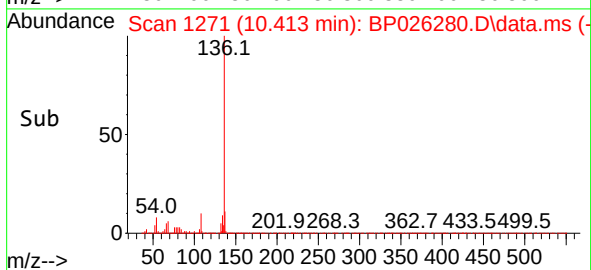
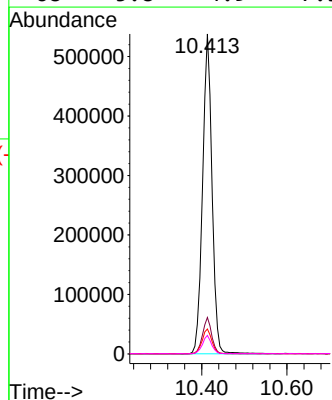
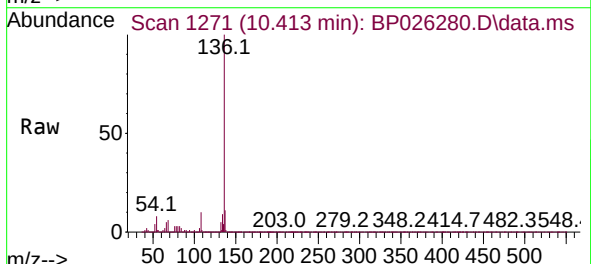
Instrument :
BNA_P
ClientSampleId :
TP-4

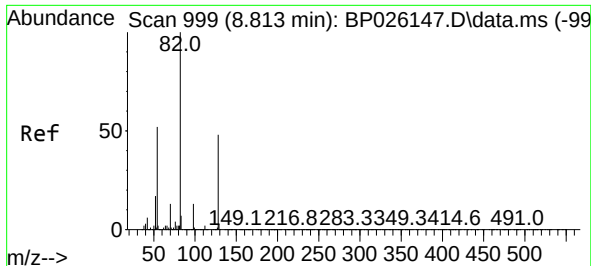
Tgt Ion: 99 Resp: 1065282
Ion Ratio Lower Upper
99 100
42 16.3 12.9 19.3
71 32.6 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.413 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BP026280.D
Acq: 10 Dec 2025 17:52

Tgt Ion: 136 Resp: 827861
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 7.8 6.4 9.6
68 5.8 4.9 7.3

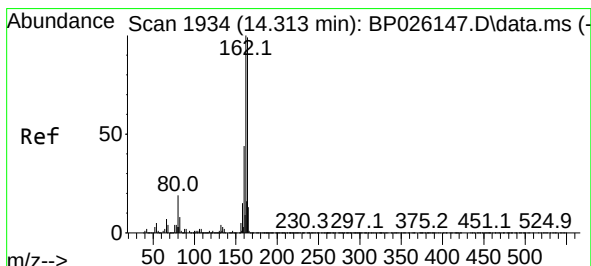
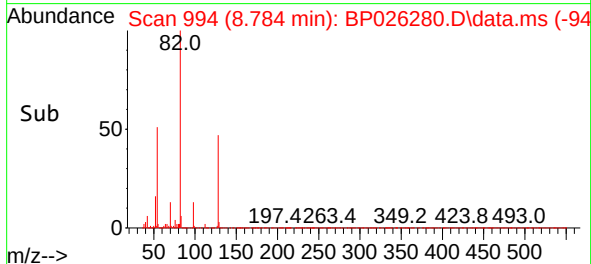
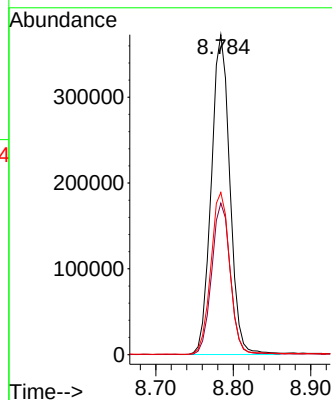
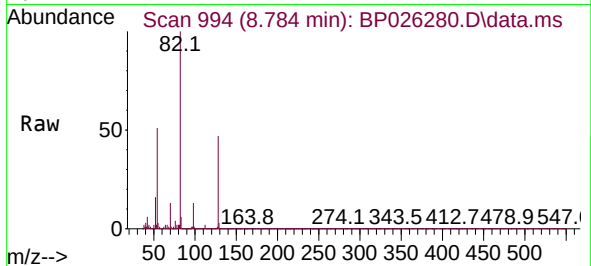




#23
 Nitrobenzene-d5
 Concen: 42.748 ng
 RT: 8.784 min Scan# 999
 Delta R.T. -0.006 min
 Lab File: BP026280.D
 Acq: 10 Dec 2025 17:52

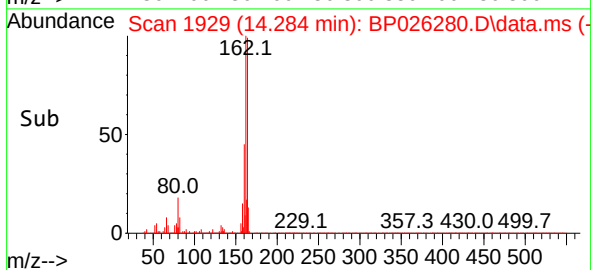
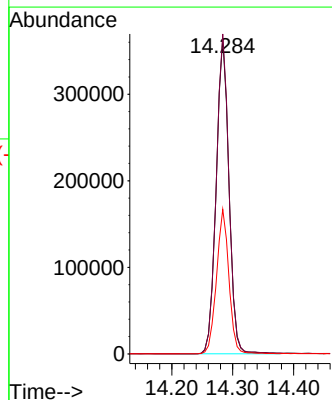
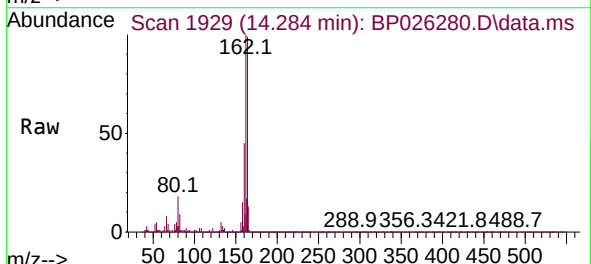
Instrument :
 BNA_P
 ClientSampleId :
 TP-4

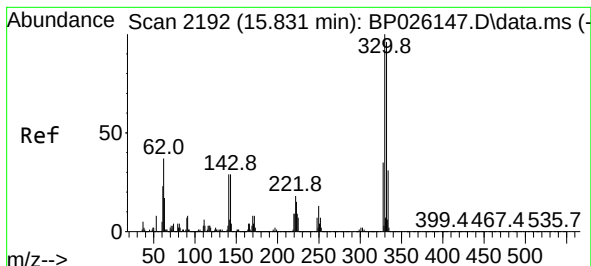
Tgt Ion:	82	Resp:	621731
Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.4	56.0
54	50.7	41.6	62.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.284 min Scan# 1929
 Delta R.T. -0.006 min
 Lab File: BP026280.D
 Acq: 10 Dec 2025 17:52

Tgt Ion:	164	Resp:	531501
Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.3	120.5
160	45.8	35.2	52.8





#42

2,4,6-Tribromophenol

Concen: 71.153 ng

RT: 15.807 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP026280.D

Acq: 10 Dec 2025 17:52

Instrument :

BNA_P

ClientSampleId :

TP-4

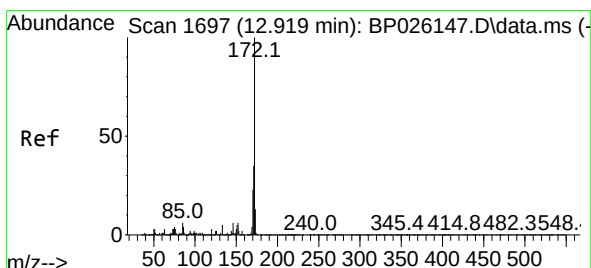
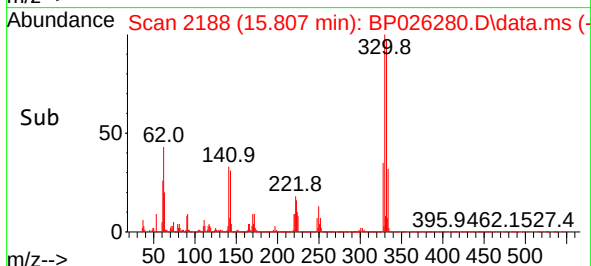
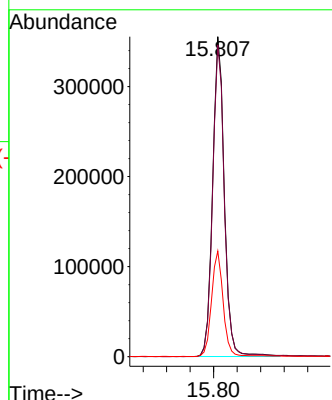
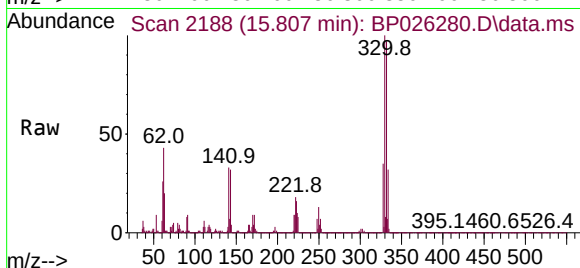
Tgt Ion:330 Resp: 491811

Ion Ratio Lower Upper

330 100

332 97.7 78.0 117.0

141 32.8 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 41.723 ng

RT: 12.890 min Scan# 1692

Delta R.T. -0.012 min

Lab File: BP026280.D

Acq: 10 Dec 2025 17:52

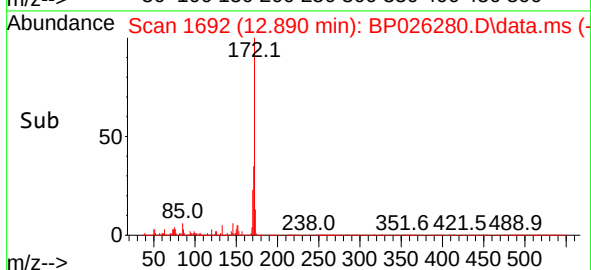
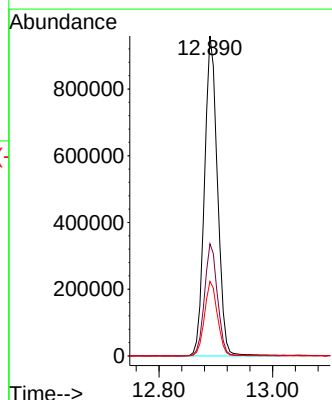
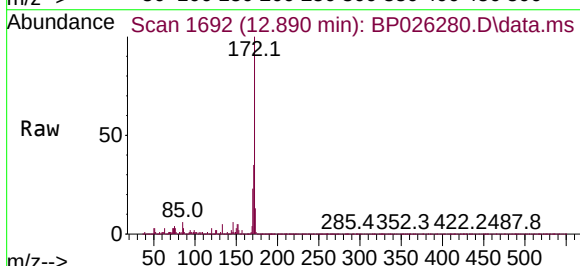
Tgt Ion:172 Resp: 1525266

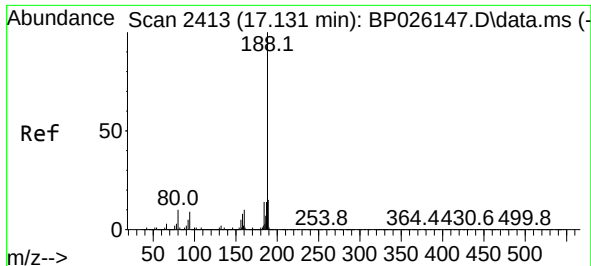
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.3 18.7 28.1

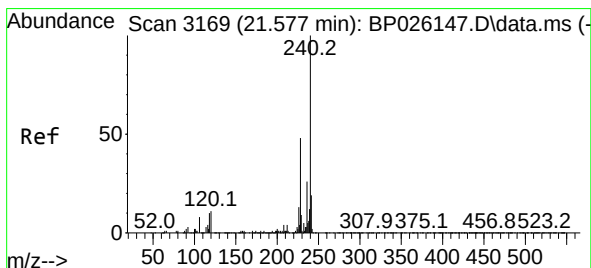
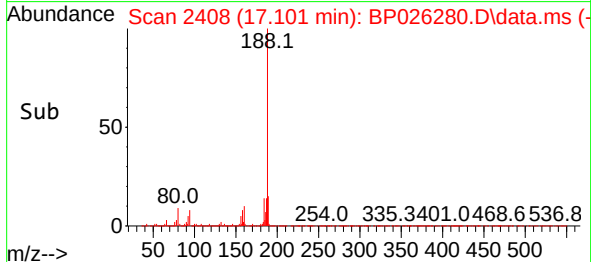
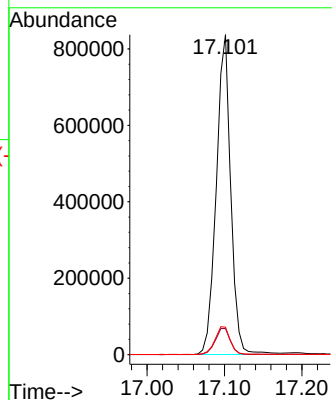
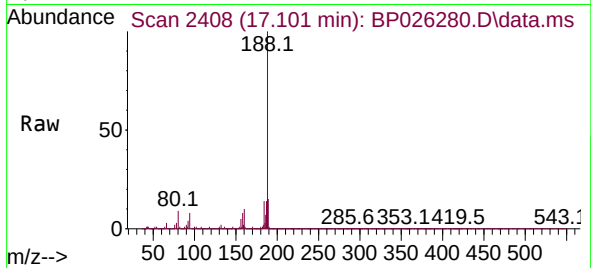




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.101 min Scan# 2413
Delta R.T. 0.006 min
Lab File: BP026280.D
Acq: 10 Dec 2025 17:52

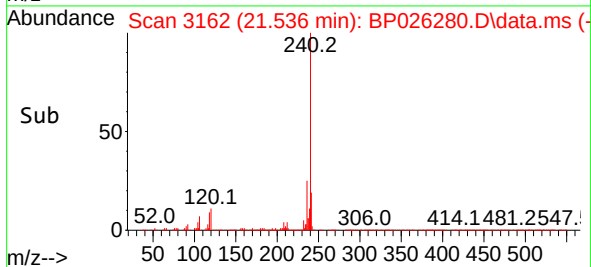
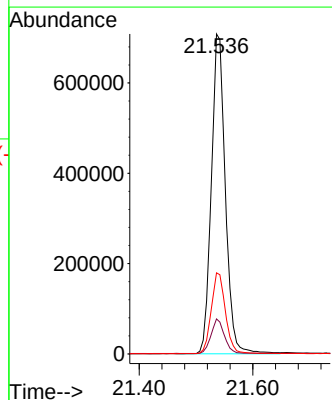
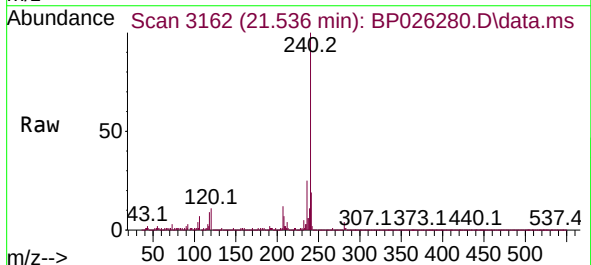
Instrument :
BNA_P
ClientSampleId :
TP-4

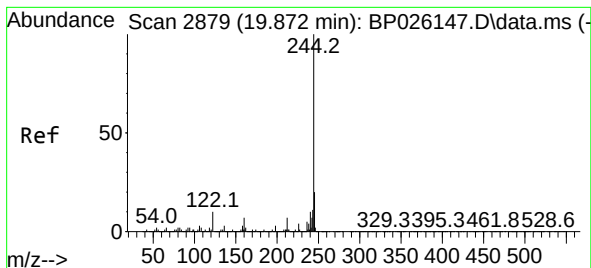
Tgt Ion:188 Resp: 1085532
Ion Ratio Lower Upper
188 100
94 8.2 7.8 11.6
80 8.6 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.000 min
Lab File: BP026280.D
Acq: 10 Dec 2025 17:52

Tgt Ion:240 Resp: 1216551
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 25.3 20.4 30.6





#79

Terphenyl-d14

Concen: 41.361 ng

RT: 19.836 min Scan# 2873

Delta R.T. -0.000 min

Lab File: BP026280.D

Acq: 10 Dec 2025 17:52

Instrument :

BNA_P

ClientSampleId :

TP-4

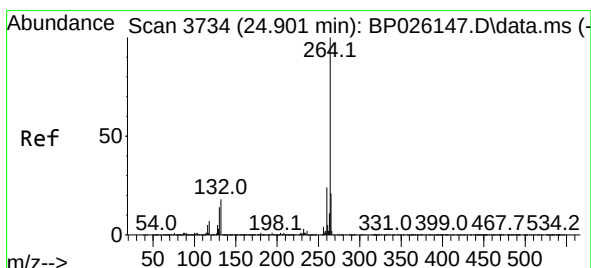
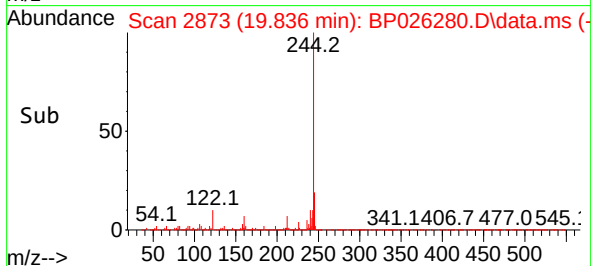
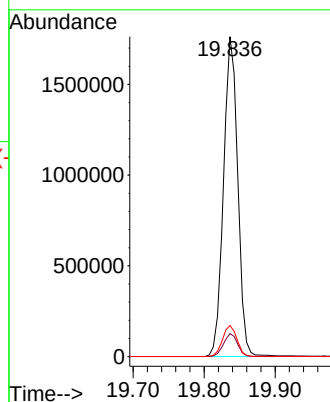
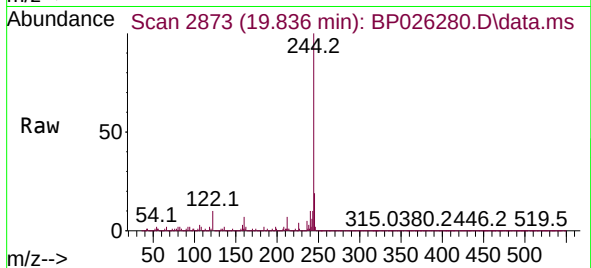
Tgt Ion:244 Resp: 2461810

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 9.7 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.842 min Scan# 3724

Delta R.T. 0.018 min

Lab File: BP026280.D

Acq: 10 Dec 2025 17:52

Tgt Ion:264 Resp: 1407831

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.6 17.5 26.3

