

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121025\
 Data File : BP026279.D
 Acq On : 10 Dec 2025 17:11
 Operator : RC/JU
 Sample : Q3814-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-10

Quant Time: Dec 10 17:36:17 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)

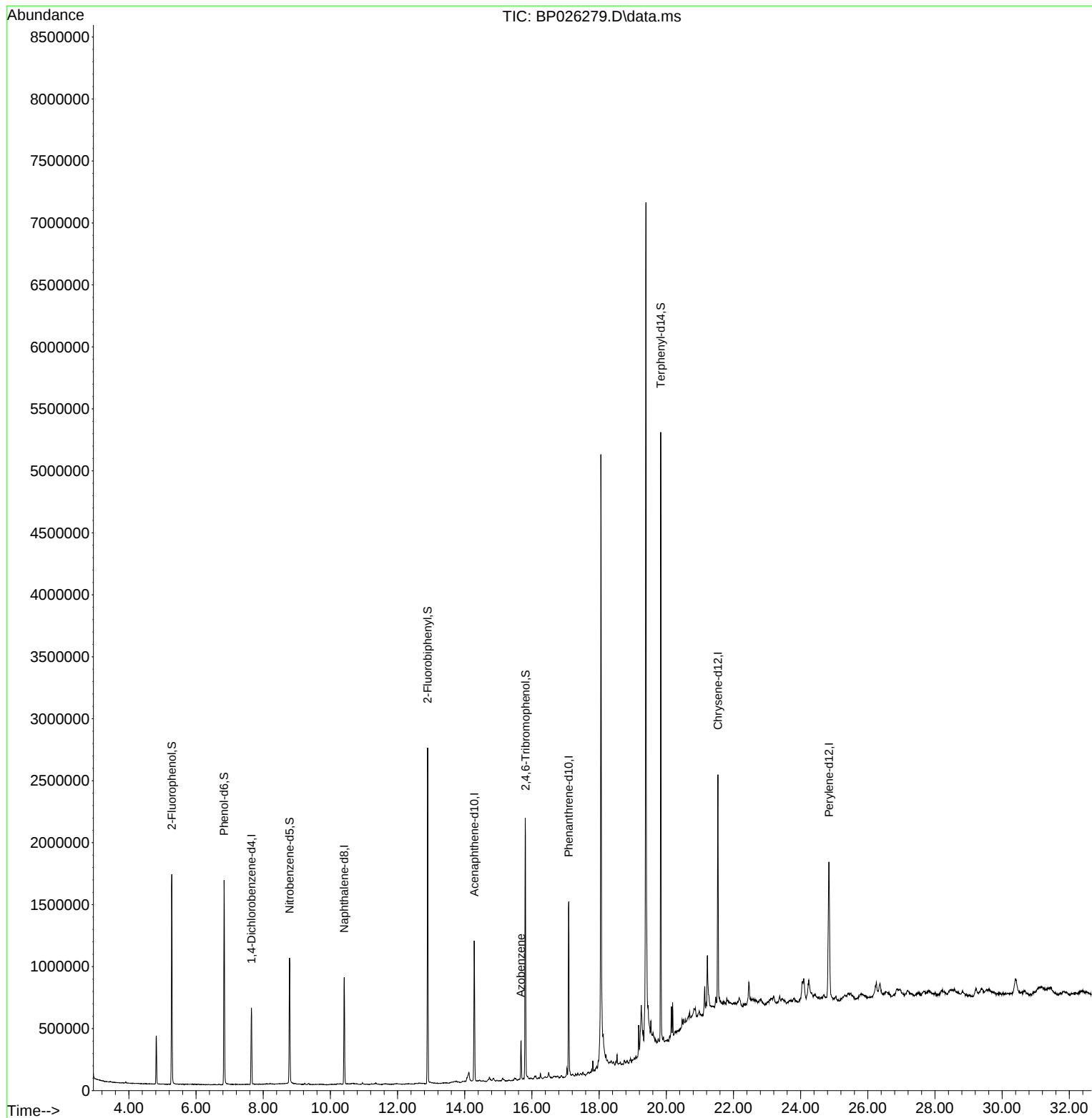
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.648	152	183239	20.000	ng	0.00
21) Naphthalene-d8	10.413	136	693333	20.000	ng	0.00
39) Acenaphthene-d10	14.283	164	434343	20.000	ng	0.00
64) Phenanthrene-d10	17.095	188	864017	20.000	ng	0.00
76) Chrysene-d12	21.536	240	1022223	20.000	ng	0.00
86) Perylene-d12	24.842	264	1241603	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	770652	67.615	ng	0.00
7) Phenol-d6	6.837	99	940625	65.380	ng	0.00
23) Nitrobenzene-d5	8.784	82	563126	46.231	ng	0.00
42) 2,4,6-Tribromophenol	15.807	330	441653	78.190	ng	0.00
45) 2-Fluorobiphenyl	12.895	172	1395816	46.722	ng	0.00
79) Terphenyl-d14	19.836	244	2213372	44.256	ng	0.00
Target Compounds						
63) Azobenzene	15.671	77	89993	3.297	ng	Qvalue # 1

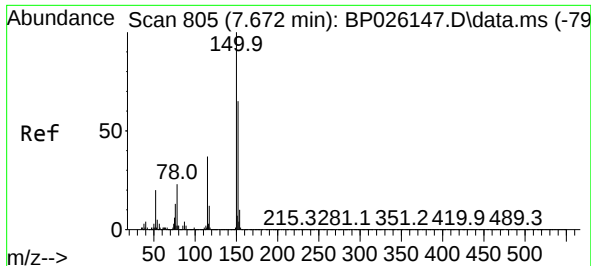
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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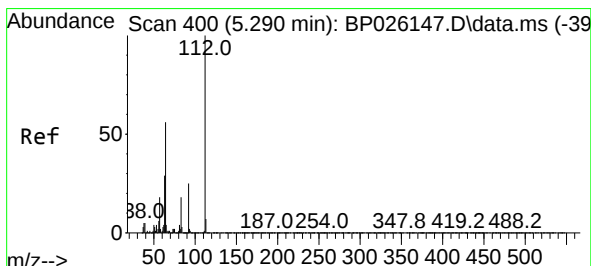
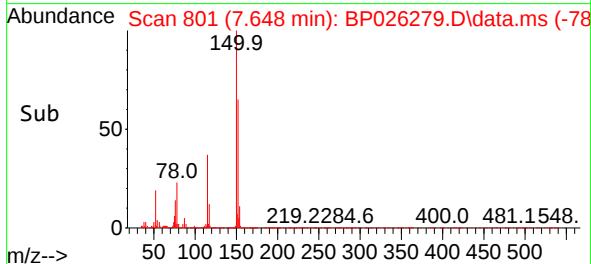
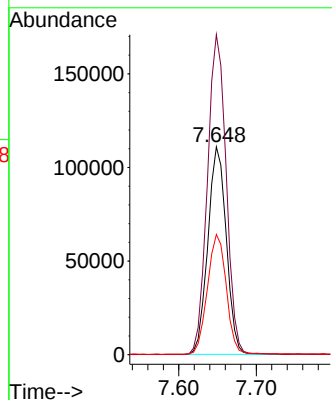
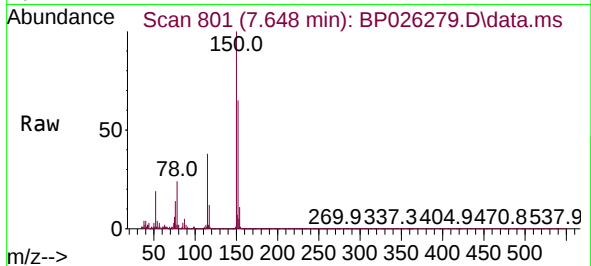




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.648 min Scan# 805
Delta R.T. -0.007 min
Lab File: BP026279.D
Acq: 10 Dec 2025 17:11

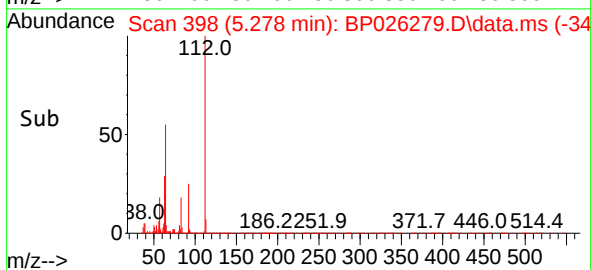
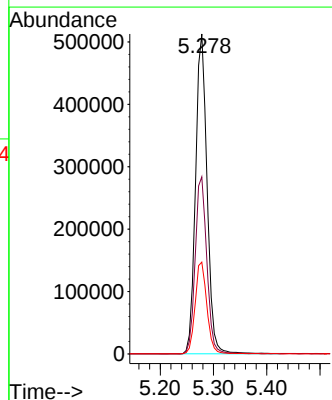
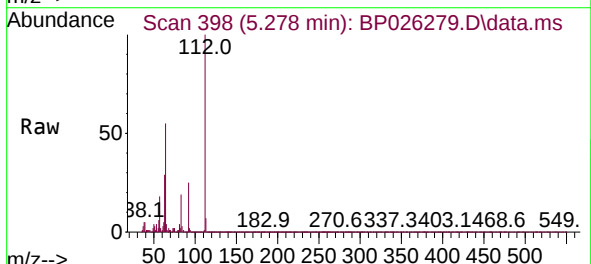
Instrument :
BNA_P
ClientSampleId :
TP-10

Tgt Ion:152 Resp: 183239
Ion Ratio Lower Upper
152 100
150 154.1 123.0 184.6
115 57.8 46.3 69.5



#5
2-Fluorophenol
Concen: 67.615 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.000 min
Lab File: BP026279.D
Acq: 10 Dec 2025 17:11

Tgt Ion:112 Resp: 770652
Ion Ratio Lower Upper
112 100
64 55.3 45.8 68.6
63 28.7 23.5 35.3

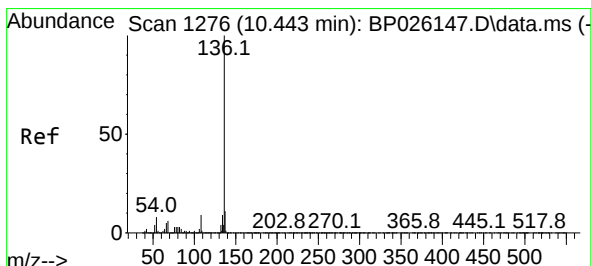
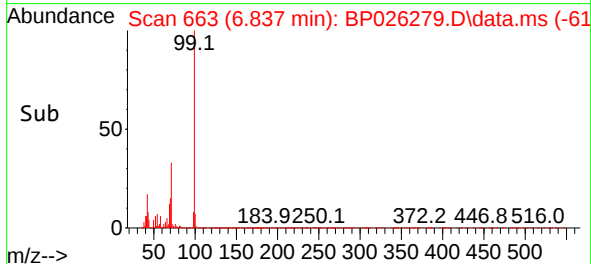
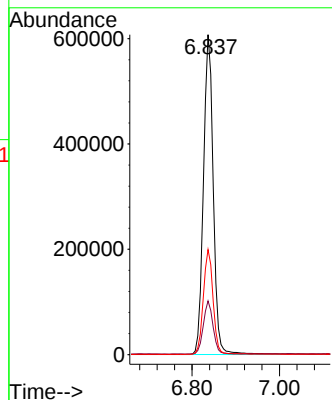
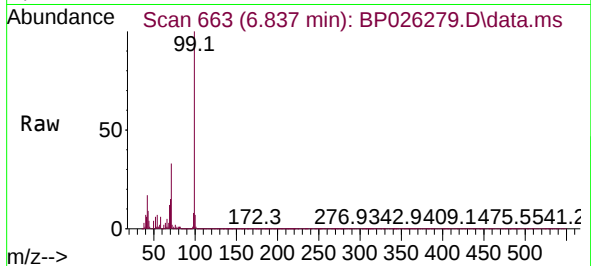




#7
Phenol-d6
Concen: 65.380 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP026279.D
Acq: 10 Dec 2025 17:11

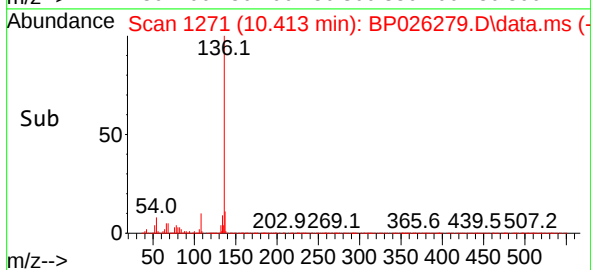
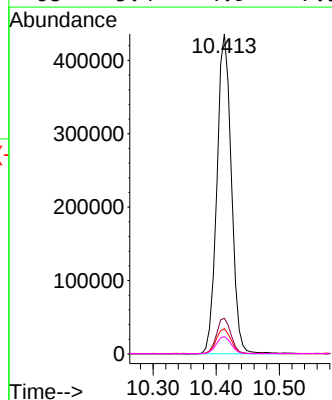
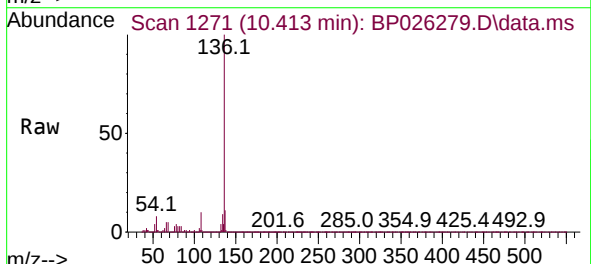
Instrument :
BNA_P
ClientSampleId :
TP-10

Tgt Ion:	99	Resp:	940625
Ion	Ratio	Lower	Upper
99	100		
42	16.8	12.9	19.3
71	32.8	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: BP026279.D
Acq: 10 Dec 2025 17:11

Tgt Ion:	136	Resp:	693333
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.9	6.4	9.6
68	5.4	4.9	7.3

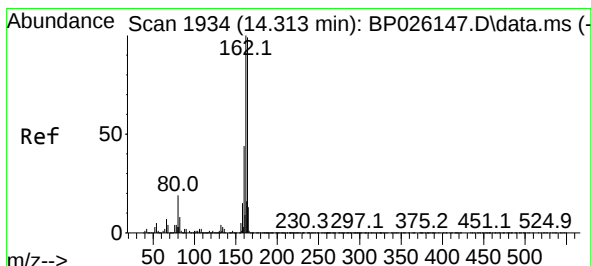
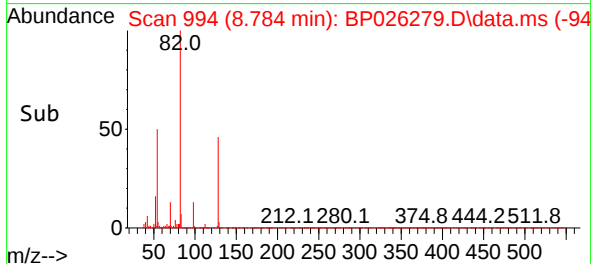
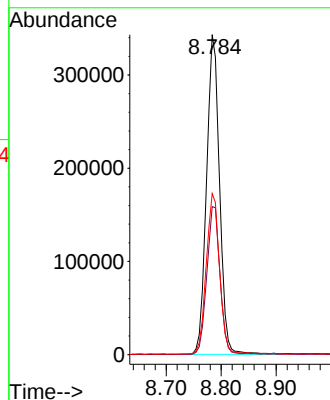
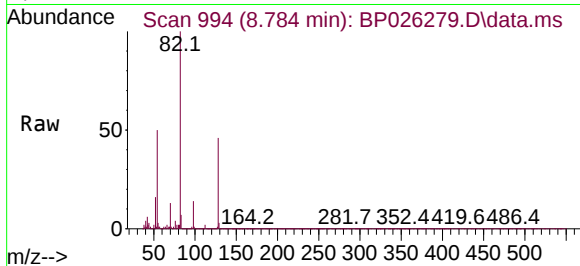




#23
Nitrobenzene-d5
Concen: 46.231 ng
RT: 8.784 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP026279.D
Acq: 10 Dec 2025 17:11

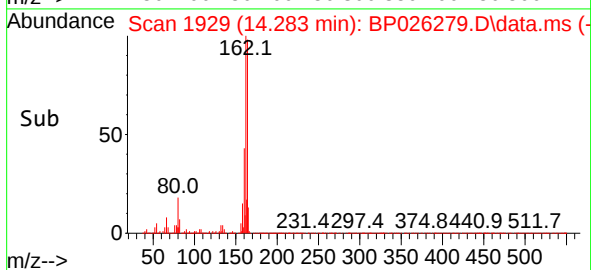
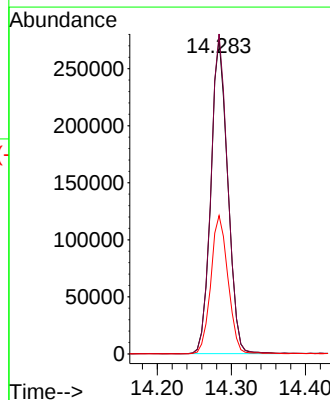
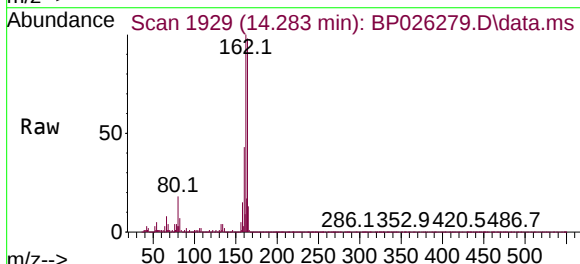
Instrument :
BNA_P
ClientSampleId :
TP-10

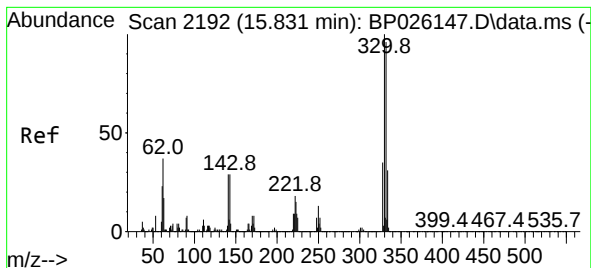
Tgt Ion: 82 Resp: 563126
Ion Ratio Lower Upper
82 100
128 46.2 37.4 56.0
54 50.3 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.283 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BP026279.D
Acq: 10 Dec 2025 17:11

Tgt Ion:164 Resp: 434343
Ion Ratio Lower Upper
164 100
162 101.7 80.3 120.5
160 44.0 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 78.190 ng

RT: 15.807 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP026279.D

Acq: 10 Dec 2025 17:11

Instrument :

BNA_P

ClientSampleId :

TP-10

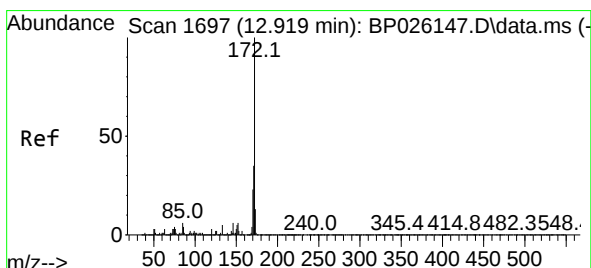
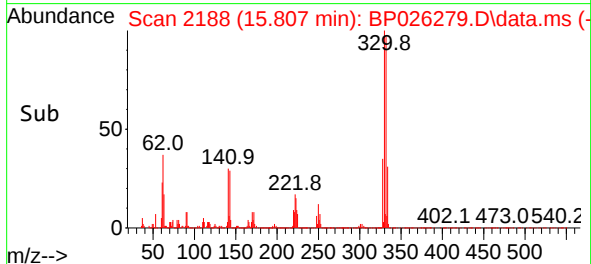
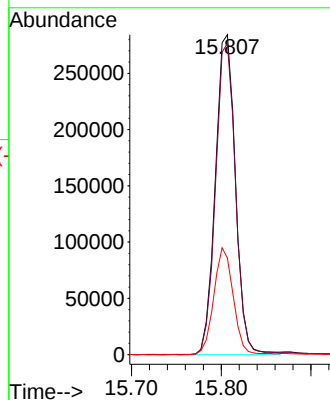
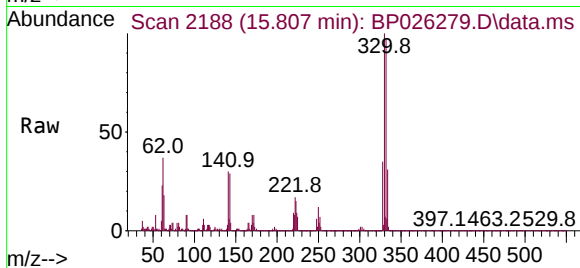
Tgt Ion:330 Resp: 441653

Ion Ratio Lower Upper

330 100

332 96.5 78.0 117.0

141 32.1 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 46.722 ng

RT: 12.895 min Scan# 1693

Delta R.T. -0.006 min

Lab File: BP026279.D

Acq: 10 Dec 2025 17:11

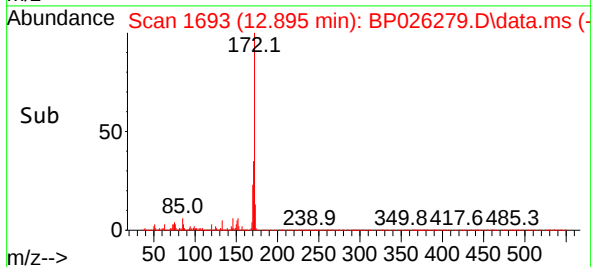
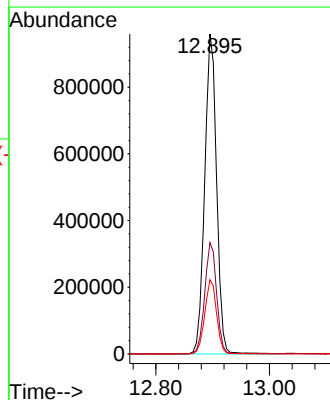
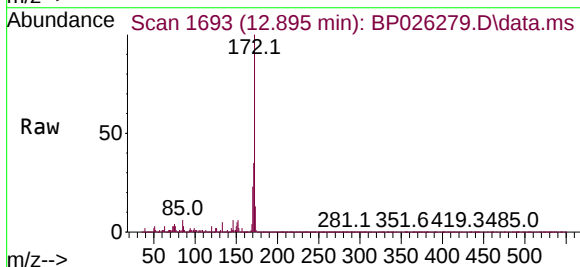
Tgt Ion:172 Resp: 1395816

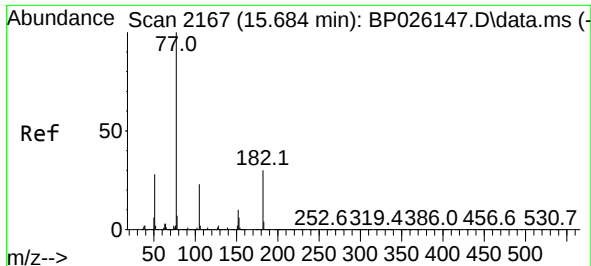
Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

170 23.2 18.7 28.1

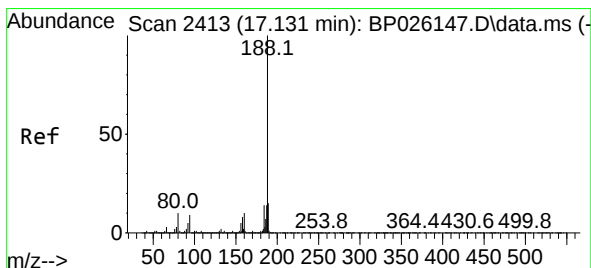
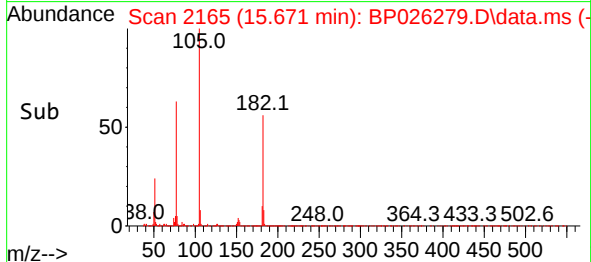
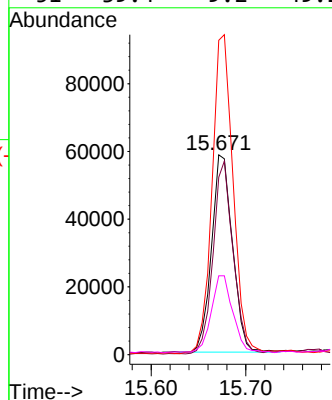
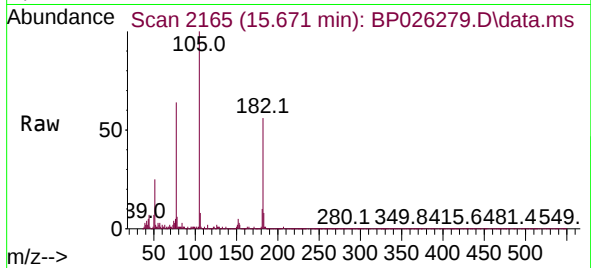




#63
Azobenzene
Concen: 3.297 ng
RT: 15.671 min Scan# 2167
Delta R.T. 0.017 min
Lab File: BP026279.D
Acq: 10 Dec 2025 17:11

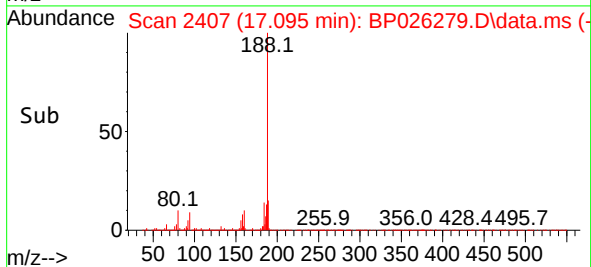
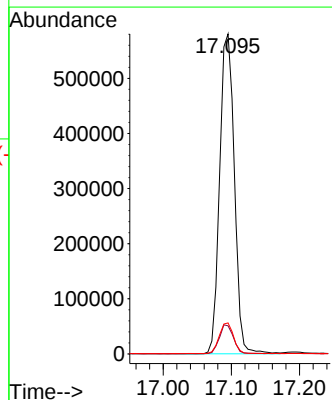
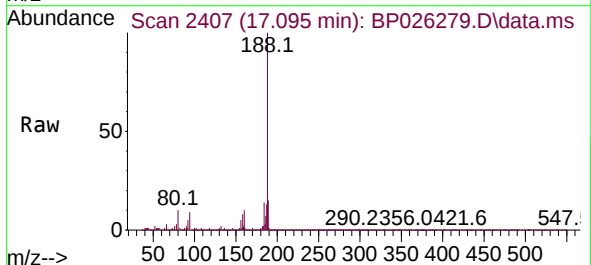
Instrument :
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TP-10

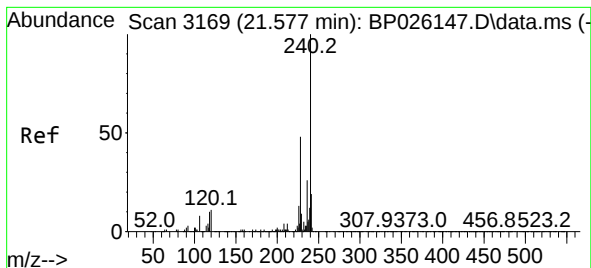
Tgt Ion: 77	Resp: 89993
Ion Ratio	Lower Upper
77 100	
182 88.7	8.8 48.8#
105 157.3	2.6 42.6#
51 39.4	9.2 49.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.095 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BP026279.D
Acq: 10 Dec 2025 17:11

Tgt Ion: 188	Resp: 864017
Ion Ratio	Lower Upper
188 100	
94 8.8	7.8 11.6
80 9.7	8.2 12.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.536 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP026279.D

Acq: 10 Dec 2025 17:11

Instrument :

BNA_P

ClientSampleId :

TP-10

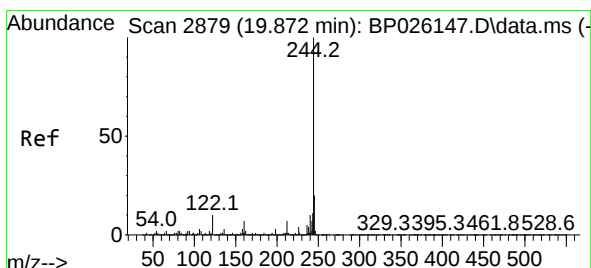
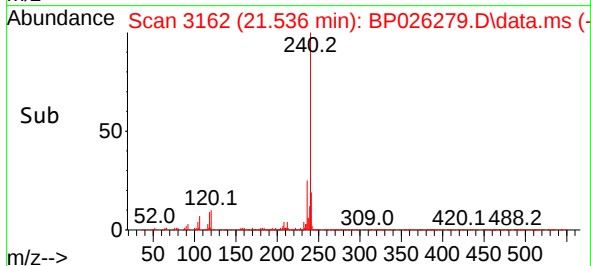
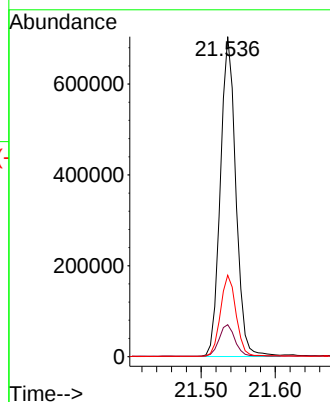
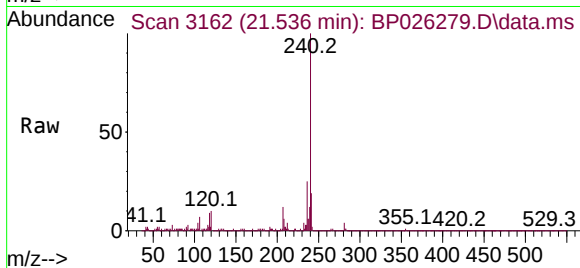
Tgt Ion:240 Resp: 1022223

Ion Ratio Lower Upper

240 100

120 10.0 9.0 13.4

236 25.4 20.4 30.6



#79

Terphenyl-d14

Concen: 44.256 ng

RT: 19.836 min Scan# 2873

Delta R.T. -0.000 min

Lab File: BP026279.D

Acq: 10 Dec 2025 17:11

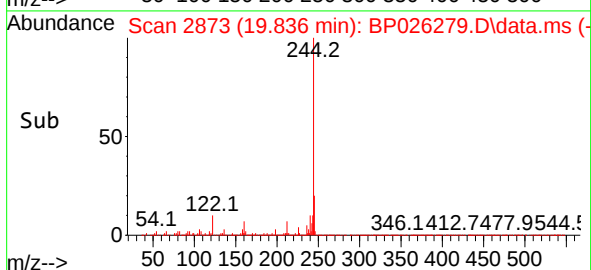
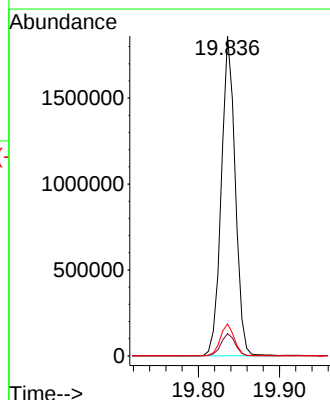
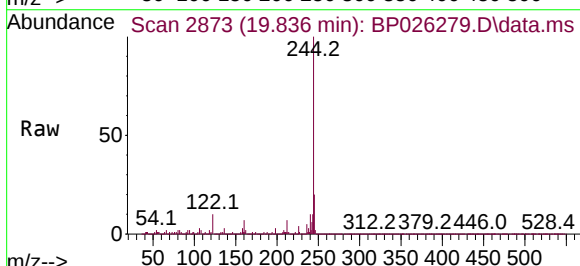
Tgt Ion:244 Resp: 2213372

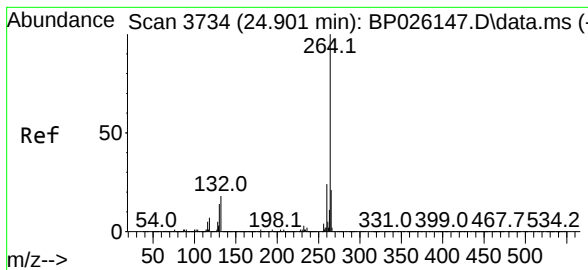
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 10.0 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.842 min Scan# 31
 Delta R.T. 0.017 min
 Lab File: BP026279.D
 Acq: 10 Dec 2025 17:11

Instrument :
 BNA_P
 ClientSampleId :
 TP-10

Tgt Ion:264 Resp: 1241603
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 22.0 17.5 26.3

