

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

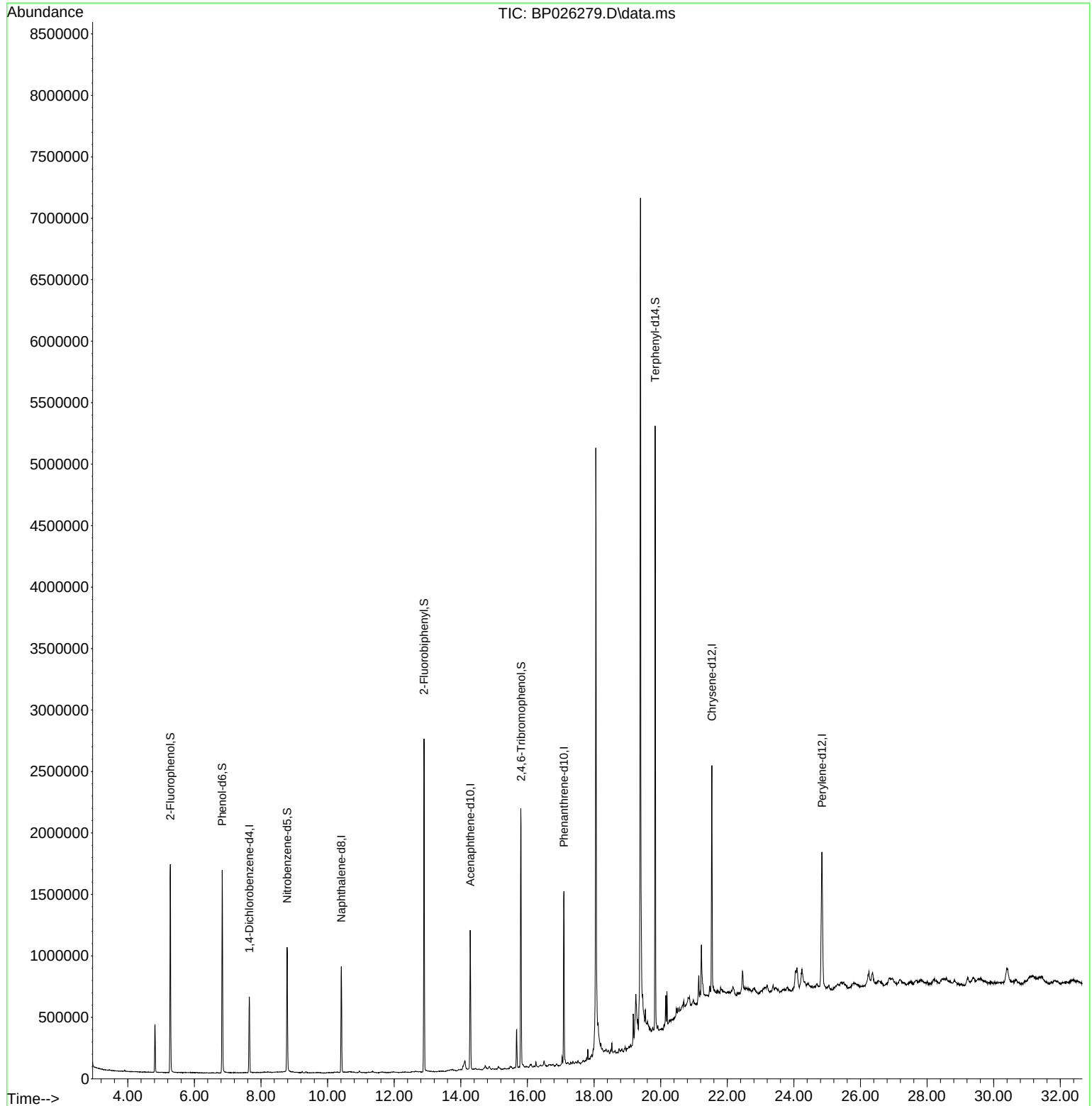
Target Compounds	Qvalue

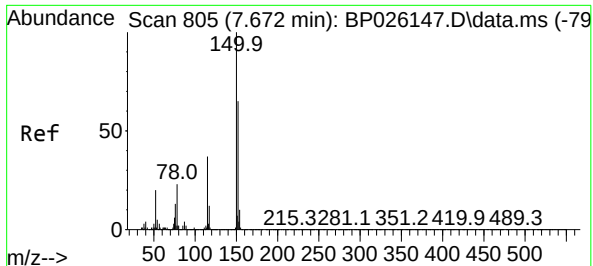
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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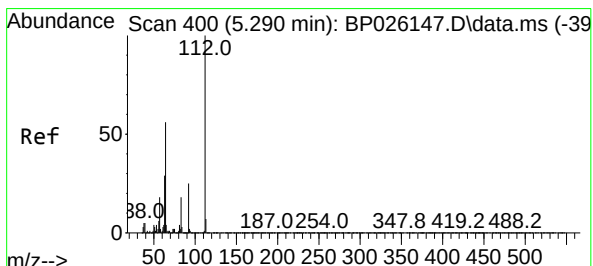
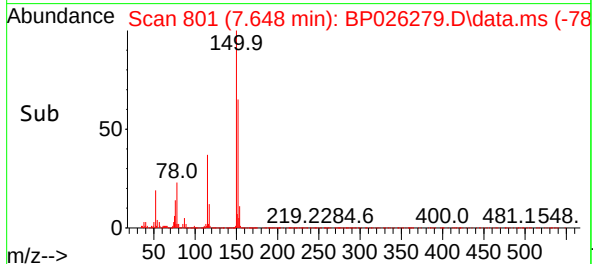
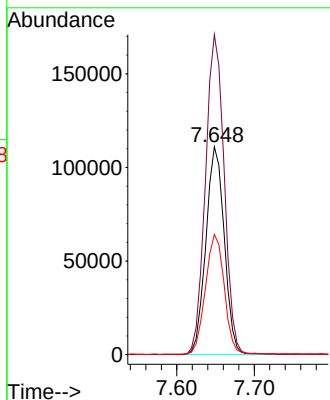
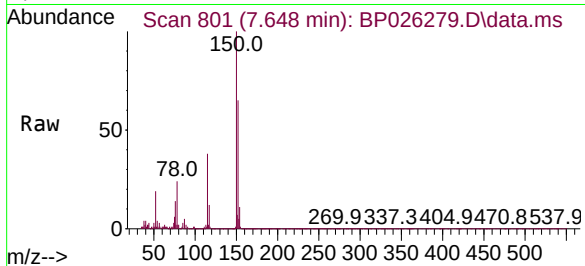




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.648 min Scan# 80
Delta R.T. -0.007 min
Lab File: BP026279.D
Acq: 10 Dec 2025 17:11

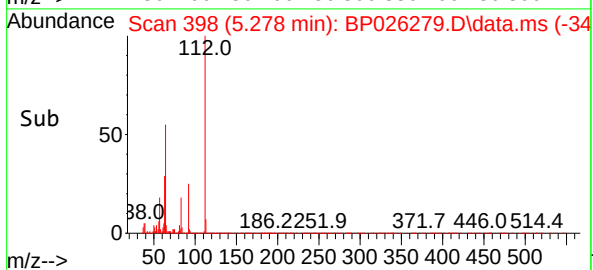
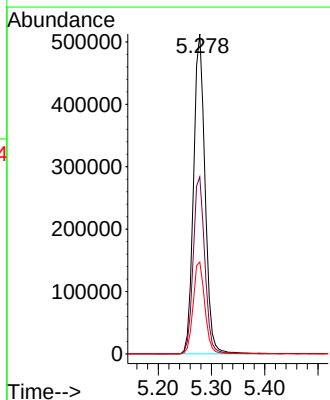
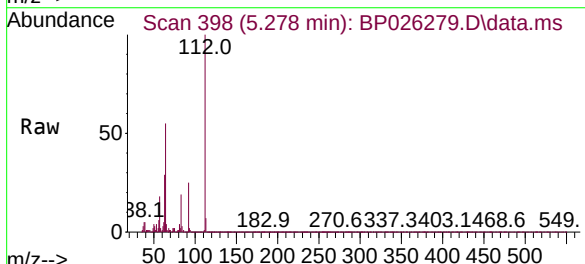
Instrument :
BNA_P
ClientSampleId :
TP-10

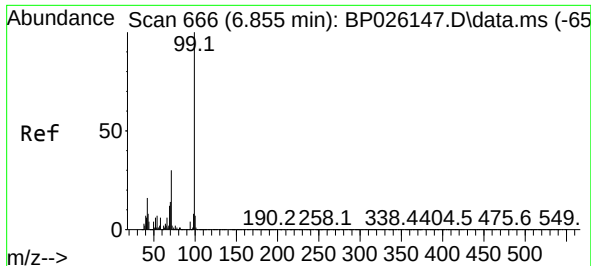
Tgt Ion:152 Resp: 183239
Ion Ratio Lower Upper
152 100
150 154.1 123.0 184.6
115 57.8 46.3 69.5



#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

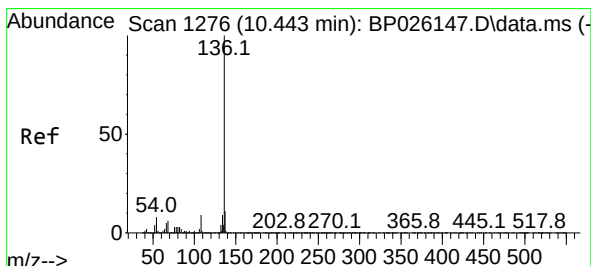
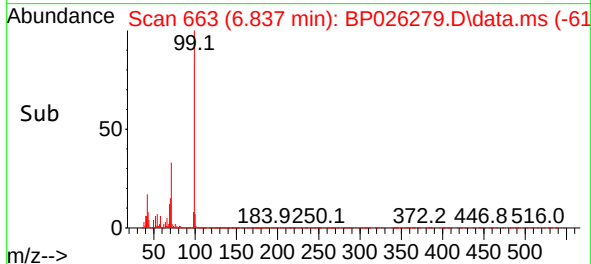
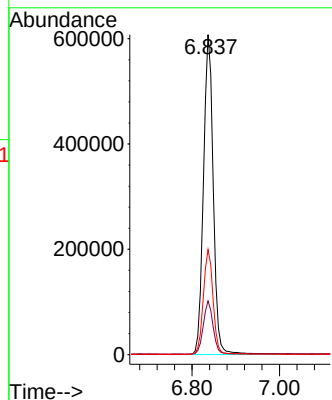
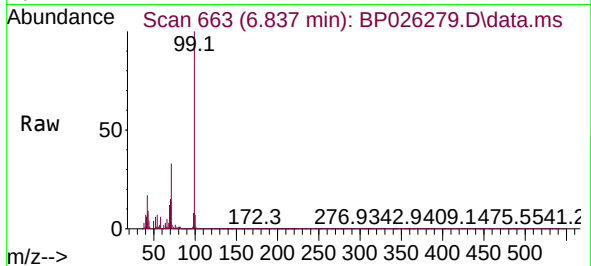




#7
Phenol-d6
Concen: 65.380 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP026279.D
Acq: 10 Dec 2025 17:11

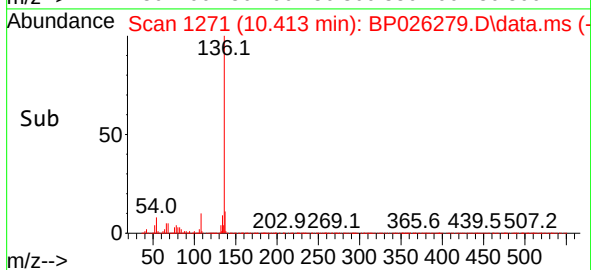
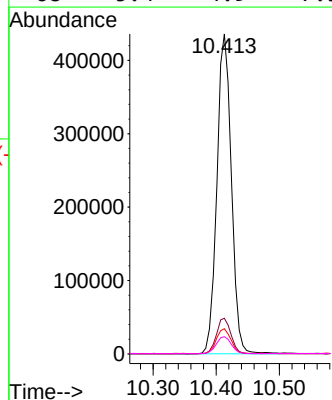
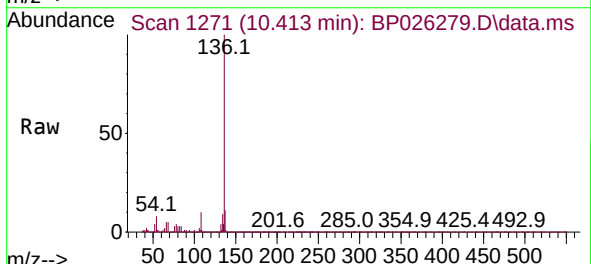
Instrument :
BNA_P
ClientSampleId :
TP-10

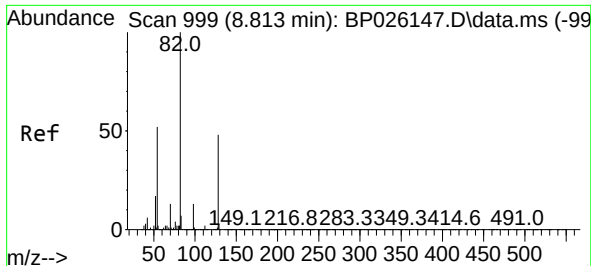
Tgt Ion: 99 Resp: 940625
Ion Ratio Lower Upper
99 100
42 16.8 12.9 19.3
71 32.8 24.8 37.2



#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

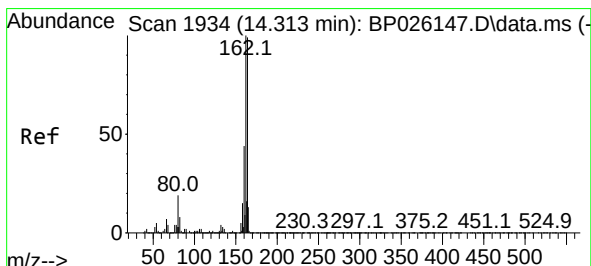
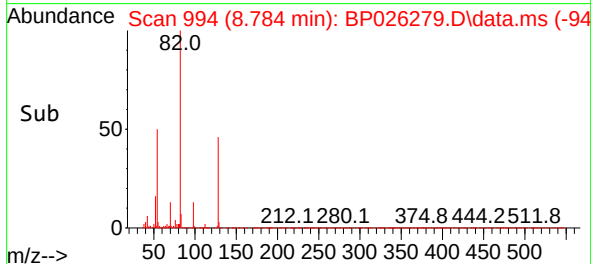
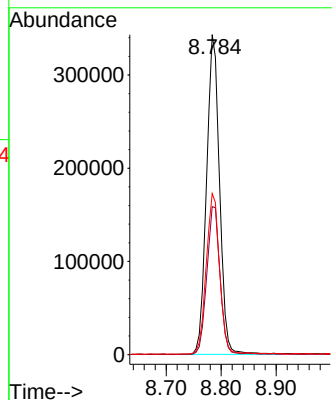
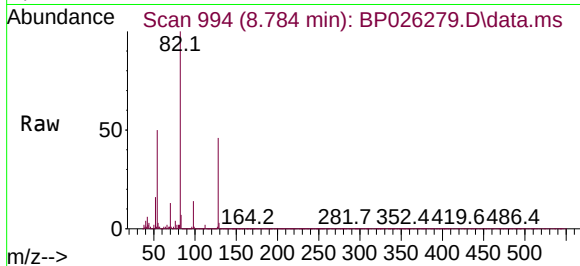




#23
Nitrobenzene-d5
Concen: 46.231 ng
RT: 8.784 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP026279.D
Acq: 10 Dec 2025 17:11

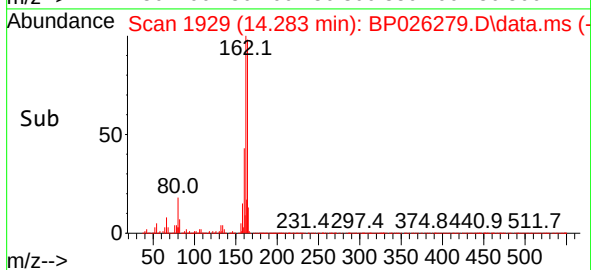
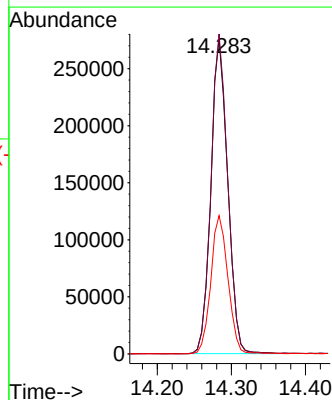
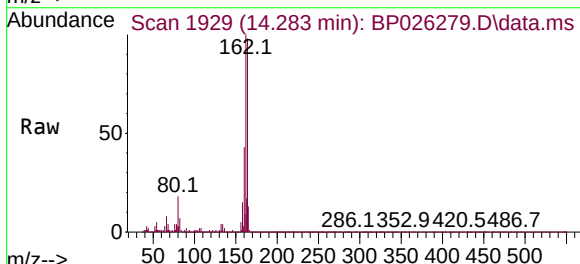
Instrument :
BNA_P
ClientSampleId :
TP-10

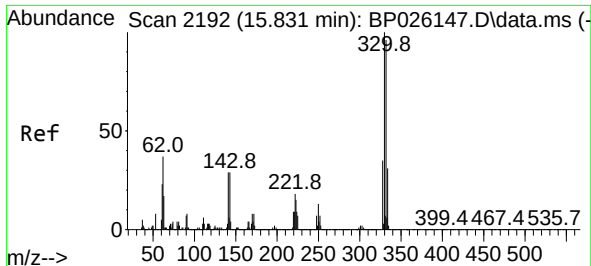
Tgt Ion: 82 Resp: 563126
Ion Ratio Lower Upper
82 100
128 46.2 37.4 56.0
54 50.3 41.6 62.4



#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

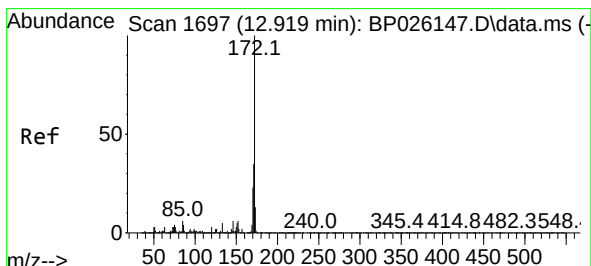
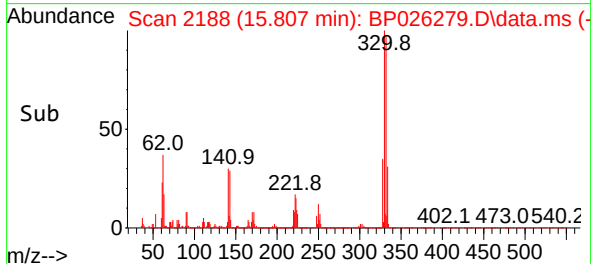
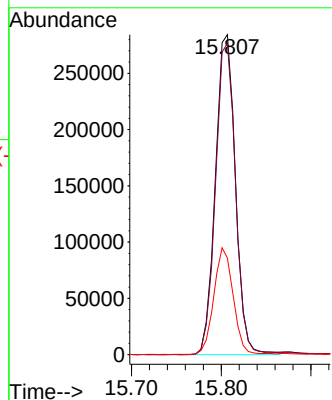
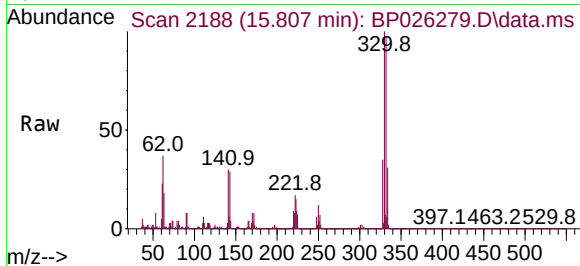




#42
2,4,6-Tribromophenol
Concen: 78.190 ng
RT: 15.807 min Scan# 2192
Delta R.T. -0.000 min
Lab File: BP026279.D
Acq: 10 Dec 2025 17:11

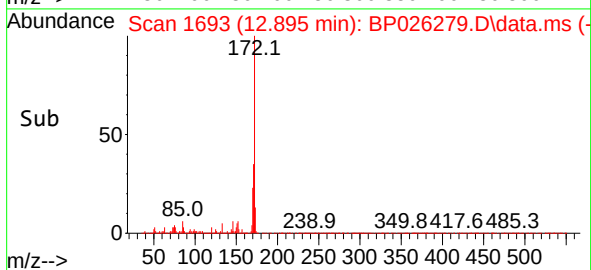
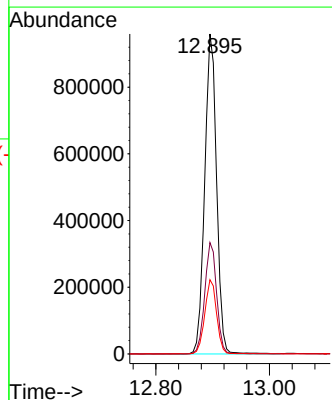
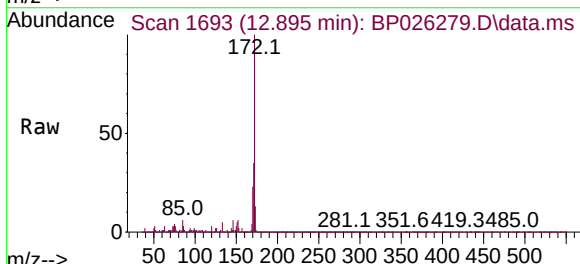
Instrument :
BNA_P
ClientSampleId :
TP-10

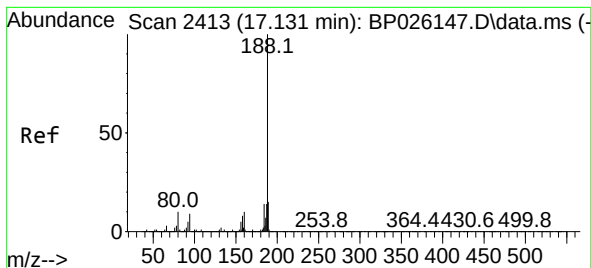
Tgt Ion: 330 Resp: 441653
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 32.1 26.8 40.2



#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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.095 min Scan# 2413

Delta R.T. -0.000 min

Lab File: BP026279.D

Acq: 10 Dec 2025 17:11

Instrument :

BNA_P

ClientSampleId :

TP-10

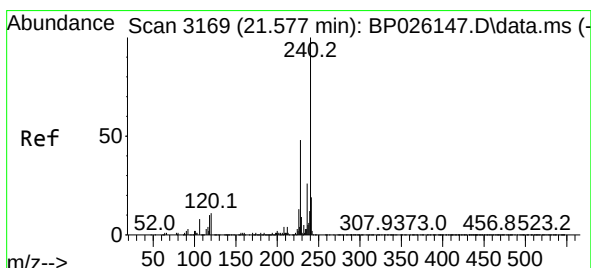
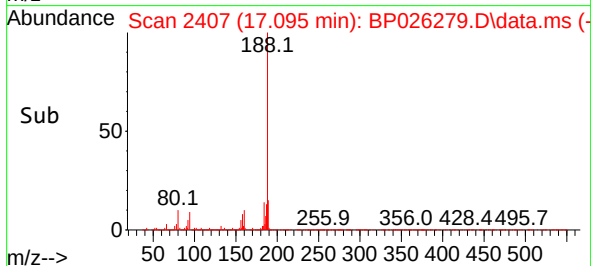
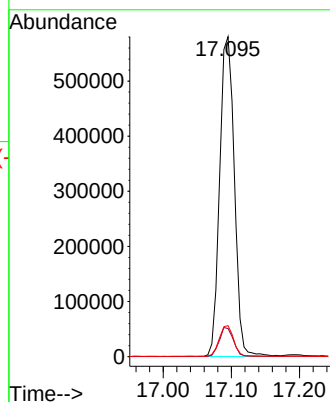
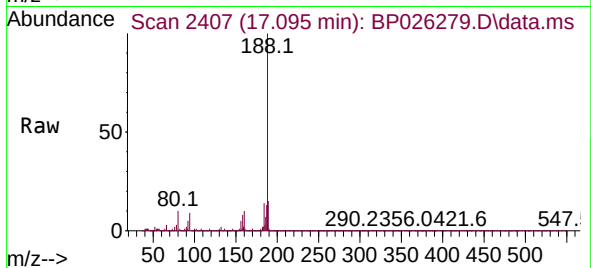
Tgt Ion:188 Resp: 864017

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# 3162

Delta R.T. -0.000 min

Lab File: BP026279.D

Acq: 10 Dec 2025 17:11

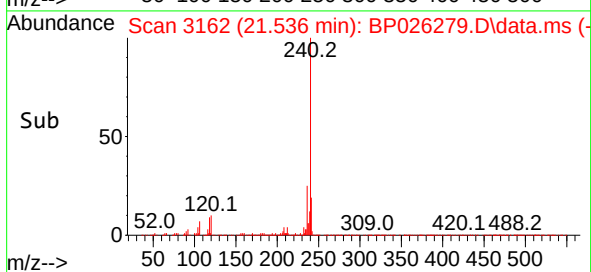
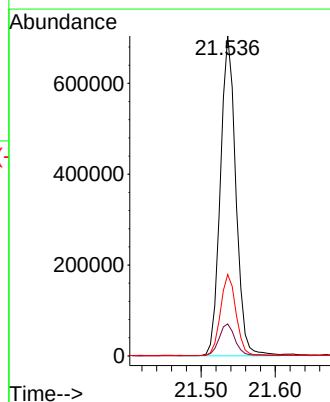
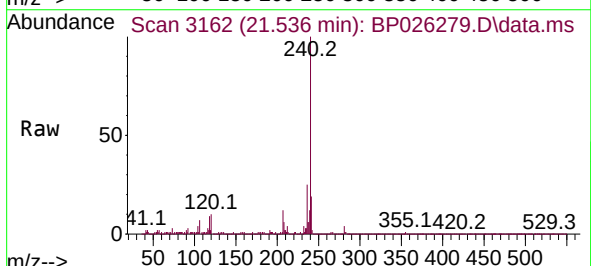
Tgt Ion:240 Resp: 1022223

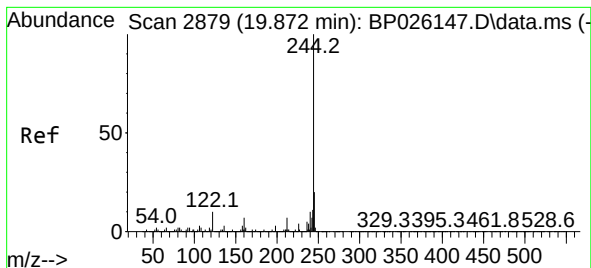
Ion Ratio Lower Upper

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# 21

Delta R.T. -0.000 min

Lab File: BP026279.D

Acq: 10 Dec 2025 17:11

Instrument :

BNA_P

ClientSampleId :

TP-10

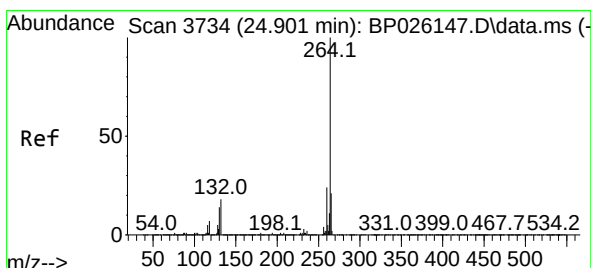
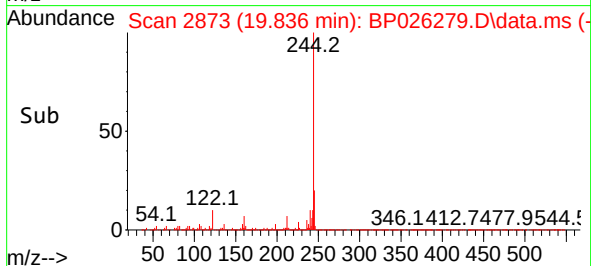
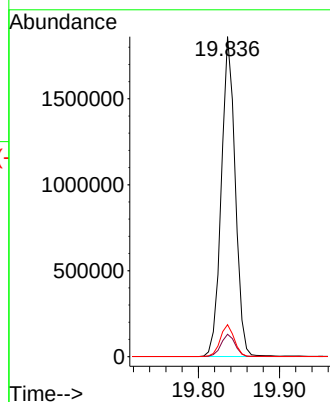
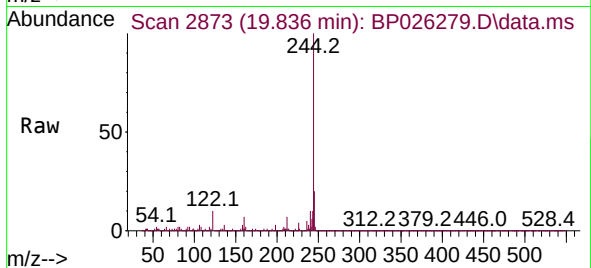
Tgt Ion:244 Resp: 2213372

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# 3724

Delta R.T. 0.017 min

Lab File: BP026279.D

Acq: 10 Dec 2025 17:11

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

