

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
 Data File : BP026300.D
 Acq On : 11 Dec 2025 20:00
 Operator : RC/JU
 Sample : Q3826-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1

Quant Time: Dec 11 23:42:26 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	229349	20.000	ng	0.00
21) Naphthalene-d8	10.413	136	839587	20.000	ng	0.00
39) Acenaphthene-d10	14.278	164	503971	20.000	ng	-0.01
64) Phenanthrene-d10	17.089	188	995962	20.000	ng	0.00
76) Chrysene-d12	21.530	240	1124107	20.000	ng	0.00
86) Perylene-d12	24.830	264	1264411	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.272	112	1496682	104.914	ng	0.00
7) Phenol-d6	6.831	99	1651473	91.711	ng	0.00
23) Nitrobenzene-d5	8.778	82	1134657	76.925	ng	-0.01
42) 2,4,6-Tribromophenol	15.801	330	808869	123.417	ng	0.00
45) 2-Fluorobiphenyl	12.883	172	2732979	78.842	ng	-0.02
79) Terphenyl-d14	19.830	244	4500259	81.827	ng	0.00

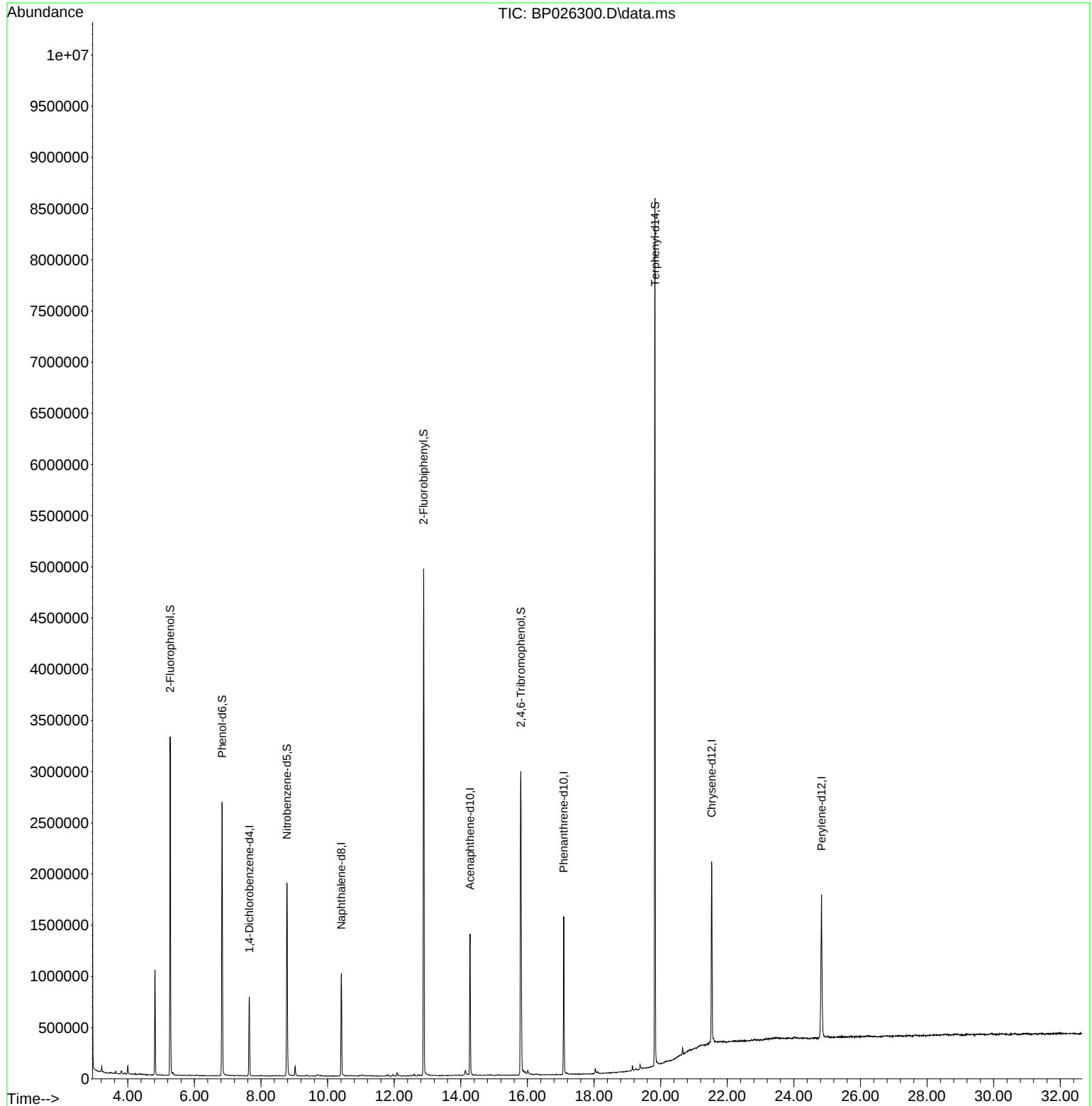
Target Compounds	Qvalue

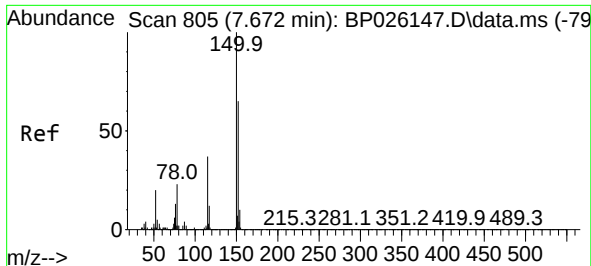
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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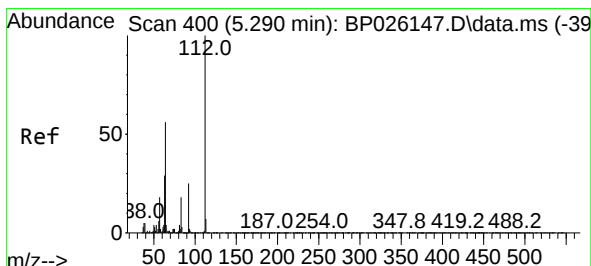
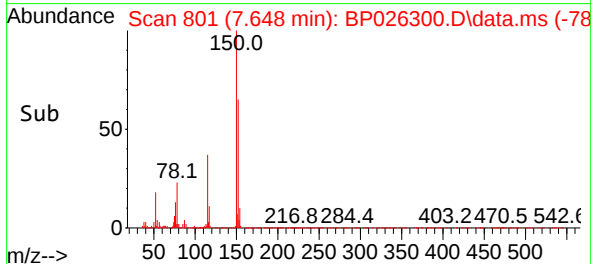
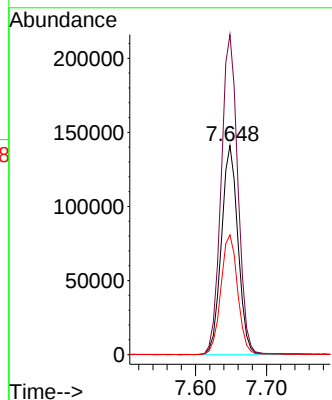
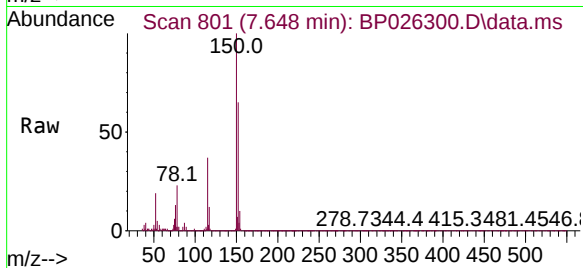




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.648 min Scan# 805
 Delta R.T. -0.007 min
 Lab File: BP026300.D
 Acq: 11 Dec 2025 20:00

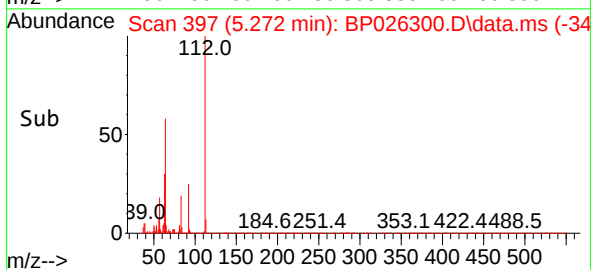
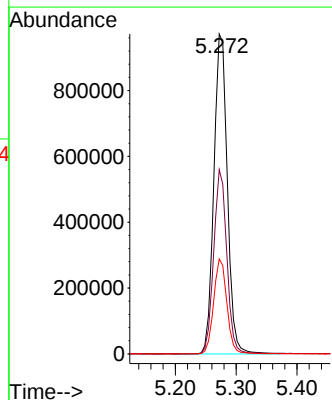
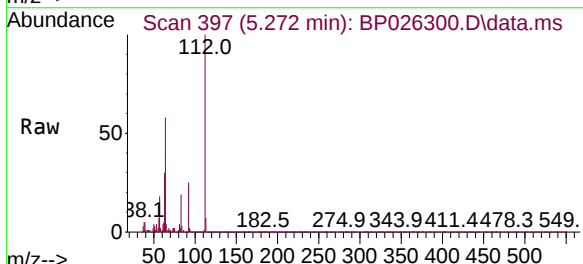
Instrument :
 BNA_P
 ClientSampleId :
 TP-1

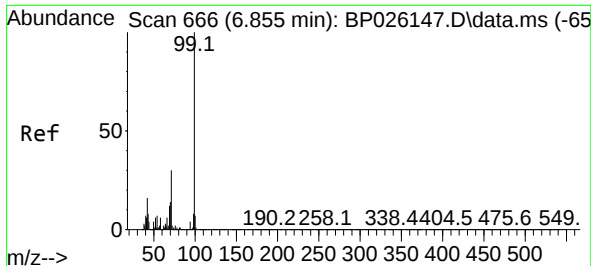
Tgt Ion:152 Resp: 229349
 Ion Ratio Lower Upper
 152 100
 150 153.1 123.0 184.6
 115 57.3 46.3 69.5



#5
 2-Fluorophenol
 Concen: 104.914 ng
 RT: 5.272 min Scan# 397
 Delta R.T. -0.006 min
 Lab File: BP026300.D
 Acq: 11 Dec 2025 20:00

Tgt Ion:112 Resp: 1496682
 Ion Ratio Lower Upper
 112 100
 64 57.6 45.8 68.6
 63 29.7 23.5 35.3

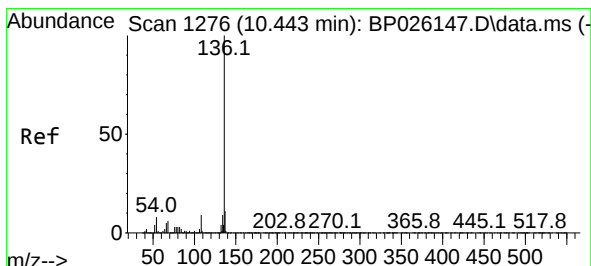
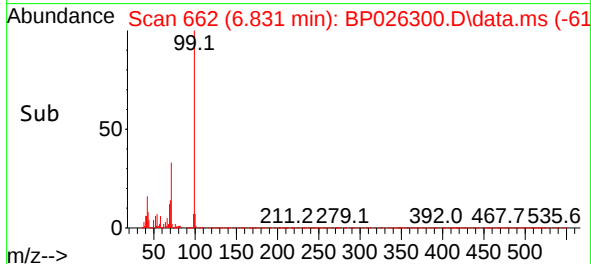
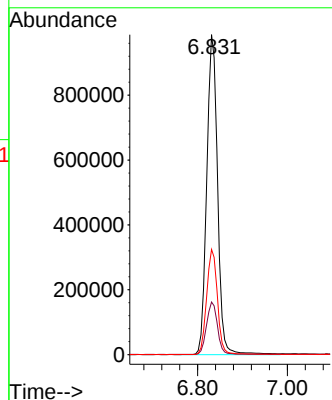
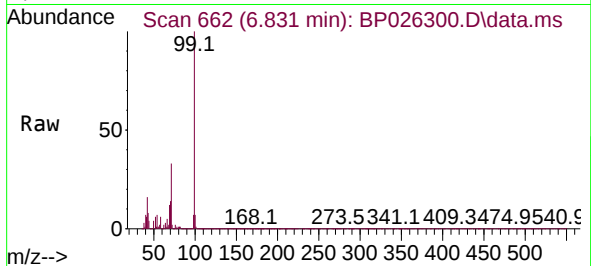




#7
Phenol-d6
Concen: 91.711 ng
RT: 6.831 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026300.D
Acq: 11 Dec 2025 20:00

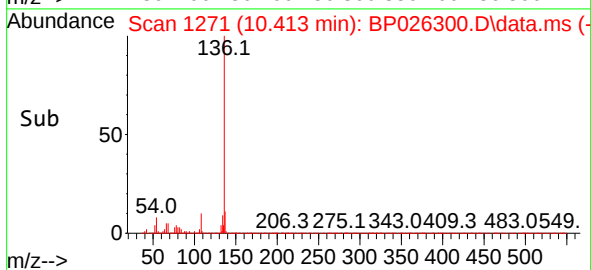
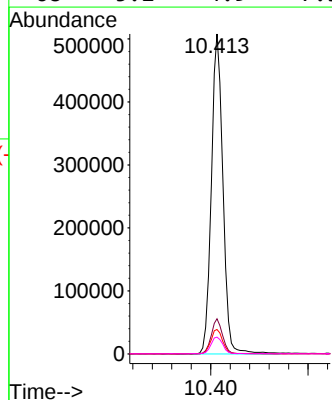
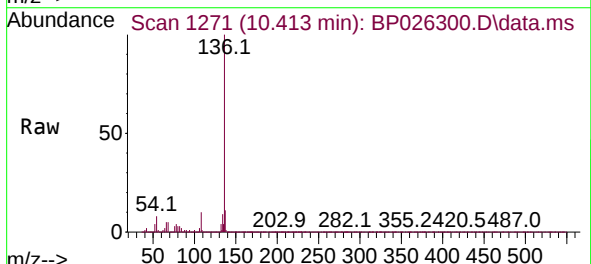
Instrument :
BNA_P
ClientSampleId :
TP-1

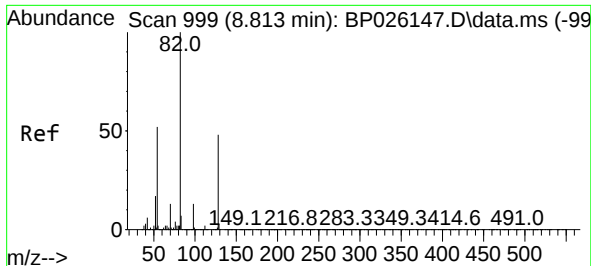
Tgt Ion: 99 Resp: 1651473
Ion Ratio Lower Upper
99 100
42 16.4 12.9 19.3
71 32.9 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.413 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BP026300.D
Acq: 11 Dec 2025 20:00

Tgt Ion: 136 Resp: 839587
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.6 6.4 9.6
68 5.2 4.9 7.3

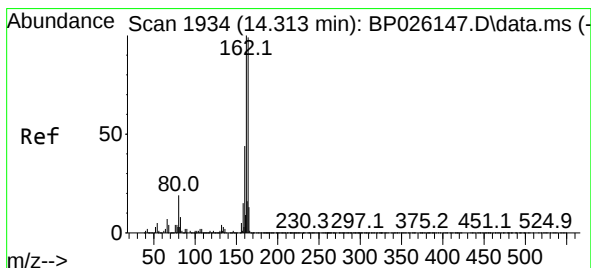
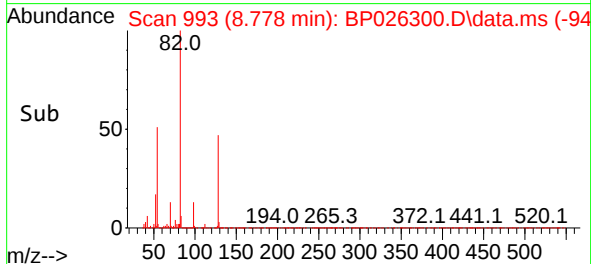
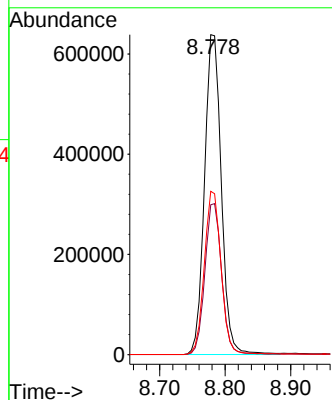
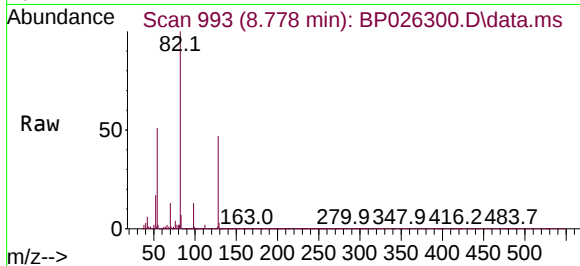




#23
Nitrobenzene-d5
Concen: 76.925 ng
RT: 8.778 min Scan# 999
Delta R.T. -0.012 min
Lab File: BP026300.D
Acq: 11 Dec 2025 20:00

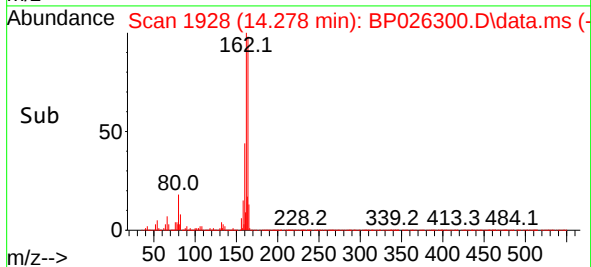
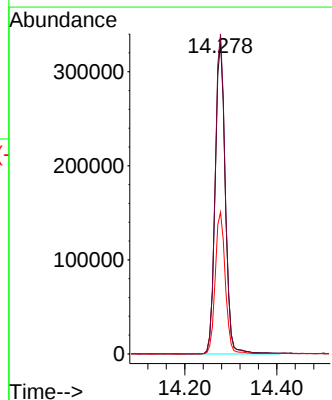
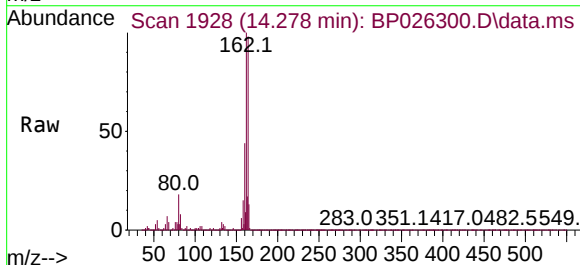
Instrument :
BNA_P
ClientSampleId :
TP-1

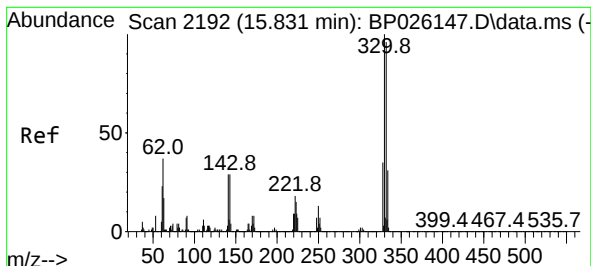
Tgt Ion: 82 Resp: 1134657
Ion Ratio Lower Upper
82 100
128 46.8 37.4 56.0
54 51.0 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.278 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BP026300.D
Acq: 11 Dec 2025 20:00

Tgt Ion:164 Resp: 503971
Ion Ratio Lower Upper
164 100
162 102.5 80.3 120.5
160 45.4 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 123.417 ng

RT: 15.801 min Scan# 2192

Delta R.T. -0.006 min

Lab File: BP026300.D

Acq: 11 Dec 2025 20:00

Instrument :

BNA_P

ClientSampleId :

TP-1

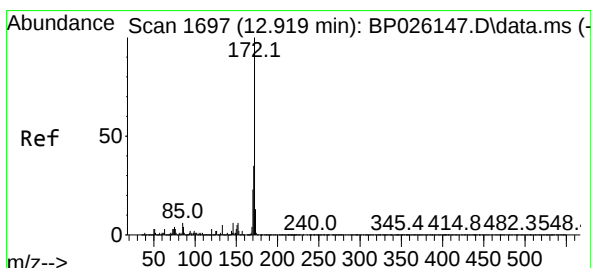
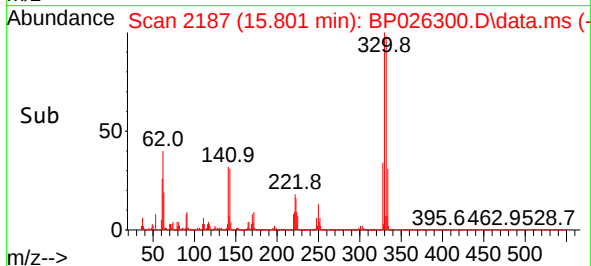
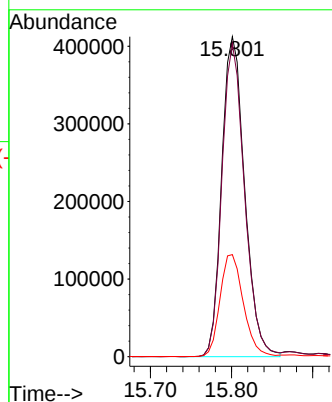
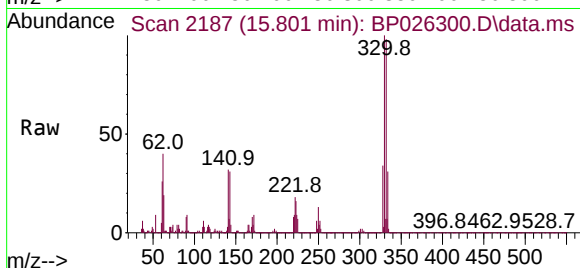
Tgt Ion:330 Resp: 808869

Ion Ratio Lower Upper

330 100

332 96.4 78.0 117.0

141 32.4 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 78.842 ng

RT: 12.883 min Scan# 1691

Delta R.T. -0.018 min

Lab File: BP026300.D

Acq: 11 Dec 2025 20:00

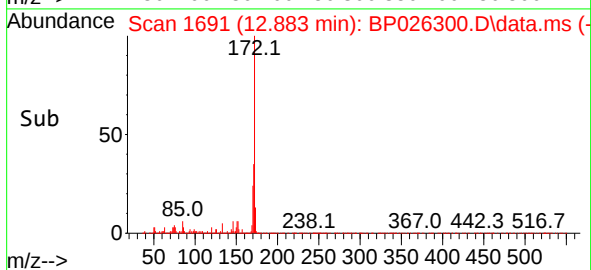
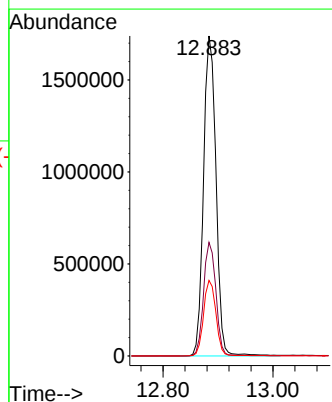
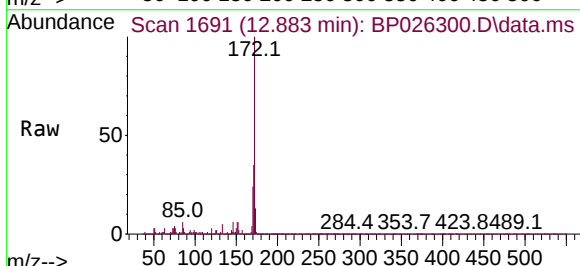
Tgt Ion:172 Resp: 2732979

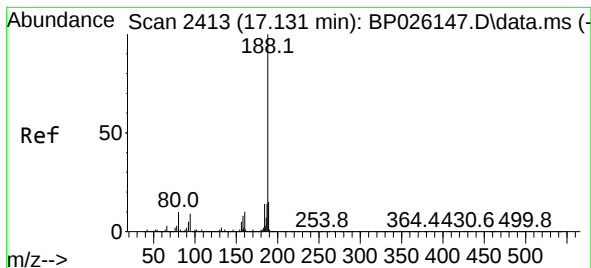
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

170 23.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.089 min Scan# 2413

Delta R.T. -0.006 min

Lab File: BP026300.D

Acq: 11 Dec 2025 20:00

Instrument :

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ClientSampleId :

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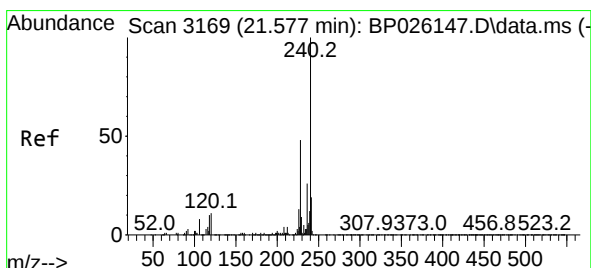
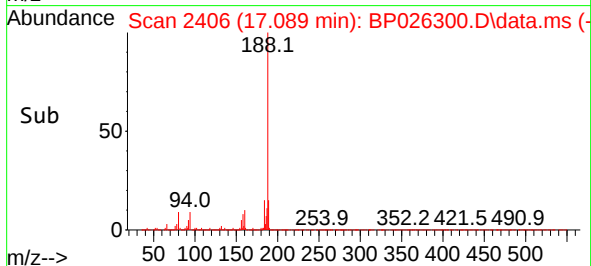
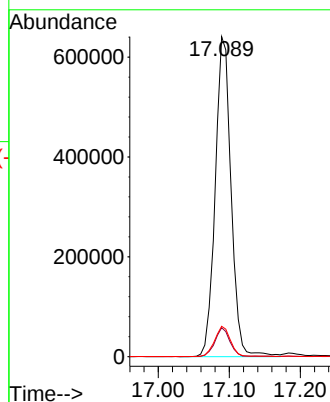
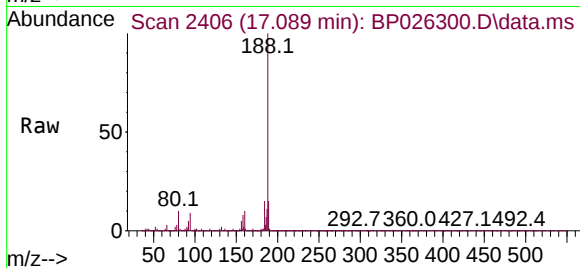
Tgt Ion:188 Resp: 995962

Ion Ratio Lower Upper

188 100

94 9.1 7.8 11.6

80 9.5 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: BP026300.D

Acq: 11 Dec 2025 20:00

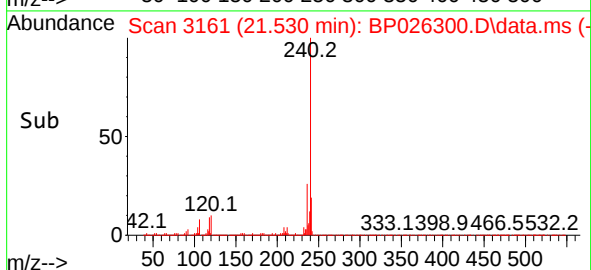
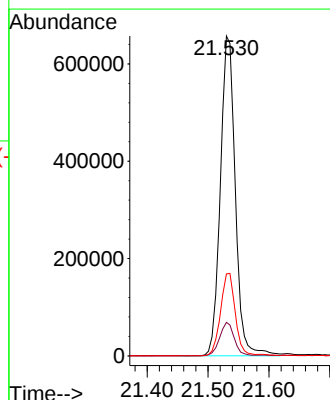
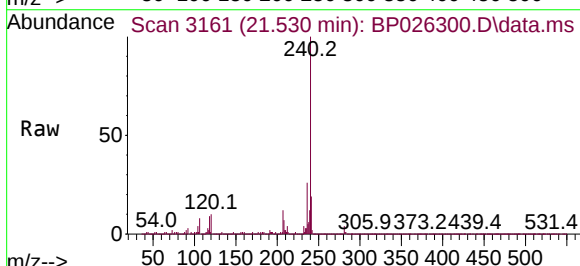
Tgt Ion:240 Resp: 1124107

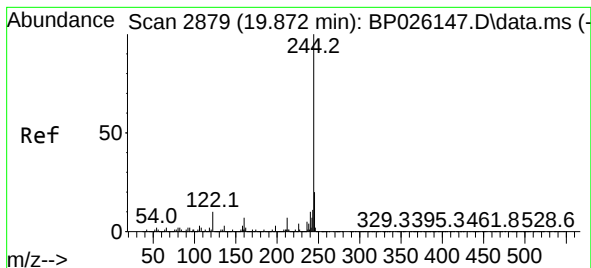
Ion Ratio Lower Upper

240 100

120 10.5 9.0 13.4

236 25.7 20.4 30.6





#79

Terphenyl-d14

Concen: 81.827 ng

RT: 19.830 min Scan# 2872

Delta R.T. -0.006 min

Lab File: BP026300.D

Acq: 11 Dec 2025 20:00

Instrument :

BNA_P

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TP-1

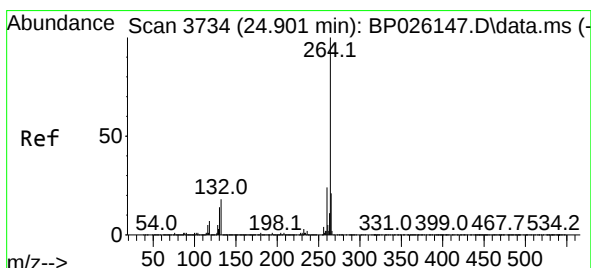
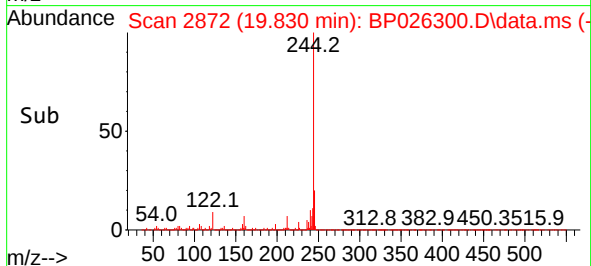
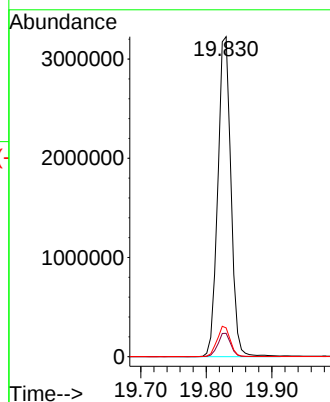
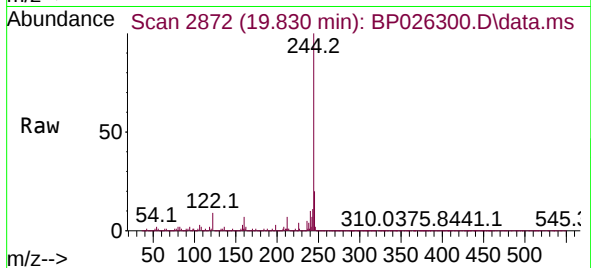
Tgt Ion:244 Resp: 4500259

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 9.0 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.830 min Scan# 3722

Delta R.T. 0.006 min

Lab File: BP026300.D

Acq: 11 Dec 2025 20:00

Tgt Ion:264 Resp: 1264411

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 22.0 17.5 26.3

