

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
 Data File : BP026298.D
 Acq On : 11 Dec 2025 18:37
 Operator : RC/JU
 Sample : Q3826-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-15

Quant Time: Dec 11 23:41:43 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	224195	20.000	ng	0.00
21) Naphthalene-d8	10.407	136	828342	20.000	ng	-0.01
39) Acenaphthene-d10	14.272	164	488231	20.000	ng	-0.02
64) Phenanthrene-d10	17.084	188	978822	20.000	ng	-0.01
76) Chrysene-d12	21.530	240	1126268	20.000	ng	0.00
86) Perylene-d12	24.818	264	975990	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.272	112	1530088	109.722	ng	0.00
7) Phenol-d6	6.831	99	1696694	96.388	ng	0.00
23) Nitrobenzene-d5	8.778	82	1194815	82.103	ng	-0.01
42) 2,4,6-Tribromophenol	15.795	330	833241	131.234	ng	-0.01
45) 2-Fluorobiphenyl	12.884	172	2850666	84.889	ng	-0.02
79) Terphenyl-d14	19.830	244	4597552	83.435	ng	0.00

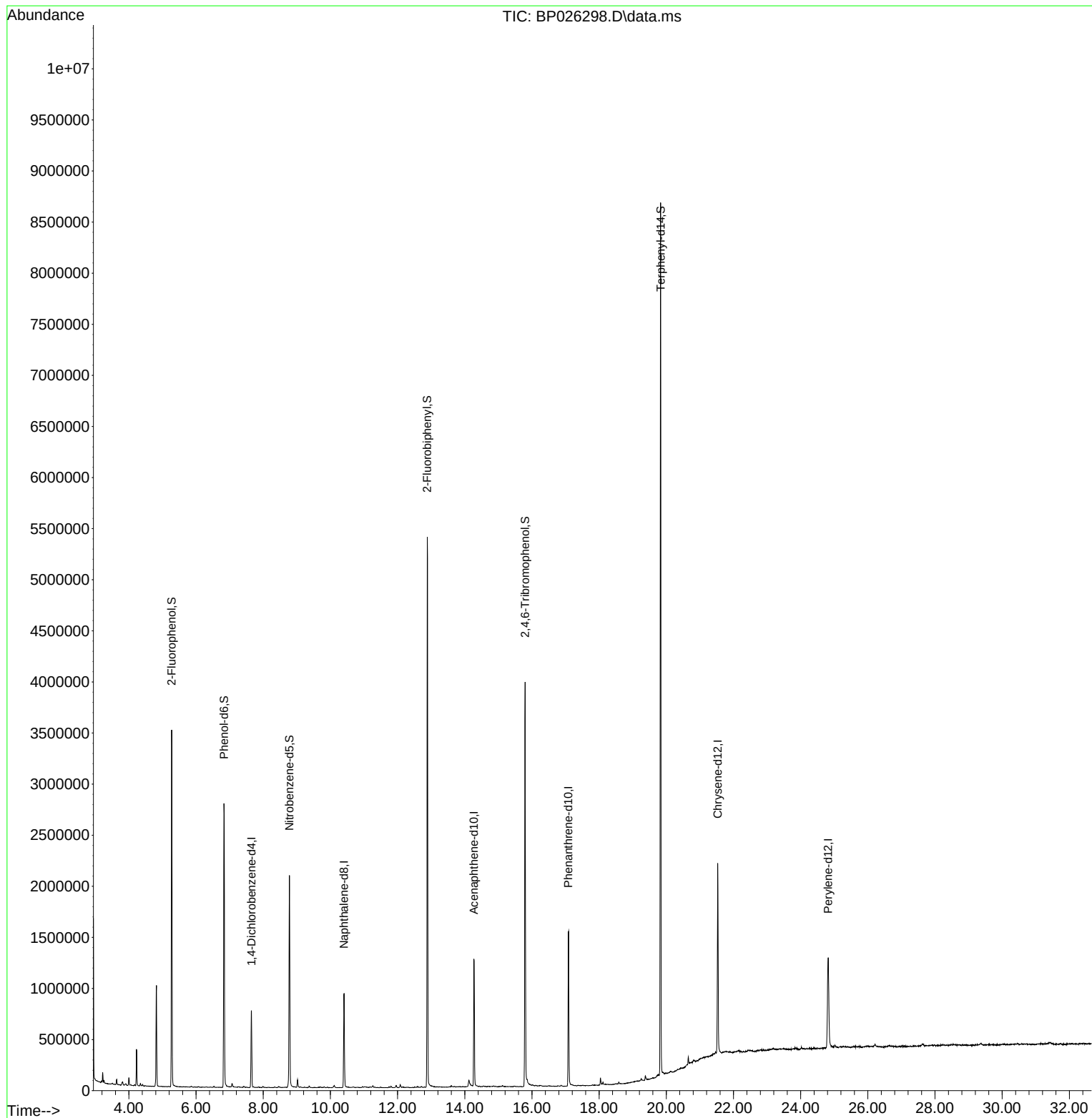
Target Compounds	Qvalue

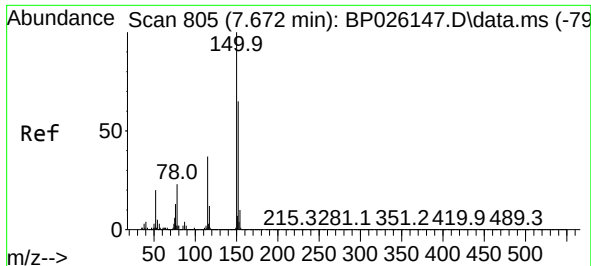
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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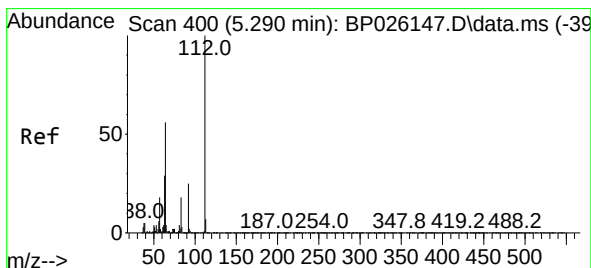
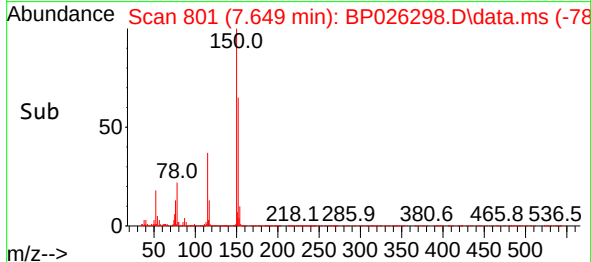
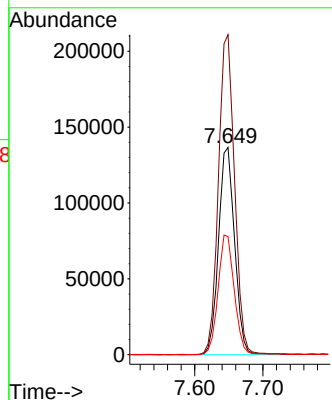
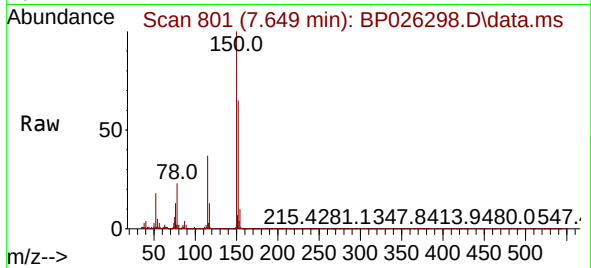




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 805
Delta R.T. -0.006 min
Lab File: BP026298.D
Acq: 11 Dec 2025 18:37

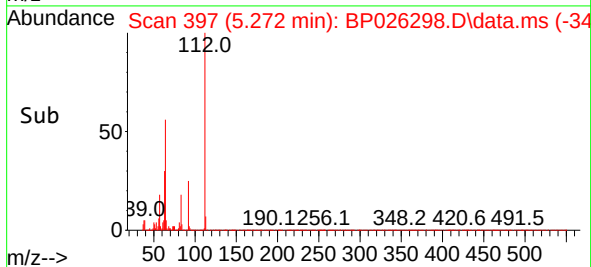
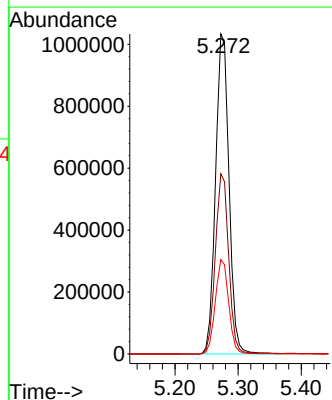
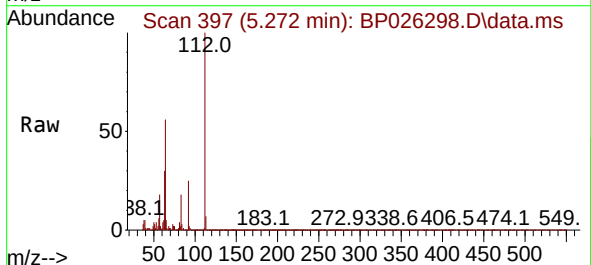
Instrument :
BNA_P
ClientSampleId :
TP-15

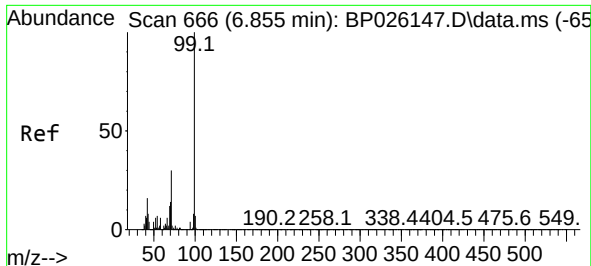
Tgt Ion:152 Resp: 224195
Ion Ratio Lower Upper
152 100
150 154.5 123.0 184.6
115 57.0 46.3 69.5



#5
2-Fluorophenol
Concen: 109.722 ng
RT: 5.272 min Scan# 397
Delta R.T. -0.006 min
Lab File: BP026298.D
Acq: 11 Dec 2025 18:37

Tgt Ion:112 Resp: 1530088
Ion Ratio Lower Upper
112 100
64 56.3 45.8 68.6
63 29.5 23.5 35.3

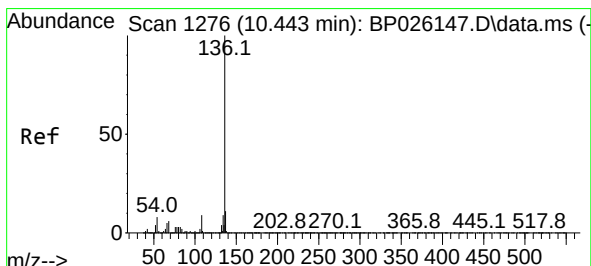
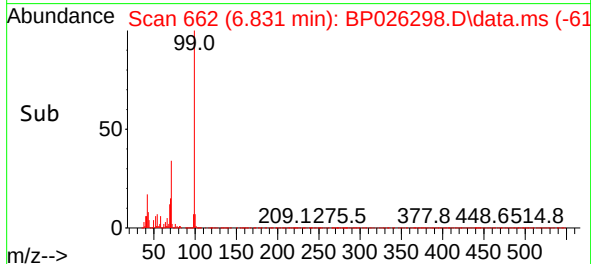
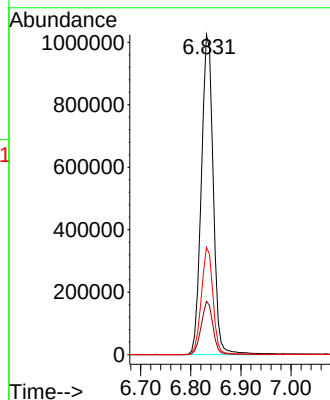
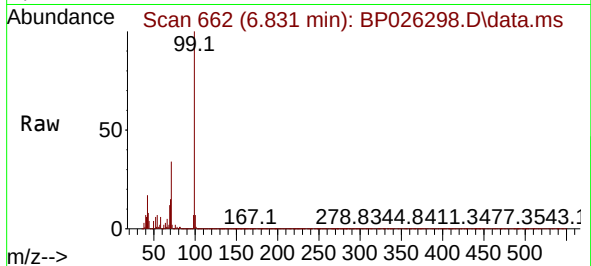




#7
Phenol-d6
Concen: 96.388 ng
RT: 6.831 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP026298.D
Acq: 11 Dec 2025 18:37

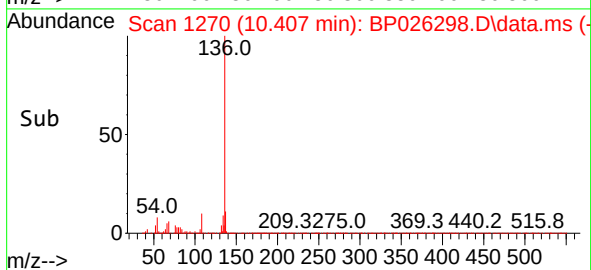
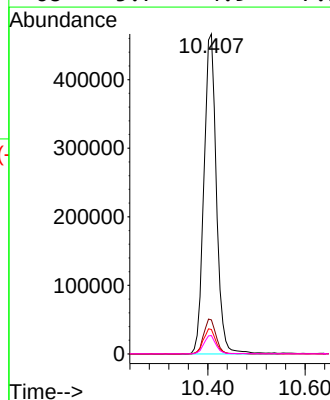
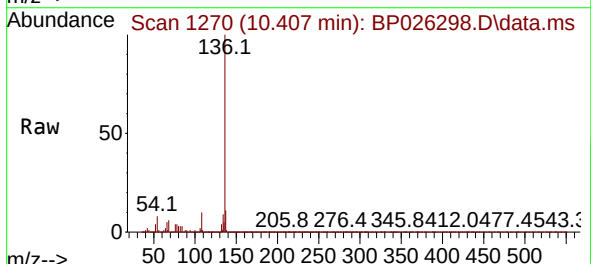
Instrument :
BNA_P
ClientSampleId :
TP-15

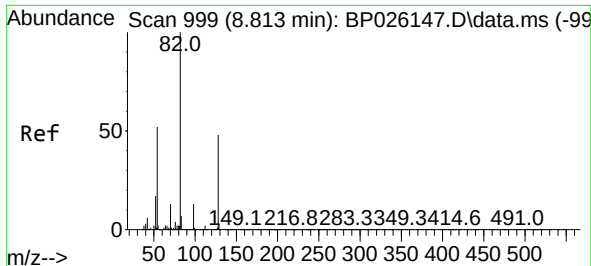
Tgt Ion: 99 Resp: 1696694
Ion Ratio Lower Upper
99 100
42 16.7 12.9 19.3
71 33.6 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.407 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BP026298.D
Acq: 11 Dec 2025 18:37

Tgt Ion: 136 Resp: 828342
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 7.6 6.4 9.6
68 5.7 4.9 7.3

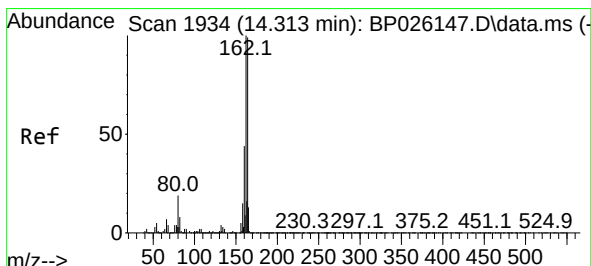
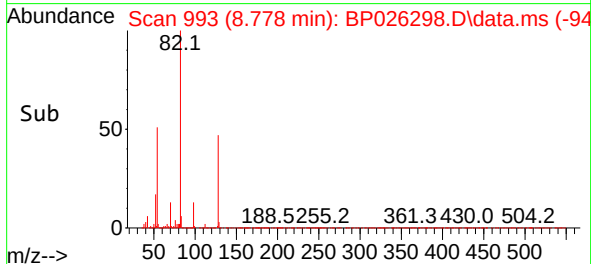
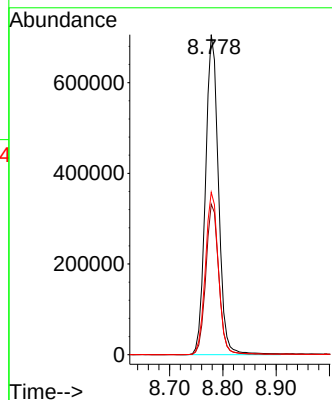
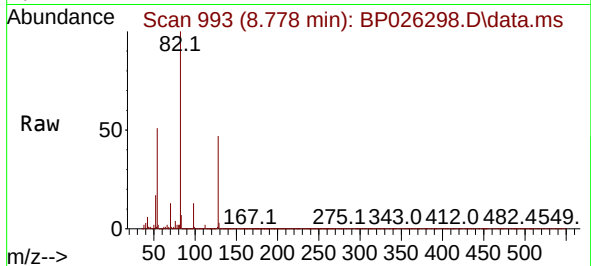




#23
Nitrobenzene-d5
Concen: 82.103 ng
RT: 8.778 min Scan# 999
Delta R.T. -0.012 min
Lab File: BP026298.D
Acq: 11 Dec 2025 18:37

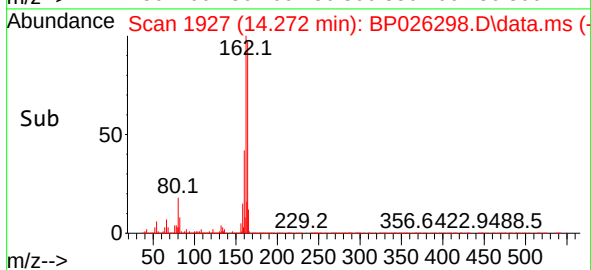
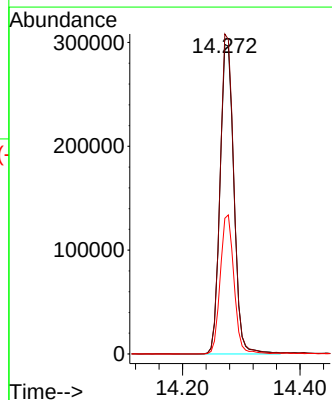
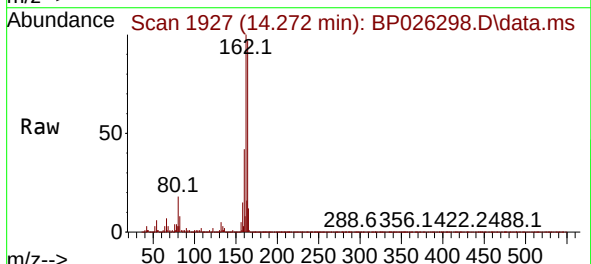
Instrument :
BNA_P
ClientSampleId :
TP-15

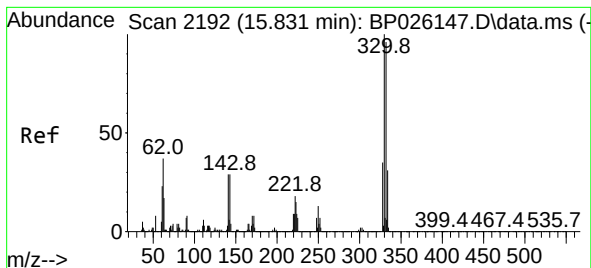
Tgt Ion: 82 Resp: 1194815
Ion Ratio Lower Upper
82 100
128 47.1 37.4 56.0
54 50.7 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.272 min Scan# 1927
Delta R.T. -0.018 min
Lab File: BP026298.D
Acq: 11 Dec 2025 18:37

Tgt Ion:164 Resp: 488231
Ion Ratio Lower Upper
164 100
162 103.4 80.3 120.5
160 43.8 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 131.234 ng

RT: 15.795 min Scan# 2192

Delta R.T. -0.012 min

Lab File: BP026298.D

Acq: 11 Dec 2025 18:37

Instrument :

BNA_P

ClientSampleId :

TP-15

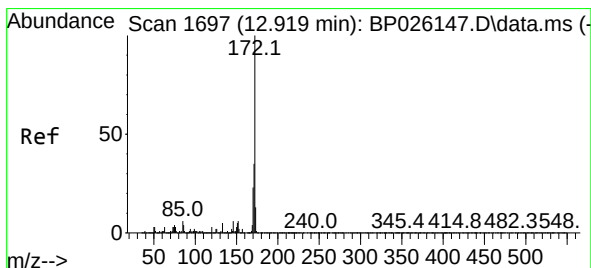
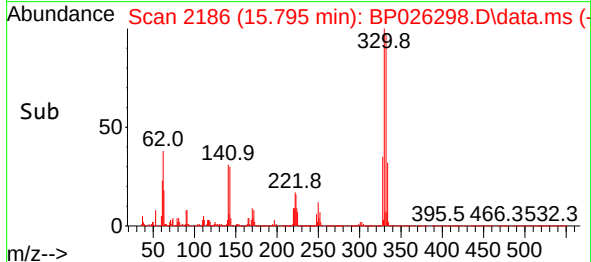
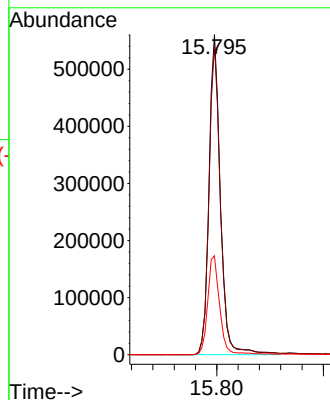
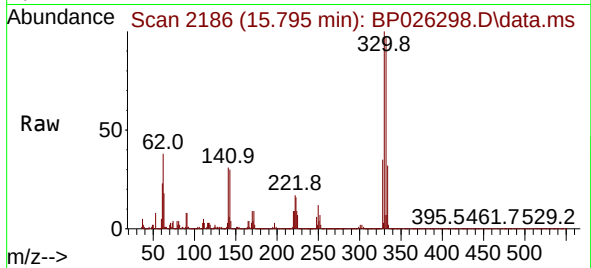
Tgt Ion:330 Resp: 833241

Ion Ratio Lower Upper

330 100

332 97.0 78.0 117.0

141 32.5 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 84.889 ng

RT: 12.884 min Scan# 1691

Delta R.T. -0.018 min

Lab File: BP026298.D

Acq: 11 Dec 2025 18:37

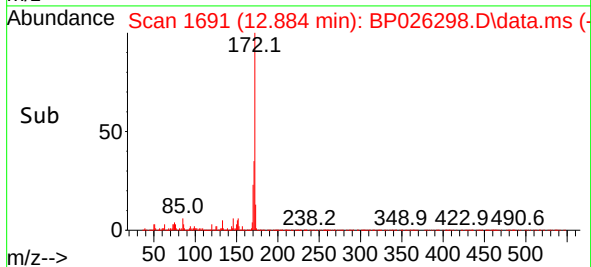
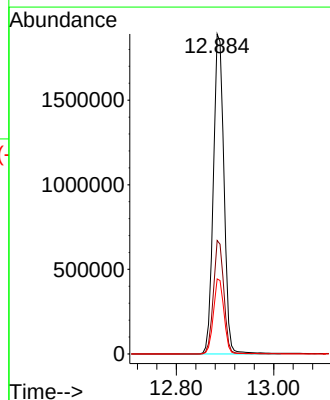
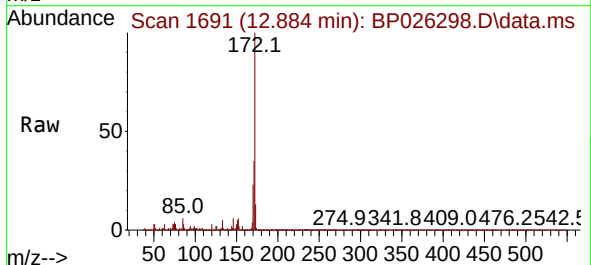
Tgt Ion:172 Resp: 2850666

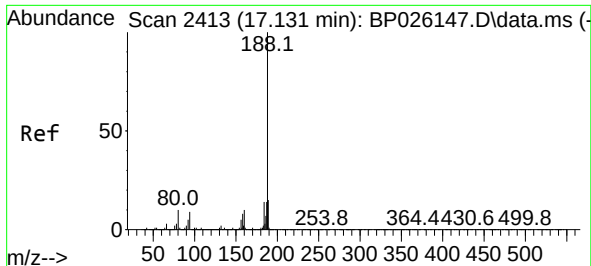
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

170 23.5 18.7 28.1

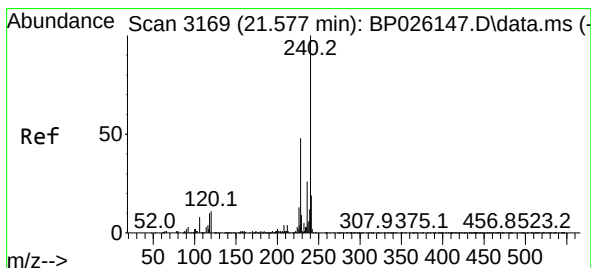
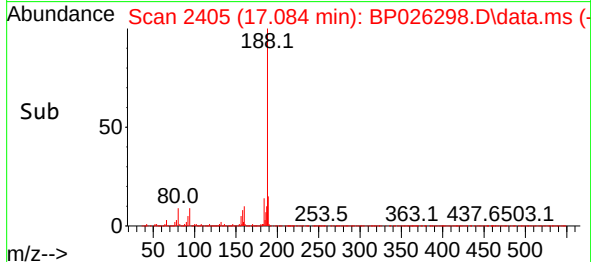
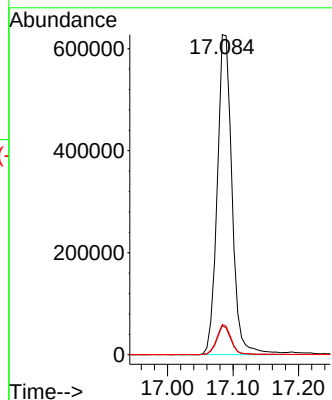
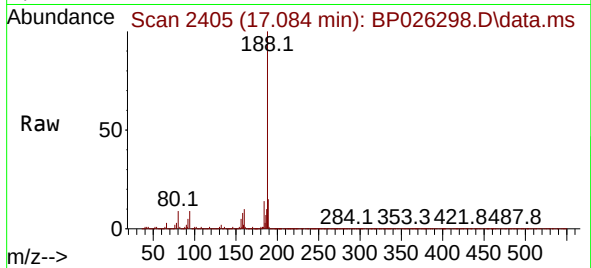




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.084 min Scan# 2413
Delta R.T. -0.012 min
Lab File: BP026298.D
Acq: 11 Dec 2025 18:37

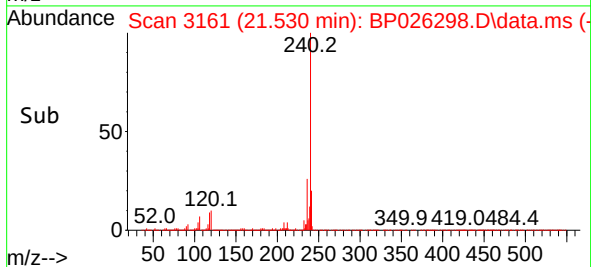
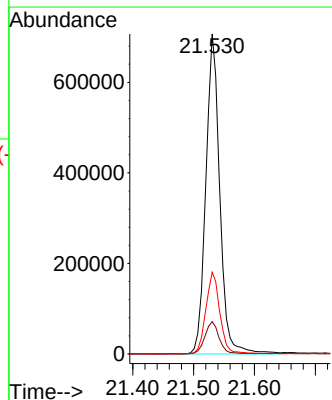
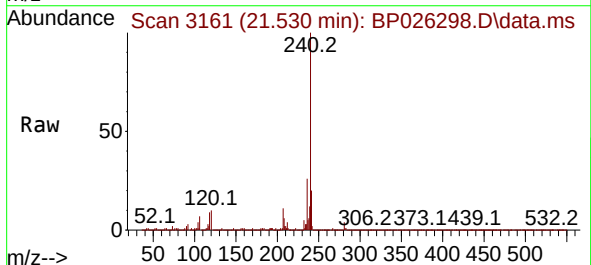
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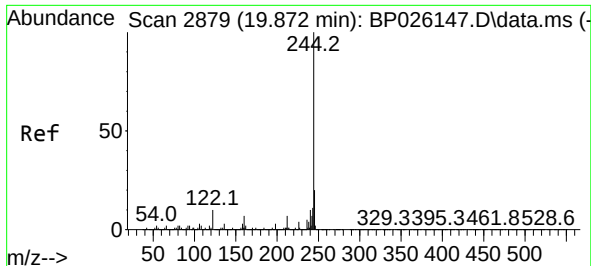
Tgt Ion:188 Resp: 978822
Ion Ratio Lower Upper
188 100
94 9.0 7.8 11.6
80 9.4 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BP026298.D
Acq: 11 Dec 2025 18:37

Tgt Ion:240 Resp: 1126268
Ion Ratio Lower Upper
240 100
120 10.1 9.0 13.4
236 25.6 20.4 30.6

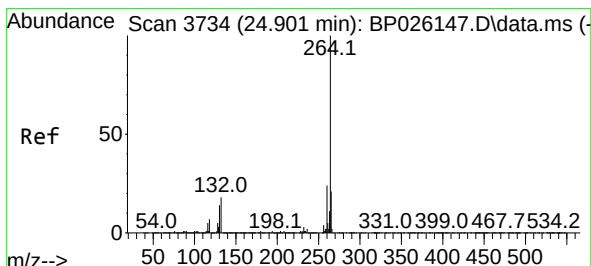
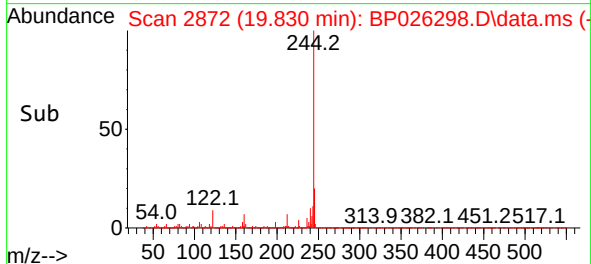
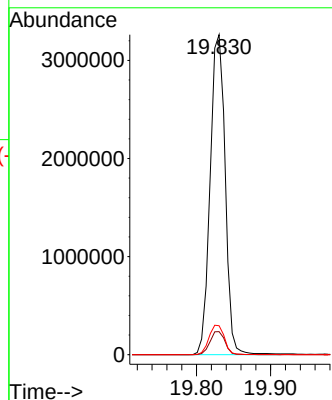
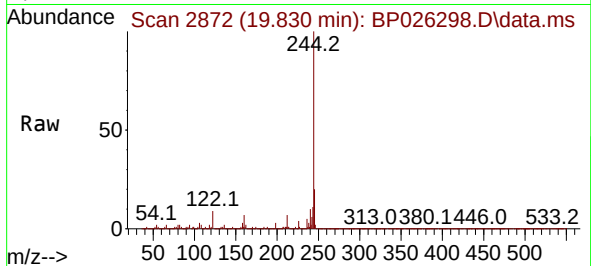




#79
 Terphenyl-d14
 Concen: 83.435 ng
 RT: 19.830 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP026298.D
 Acq: 11 Dec 2025 18:37

Instrument :
 BNA_P
 ClientSampleId :
 TP-15

Tgt Ion:244 Resp: 4597552
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 9.1 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.818 min Scan# 3720
 Delta R.T. -0.006 min
 Lab File: BP026298.D
 Acq: 11 Dec 2025 18:37

Tgt Ion:264 Resp: 975990
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.7 28.1
 265 22.9 17.5 26.3

