

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100825\
 Data File : BP025959.D
 Acq On : 08 Oct 2025 18:51
 Operator : RC/JU
 Sample : Q3308-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-3(6.0-6.5)

Quant Time: Oct 09 01:28:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 08 16:22:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	114937	20.000	ng	0.00
21) Naphthalene-d8	10.507	136	426606	20.000	ng	0.02
39) Acenaphthene-d10	14.348	164	286180	20.000	ng	0.01
64) Phenanthrene-d10	17.148	188	599775	20.000	ng	0.02
76) Chrysene-d12	21.589	240	693716	20.000	ng	0.02
86) Perylene-d12	24.918	264	790565	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	454839	64.589	ng	0.00
7) Phenol-d6	6.954	99	572578	61.571	ng	0.02
23) Nitrobenzene-d5	8.890	82	329197	34.537	ng	0.01
42) 2,4,6-Tribromophenol	15.877	330	264062	73.886	ng	0.02
45) 2-Fluorobiphenyl	12.960	172	682272	32.026	ng	0.01
79) Terphenyl-d14	19.860	244	1467018	38.132	ng	0.00

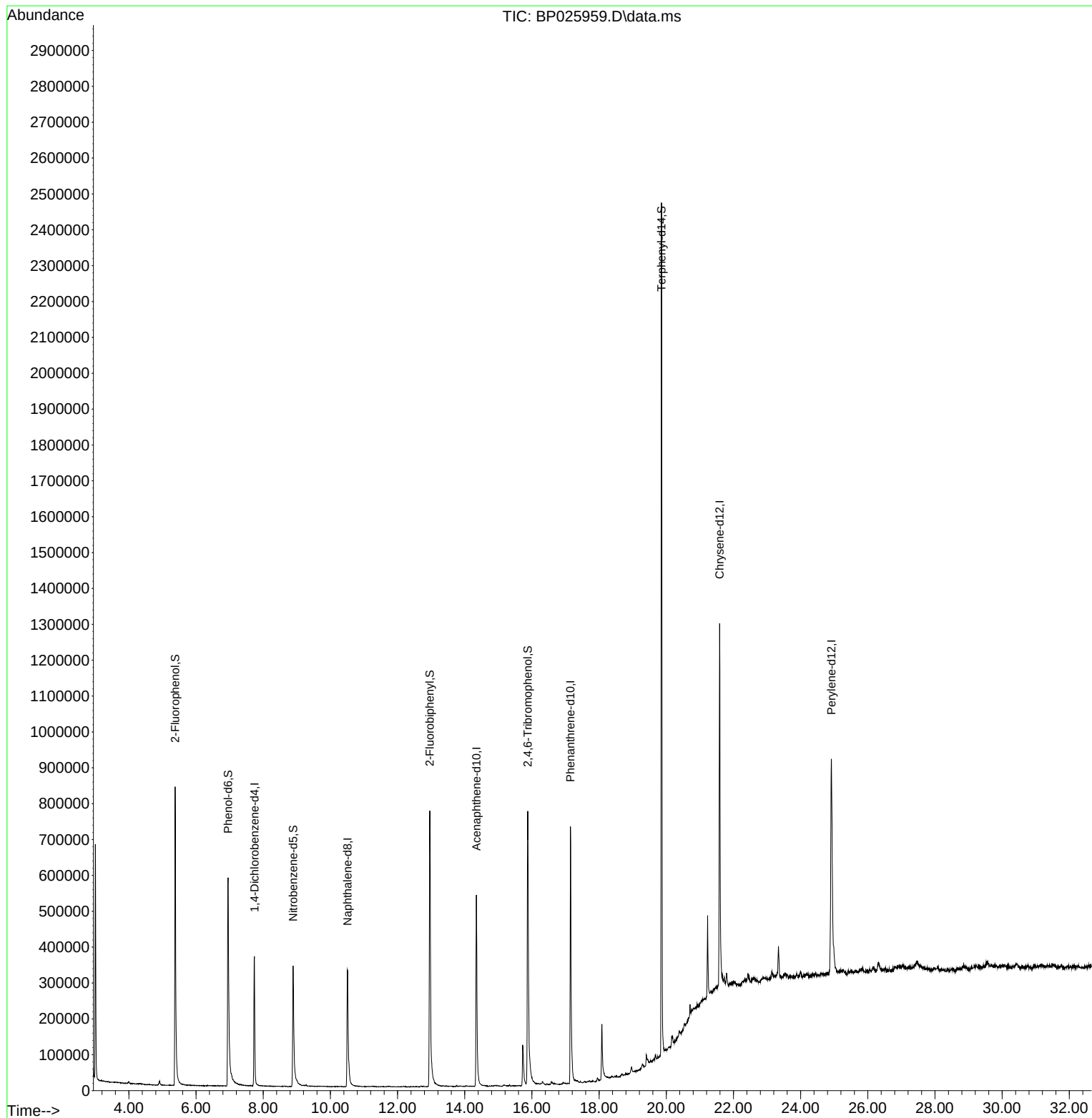
Target Compounds	Qvalue

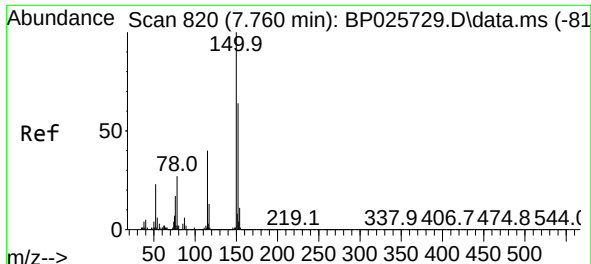
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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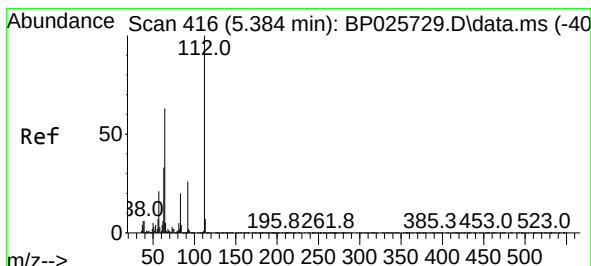
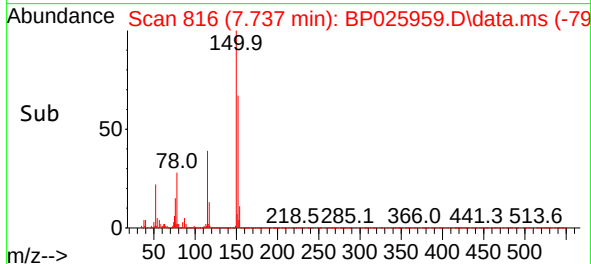
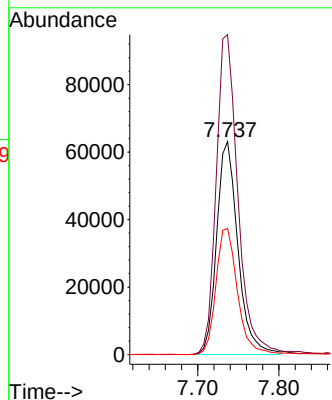
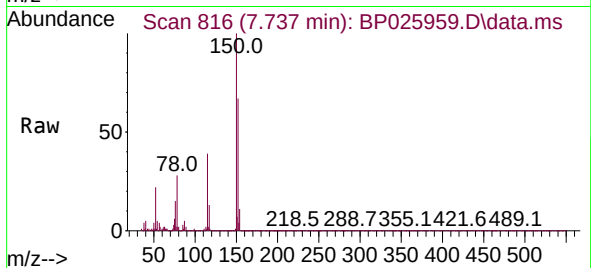




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.737 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP025959.D
Acq: 08 Oct 2025 18:51

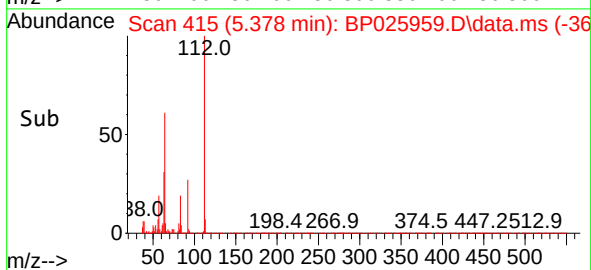
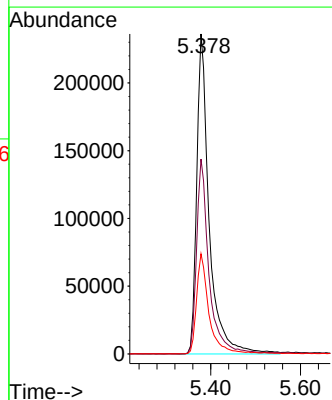
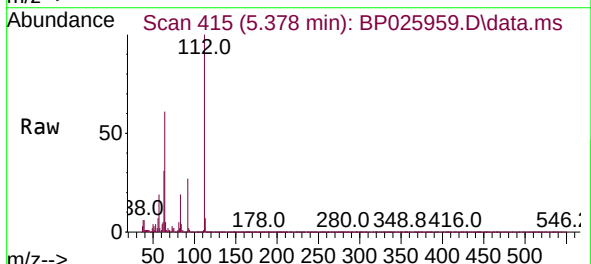
Instrument :
BNA_P
ClientSampleId :
S-3(6.0-6.5)

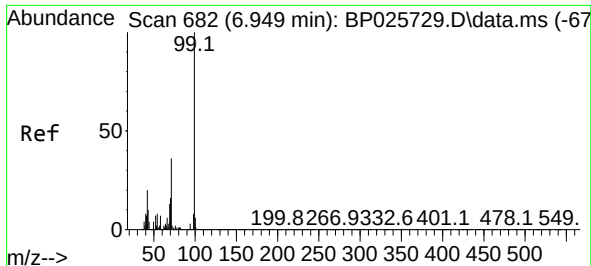
Tgt Ion:152 Resp: 114937
Ion Ratio Lower Upper
152 100
150 150.2 124.3 186.5
115 59.3 50.3 75.5



#5
2-Fluorophenol
Concen: 64.589 ng
RT: 5.378 min Scan# 415
Delta R.T. 0.005 min
Lab File: BP025959.D
Acq: 08 Oct 2025 18:51

Tgt Ion:112 Resp: 454839
Ion Ratio Lower Upper
112 100
64 60.9 50.2 75.4
63 31.3 26.7 40.1

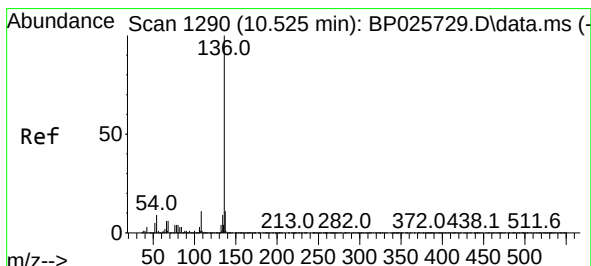
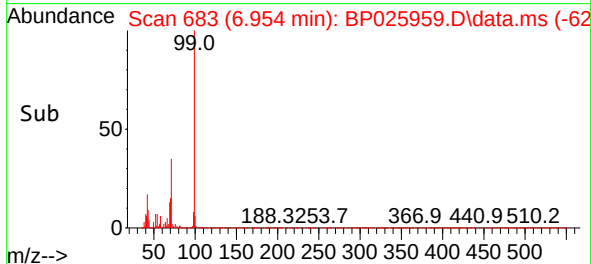
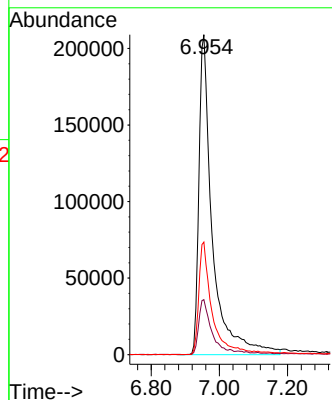
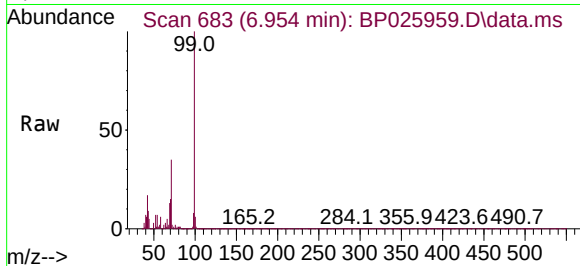




#7
Phenol-d6
Concen: 61.571 ng
RT: 6.954 min Scan# 682
Delta R.T. 0.017 min
Lab File: BP025959.D
Acq: 08 Oct 2025 18:51

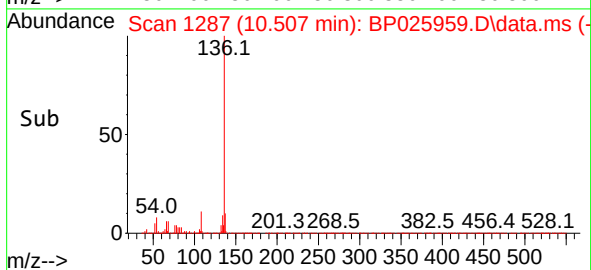
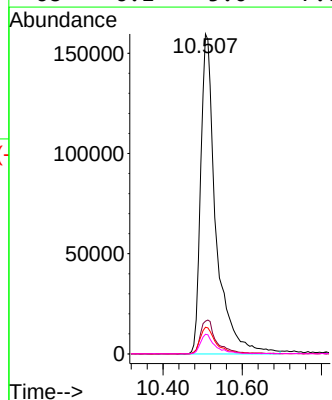
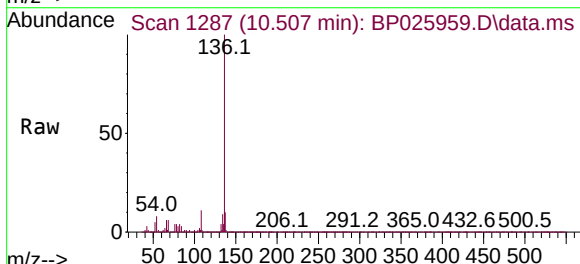
Instrument :
BNA_P
ClientSampleId :
S-3(6.0-6.5)

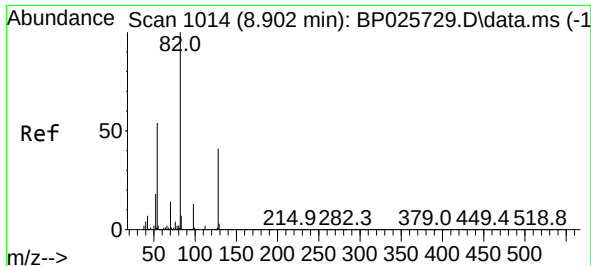
Tgt Ion: 99 Resp: 572578
Ion Ratio Lower Upper
99 100
42 17.2 15.6 23.4
71 35.2 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.507 min Scan# 1287
Delta R.T. 0.017 min
Lab File: BP025959.D
Acq: 08 Oct 2025 18:51

Tgt Ion:136 Resp: 426606
Ion Ratio Lower Upper
136 100
137 10.2 8.7 13.1
54 8.3 7.5 11.3
68 6.1 5.0 7.6

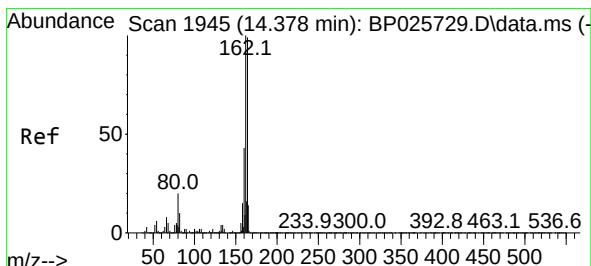
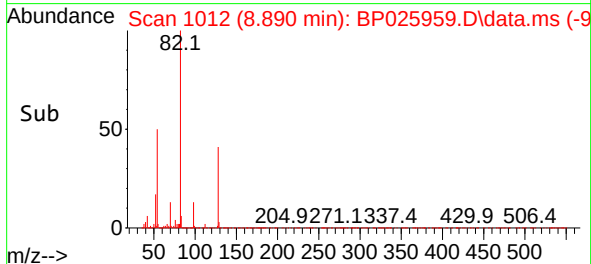
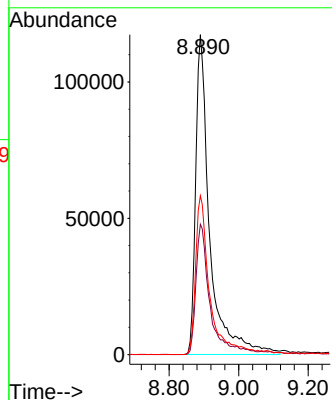
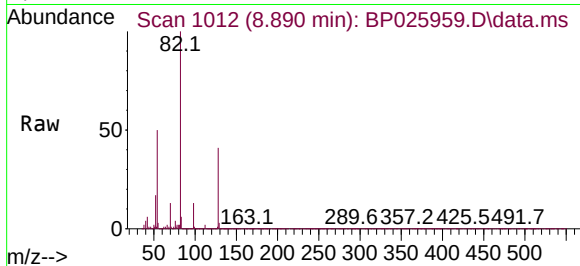




#23
Nitrobenzene-d5
Concen: 34.537 ng
RT: 8.890 min Scan# 10
Delta R.T. 0.011 min
Lab File: BP025959.D
Acq: 08 Oct 2025 18:51

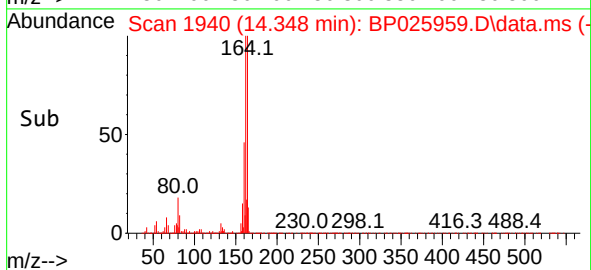
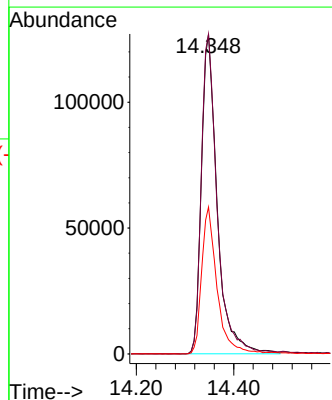
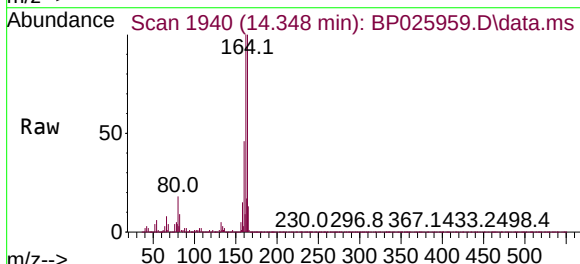
Instrument :
BNA_P
ClientSampleId :
S-3(6.0-6.5)

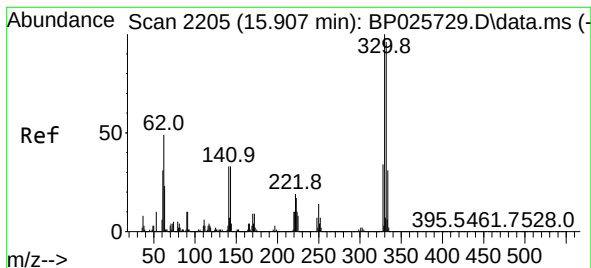
Tgt Ion: 82 Resp: 329197
Ion Ratio Lower Upper
82 100
128 40.7 32.9 49.3
54 49.6 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.348 min Scan# 1940
Delta R.T. 0.011 min
Lab File: BP025959.D
Acq: 08 Oct 2025 18:51

Tgt Ion: 164 Resp: 286180
Ion Ratio Lower Upper
164 100
162 100.1 80.6 120.8
160 45.9 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 73.886 ng

RT: 15.877 min Scan# 21

Delta R.T. 0.023 min

Lab File: BP025959.D

Acq: 08 Oct 2025 18:51

Instrument :

BNA_P

ClientSampleId :

S-3(6.0-6.5)

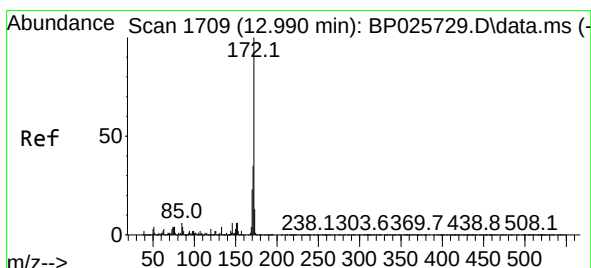
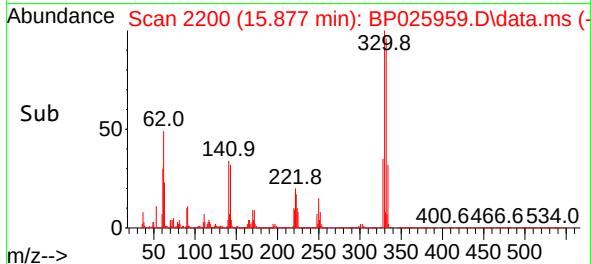
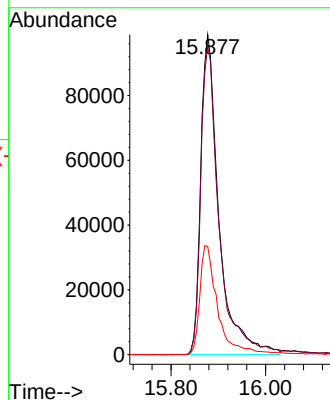
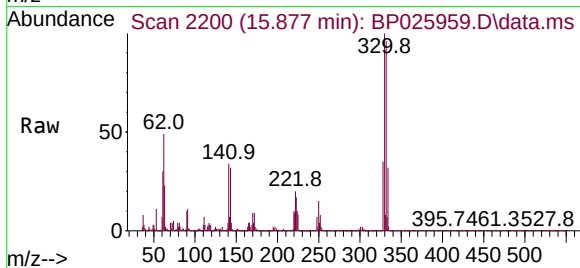
Tgt Ion:330 Resp: 264062

Ion Ratio Lower Upper

330 100

332 97.0 76.9 115.3

141 34.1 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 32.026 ng

RT: 12.960 min Scan# 1704

Delta R.T. 0.011 min

Lab File: BP025959.D

Acq: 08 Oct 2025 18:51

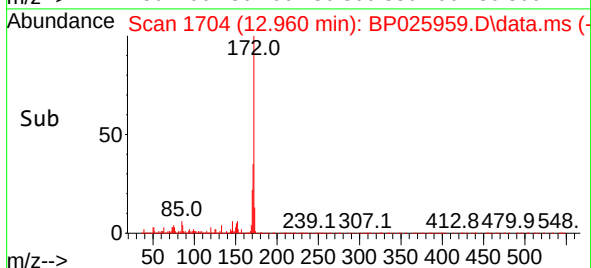
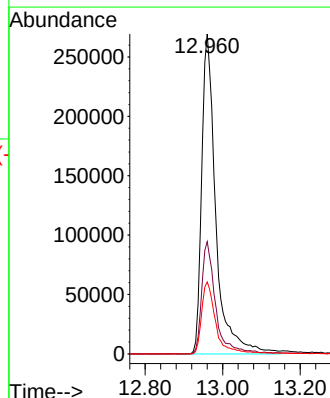
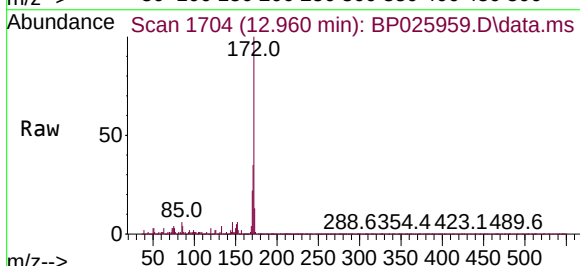
Tgt Ion:172 Resp: 682272

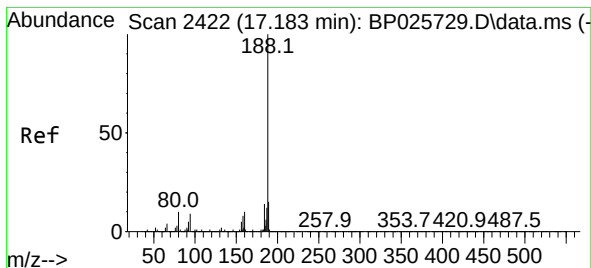
Ion Ratio Lower Upper

172 100

171 35.1 27.8 41.6

170 22.5 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.148 min Scan# 24

Delta R.T. 0.017 min

Lab File: BP025959.D

Acq: 08 Oct 2025 18:51

Instrument :

BNA_P

ClientSampleId :

S-3(6.0-6.5)

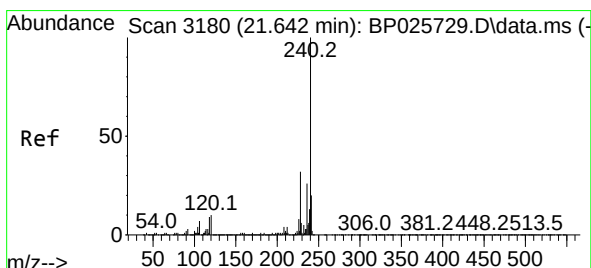
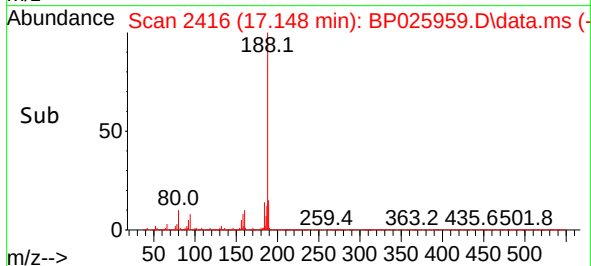
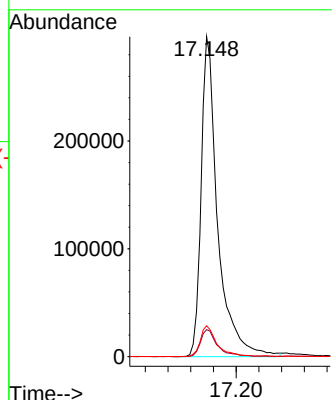
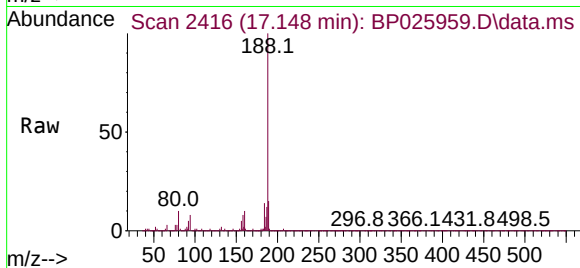
Tgt Ion:188 Resp: 599775

Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.0

80 9.6 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.589 min Scan# 3171

Delta R.T. 0.017 min

Lab File: BP025959.D

Acq: 08 Oct 2025 18:51

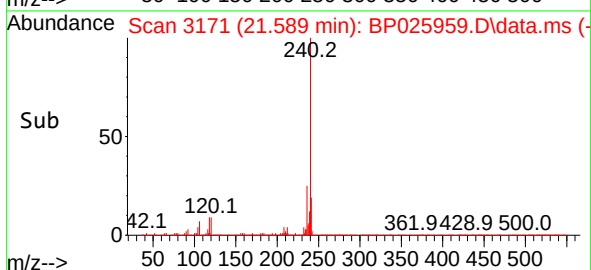
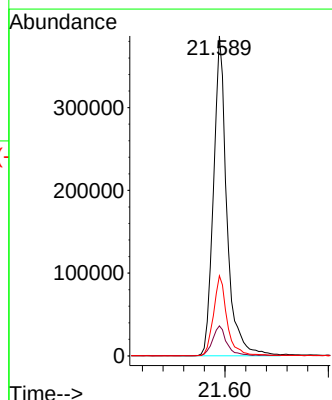
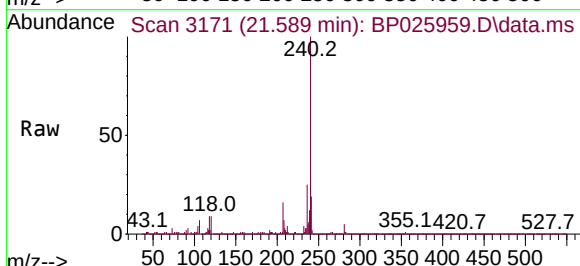
Tgt Ion:240 Resp: 693716

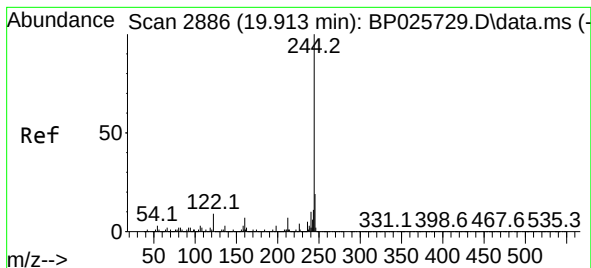
Ion Ratio Lower Upper

240 100

120 9.4 8.0 12.0

236 25.0 20.7 31.1





#79

Terphenyl-d14

Concen: 38.132 ng

RT: 19.860 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025959.D

Acq: 08 Oct 2025 18:51

Instrument :

BNA_P

ClientSampleId :

S-3(6.0-6.5)

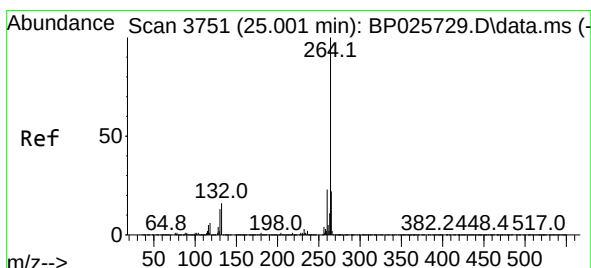
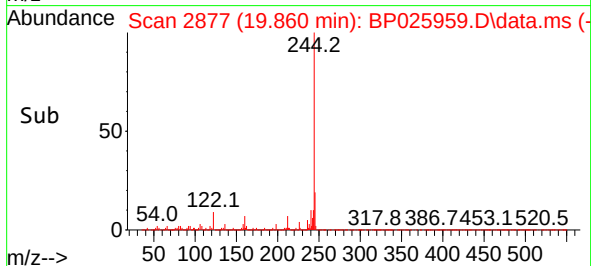
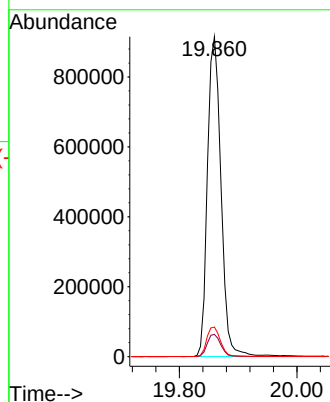
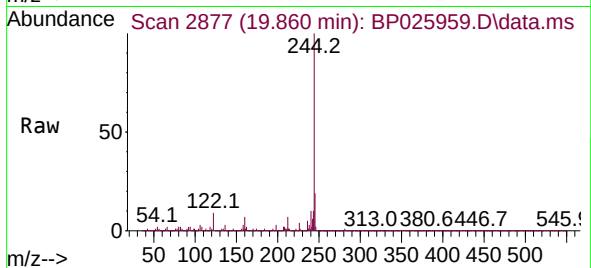
Tgt Ion:244 Resp: 1467018

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 9.2 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.918 min Scan# 3737

Delta R.T. -0.000 min

Lab File: BP025959.D

Acq: 08 Oct 2025 18:51

Tgt Ion:264 Resp: 790565

Ion Ratio Lower Upper

264 100

260 22.3 18.3 27.5

265 23.1 17.3 25.9

