

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
 Data File : BP025349.D
 Acq On : 11 Aug 2025 15:23
 Operator : CG/JU
 Sample : Q2779-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-5

Quant Time: Aug 11 15:46:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 06 06:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	205030	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	764299	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	418728	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	744162	20.000	ng	-0.01
76) Chrysene-d12	21.654	240	755391	20.000	ng	0.00
86) Perylene-d12	25.042	264	894642	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1408519	110.492	ng	0.00
7) Phenol-d6	6.966	99	1527322	91.037	ng	0.00
23) Nitrobenzene-d5	8.937	82	1127109	81.700	ng	0.00
42) 2,4,6-Tribromophenol	15.925	330	534876	128.044	ng	0.00
45) 2-Fluorobiphenyl	13.031	172	2448750	80.774	ng	0.00
79) Terphenyl-d14	19.936	244	3111523	77.801	ng	0.00

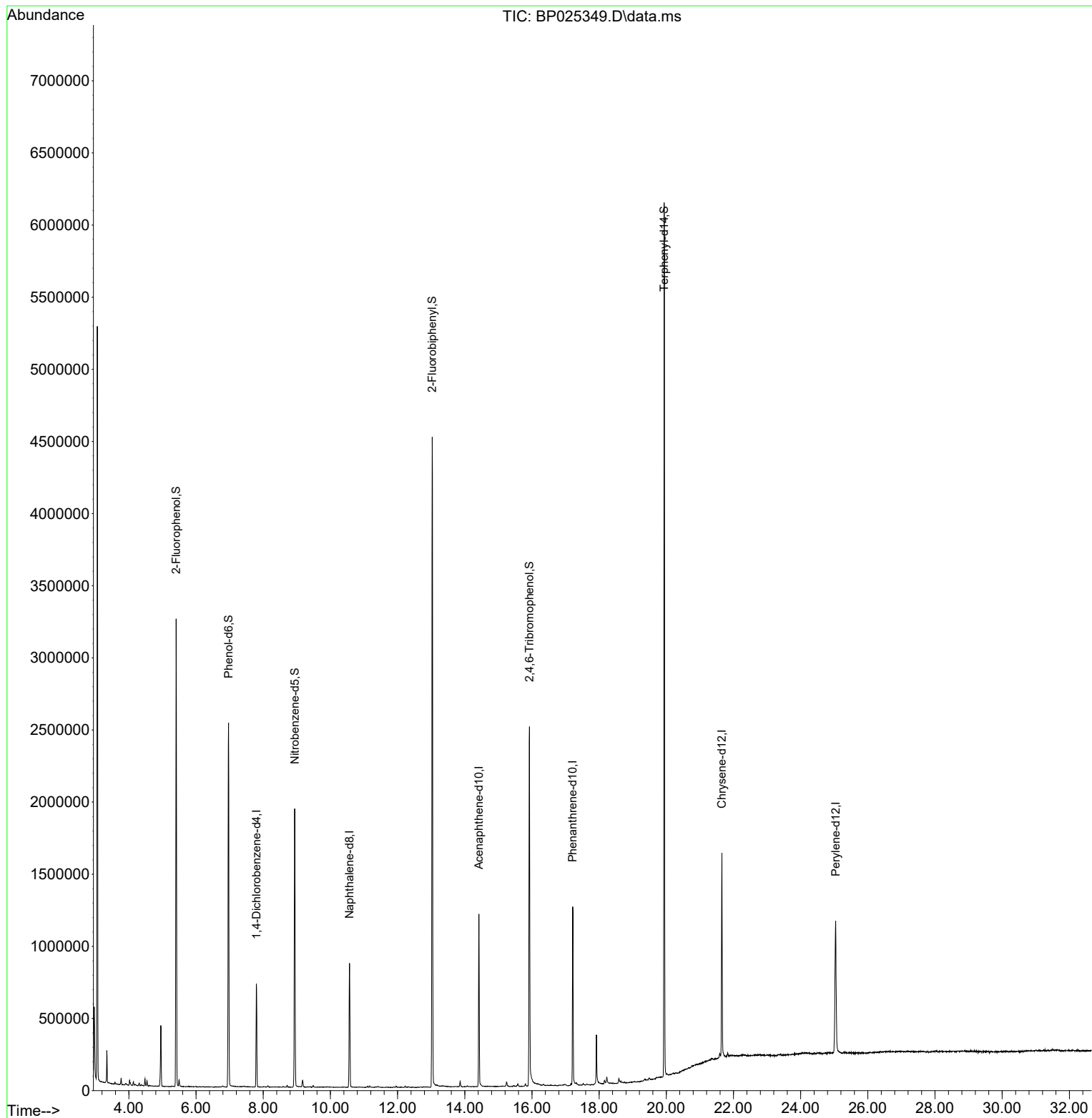
Target Compounds	Qvalue

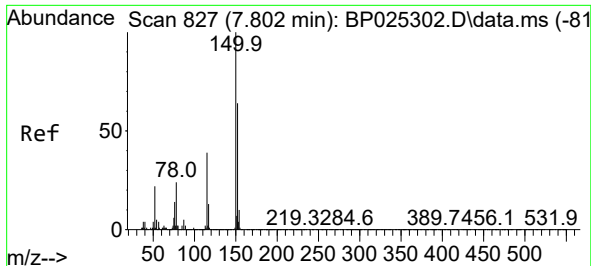
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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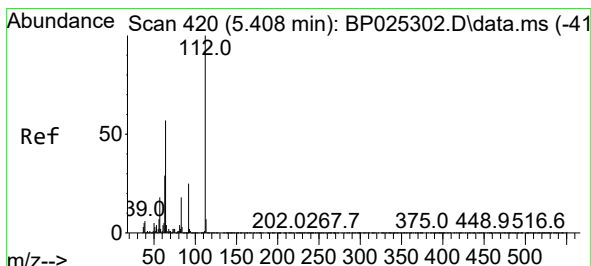
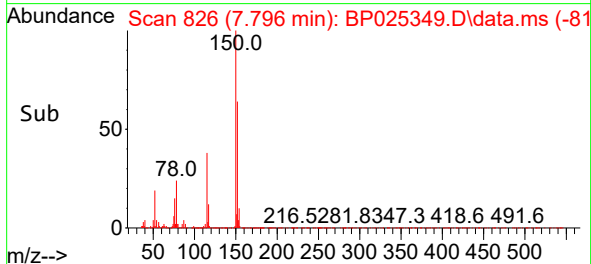
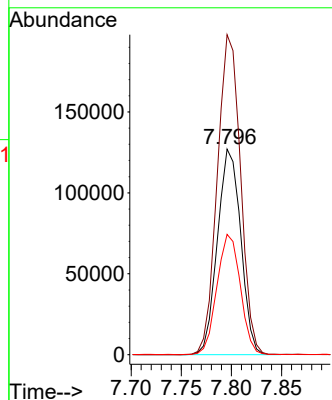
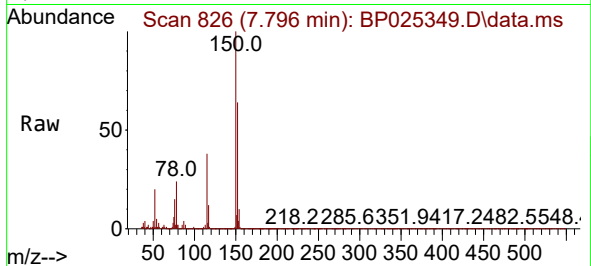




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025349.D
Acq: 11 Aug 2025 15:23

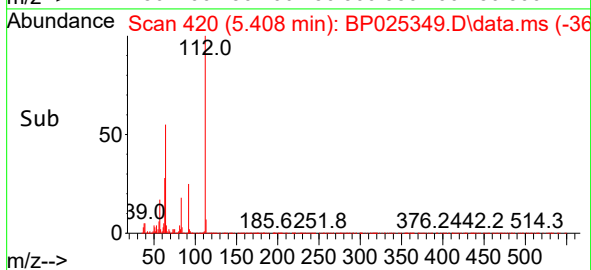
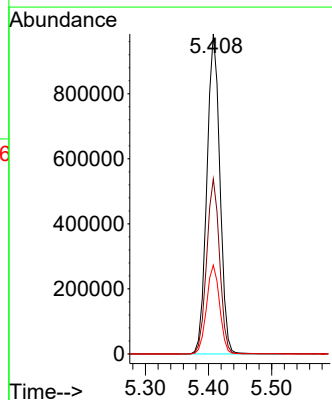
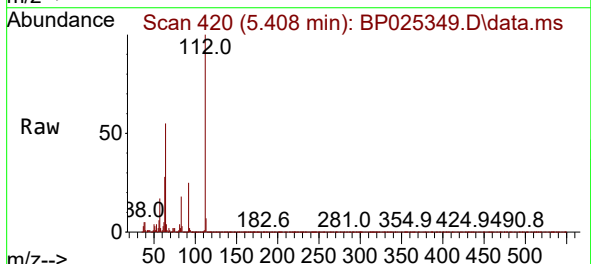
Instrument :
BNA_P
ClientSampleId :
TP-5

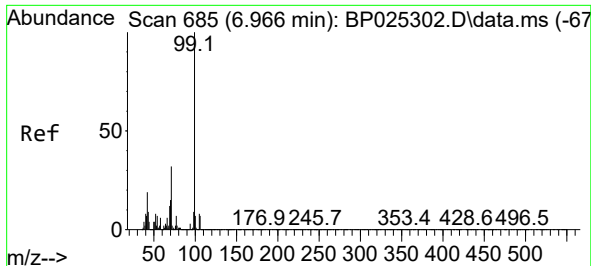
Tgt Ion:152 Resp: 205030
Ion Ratio Lower Upper
152 100
150 155.6 125.1 187.7
115 58.5 48.4 72.6



#5
2-Fluorophenol
Concen: 110.492 ng
RT: 5.408 min Scan# 420
Delta R.T. -0.000 min
Lab File: BP025349.D
Acq: 11 Aug 2025 15:23

Tgt Ion:112 Resp: 1408519
Ion Ratio Lower Upper
112 100
64 54.7 45.3 67.9
63 27.7 23.0 34.6

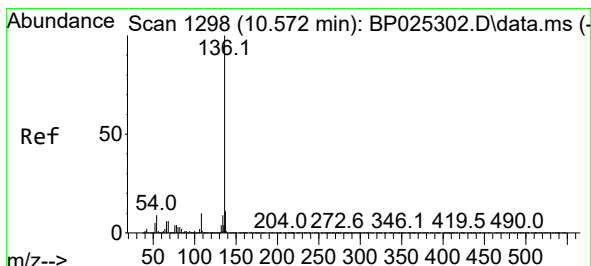
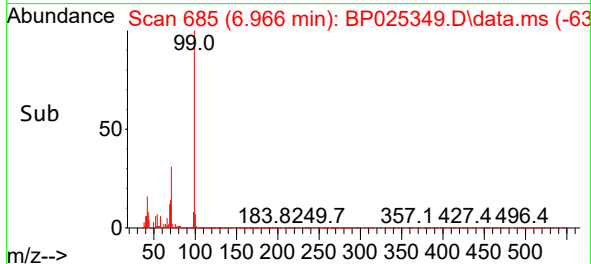
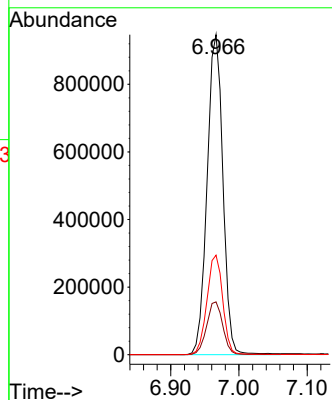
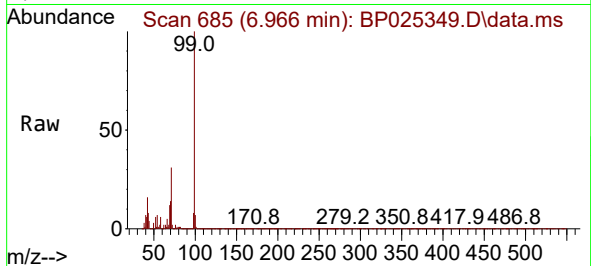




#7
Phenol-d6
Concen: 91.037 ng
RT: 6.966 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025349.D
Acq: 11 Aug 2025 15:23

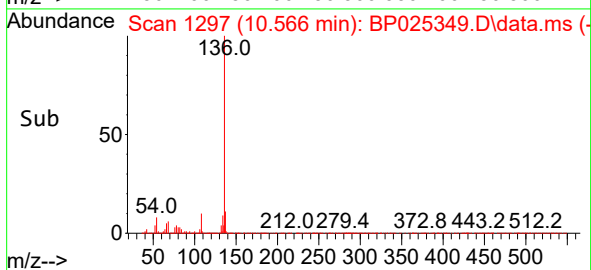
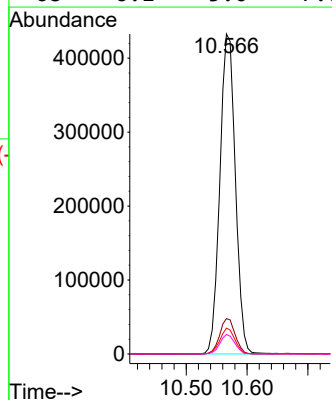
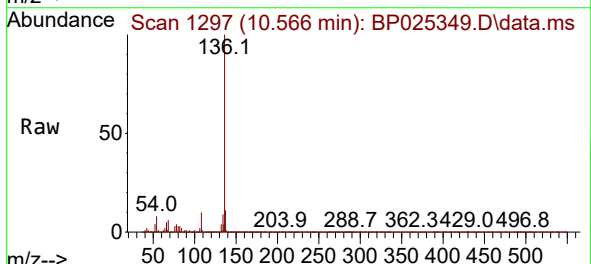
Instrument :
BNA_P
ClientSampleId :
TP-5

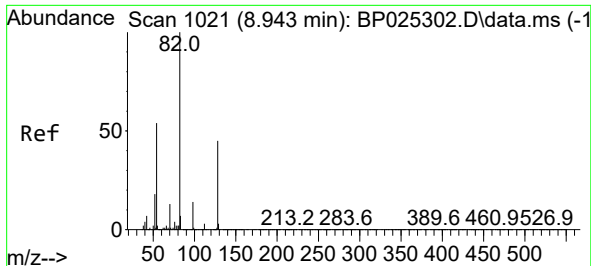
Tgt Ion: 99 Resp: 1527322
Ion Ratio Lower Upper
99 100
42 16.5 15.0 22.6
71 31.1 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BP025349.D
Acq: 11 Aug 2025 15:23

Tgt Ion:136 Resp: 764299
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.0 7.0 10.6
68 6.1 5.0 7.6

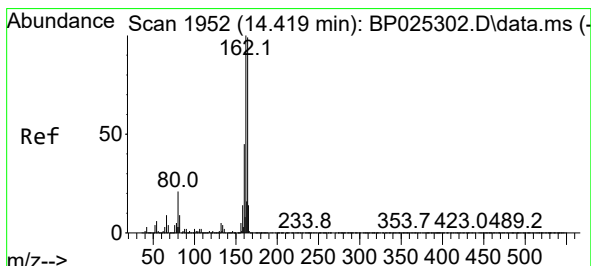
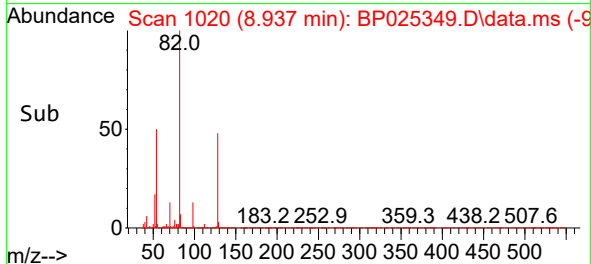
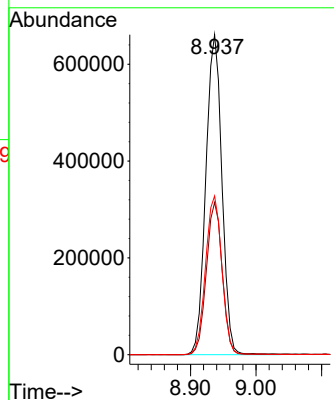
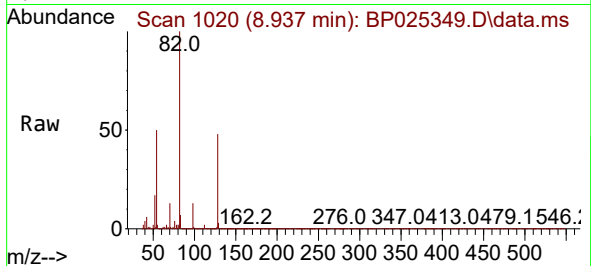




#23
 Nitrobenzene-d5
 Concen: 81.700 ng
 RT: 8.937 min Scan# 1021
 Delta R.T. -0.006 min
 Lab File: BP025349.D
 Acq: 11 Aug 2025 15:23

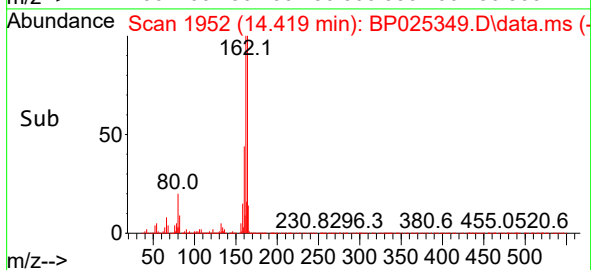
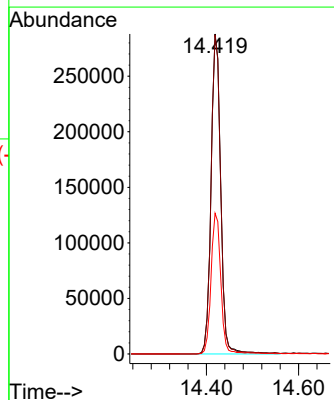
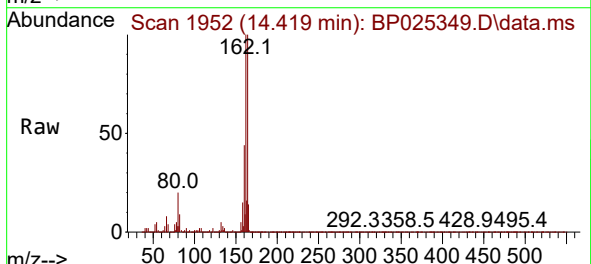
Instrument :
 BNA_P
 ClientSampleId :
 TP-5

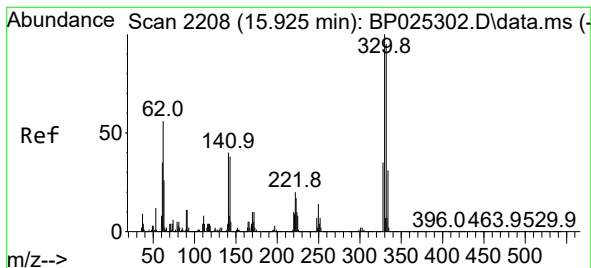
Tgt Ion: 82 Resp: 1127109
 Ion Ratio Lower Upper
 82 100
 128 47.6 35.4 53.2
 54 49.6 42.9 64.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.419 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: BP025349.D
 Acq: 11 Aug 2025 15:23

Tgt Ion:164 Resp: 418728
 Ion Ratio Lower Upper
 164 100
 162 99.7 80.6 120.8
 160 43.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 128.044 ng

RT: 15.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025349.D

Acq: 11 Aug 2025 15:23

Instrument :

BNA_P

ClientSampleId :

TP-5

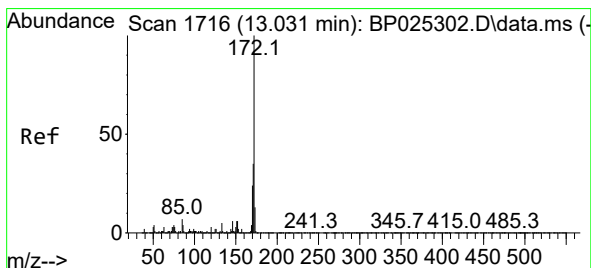
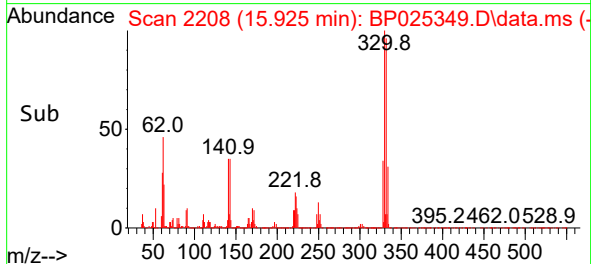
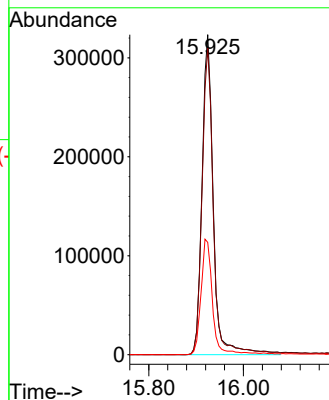
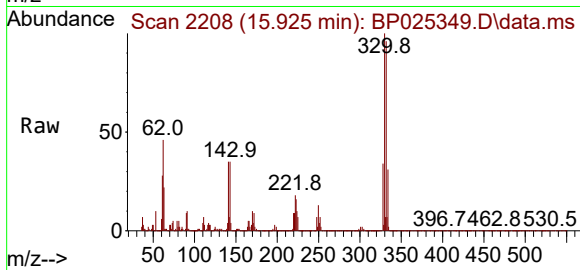
Tgt Ion:330 Resp: 534876

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

141 36.7 31.7 47.5



#45

2-Fluorobiphenyl

Concen: 80.774 ng

RT: 13.031 min Scan# 1716

Delta R.T. -0.000 min

Lab File: BP025349.D

Acq: 11 Aug 2025 15:23

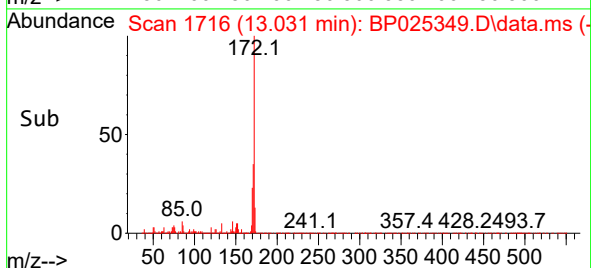
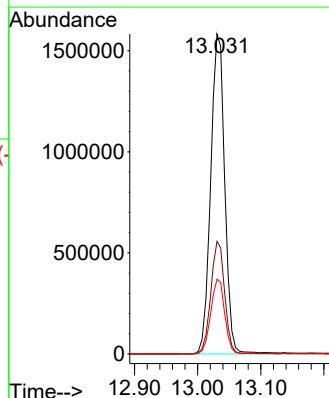
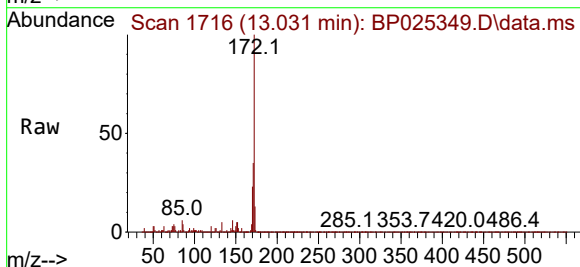
Tgt Ion:172 Resp: 2448750

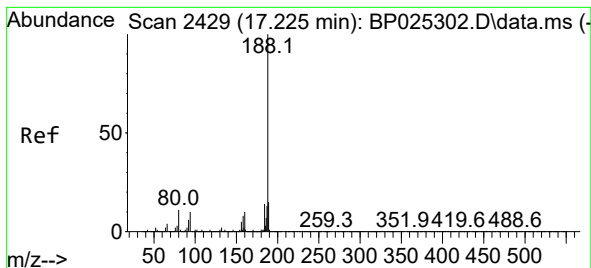
Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 23.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.213 min Scan# 2427

Delta R.T. -0.012 min

Lab File: BP025349.D

Acq: 11 Aug 2025 15:23

Instrument :

BNA_P

ClientSampleId :

TP-5

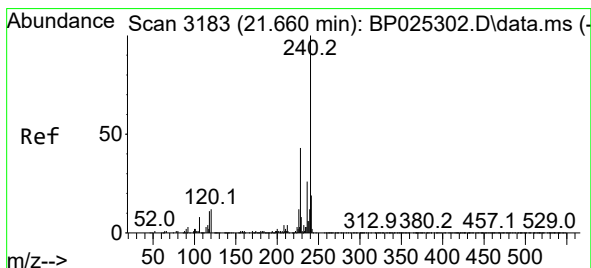
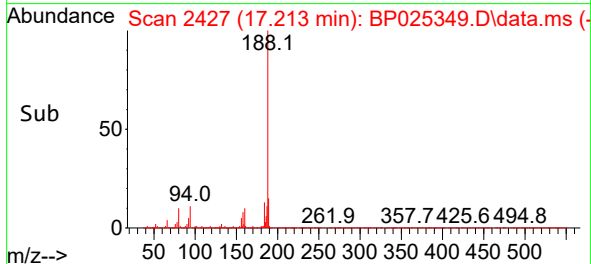
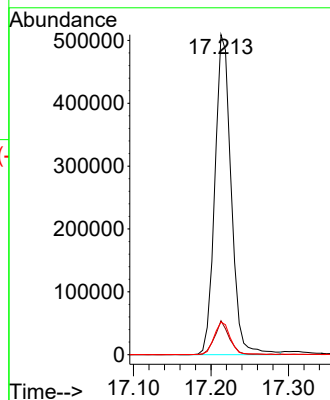
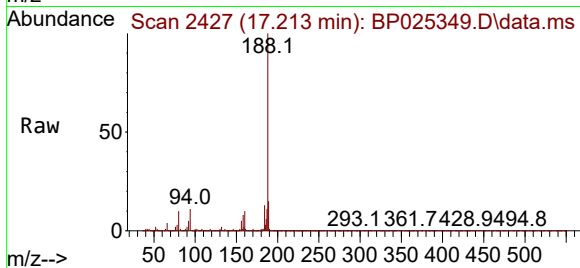
Tgt Ion:188 Resp: 744162

Ion Ratio Lower Upper

188 100

94 10.6 8.0 12.0

80 10.2 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.654 min Scan# 3182

Delta R.T. -0.006 min

Lab File: BP025349.D

Acq: 11 Aug 2025 15:23

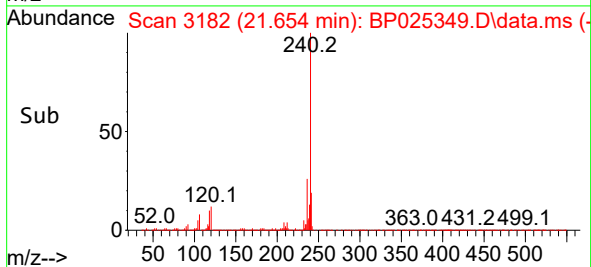
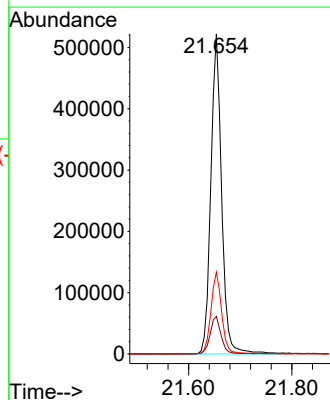
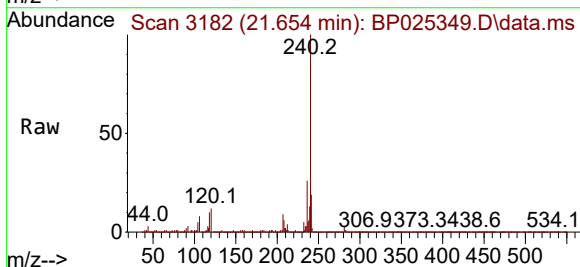
Tgt Ion:240 Resp: 755391

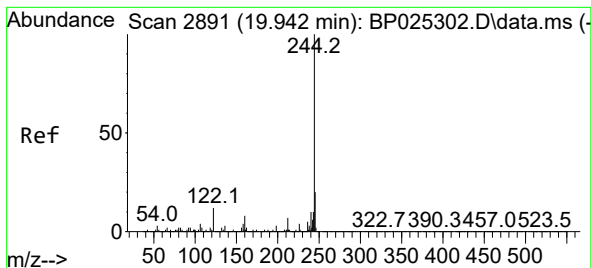
Ion Ratio Lower Upper

240 100

120 11.7 9.6 14.4

236 25.5 20.4 30.6





#79

Terphenyl-d14

Concen: 77.801 ng

RT: 19.936 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025349.D

Acq: 11 Aug 2025 15:23

Instrument :

BNA_P

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TP-5

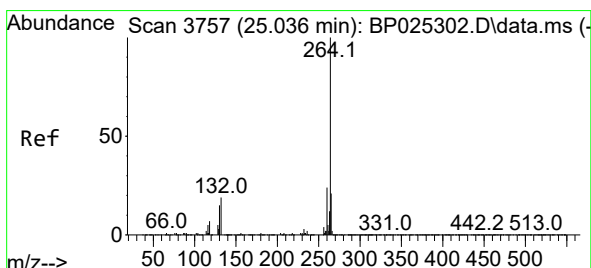
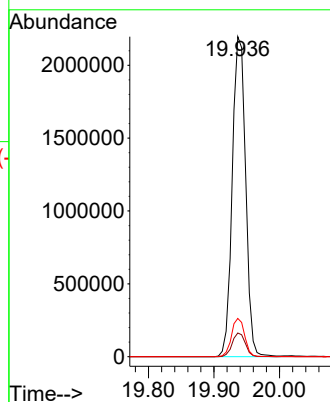
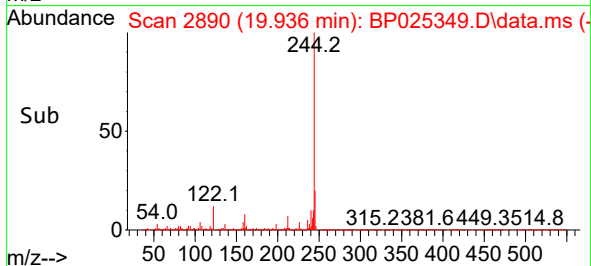
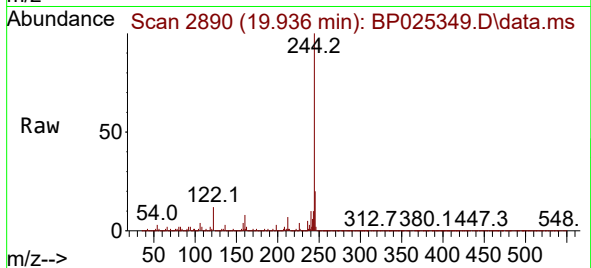
Tgt Ion:244 Resp: 3111523

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 12.0 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.042 min Scan# 3758

Delta R.T. 0.006 min

Lab File: BP025349.D

Acq: 11 Aug 2025 15:23

Tgt Ion:264 Resp: 894642

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 21.6 17.1 25.7

