

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
 Data File : BP025307.D
 Acq On : 05 Aug 2025 18:54
 Operator : CG/JU
 Sample : PB169079TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169079TB

Quant Time: Aug 06 06:57:28 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	7.802	152	193557	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	793628	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	491181	20.000	ng	-0.01
64) Phenanthrene-d10	17.213	188	977823	20.000	ng	-0.01
76) Chrysene-d12	21.660	240	992852	20.000	ng	0.00
86) Perylene-d12	25.030	264	1066955	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	1658001	137.772	ng	0.00
7) Phenol-d6	6.961	99	2082072	131.459	ng	0.00
23) Nitrobenzene-d5	8.937	82	1267071	88.451	ng	0.00
42) 2,4,6-Tribromophenol	15.919	330	679557	138.682	ng	0.00
45) 2-Fluorobiphenyl	13.025	172	2947196	82.876	ng	0.00
79) Terphenyl-d14	19.936	244	4392961	83.571	ng	0.00

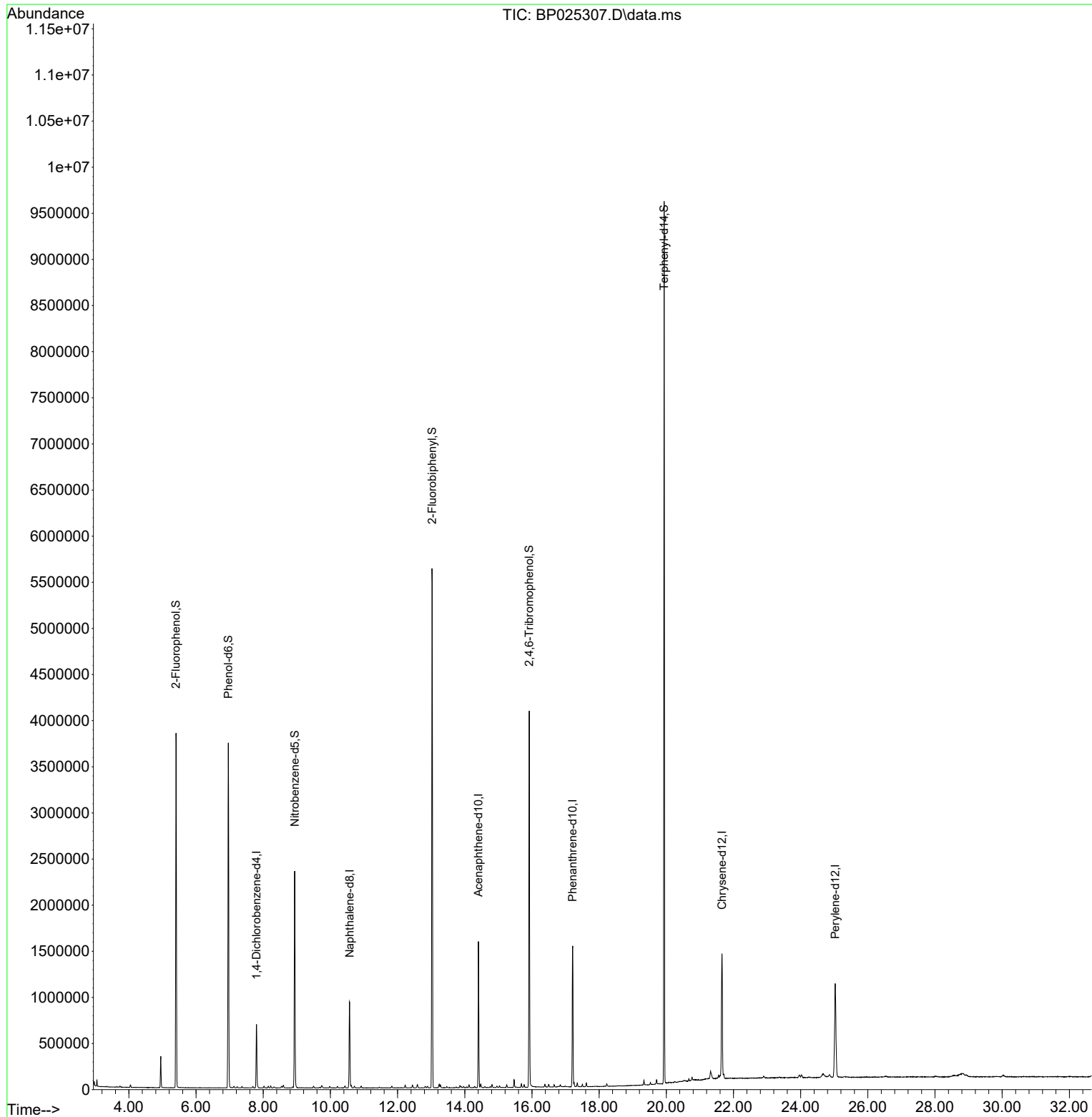
Target Compounds	Qvalue

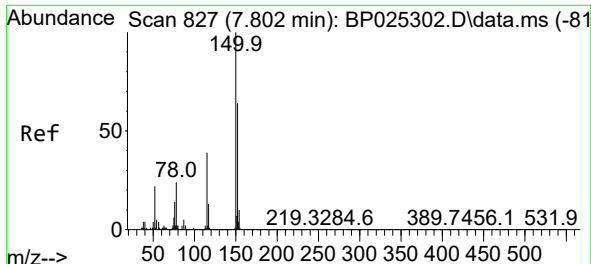
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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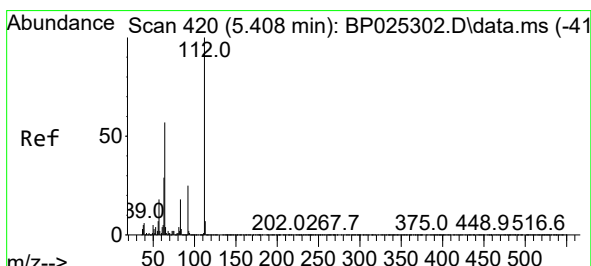
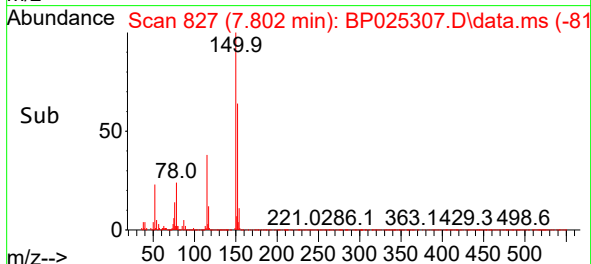
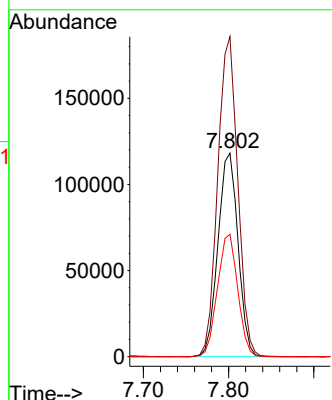
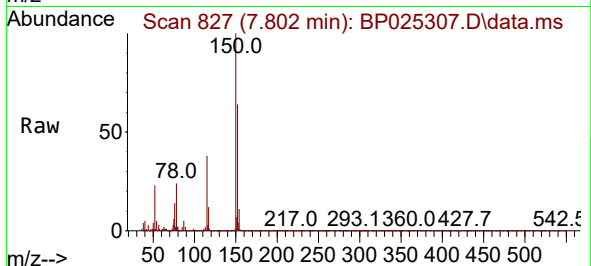




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP025307.D
Acq: 05 Aug 2025 18:54

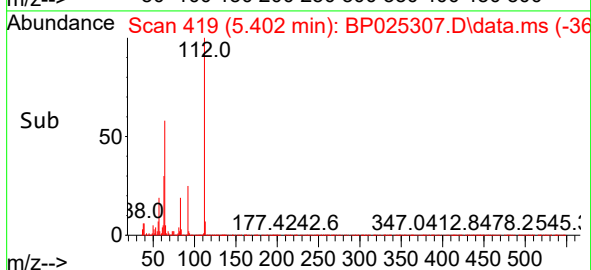
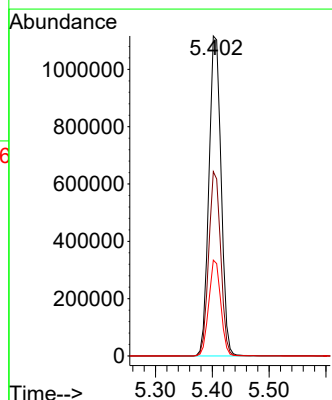
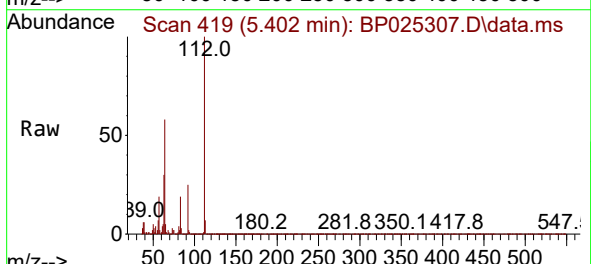
Instrument :
BNA_P
ClientSampleId :
PB169079TB

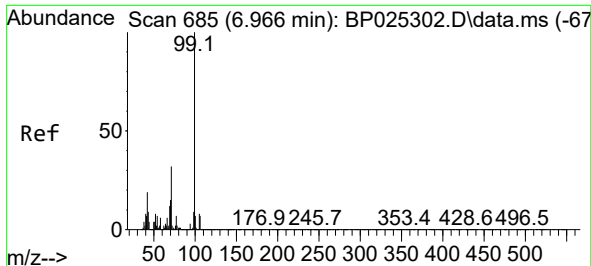
Tgt Ion:152 Resp: 193557
Ion Ratio Lower Upper
152 100
150 157.2 125.1 187.7
115 60.2 48.4 72.6



#5
2-Fluorophenol
Concen: 137.772 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025307.D
Acq: 05 Aug 2025 18:54

Tgt Ion:112 Resp: 1658001
Ion Ratio Lower Upper
112 100
64 57.6 45.3 67.9
63 30.0 23.0 34.6

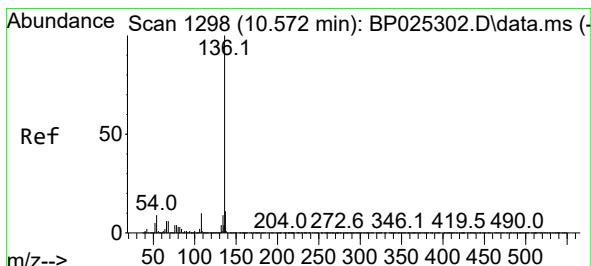
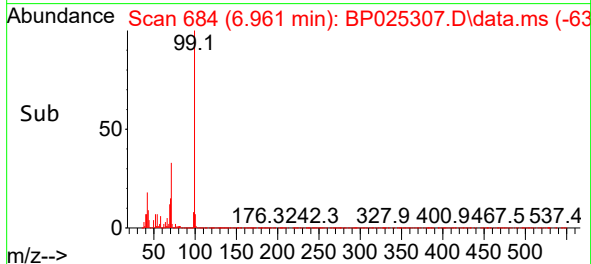
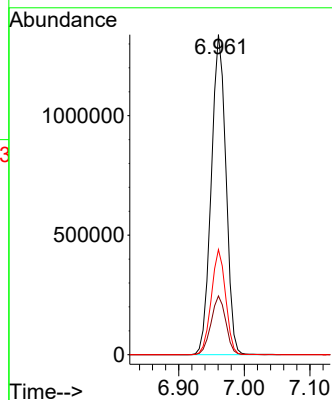
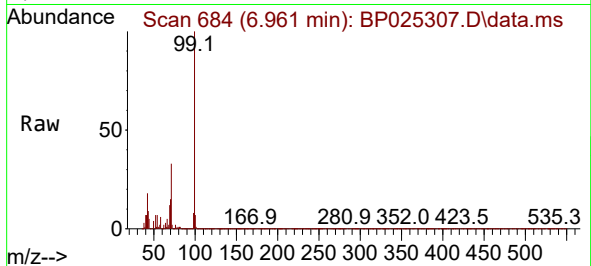




#7
Phenol-d6
Concen: 131.459 ng
RT: 6.961 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP025307.D
Acq: 05 Aug 2025 18:54

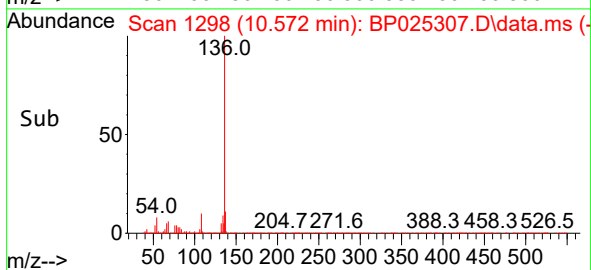
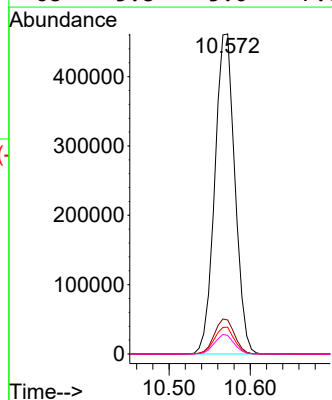
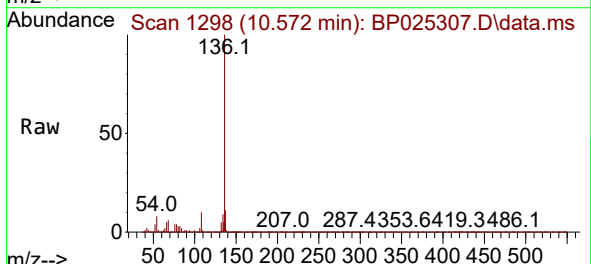
Instrument :
BNA_P
ClientSampleId :
PB169079TB

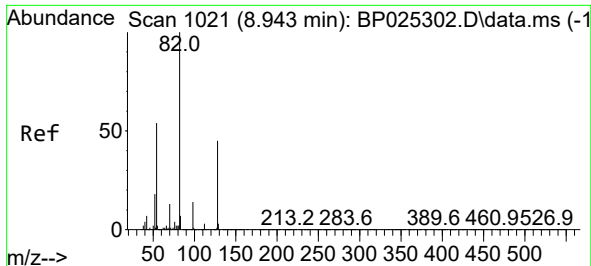
Tgt Ion: 99 Resp: 2082072
Ion Ratio Lower Upper
99 100
42 18.3 15.0 22.6
71 32.8 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP025307.D
Acq: 05 Aug 2025 18:54

Tgt Ion: 136 Resp: 793628
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 8.4 7.0 10.6
68 5.8 5.0 7.6

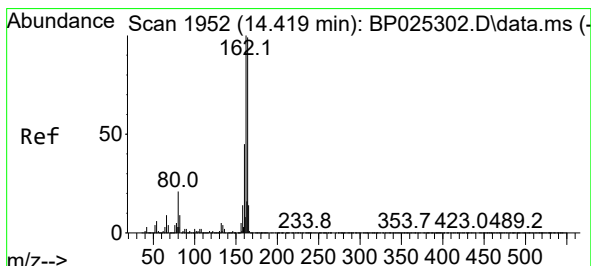
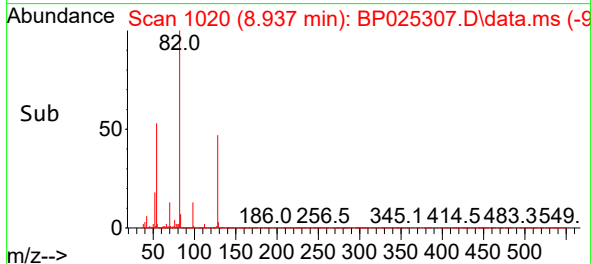
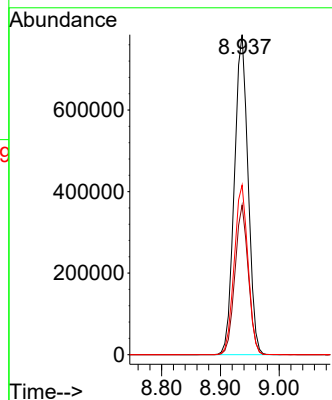
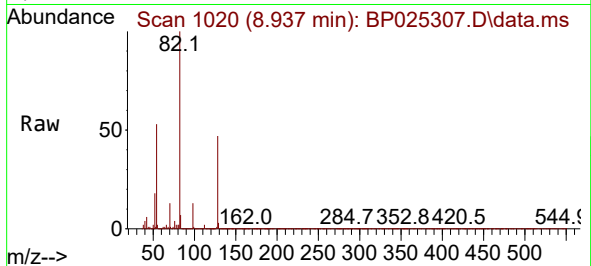




#23
Nitrobenzene-d5
Concen: 88.451 ng
RT: 8.937 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP025307.D
Acq: 05 Aug 2025 18:54

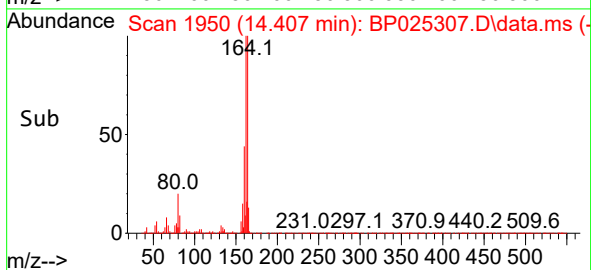
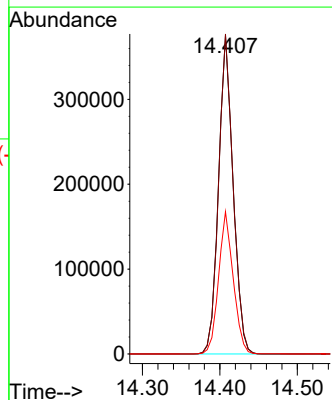
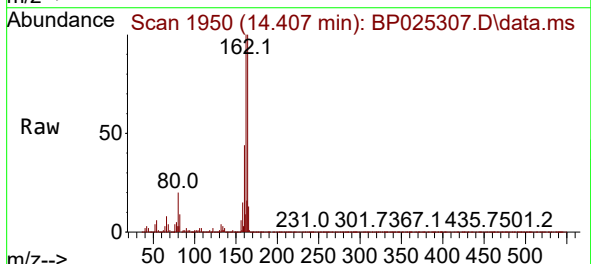
Instrument :
BNA_P
ClientSampleId :
PB169079TB

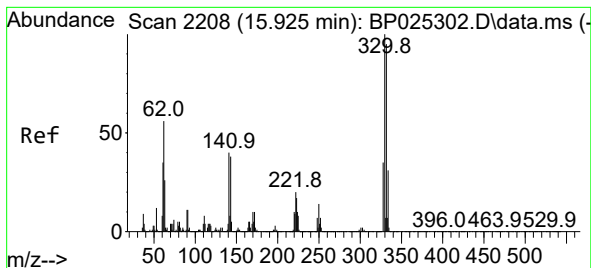
Tgt Ion: 82 Resp: 1267071
Ion Ratio Lower Upper
82 100
128 46.7 35.4 53.2
54 53.0 42.9 64.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BP025307.D
Acq: 05 Aug 2025 18:54

Tgt Ion:164 Resp: 491181
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 44.7 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 138.682 ng

RT: 15.919 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025307.D

Acq: 05 Aug 2025 18:54

Instrument :

BNA_P

ClientSampleId :

PB169079TB

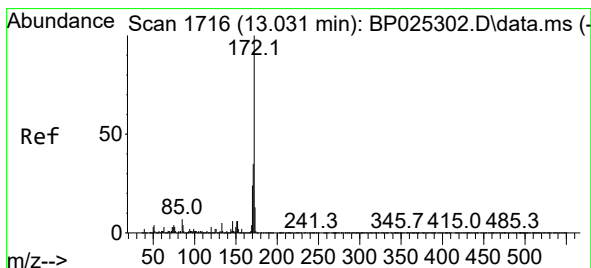
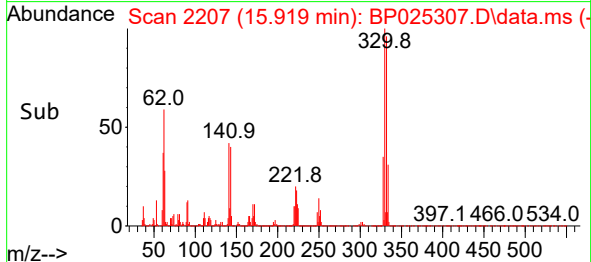
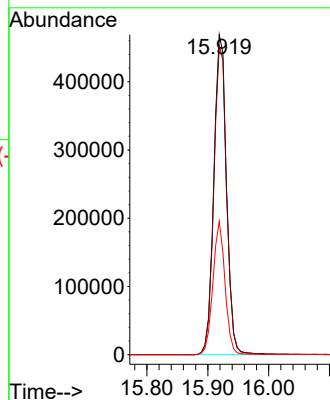
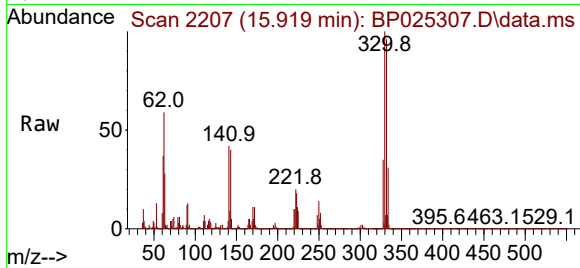
Tgt Ion:330 Resp: 679557

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.0

141 39.8 31.7 47.5



#45

2-Fluorobiphenyl

Concen: 82.876 ng

RT: 13.025 min Scan# 1715

Delta R.T. -0.006 min

Lab File: BP025307.D

Acq: 05 Aug 2025 18:54

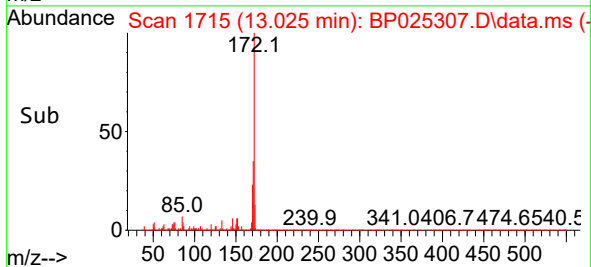
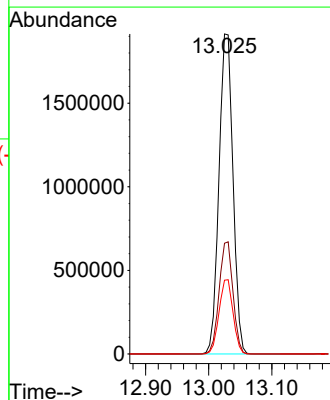
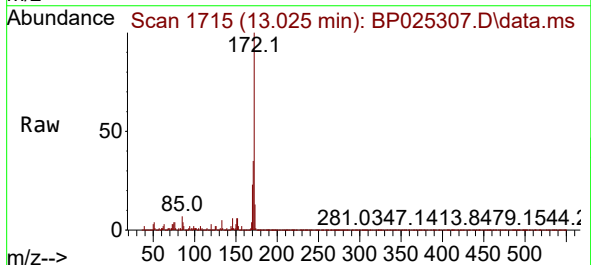
Tgt Ion:172 Resp: 2947196

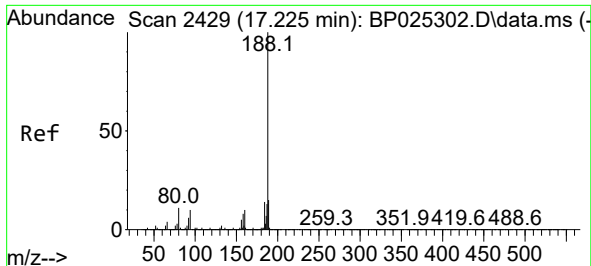
Ion Ratio Lower Upper

172 100

171 34.6 27.9 41.9

170 23.0 18.9 28.3

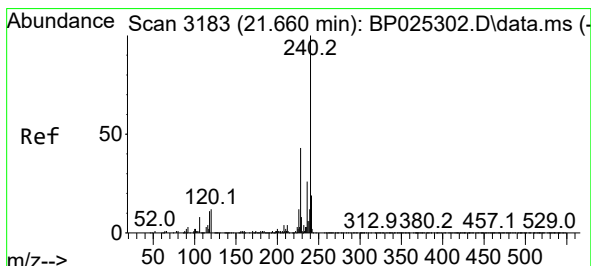
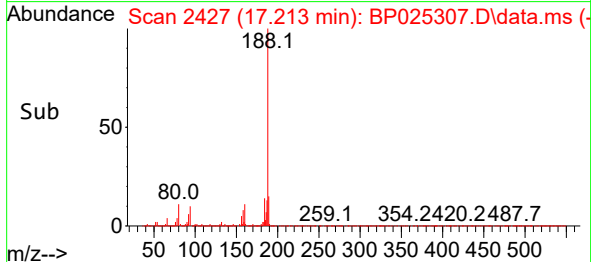
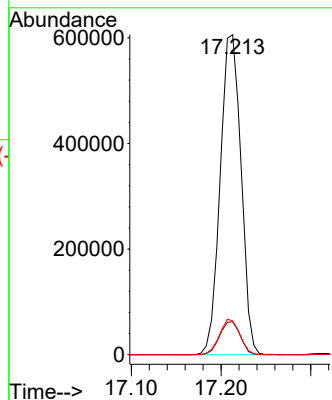
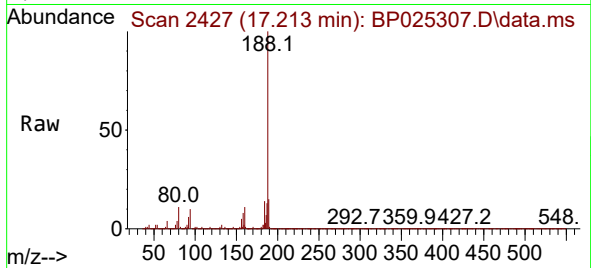




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BP025307.D
Acq: 05 Aug 2025 18:54

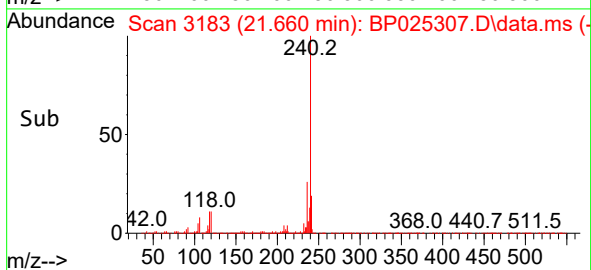
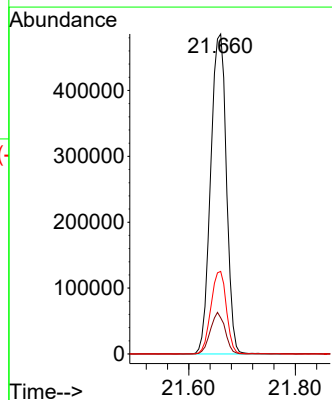
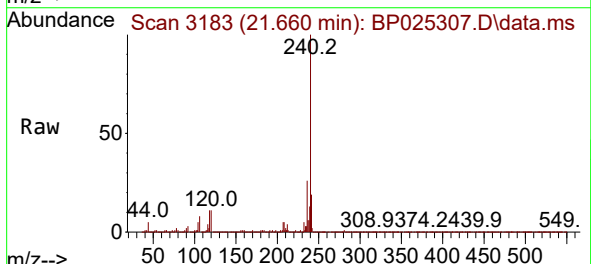
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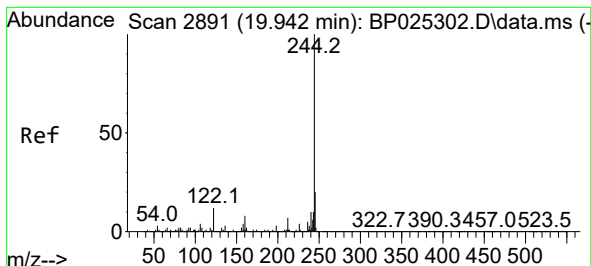
Tgt Ion:188 Resp: 977823
Ion Ratio Lower Upper
188 100
94 10.3 8.0 12.0
80 10.6 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3183
Delta R.T. -0.000 min
Lab File: BP025307.D
Acq: 05 Aug 2025 18:54

Tgt Ion:240 Resp: 992852
Ion Ratio Lower Upper
240 100
120 11.3 9.6 14.4
236 25.8 20.4 30.6





#79

Terphenyl-d14

Concen: 83.571 ng

RT: 19.936 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025307.D

Acq: 05 Aug 2025 18:54

Instrument :

BNA_P

ClientSampleId :

PB169079TB

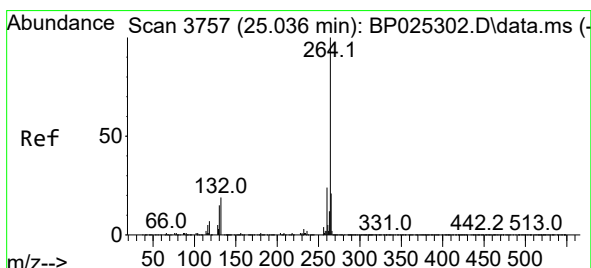
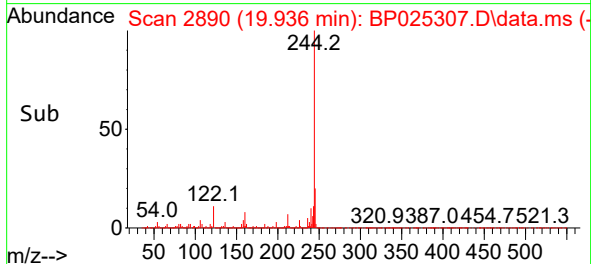
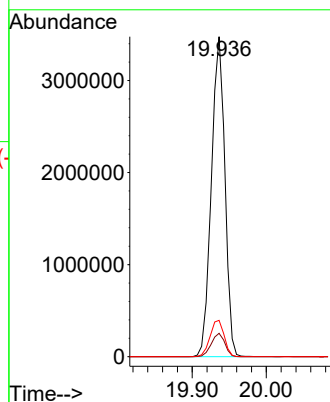
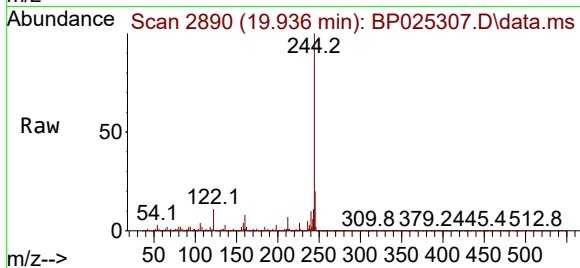
Tgt Ion:244 Resp: 4392961

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 11.3 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.030 min Scan# 3756

Delta R.T. -0.006 min

Lab File: BP025307.D

Acq: 05 Aug 2025 18:54

Tgt Ion:264 Resp: 1066955

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 21.0 17.1 25.7

