

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
 Data File : BP025310.D
 Acq On : 07 Aug 2025 12:22
 Operator : CG/JU
 Sample : PB169138BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169138BL

Quant Time: Aug 07 12:55:06 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	203532	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	813012	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	502621	20.000	ng	-0.01
64) Phenanthrene-d10	17.207	188	1047079	20.000	ng	-0.02
76) Chrysene-d12	21.660	240	1143688	20.000	ng	0.00
86) Perylene-d12	25.036	264	1233415	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1430576	113.048	ng	0.00
7) Phenol-d6	6.961	99	1785086	107.184	ng	0.00
23) Nitrobenzene-d5	8.937	82	1074954	73.251	ng	0.00
42) 2,4,6-Tribromophenol	15.919	330	588171	117.301	ng	0.00
45) 2-Fluorobiphenyl	13.025	172	2578759	70.865	ng	0.00
79) Terphenyl-d14	19.930	244	4254215	70.258	ng	-0.01

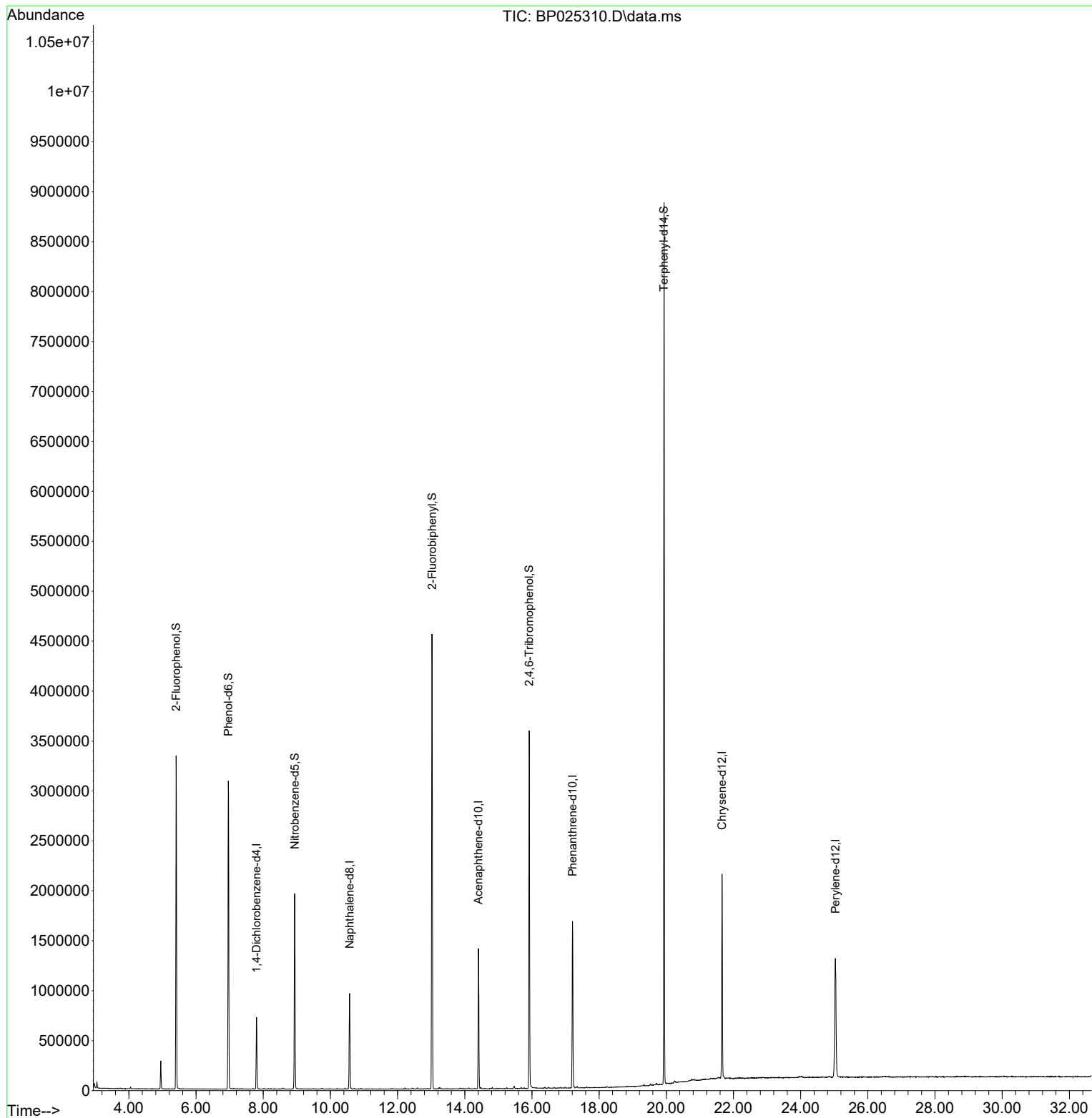
Target Compounds	Qvalue

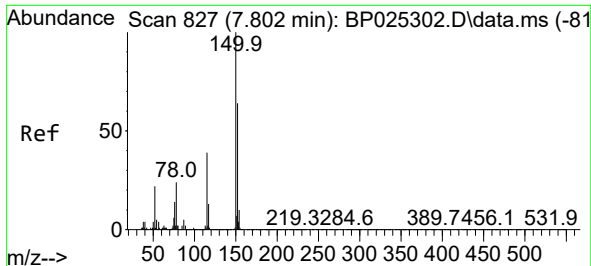
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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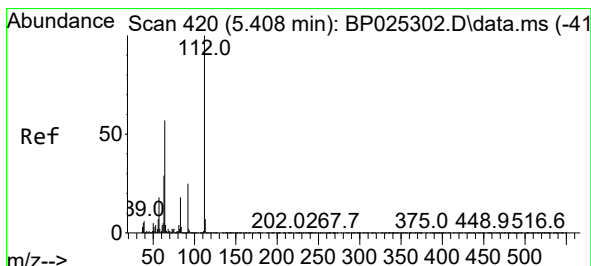
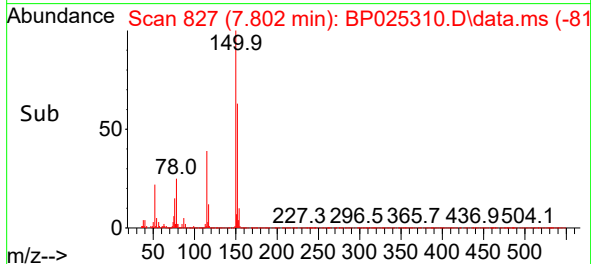
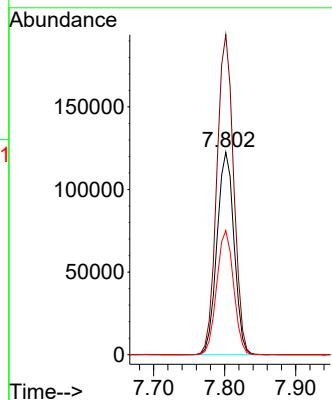
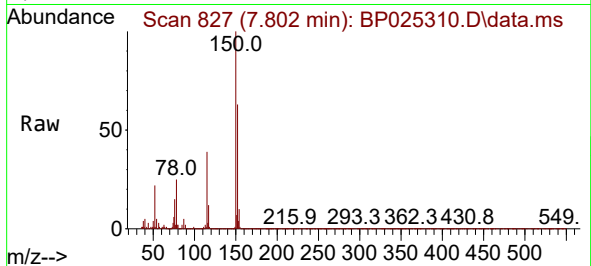




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP025310.D
Acq: 07 Aug 2025 12:22

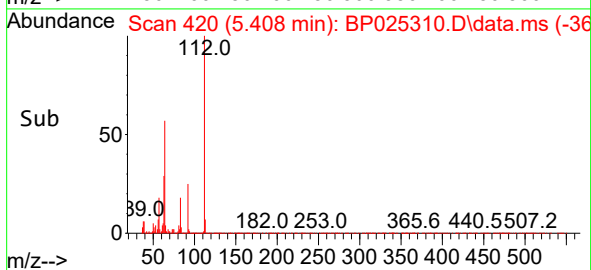
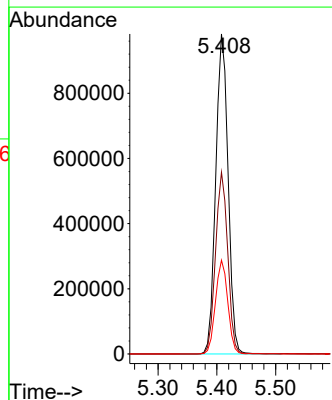
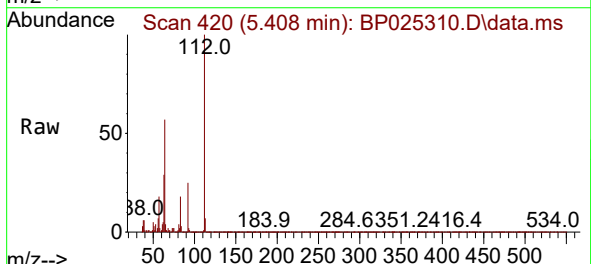
Instrument :
BNA_P
ClientSampleId :
PB169138BL

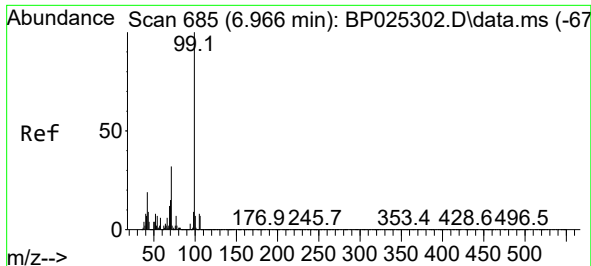
Tgt Ion:152 Resp: 203532
Ion Ratio Lower Upper
152 100
150 158.0 125.1 187.7
115 61.3 48.4 72.6



#5
2-Fluorophenol
Concen: 113.048 ng
RT: 5.408 min Scan# 420
Delta R.T. -0.000 min
Lab File: BP025310.D
Acq: 07 Aug 2025 12:22

Tgt Ion:112 Resp: 1430576
Ion Ratio Lower Upper
112 100
64 56.8 45.3 67.9
63 29.3 23.0 34.6

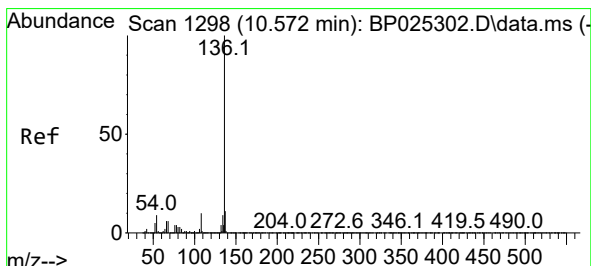
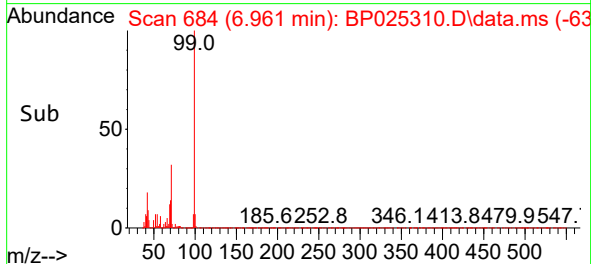
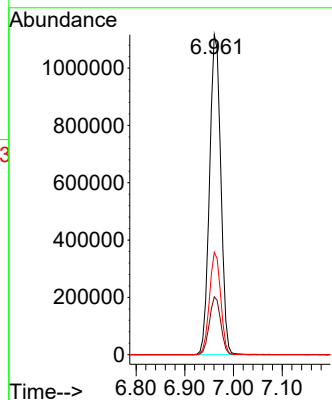
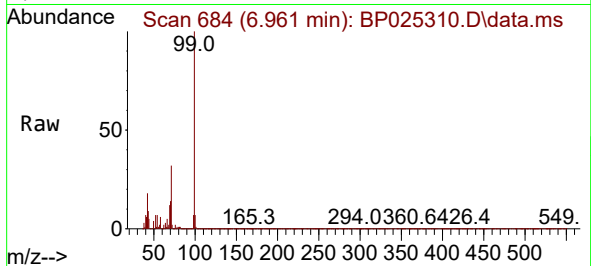




#7
Phenol-d6
Concen: 107.184 ng
RT: 6.961 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP025310.D
Acq: 07 Aug 2025 12:22

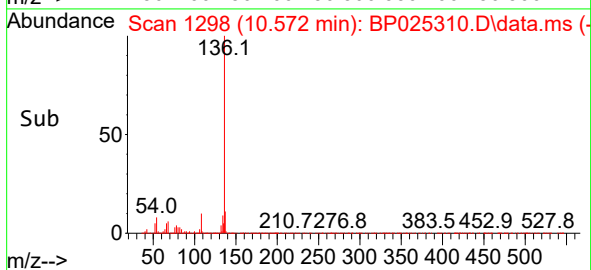
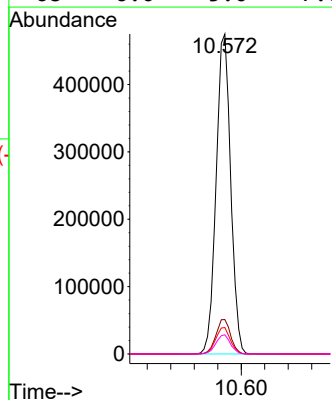
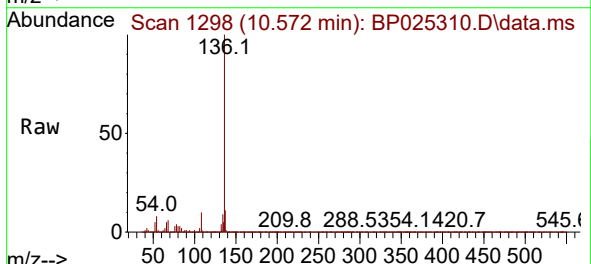
Instrument :
BNA_P
ClientSampleId :
PB169138BL

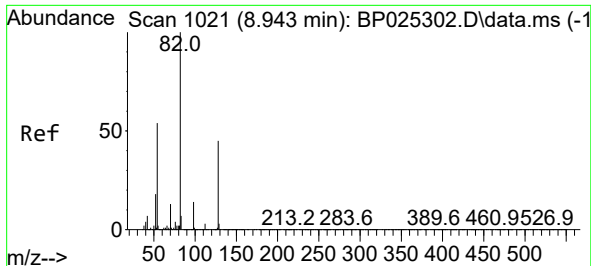
Tgt Ion: 99 Resp: 1785086
Ion Ratio Lower Upper
99 100
42 18.1 15.0 22.6
71 32.0 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP025310.D
Acq: 07 Aug 2025 12:22

Tgt Ion: 136 Resp: 813012
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.3 7.0 10.6
68 6.0 5.0 7.6

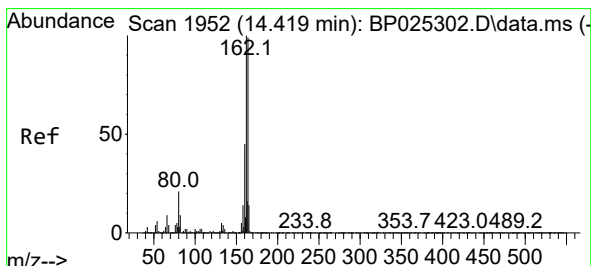
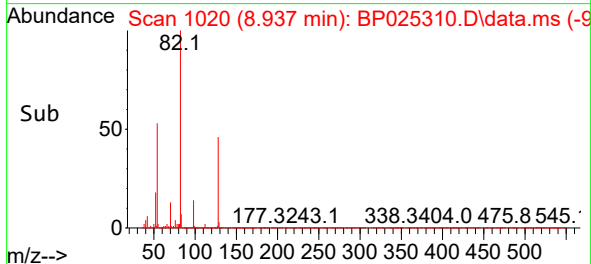
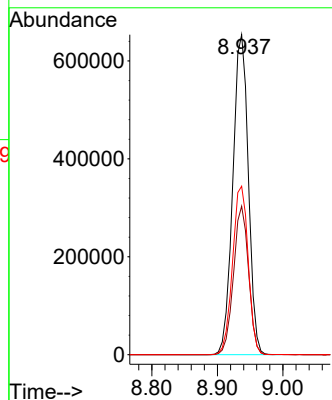
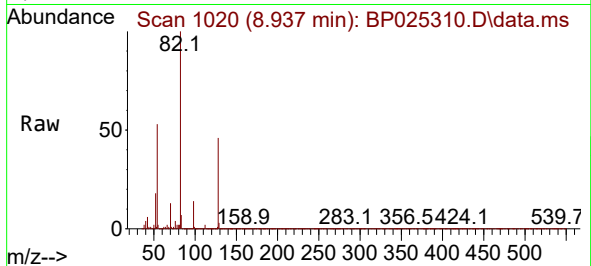




#23
Nitrobenzene-d5
Concen: 73.251 ng
RT: 8.937 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP025310.D
Acq: 07 Aug 2025 12:22

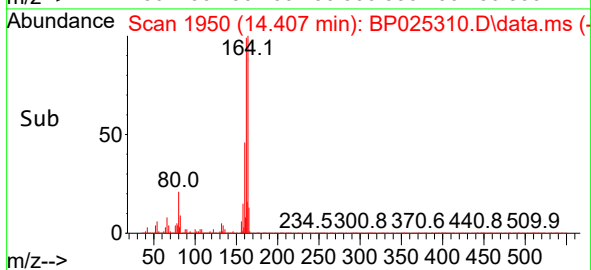
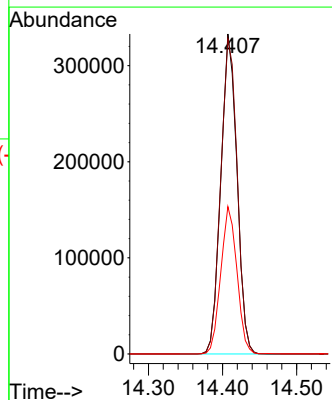
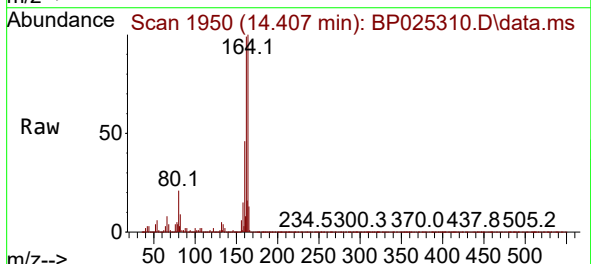
Instrument :
BNA_P
ClientSampleId :
PB169138BL

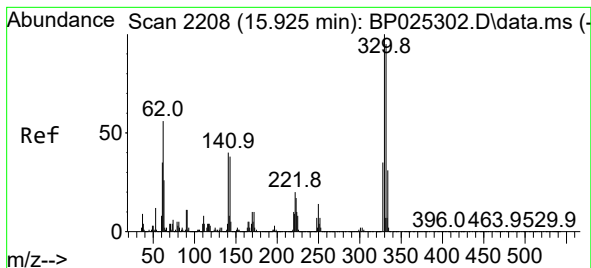
Tgt Ion: 82 Resp: 1074954
Ion Ratio Lower Upper
82 100
128 46.4 35.4 53.2
54 52.7 42.9 64.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BP025310.D
Acq: 07 Aug 2025 12:22

Tgt Ion:164 Resp: 502621
Ion Ratio Lower Upper
164 100
162 98.5 80.6 120.8
160 46.0 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 117.301 ng

RT: 15.919 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025310.D

Acq: 07 Aug 2025 12:22

Instrument :

BNA_P

ClientSampleId :

PB169138BL

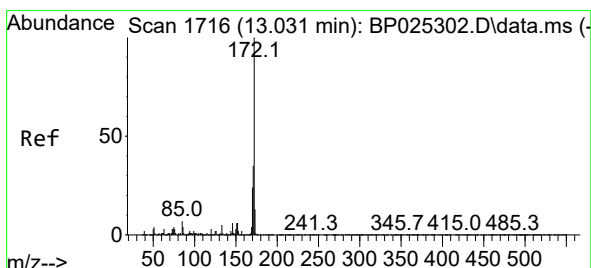
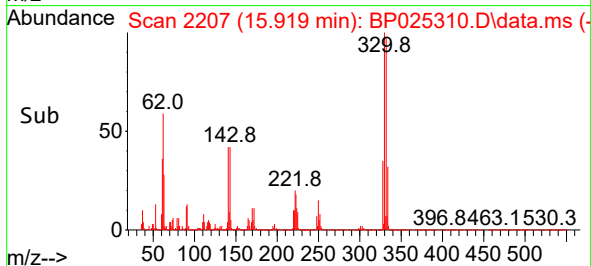
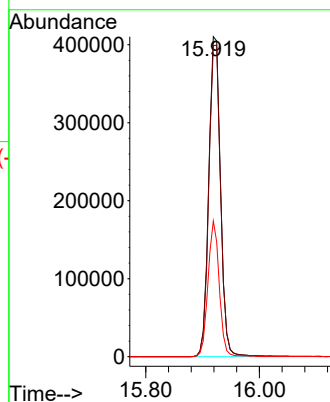
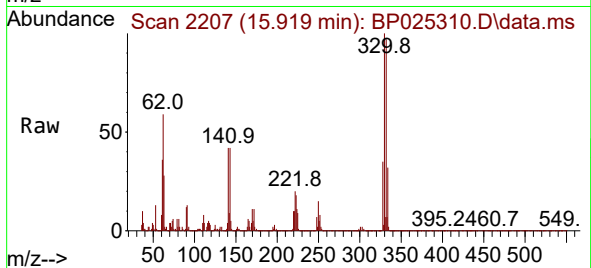
Tgt Ion:330 Resp: 588171

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.0

141 40.5 31.7 47.5



#45

2-Fluorobiphenyl

Concen: 70.865 ng

RT: 13.025 min Scan# 1715

Delta R.T. -0.006 min

Lab File: BP025310.D

Acq: 07 Aug 2025 12:22

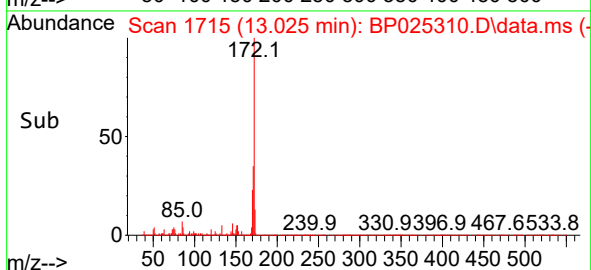
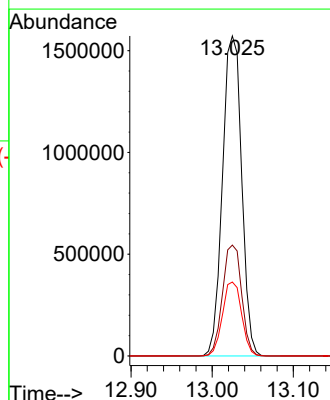
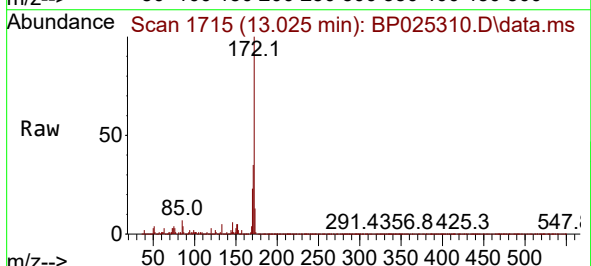
Tgt Ion:172 Resp: 2578759

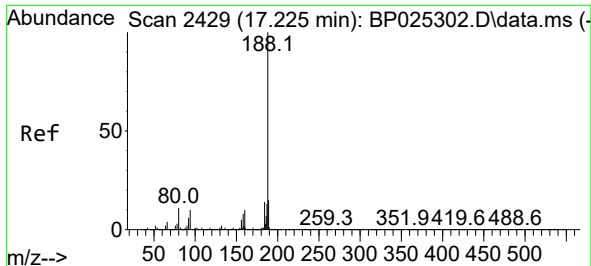
Ion Ratio Lower Upper

172 100

171 34.7 27.9 41.9

170 23.1 18.9 28.3

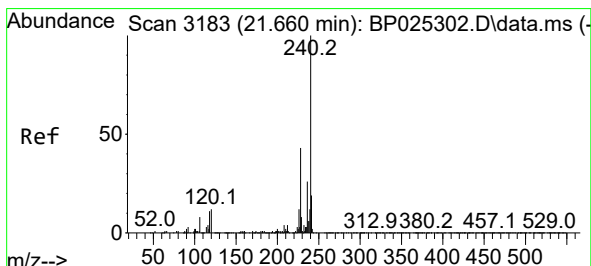
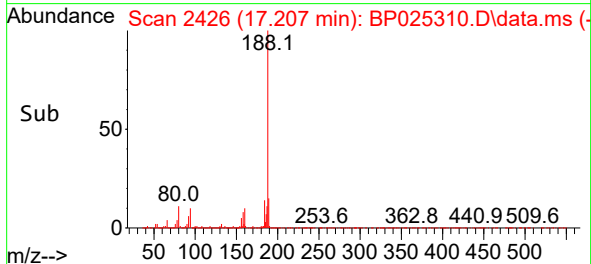
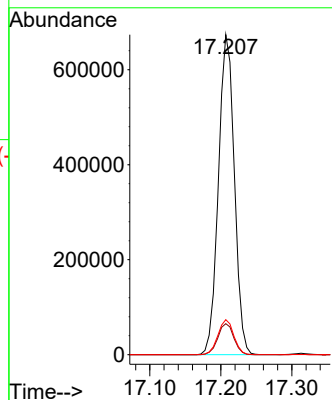
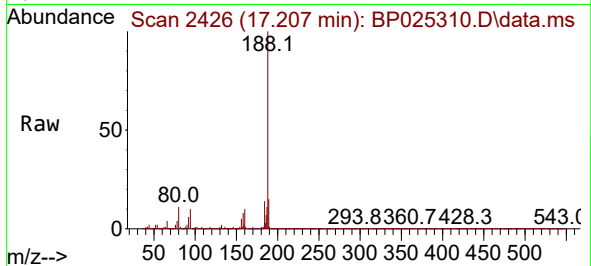




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2429
Delta R.T. -0.018 min
Lab File: BP025310.D
Acq: 07 Aug 2025 12:22

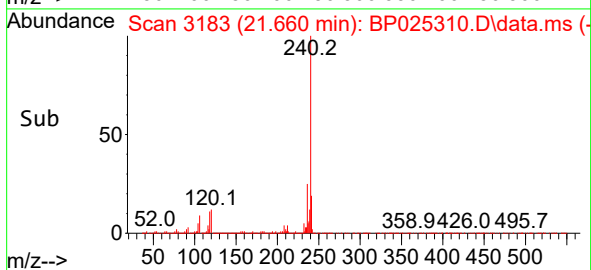
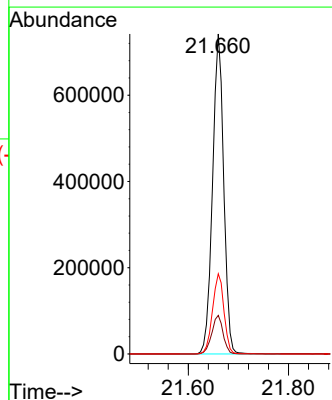
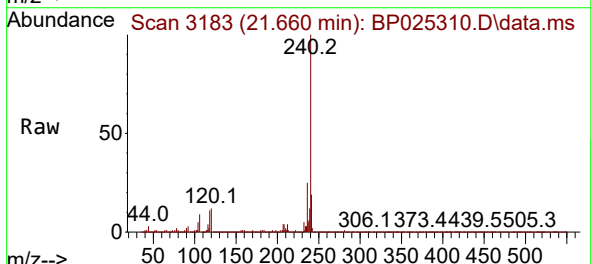
Instrument :
BNA_P
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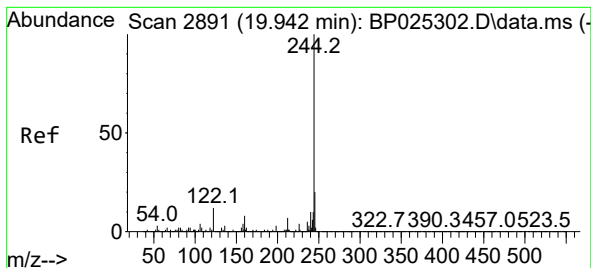
Tgt Ion:188 Resp: 1047079
Ion Ratio Lower Upper
188 100
94 9.7 8.0 12.0
80 11.0 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3183
Delta R.T. -0.000 min
Lab File: BP025310.D
Acq: 07 Aug 2025 12:22

Tgt Ion:240 Resp: 1143688
Ion Ratio Lower Upper
240 100
120 12.0 9.6 14.4
236 25.1 20.4 30.6





#79

Terphenyl-d14

Concen: 70.258 ng

RT: 19.930 min Scan# 2889

Delta R.T. -0.012 min

Lab File: BP025310.D

Acq: 07 Aug 2025 12:22

Instrument :

BNA_P

ClientSampleId :

PB169138BL

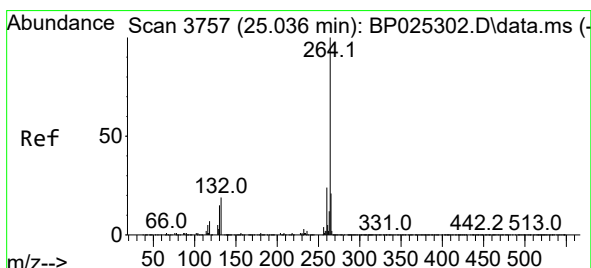
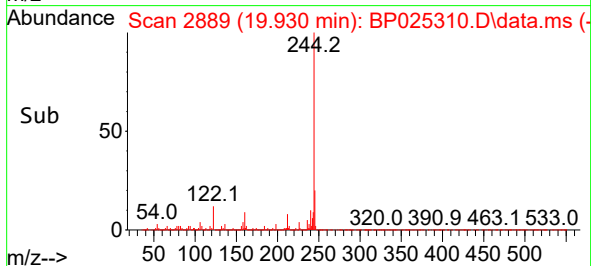
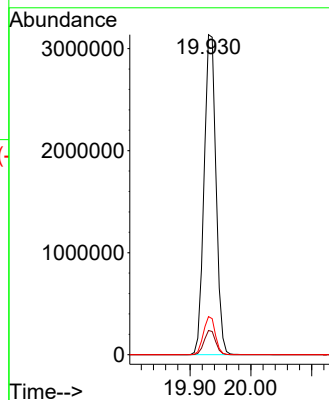
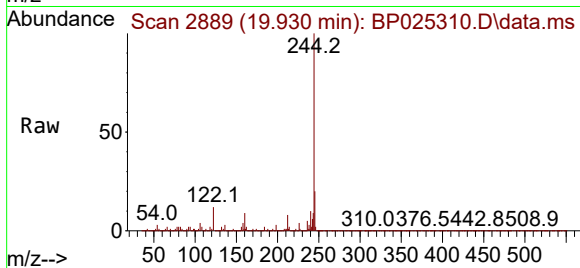
Tgt Ion:244 Resp: 4254215

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

122 11.9 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.036 min Scan# 3757

Delta R.T. 0.000 min

Lab File: BP025310.D

Acq: 07 Aug 2025 12:22

Tgt Ion:264 Resp: 1233415

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.7 17.1 25.7

