

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
 Data File : BP025361.D
 Acq On : 12 Aug 2025 10:49
 Operator : CG/JU
 Sample : PB169176BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169176BL

Quant Time: Aug 12 11:28:32 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	197203	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	745124	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	423004	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	795112	20.000	ng	0.00
76) Chrysene-d12	21.672	240	877135	20.000	ng	0.01
86) Perylene-d12	25.048	264	1062238	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	1555358	126.853	ng	0.00
7) Phenol-d6	6.972	99	1802205	111.685	ng	0.00
23) Nitrobenzene-d5	8.937	82	1157520	86.063	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	598373	141.796	ng	0.01
45) 2-Fluorobiphenyl	13.037	172	2546842	83.160	ng	0.00
79) Terphenyl-d14	19.942	244	3802266	81.876	ng	0.00

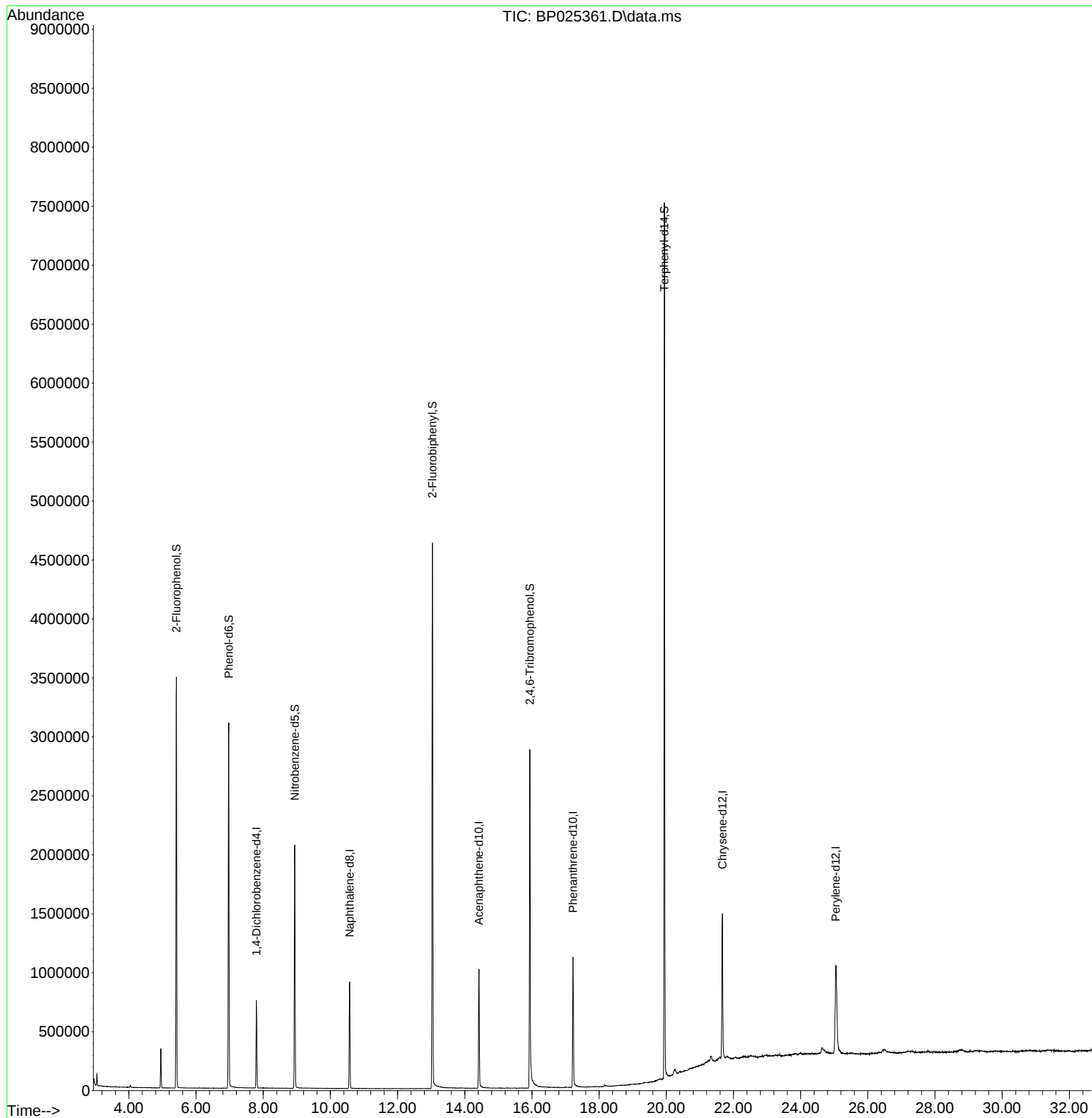
Target Compounds	Qvalue

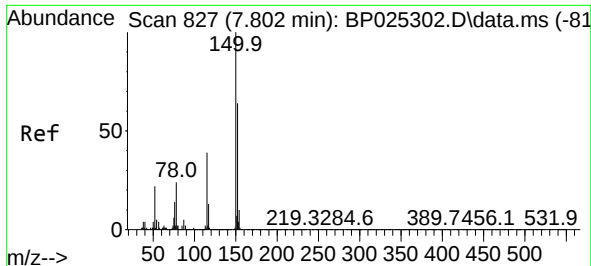
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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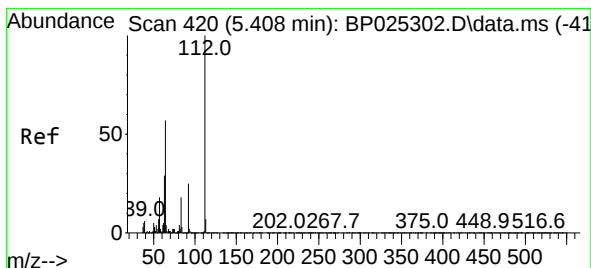
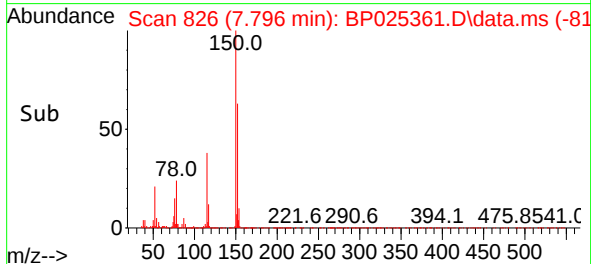
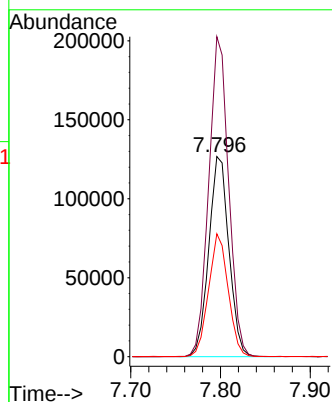
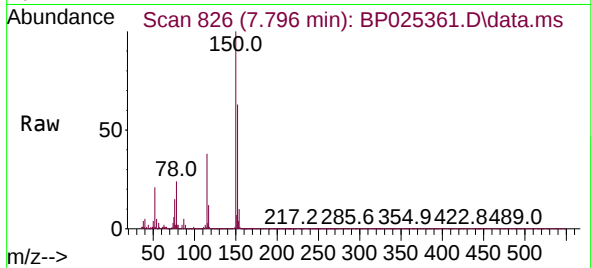




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

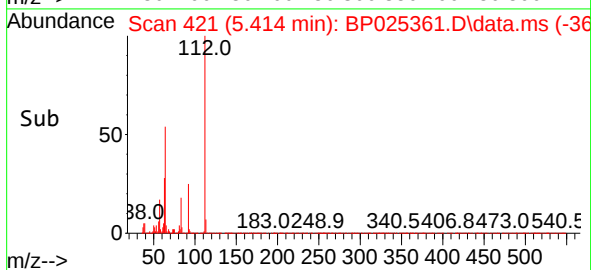
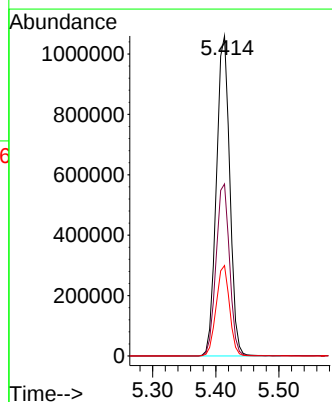
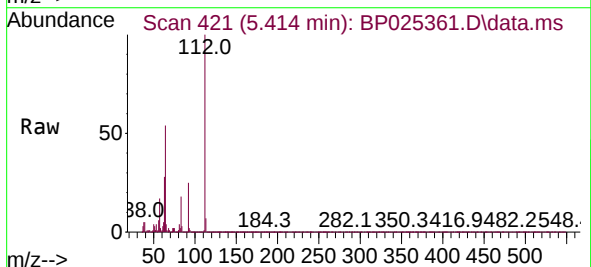
Instrument :
BNA_P
ClientSampleId :
PB169176BL

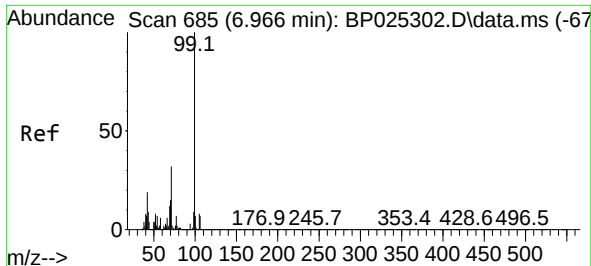
Tgt Ion:152 Resp: 197203
Ion Ratio Lower Upper
152 100
150 159.9 125.1 187.7
115 61.4 48.4 72.6



#5
2-Fluorophenol
Concen: 126.853 ng
RT: 5.414 min Scan# 421
Delta R.T. 0.006 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

Tgt Ion:112 Resp: 1555358
Ion Ratio Lower Upper
112 100
64 53.8 45.3 67.9
63 28.2 23.0 34.6

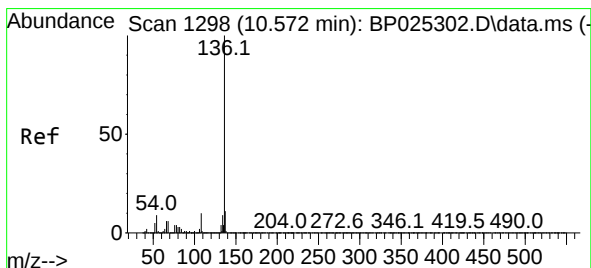
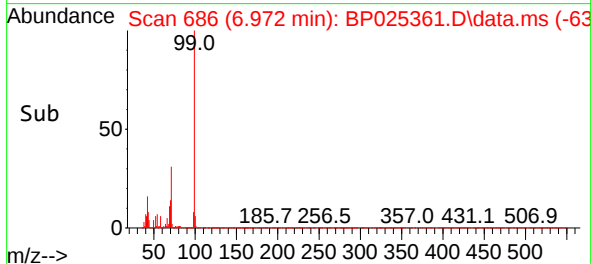
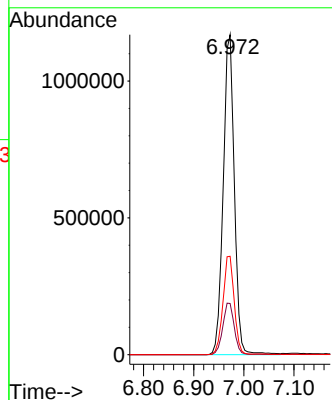
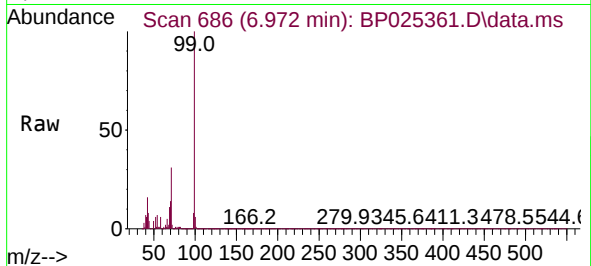




#7
Phenol-d6
Concen: 111.685 ng
RT: 6.972 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

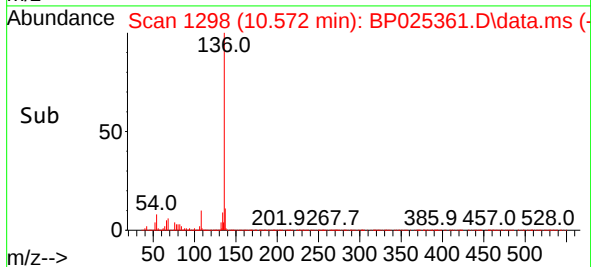
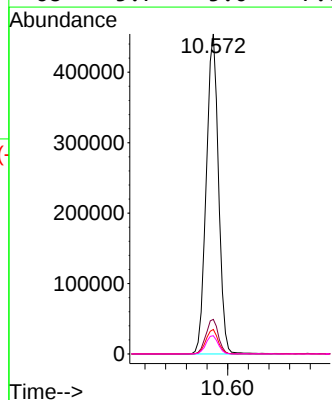
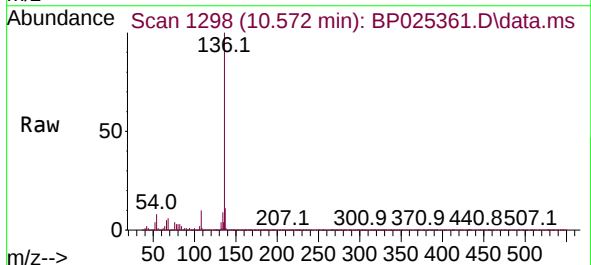
Instrument :
BNA_P
ClientSampleId :
PB169176BL

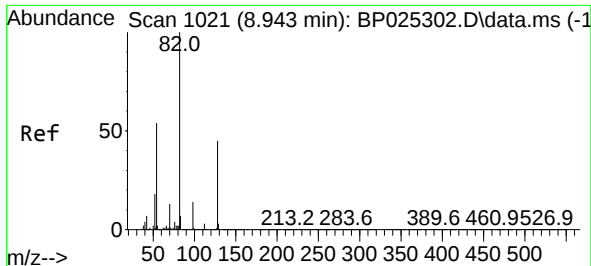
Tgt Ion: 99 Resp: 1802205
Ion Ratio Lower Upper
99 100
42 16.0 15.0 22.6
71 30.7 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

Tgt Ion:136 Resp: 745124
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.6 7.0 10.6
68 5.7 5.0 7.6

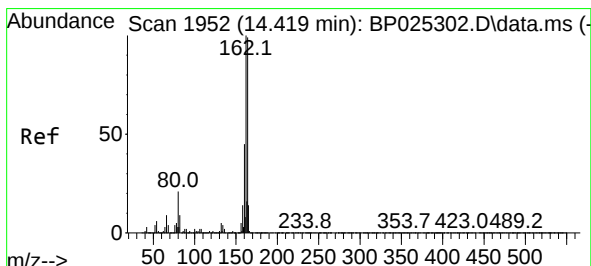
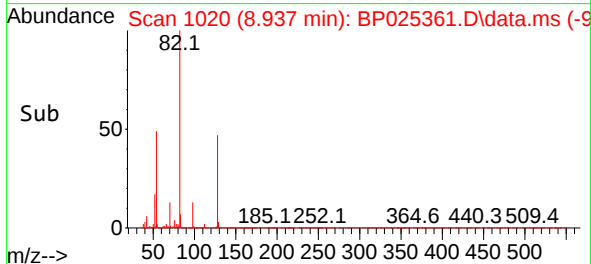
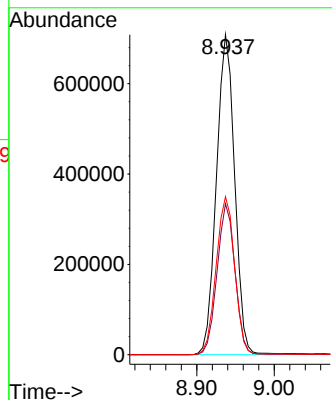
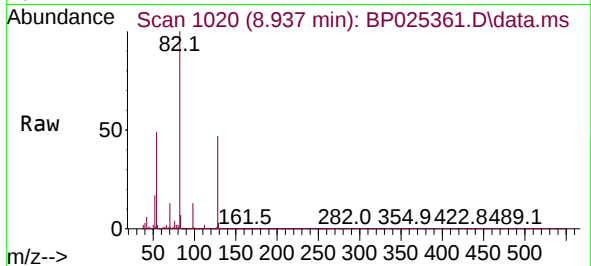




#23
Nitrobenzene-d5
Concen: 86.063 ng
RT: 8.937 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

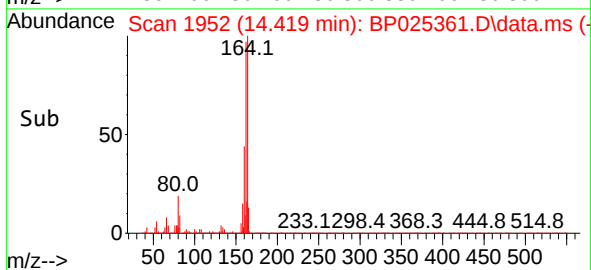
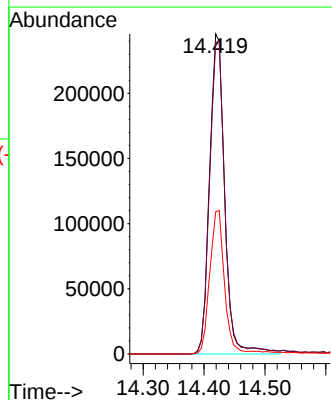
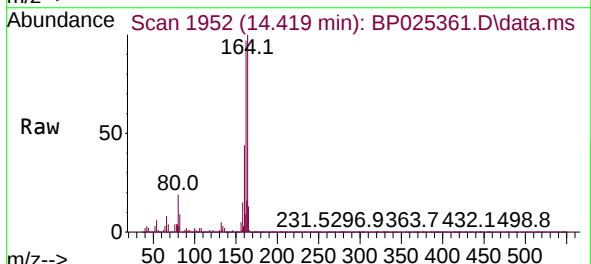
Instrument :
BNA_P
ClientSampleId :
PB169176BL

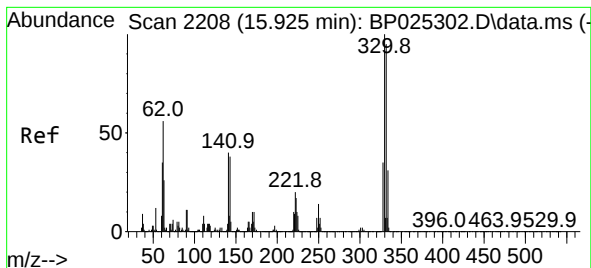
Tgt Ion: 82 Resp: 1157520
Ion Ratio Lower Upper
82 100
128 47.2 35.4 53.2
54 49.3 42.9 64.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1952
Delta R.T. 0.000 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

Tgt Ion: 164 Resp: 423004
Ion Ratio Lower Upper
164 100
162 97.3 80.6 120.8
160 44.4 35.9 53.9

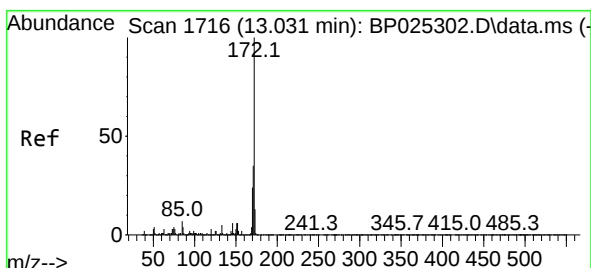
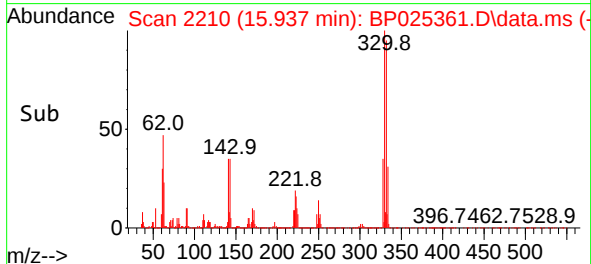
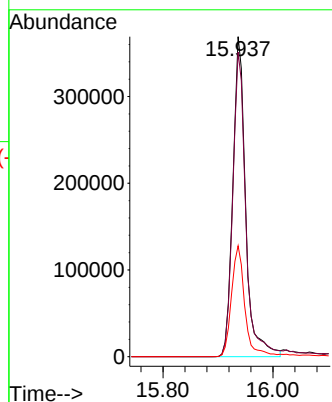
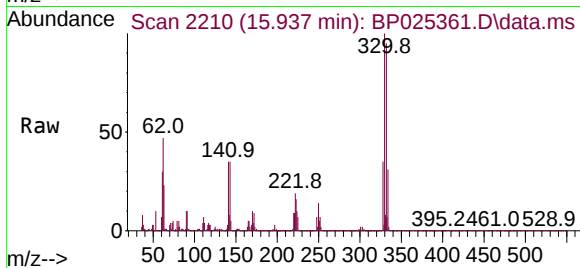




#42
2,4,6-Tribromophenol
Concen: 141.796 ng
RT: 15.937 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

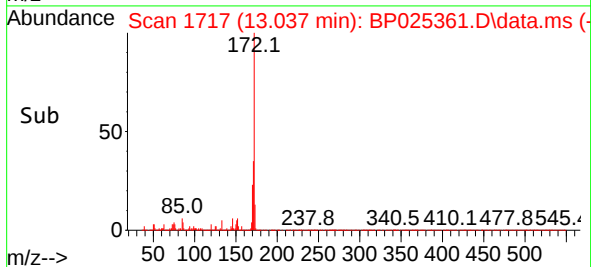
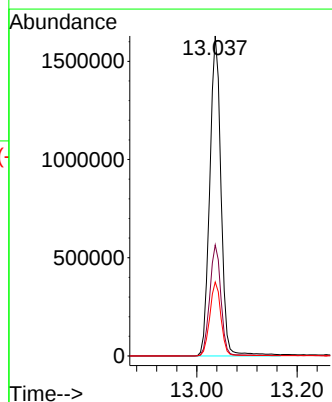
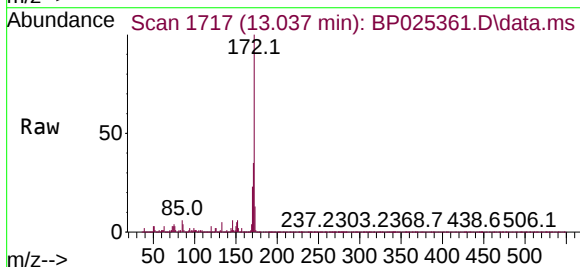
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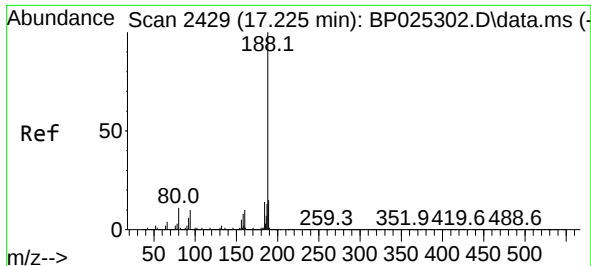
Tgt Ion:330 Resp: 598373
Ion Ratio Lower Upper
330 100
332 101.1 77.4 116.0
141 36.9 31.7 47.5



#45
2-Fluorobiphenyl
Concen: 83.160 ng
RT: 13.037 min Scan# 1717
Delta R.T. 0.006 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

Tgt Ion:172 Resp: 2546842
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 23.1 18.9 28.3

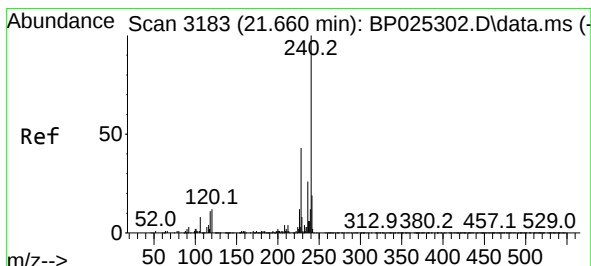
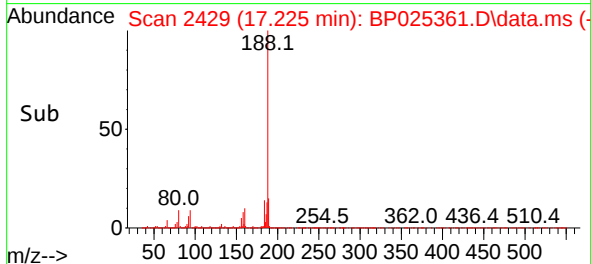
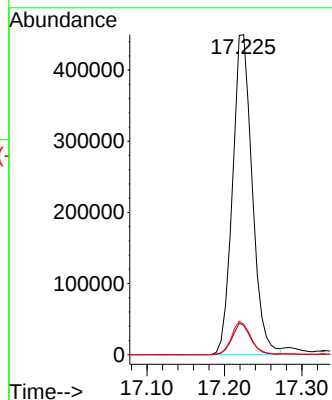
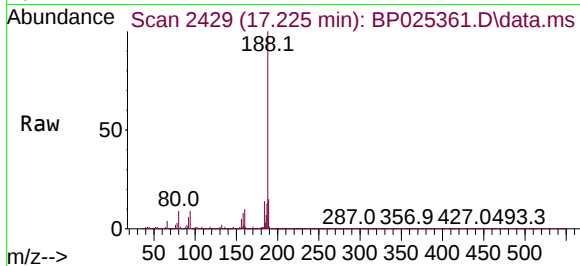




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

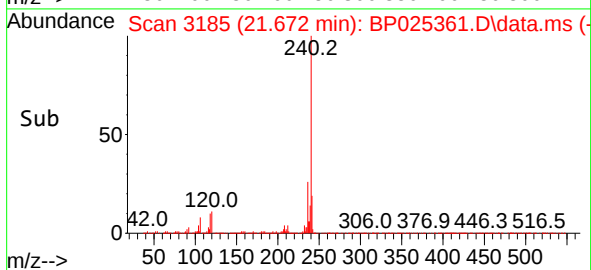
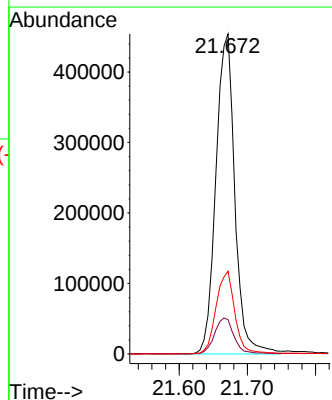
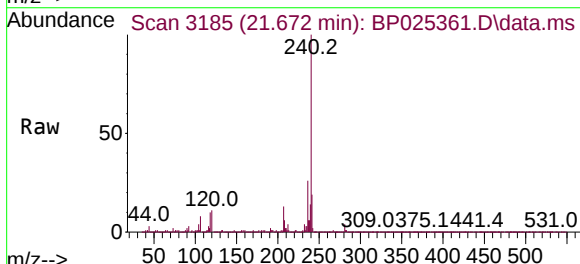
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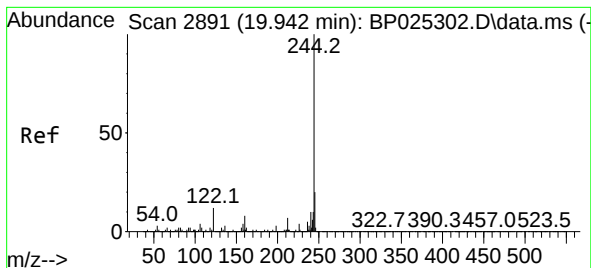
Tgt Ion:188 Resp: 795112
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 9.5 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.672 min Scan# 3185
Delta R.T. 0.012 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

Tgt Ion:240 Resp: 877135
Ion Ratio Lower Upper
240 100
120 10.8 9.6 14.4
236 25.9 20.4 30.6





#79

Terphenyl-d14

Concen: 81.876 ng

RT: 19.942 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025361.D

Acq: 12 Aug 2025 10:49

Instrument :

BNA_P

ClientSampleId :

PB169176BL

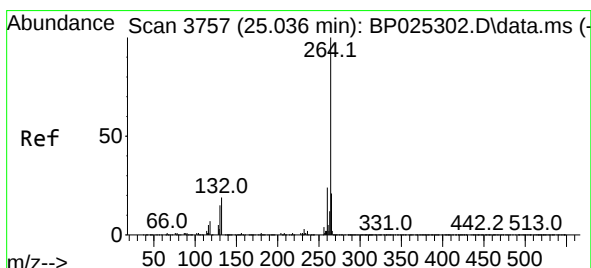
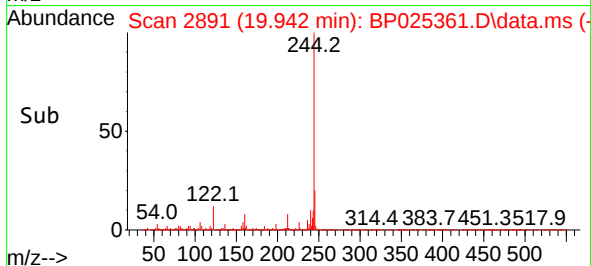
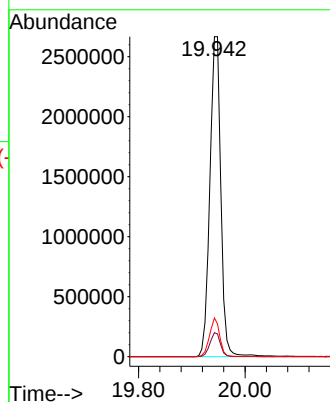
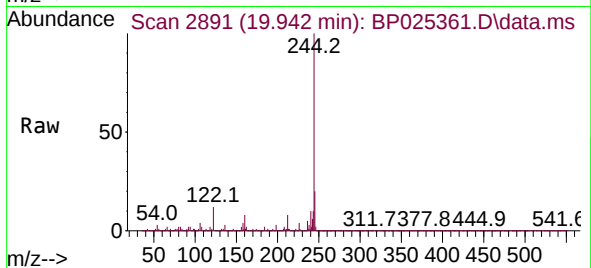
Tgt Ion:244 Resp: 3802266

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

122 12.1 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.048 min Scan# 3759

Delta R.T. 0.012 min

Lab File: BP025361.D

Acq: 12 Aug 2025 10:49

Tgt Ion:264 Resp: 1062238

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.7 17.1 25.7

