

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081325\
 Data File : BP025386.D
 Acq On : 13 Aug 2025 16:09
 Operator : CG/JU
 Sample : Q2820-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 82H-S

Quant Time: Aug 13 16:37:19 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	188879	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	737904	20.000	ng	0.00
39) Acenaphthene-d10	14.425	164	464131	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	911140	20.000	ng	0.00
76) Chrysene-d12	21.677	240	1035675	20.000	ng	0.02
86) Perylene-d12	25.060	264	1183878	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	789543	67.232	ng	0.00
7) Phenol-d6	6.972	99	958803	62.037	ng	0.00
23) Nitrobenzene-d5	8.937	82	621642	46.672	ng	0.00
42) 2,4,6-Tribromophenol	15.931	330	415791	89.799	ng	0.00
45) 2-Fluorobiphenyl	13.031	172	1435039	42.705	ng	0.00
79) Terphenyl-d14	19.954	244	2296040	41.873	ng	0.01

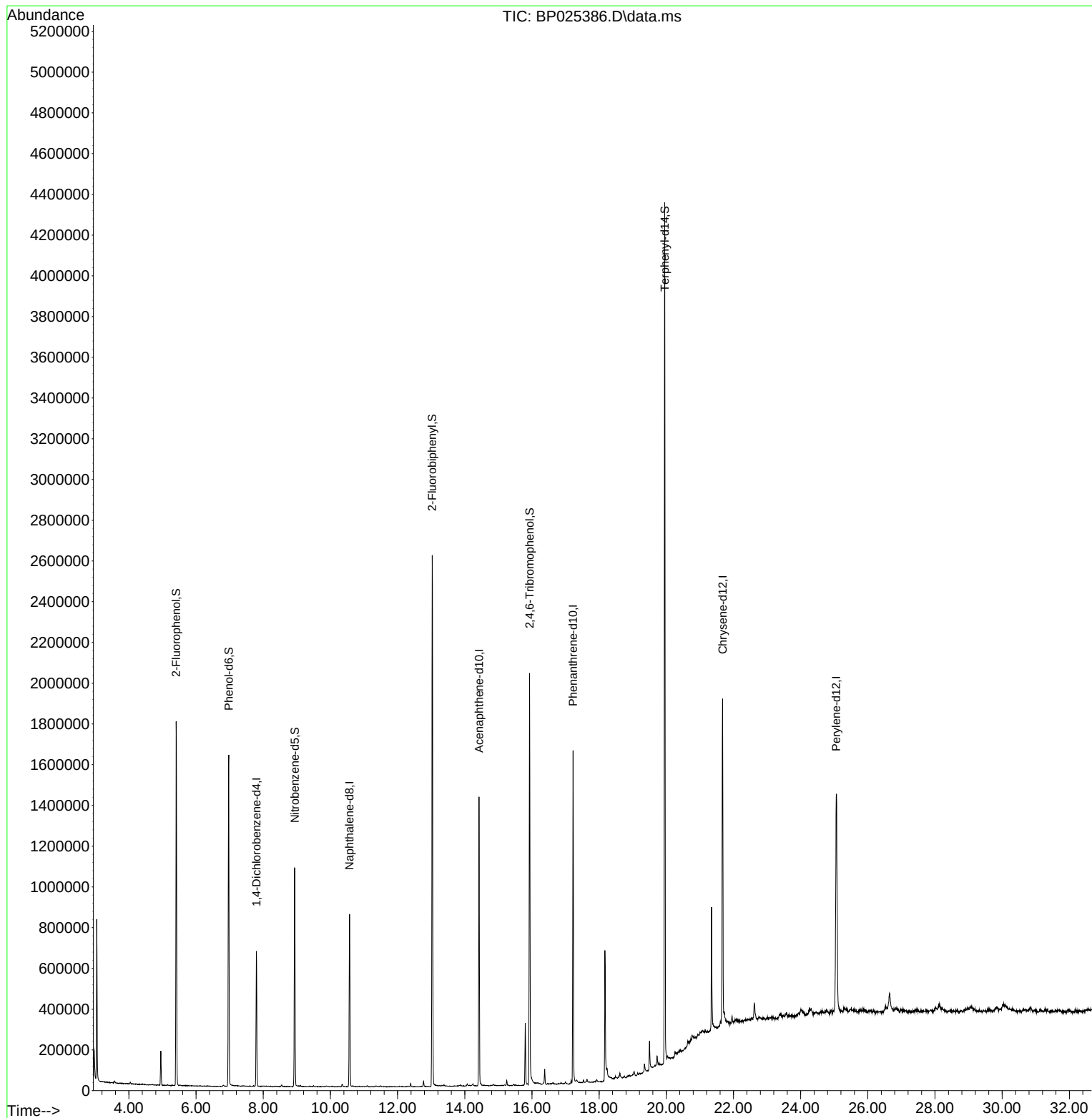
Target Compounds	Qvalue

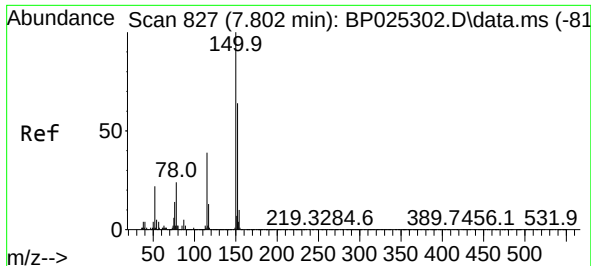
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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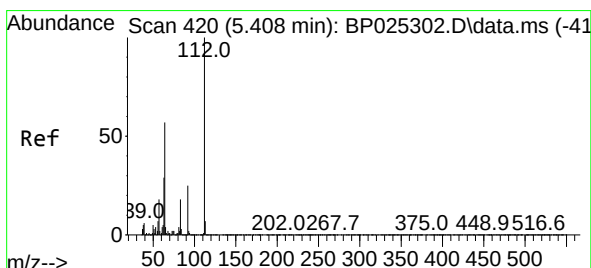
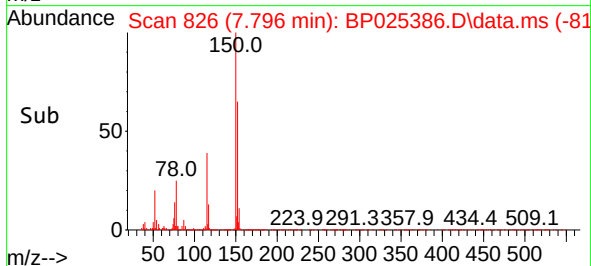
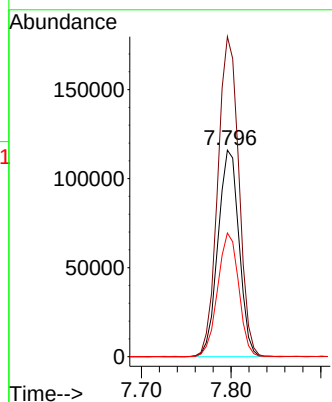
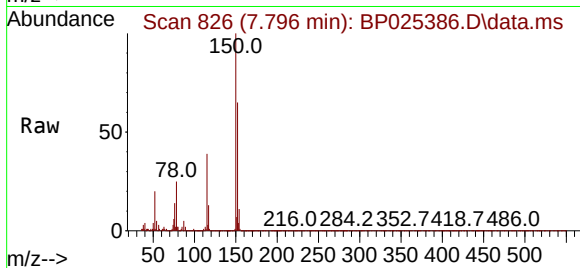




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.796 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025386.D
 Acq: 13 Aug 2025 16:09

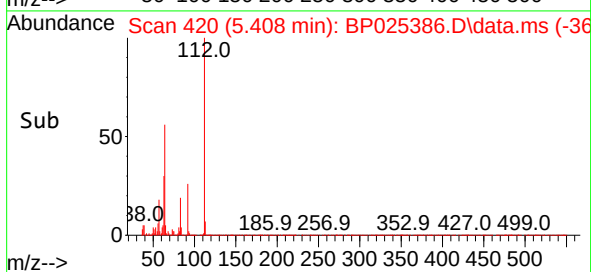
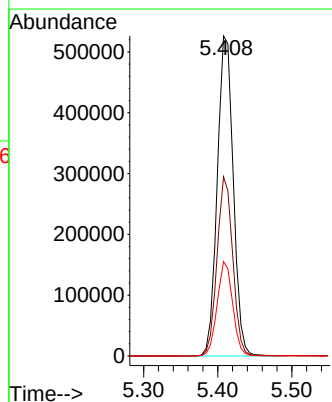
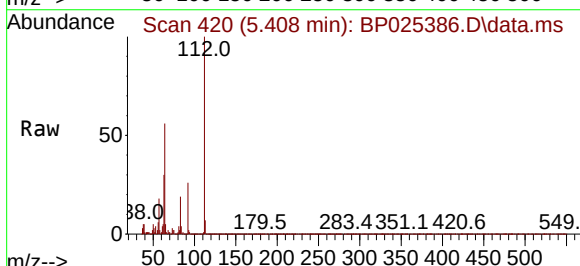
Instrument :
 BNA_P
 ClientSampleId :
 82H-S

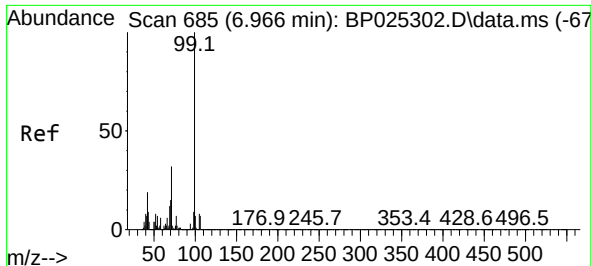
Tgt Ion:152 Resp: 188879
 Ion Ratio Lower Upper
 152 100
 150 154.9 125.1 187.7
 115 59.9 48.4 72.6



#5
 2-Fluorophenol
 Concen: 67.232 ng
 RT: 5.408 min Scan# 420
 Delta R.T. -0.000 min
 Lab File: BP025386.D
 Acq: 13 Aug 2025 16:09

Tgt Ion:112 Resp: 789543
 Ion Ratio Lower Upper
 112 100
 64 56.0 45.3 67.9
 63 29.5 23.0 34.6

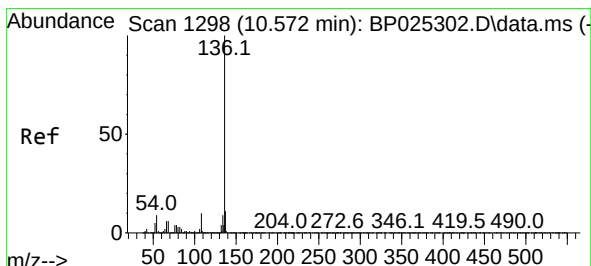
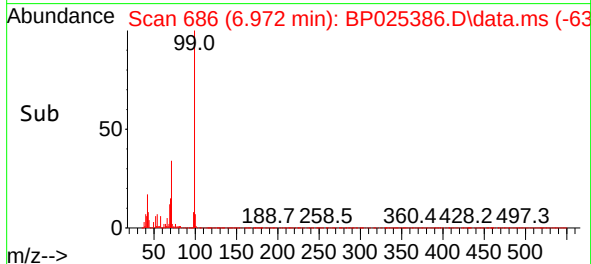
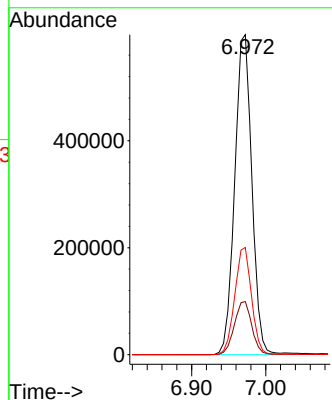
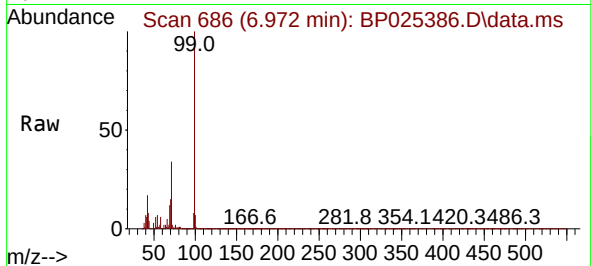




#7
Phenol-d6
Concen: 62.037 ng
RT: 6.972 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025386.D
Acq: 13 Aug 2025 16:09

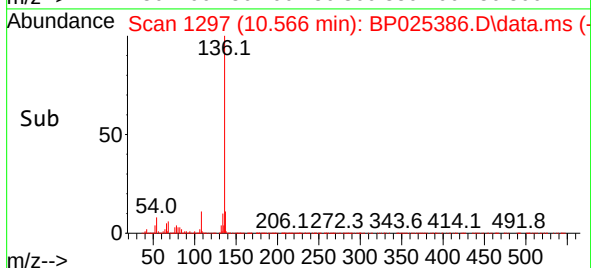
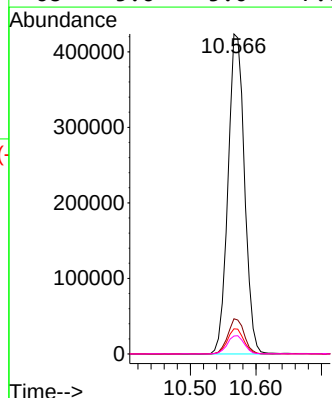
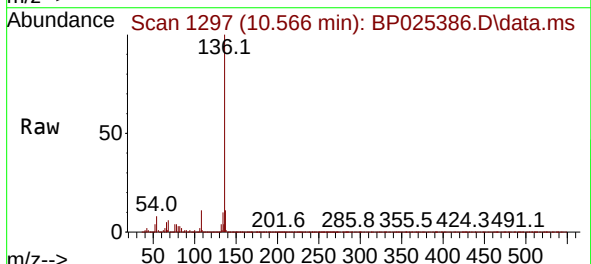
Instrument :
BNA_P
ClientSampleId :
82H-S

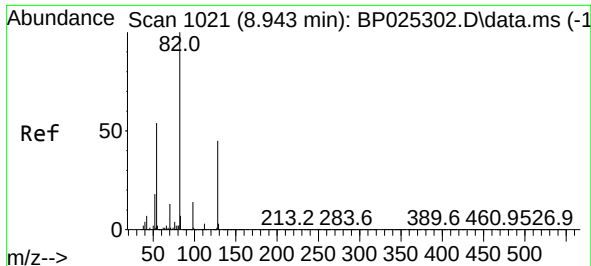
Tgt Ion: 99 Resp: 958803
Ion Ratio Lower Upper
99 100
42 16.6 15.0 22.6
71 33.5 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BP025386.D
Acq: 13 Aug 2025 16:09

Tgt Ion:136 Resp: 737904
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.9 7.0 10.6
68 5.6 5.0 7.6

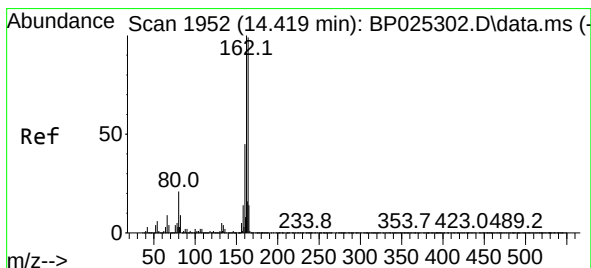
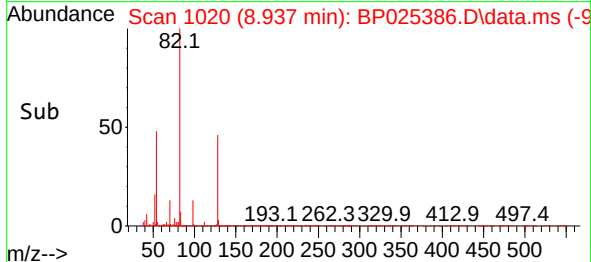
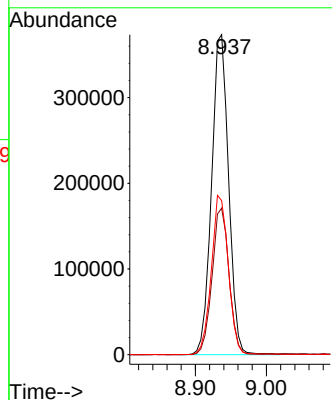
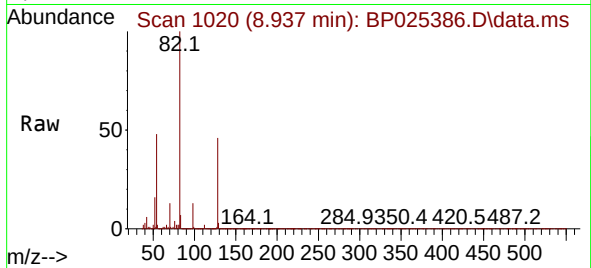




#23
Nitrobenzene-d5
Concen: 46.672 ng
RT: 8.937 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP025386.D
Acq: 13 Aug 2025 16:09

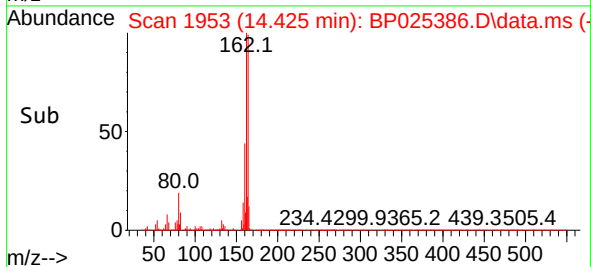
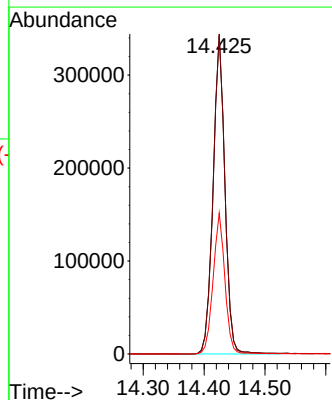
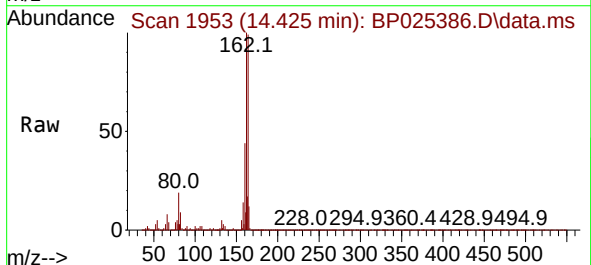
Instrument :
BNA_P
ClientSampleId :
82H-S

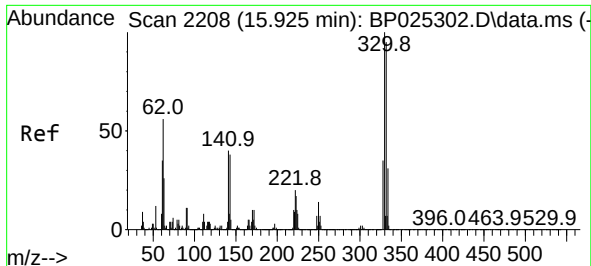
Tgt Ion: 82 Resp: 621642
Ion Ratio Lower Upper
82 100
128 45.8 35.4 53.2
54 48.2 42.9 64.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.425 min Scan# 1953
Delta R.T. 0.006 min
Lab File: BP025386.D
Acq: 13 Aug 2025 16:09

Tgt Ion:164 Resp: 464131
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 44.3 35.9 53.9

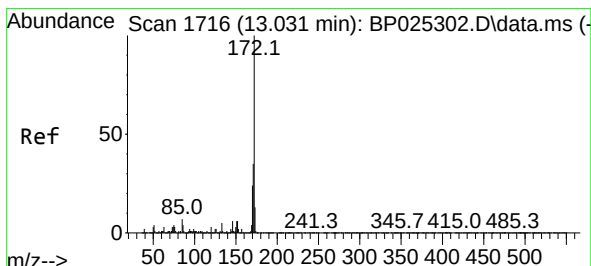
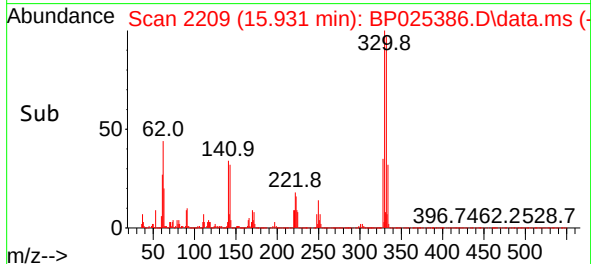
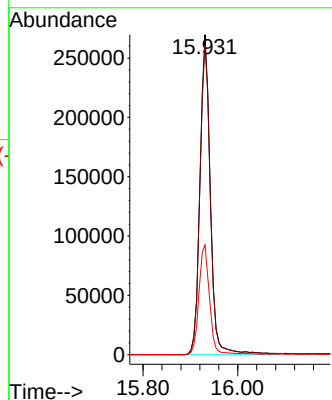
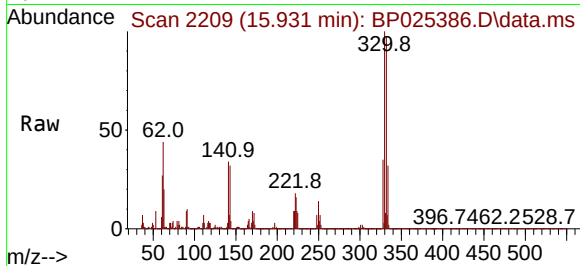




#42
2,4,6-Tribromophenol
Concen: 89.799 ng
RT: 15.931 min Scan# 2208
Delta R.T. 0.006 min
Lab File: BP025386.D
Acq: 13 Aug 2025 16:09

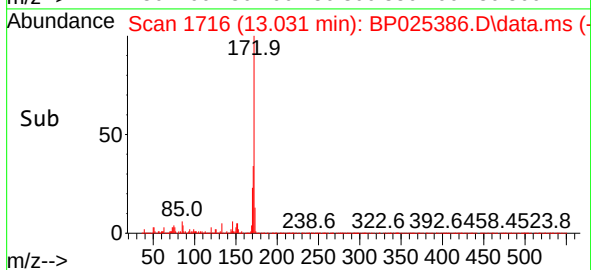
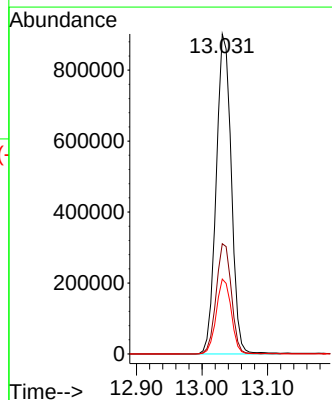
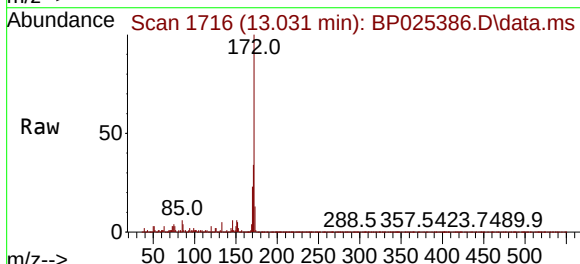
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ClientSampleId :
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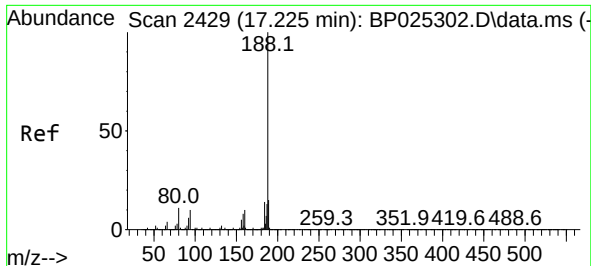
Tgt Ion:330 Resp: 415791
Ion Ratio Lower Upper
330 100
332 97.5 77.4 116.0
141 34.5 31.7 47.5



#45
2-Fluorobiphenyl
Concen: 42.705 ng
RT: 13.031 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BP025386.D
Acq: 13 Aug 2025 16:09

Tgt Ion:172 Resp: 1435039
Ion Ratio Lower Upper
172 100
171 34.5 27.9 41.9
170 23.4 18.9 28.3

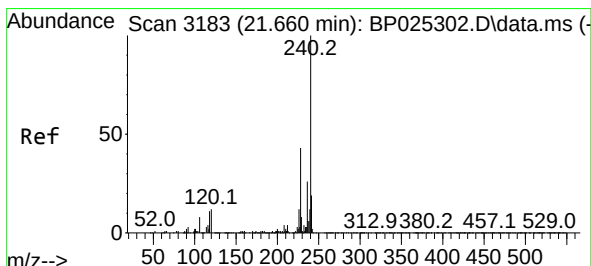
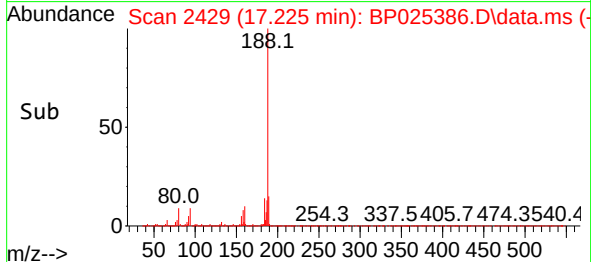
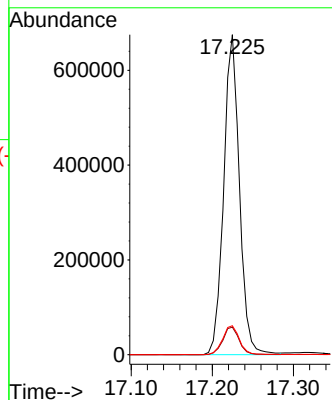
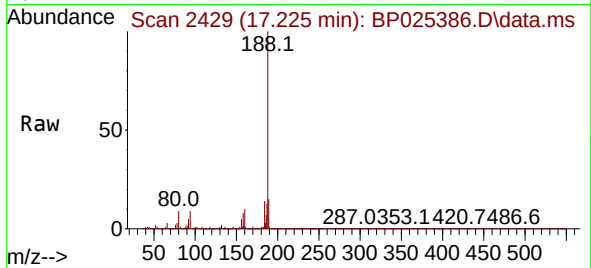




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP025386.D
Acq: 13 Aug 2025 16:09

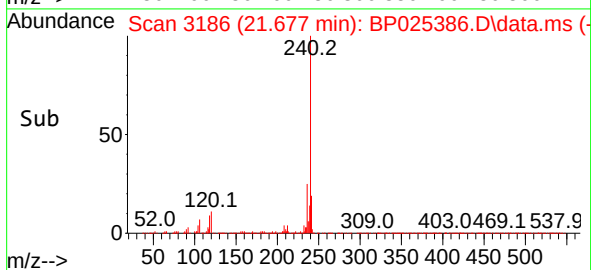
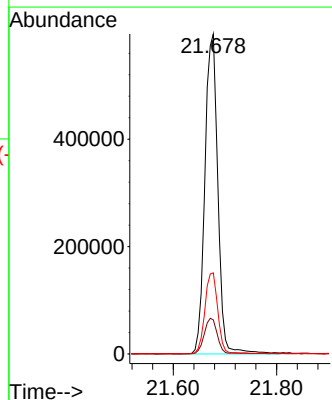
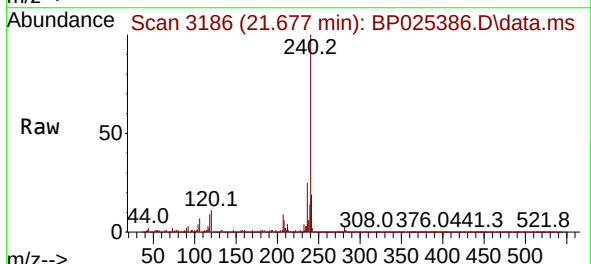
Instrument :
BNA_P
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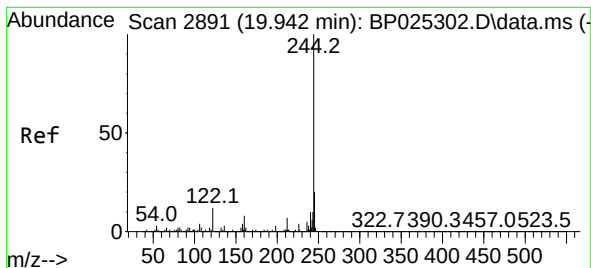
Tgt Ion:188 Resp: 911140
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 9.1 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.677 min Scan# 3186
Delta R.T. 0.017 min
Lab File: BP025386.D
Acq: 13 Aug 2025 16:09

Tgt Ion:240 Resp: 1035675
Ion Ratio Lower Upper
240 100
120 10.7 9.6 14.4
236 25.4 20.4 30.6





#79

Terphenyl-d14

Concen: 41.873 ng

RT: 19.954 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025386.D

Acq: 13 Aug 2025 16:09

Instrument :

BNA_P

ClientSampleId :

82H-S

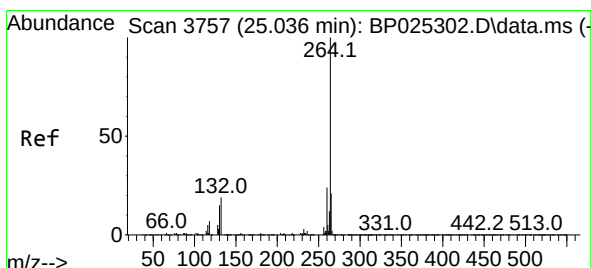
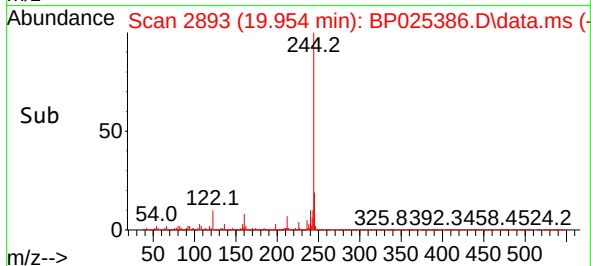
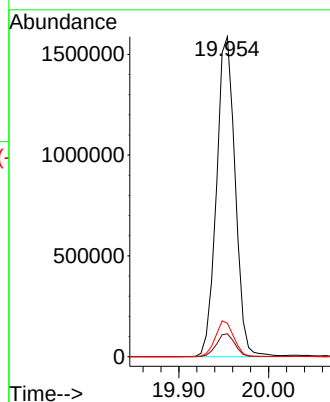
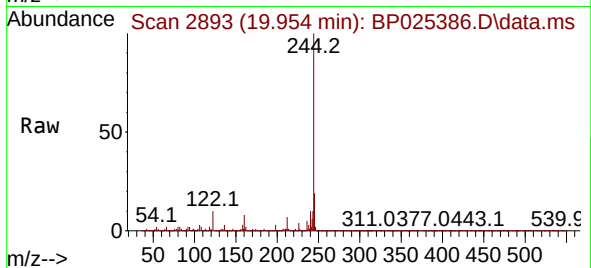
Tgt Ion:244 Resp: 2296040

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 10.5 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.060 min Scan# 3761

Delta R.T. 0.024 min

Lab File: BP025386.D

Acq: 13 Aug 2025 16:09

Tgt Ion:264 Resp: 1183878

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.2 17.1 25.7

