

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025414.D
 Acq On : 15 Aug 2025 05:07
 Operator : CG/JU
 Sample : Q2820-17
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 88H-E

Quant Time: Aug 15 08:01:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	140408	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	555583	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	371326	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	797971	20.000	ng	0.00
76) Chrysene-d12	21.636	240	894007	20.000	ng	-0.01
86) Perylene-d12	25.001	264	1029799	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	897806	106.189	ng	0.00
7) Phenol-d6	6.972	99	1146067	105.729	ng	0.00
23) Nitrobenzene-d5	8.931	82	725162	66.026	ng	0.00
42) 2,4,6-Tribromophenol	15.901	330	555021	111.047	ng	-0.01
45) 2-Fluorobiphenyl	13.013	172	1672131	61.544	ng	0.00
79) Terphenyl-d14	19.919	244	2857564	58.480	ng	0.00

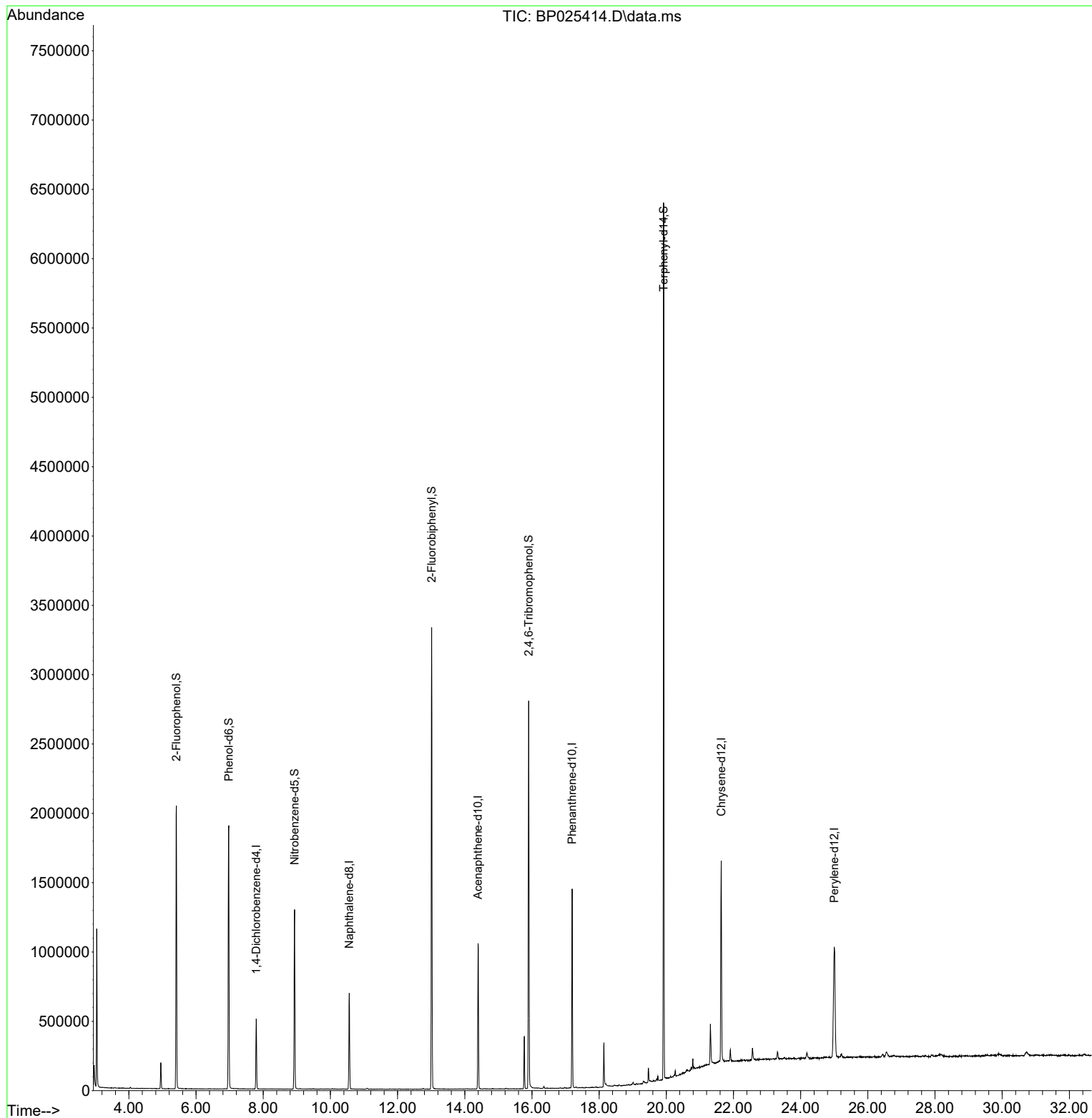
Target Compounds	Qvalue

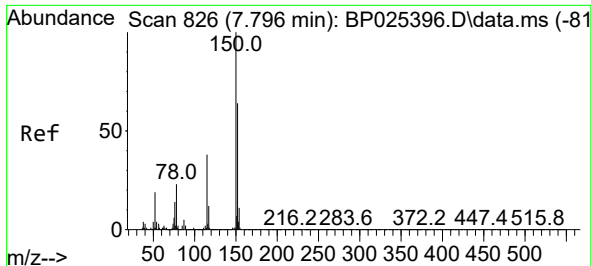
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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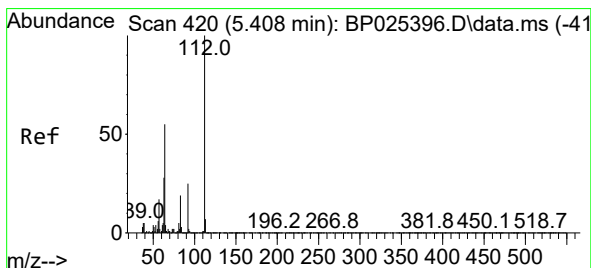
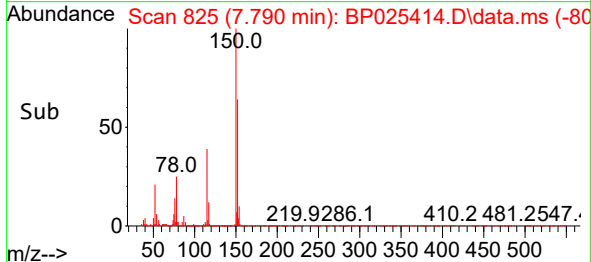
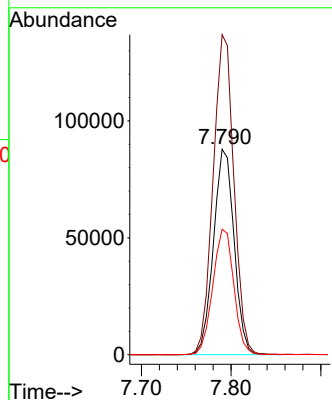
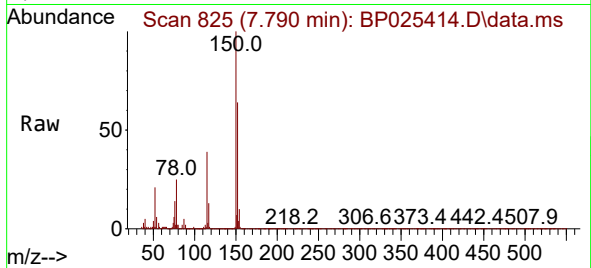




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025414.D
Acq: 15 Aug 2025 05:07

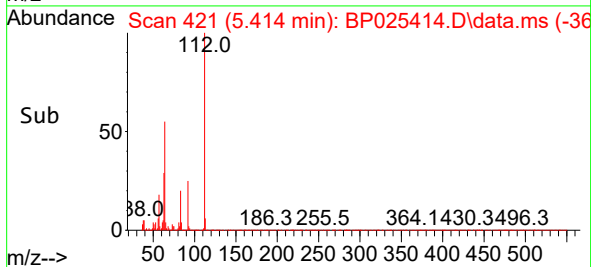
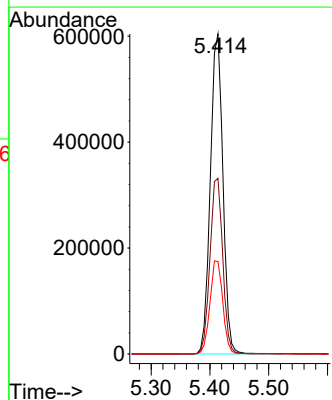
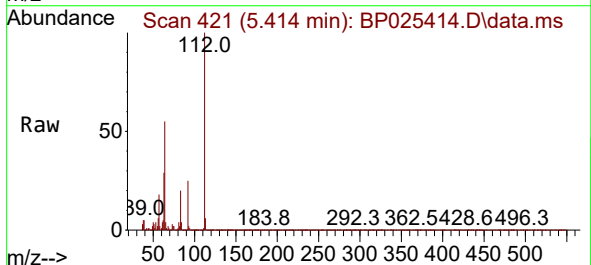
Instrument :
BNA_P
ClientSampleId :
88H-E

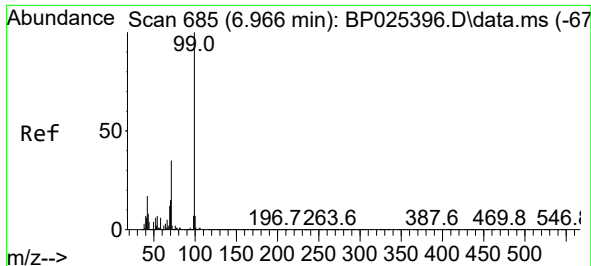
Tgt Ion:152 Resp: 140408
Ion Ratio Lower Upper
152 100
150 155.7 125.9 188.9
115 61.1 48.5 72.7



#5
2-Fluorophenol
Concen: 106.189 ng
RT: 5.414 min Scan# 421
Delta R.T. 0.006 min
Lab File: BP025414.D
Acq: 15 Aug 2025 05:07

Tgt Ion:112 Resp: 897806
Ion Ratio Lower Upper
112 100
64 54.9 43.8 65.8
63 28.9 22.7 34.1

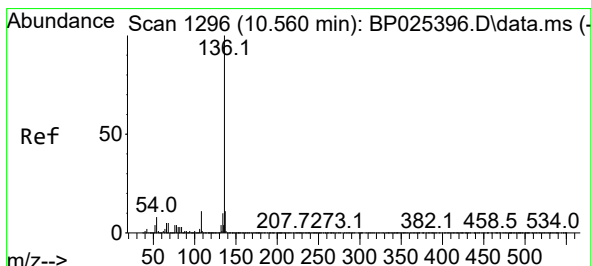
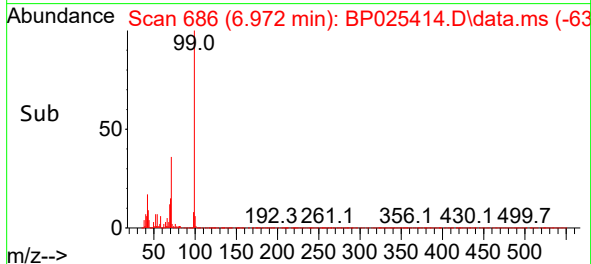
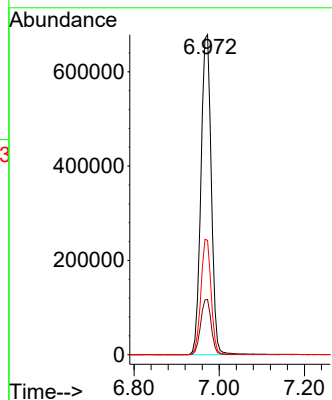
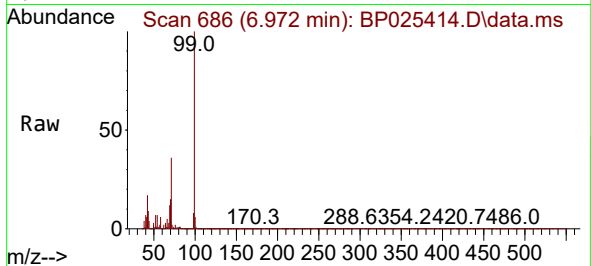




#7
Phenol-d6
Concen: 105.729 ng
RT: 6.972 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025414.D
Acq: 15 Aug 2025 05:07

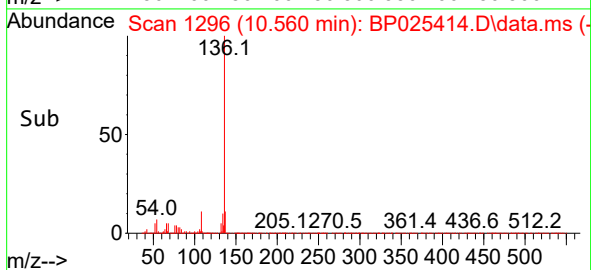
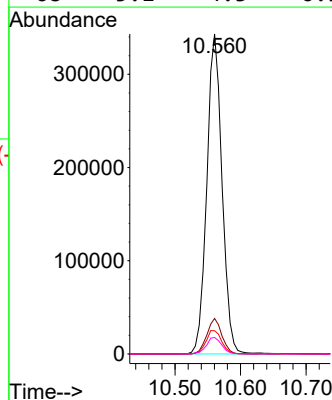
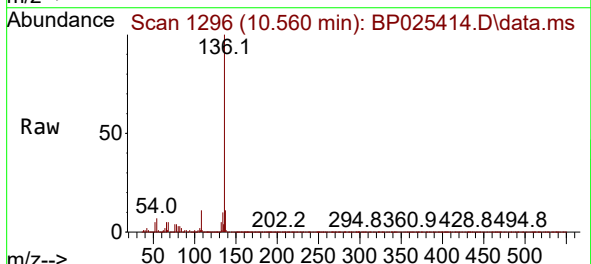
Instrument :
BNA_P
ClientSampleId :
88H-E

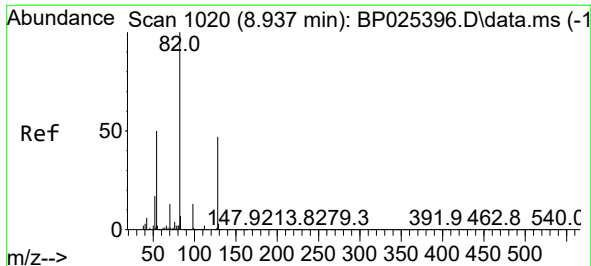
Tgt Ion: 99 Resp: 1146067
Ion Ratio Lower Upper
99 100
42 17.2 13.7 20.5
71 35.7 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025414.D
Acq: 15 Aug 2025 05:07

Tgt Ion:136 Resp: 555583
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 7.3 6.0 9.0
68 5.1 4.3 6.5

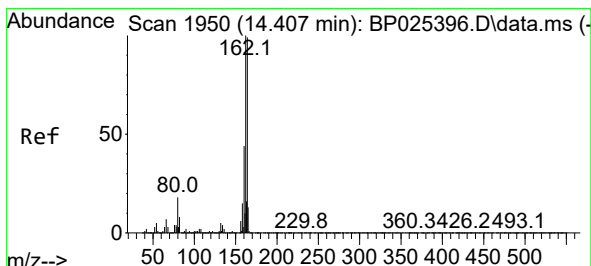
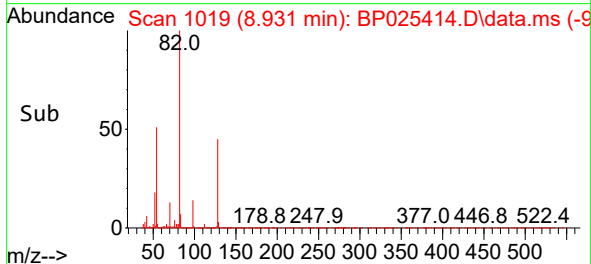
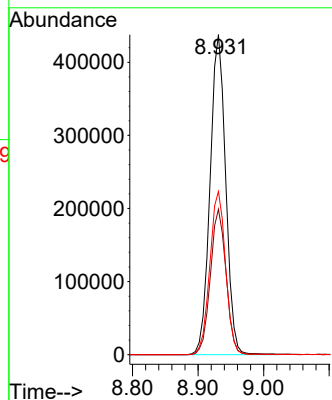
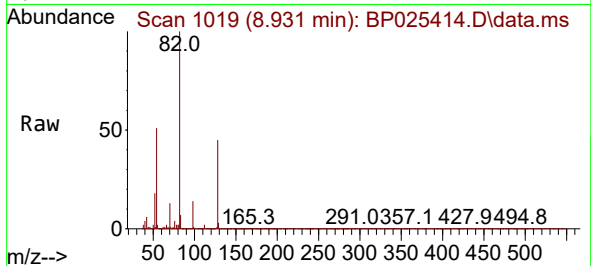




#23
Nitrobenzene-d5
Concen: 66.026 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025414.D
Acq: 15 Aug 2025 05:07

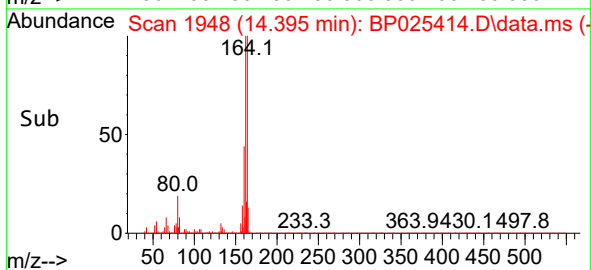
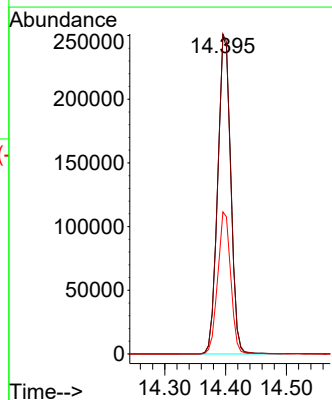
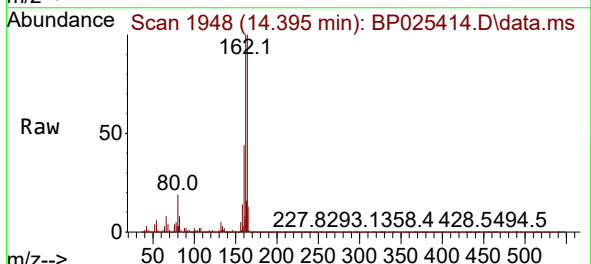
Instrument :
BNA_P
ClientSampleId :
88H-E

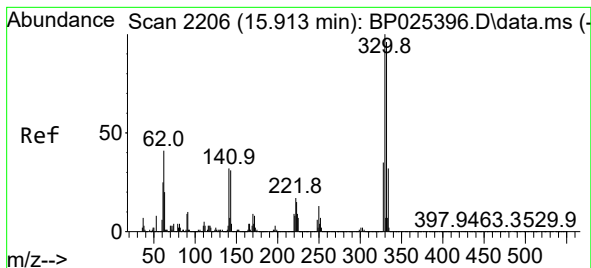
Tgt Ion: 82 Resp: 725162
Ion Ratio Lower Upper
82 100
128 45.5 37.7 56.5
54 51.0 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025414.D
Acq: 15 Aug 2025 05:07

Tgt Ion: 164 Resp: 371326
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.6
160 44.6 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 111.047 ng

RT: 15.901 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025414.D

Acq: 15 Aug 2025 05:07

Instrument :

BNA_P

ClientSampleId :

88H-E

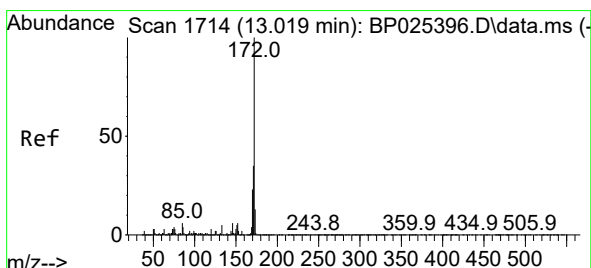
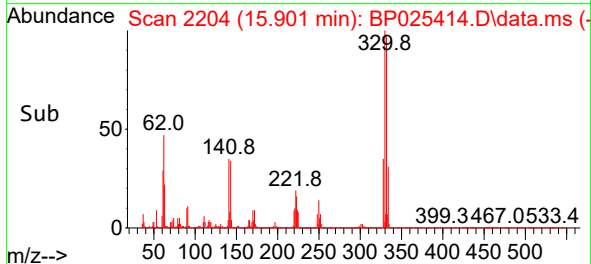
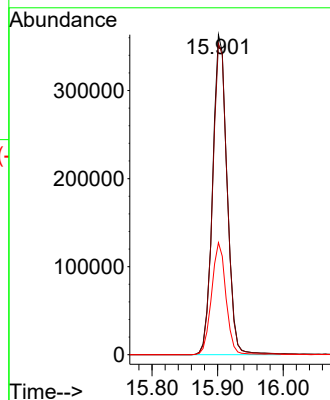
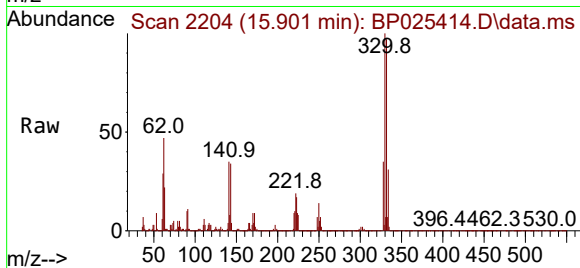
Tgt Ion:330 Resp: 555021

Ion Ratio Lower Upper

330 100

332 98.5 77.3 115.9

141 34.9 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 61.544 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025414.D

Acq: 15 Aug 2025 05:07

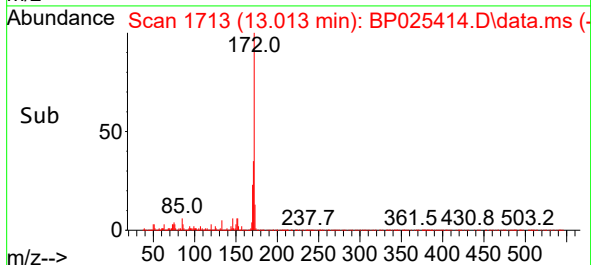
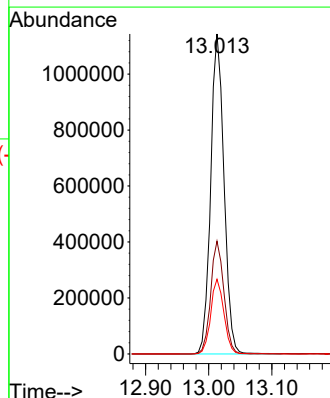
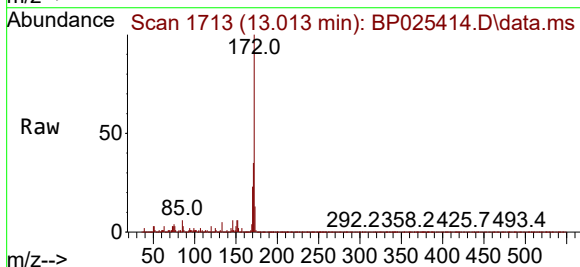
Tgt Ion:172 Resp: 1672131

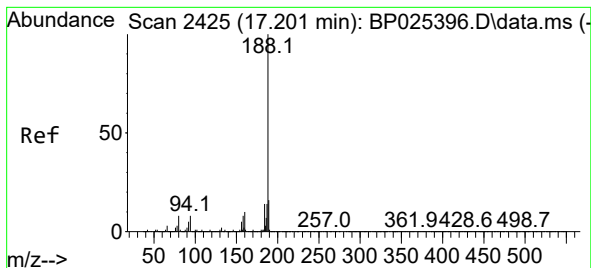
Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.4 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.195 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BP025414.D

Acq: 15 Aug 2025 05:07

Instrument :

BNA_P

ClientSampleId :

88H-E

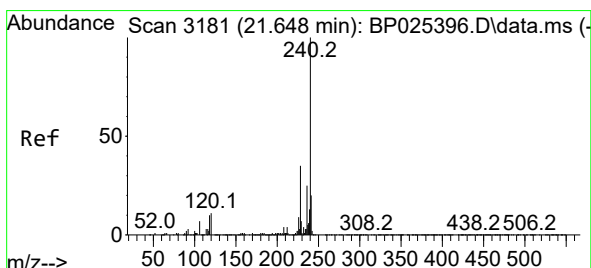
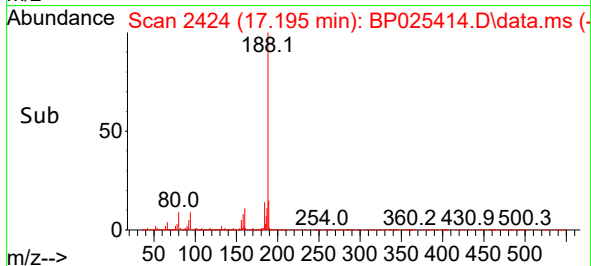
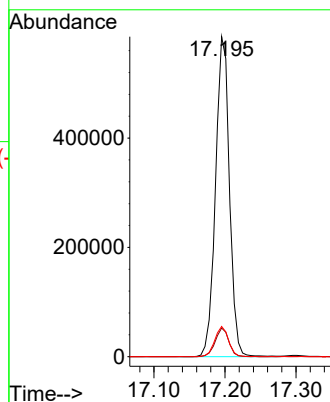
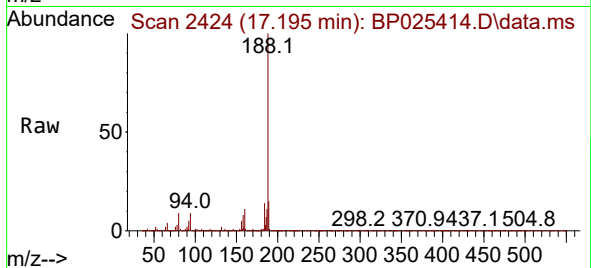
Tgt Ion:188 Resp: 797971

Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

80 9.5 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.636 min Scan# 3179

Delta R.T. -0.012 min

Lab File: BP025414.D

Acq: 15 Aug 2025 05:07

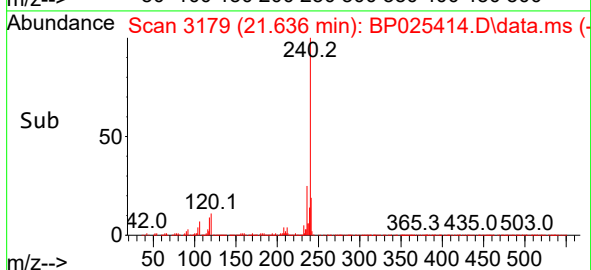
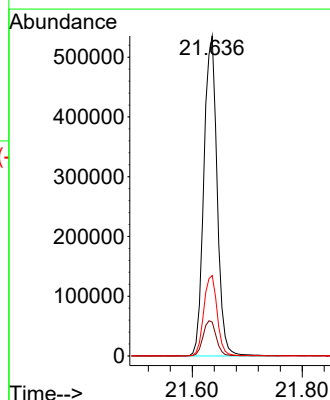
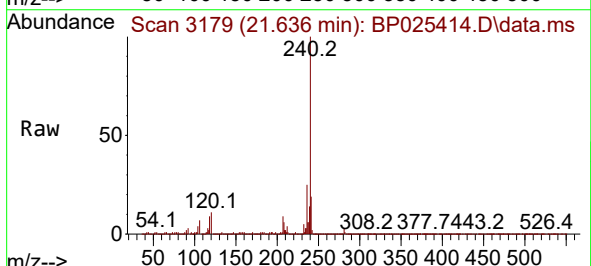
Tgt Ion:240 Resp: 894007

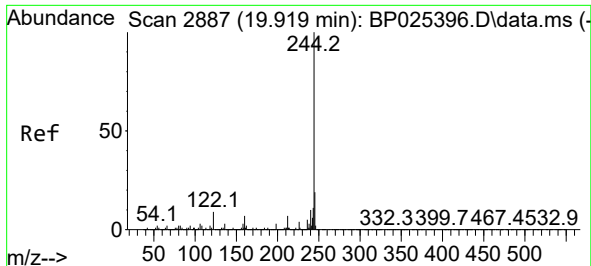
Ion Ratio Lower Upper

240 100

120 10.6 8.9 13.3

236 25.1 19.8 29.8

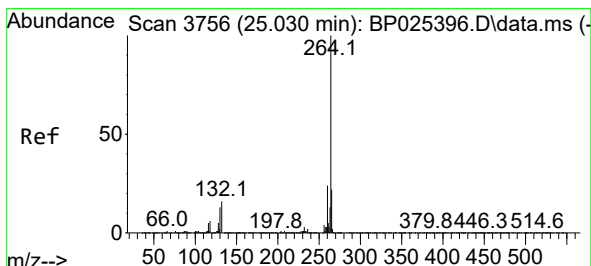
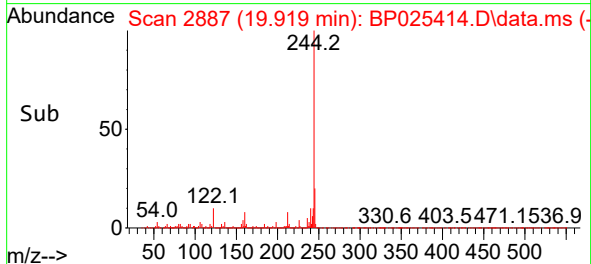
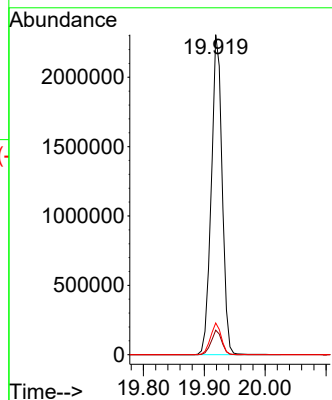
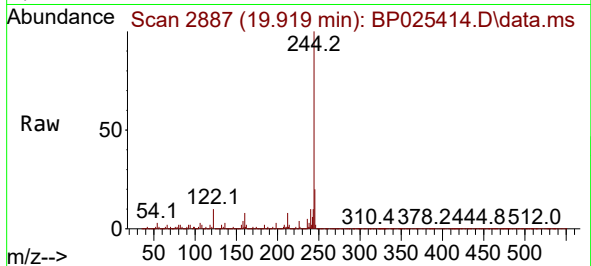




#79
 Terphenyl-d14
 Concen: 58.480 ng
 RT: 19.919 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP025414.D
 Acq: 15 Aug 2025 05:07

Instrument :
 BNA_P
 ClientSampleId :
 88H-E

Tgt Ion:244 Resp: 2857564
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.6
 122 9.9 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.001 min Scan# 3751
 Delta R.T. -0.029 min
 Lab File: BP025414.D
 Acq: 15 Aug 2025 05:07

Tgt Ion:264 Resp: 1029799
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 21.7 17.4 26.0

