

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
 Data File : BP025681.D
 Acq On : 05 Sep 2025 18:08
 Operator : CG/JU
 Sample : PB169477TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169477TB

Quant Time: Sep 05 18:39:01 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	7.766	152	120774	20.000	ng	-0.03
21) Naphthalene-d8	10.543	136	458086	20.000	ng	-0.02
39) Acenaphthene-d10	14.395	164	285692	20.000	ng	-0.01
64) Phenanthrene-d10	17.201	188	622502	20.000	ng	0.00
76) Chrysene-d12	21.636	240	700373	20.000	ng	-0.01
86) Perylene-d12	25.018	264	820172	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	1016685	139.799	ng	-0.01
7) Phenol-d6	6.955	99	1227289	131.628	ng	-0.01
23) Nitrobenzene-d5	8.913	82	805479	88.947	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	594458	154.588	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	1782259	85.259	ng	-0.02
79) Terphenyl-d14	19.919	244	3348475	87.472	ng	0.00

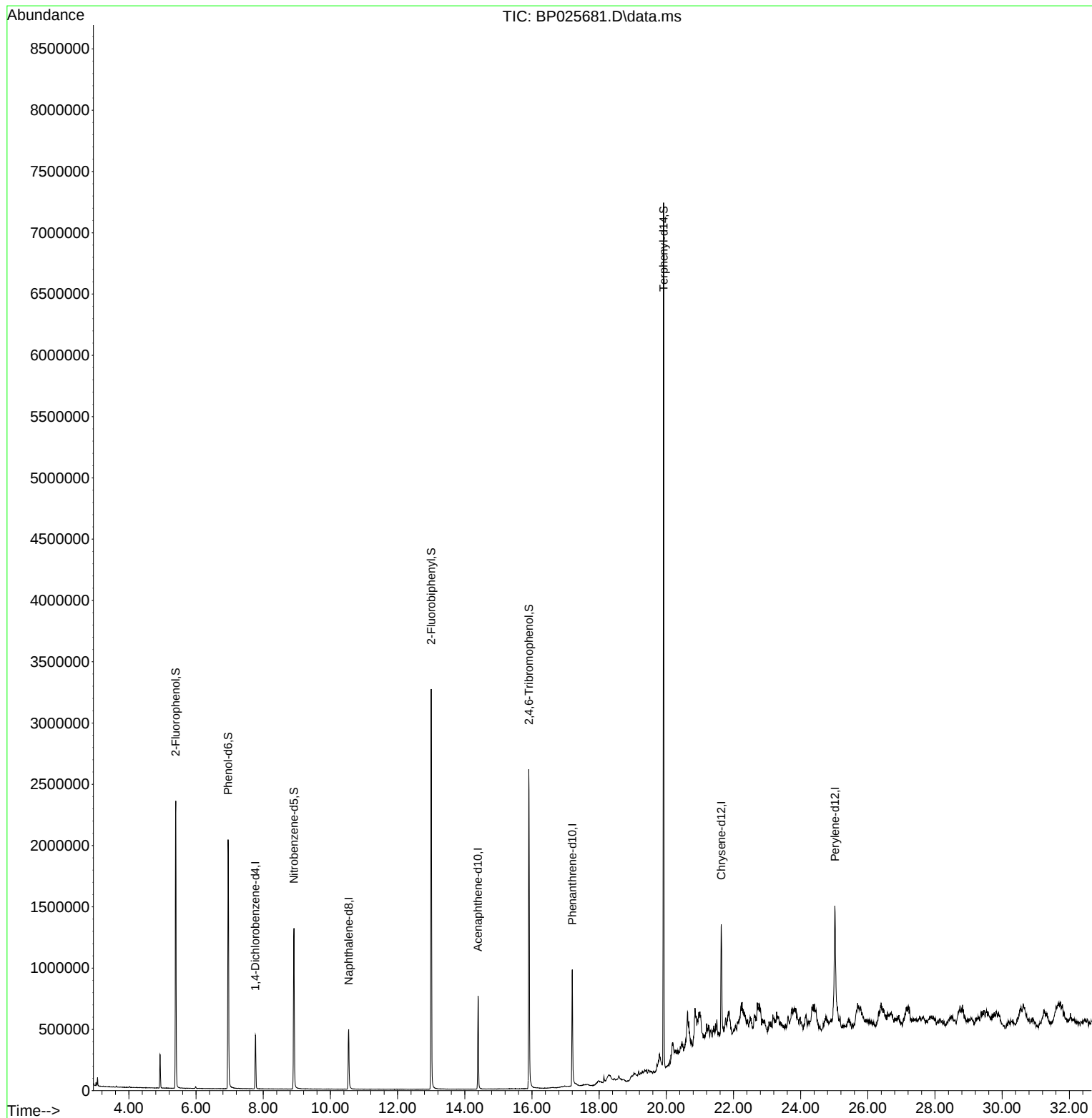
Target Compounds	Qvalue

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

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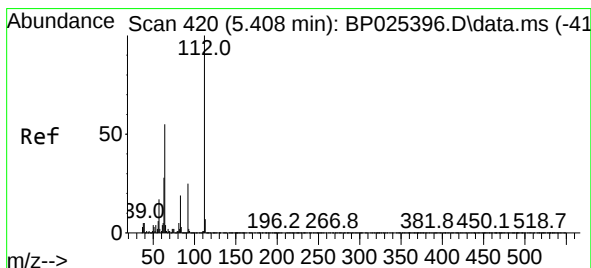
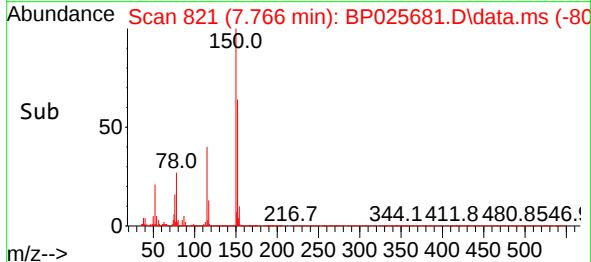
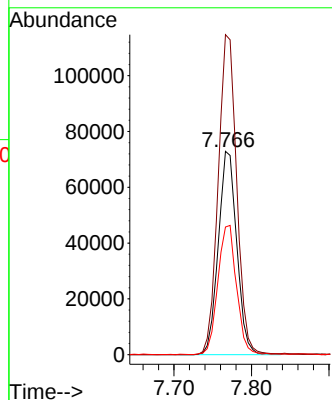
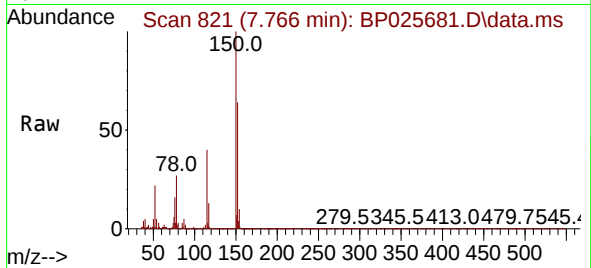




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.766 min Scan# 81
Delta R.T. -0.030 min
Lab File: BP025681.D
Acq: 05 Sep 2025 18:08

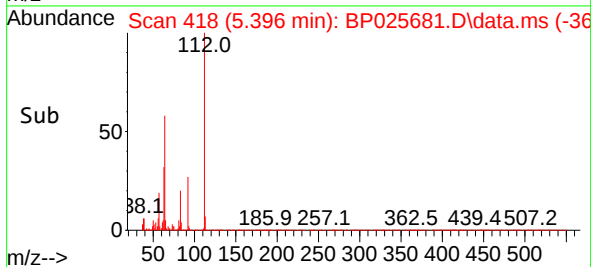
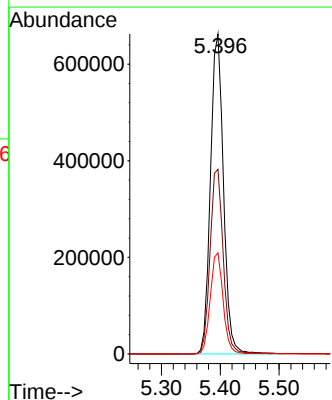
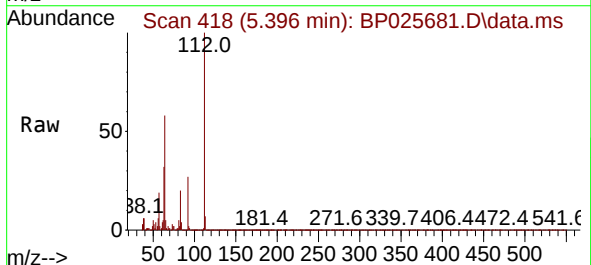
Instrument :
BNA_P
ClientSampleId :
PB169477TB

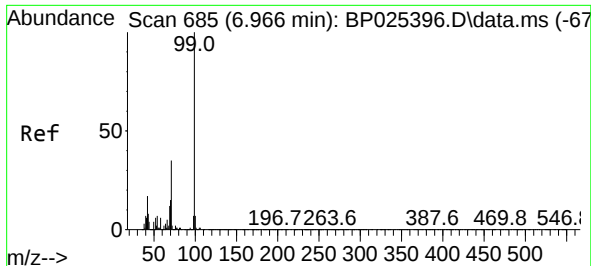
Tgt Ion:152 Resp: 120774
Ion Ratio Lower Upper
152 100
150 157.4 125.9 188.9
115 62.8 48.5 72.7



#5
2-Fluorophenol
Concen: 139.799 ng
RT: 5.396 min Scan# 418
Delta R.T. -0.012 min
Lab File: BP025681.D
Acq: 05 Sep 2025 18:08

Tgt Ion:112 Resp: 1016685
Ion Ratio Lower Upper
112 100
64 57.7 43.8 65.8
63 31.6 22.7 34.1

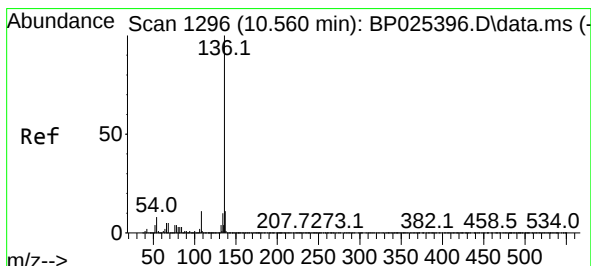
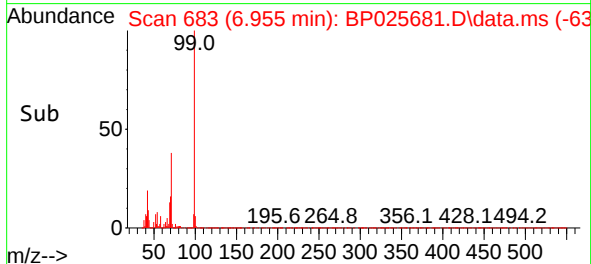
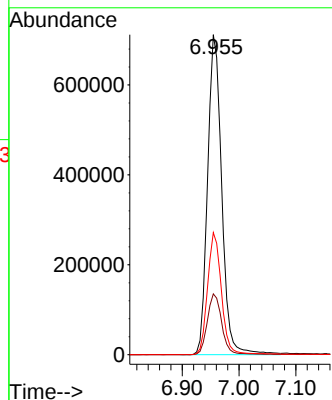
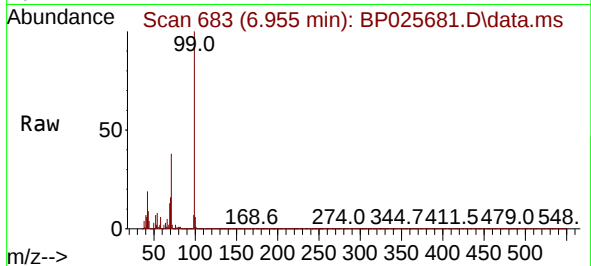




#7
Phenol-d6
Concen: 131.628 ng
RT: 6.955 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025681.D
Acq: 05 Sep 2025 18:08

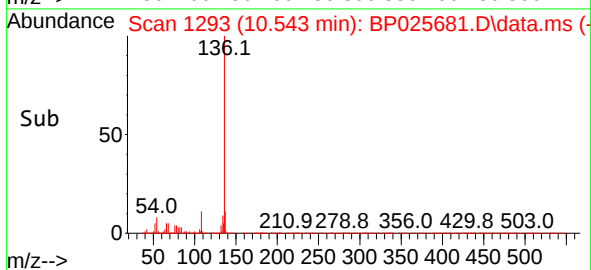
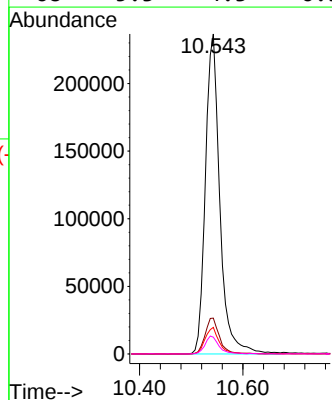
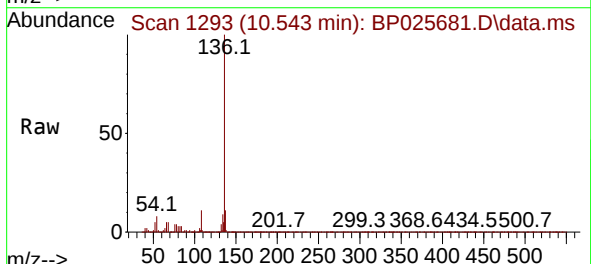
Instrument :
BNA_P
ClientSampleId :
PB169477TB

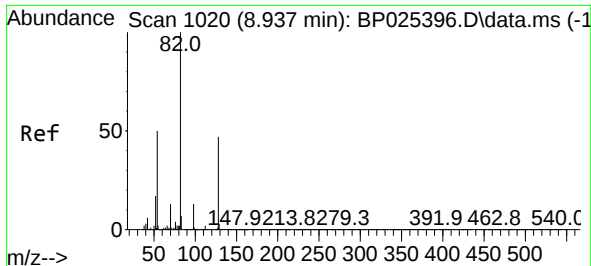
Tgt Ion: 99 Resp: 1227289
Ion Ratio Lower Upper
99 100
42 19.0 13.7 20.5
71 38.1 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025681.D
Acq: 05 Sep 2025 18:08

Tgt Ion: 136 Resp: 458086
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 8.3 6.0 9.0
68 5.3 4.3 6.5

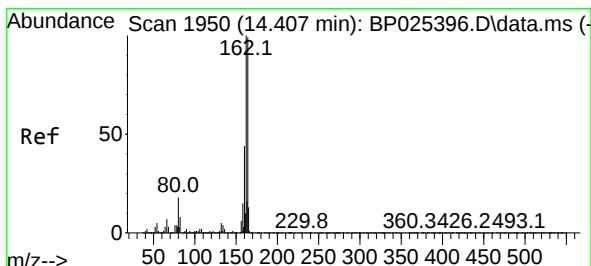
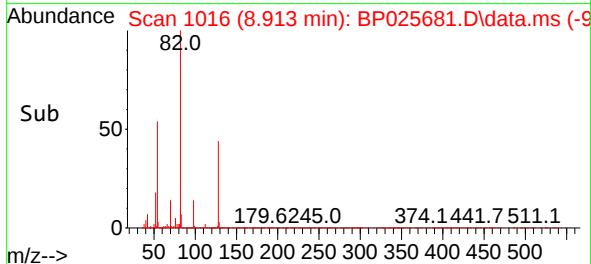
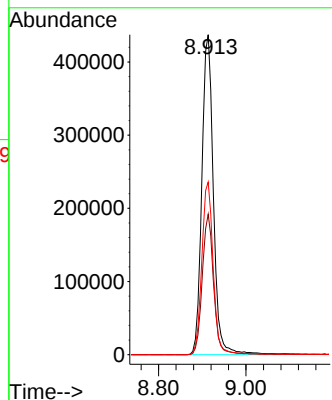
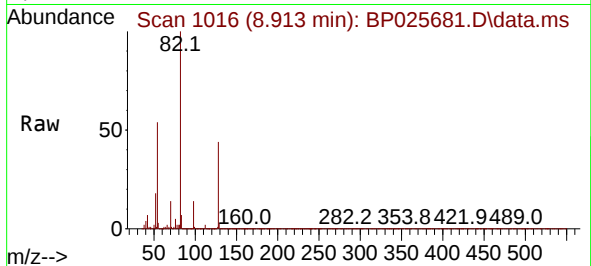




#23
Nitrobenzene-d5
Concen: 88.947 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.023 min
Lab File: BP025681.D
Acq: 05 Sep 2025 18:08

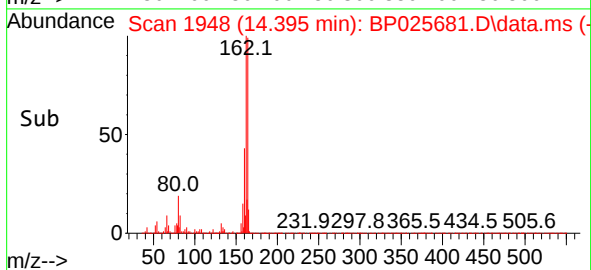
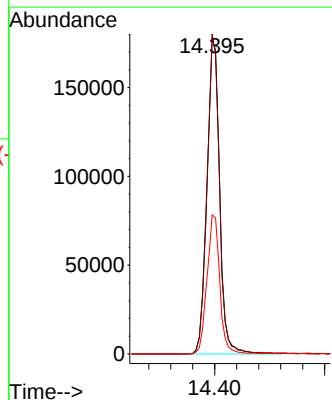
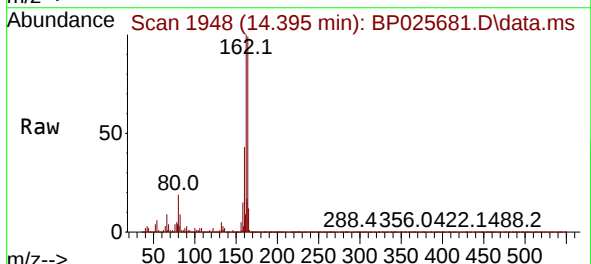
Instrument :
BNA_P
ClientSampleId :
PB169477TB

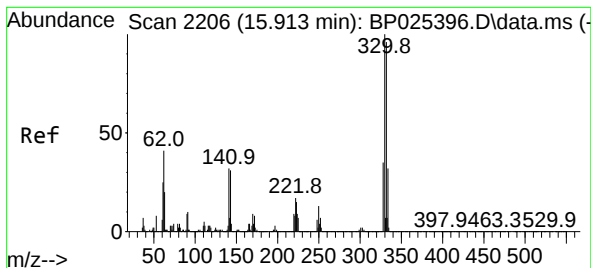
Tgt Ion: 82 Resp: 805479
Ion Ratio Lower Upper
82 100
128 43.9 37.7 56.5
54 54.0 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025681.D
Acq: 05 Sep 2025 18:08

Tgt Ion:164 Resp: 285692
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.6
160 44.0 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 154.588 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025681.D

Acq: 05 Sep 2025 18:08

Instrument :

BNA_P

ClientSampleId :

PB169477TB

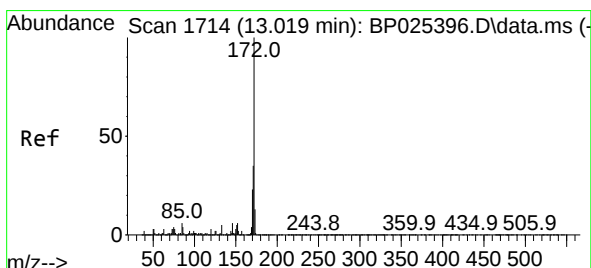
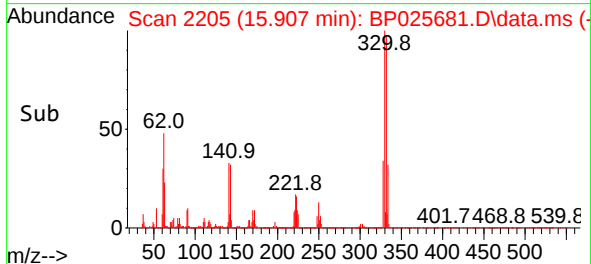
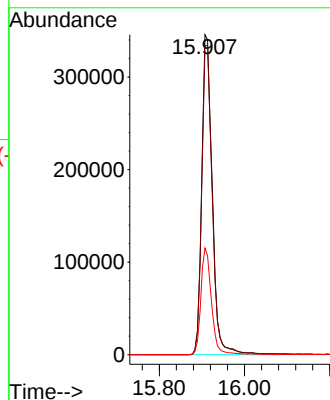
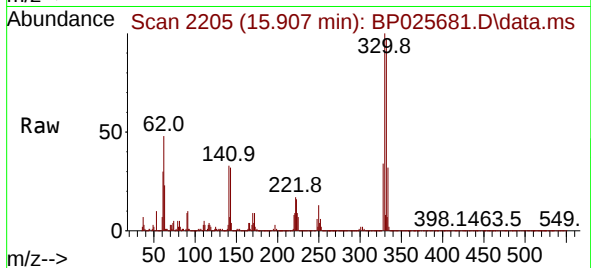
Tgt Ion:330 Resp: 594458

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

141 33.4 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 85.259 ng

RT: 13.001 min Scan# 1711

Delta R.T. -0.017 min

Lab File: BP025681.D

Acq: 05 Sep 2025 18:08

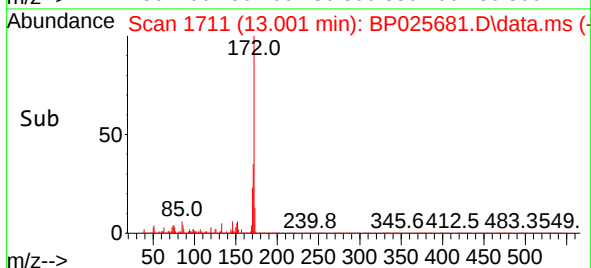
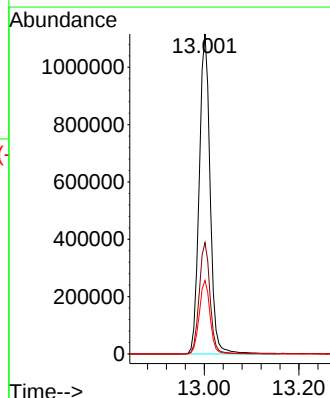
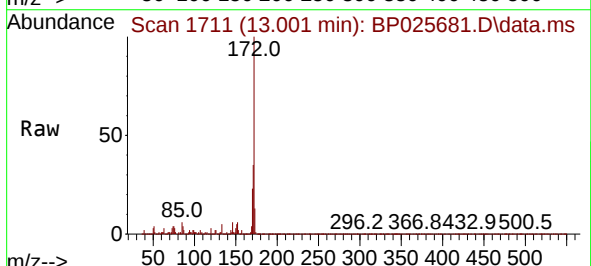
Tgt Ion:172 Resp: 1782259

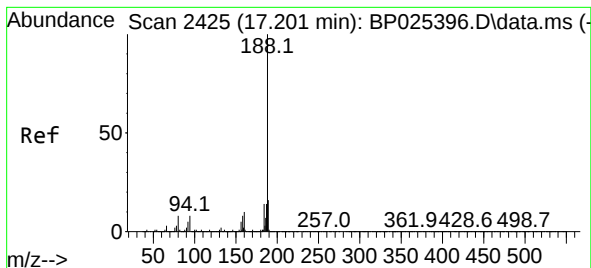
Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 22.9 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.201 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BP025681.D

Acq: 05 Sep 2025 18:08

Instrument :

BNA_P

ClientSampleId :

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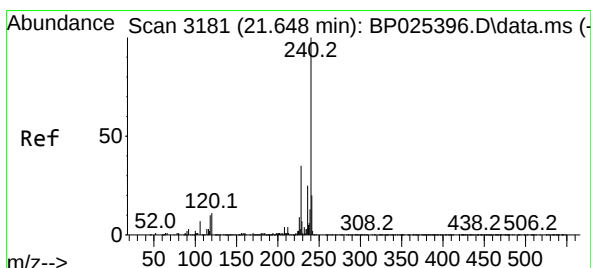
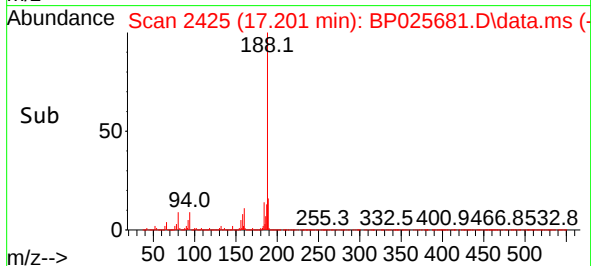
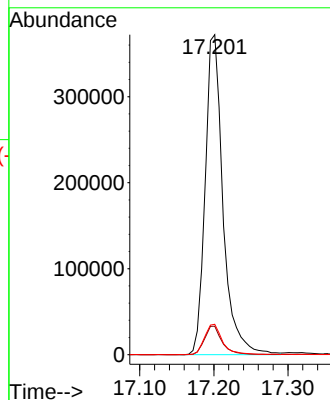
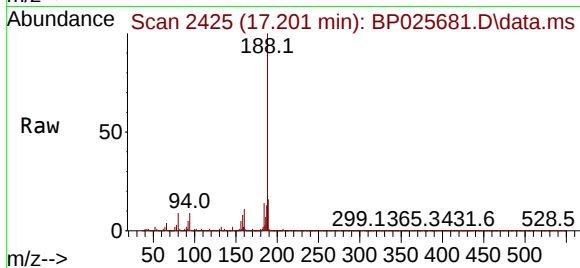
Tgt Ion:188 Resp: 622502

Ion Ratio Lower Upper

188 100

94 8.9 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: BP025681.D

Acq: 05 Sep 2025 18:08

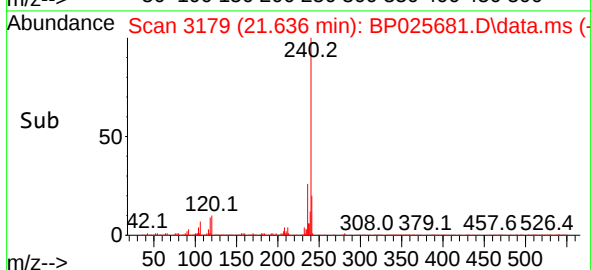
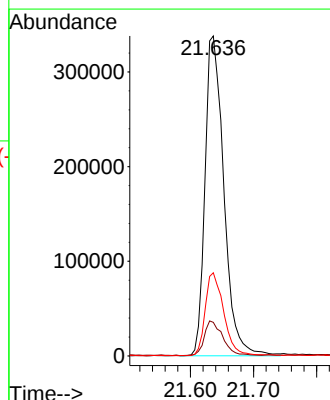
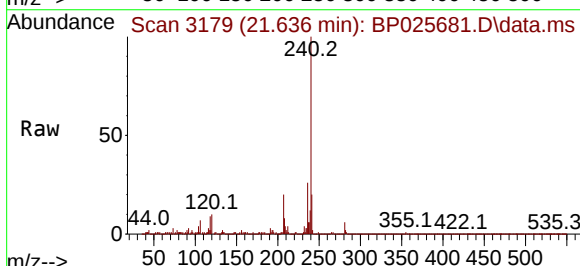
Tgt Ion:240 Resp: 700373

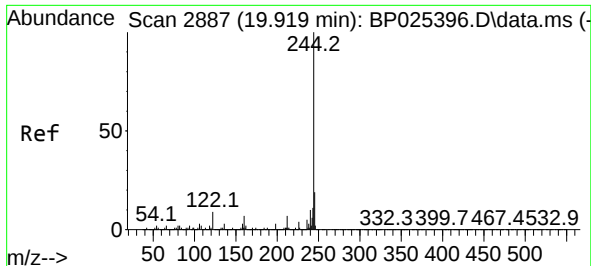
Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

236 26.0 19.8 29.8

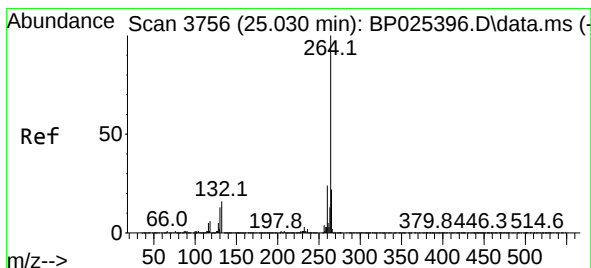
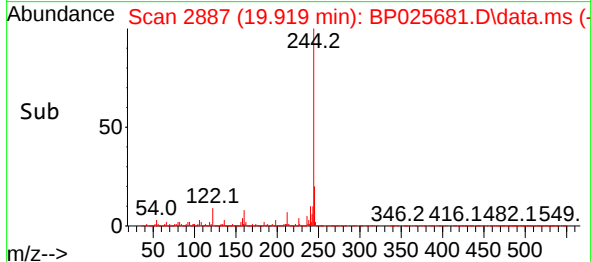
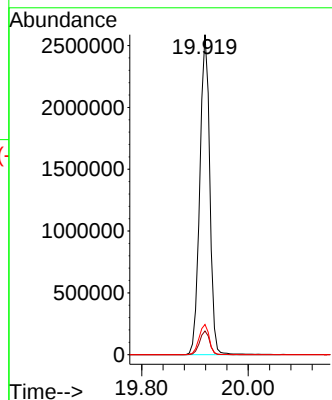
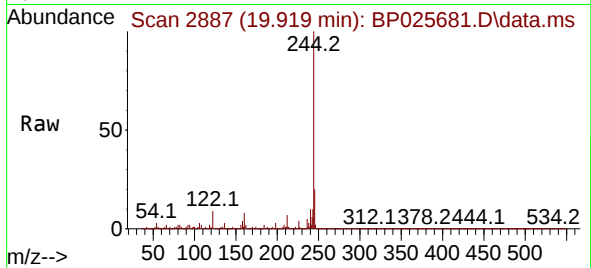




#79
 Terphenyl-d14
 Concen: 87.472 ng
 RT: 19.919 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP025681.D
 Acq: 05 Sep 2025 18:08

Instrument :
 BNA_P
 ClientSampleId :
 PB169477TB

Tgt Ion:244 Resp: 3348475
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 9.4 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.018 min Scan# 3754
 Delta R.T. -0.012 min
 Lab File: BP025681.D
 Acq: 05 Sep 2025 18:08

Tgt Ion:264 Resp: 820172
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 22.0 17.4 26.0

