

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090425\
 Data File : BP025656.D
 Acq On : 04 Sep 2025 12:02
 Operator : CG/JU
 Sample : PB169490BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169490BL

Quant Time: Sep 04 12:49:02 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	152676	20.000	ng	-0.03
21) Naphthalene-d8	10.543	136	574380	20.000	ng	-0.02
39) Acenaphthene-d10	14.395	164	366222	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	790159	20.000	ng	0.00
76) Chrysene-d12	21.648	240	904014	20.000	ng	0.00
86) Perylene-d12	25.018	264	993613	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	1326551	144.293	ng	-0.01
7) Phenol-d6	6.961	99	1618582	137.321	ng	0.00
23) Nitrobenzene-d5	8.913	82	1039294	91.530	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	783949	159.036	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	2371733	88.509	ng	-0.02
79) Terphenyl-d14	19.913	244	4352521	88.088	ng	0.00

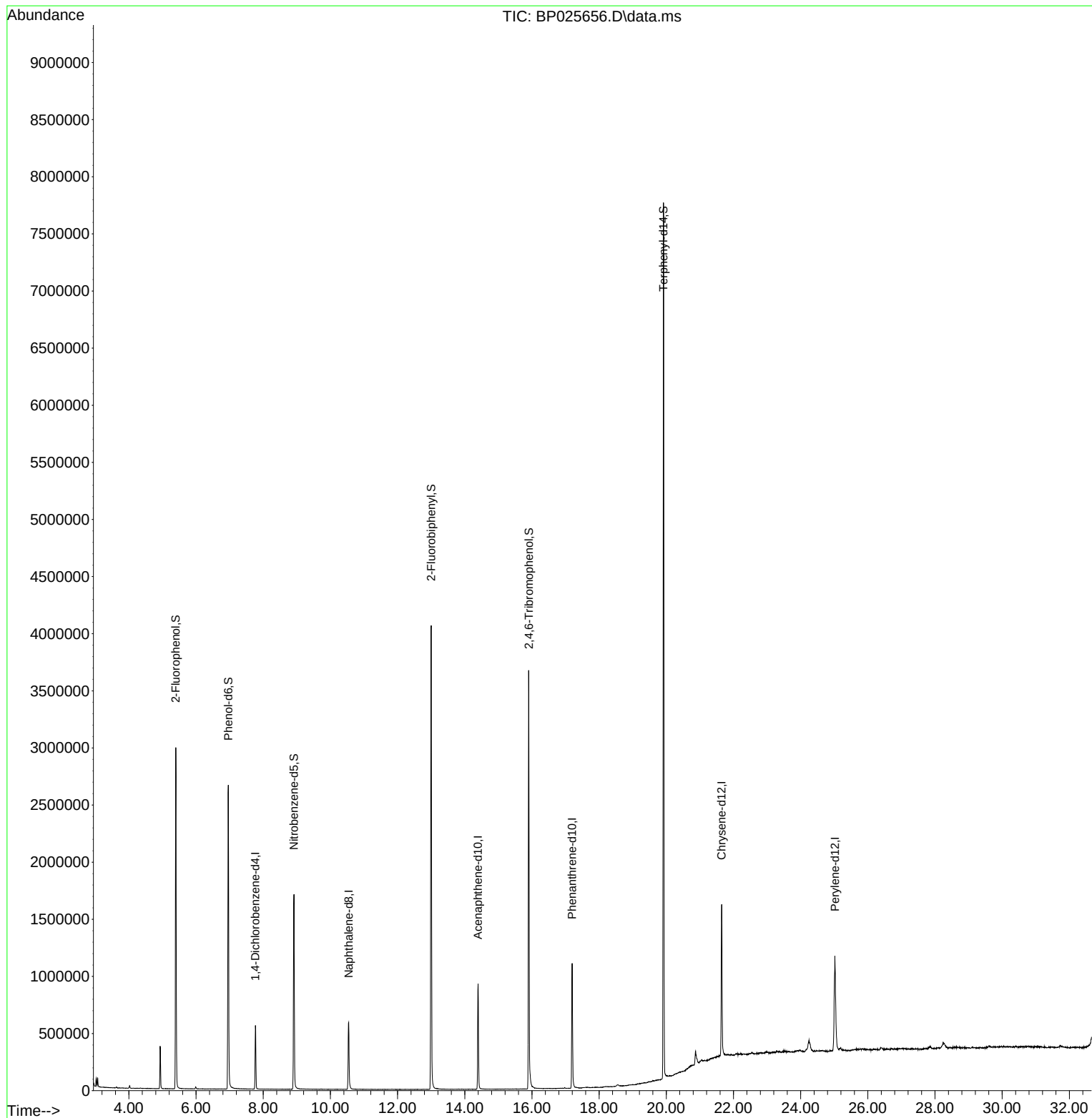
Target Compounds	Qvalue

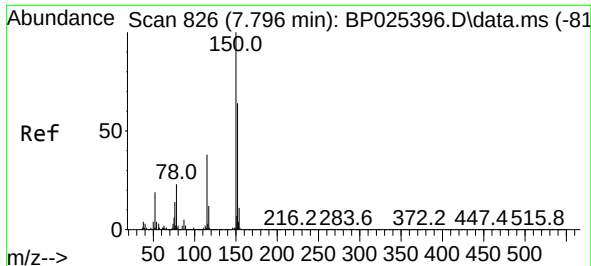
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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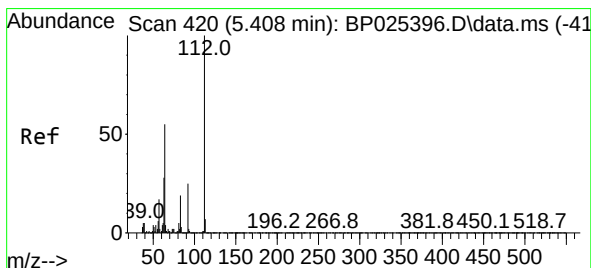
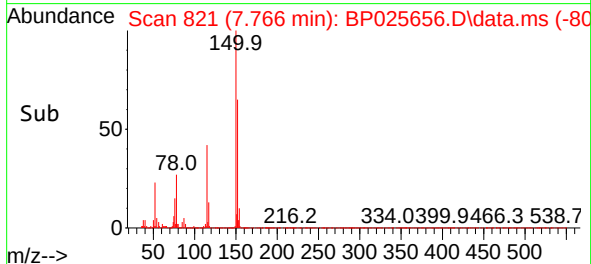
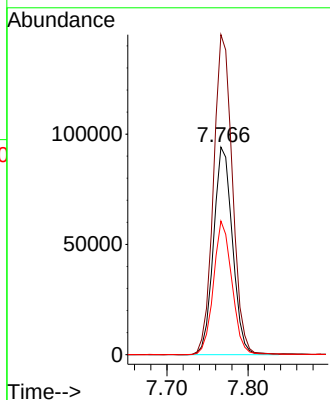
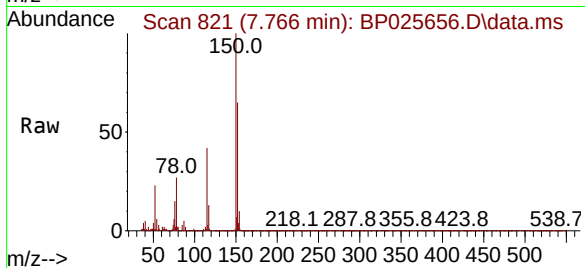




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.766 min Scan# 81
Delta R.T. -0.030 min
Lab File: BP025656.D
Acq: 04 Sep 2025 12:02

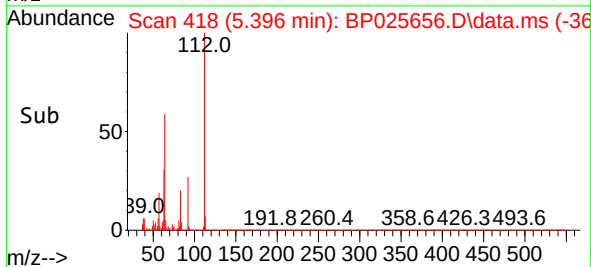
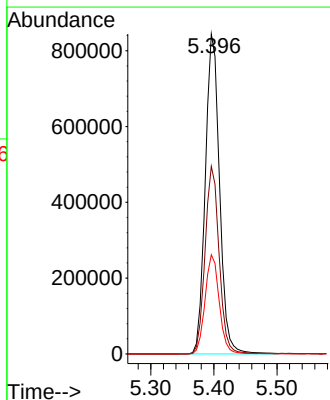
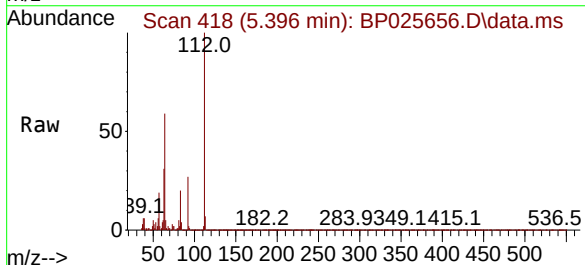
Instrument :
BNA_P
ClientSampleId :
PB169490BL

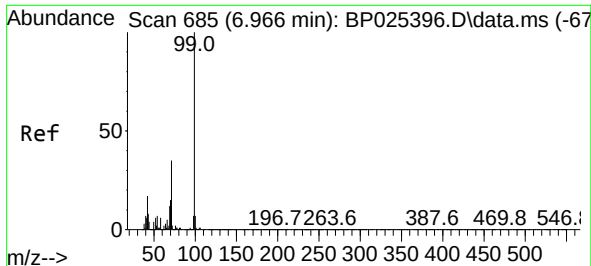
Tgt Ion:152 Resp: 152676
Ion Ratio Lower Upper
152 100
150 154.2 125.9 188.9
115 64.4 48.5 72.7



#5
2-Fluorophenol
Concen: 144.293 ng
RT: 5.396 min Scan# 418
Delta R.T. -0.012 min
Lab File: BP025656.D
Acq: 04 Sep 2025 12:02

Tgt Ion:112 Resp: 1326551
Ion Ratio Lower Upper
112 100
64 58.6 43.8 65.8
63 31.0 22.7 34.1



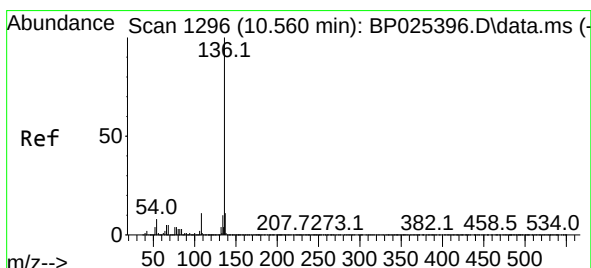
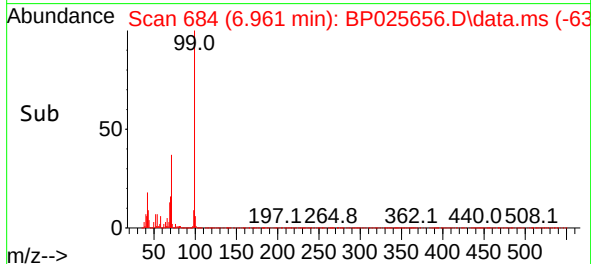
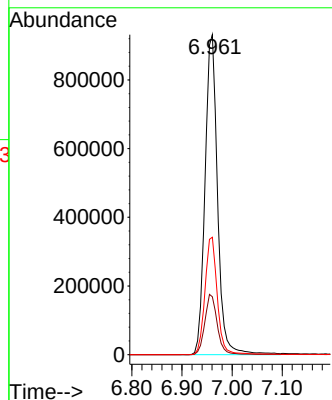
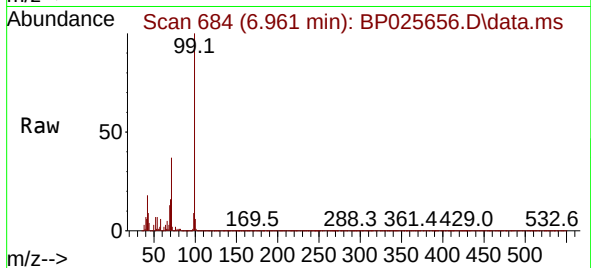


#7
Phenol-d6
Concen: 137.321 ng
RT: 6.961 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025656.D
Acq: 04 Sep 2025 12:02

Instrument :
BNA_P
ClientSampleId :
PB169490BL

Tgt Ion: 99 Resp: 1618582

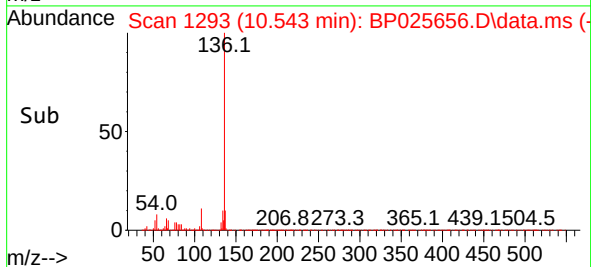
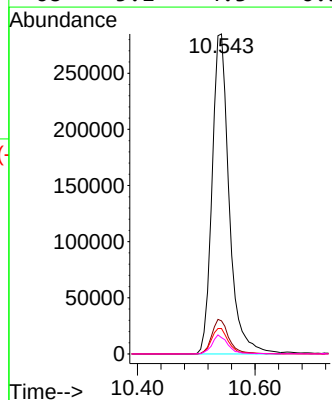
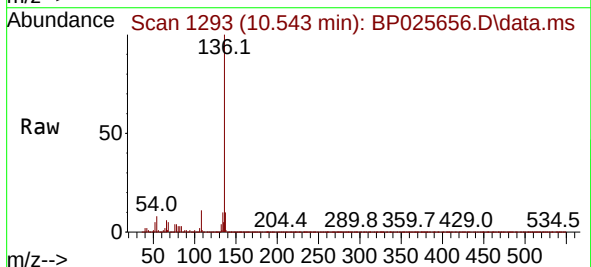
Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.7	20.5
71	36.7	28.2	42.4

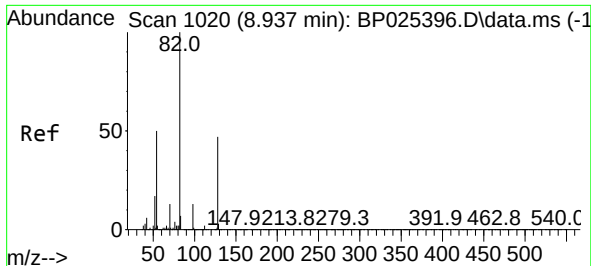


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025656.D
Acq: 04 Sep 2025 12:02

Tgt Ion: 136 Resp: 574380

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	7.9	6.0	9.0
68	5.1	4.3	6.5

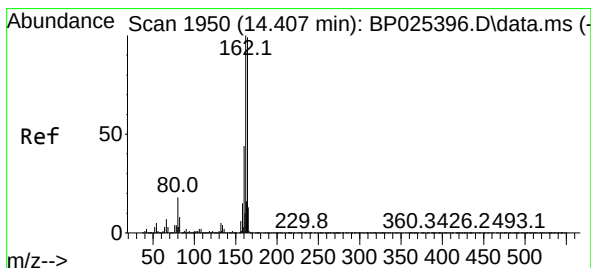
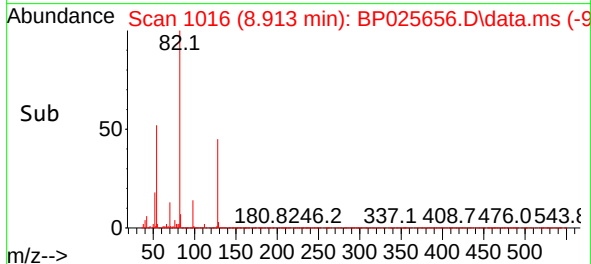
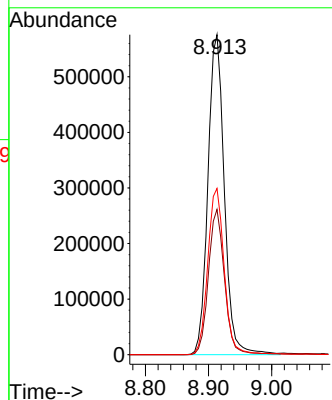
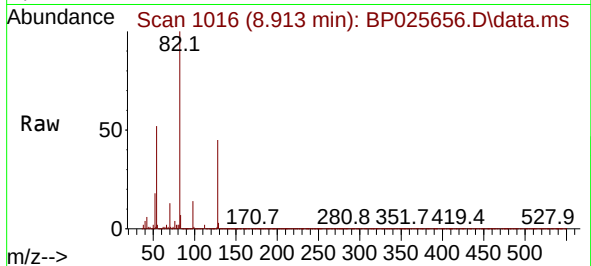




#23
Nitrobenzene-d5
Concen: 91.530 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.023 min
Lab File: BP025656.D
Acq: 04 Sep 2025 12:02

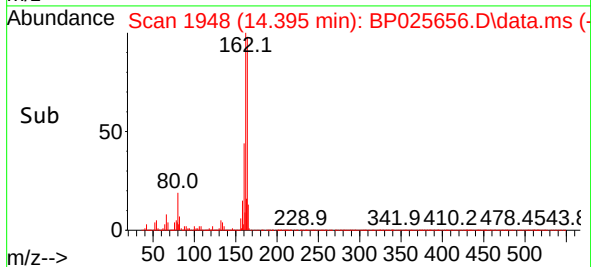
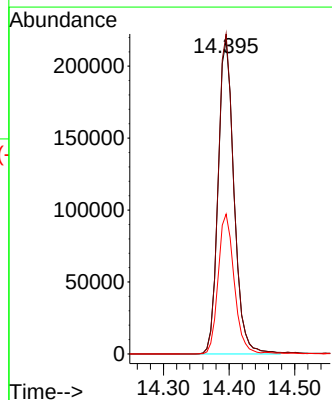
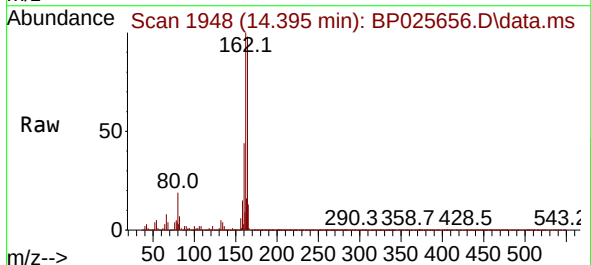
Instrument :
BNA_P
ClientSampleId :
PB169490BL

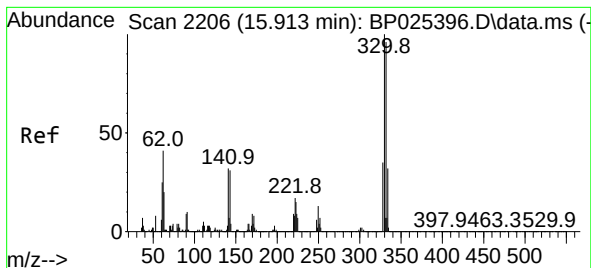
Tgt Ion: 82 Resp: 1039294
Ion Ratio Lower Upper
82 100
128 45.4 37.7 56.5
54 52.0 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025656.D
Acq: 04 Sep 2025 12:02

Tgt Ion:164 Resp: 366222
Ion Ratio Lower Upper
164 100
162 102.1 81.0 121.6
160 44.6 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 159.036 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025656.D

Acq: 04 Sep 2025 12:02

Instrument :

BNA_P

ClientSampleId :

PB169490BL

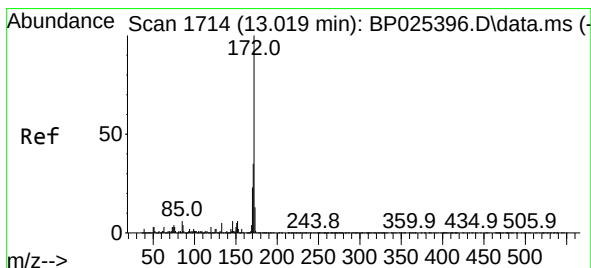
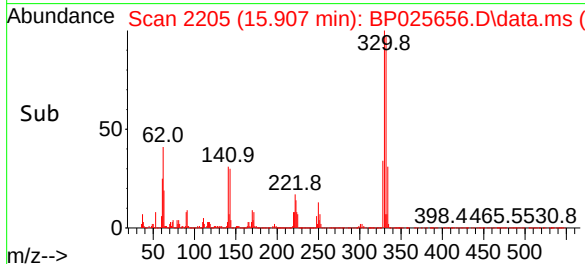
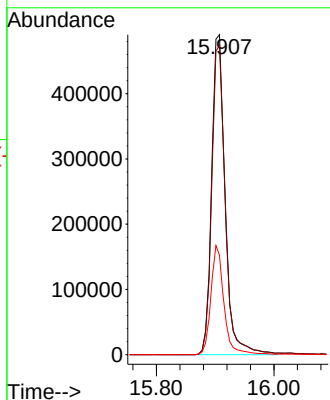
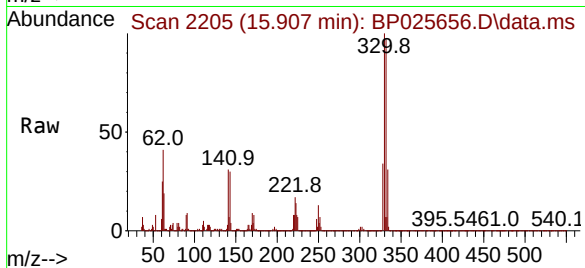
Tgt Ion:330 Resp: 783949

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

141 32.9 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 88.509 ng

RT: 13.001 min Scan# 1711

Delta R.T. -0.017 min

Lab File: BP025656.D

Acq: 04 Sep 2025 12:02

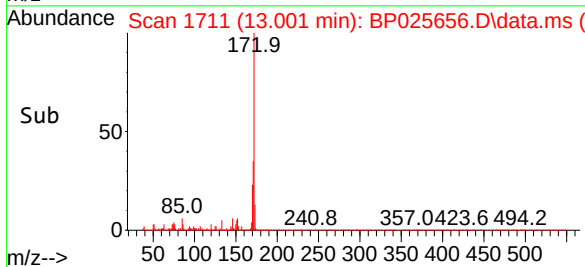
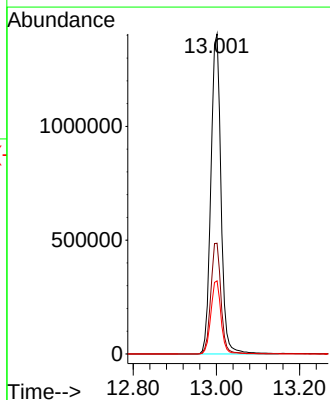
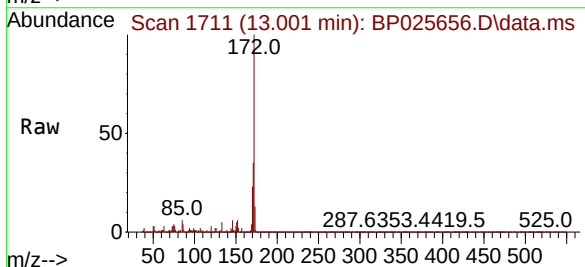
Tgt Ion:172 Resp: 2371733

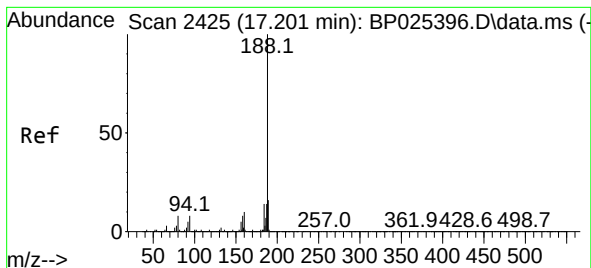
Ion Ratio Lower Upper

172 100

171 34.6 28.1 42.1

170 22.8 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.195 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BP025656.D

Acq: 04 Sep 2025 12:02

Instrument :

BNA_P

ClientSampleId :

PB169490BL

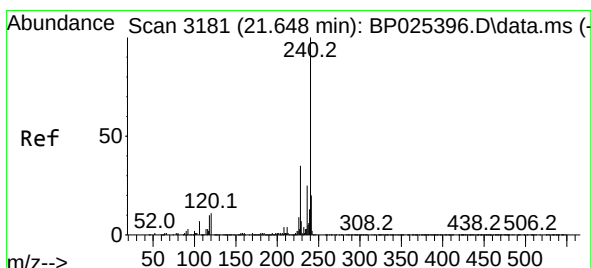
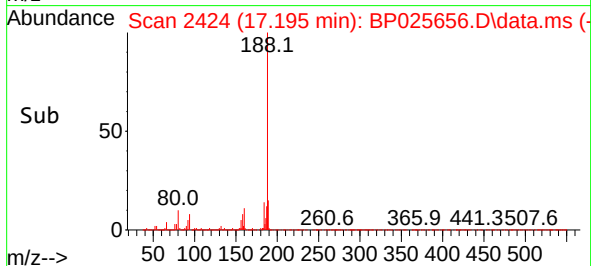
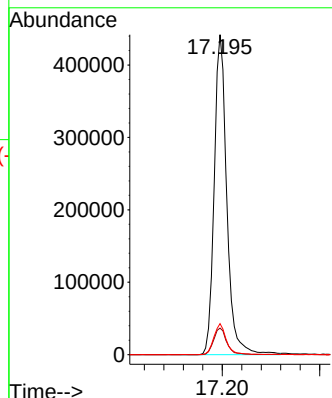
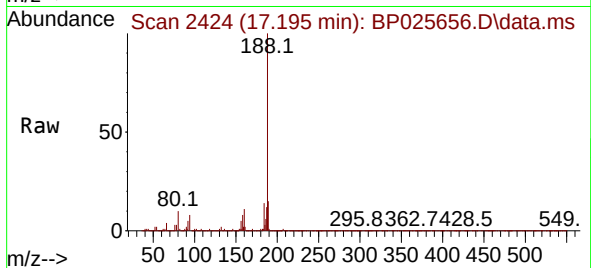
Tgt Ion:188 Resp: 790159

Ion Ratio Lower Upper

188 100

94 8.3 6.6 10.0

80 9.7 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.648 min Scan# 3181

Delta R.T. 0.000 min

Lab File: BP025656.D

Acq: 04 Sep 2025 12:02

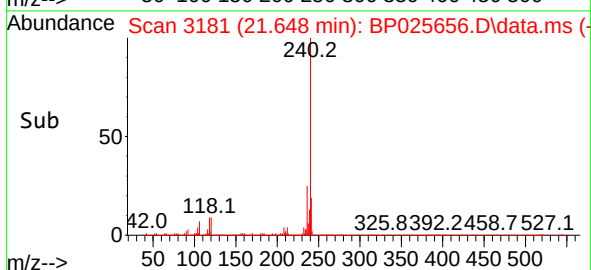
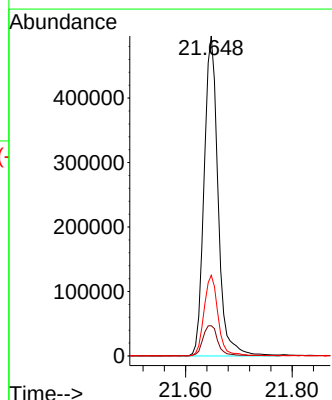
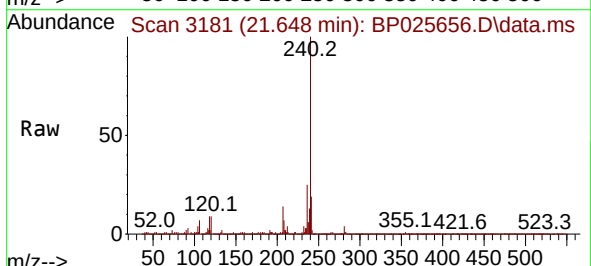
Tgt Ion:240 Resp: 904014

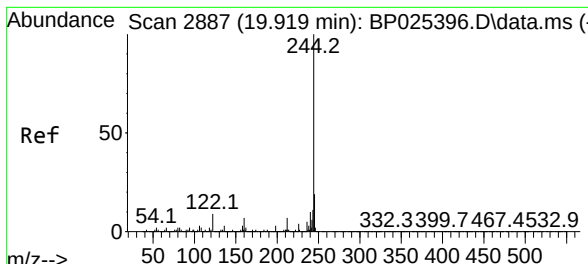
Ion Ratio Lower Upper

240 100

120 9.4 8.9 13.3

236 25.2 19.8 29.8





#79

Terphenyl-d14

Concen: 88.088 ng

RT: 19.913 min Scan# 2

Delta R.T. -0.006 min

Lab File: BP025656.D

Acq: 04 Sep 2025 12:02

Instrument :

BNA_P

ClientSampleId :

PB169490BL

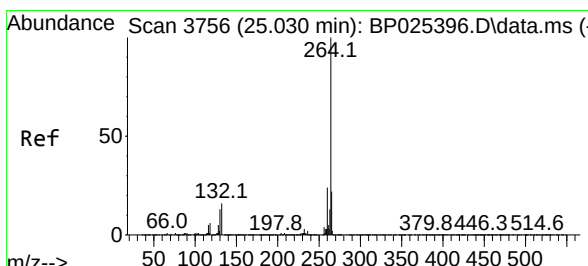
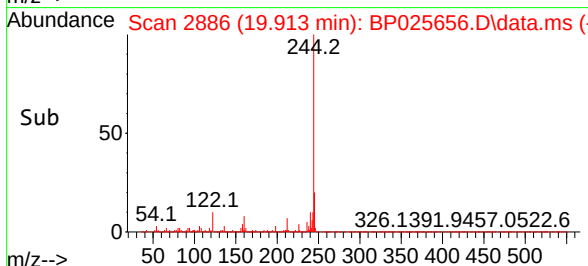
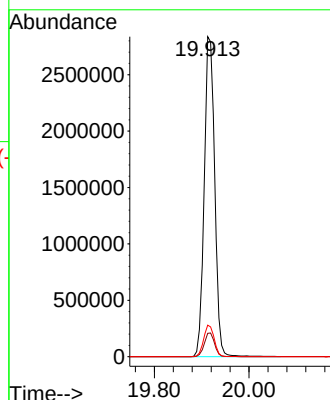
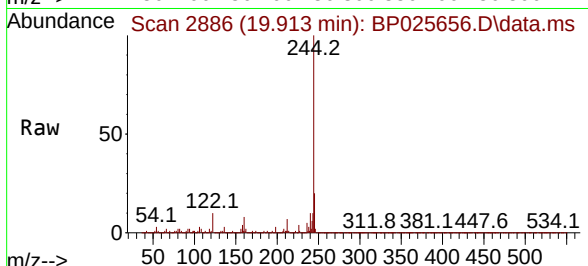
Tgt Ion:244 Resp: 4352521

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 9.8 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: BP025656.D

Acq: 04 Sep 2025 12:02

Tgt Ion:264 Resp: 993613

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 22.8 17.4 26.0

