

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
 Data File : BP025501.D
 Acq On : 20 Aug 2025 09:19
 Operator : CG/JU
 Sample : Q2820-13
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 10P-W

Quant Time: Aug 20 11:49:29 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	7.784	152	145357	20.000	ng	-0.01
21) Naphthalene-d8	10.554	136	568025	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	384903	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	795577	20.000	ng	0.00
76) Chrysene-d12	21.648	240	860315	20.000	ng	0.00
86) Perylene-d12	25.012	264	920578	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	794638	90.787	ng	0.00
7) Phenol-d6	6.966	99	1034035	92.145	ng	0.00
23) Nitrobenzene-d5	8.925	82	660777	58.846	ng	-0.01
42) 2,4,6-Tribromophenol	15.907	330	501054	96.713	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	1564138	55.538	ng	0.00
79) Terphenyl-d14	19.924	244	2591032	55.102	ng	0.00

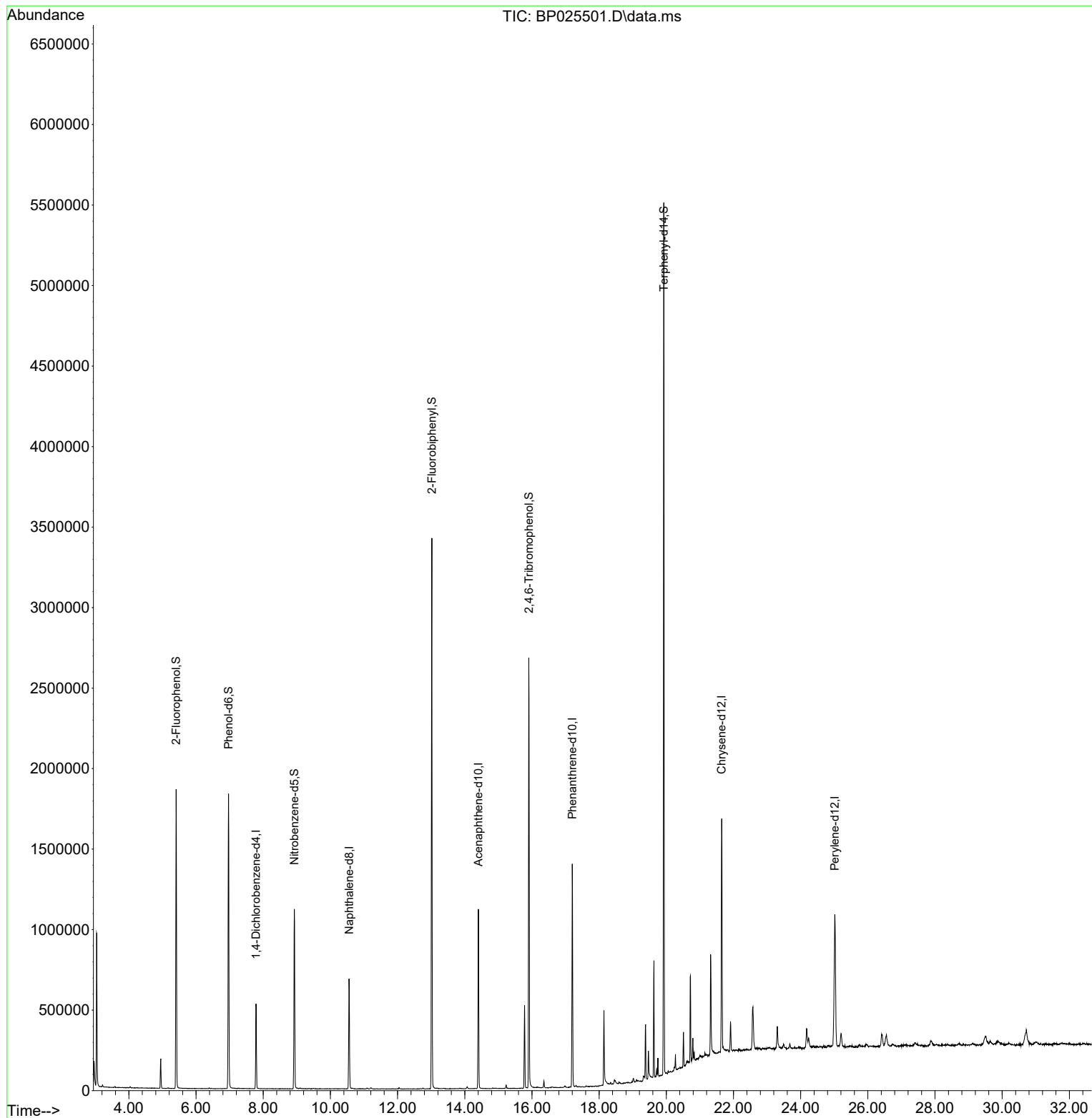
Target Compounds	Qvalue

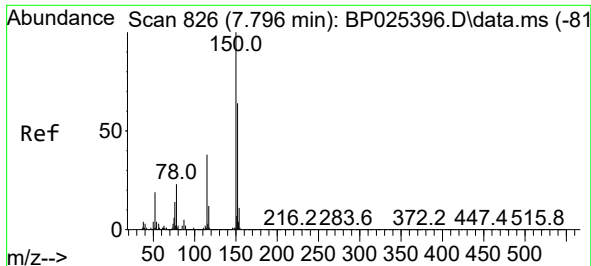
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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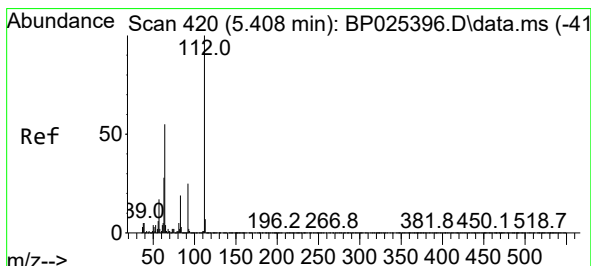
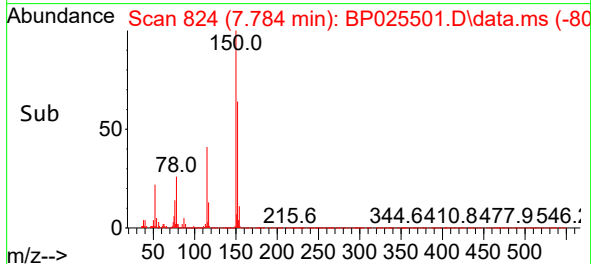
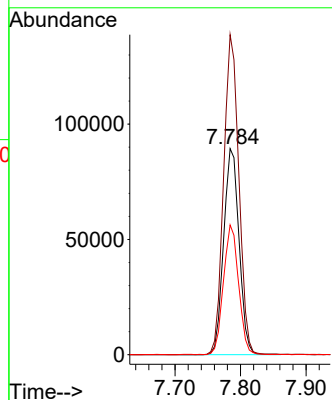
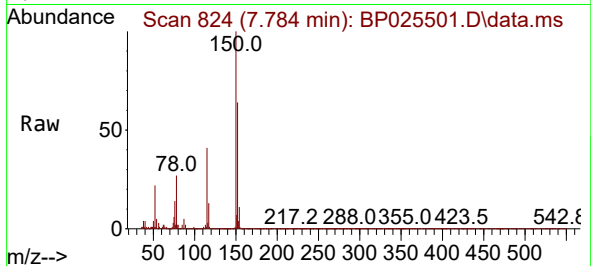




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025501.D
Acq: 20 Aug 2025 09:19

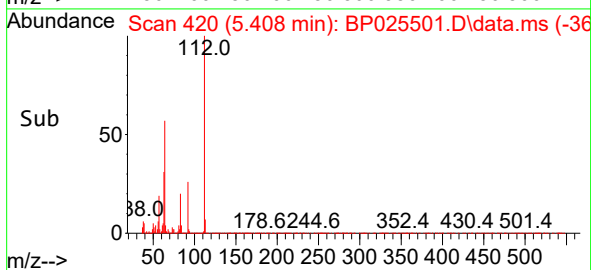
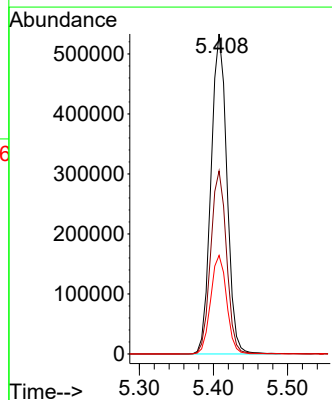
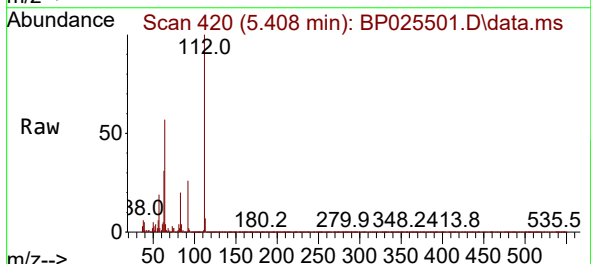
Instrument :
BNA_P
ClientSampleId :
10P-W

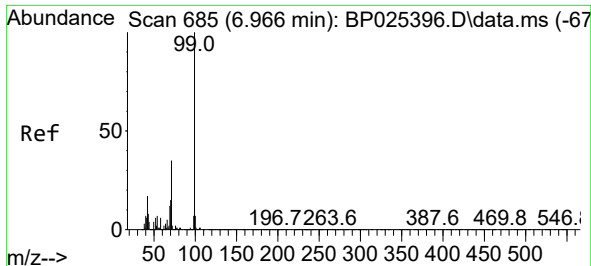
Tgt Ion:152 Resp: 145357
Ion Ratio Lower Upper
152 100
150 155.2 125.9 188.9
115 63.0 48.5 72.7



#5
2-Fluorophenol
Concen: 90.787 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025501.D
Acq: 20 Aug 2025 09:19

Tgt Ion:112 Resp: 794638
Ion Ratio Lower Upper
112 100
64 57.2 43.8 65.8
63 30.8 22.7 34.1

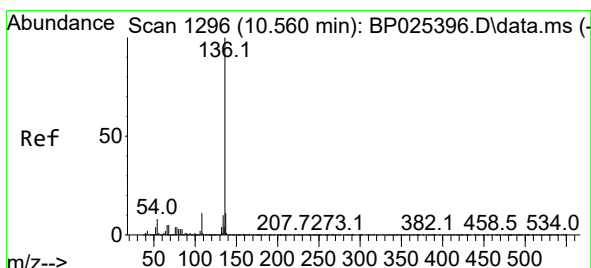
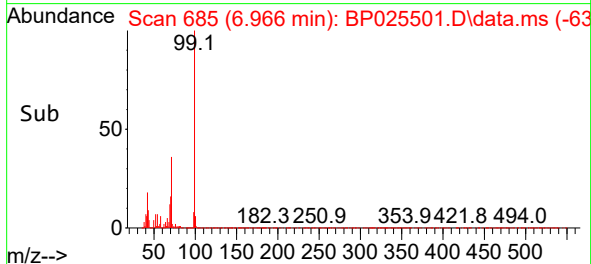
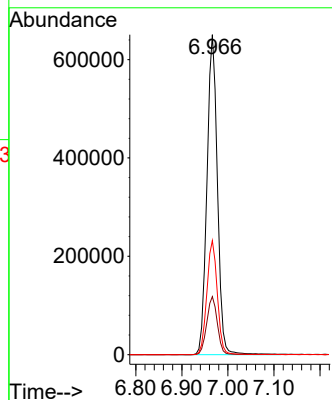
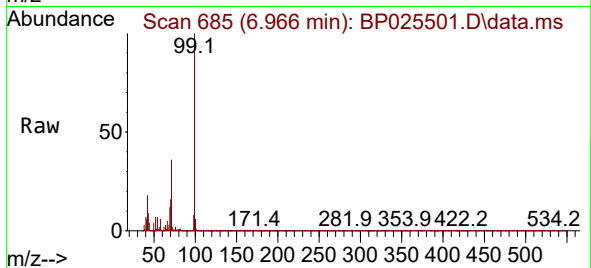




#7
Phenol-d6
Concen: 92.145 ng
RT: 6.966 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025501.D
Acq: 20 Aug 2025 09:19

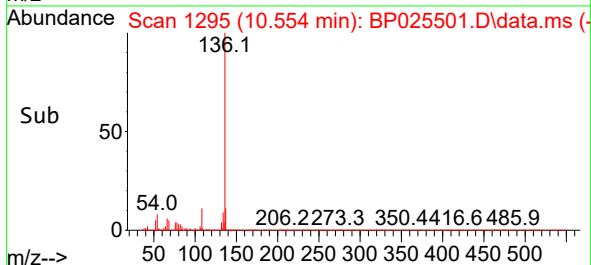
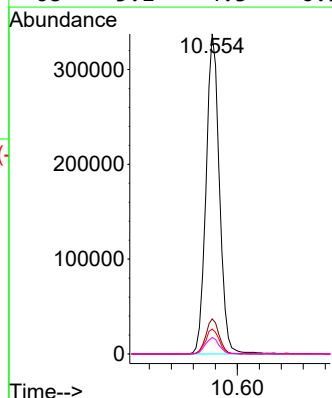
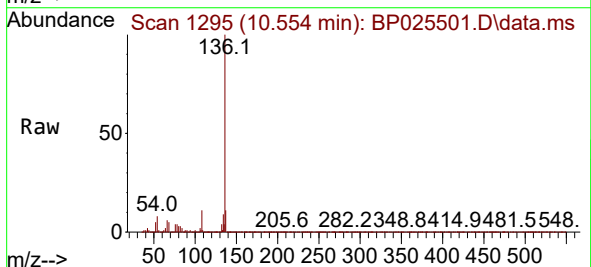
Instrument :
BNA_P
ClientSampleId :
10P-W

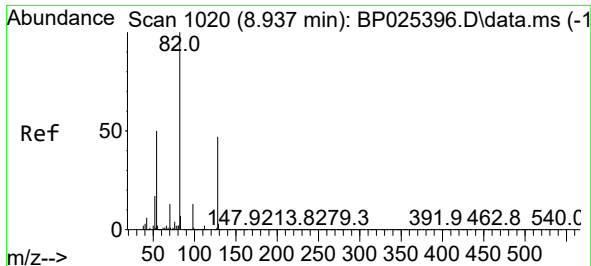
Tgt Ion: 99 Resp: 1034035
Ion Ratio Lower Upper
99 100
42 18.2 13.7 20.5
71 35.7 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025501.D
Acq: 20 Aug 2025 09:19

Tgt Ion:136 Resp: 568025
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 7.8 6.0 9.0
68 5.1 4.3 6.5





#23

Nitrobenzene-d5

Concen: 58.846 ng

RT: 8.925 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BP025501.D

Acq: 20 Aug 2025 09:19

Instrument :

BNA_P

ClientSampleId :

10P-W

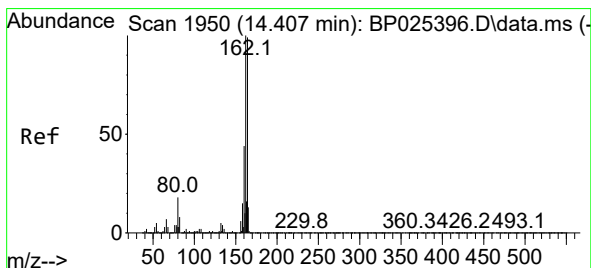
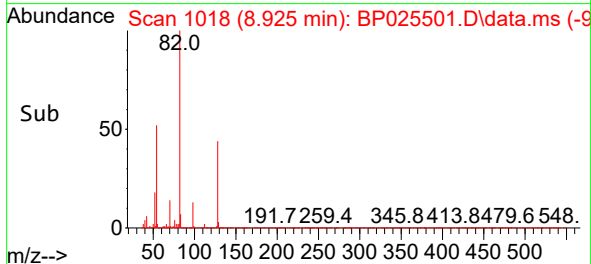
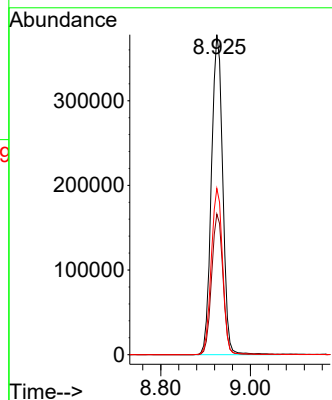
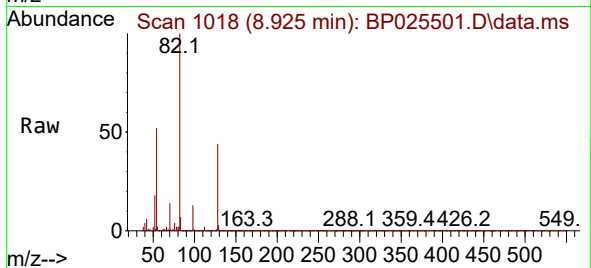
Tgt Ion: 82 Resp: 660777

Ion Ratio Lower Upper

82 100

128 43.9 37.7 56.5

54 51.9 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.407 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BP025501.D

Acq: 20 Aug 2025 09:19

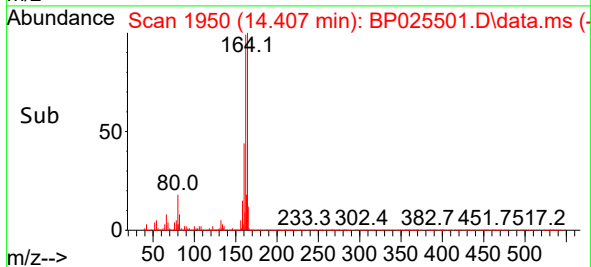
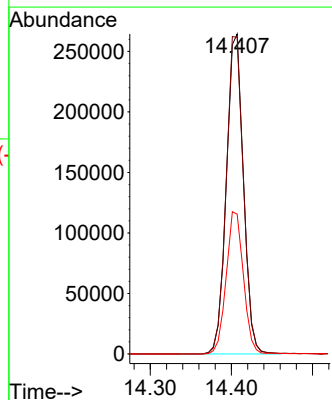
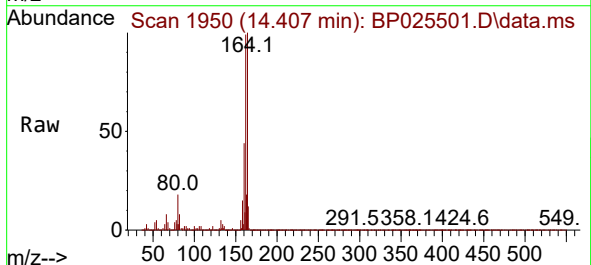
Tgt Ion:164 Resp: 384903

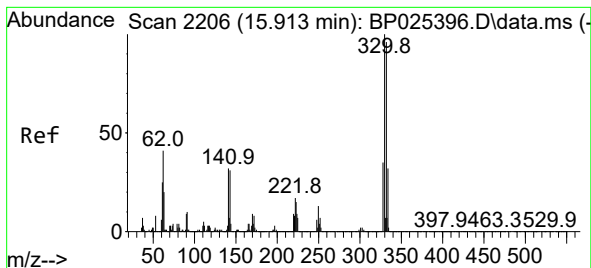
Ion Ratio Lower Upper

164 100

162 98.9 81.0 121.6

160 43.7 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 96.713 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025501.D

Acq: 20 Aug 2025 09:19

Instrument :

BNA_P

ClientSampleId :

10P-W

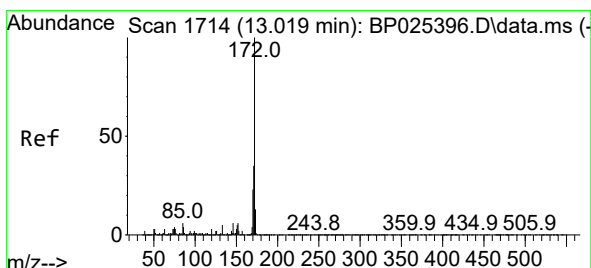
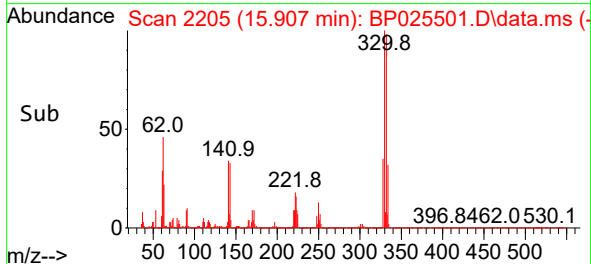
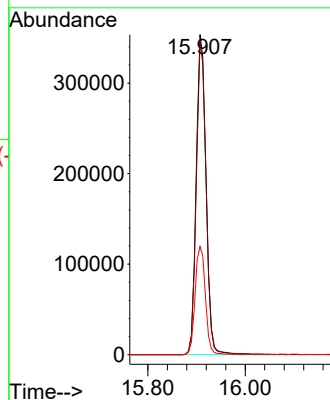
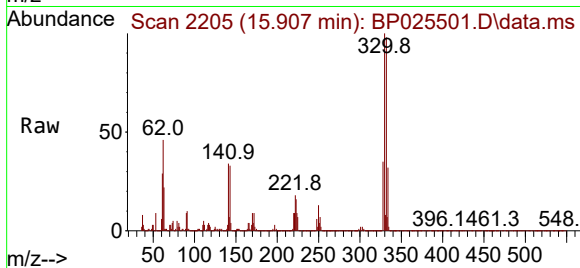
Tgt Ion:330 Resp: 501054

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

141 35.4 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 55.538 ng

RT: 13.019 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BP025501.D

Acq: 20 Aug 2025 09:19

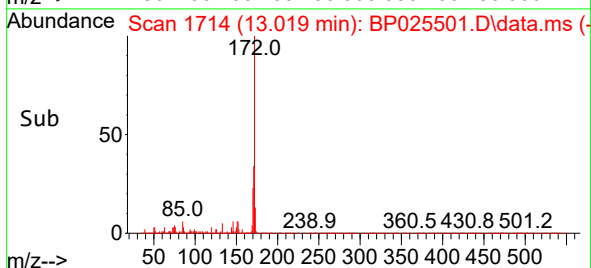
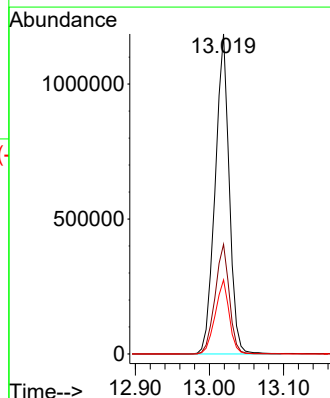
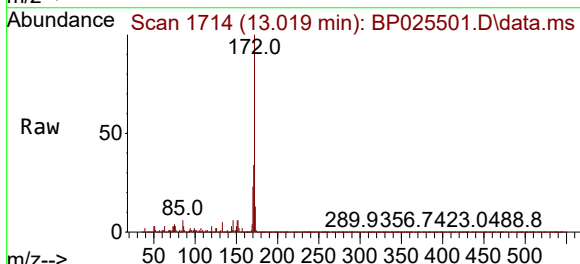
Tgt Ion:172 Resp: 1564138

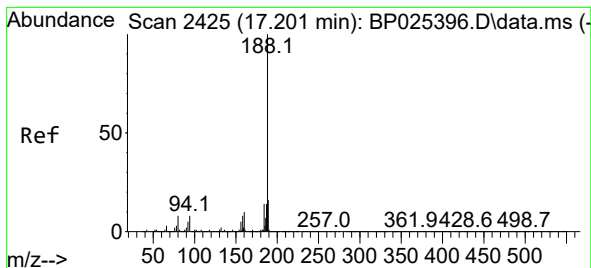
Ion Ratio Lower Upper

172 100

171 34.3 28.1 42.1

170 23.1 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: BP025501.D

Acq: 20 Aug 2025 09:19

Instrument :

BNA_P

ClientSampleId :

10P-W

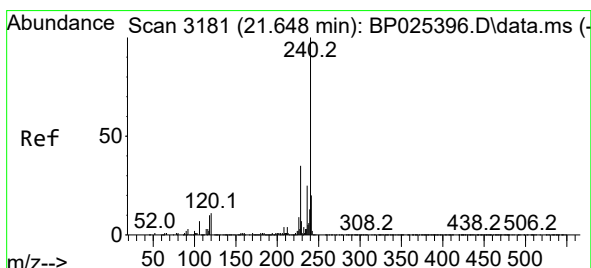
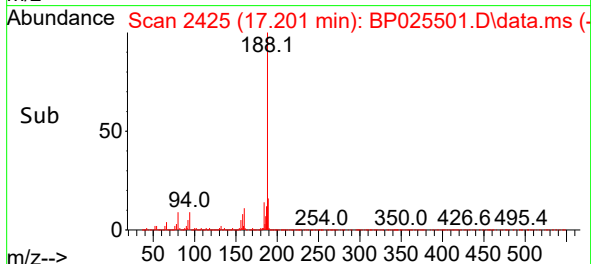
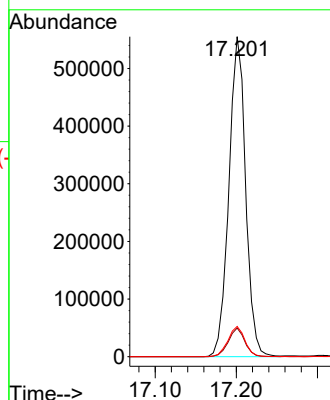
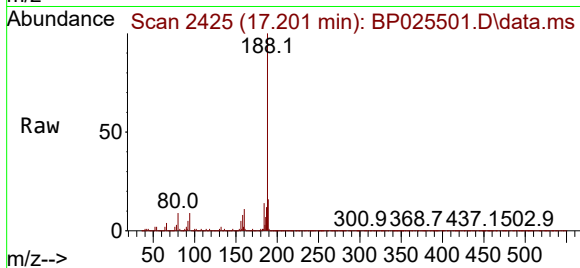
Tgt Ion:188 Resp: 795577

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: 21.648 min Scan# 3181

Delta R.T. 0.000 min

Lab File: BP025501.D

Acq: 20 Aug 2025 09:19

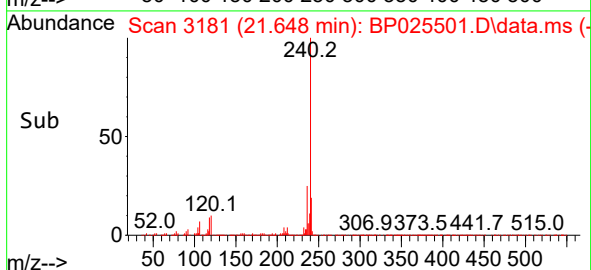
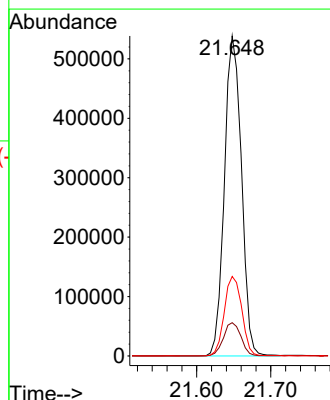
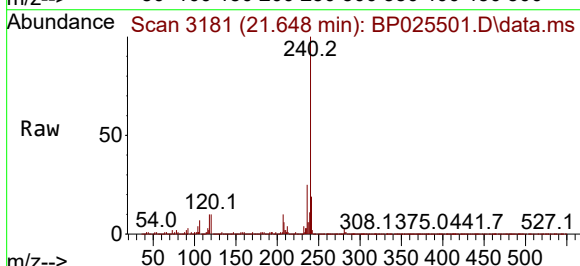
Tgt Ion:240 Resp: 860315

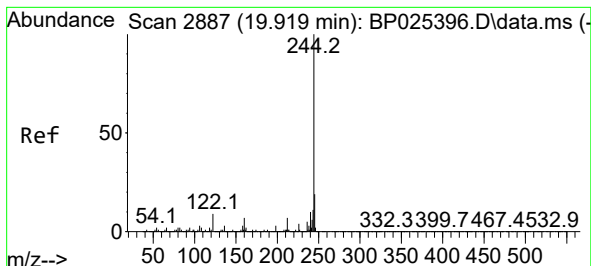
Ion Ratio Lower Upper

240 100

120 10.4 8.9 13.3

236 24.9 19.8 29.8





#79

Terphenyl-d14

Concen: 55.102 ng

RT: 19.924 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025501.D

Acq: 20 Aug 2025 09:19

Instrument :

BNA_P

ClientSampleId :

10P-W

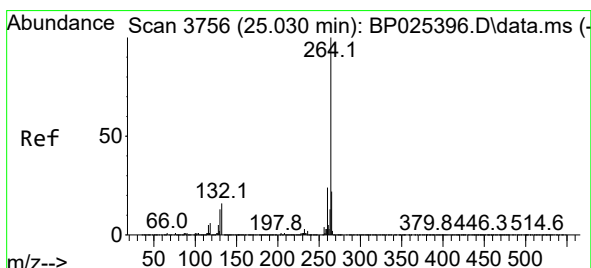
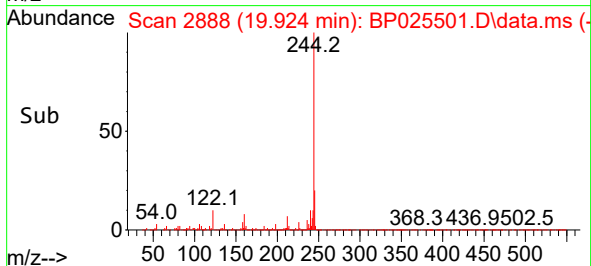
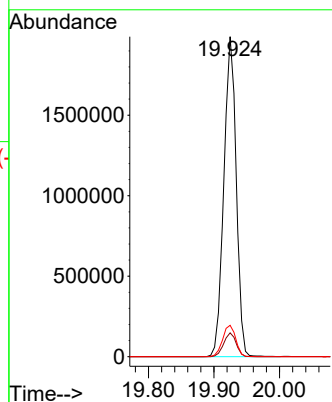
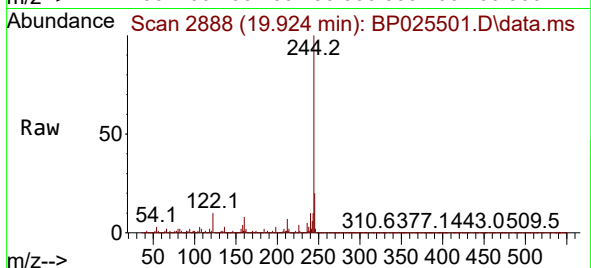
Tgt Ion:244 Resp: 2591032

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 9.8 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.012 min Scan# 3753

Delta R.T. -0.018 min

Lab File: BP025501.D

Acq: 20 Aug 2025 09:19

Tgt Ion:264 Resp: 920578

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 21.6 17.4 26.0

