

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025446.D
Acq On : 16 Aug 2025 05:22
Operator : CG/JU
Sample : Q2838-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-11

Quant Time: Aug 18 01:41:05 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	149250	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	580807	20.000	ng	0.00
39) Acenaphthene-d10	14.396	164	394490	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	851148	20.000	ng	0.00
76) Chrysene-d12	21.636	240	893413	20.000	ng	-0.01
86) Perylene-d12	24.995	264	987398	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	988316	109.970	ng	0.00
7) Phenol-d6	6.966	99	1202291	104.344	ng	0.00
23) Nitrobenzene-d5	8.931	82	871943	75.942	ng	0.00
42) 2,4,6-Tribromophenol	15.907	330	650149	122.442	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	1986422	68.818	ng	0.00
79) Terphenyl-d14	19.907	244	3597859	73.679	ng	-0.01

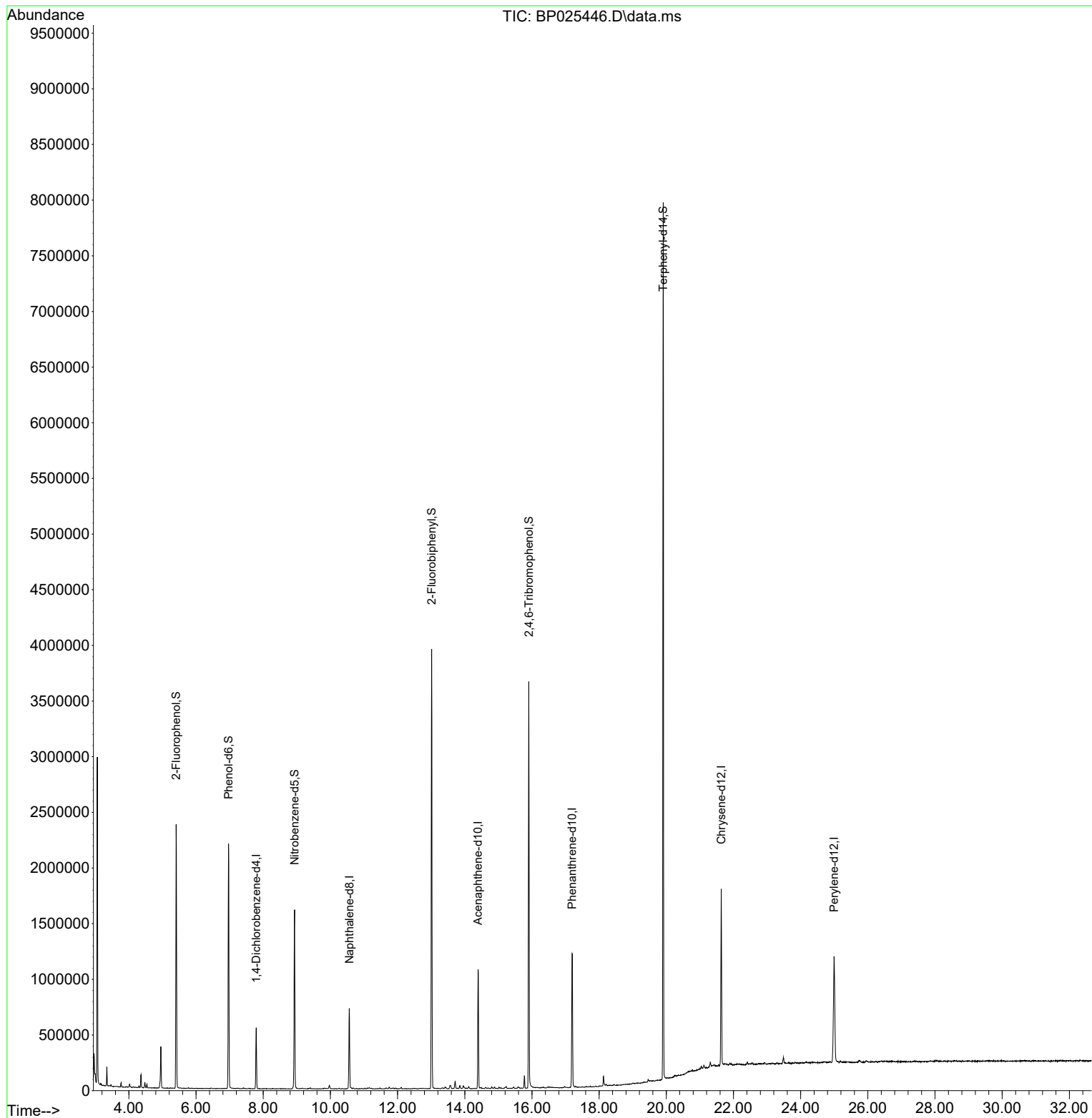
Target Compounds	Qvalue

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

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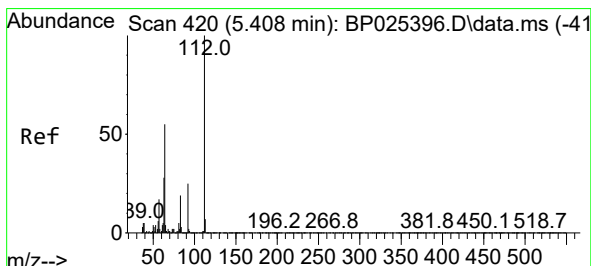
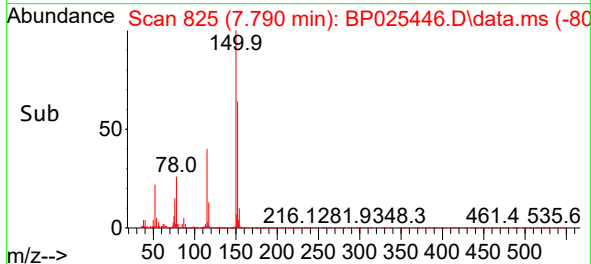
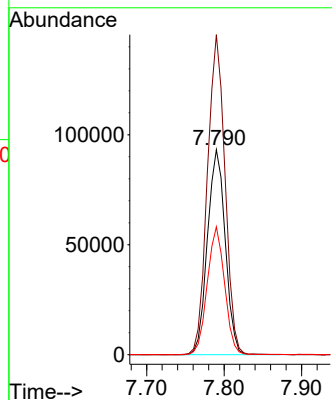
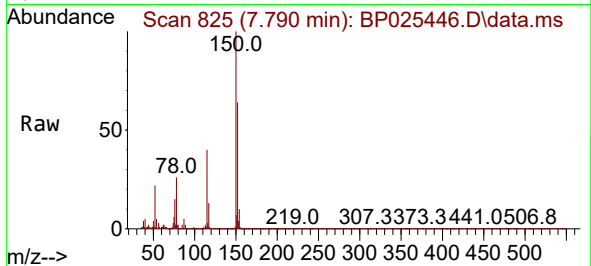




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025446.D
Acq: 16 Aug 2025 05:22

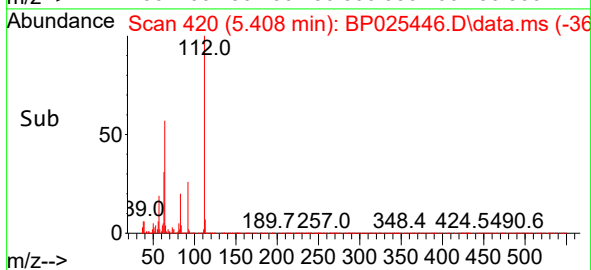
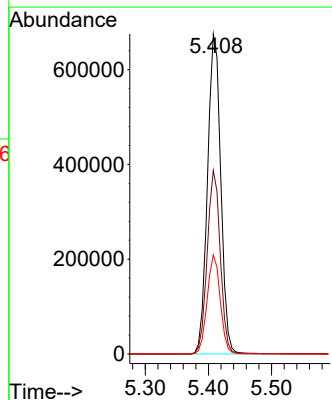
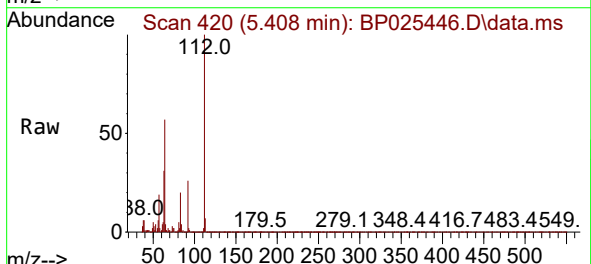
Instrument :
BNA_P
ClientSampleId :
TP-11

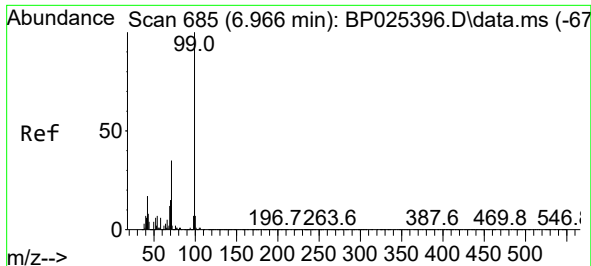
Tgt Ion:152 Resp: 149250
Ion Ratio Lower Upper
152 100
150 156.1 125.9 188.9
115 62.4 48.5 72.7



#5
2-Fluorophenol
Concen: 109.970 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025446.D
Acq: 16 Aug 2025 05:22

Tgt Ion:112 Resp: 988316
Ion Ratio Lower Upper
112 100
64 57.4 43.8 65.8
63 30.9 22.7 34.1



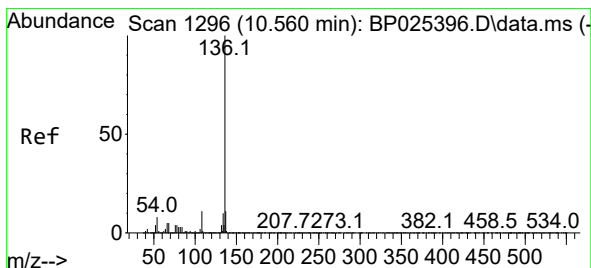
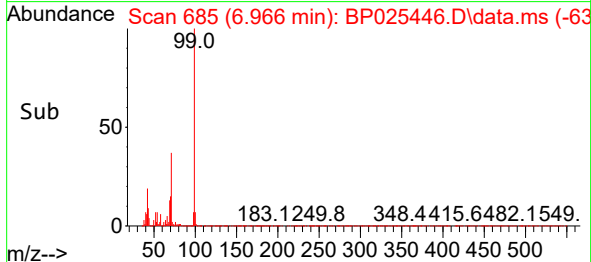
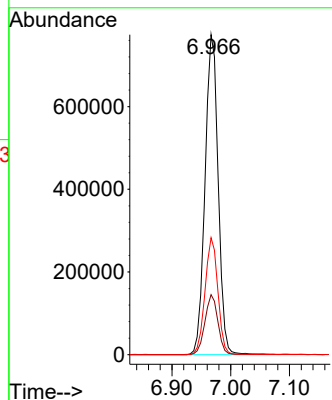
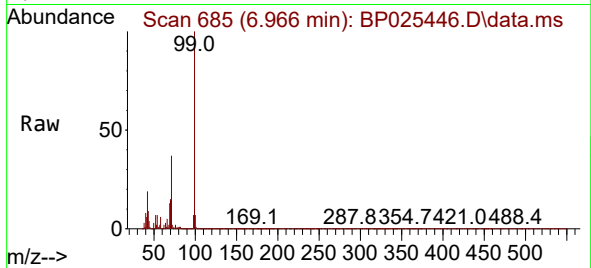


#7
Phenol-d6
Concen: 104.344 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025446.D
Acq: 16 Aug 2025 05:22

Instrument :
BNA_P
ClientSampleId :
TP-11

Tgt Ion: 99 Resp: 1202291

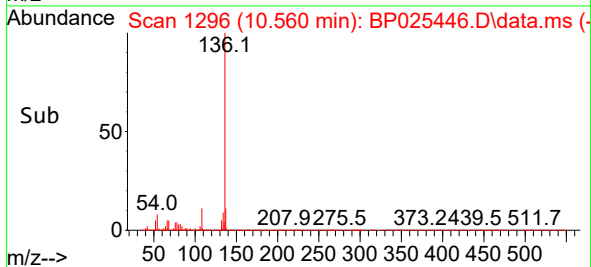
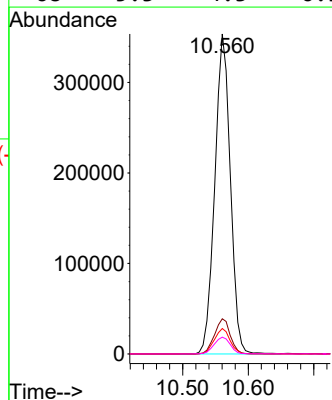
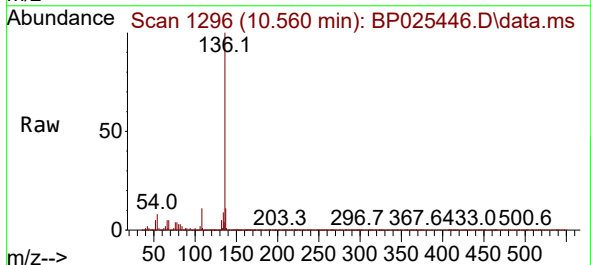
Ion	Ratio	Lower	Upper
99	100		
42	18.7	13.7	20.5
71	36.6	28.2	42.4

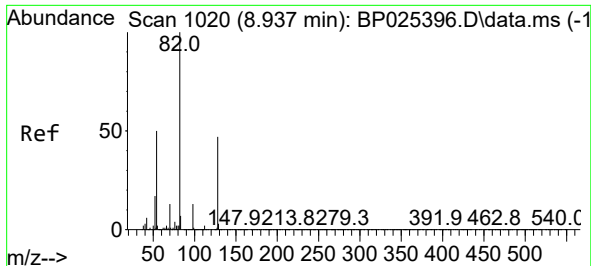


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025446.D
Acq: 16 Aug 2025 05:22

Tgt Ion: 136 Resp: 580807

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	8.0	6.0	9.0
68	5.3	4.3	6.5





#23

Nitrobenzene-d5

Concen: 75.942 ng

RT: 8.931 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP025446.D

Acq: 16 Aug 2025 05:22

Instrument :

BNA_P

ClientSampleId :

TP-11

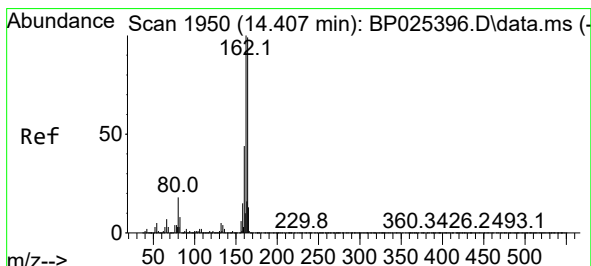
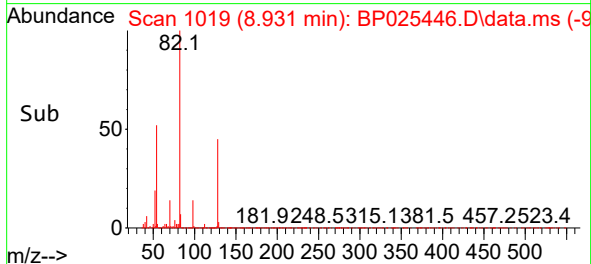
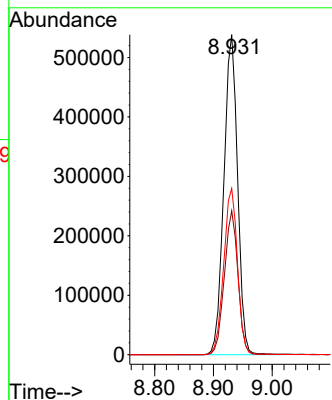
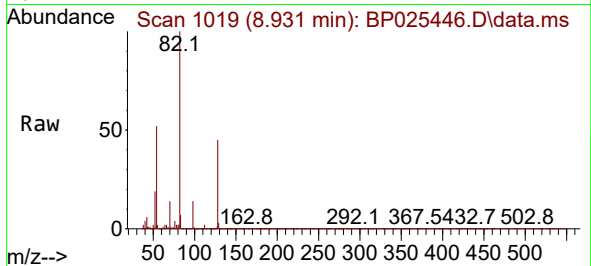
Tgt Ion: 82 Resp: 871943

Ion Ratio Lower Upper

82 100

128 44.9 37.7 56.5

54 52.0 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.396 min Scan# 1948

Delta R.T. -0.012 min

Lab File: BP025446.D

Acq: 16 Aug 2025 05:22

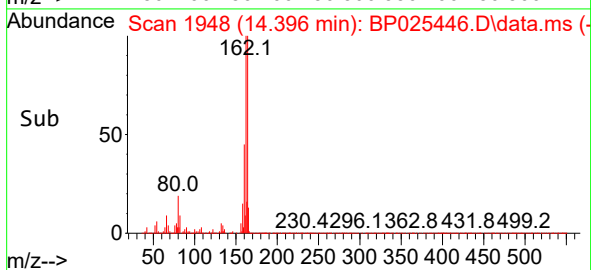
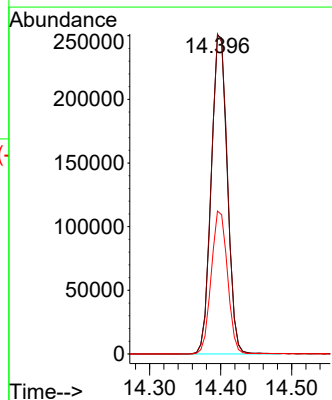
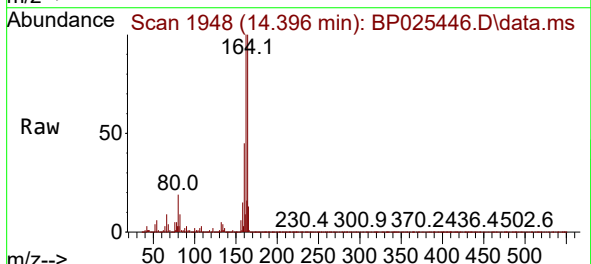
Tgt Ion: 164 Resp: 394490

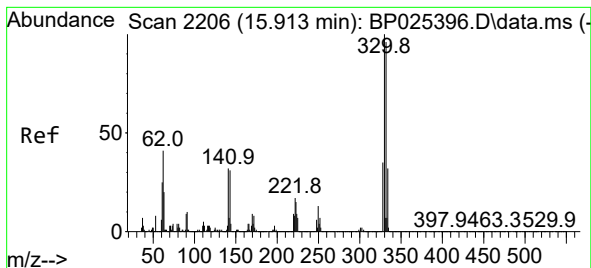
Ion Ratio Lower Upper

164 100

162 100.4 81.0 121.6

160 44.8 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 122.442 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025446.D

Acq: 16 Aug 2025 05:22

Instrument :

BNA_P

ClientSampleId :

TP-11

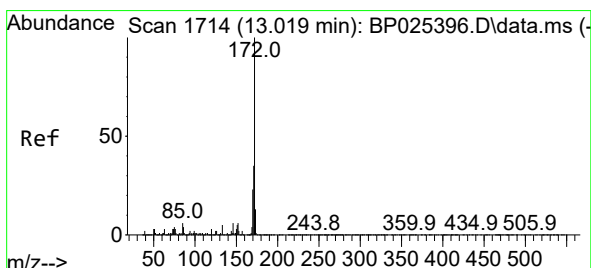
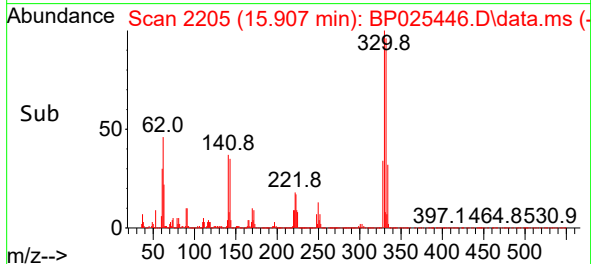
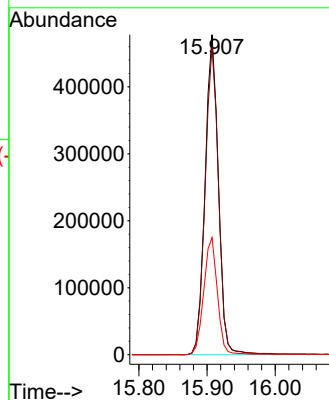
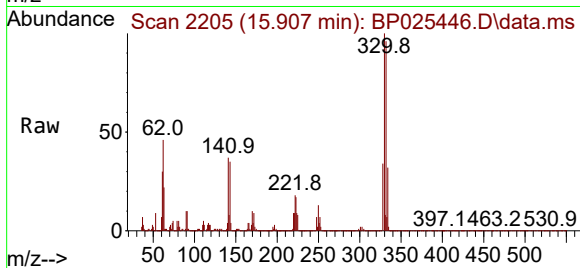
Tgt Ion:330 Resp: 650149

Ion Ratio Lower Upper

330 100

332 97.3 77.3 115.9

141 37.6 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 68.818 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025446.D

Acq: 16 Aug 2025 05:22

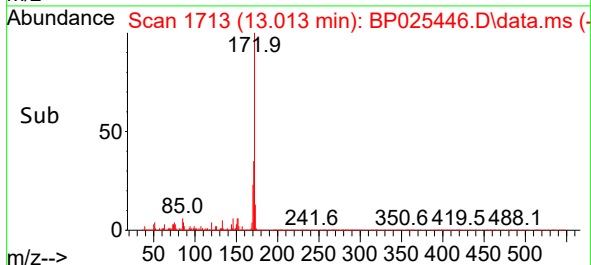
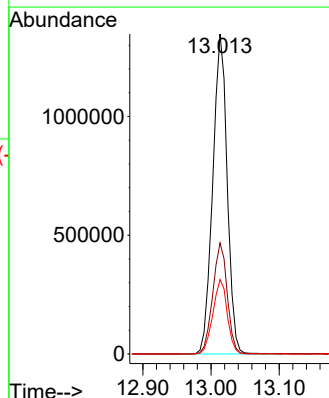
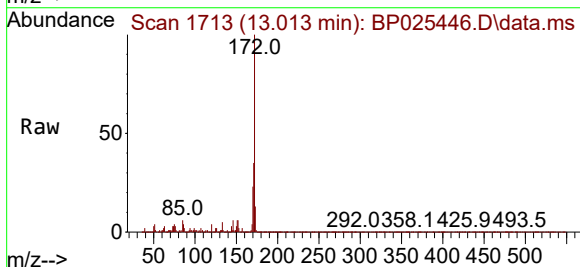
Tgt Ion:172 Resp: 1986422

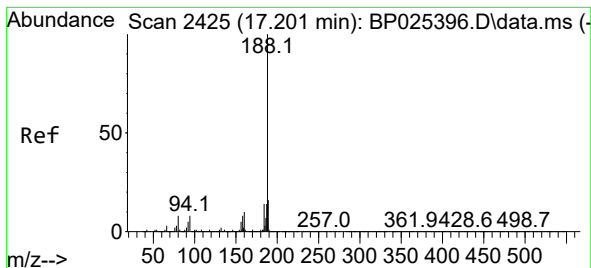
Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 23.2 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: BP025446.D

Acq: 16 Aug 2025 05:22

Instrument :

BNA_P

ClientSampleId :

TP-11

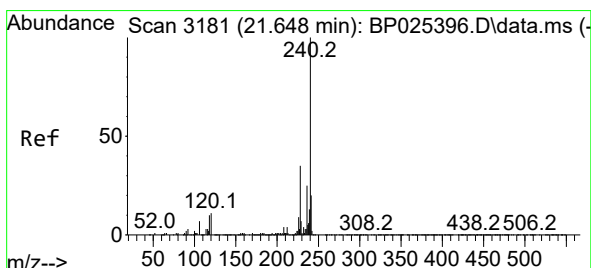
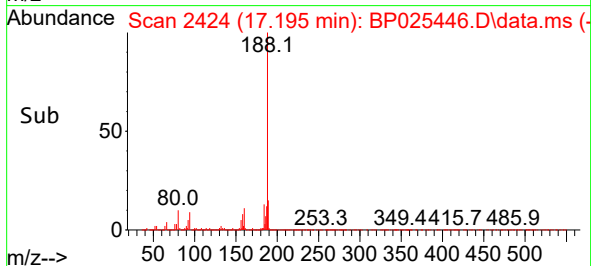
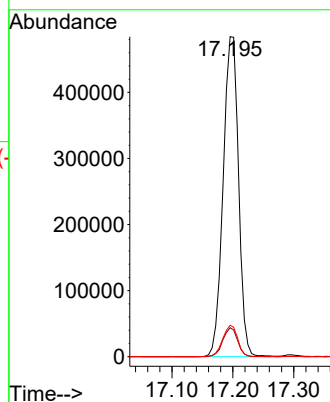
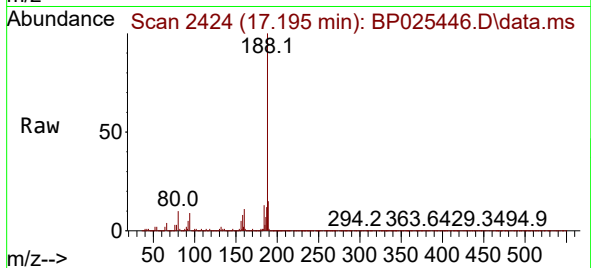
Tgt Ion:188 Resp: 851148

Ion Ratio Lower Upper

188 100

94 9.1 6.6 10.0

80 9.8 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: BP025446.D

Acq: 16 Aug 2025 05:22

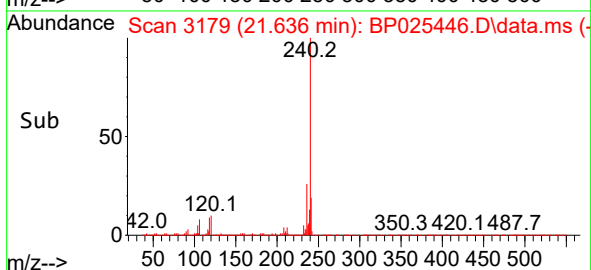
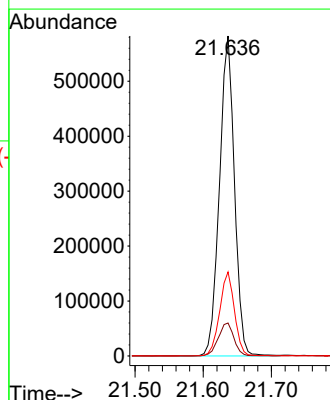
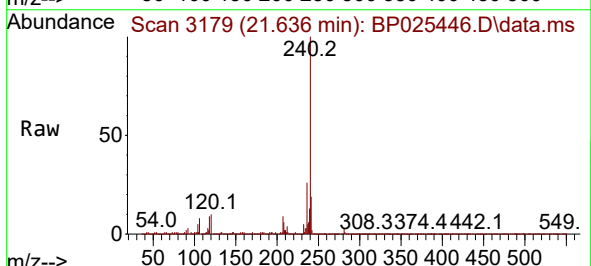
Tgt Ion:240 Resp: 893413

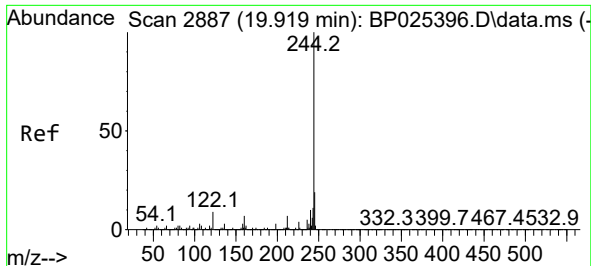
Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

236 26.2 19.8 29.8

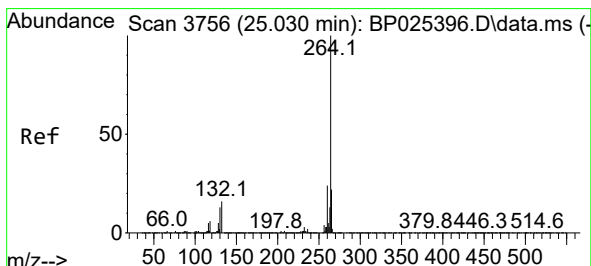
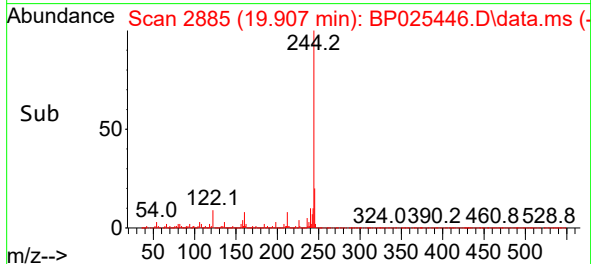
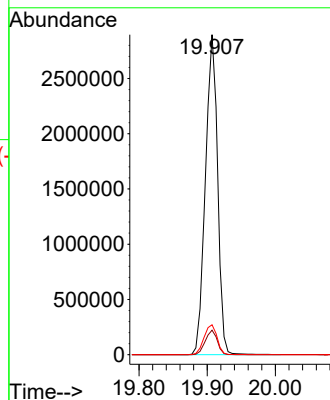
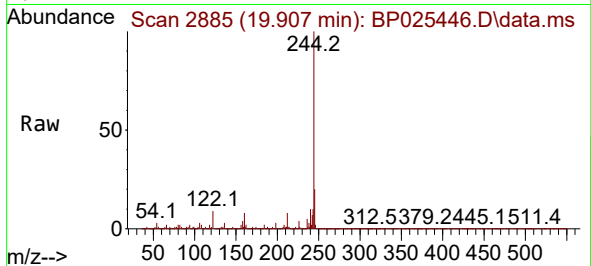




#79
 Terphenyl-d14
 Concen: 73.679 ng
 RT: 19.907 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP025446.D
 Acq: 16 Aug 2025 05:22

Instrument :
 BNA_P
 ClientSampleId :
 TP-11

Tgt Ion:244 Resp: 3597859
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.6
 122 9.3 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.995 min Scan# 3750
 Delta R.T. -0.035 min
 Lab File: BP025446.D
 Acq: 16 Aug 2025 05:22

Tgt Ion:264 Resp: 987398
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 22.2 17.4 26.0

