

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
 Data File : BP025590.D
 Acq On : 26 Aug 2025 17:59
 Operator : CG/JU
 Sample : Q2924-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-2A-082025

Quant Time: Aug 26 18:22:06 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	7.778	152	209304	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	834432	20.000	ng	-0.02
39) Acenaphthene-d10	14.384	164	540709	20.000	ng	-0.02
64) Phenanthrene-d10	17.190	188	1091596	20.000	ng	-0.01
76) Chrysene-d12	21.642	240	1128817	20.000	ng	0.00
86) Perylene-d12	25.001	264	1291268	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	814381	64.616	ng	0.00
7) Phenol-d6	6.967	99	631287	39.068	ng	0.00
23) Nitrobenzene-d5	8.919	82	1375067	83.360	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	1025813	140.947	ng	0.00
45) 2-Fluorobiphenyl	13.002	172	3085021	77.976	ng	-0.02
79) Terphenyl-d14	19.907	244	4749921	76.986	ng	-0.01

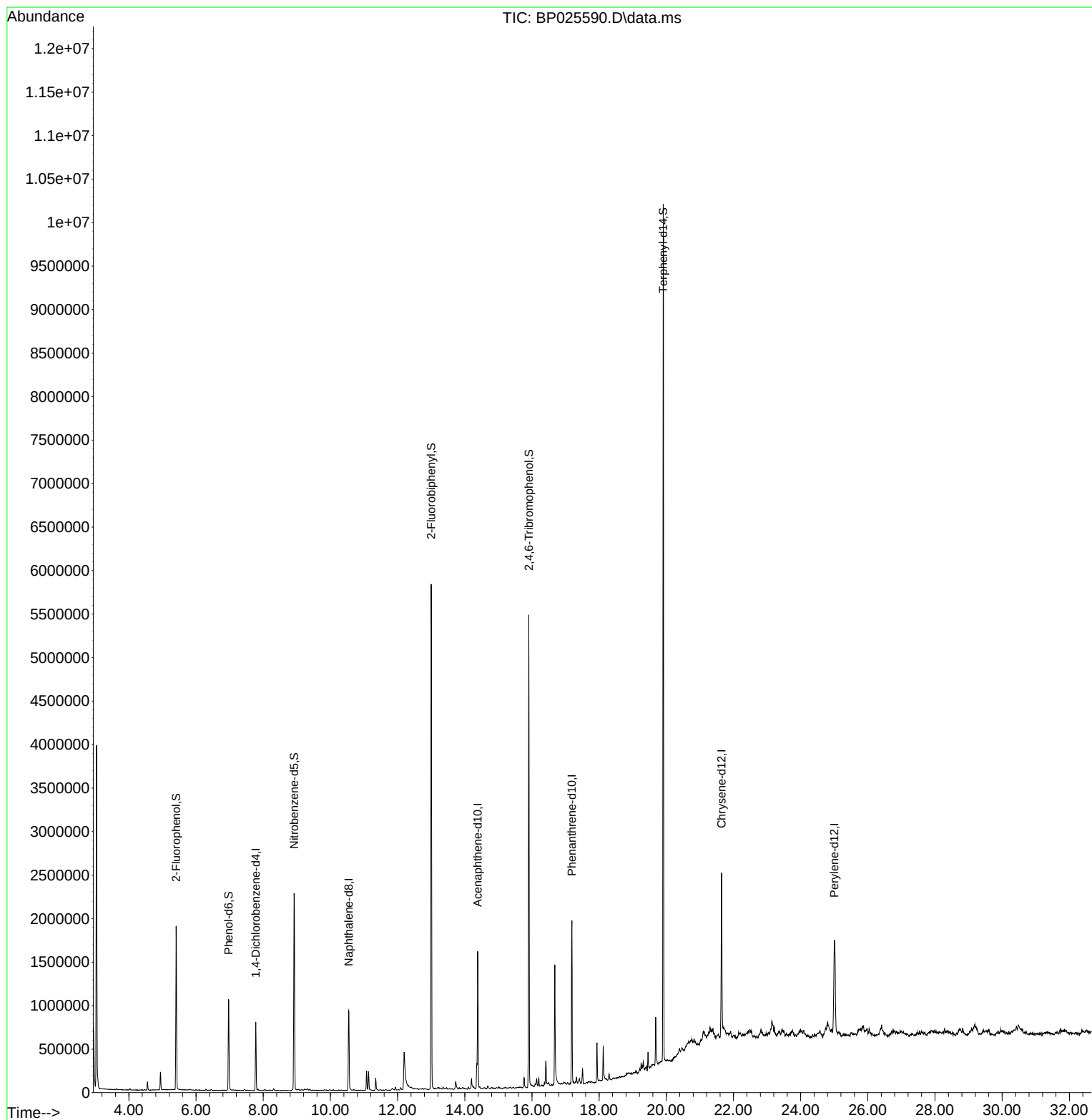
Target Compounds	Qvalue

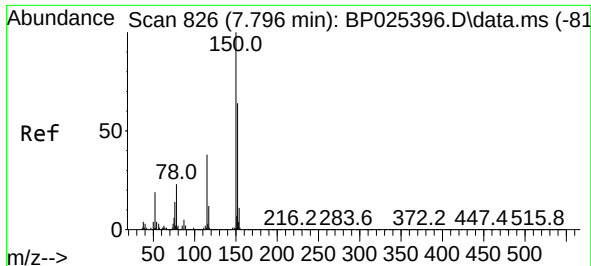
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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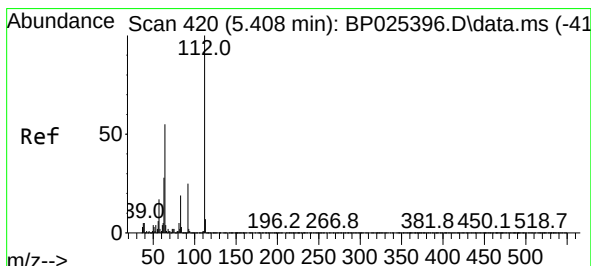
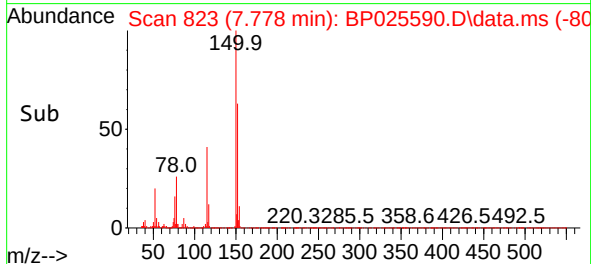
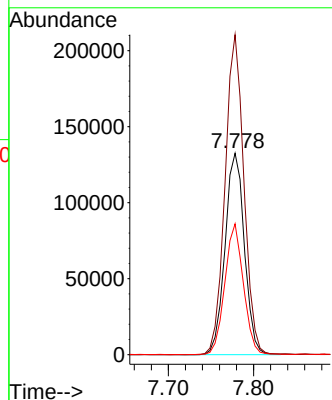
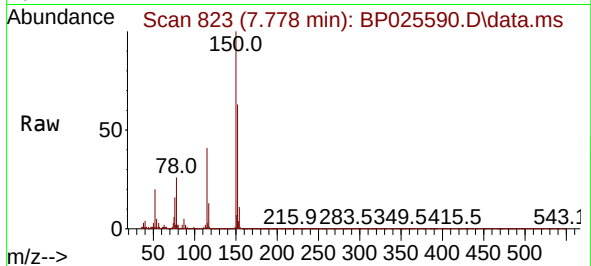




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025590.D
Acq: 26 Aug 2025 17:59

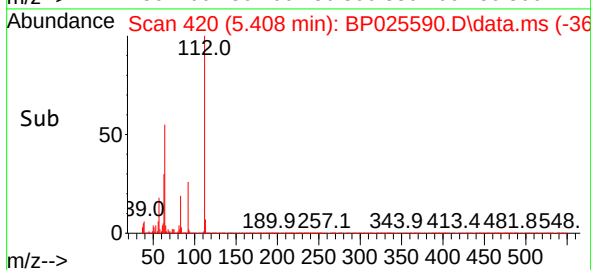
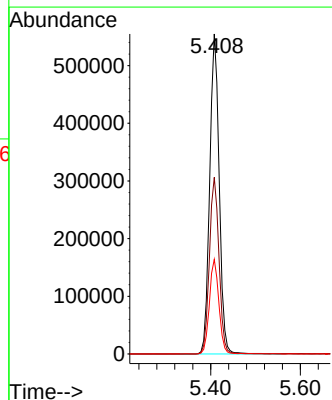
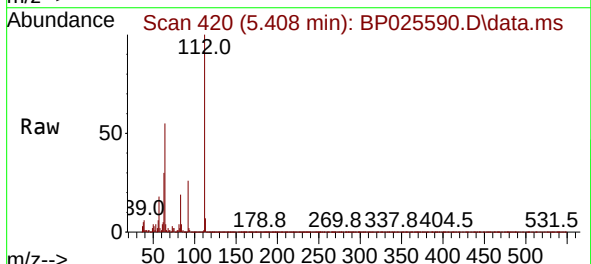
Instrument :
BNA_P
ClientSampleId :
MW-2A-082025

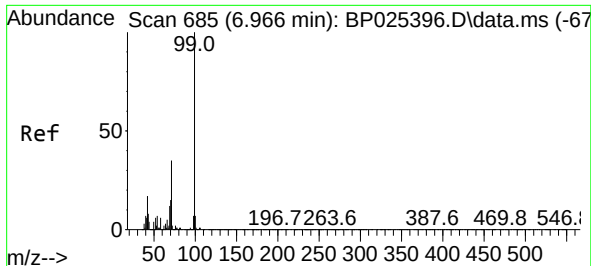
Tgt Ion:152 Resp: 209304
Ion Ratio Lower Upper
152 100
150 158.9 125.9 188.9
115 65.0 48.5 72.7



#5
2-Fluorophenol
Concen: 64.616 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025590.D
Acq: 26 Aug 2025 17:59

Tgt Ion:112 Resp: 814381
Ion Ratio Lower Upper
112 100
64 55.2 43.8 65.8
63 29.6 22.7 34.1

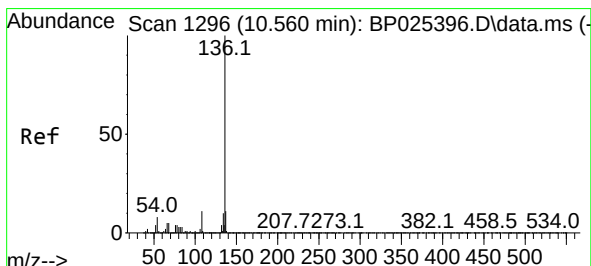
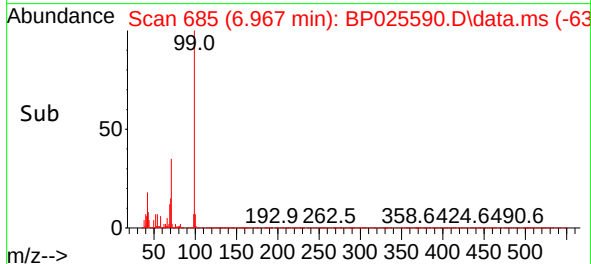
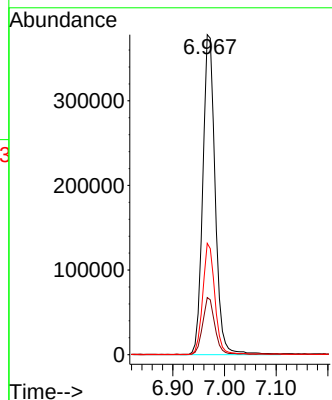
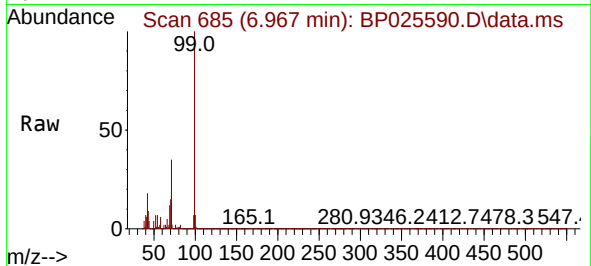




#7
Phenol-d6
Concen: 39.068 ng
RT: 6.967 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025590.D
Acq: 26 Aug 2025 17:59

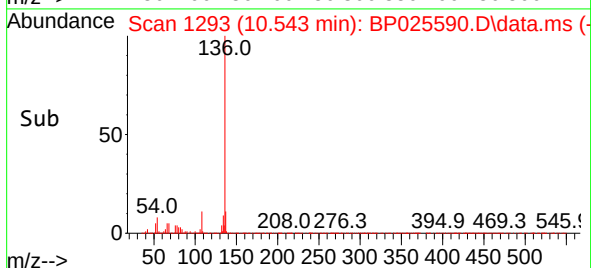
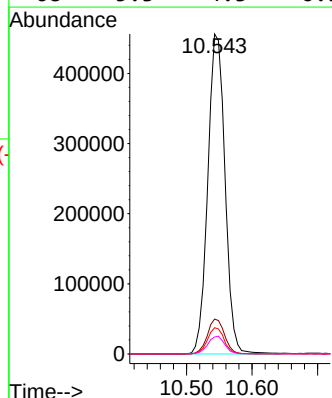
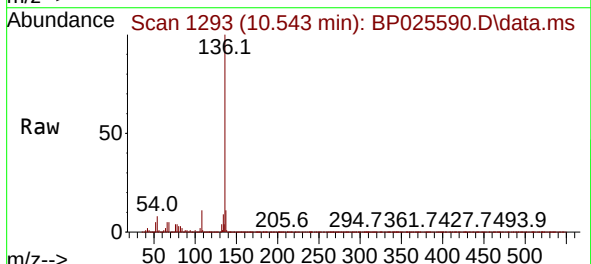
Instrument :
BNA_P
ClientSampleId :
MW-2A-082025

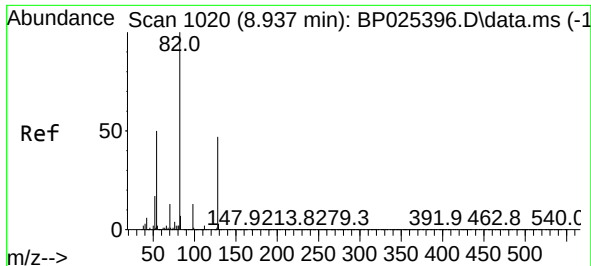
Tgt Ion: 99 Resp: 631287
Ion Ratio Lower Upper
99 100
42 17.8 13.7 20.5
71 34.8 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.017 min
Lab File: BP025590.D
Acq: 26 Aug 2025 17:59

Tgt Ion: 136 Resp: 834432
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 8.2 6.0 9.0
68 5.3 4.3 6.5

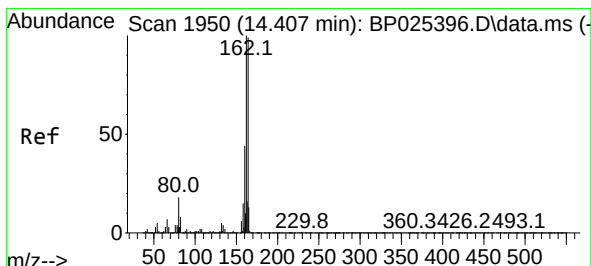
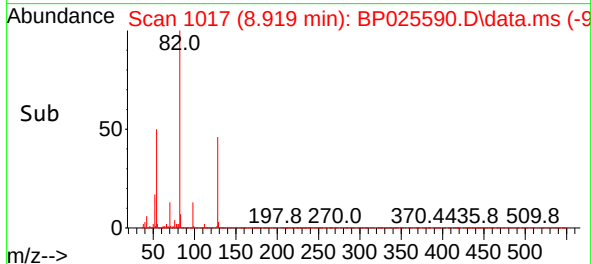
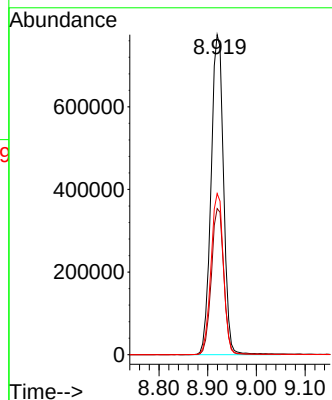
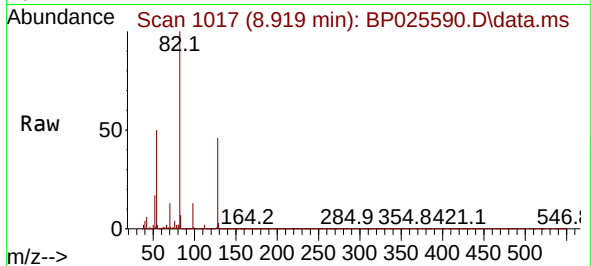




#23
Nitrobenzene-d5
Concen: 83.360 ng
RT: 8.919 min Scan# 1020
Delta R.T. -0.017 min
Lab File: BP025590.D
Acq: 26 Aug 2025 17:59

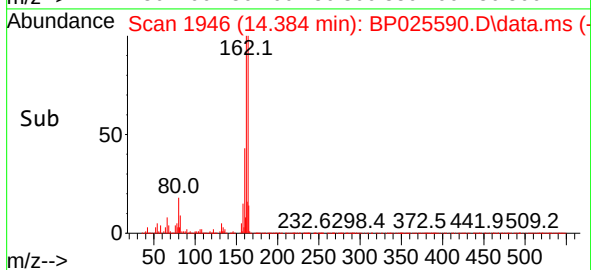
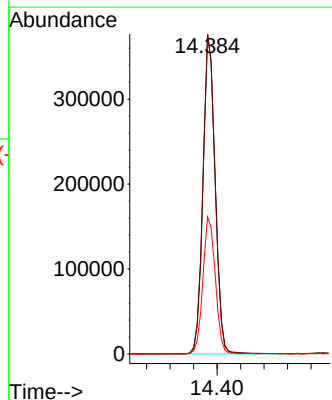
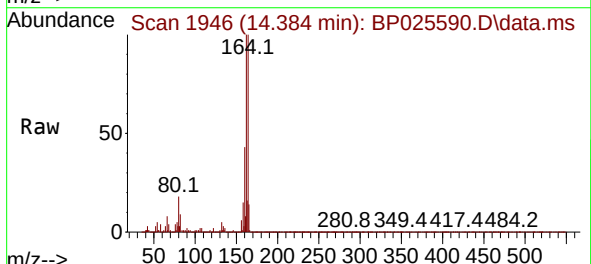
Instrument :
BNA_P
ClientSampleId :
MW-2A-082025

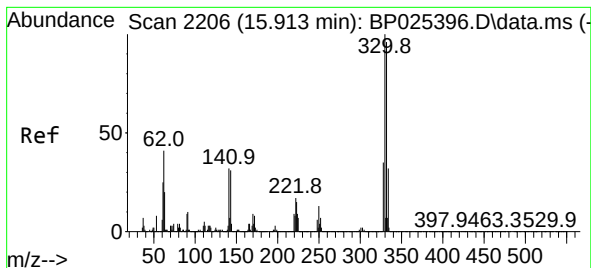
Tgt Ion: 82 Resp: 1375067
Ion Ratio Lower Upper
82 100
128 45.7 37.7 56.5
54 50.3 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.384 min Scan# 1946
Delta R.T. -0.023 min
Lab File: BP025590.D
Acq: 26 Aug 2025 17:59

Tgt Ion:164 Resp: 540709
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.6
160 42.9 35.4 53.2

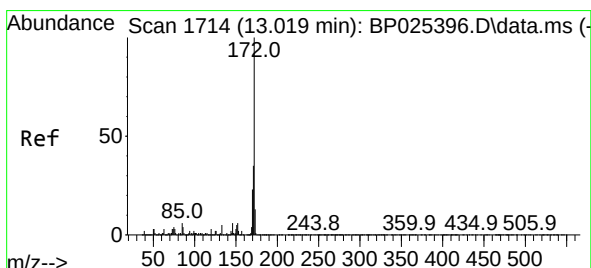
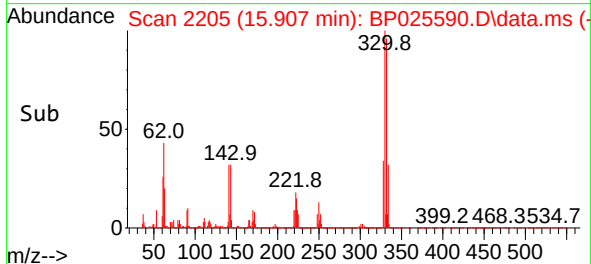
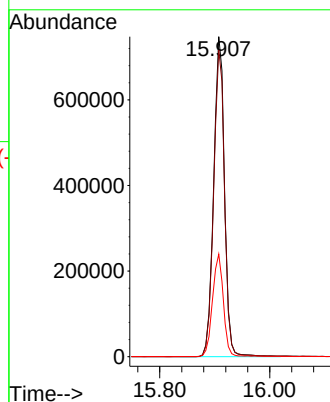
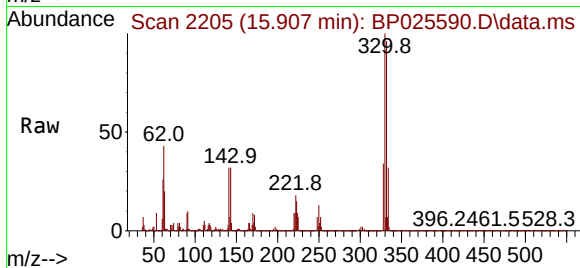




#42
2,4,6-Tribromophenol
Concen: 140.947 ng
RT: 15.907 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025590.D
Acq: 26 Aug 2025 17:59

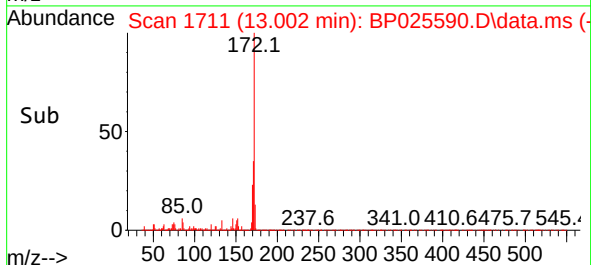
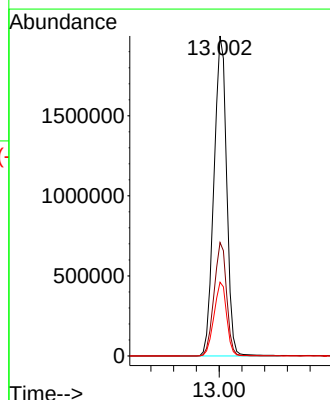
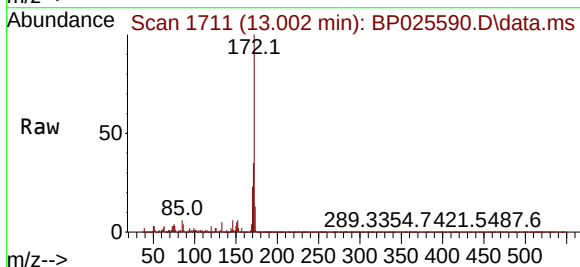
Instrument :
BNA_P
ClientSampleId :
MW-2A-082025

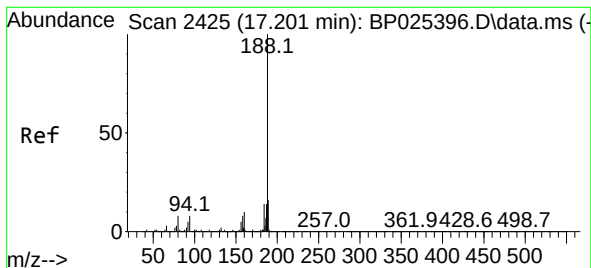
Tgt Ion:330 Resp: 1025813
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 32.2 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 77.976 ng
RT: 13.002 min Scan# 1711
Delta R.T. -0.017 min
Lab File: BP025590.D
Acq: 26 Aug 2025 17:59

Tgt Ion:172 Resp: 3085021
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.1 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.190 min Scan# 24

Delta R.T. -0.012 min

Lab File: BP025590.D

Acq: 26 Aug 2025 17:59

Instrument :

BNA_P

ClientSampleId :

MW-2A-082025

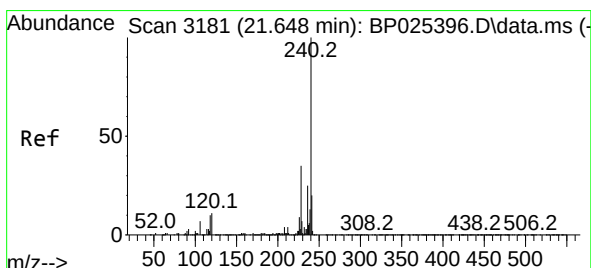
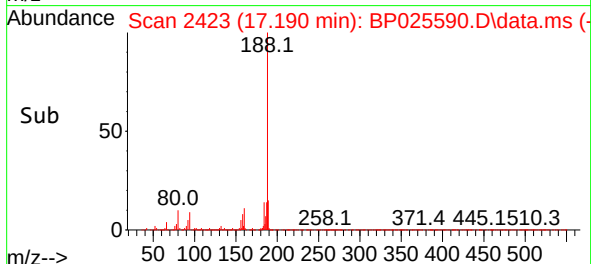
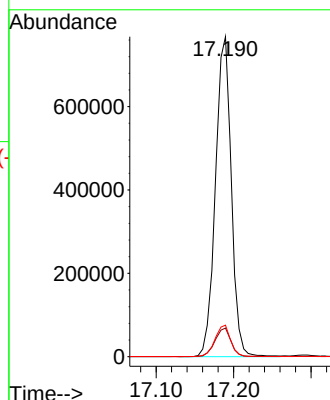
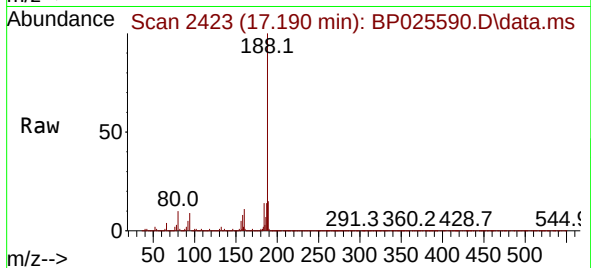
Tgt Ion:188 Resp: 1091596

Ion Ratio Lower Upper

188 100

94 8.9 6.6 10.0

80 9.8 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.642 min Scan# 3180

Delta R.T. -0.006 min

Lab File: BP025590.D

Acq: 26 Aug 2025 17:59

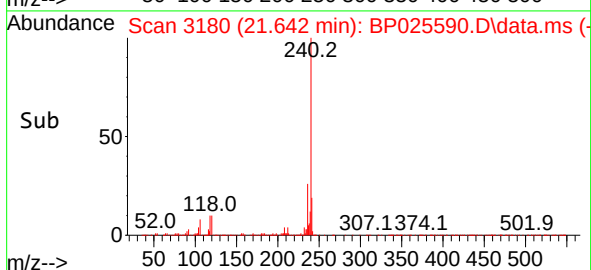
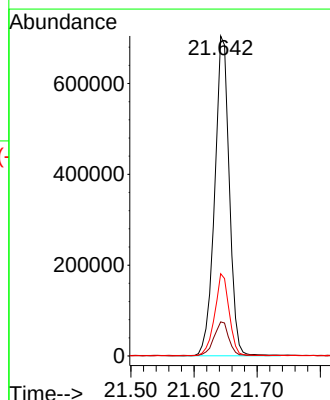
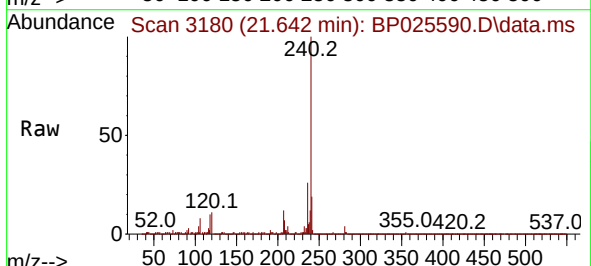
Tgt Ion:240 Resp: 1128817

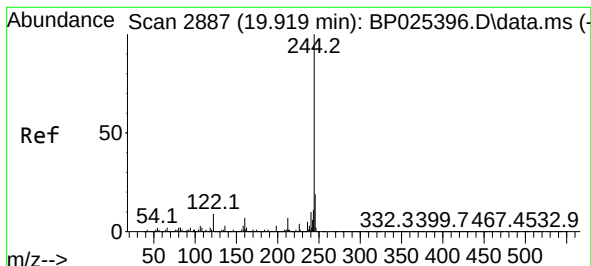
Ion Ratio Lower Upper

240 100

120 10.6 8.9 13.3

236 25.7 19.8 29.8





#79

Terphenyl-d14

Concen: 76.986 ng

RT: 19.907 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025590.D

Acq: 26 Aug 2025 17:59

Instrument :

BNA_P

ClientSampleId :

MW-2A-082025

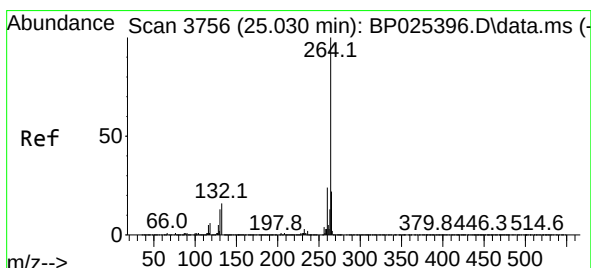
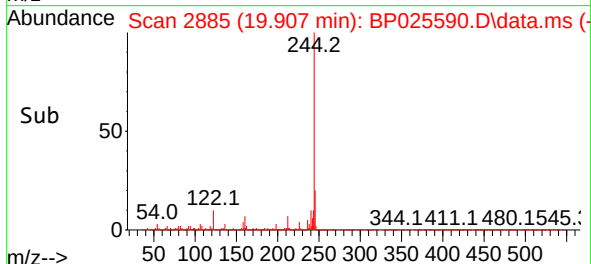
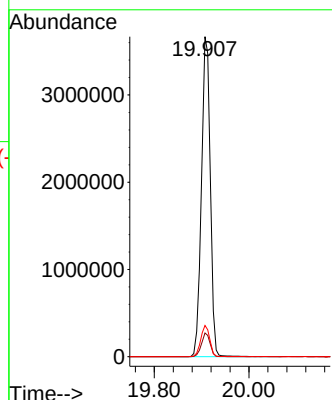
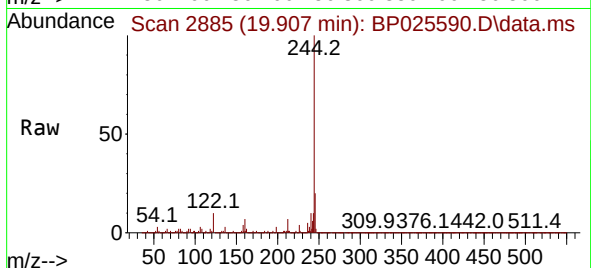
Tgt Ion:244 Resp: 4749921

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: 25.001 min Scan# 3751

Delta R.T. -0.029 min

Lab File: BP025590.D

Acq: 26 Aug 2025 17:59

Tgt Ion:264 Resp: 1291268

Ion Ratio Lower Upper

264 100

260 22.7 19.3 28.9

265 22.4 17.4 26.0

