

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025435.D
 Acq On : 15 Aug 2025 20:21
 Operator : CG/JU
 Sample : Q2820-22RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 22M-WRE

Quant Time: Aug 18 01:36:46 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	156053	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	655545	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	437583	20.000	ng	-0.01
64) Phenanthrene-d10	17.189	188	897708	20.000	ng	-0.01
76) Chrysene-d12	21.636	240	903775	20.000	ng	-0.01
86) Perylene-d12	25.012	264	1010900	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	714617	76.049	ng	0.00
7) Phenol-d6	6.966	99	940115	78.034	ng	0.00
23) Nitrobenzene-d5	8.931	82	620832	47.907	ng	0.00
42) 2,4,6-Tribromophenol	15.907	330	432896	73.498	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	1320350	41.238	ng	0.00
79) Terphenyl-d14	19.907	244	1968336	39.846	ng	-0.01

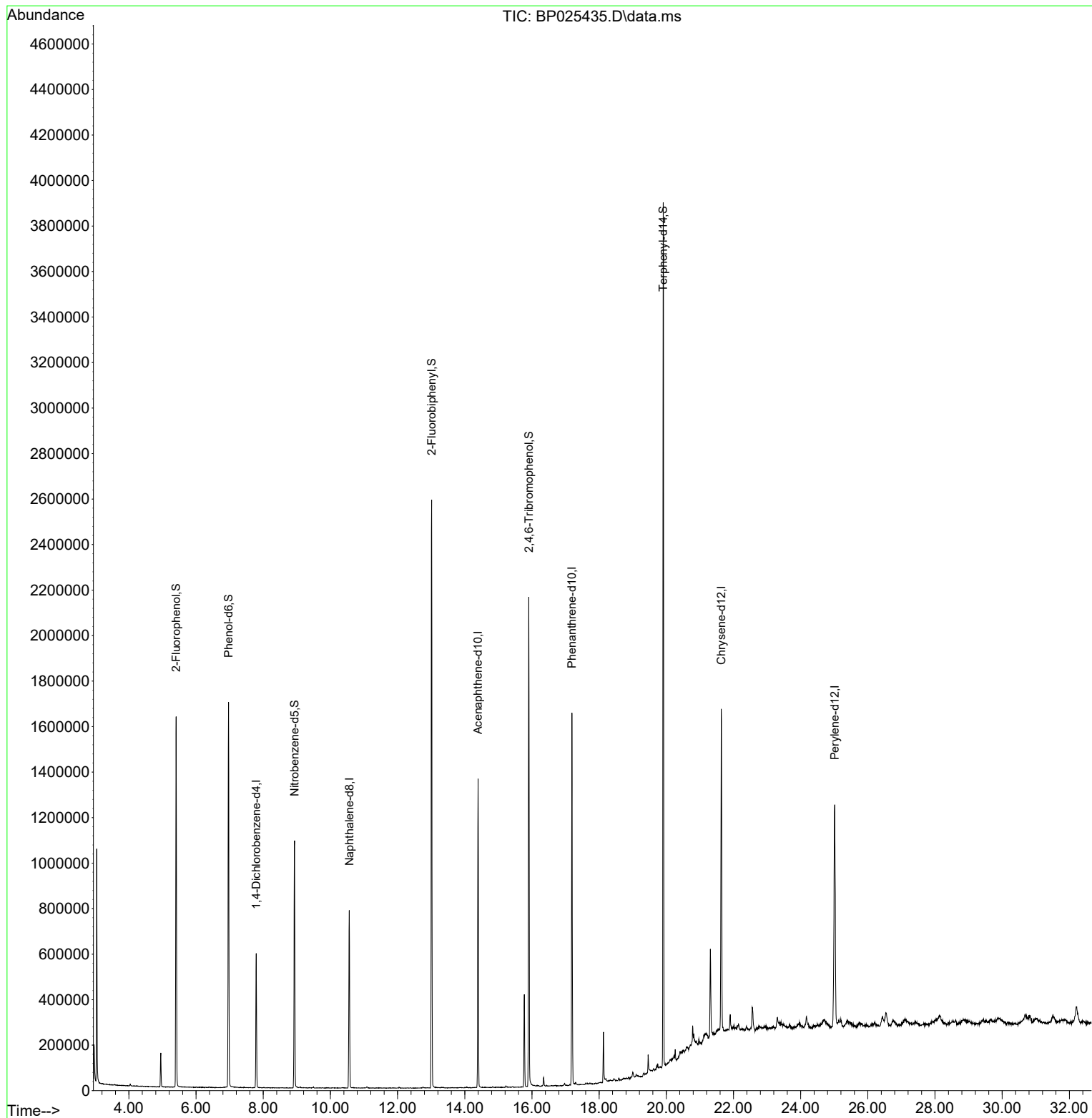
Target Compounds	Qvalue

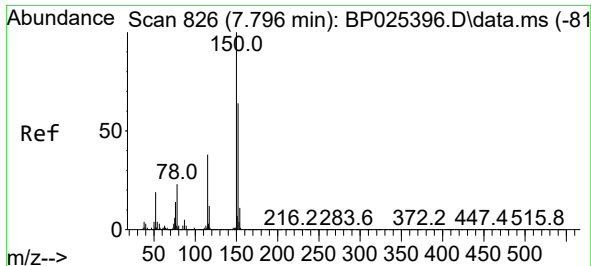
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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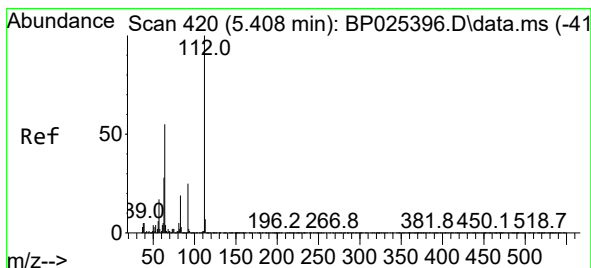
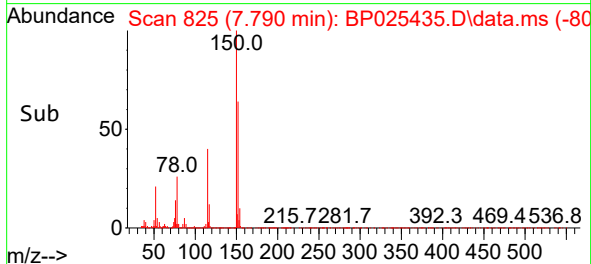
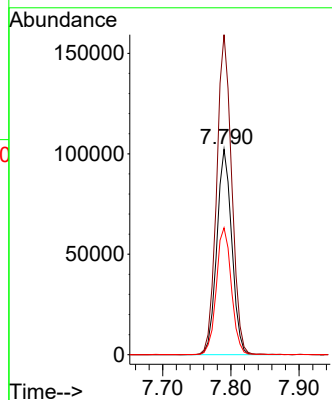
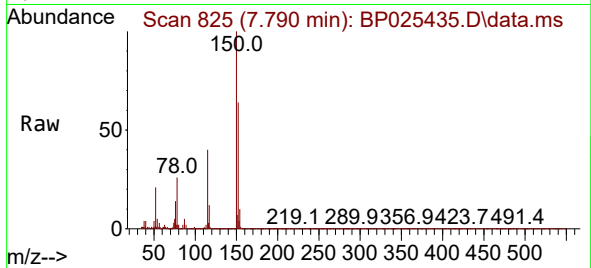




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025435.D
Acq: 15 Aug 2025 20:21

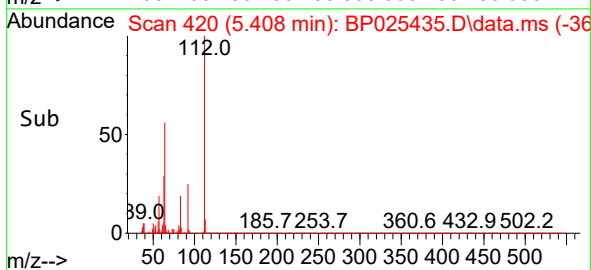
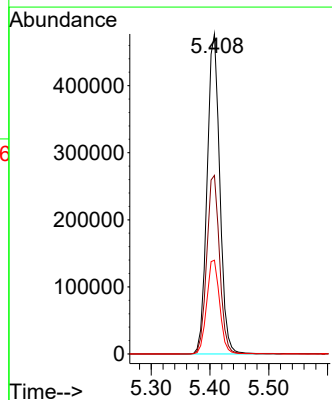
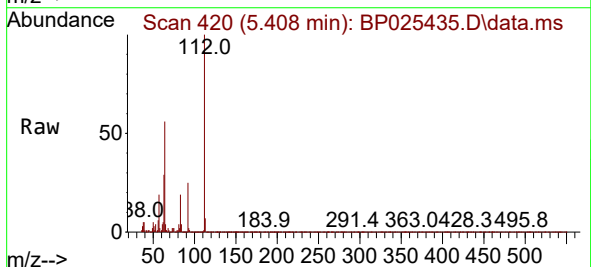
Instrument :
BNA_P
ClientSampleId :
22M-WRE

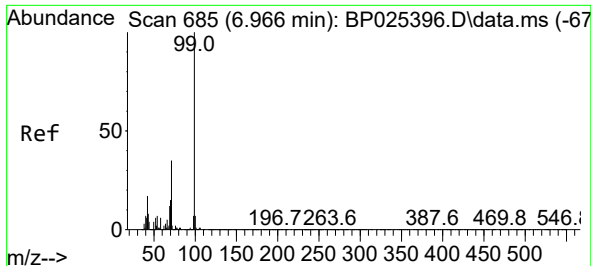
Tgt Ion:152 Resp: 156053
Ion Ratio Lower Upper
152 100
150 155.7 125.9 188.9
115 61.8 48.5 72.7



#5
2-Fluorophenol
Concen: 76.049 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025435.D
Acq: 15 Aug 2025 20:21

Tgt Ion:112 Resp: 714617
Ion Ratio Lower Upper
112 100
64 55.8 43.8 65.8
63 29.3 22.7 34.1

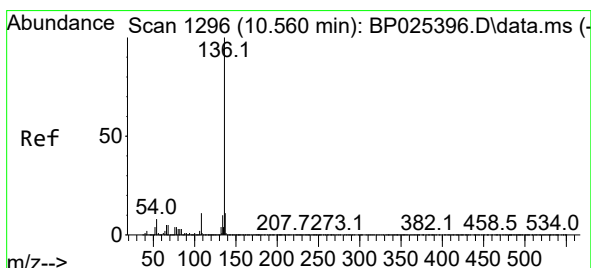
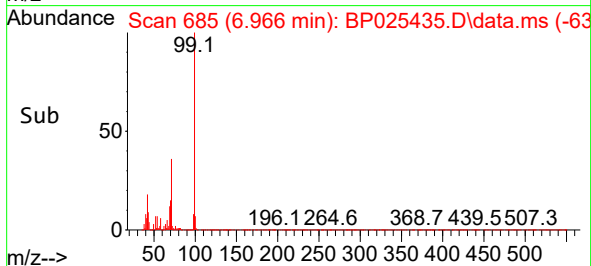
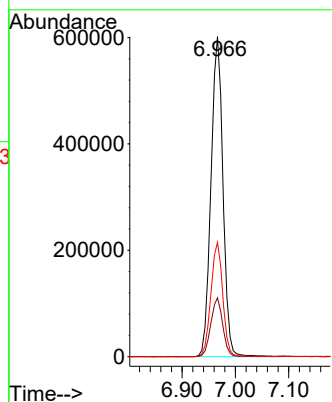
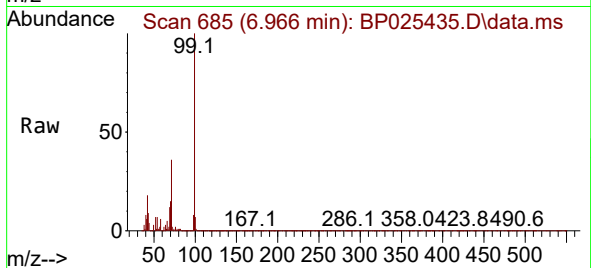




#7
Phenol-d6
Concen: 78.034 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025435.D
Acq: 15 Aug 2025 20:21

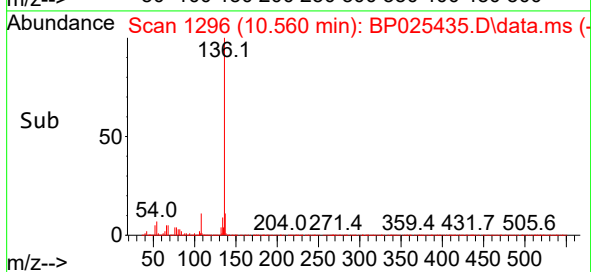
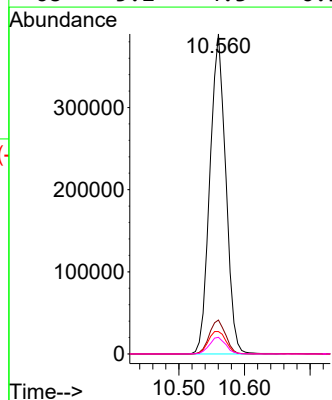
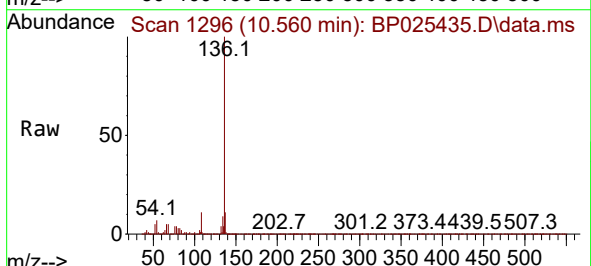
Instrument :
BNA_P
ClientSampleId :
22M-WRE

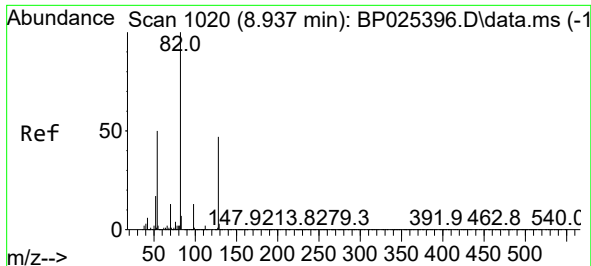
Tgt Ion:	99	Resp:	940115
Ion	Ratio	Lower	Upper
99	100		
42	18.4	13.7	20.5
71	35.7	28.2	42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025435.D
Acq: 15 Aug 2025 20:21

Tgt Ion:	136	Resp:	655545
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.0	6.0	9.0
68	5.2	4.3	6.5





#23

Nitrobenzene-d5

Concen: 47.907 ng

RT: 8.931 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP025435.D

Acq: 15 Aug 2025 20:21

Instrument :

BNA_P

ClientSampleId :

22M-WRE

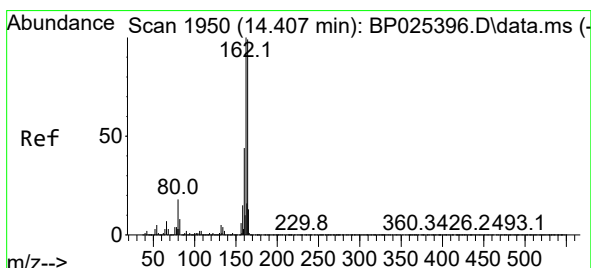
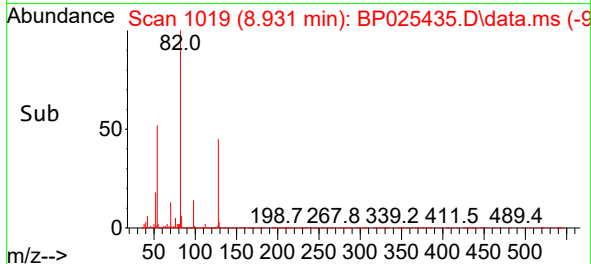
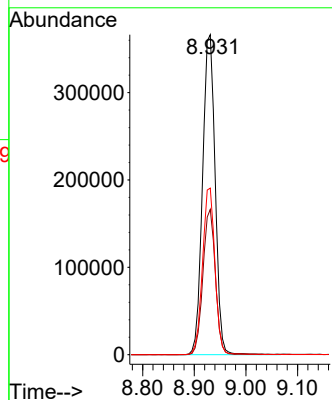
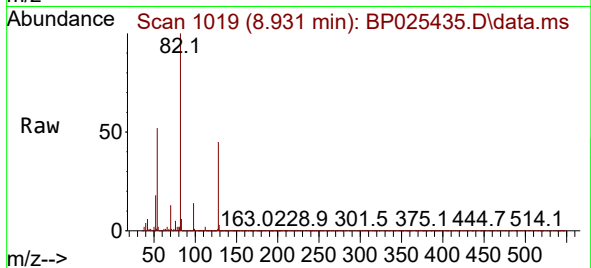
Tgt Ion: 82 Resp: 620832

Ion Ratio Lower Upper

82 100

128 45.4 37.7 56.5

54 52.1 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: BP025435.D

Acq: 15 Aug 2025 20:21

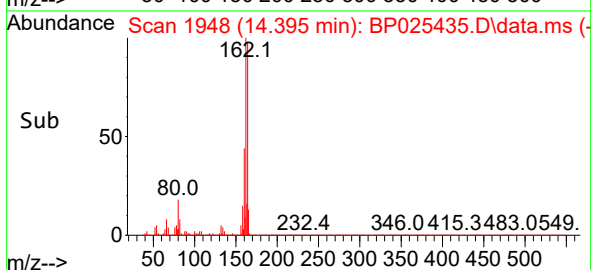
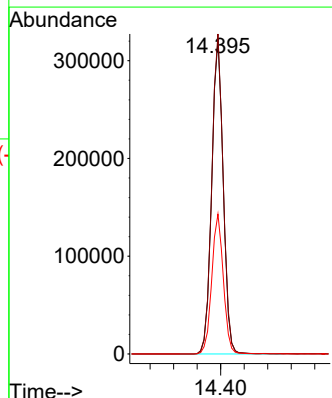
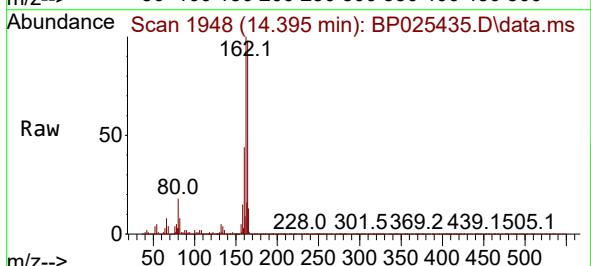
Tgt Ion: 164 Resp: 437583

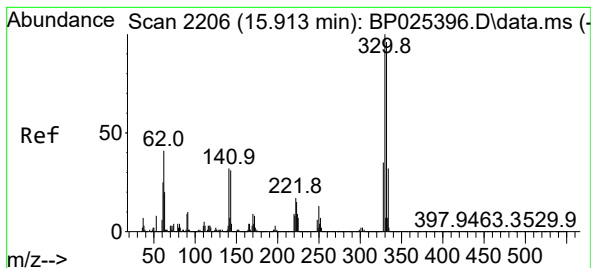
Ion Ratio Lower Upper

164 100

162 101.7 81.0 121.6

160 44.5 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 73.498 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025435.D

Acq: 15 Aug 2025 20:21

Instrument :

BNA_P

ClientSampleId :

22M-WRE

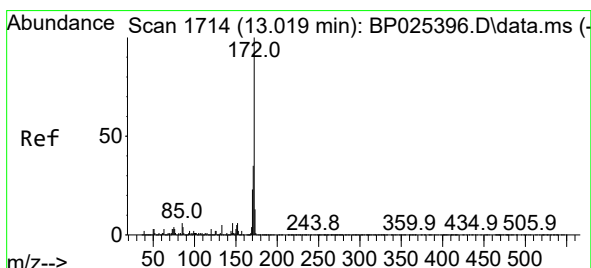
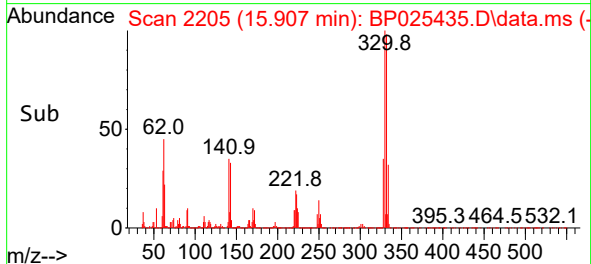
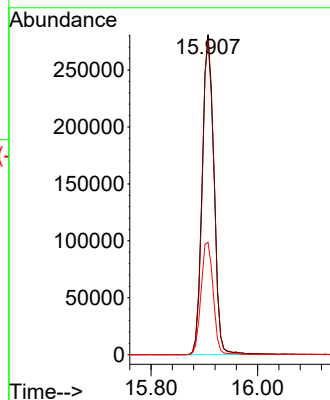
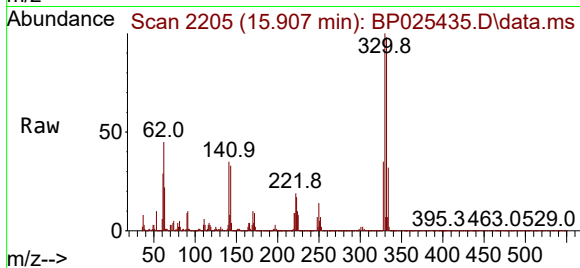
Tgt Ion:330 Resp: 432896

Ion Ratio Lower Upper

330 100

332 97.7 77.3 115.9

141 36.2 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 41.238 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025435.D

Acq: 15 Aug 2025 20:21

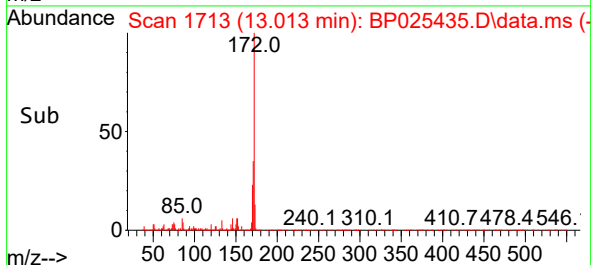
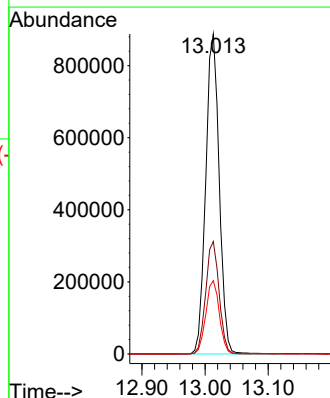
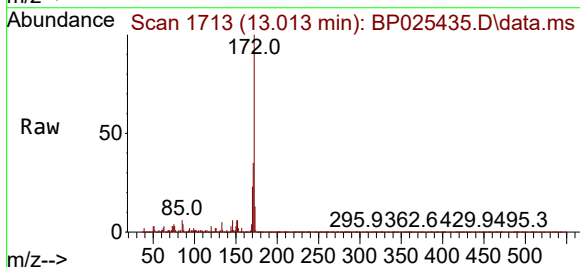
Tgt Ion:172 Resp: 1320350

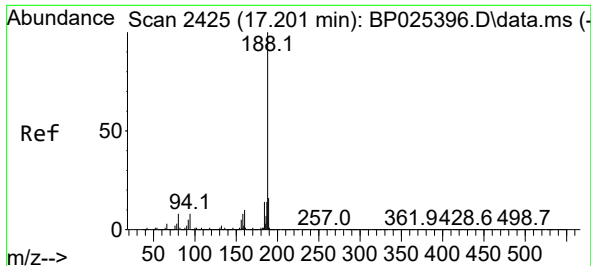
Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 22.9 18.6 28.0

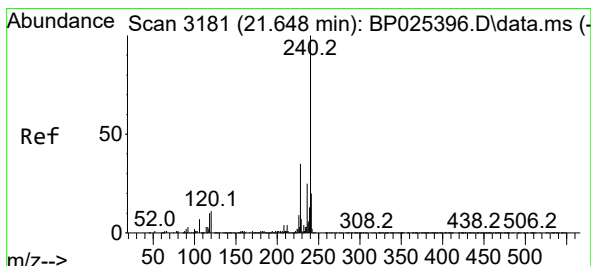
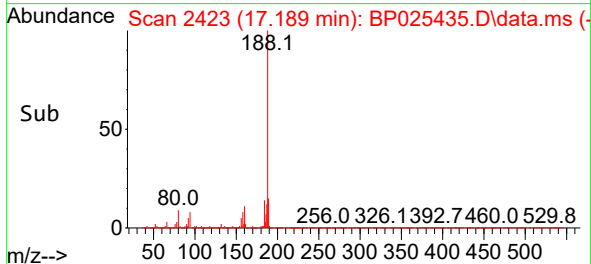
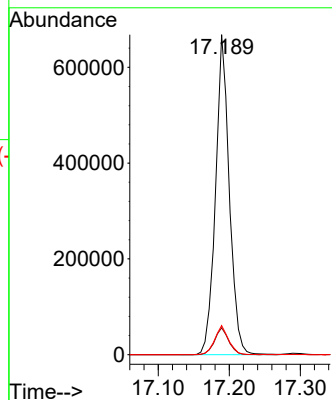
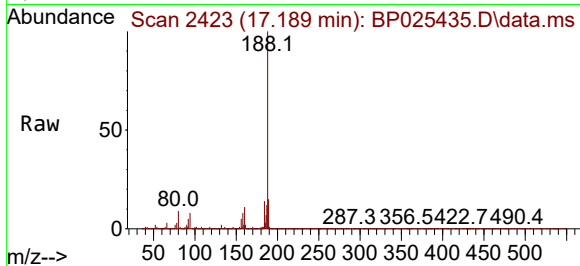




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025435.D
Acq: 15 Aug 2025 20:21

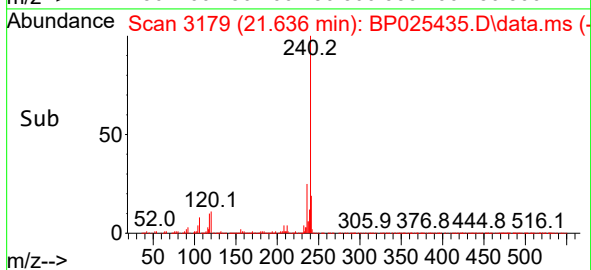
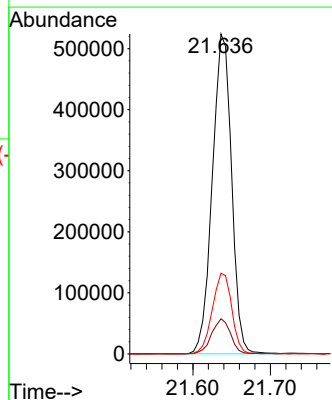
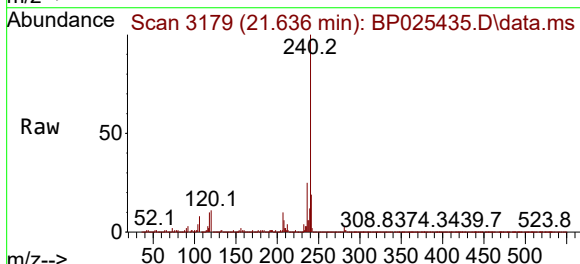
Instrument :
BNA_P
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22M-WRE

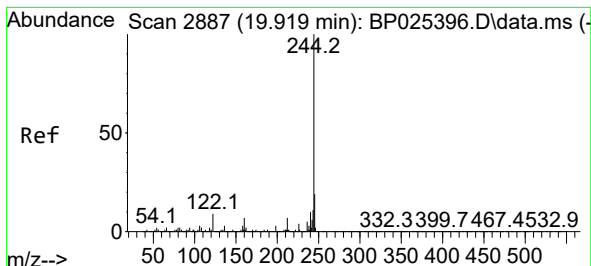
Tgt Ion:188 Resp: 897708
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.1 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BP025435.D
Acq: 15 Aug 2025 20:21

Tgt Ion:240 Resp: 903775
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 25.2 19.8 29.8





#79

Terphenyl-d14

Concen: 39.846 ng

RT: 19.907 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025435.D

Acq: 15 Aug 2025 20:21

Instrument :

BNA_P

ClientSampleId :

22M-WRE

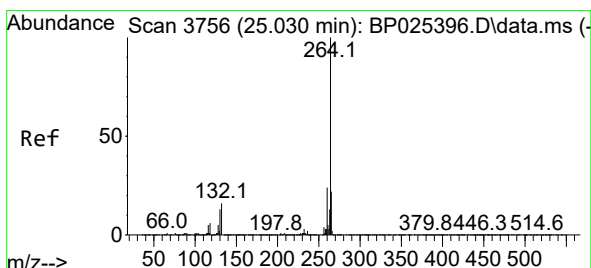
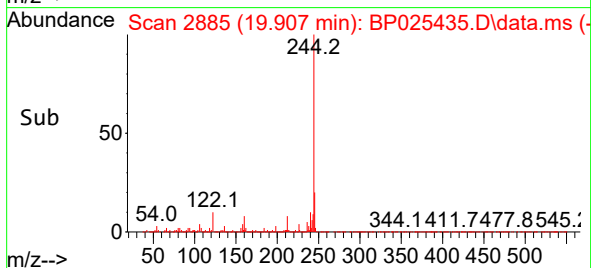
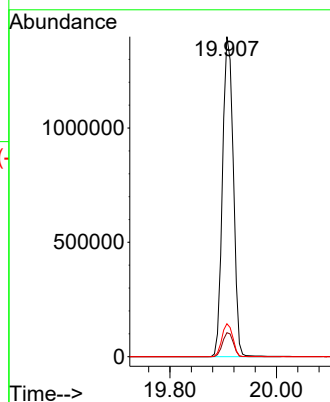
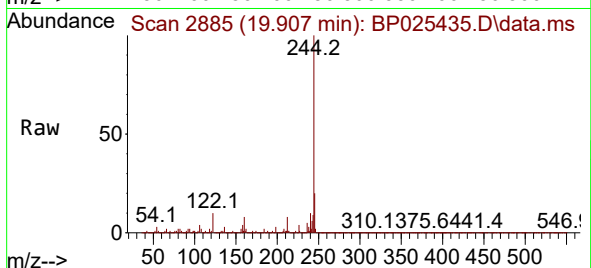
Tgt Ion:244 Resp: 1968336

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

122 10.3 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: BP025435.D

Acq: 15 Aug 2025 20:21

Tgt Ion:264 Resp: 1010900

Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 22.2 17.4 26.0

