

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
 Data File : BP025500.D
 Acq On : 20 Aug 2025 08:38
 Operator : CG/JU
 Sample : Q2819-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 11M-W

Quant Time: Aug 20 09:04:18 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	157249	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	620638	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	425520	20.000	ng	0.00
64) Phenanthrene-d10	17.195	188	904666	20.000	ng	0.00
76) Chrysene-d12	21.636	240	991814	20.000	ng	-0.01
86) Perylene-d12	25.007	264	1041809	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	1157222	122.214	ng	0.00
7) Phenol-d6	6.966	99	1511369	124.496	ng	0.00
23) Nitrobenzene-d5	8.931	82	956383	77.951	ng	0.00
42) 2,4,6-Tribromophenol	15.907	330	746280	130.297	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2195196	70.505	ng	0.00
79) Terphenyl-d14	19.919	244	3800019	70.098	ng	0.00

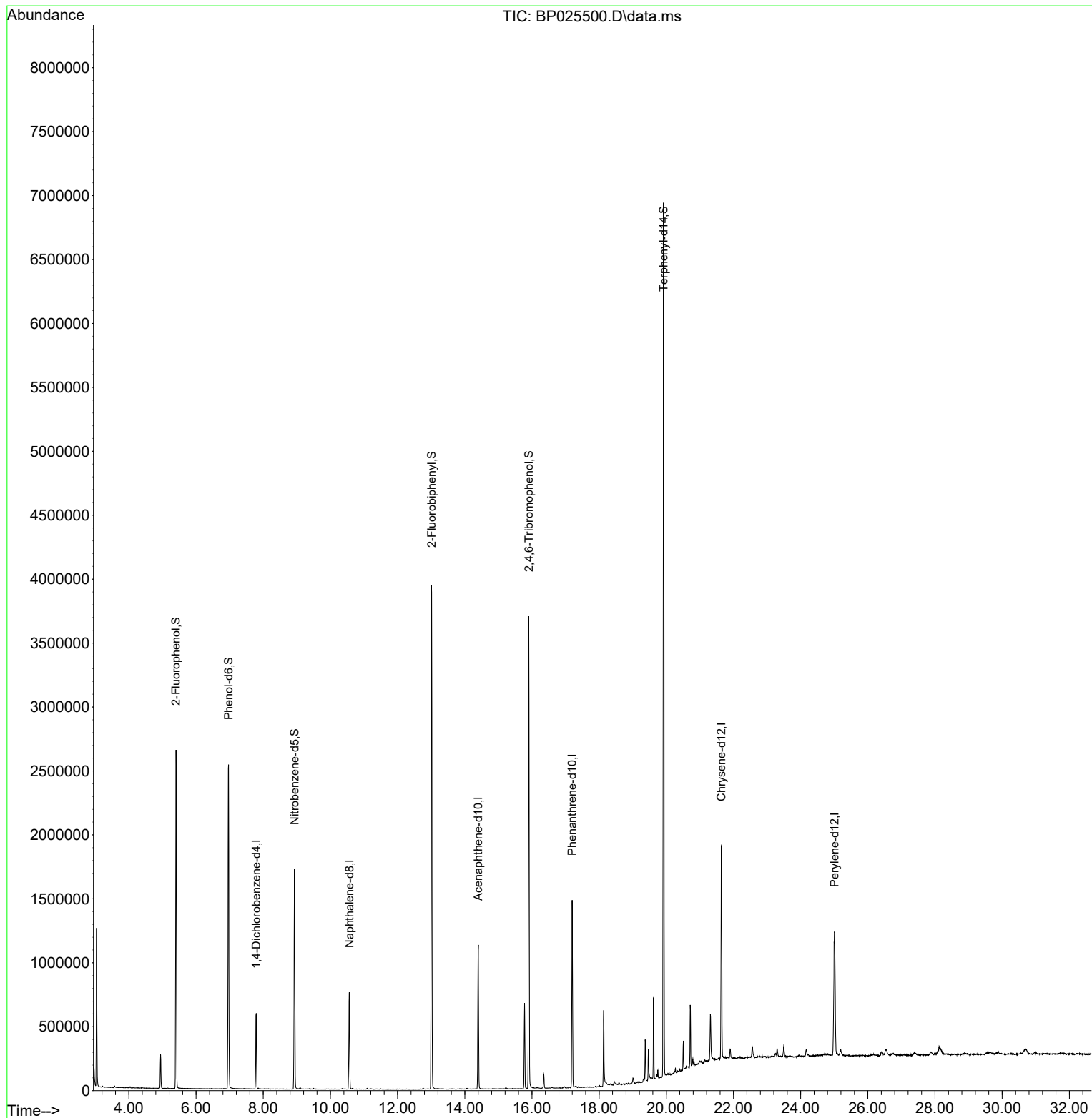
Target Compounds	Qvalue

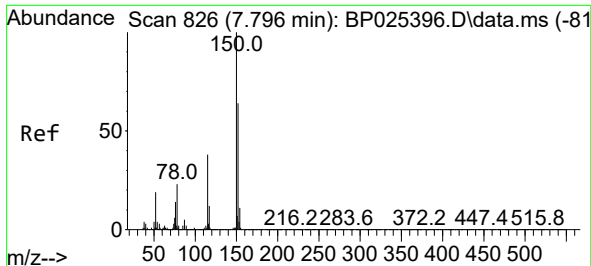
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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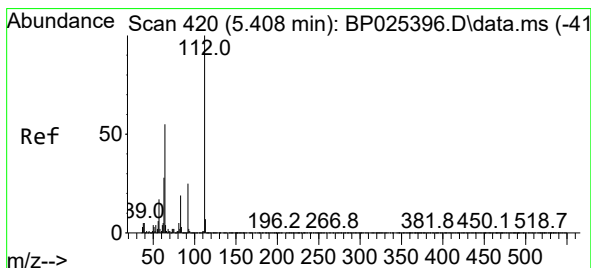
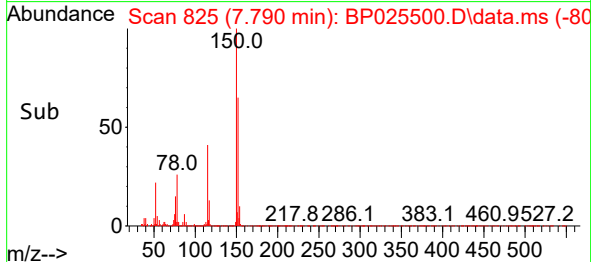
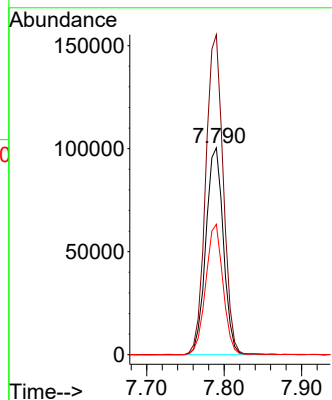
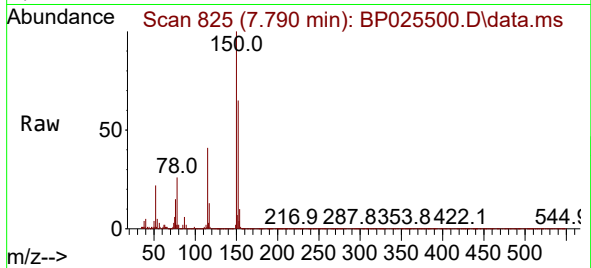




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.790 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025500.D
 Acq: 20 Aug 2025 08:38

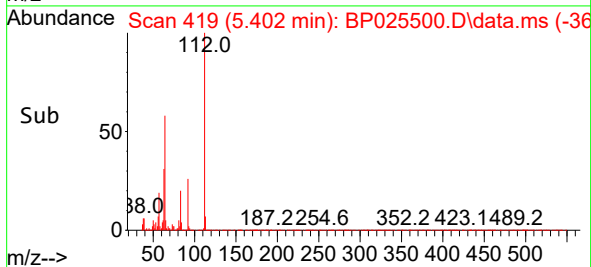
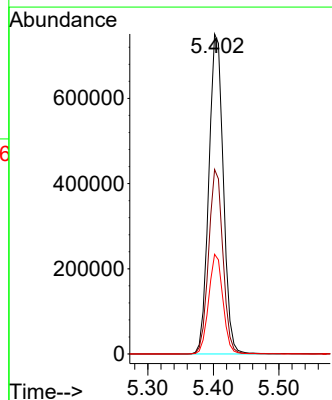
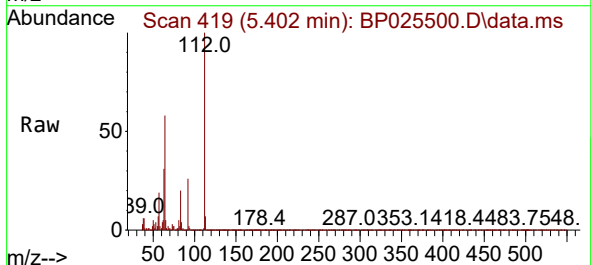
Instrument :
 BNA_P
 ClientSampleId :
 11M-W

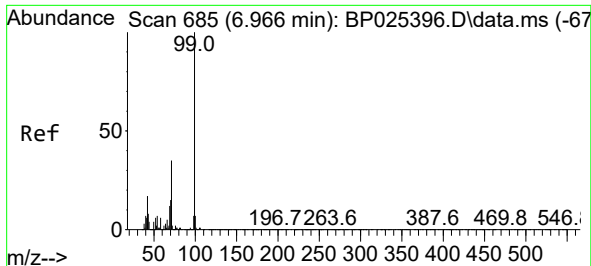
Tgt Ion:152 Resp: 157249
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.9 188.9
 115 63.1 48.5 72.7



#5
 2-Fluorophenol
 Concen: 122.214 ng
 RT: 5.402 min Scan# 419
 Delta R.T. -0.006 min
 Lab File: BP025500.D
 Acq: 20 Aug 2025 08:38

Tgt Ion:112 Resp: 1157222
 Ion Ratio Lower Upper
 112 100
 64 57.6 43.8 65.8
 63 31.2 22.7 34.1



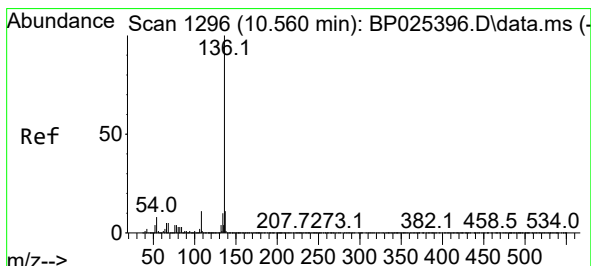
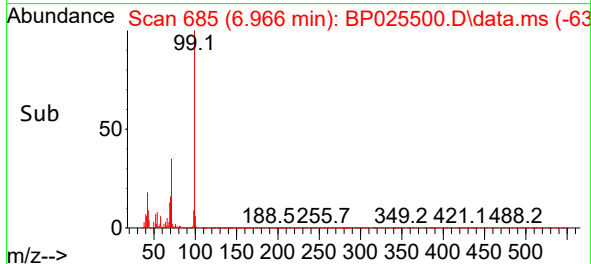
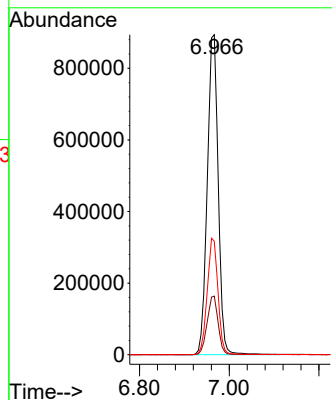
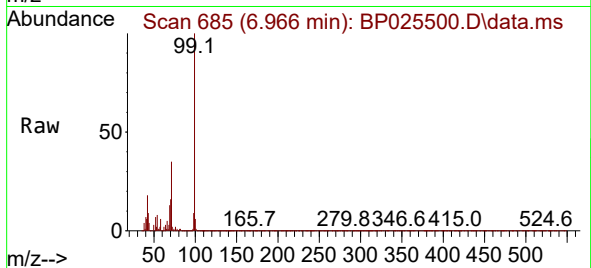


#7
Phenol-d6
Concen: 124.496 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025500.D
Acq: 20 Aug 2025 08:38

Instrument :
BNA_P
ClientSampleId :
11M-W

Tgt Ion: 99 Resp: 1511369

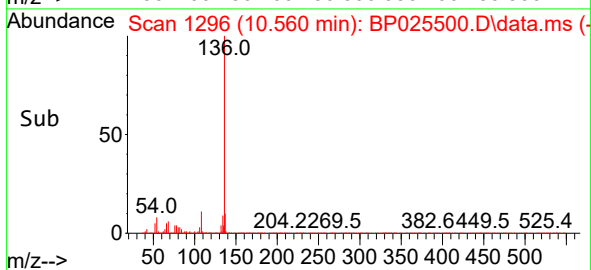
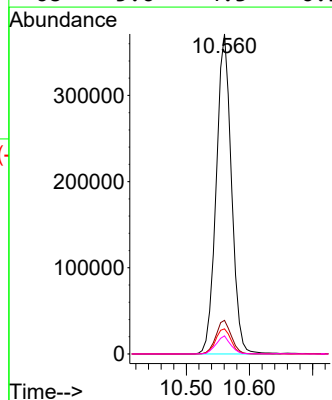
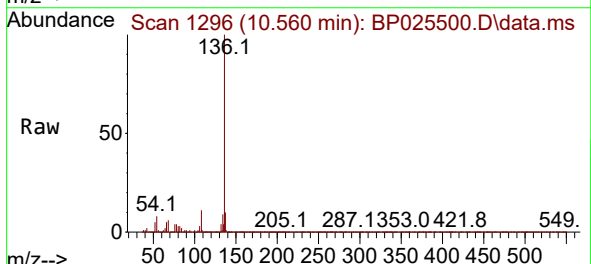
Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.7	20.5
71	35.4	28.2	42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025500.D
Acq: 20 Aug 2025 08:38

Tgt Ion: 136 Resp: 620638

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	7.9	6.0	9.0
68	5.6	4.3	6.5





#23

Nitrobenzene-d5

Concen: 77.951 ng

RT: 8.931 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP025500.D

Acq: 20 Aug 2025 08:38

Instrument :

BNA_P

ClientSampleId :

11M-W

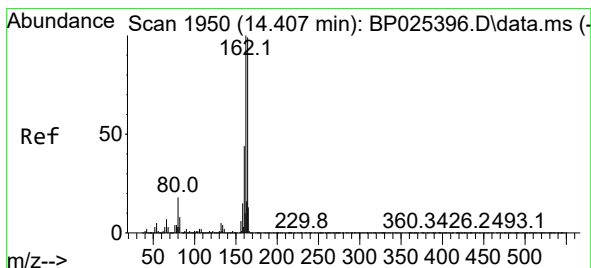
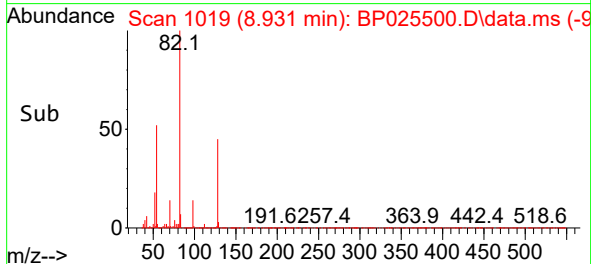
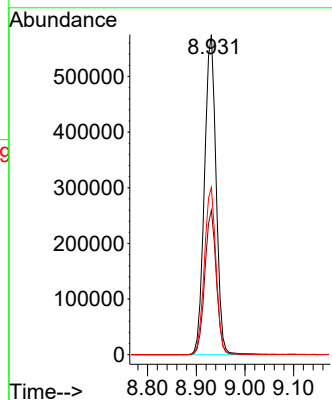
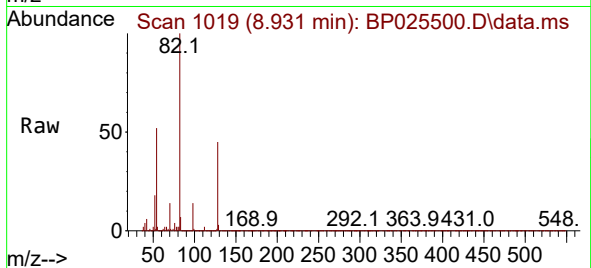
Tgt Ion: 82 Resp: 956383

Ion Ratio Lower Upper

82 100

128 45.2 37.7 56.5

54 52.3 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.401 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BP025500.D

Acq: 20 Aug 2025 08:38

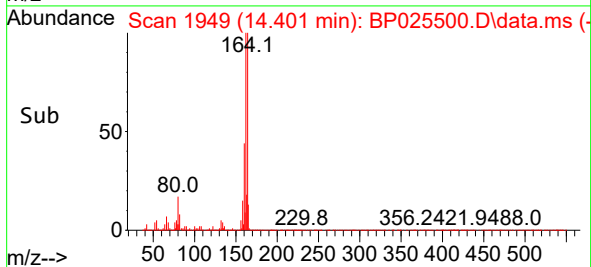
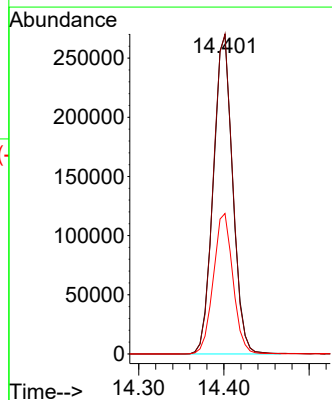
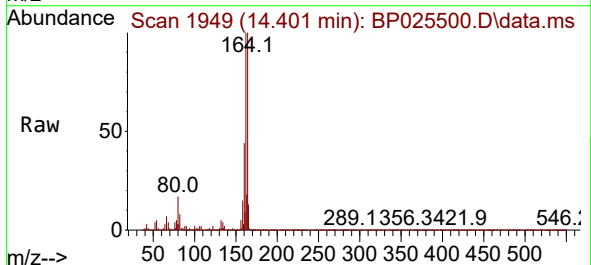
Tgt Ion:164 Resp: 425520

Ion Ratio Lower Upper

164 100

162 100.5 81.0 121.6

160 44.1 35.4 53.2

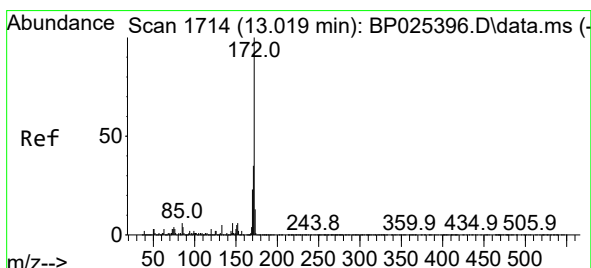
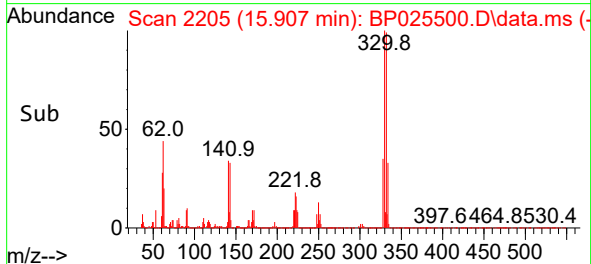
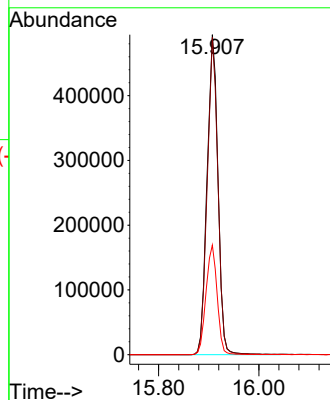
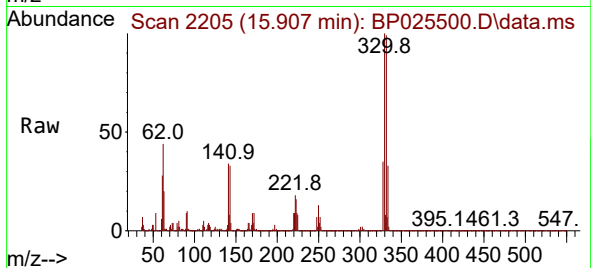




#42
2,4,6-Tribromophenol
Concen: 130.297 ng
RT: 15.907 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025500.D
Acq: 20 Aug 2025 08:38

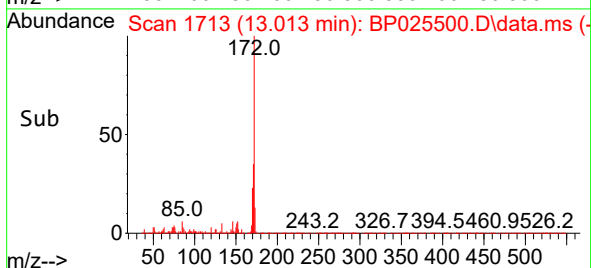
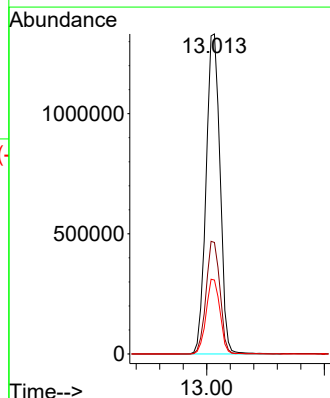
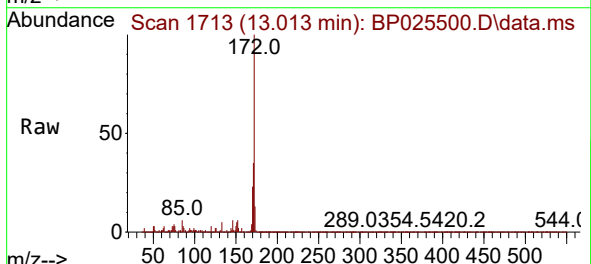
Instrument :
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11M-W

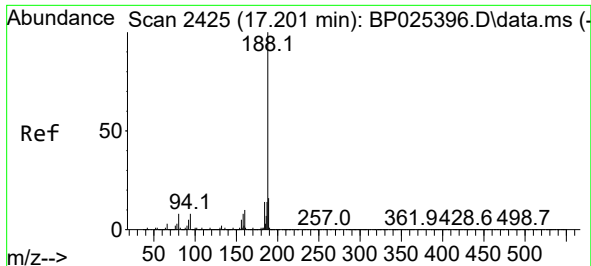
Tgt Ion:330 Resp: 746280
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 35.2 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 70.505 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025500.D
Acq: 20 Aug 2025 08:38

Tgt Ion:172 Resp: 2195196
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.1 18.6 28.0

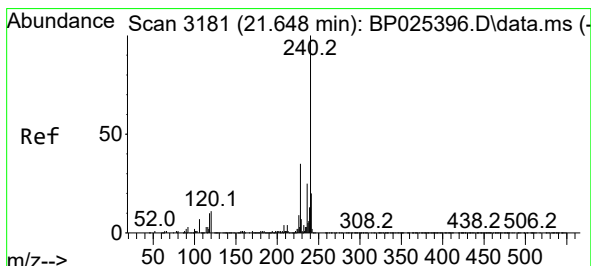
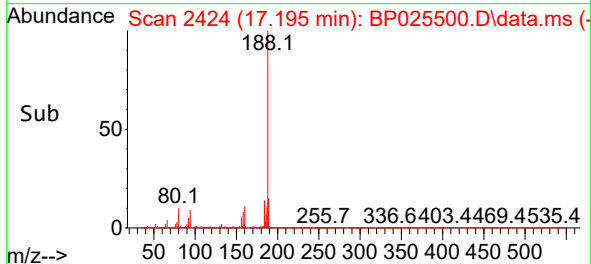
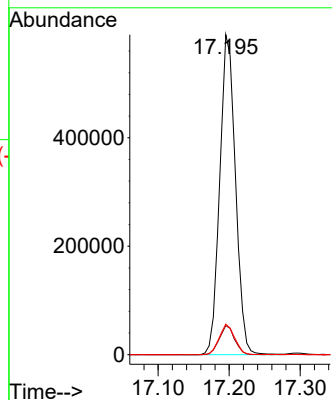
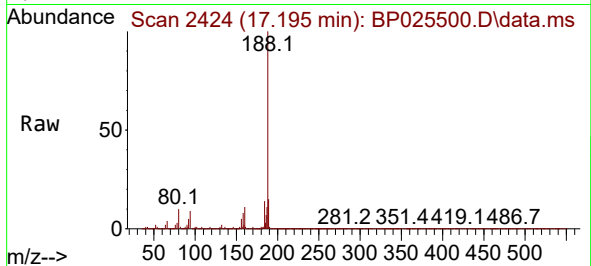




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BP025500.D
Acq: 20 Aug 2025 08:38

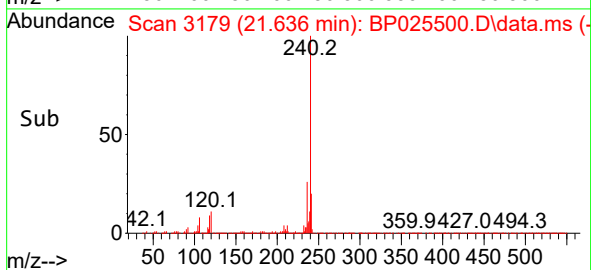
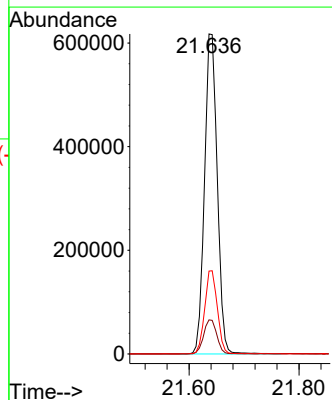
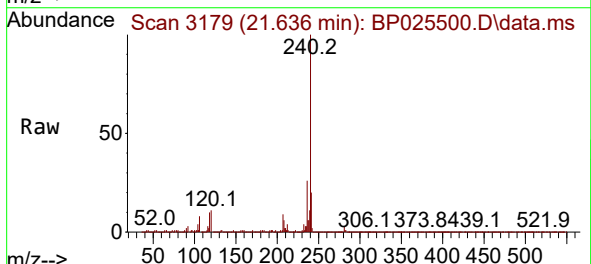
Instrument :
BNA_P
ClientSampleId :
11M-W

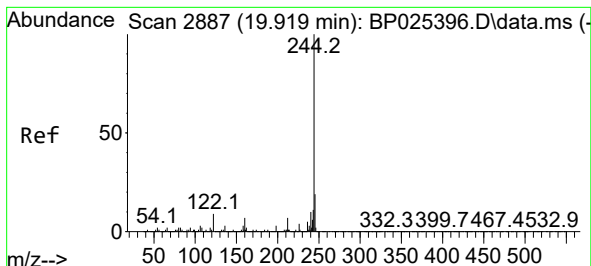
Tgt Ion:188 Resp: 904666
Ion Ratio Lower Upper
188 100
94 9.1 6.6 10.0
80 9.5 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BP025500.D
Acq: 20 Aug 2025 08:38

Tgt Ion:240 Resp: 991814
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 25.9 19.8 29.8





#79

Terphenyl-d14

Concen: 70.098 ng

RT: 19.919 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025500.D

Acq: 20 Aug 2025 08:38

Instrument :

BNA_P

ClientSampleId :

11M-W

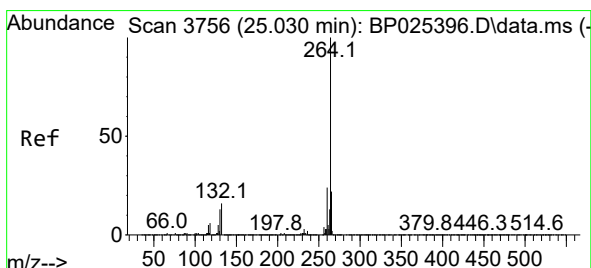
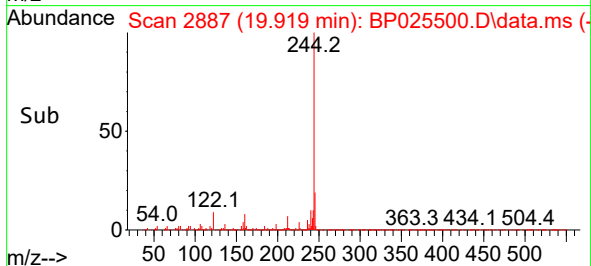
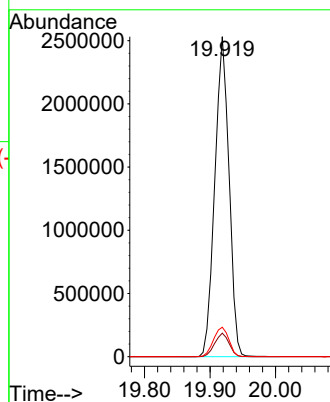
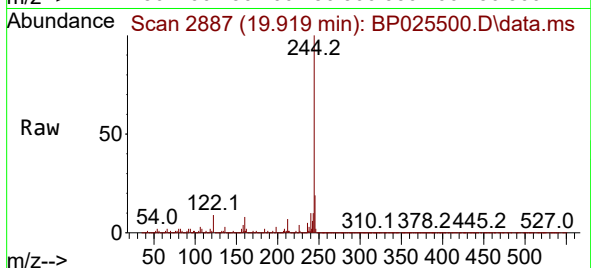
Tgt Ion:244 Resp: 3800019

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 9.2 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.007 min Scan# 3752

Delta R.T. -0.023 min

Lab File: BP025500.D

Acq: 20 Aug 2025 08:38

Tgt Ion:264 Resp: 1041809

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 21.8 17.4 26.0

