

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
 Data File : BP025476.D
 Acq On : 19 Aug 2025 14:51
 Operator : CG/JU
 Sample : Q2815-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-11M-W

Quant Time: Aug 19 15:14:17 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	148632	20.000	ng	0.00
21) Naphthalene-d8	10.555	136	590183	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	418235	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	940535	20.000	ng	0.00
76) Chrysene-d12	21.648	240	1068313	20.000	ng	0.00
86) Perylene-d12	25.024	264	1139629	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	846311	94.560	ng	0.00
7) Phenol-d6	6.966	99	779784	67.957	ng	0.00
23) Nitrobenzene-d5	8.925	82	1156453	99.121	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	963889	171.222	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2709907	88.553	ng	0.00
79) Terphenyl-d14	19.925	244	5372879	92.015	ng	0.00

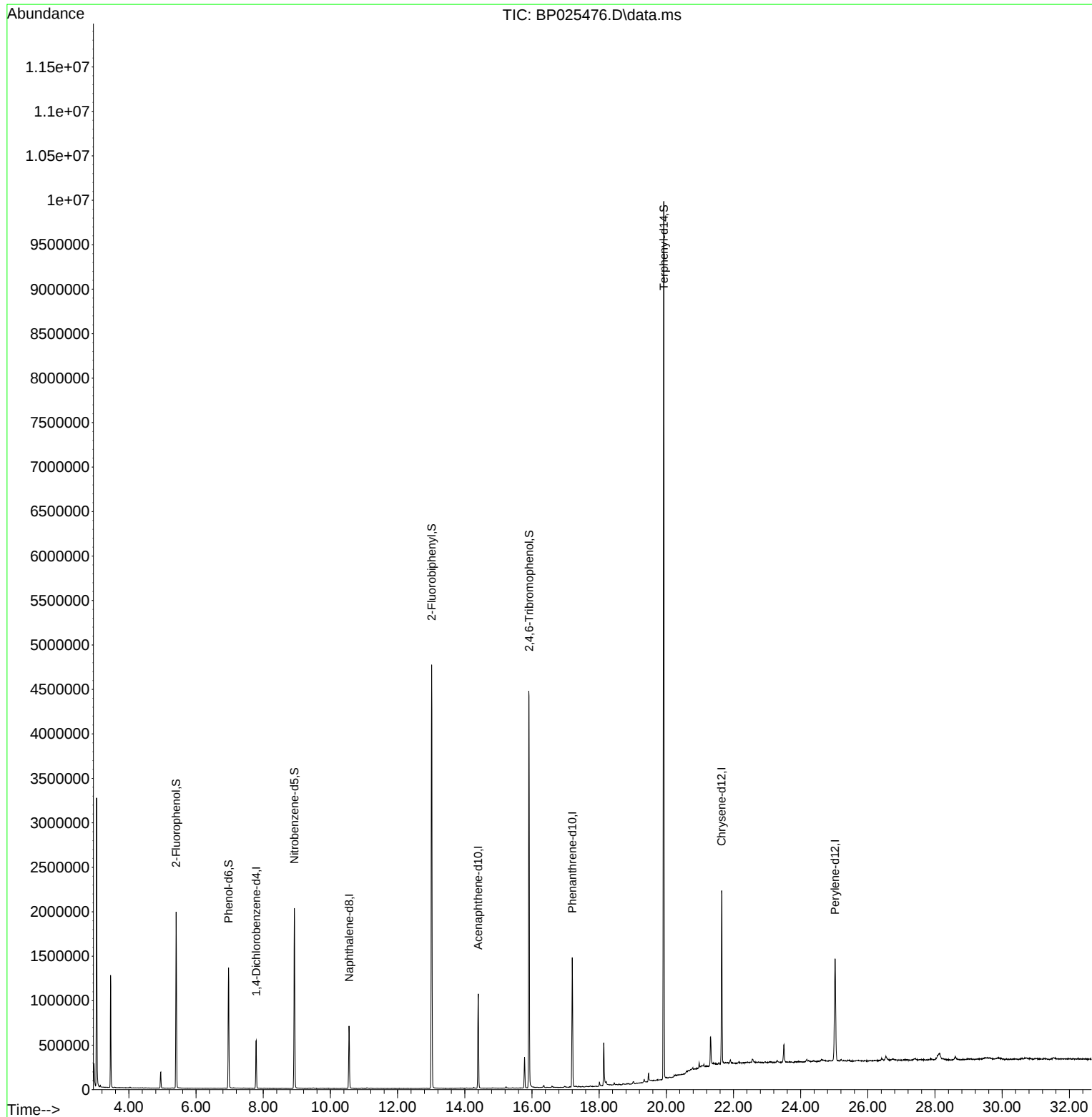
Target Compounds	Qvalue

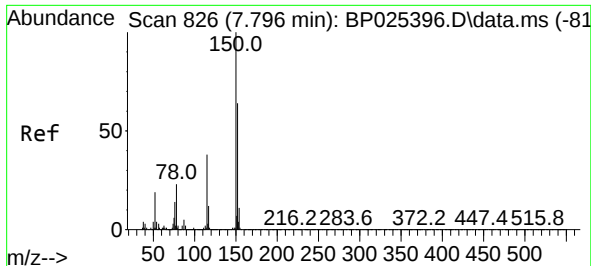
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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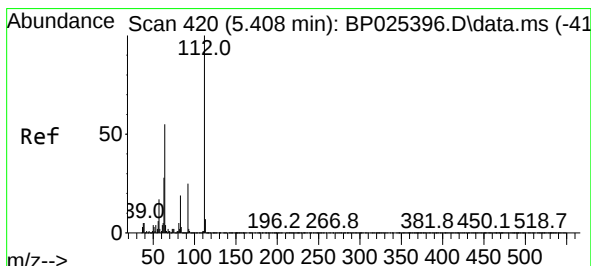
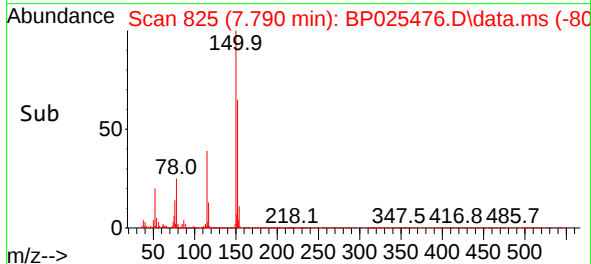
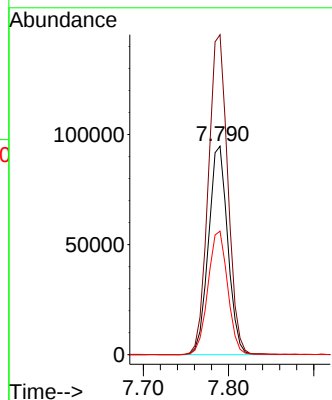
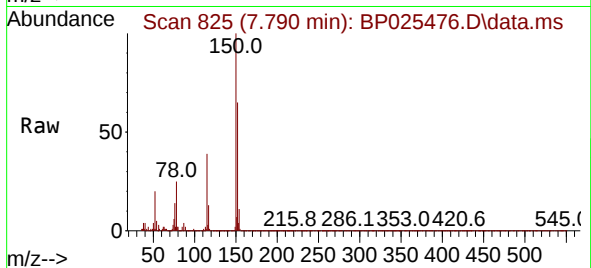




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025476.D
Acq: 19 Aug 2025 14:51

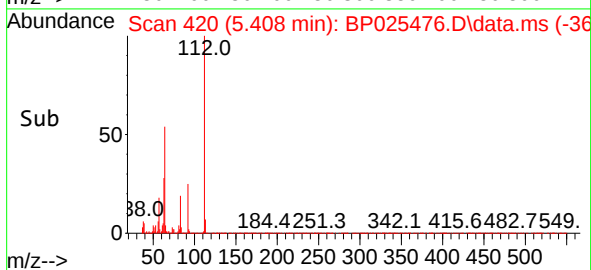
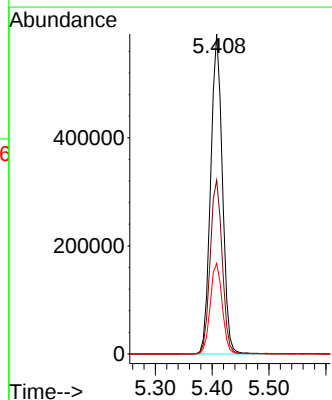
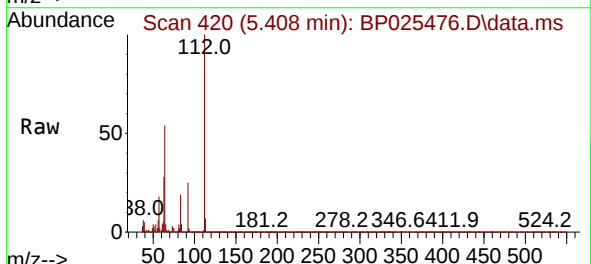
Instrument :
BNA_P
ClientSampleId :
TW-11M-W

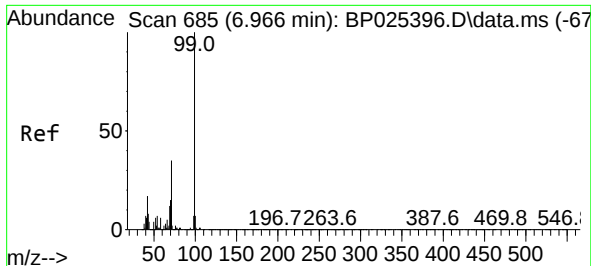
Tgt Ion:152 Resp: 148632
Ion Ratio Lower Upper
152 100
150 153.5 125.9 188.9
115 59.2 48.5 72.7



#5
2-Fluorophenol
Concen: 94.560 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025476.D
Acq: 19 Aug 2025 14:51

Tgt Ion:112 Resp: 846311
Ion Ratio Lower Upper
112 100
64 54.3 43.8 65.8
63 28.3 22.7 34.1



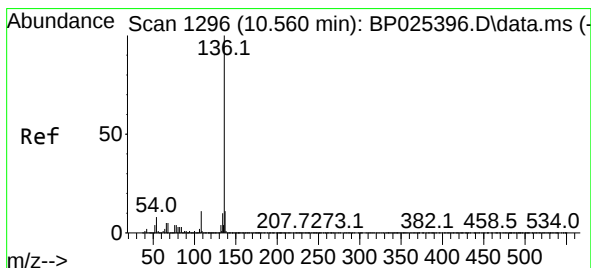
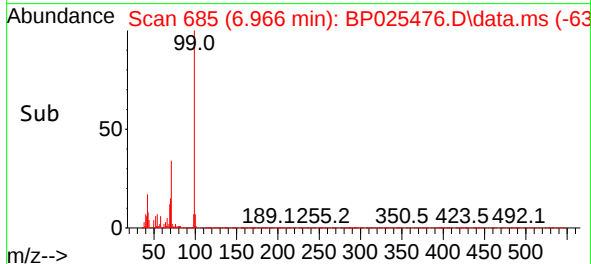
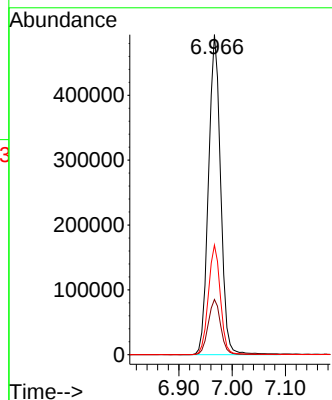
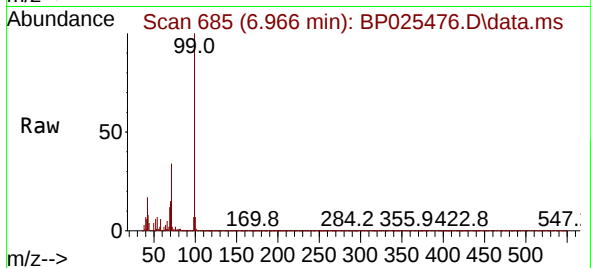


#7
Phenol-d6
Concen: 67.957 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025476.D
Acq: 19 Aug 2025 14:51

Instrument :
BNA_P
ClientSampleId :
TW-11M-W

Tgt Ion: 99 Resp: 779784

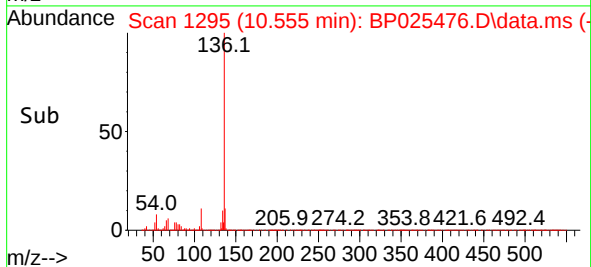
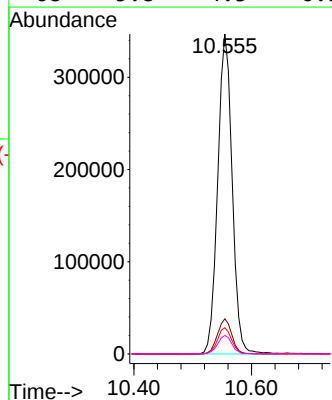
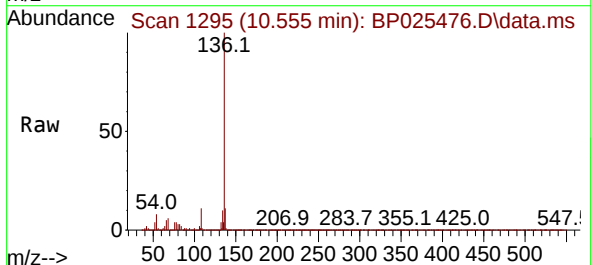
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.7	20.5
71	34.2	28.2	42.4

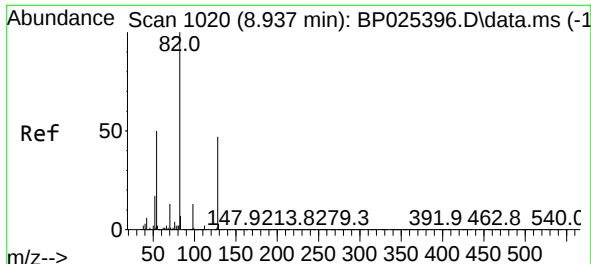


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.555 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025476.D
Acq: 19 Aug 2025 14:51

Tgt Ion: 136 Resp: 590183

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	8.2	6.0	9.0
68	5.8	4.3	6.5

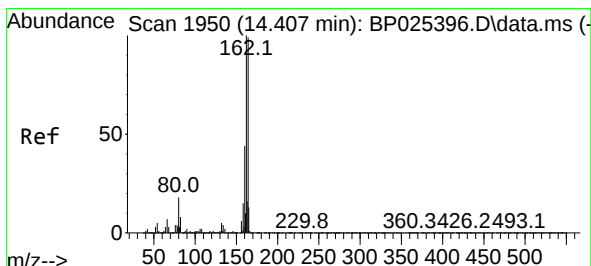
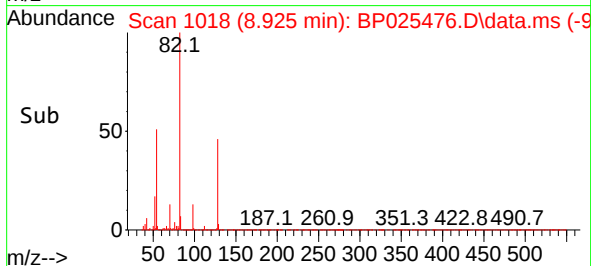
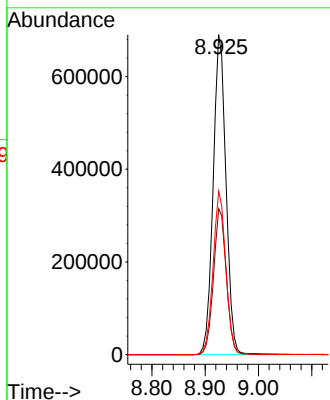
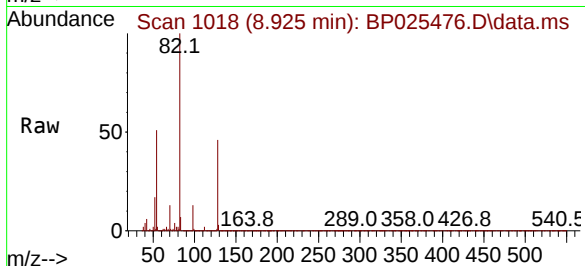




#23
Nitrobenzene-d5
Concen: 99.121 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025476.D
Acq: 19 Aug 2025 14:51

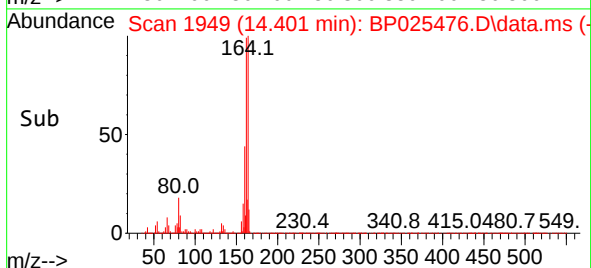
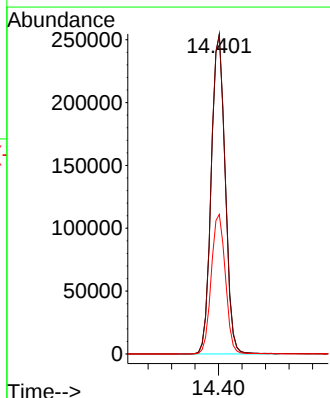
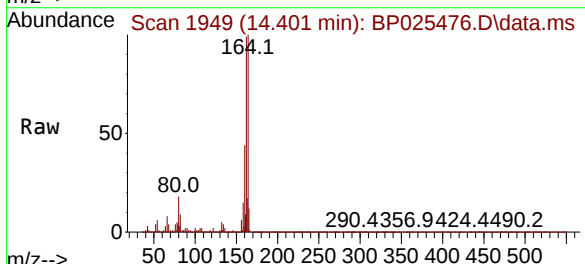
Instrument :
BNA_P
ClientSampleId :
TW-11M-W

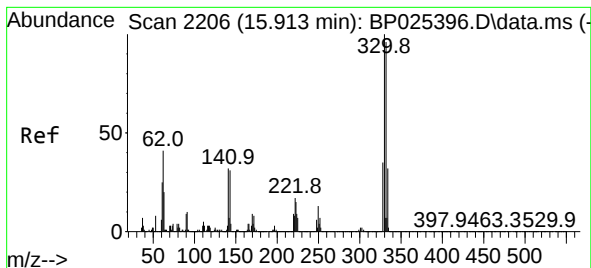
Tgt Ion: 82 Resp: 1156453
Ion Ratio Lower Upper
82 100
128 45.6 37.7 56.5
54 51.1 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025476.D
Acq: 19 Aug 2025 14:51

Tgt Ion:164 Resp: 418235
Ion Ratio Lower Upper
164 100
162 99.4 81.0 121.6
160 43.6 35.4 53.2

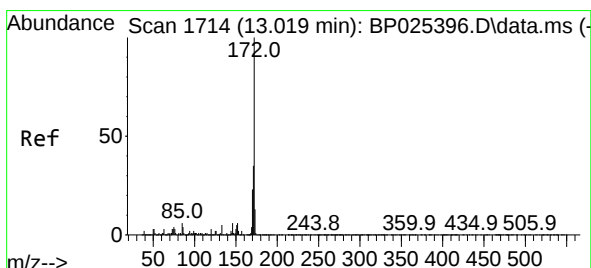
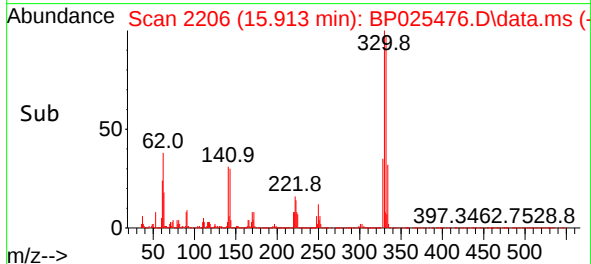
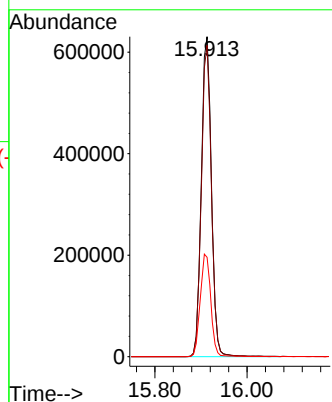
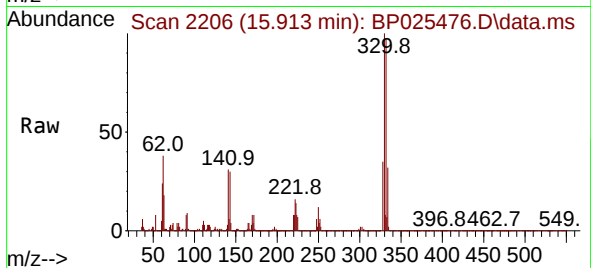




#42
2,4,6-Tribromophenol
Concen: 171.222 ng
RT: 15.913 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025476.D
Acq: 19 Aug 2025 14:51

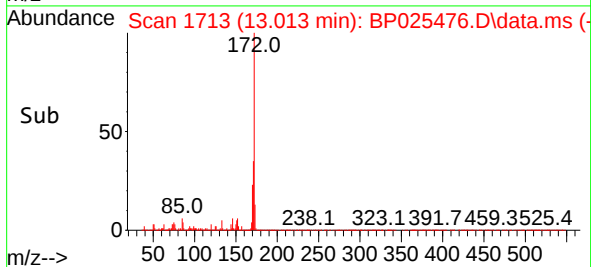
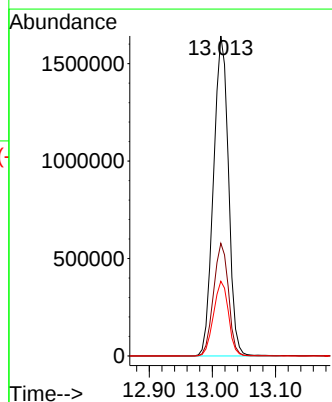
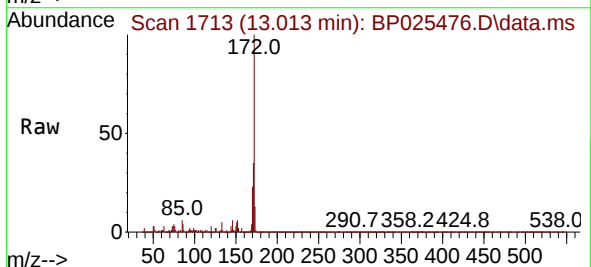
Instrument :
BNA_P
ClientSampleId :
TW-11M-W

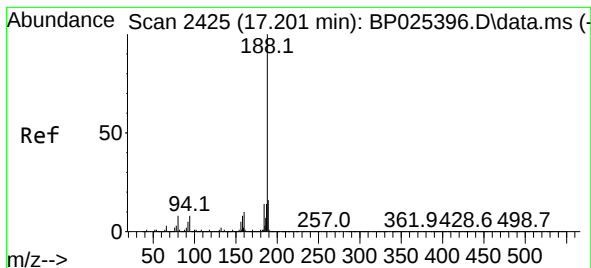
Tgt Ion:330 Resp: 963889
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 33.4 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 88.553 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025476.D
Acq: 19 Aug 2025 14:51

Tgt Ion:172 Resp: 2709907
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.4 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: BP025476.D

Acq: 19 Aug 2025 14:51

Instrument :

BNA_P

ClientSampleId :

TW-11M-W

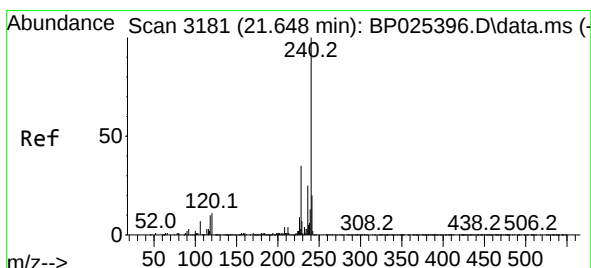
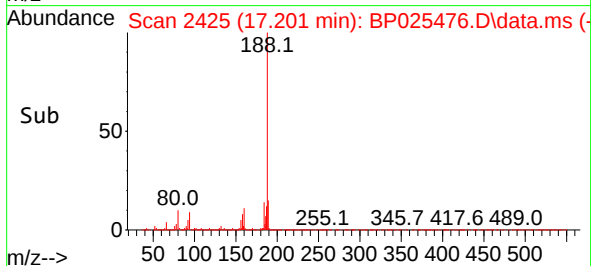
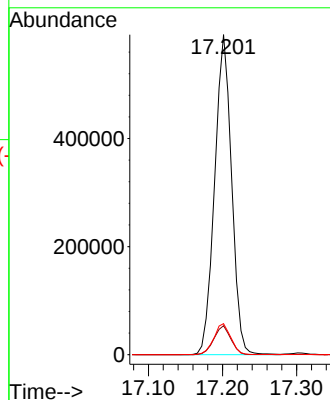
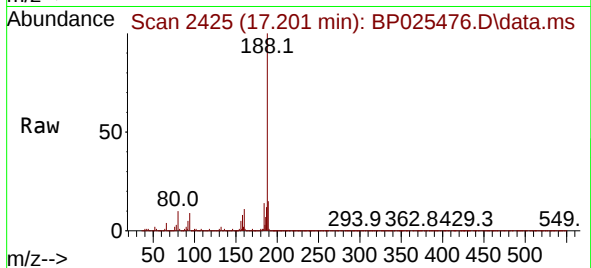
Tgt Ion:188 Resp: 940535

Ion Ratio Lower Upper

188 100

94 9.1 6.6 10.0

80 9.7 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: BP025476.D

Acq: 19 Aug 2025 14:51

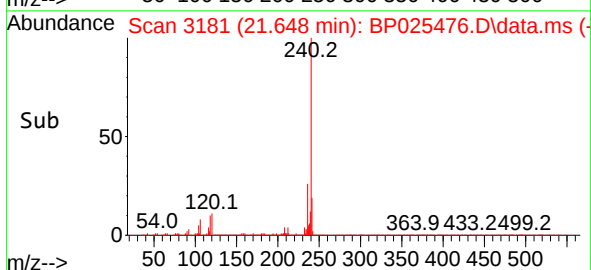
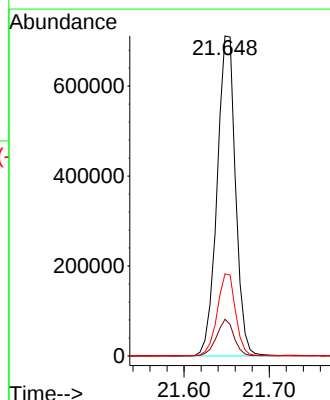
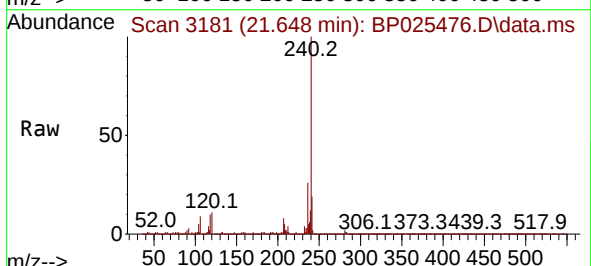
Tgt Ion:240 Resp: 1068313

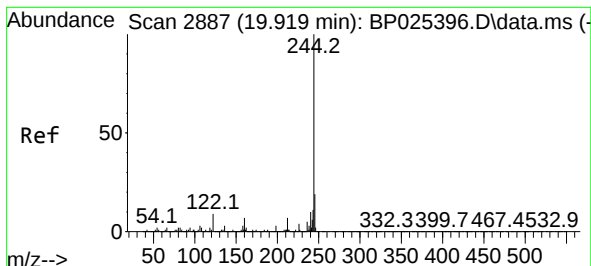
Ion Ratio Lower Upper

240 100

120 11.5 8.9 13.3

236 25.7 19.8 29.8





#79

Terphenyl-d14

Concen: 92.015 ng

RT: 19.925 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025476.D

Acq: 19 Aug 2025 14:51

Instrument :

BNA_P

ClientSampleId :

TW-11M-W

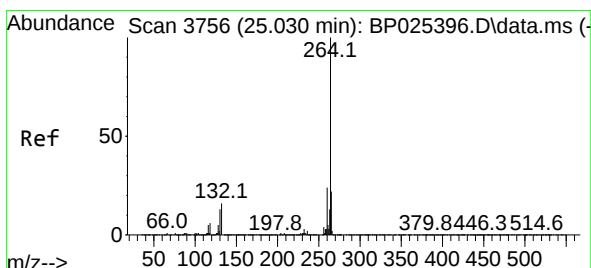
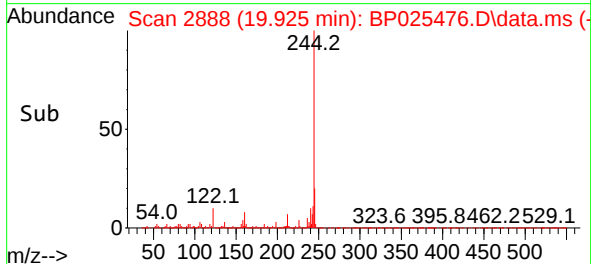
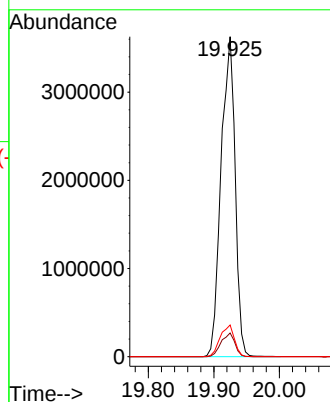
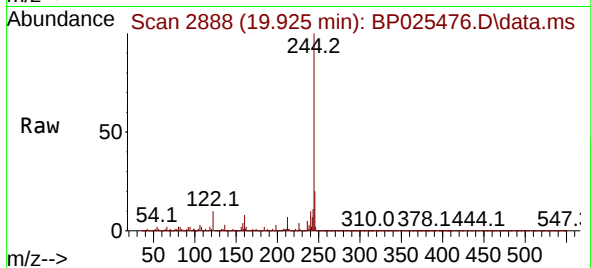
Tgt Ion:244 Resp: 5372879

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 9.9 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.024 min Scan# 3755

Delta R.T. -0.006 min

Lab File: BP025476.D

Acq: 19 Aug 2025 14:51

Tgt Ion:264 Resp: 1139629

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 22.1 17.4 26.0

