

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
 Data File : BP025483.D
 Acq On : 19 Aug 2025 19:39
 Operator : CG/JU
 Sample : Q2815-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-22M-E

Quant Time: Aug 20 02:25:06 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	7.790	152	189806	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	753920	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	487293	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	1006081	20.000	ng	# 0.00
76) Chrysene-d12	21.642	240	1046082	20.000	ng	0.00
86) Perylene-d12	25.024	264	1169210	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	204557	17.898	ng	0.00
7) Phenol-d6	6.966	99	94002	6.415	ng	0.00
23) Nitrobenzene-d5	8.931	82	392287	26.321	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	138218	21.073	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	966417	27.105	ng	0.00
79) Terphenyl-d14	19.919	244	1729007	30.240	ng	0.00

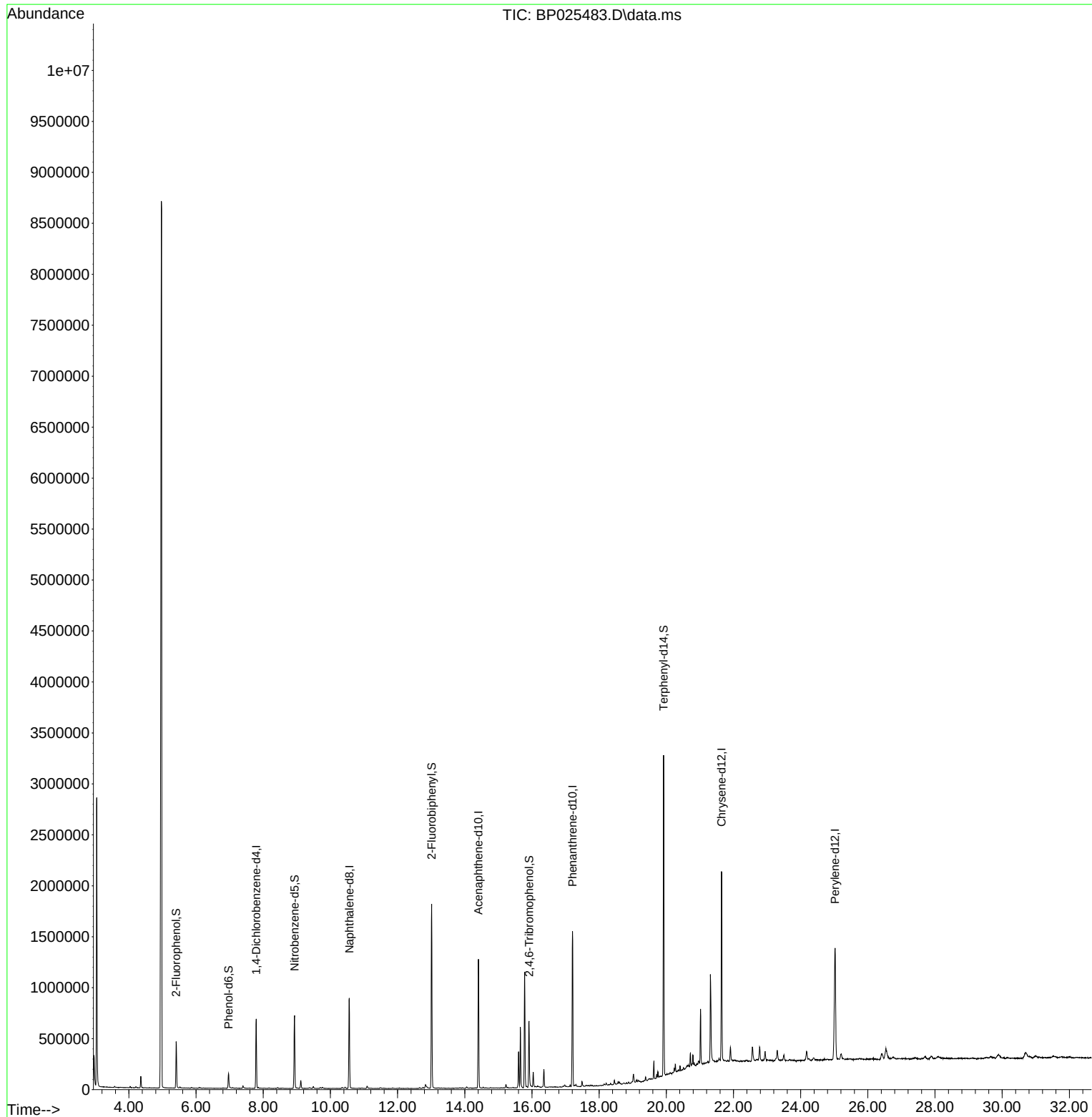
Target Compounds	Qvalue

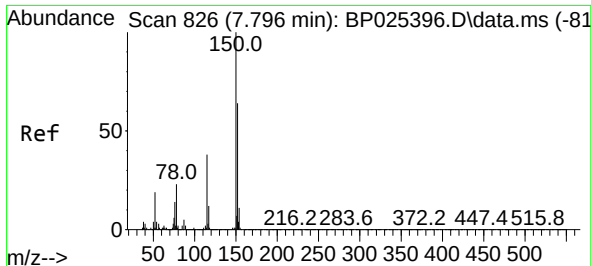
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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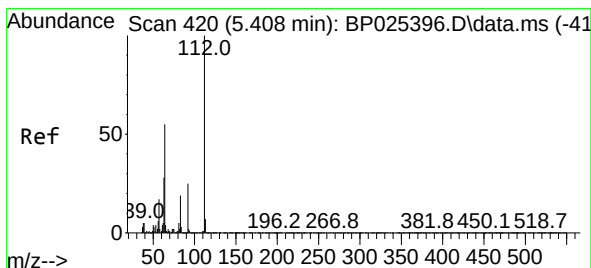
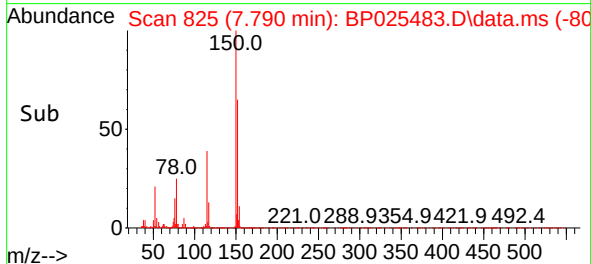
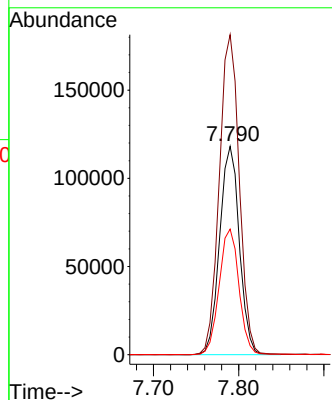
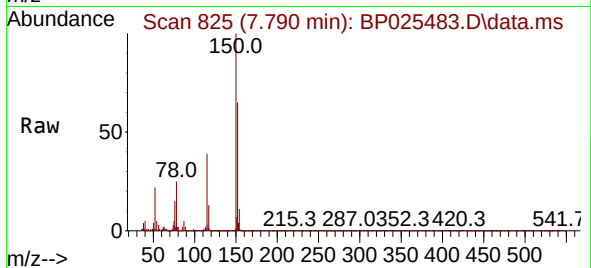




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.790 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025483.D
 Acq: 19 Aug 2025 19:39

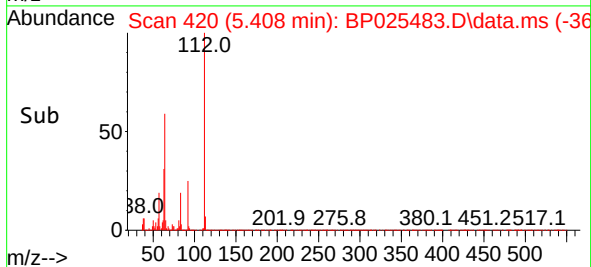
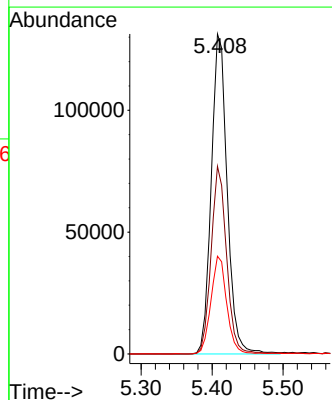
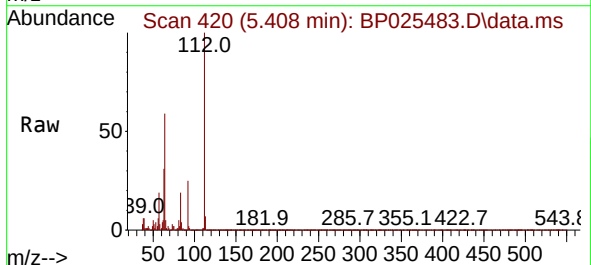
Instrument :
 BNA_P
 ClientSampleId :
 TW-22M-E

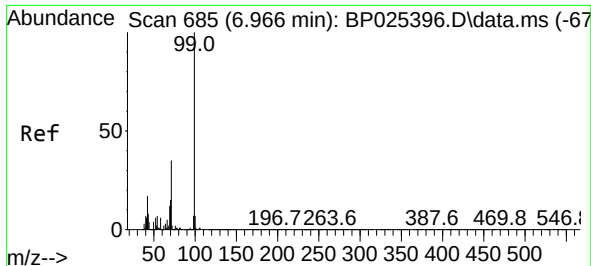
Tgt Ion:152 Resp: 189806
 Ion Ratio Lower Upper
 152 100
 150 153.6 125.9 188.9
 115 60.3 48.5 72.7



#5
 2-Fluorophenol
 Concen: 17.898 ng
 RT: 5.408 min Scan# 420
 Delta R.T. 0.000 min
 Lab File: BP025483.D
 Acq: 19 Aug 2025 19:39

Tgt Ion:112 Resp: 204557
 Ion Ratio Lower Upper
 112 100
 64 58.6 43.8 65.8
 63 30.5 22.7 34.1

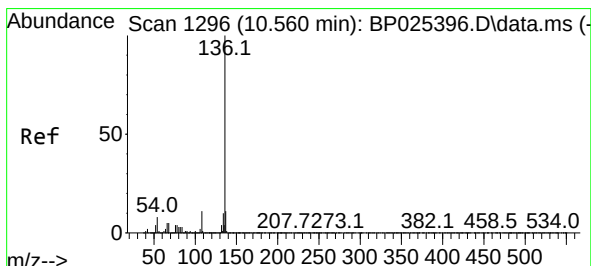
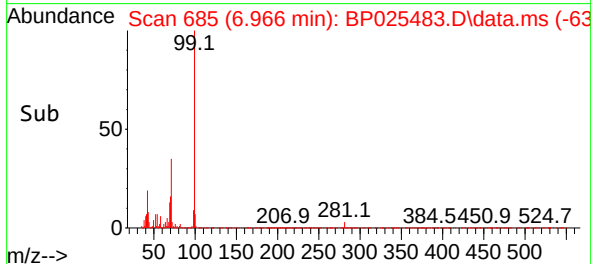
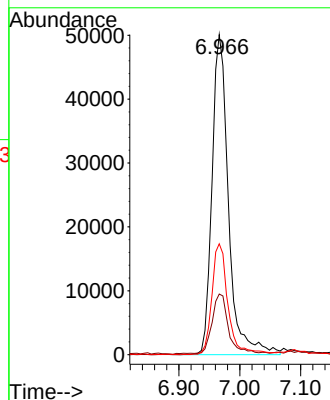
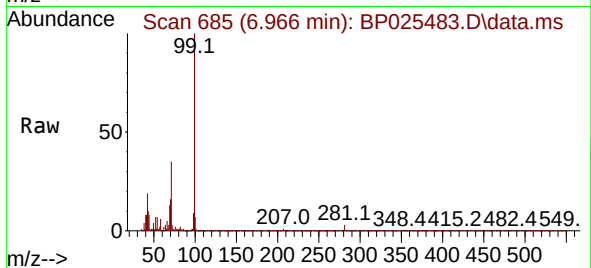




#7
Phenol-d6
Concen: 6.415 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025483.D
Acq: 19 Aug 2025 19:39

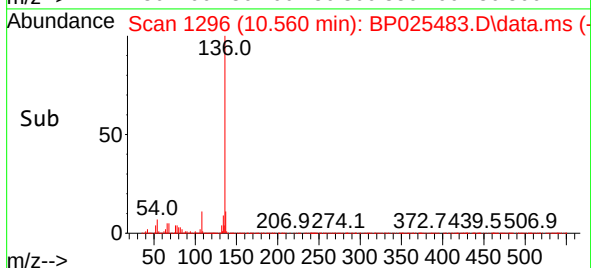
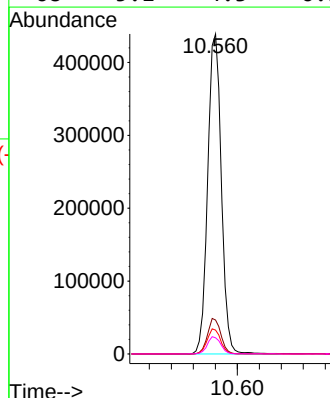
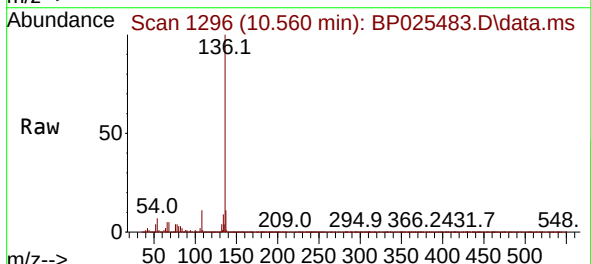
Instrument :
BNA_P
ClientSampleId :
TW-22M-E

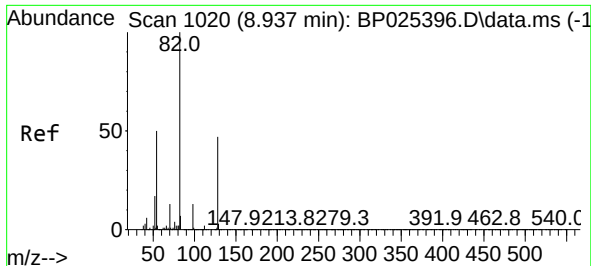
Tgt Ion:	99	Resp:	94002
Ion	Ratio	Lower	Upper
99	100		
42	19.0	13.7	20.5
71	34.7	28.2	42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025483.D
Acq: 19 Aug 2025 19:39

Tgt Ion:	136	Resp:	753920
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.4	6.0	9.0
68	5.1	4.3	6.5

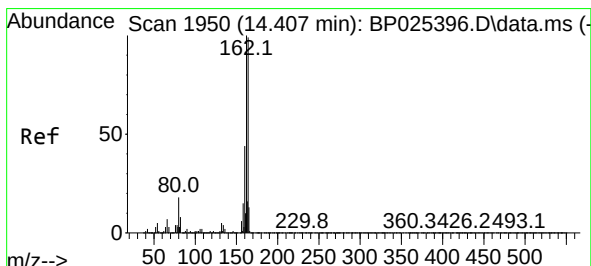
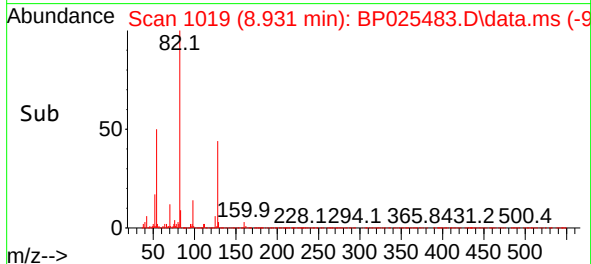
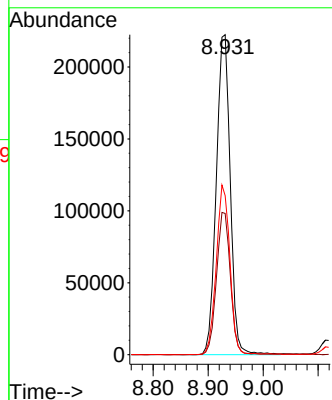
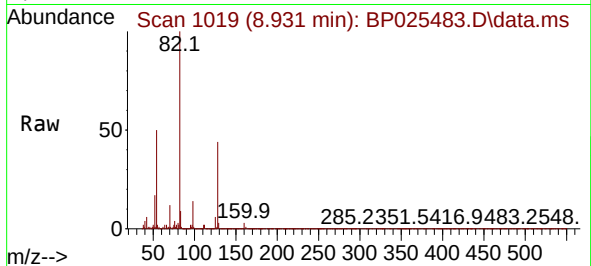




#23
 Nitrobenzene-d5
 Concen: 26.321 ng
 RT: 8.931 min Scan# 1019
 Delta R.T. -0.006 min
 Lab File: BP025483.D
 Acq: 19 Aug 2025 19:39

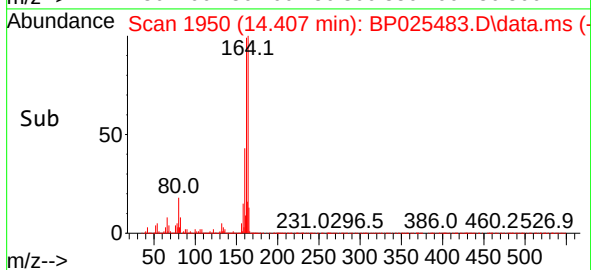
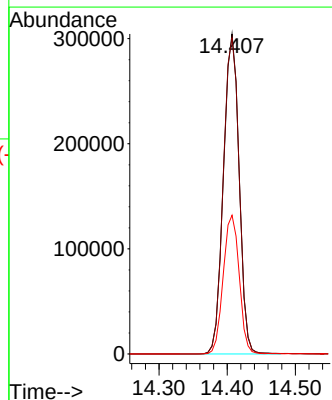
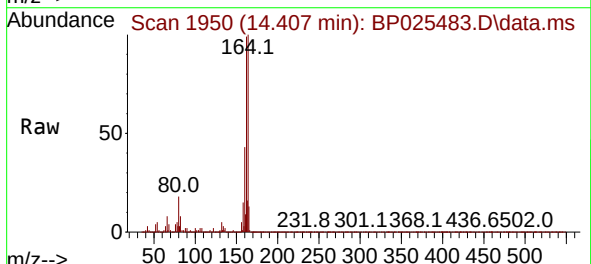
Instrument :
 BNA_P
 ClientSampleId :
 TW-22M-E

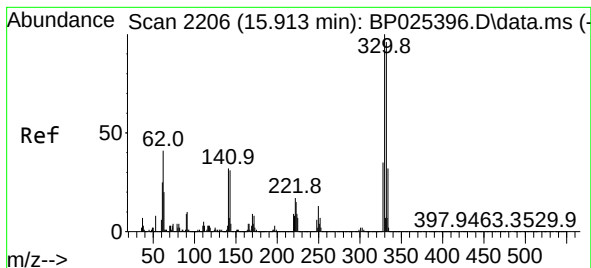
Tgt Ion: 82 Resp: 392287
 Ion Ratio Lower Upper
 82 100
 128 44.1 37.7 56.5
 54 49.7 39.8 59.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.407 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: BP025483.D
 Acq: 19 Aug 2025 19:39

Tgt Ion:164 Resp: 487293
 Ion Ratio Lower Upper
 164 100
 162 98.8 81.0 121.6
 160 43.3 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 21.073 ng

RT: 15.913 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025483.D

Acq: 19 Aug 2025 19:39

Instrument :

BNA_P

ClientSampleId :

TW-22M-E

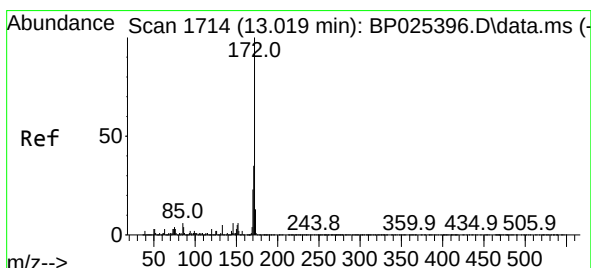
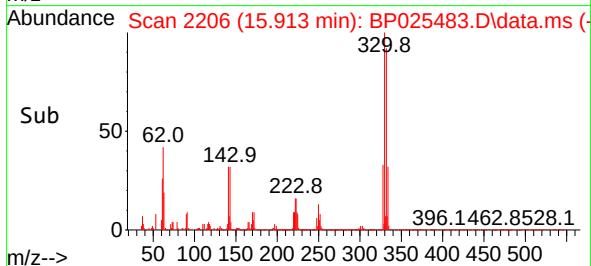
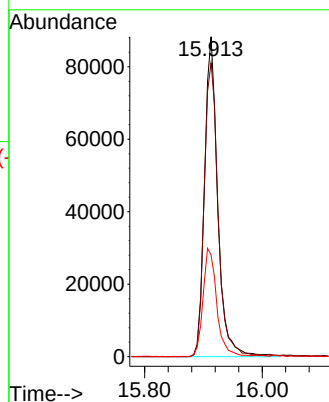
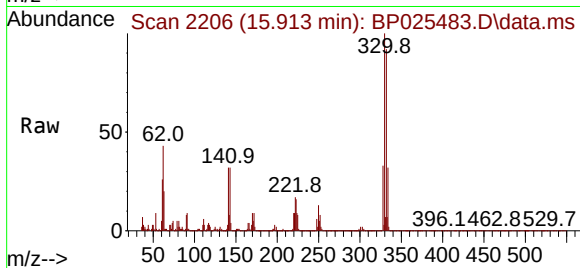
Tgt Ion:330 Resp: 138218

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

141 35.0 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 27.105 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025483.D

Acq: 19 Aug 2025 19:39

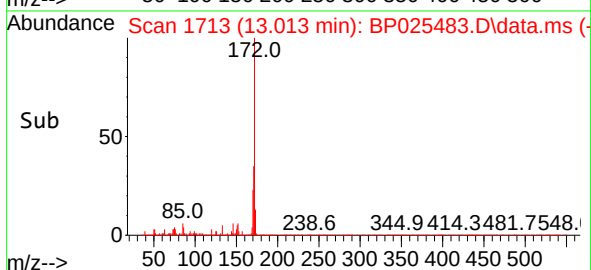
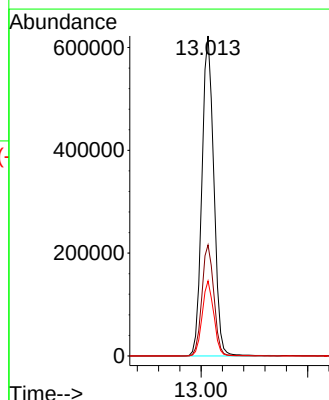
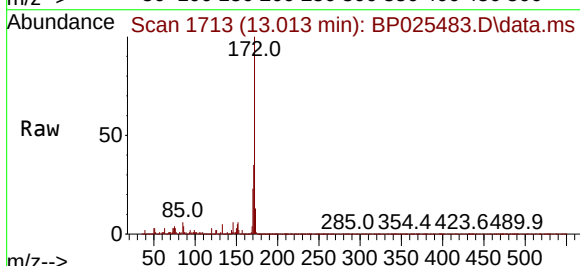
Tgt Ion:172 Resp: 966417

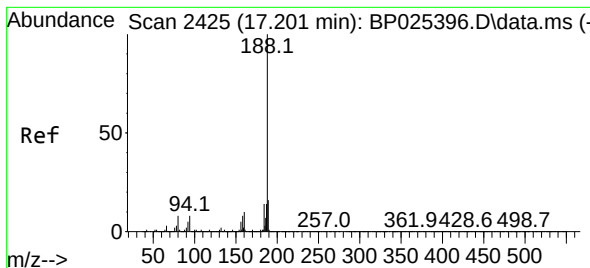
Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 23.5 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.207 min Scan# 2425

Delta R.T. 0.006 min

Lab File: BP025483.D

Acq: 19 Aug 2025 19:39

Instrument :

BNA_P

ClientSampleId :

TW-22M-E

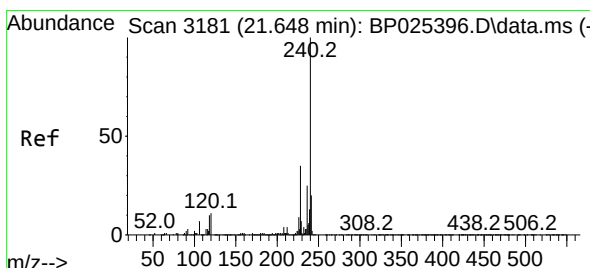
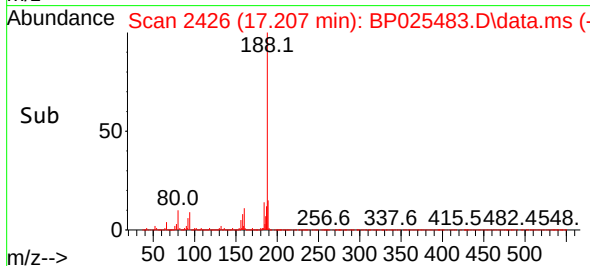
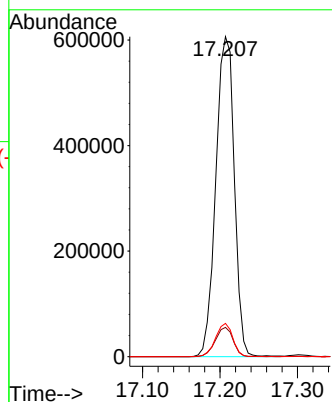
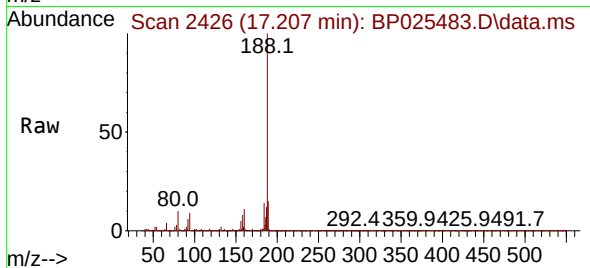
Tgt Ion:188 Resp: 1006081

Ion Ratio Lower Upper

188 100

94 9.2 6.6 10.0

80 10.4 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: BP025483.D

Acq: 19 Aug 2025 19:39

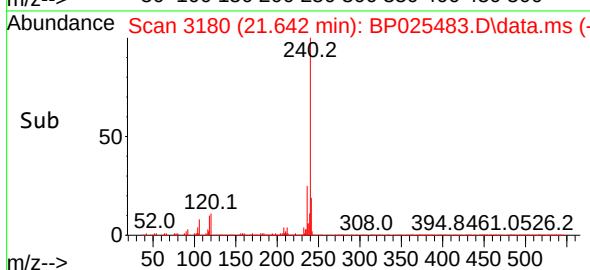
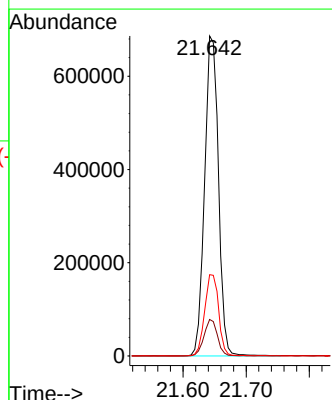
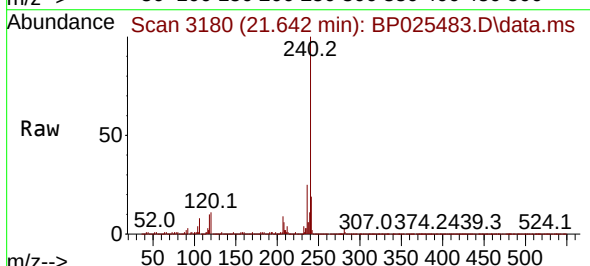
Tgt Ion:240 Resp: 1046082

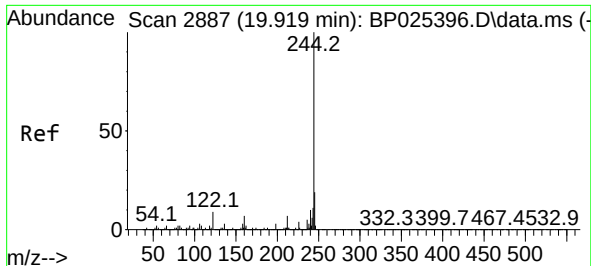
Ion Ratio Lower Upper

240 100

120 11.4 8.9 13.3

236 25.4 19.8 29.8

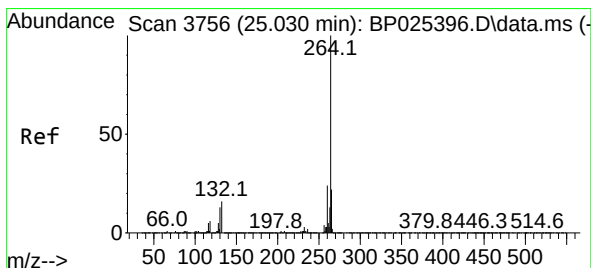
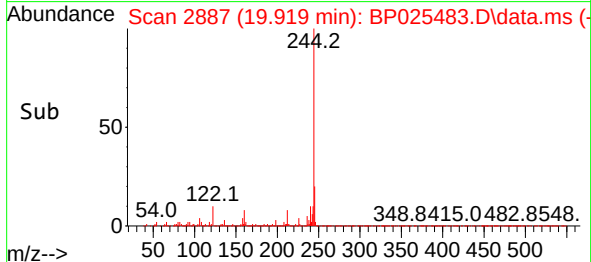
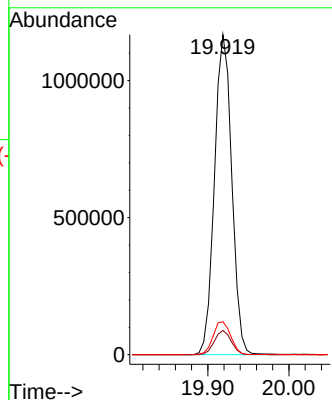
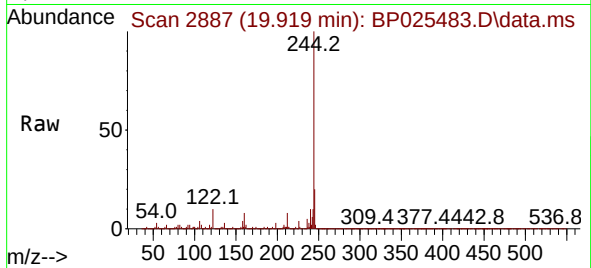




#79
 Terphenyl-d14
 Concen: 30.240 ng
 RT: 19.919 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP025483.D
 Acq: 19 Aug 2025 19:39

Instrument :
 BNA_P
 ClientSampleId :
 TW-22M-E

Tgt Ion:244 Resp: 1729007
 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: 25.024 min Scan# 3755
 Delta R.T. -0.006 min
 Lab File: BP025483.D
 Acq: 19 Aug 2025 19:39

Tgt Ion:264 Resp: 1169210
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 21.7 17.4 26.0

