

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
 Data File : BP025588.D
 Acq On : 26 Aug 2025 16:37
 Operator : CG/JU
 Sample : Q2924-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-16A-082025

Quant Time: Aug 26 17:07:25 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	194953	20.000	ng	-0.02
21) Naphthalene-d8	10.549	136	750992	20.000	ng	-0.01
39) Acenaphthene-d10	14.389	164	492017	20.000	ng	-0.02
64) Phenanthrene-d10	17.195	188	1024755	20.000	ng	0.00
76) Chrysene-d12	21.642	240	1121355	20.000	ng	0.00
86) Perylene-d12	25.018	264	1313745	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	692540	58.994	ng	0.00
7) Phenol-d6	6.972	99	524828	34.871	ng	0.00
23) Nitrobenzene-d5	8.919	82	1247367	84.020	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	962973	145.407	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	2795592	77.654	ng	-0.02
79) Terphenyl-d14	19.913	244	4437417	72.400	ng	0.00

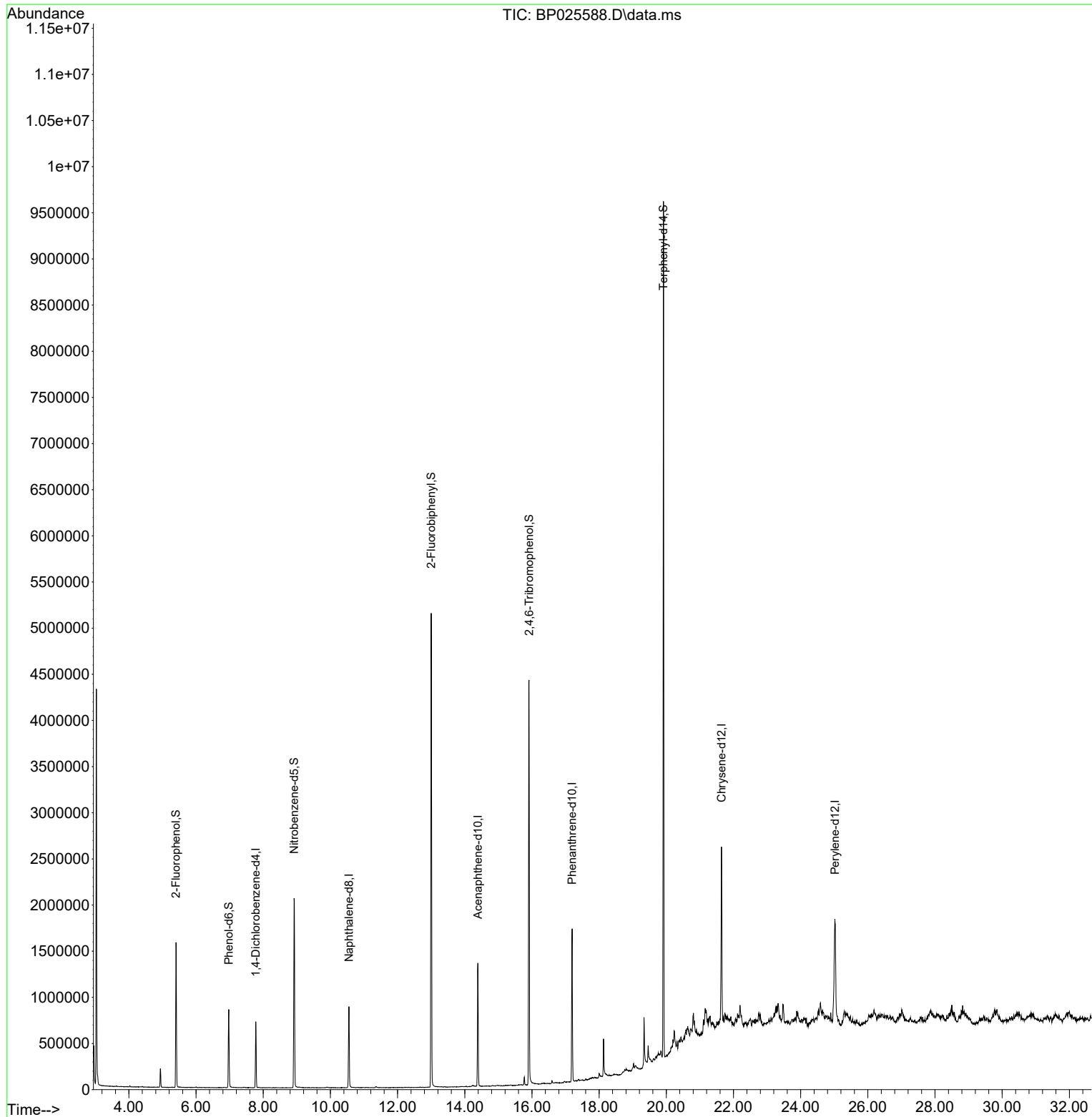
Target Compounds	Qvalue

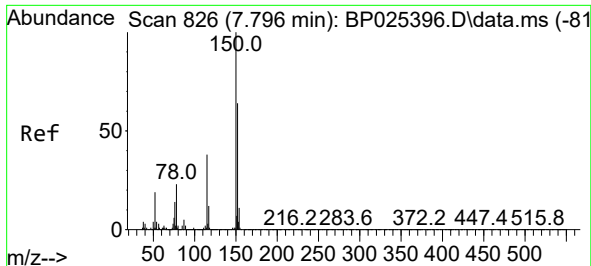
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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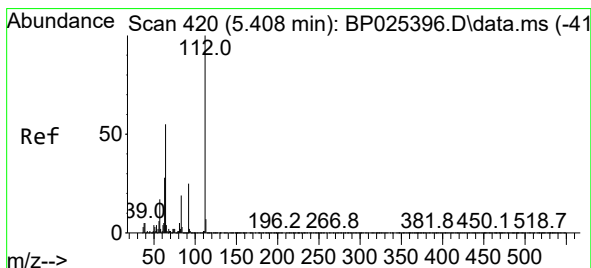
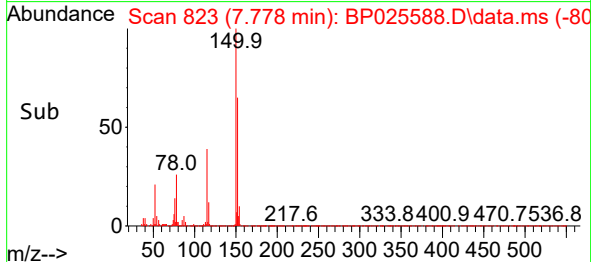
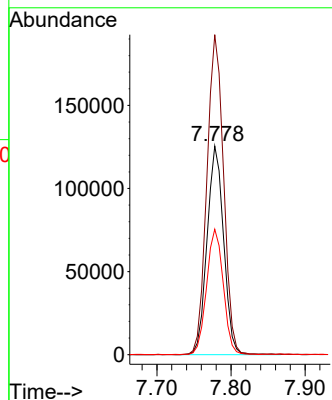
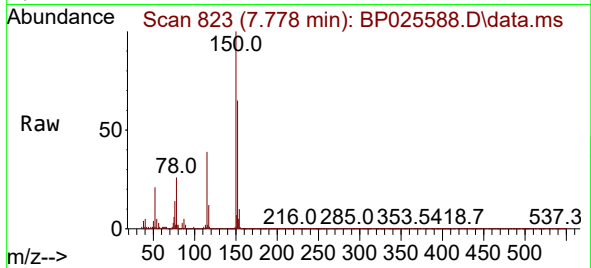




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025588.D
Acq: 26 Aug 2025 16:37

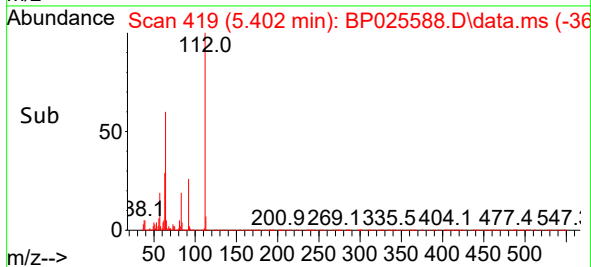
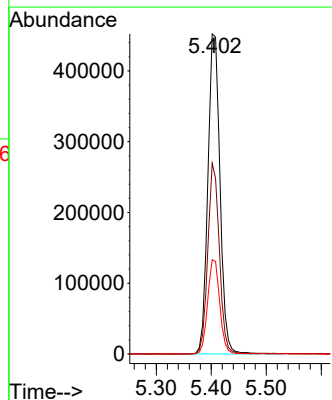
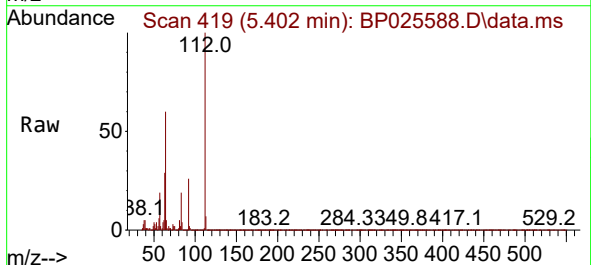
Instrument :
BNA_P
ClientSampleId :
MW-16A-082025

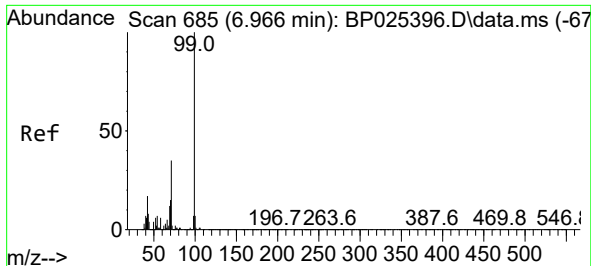
Tgt Ion:152 Resp: 194953
Ion Ratio Lower Upper
152 100
150 153.3 125.9 188.9
115 60.1 48.5 72.7



#5
2-Fluorophenol
Concen: 58.994 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025588.D
Acq: 26 Aug 2025 16:37

Tgt Ion:112 Resp: 692540
Ion Ratio Lower Upper
112 100
64 59.6 43.8 65.8
63 29.5 22.7 34.1

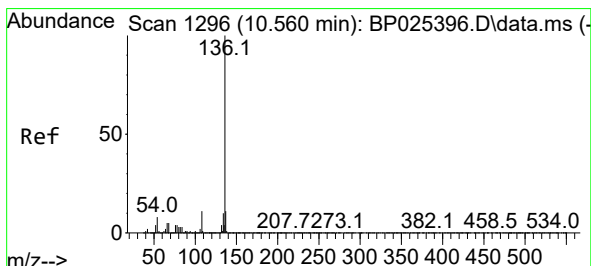
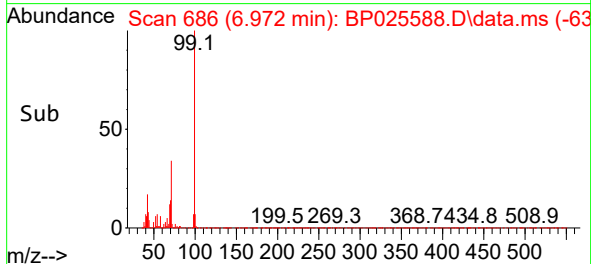
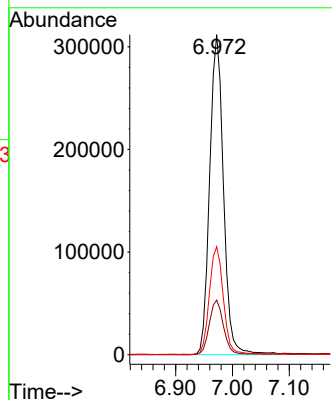
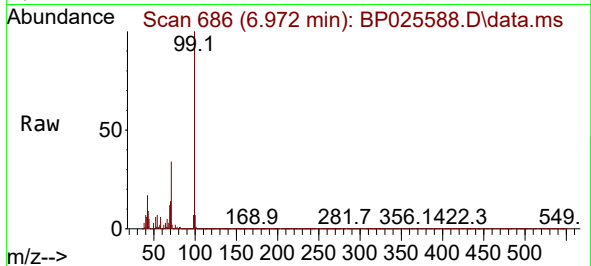




#7
Phenol-d6
Concen: 34.871 ng
RT: 6.972 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025588.D
Acq: 26 Aug 2025 16:37

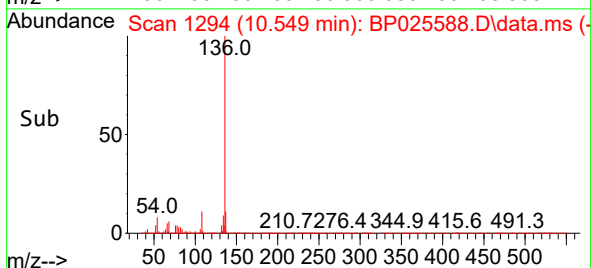
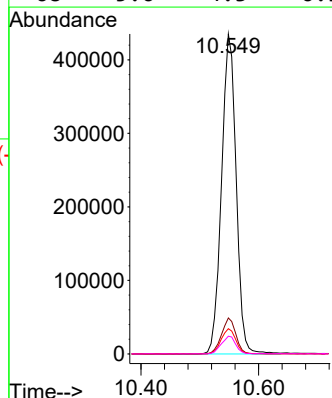
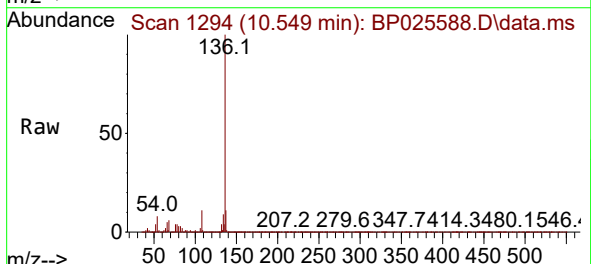
Instrument :
BNA_P
ClientSampleId :
MW-16A-082025

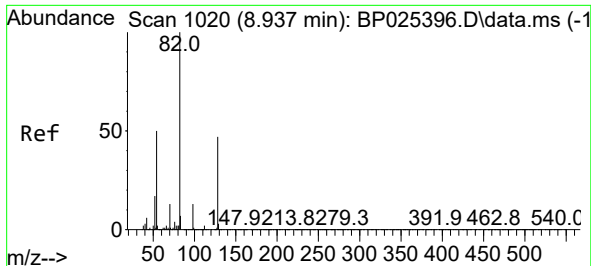
Tgt Ion: 99 Resp: 524828
Ion Ratio Lower Upper
99 100
42 17.1 13.7 20.5
71 33.7 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.549 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BP025588.D
Acq: 26 Aug 2025 16:37

Tgt Ion: 136 Resp: 750992
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 7.9 6.0 9.0
68 5.6 4.3 6.5

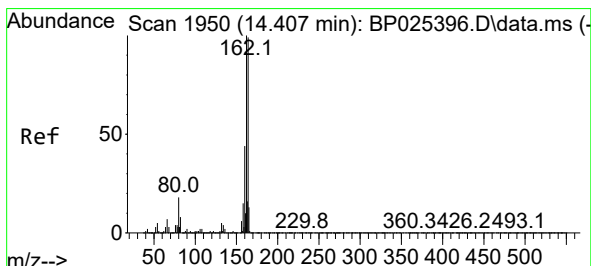
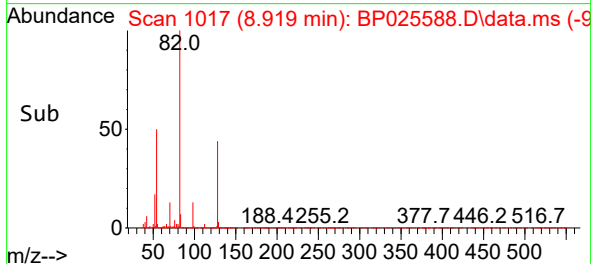
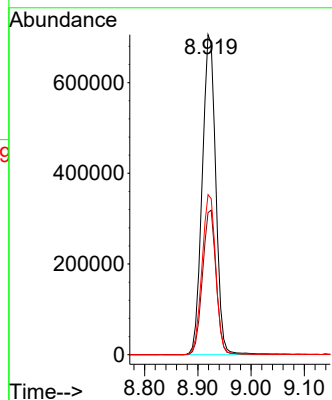
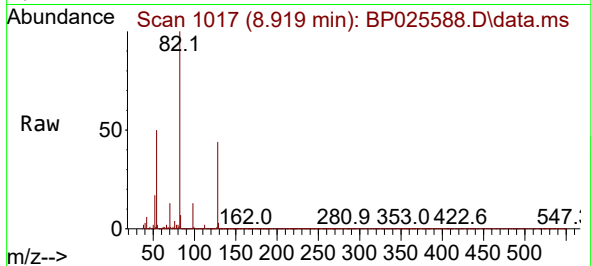




#23
Nitrobenzene-d5
Concen: 84.020 ng
RT: 8.919 min Scan# 1020
Delta R.T. -0.018 min
Lab File: BP025588.D
Acq: 26 Aug 2025 16:37

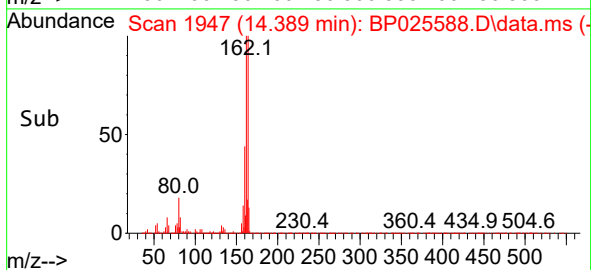
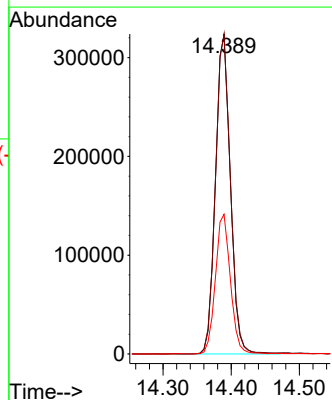
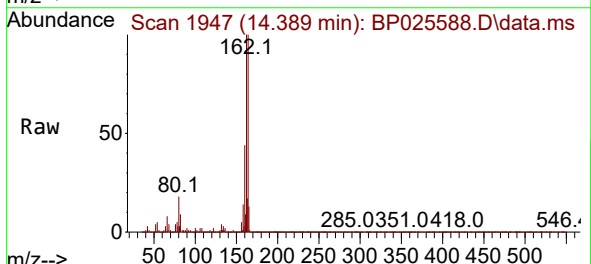
Instrument :
BNA_P
ClientSampleId :
MW-16A-082025

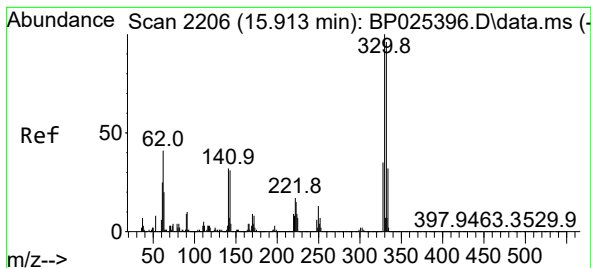
Tgt Ion: 82 Resp: 1247367
Ion Ratio Lower Upper
82 100
128 44.4 37.7 56.5
54 50.0 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025588.D
Acq: 26 Aug 2025 16:37

Tgt Ion:164 Resp: 492017
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.6
160 43.8 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 145.407 ng

RT: 15.913 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025588.D

Acq: 26 Aug 2025 16:37

Instrument :

BNA_P

ClientSampleId :

MW-16A-082025

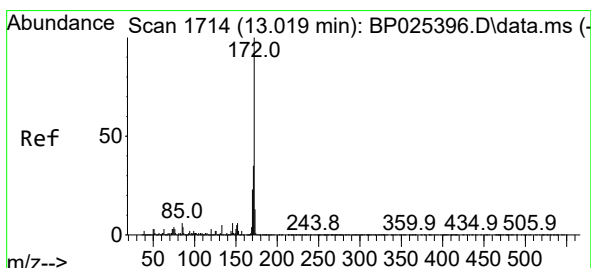
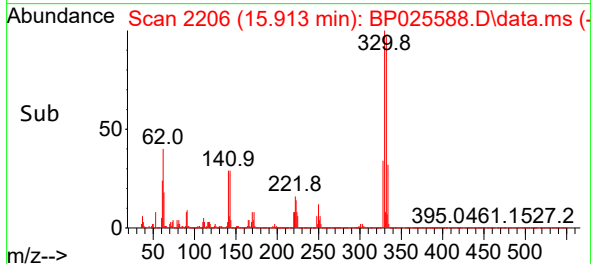
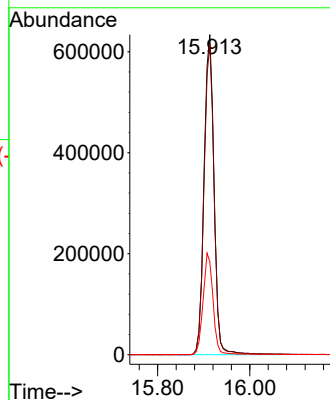
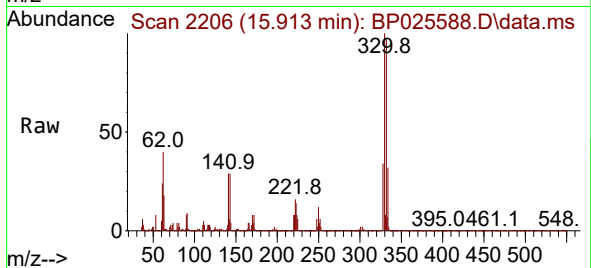
Tgt Ion:330 Resp: 962973

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

141 31.3 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 77.654 ng

RT: 13.001 min Scan# 1711

Delta R.T. -0.018 min

Lab File: BP025588.D

Acq: 26 Aug 2025 16:37

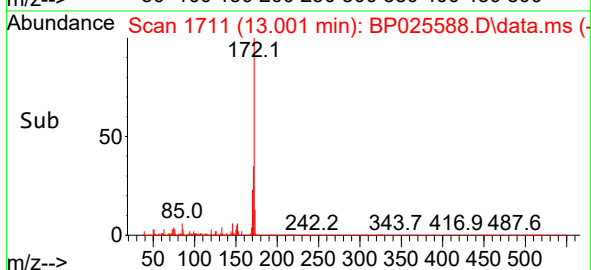
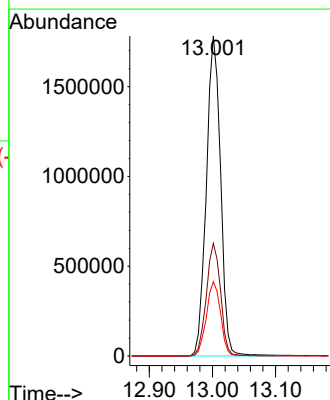
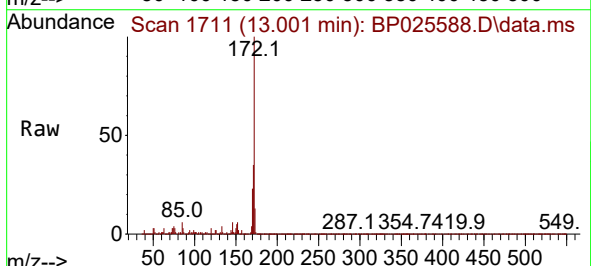
Tgt Ion:172 Resp: 2795592

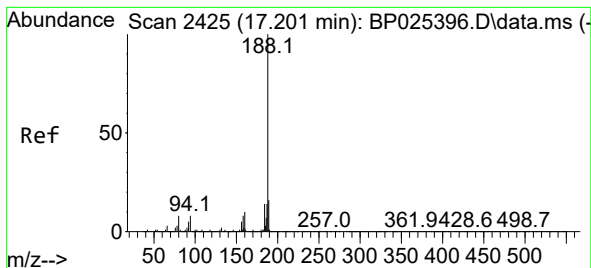
Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.2 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: BP025588.D

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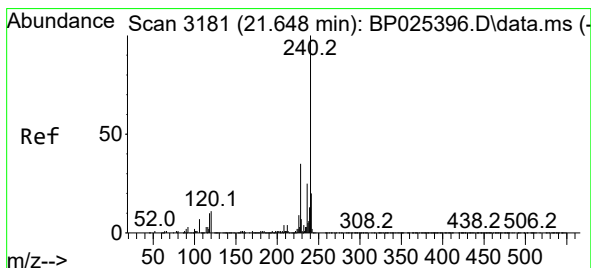
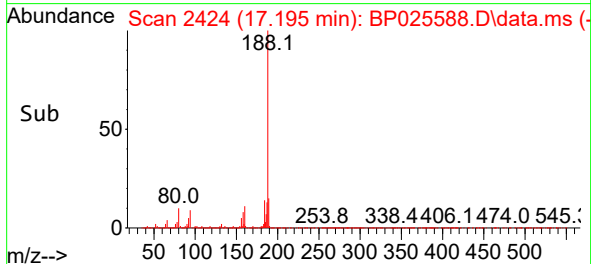
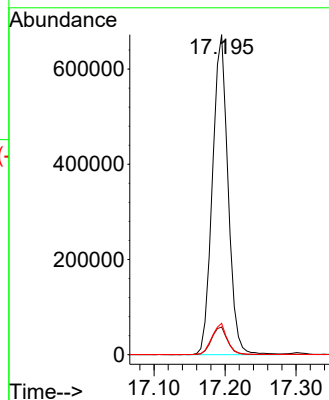
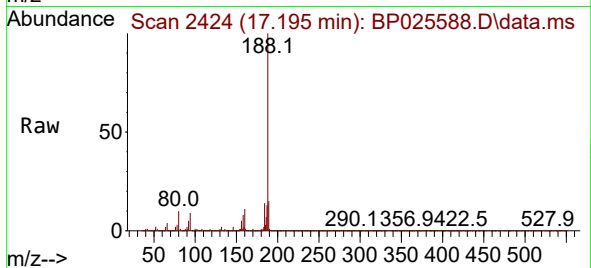
Tgt Ion:188 Resp: 1024755

Ion Ratio Lower Upper

188 100

94 8.6 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: BP025588.D

Acq: 26 Aug 2025 16:37

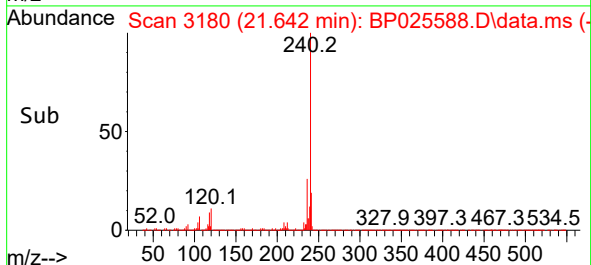
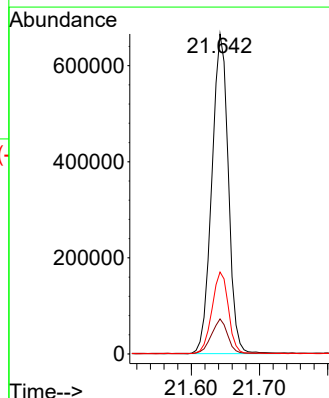
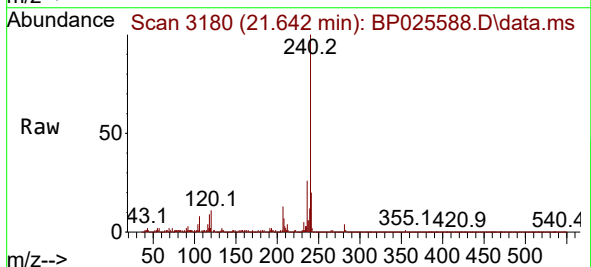
Tgt Ion:240 Resp: 1121355

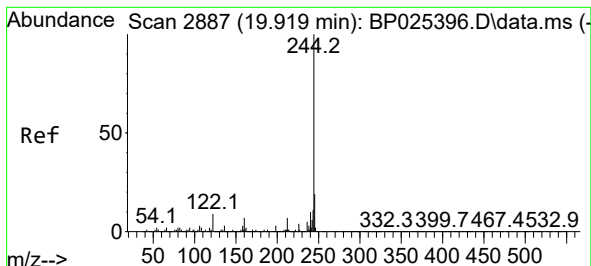
Ion Ratio Lower Upper

240 100

120 11.0 8.9 13.3

236 25.6 19.8 29.8





#79

Terphenyl-d14

Concen: 72.400 ng

RT: 19.913 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025588.D

Acq: 26 Aug 2025 16:37

Instrument :

BNA_P

ClientSampleId :

MW-16A-082025

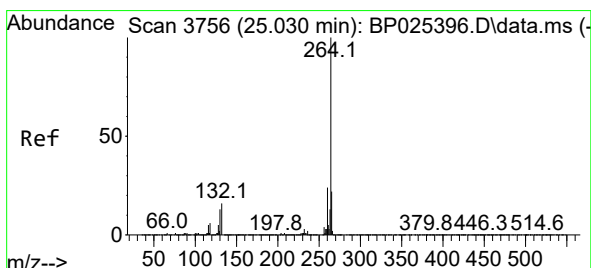
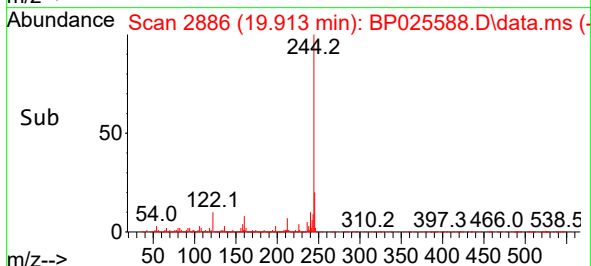
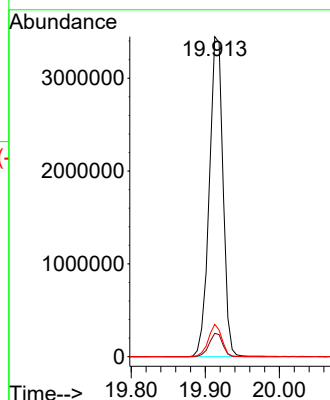
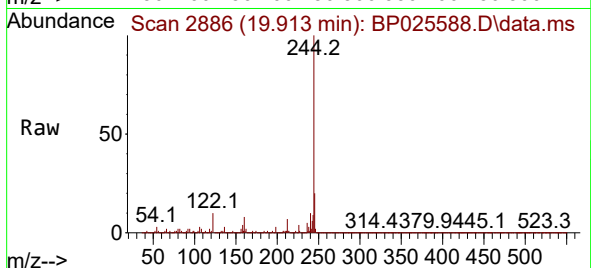
Tgt Ion:244 Resp: 4437417

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 10.1 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.018 min Scan# 3754

Delta R.T. -0.012 min

Lab File: BP025588.D

Acq: 26 Aug 2025 16:37

Tgt Ion:264 Resp: 1313745

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 23.2 17.4 26.0

