

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
 Data File : BP025479.D
 Acq On : 19 Aug 2025 16:55
 Operator : CG/JU
 Sample : Q2815-23
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-11M-N

Quant Time: Aug 19 17:15:51 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	176367	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	703475	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	480789	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	1017063	20.000	ng	0.00
76) Chrysene-d12	21.642	240	1121358	20.000	ng	0.00
86) Perylene-d12	25.007	264	1227839	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	910982	85.779	ng	0.00
7) Phenol-d6	6.966	99	828570	60.854	ng	0.00
23) Nitrobenzene-d5	8.925	82	1332542	95.820	ng	-0.01
42) 2,4,6-Tribromophenol	15.919	330	1031151	159.338	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	3082191	87.614	ng	0.00
79) Terphenyl-d14	19.919	244	5564317	90.786	ng	0.00

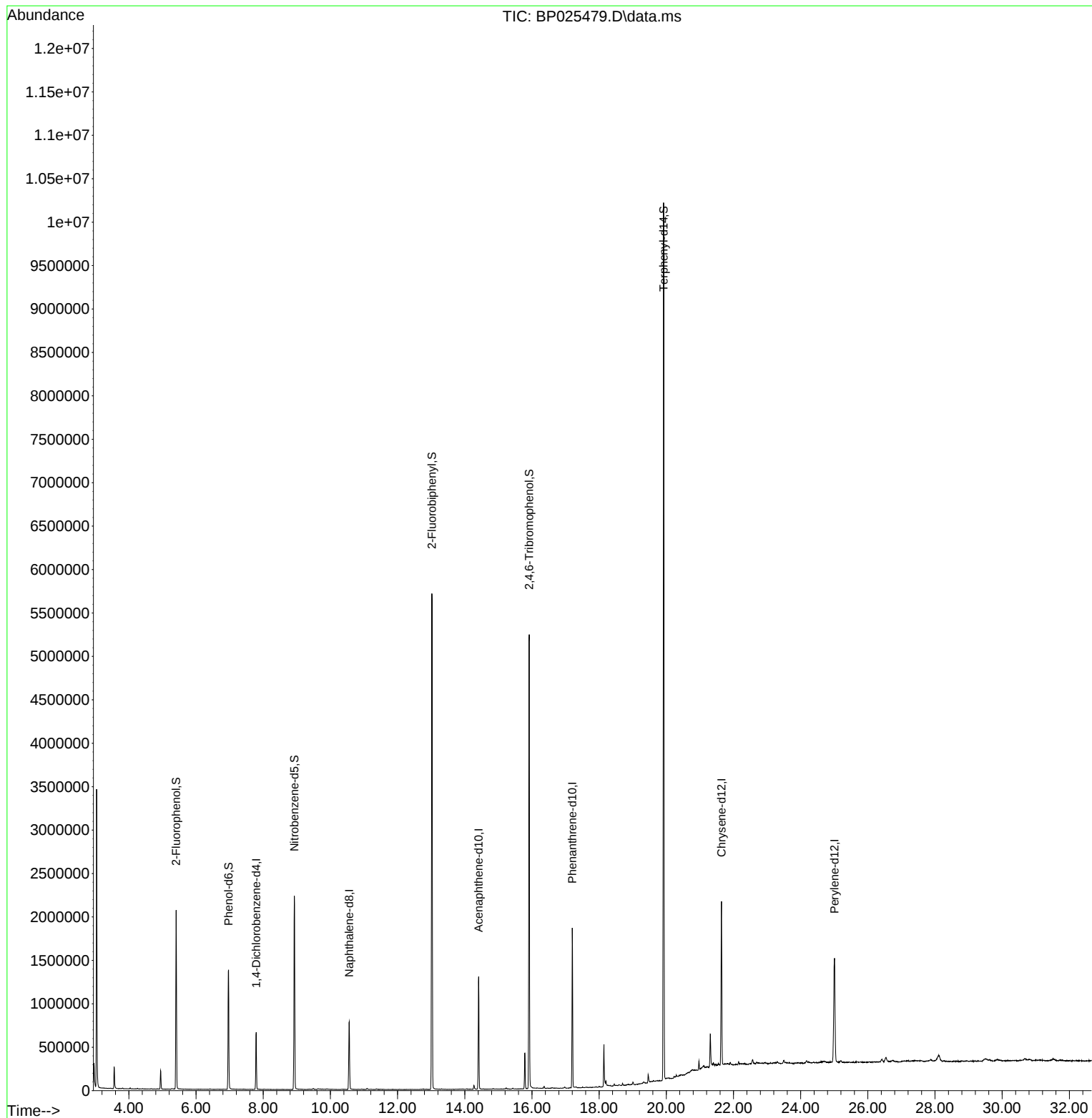
Target Compounds	Qvalue

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

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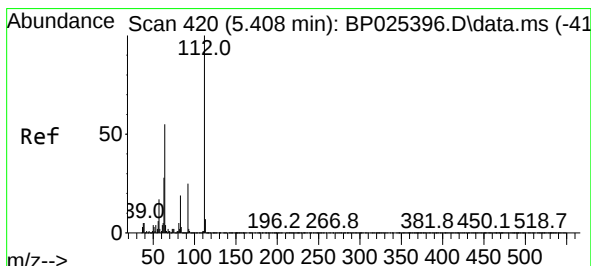
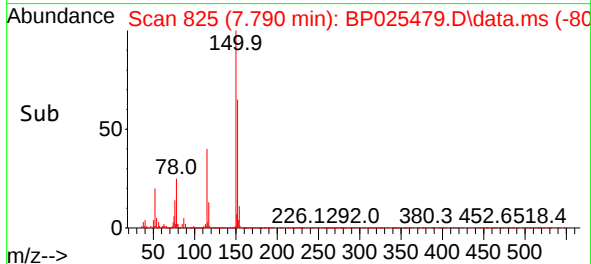
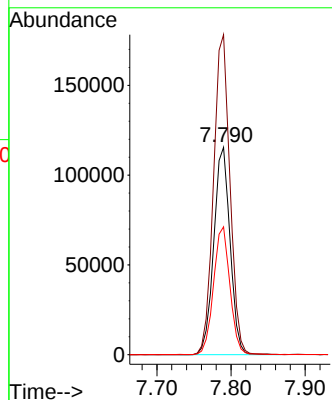
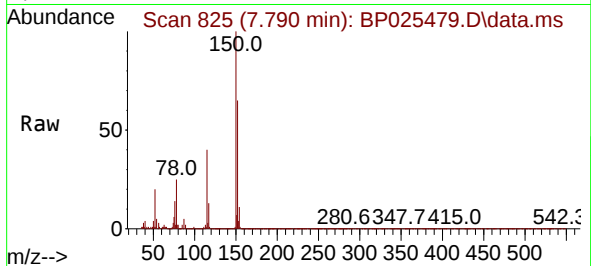




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.790 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025479.D
 Acq: 19 Aug 2025 16:55

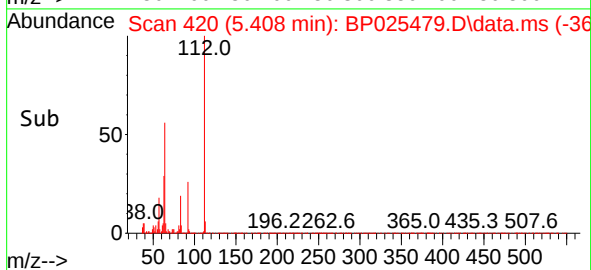
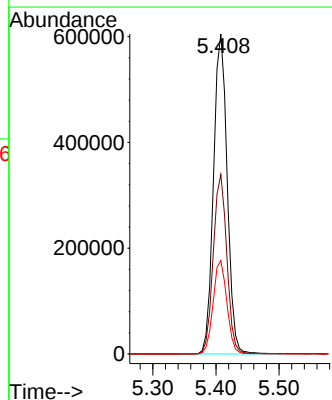
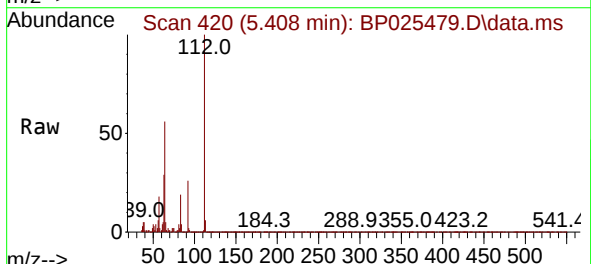
Instrument :
 BNA_P
 ClientSampleId :
 TW-11M-N

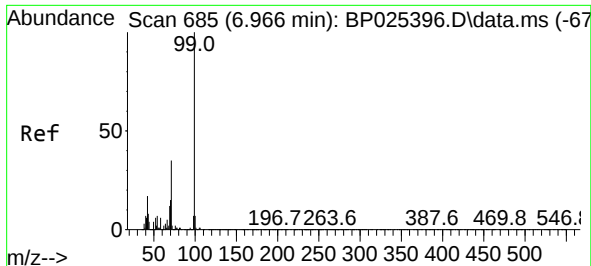
Tgt Ion:152 Resp: 176367
 Ion Ratio Lower Upper
 152 100
 150 154.3 125.9 188.9
 115 61.6 48.5 72.7



#5
 2-Fluorophenol
 Concen: 85.779 ng
 RT: 5.408 min Scan# 420
 Delta R.T. 0.000 min
 Lab File: BP025479.D
 Acq: 19 Aug 2025 16:55

Tgt Ion:112 Resp: 910982
 Ion Ratio Lower Upper
 112 100
 64 56.1 43.8 65.8
 63 29.2 22.7 34.1

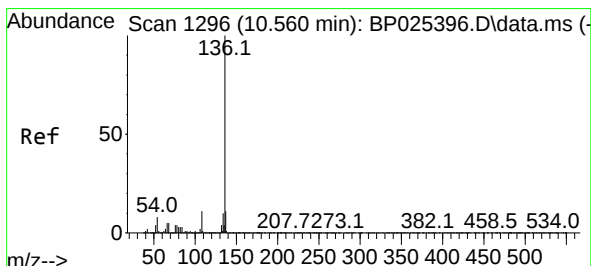
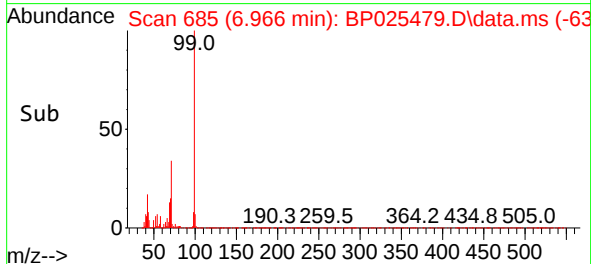
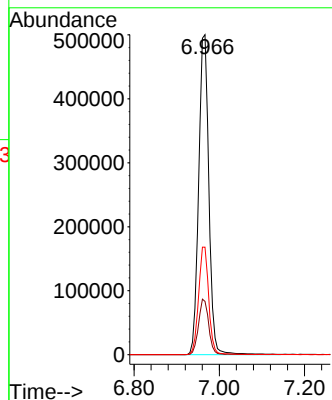
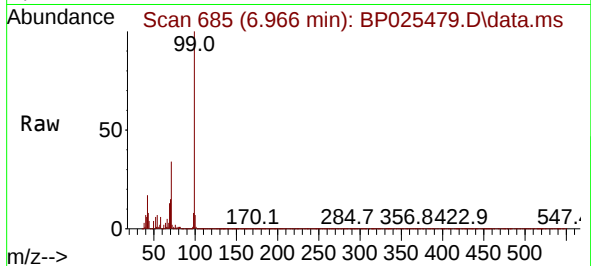




#7
Phenol-d6
Concen: 60.854 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025479.D
Acq: 19 Aug 2025 16:55

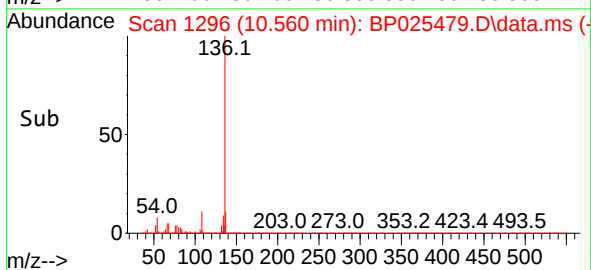
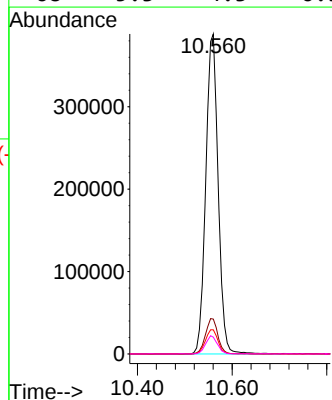
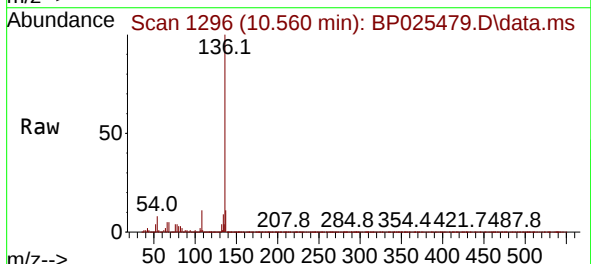
Instrument :
BNA_P
ClientSampleId :
TW-11M-N

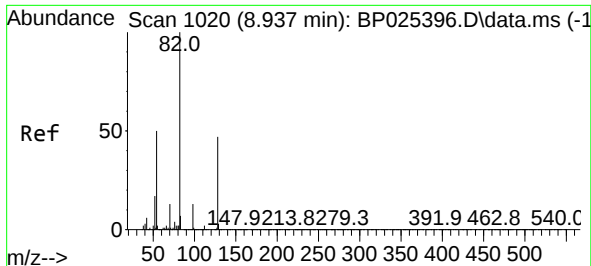
Tgt Ion: 99 Resp: 828570
Ion Ratio Lower Upper
99 100
42 16.6 13.7 20.5
71 33.6 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025479.D
Acq: 19 Aug 2025 16:55

Tgt Ion: 136 Resp: 703475
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 7.6 6.0 9.0
68 5.3 4.3 6.5

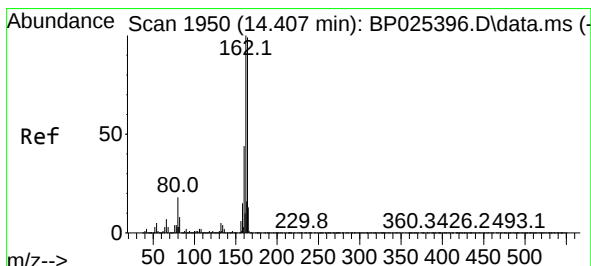
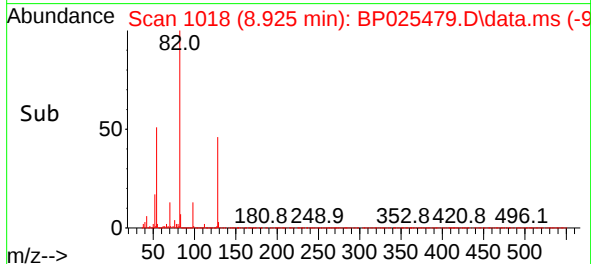
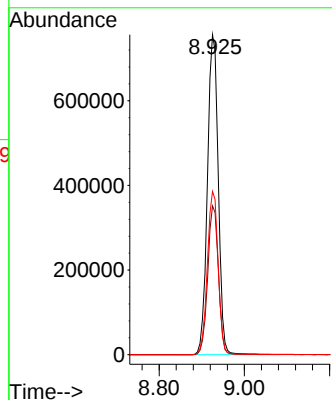
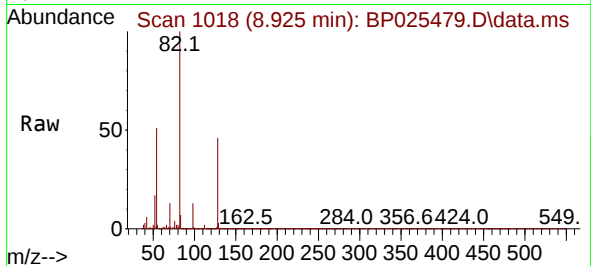




#23
Nitrobenzene-d5
Concen: 95.820 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025479.D
Acq: 19 Aug 2025 16:55

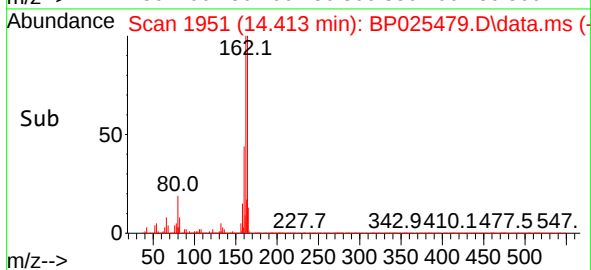
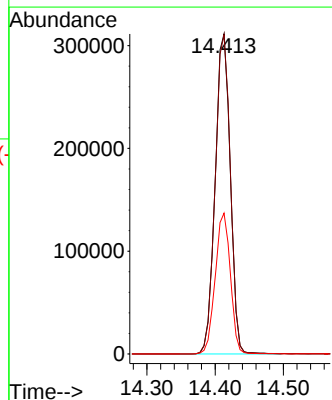
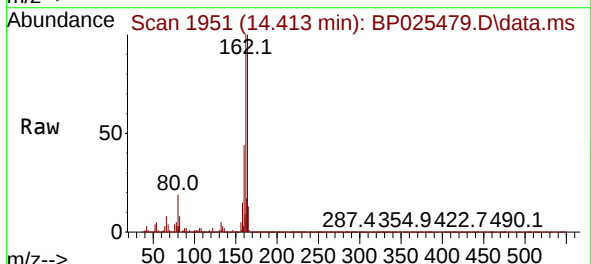
Instrument :
BNA_P
ClientSampleId :
TW-11M-N

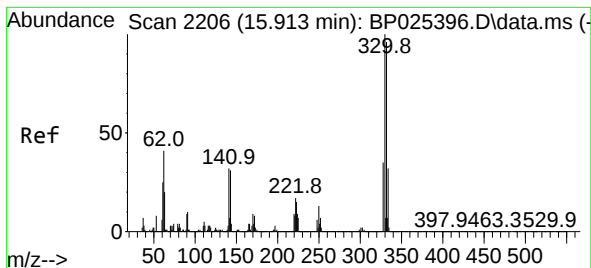
Tgt Ion: 82 Resp: 1332542
Ion Ratio Lower Upper
82 100
128 46.5 37.7 56.5
54 51.1 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1951
Delta R.T. 0.006 min
Lab File: BP025479.D
Acq: 19 Aug 2025 16:55

Tgt Ion:164 Resp: 480789
Ion Ratio Lower Upper
164 100
162 99.8 81.0 121.6
160 44.0 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 159.338 ng

RT: 15.919 min Scan# 2206

Delta R.T. 0.006 min

Lab File: BP025479.D

Acq: 19 Aug 2025 16:55

Instrument :

BNA_P

ClientSampleId :

TW-11M-N

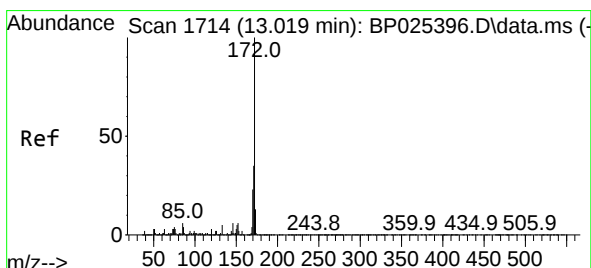
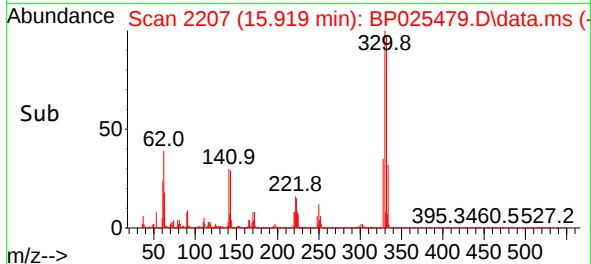
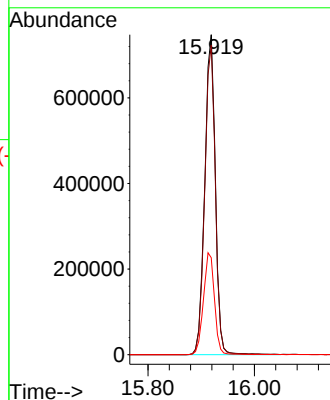
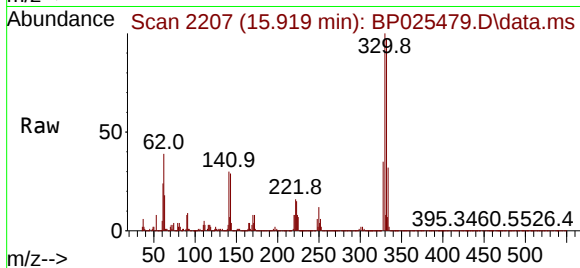
Tgt Ion:330 Resp: 1031151

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

141 33.2 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 87.614 ng

RT: 13.019 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BP025479.D

Acq: 19 Aug 2025 16:55

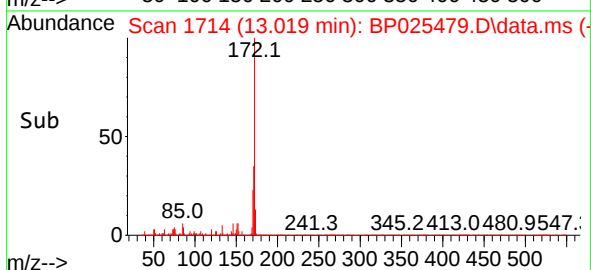
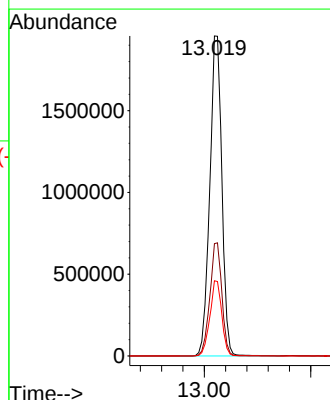
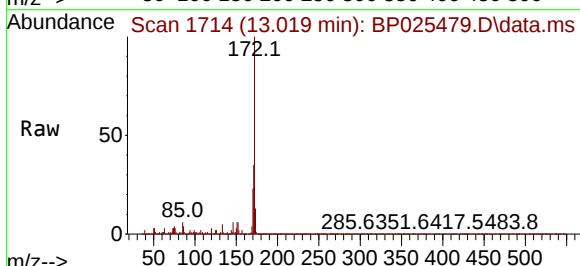
Tgt Ion:172 Resp: 3082191

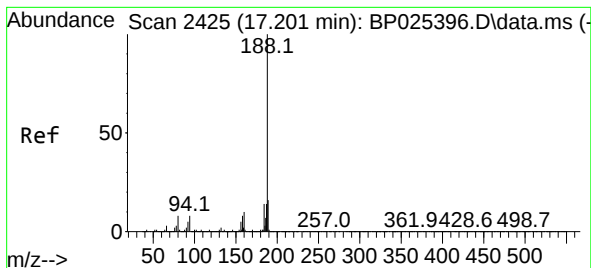
Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.5 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: BP025479.D

Acq: 19 Aug 2025 16:55

Instrument :

BNA_P

ClientSampleId :

TW-11M-N

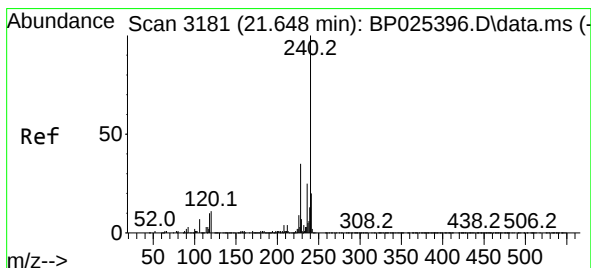
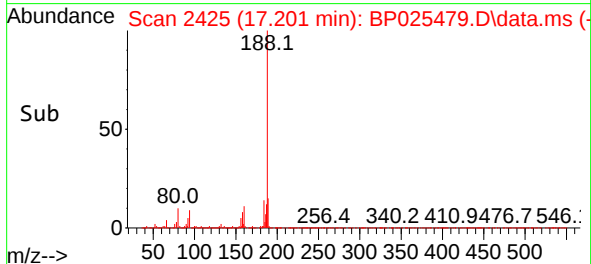
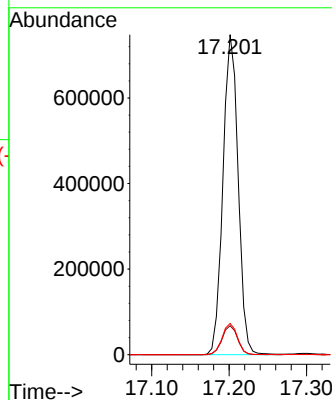
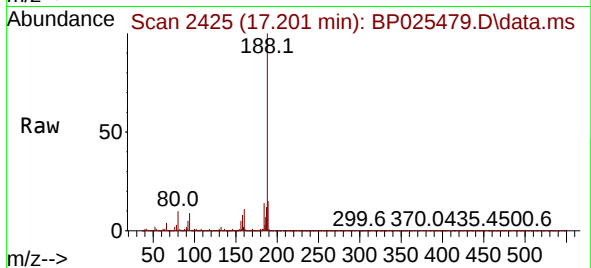
Tgt Ion:188 Resp: 1017063

Ion Ratio Lower Upper

188 100

94 9.0 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: BP025479.D

Acq: 19 Aug 2025 16:55

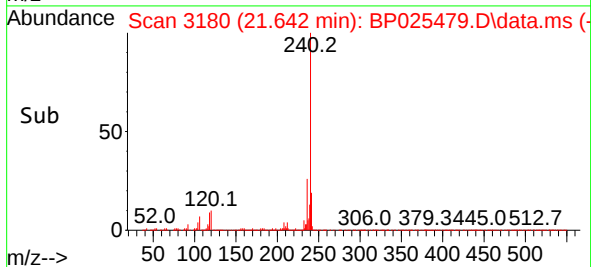
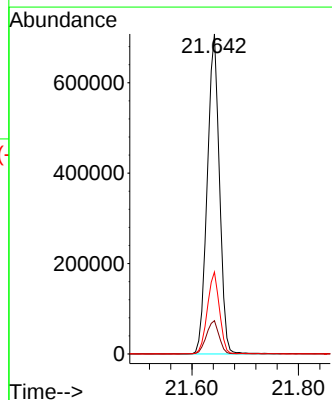
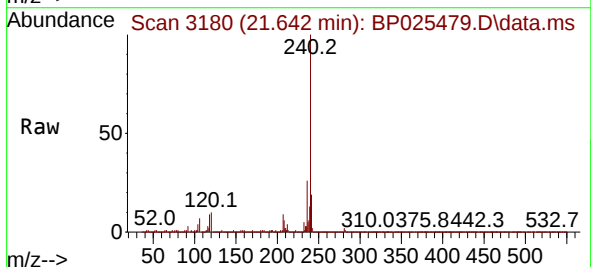
Tgt Ion:240 Resp: 1121358

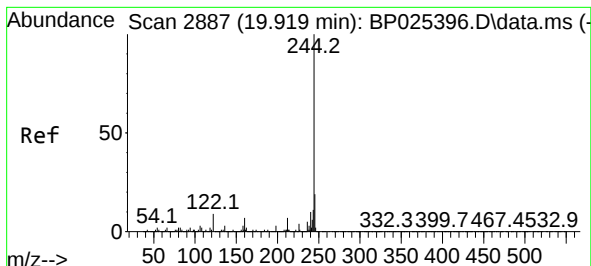
Ion Ratio Lower Upper

240 100

120 10.4 8.9 13.3

236 25.6 19.8 29.8





#79

Terphenyl-d14

Concen: 90.786 ng

RT: 19.919 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025479.D

Acq: 19 Aug 2025 16:55

Instrument :

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TW-11M-N

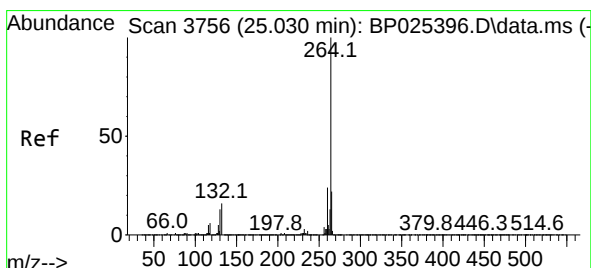
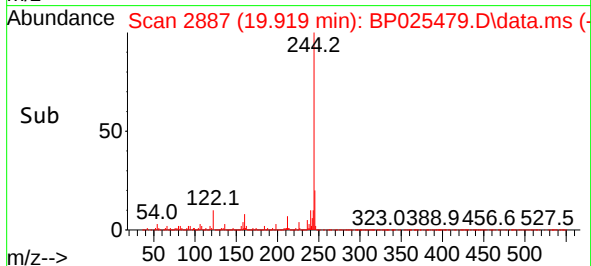
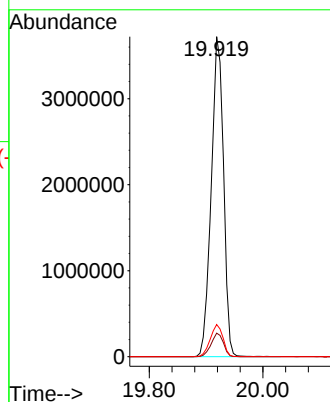
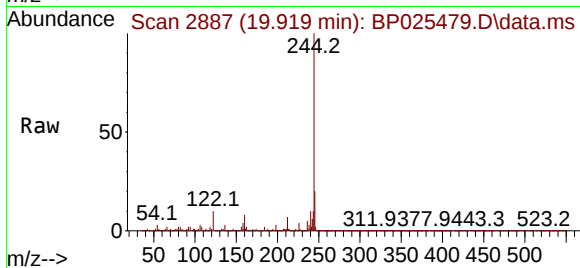
Tgt Ion:244 Resp: 5564317

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 10.1 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: BP025479.D

Acq: 19 Aug 2025 16:55

Tgt Ion:264 Resp: 1227839

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 21.3 17.4 26.0

