

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025419.D
 Acq On : 15 Aug 2025 08:32
 Operator : CG/JU
 Sample : Q2820-20
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 88H-S

Quant Time: Aug 15 10:41:17 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	149844	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	598773	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	391178	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	833975	20.000	ng	0.00
76) Chrysene-d12	21.642	240	954124	20.000	ng	0.00
86) Perylene-d12	25.006	264	1072304	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.407	112	501455	55.576	ng	0.00
7) Phenol-d6	6.966	99	642395	55.531	ng	0.00
23) Nitrobenzene-d5	8.931	82	402407	33.996	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	290276	55.130	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	879887	30.741	ng	0.00
79) Terphenyl-d14	19.924	244	1559478	29.904	ng	0.00

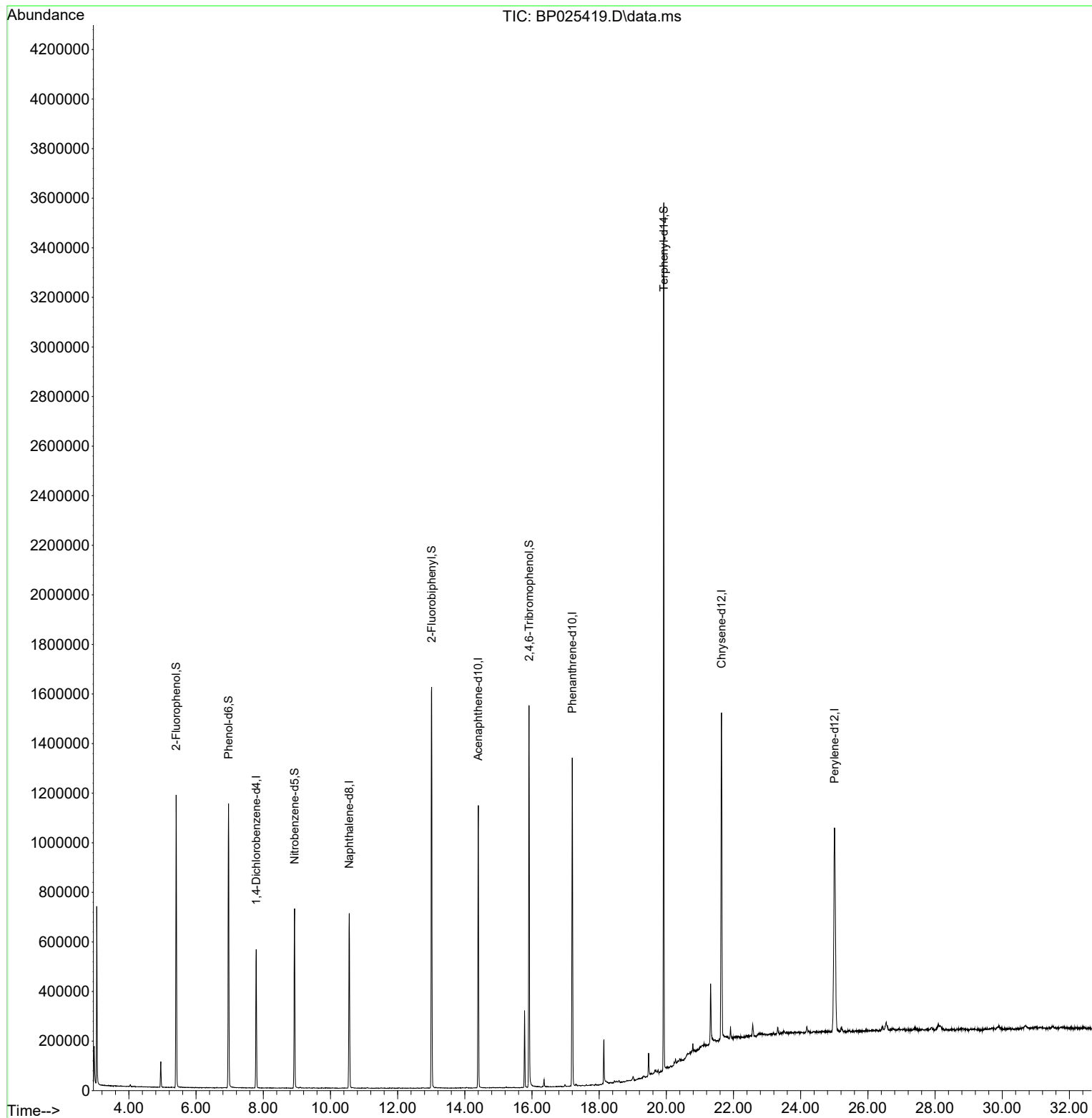
Target Compounds	Qvalue

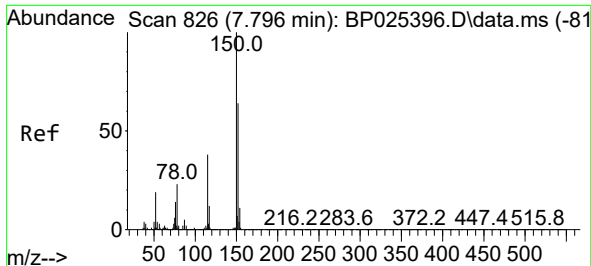
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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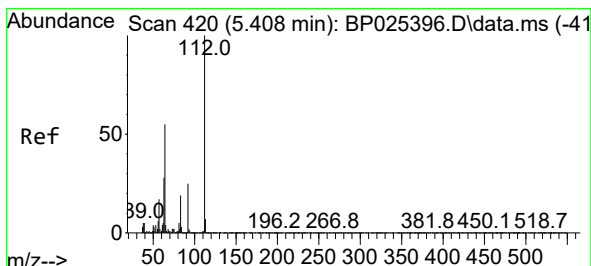
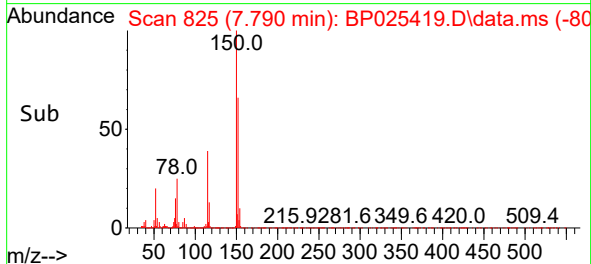
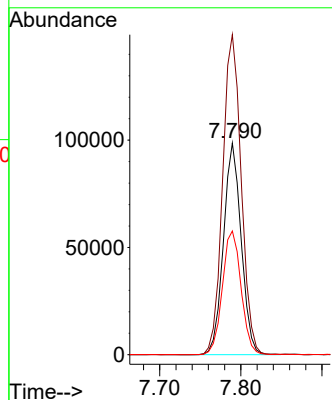
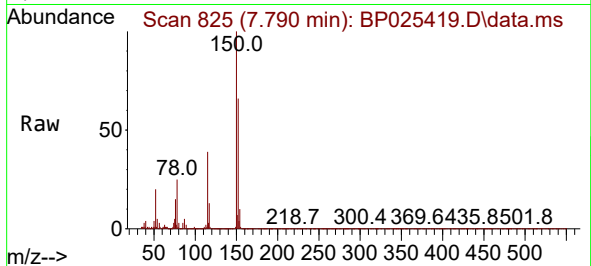




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025419.D
Acq: 15 Aug 2025 08:32

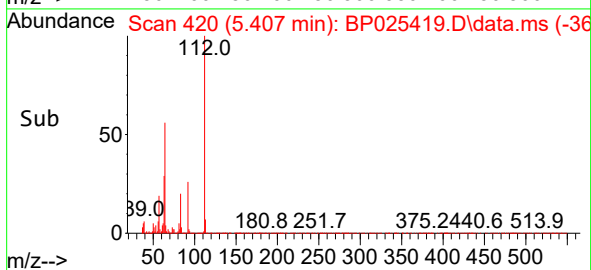
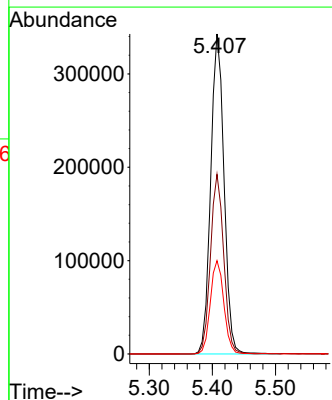
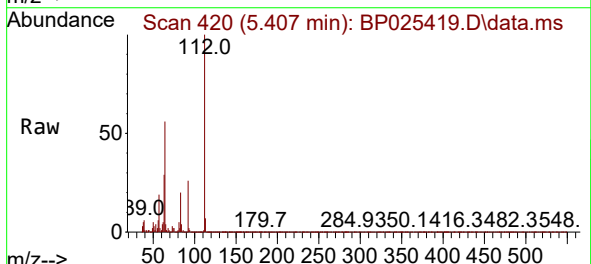
Instrument :
BNA_P
ClientSampleId :
88H-S

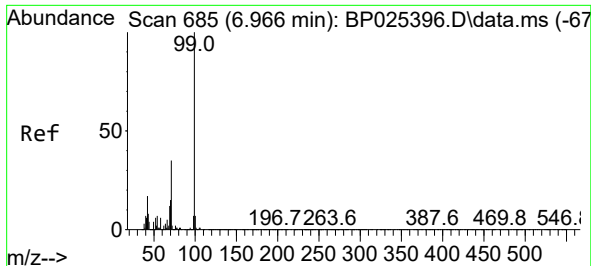
Tgt Ion:152 Resp: 149844
Ion Ratio Lower Upper
152 100
150 151.2 125.9 188.9
115 58.4 48.5 72.7



#5
2-Fluorophenol
Concen: 55.576 ng
RT: 5.407 min Scan# 420
Delta R.T. -0.000 min
Lab File: BP025419.D
Acq: 15 Aug 2025 08:32

Tgt Ion:112 Resp: 501455
Ion Ratio Lower Upper
112 100
64 56.1 43.8 65.8
63 29.1 22.7 34.1

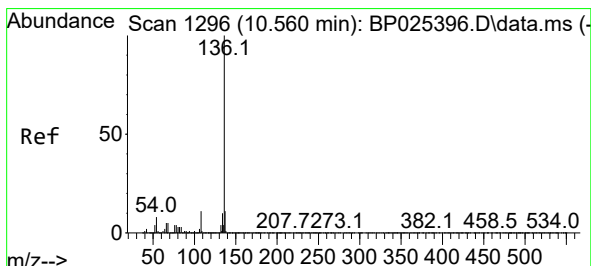
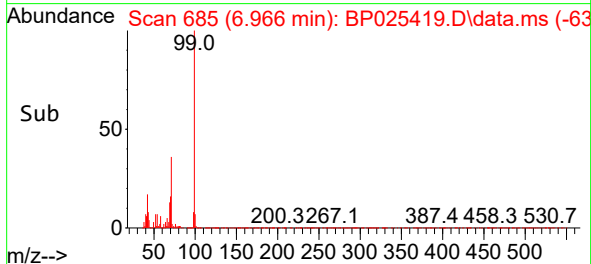
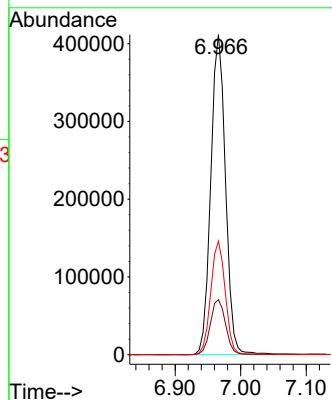
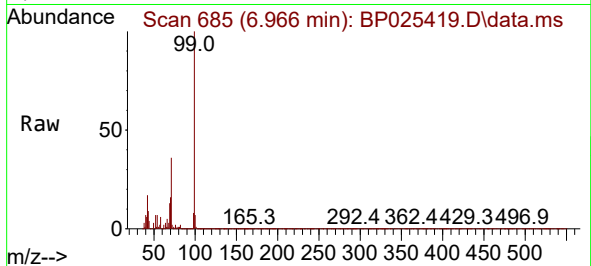




#7
Phenol-d6
Concen: 55.531 ng
RT: 6.966 min Scan# 685
Delta R.T. -0.000 min
Lab File: BP025419.D
Acq: 15 Aug 2025 08:32

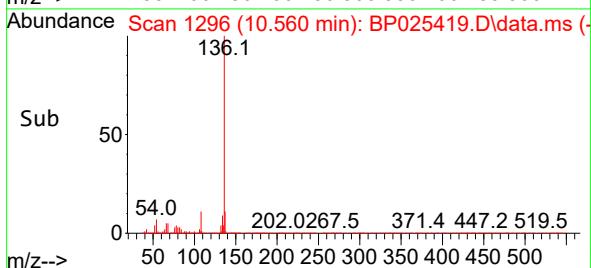
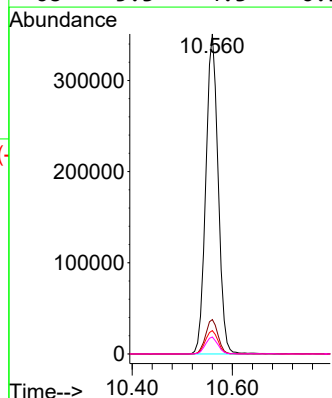
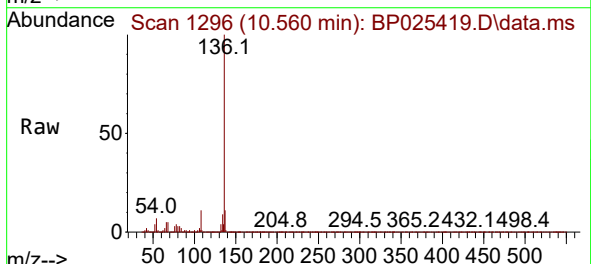
Instrument :
BNA_P
ClientSampleId :
88H-S

Tgt Ion: 99 Resp: 642395
Ion Ratio Lower Upper
99 100
42 17.2 13.7 20.5
71 35.5 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: BP025419.D
Acq: 15 Aug 2025 08:32

Tgt Ion: 136 Resp: 598773
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.3 6.0 9.0
68 5.3 4.3 6.5

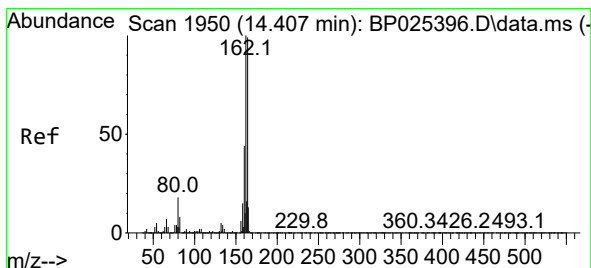
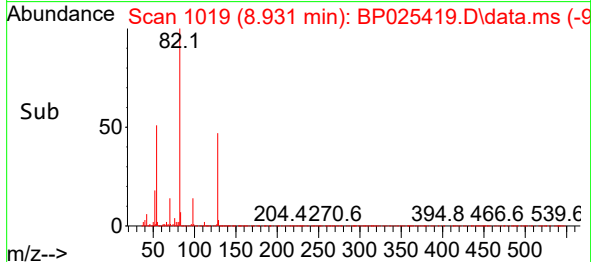
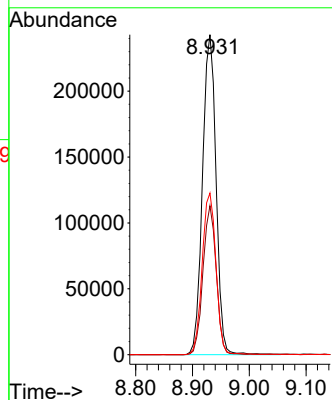
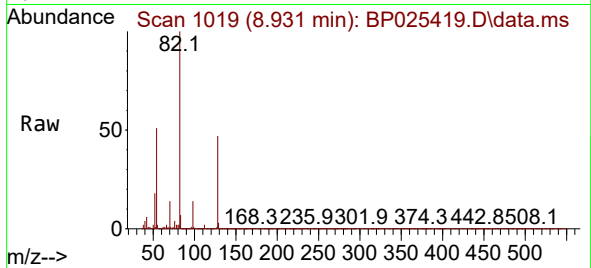




#23
 Nitrobenzene-d5
 Concen: 33.996 ng
 RT: 8.931 min Scan# 1019
 Delta R.T. -0.006 min
 Lab File: BP025419.D
 Acq: 15 Aug 2025 08:32

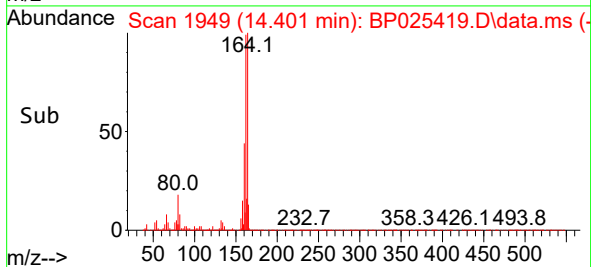
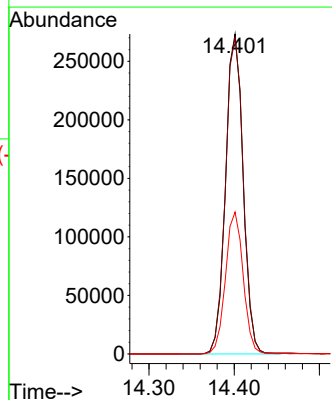
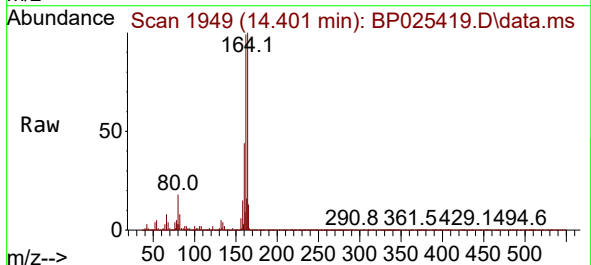
Instrument :
 BNA_P
 ClientSampleId :
 88H-S

Tgt Ion: 82 Resp: 402407
 Ion Ratio Lower Upper
 82 100
 128 46.5 37.7 56.5
 54 50.5 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: BP025419.D
 Acq: 15 Aug 2025 08:32

Tgt Ion:164 Resp: 391178
 Ion Ratio Lower Upper
 164 100
 162 98.7 81.0 121.6
 160 44.3 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 55.130 ng

RT: 15.913 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025419.D

Acq: 15 Aug 2025 08:32

Instrument :

BNA_P

ClientSampleId :

88H-S

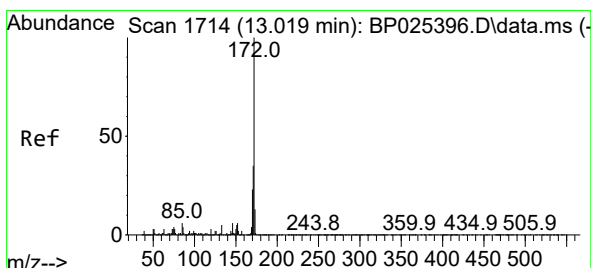
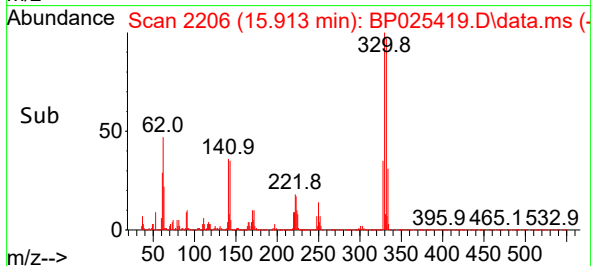
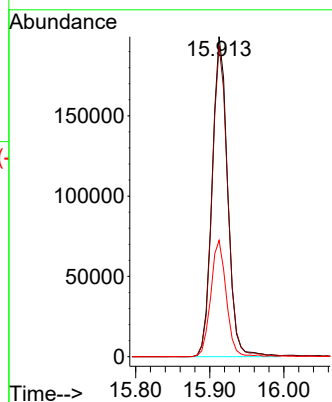
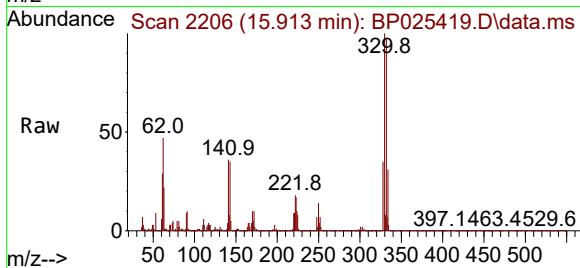
Tgt Ion:330 Resp: 290276

Ion Ratio Lower Upper

330 100

332 98.1 77.3 115.9

141 36.5 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 30.741 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025419.D

Acq: 15 Aug 2025 08:32

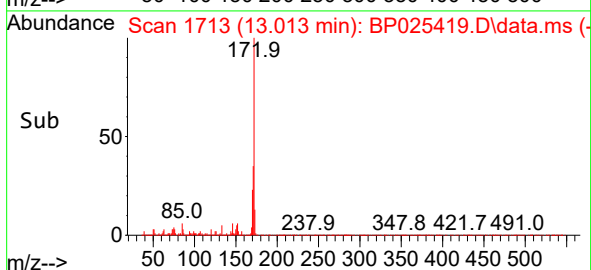
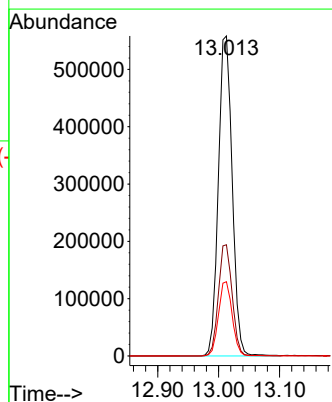
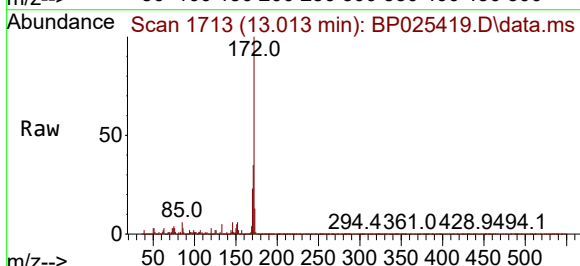
Tgt Ion:172 Resp: 879887

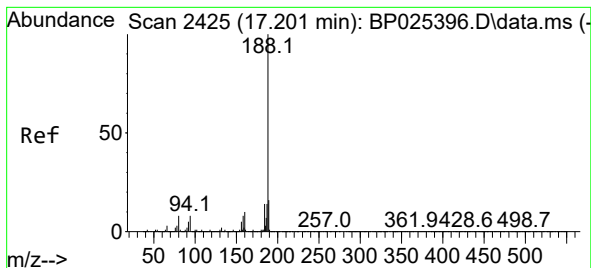
Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 23.2 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: BP025419.D

Acq: 15 Aug 2025 08:32

Instrument :

BNA_P

ClientSampleId :

88H-S

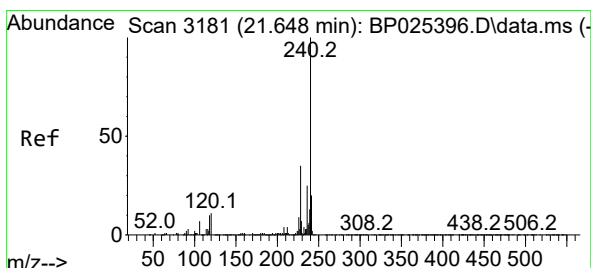
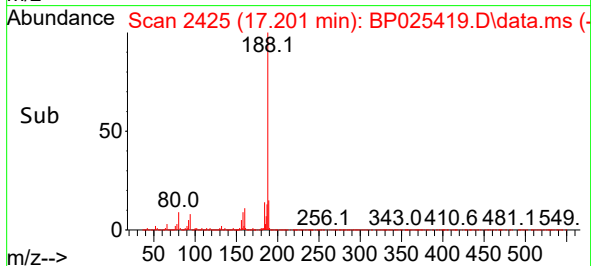
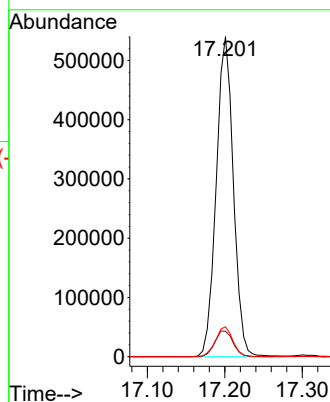
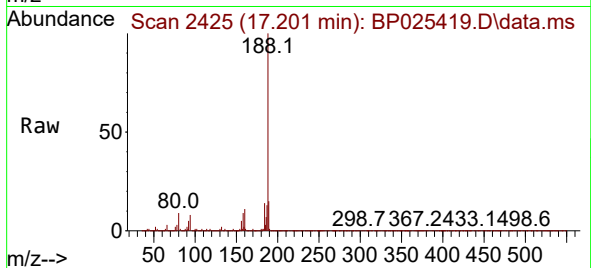
Tgt Ion:188 Resp: 833975

Ion Ratio Lower Upper

188 100

94 8.0 6.6 10.0

80 9.3 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: BP025419.D

Acq: 15 Aug 2025 08:32

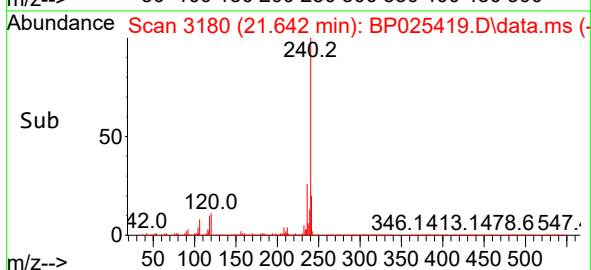
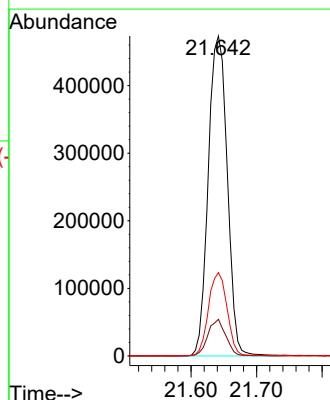
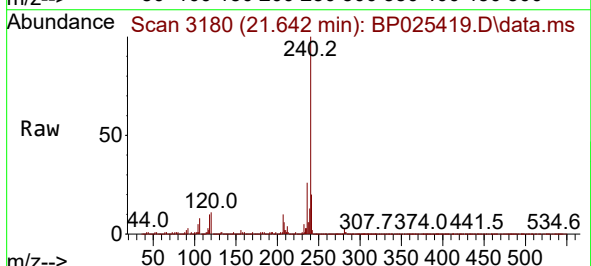
Tgt Ion:240 Resp: 954124

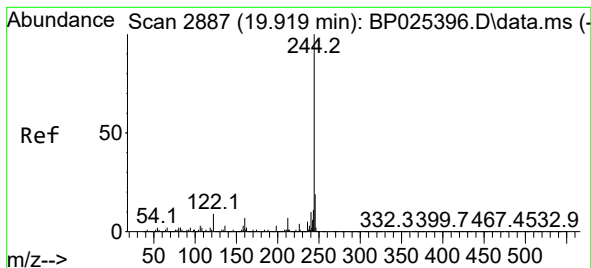
Ion Ratio Lower Upper

240 100

120 11.5 8.9 13.3

236 26.1 19.8 29.8





#79

Terphenyl-d14

Concen: 29.904 ng

RT: 19.924 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025419.D

Acq: 15 Aug 2025 08:32

Instrument :

BNA_P

ClientSampleId :

88H-S

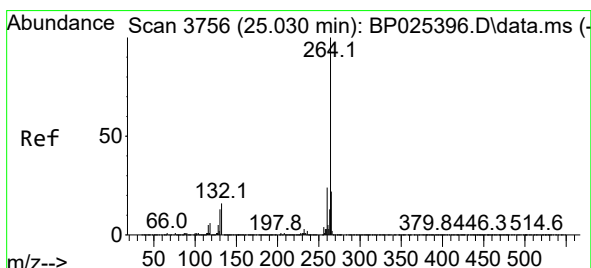
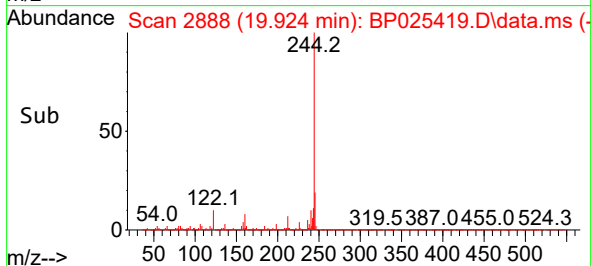
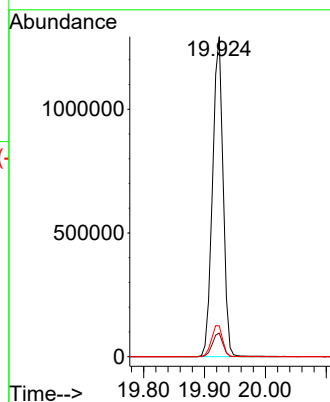
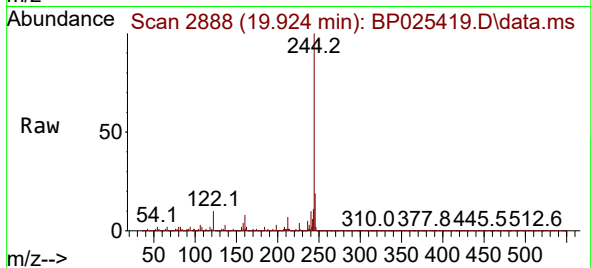
Tgt Ion:244 Resp: 1559478

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 9.7 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.006 min Scan# 3752

Delta R.T. -0.024 min

Lab File: BP025419.D

Acq: 15 Aug 2025 08:32

Tgt Ion:264 Resp: 1072304

Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 22.2 17.4 26.0

