

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025412.D
 Acq On : 15 Aug 2025 03:45
 Operator : CG/JU
 Sample : Q2820-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 10P-E

Quant Time: Aug 15 05:04:52 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	134998	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	552076	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	387613	20.000	ng	-0.01
64) Phenanthrene-d10	17.189	188	803578	20.000	ng	-0.01
76) Chrysene-d12	21.624	240	864078	20.000	ng	-0.02
86) Perylene-d12	25.001	264	961602	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	697639	85.821	ng	0.00
7) Phenol-d6	6.966	99	907311	87.057	ng	0.00
23) Nitrobenzene-d5	8.925	82	572968	52.500	ng	-0.01
42) 2,4,6-Tribromophenol	15.901	330	461368	88.430	ng	-0.01
45) 2-Fluorobiphenyl	13.007	172	1434920	50.594	ng	-0.01
79) Terphenyl-d14	19.913	244	2430881	51.471	ng	0.00

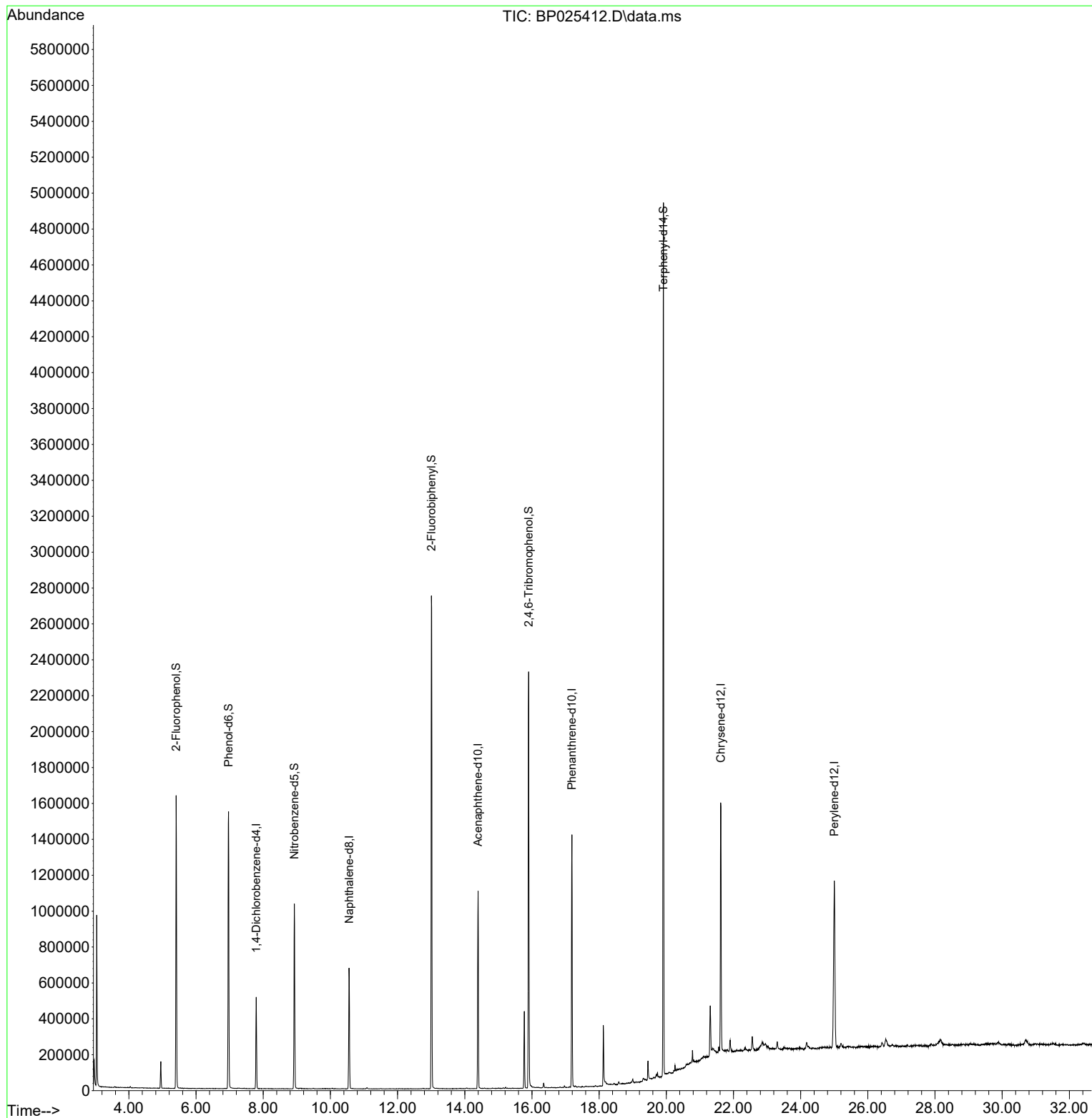
Target Compounds	Qvalue

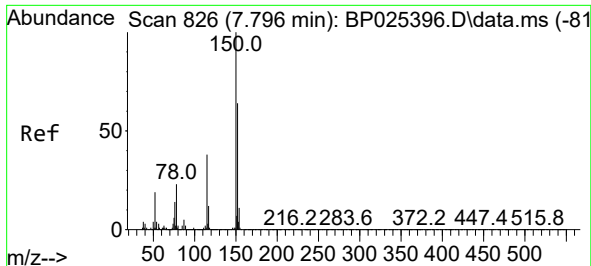
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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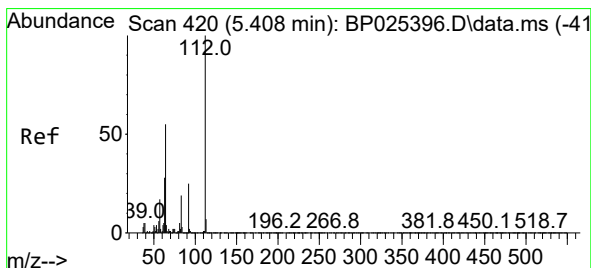
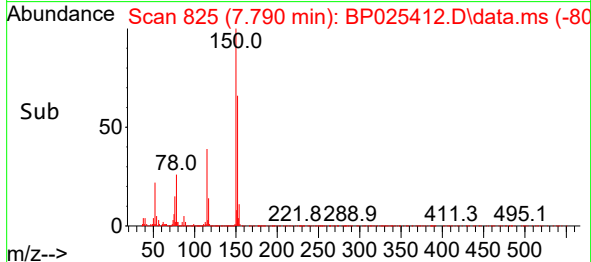
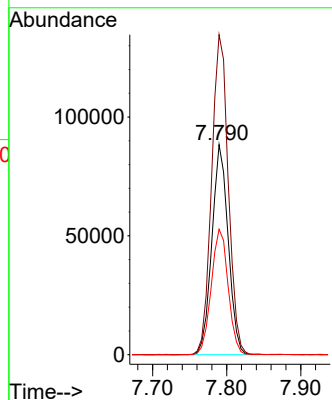
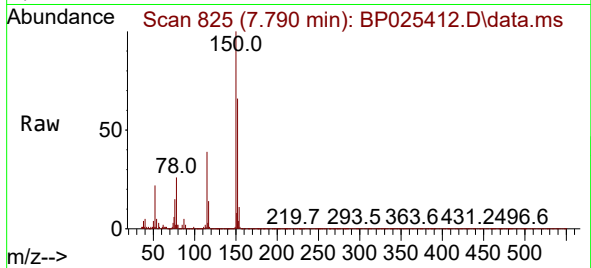




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.790 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025412.D
 Acq: 15 Aug 2025 03:45

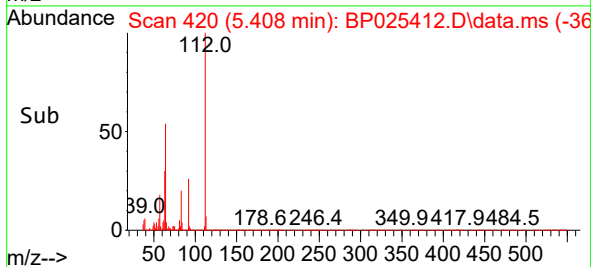
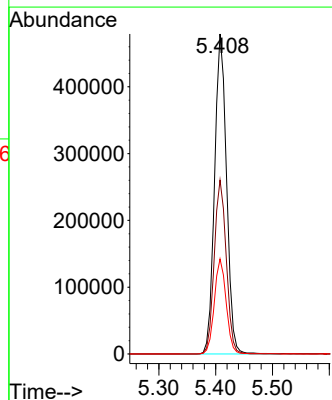
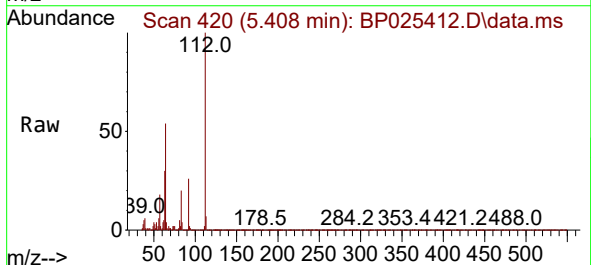
Instrument :
 BNA_P
 ClientSampleId :
 10P-E

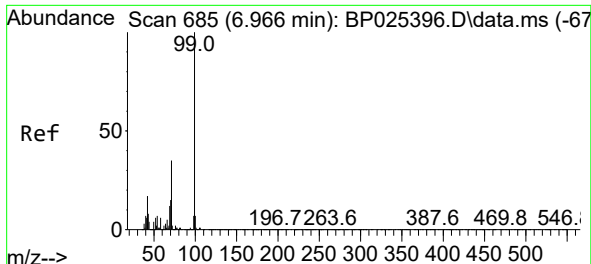
Tgt Ion:152 Resp: 134998
 Ion Ratio Lower Upper
 152 100
 150 152.3 125.9 188.9
 115 59.7 48.5 72.7



#5
 2-Fluorophenol
 Concen: 85.821 ng
 RT: 5.408 min Scan# 420
 Delta R.T. 0.000 min
 Lab File: BP025412.D
 Acq: 15 Aug 2025 03:45

Tgt Ion:112 Resp: 697639
 Ion Ratio Lower Upper
 112 100
 64 54.3 43.8 65.8
 63 29.7 22.7 34.1

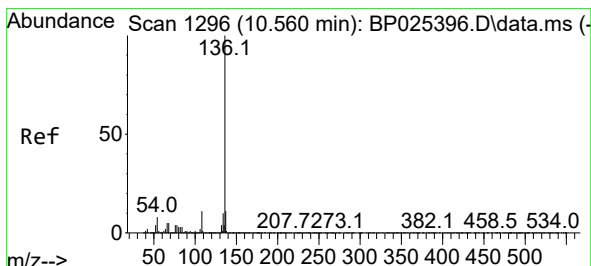
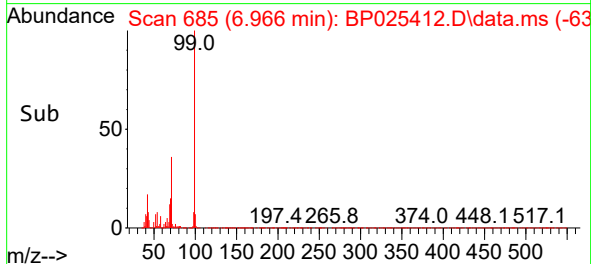
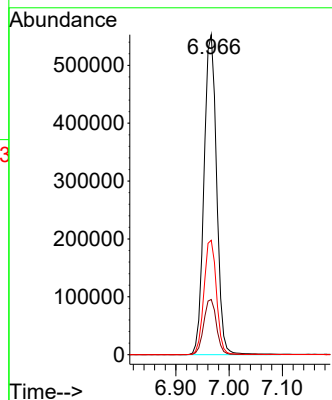
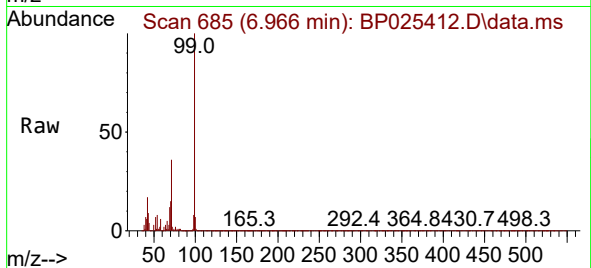




#7
Phenol-d6
Concen: 87.057 ng
RT: 6.966 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025412.D
Acq: 15 Aug 2025 03:45

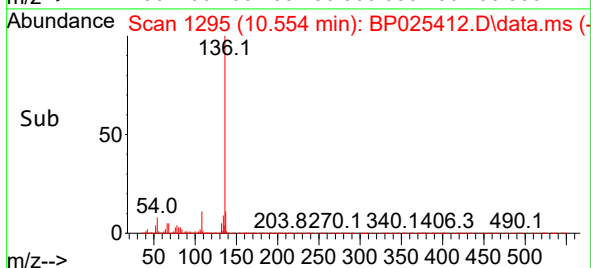
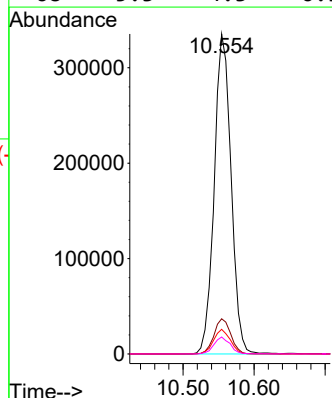
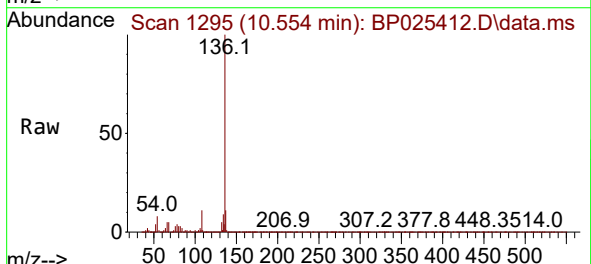
Instrument :
BNA_P
ClientSampleId :
10P-E

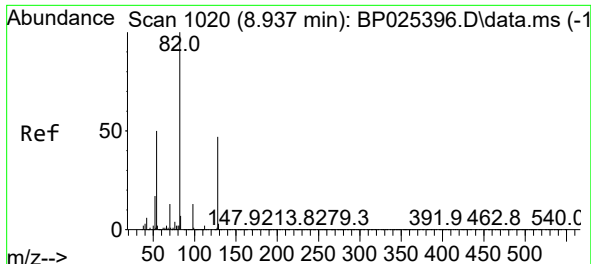
Tgt Ion: 99 Resp: 907311
Ion Ratio Lower Upper
99 100
42 17.3 13.7 20.5
71 35.7 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025412.D
Acq: 15 Aug 2025 03:45

Tgt Ion: 136 Resp: 552076
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.7 6.0 9.0
68 5.3 4.3 6.5





#23

Nitrobenzene-d5

Concen: 52.500 ng

RT: 8.925 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BP025412.D

Acq: 15 Aug 2025 03:45

Instrument :

BNA_P

ClientSampleId :

10P-E

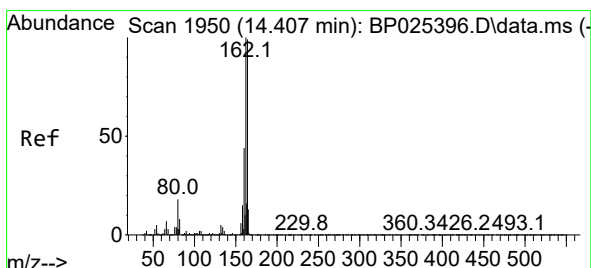
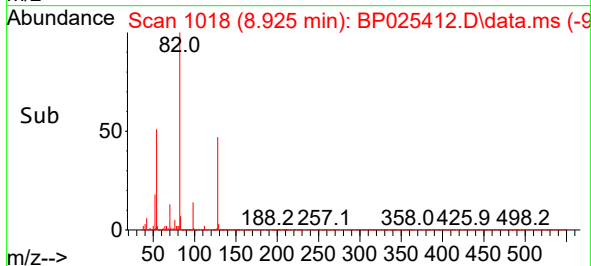
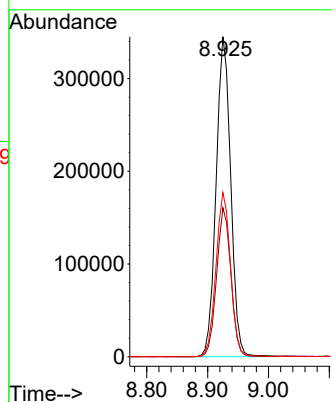
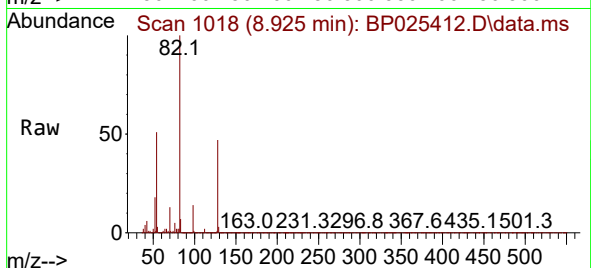
Tgt Ion: 82 Resp: 572968

Ion Ratio Lower Upper

82 100

128 46.5 37.7 56.5

54 51.3 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.395 min Scan# 1948

Delta R.T. -0.012 min

Lab File: BP025412.D

Acq: 15 Aug 2025 03:45

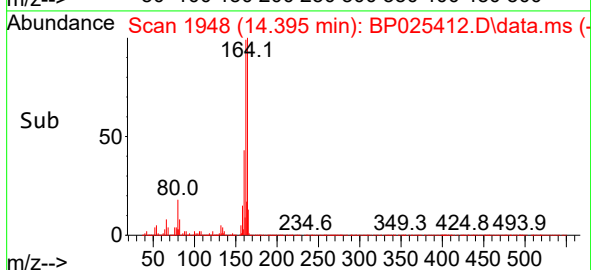
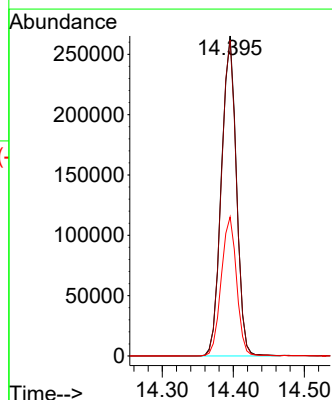
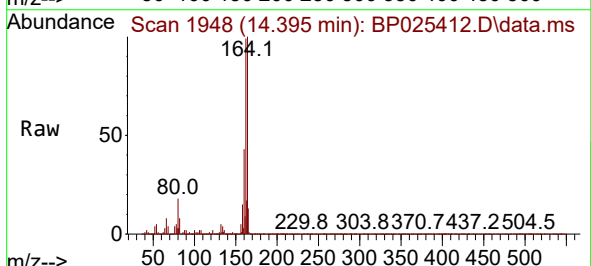
Tgt Ion: 164 Resp: 387613

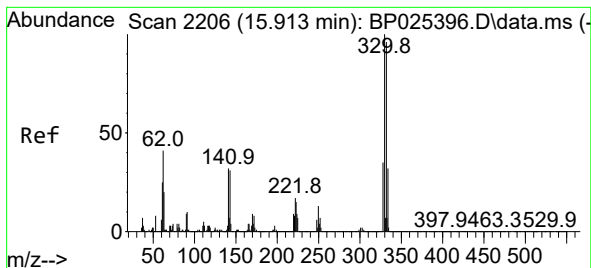
Ion Ratio Lower Upper

164 100

162 98.7 81.0 121.6

160 43.5 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 88.430 ng

RT: 15.901 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025412.D

Acq: 15 Aug 2025 03:45

Instrument :

BNA_P

ClientSampleId :

10P-E

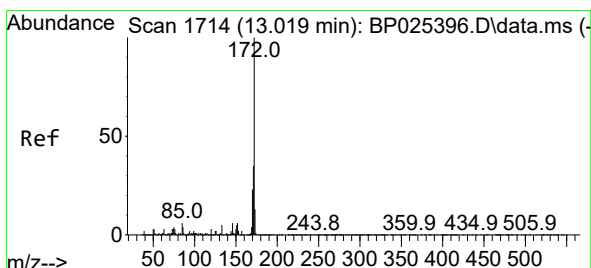
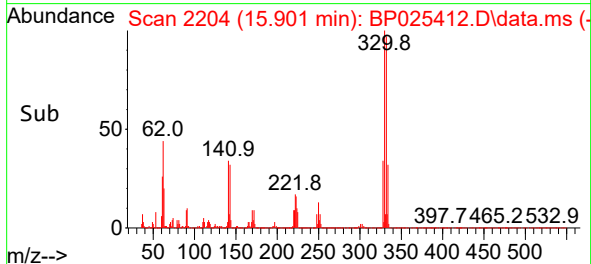
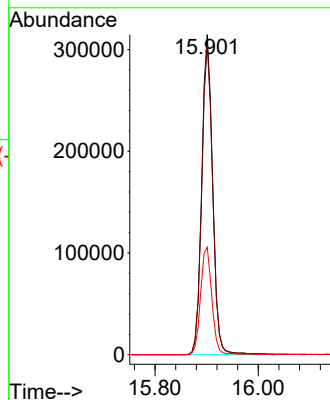
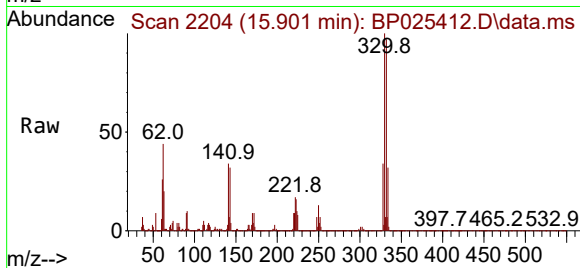
Tgt Ion:330 Resp: 461368

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

141 34.7 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 50.594 ng

RT: 13.007 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BP025412.D

Acq: 15 Aug 2025 03:45

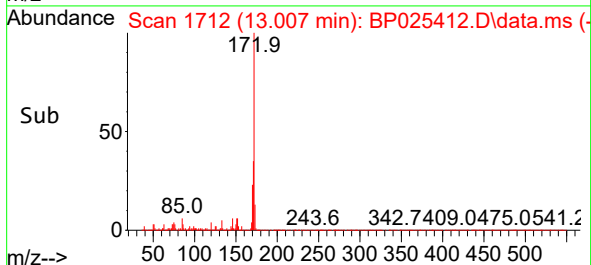
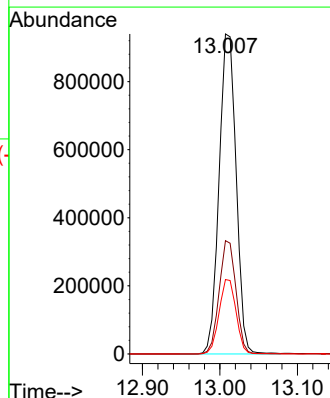
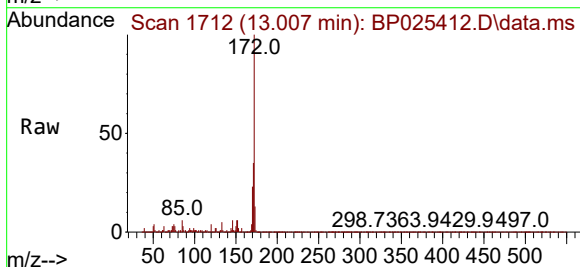
Tgt Ion:172 Resp: 1434920

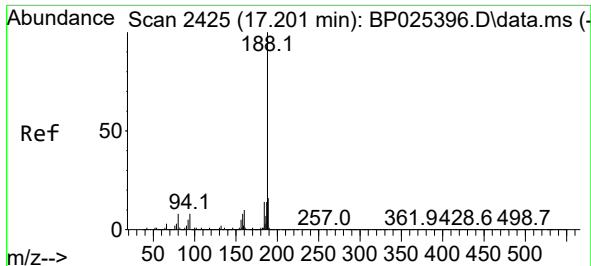
Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 23.3 18.6 28.0

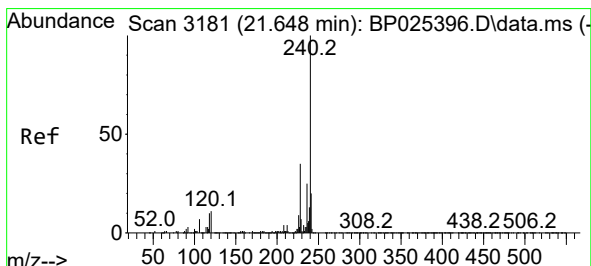
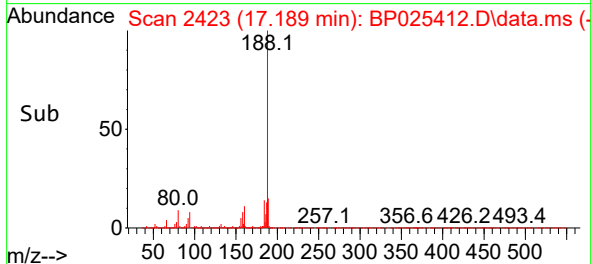
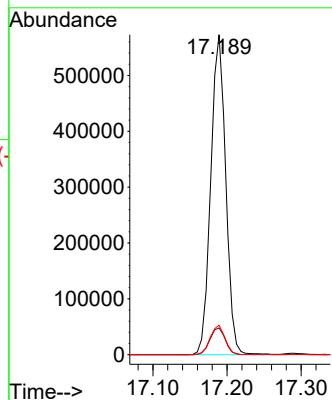
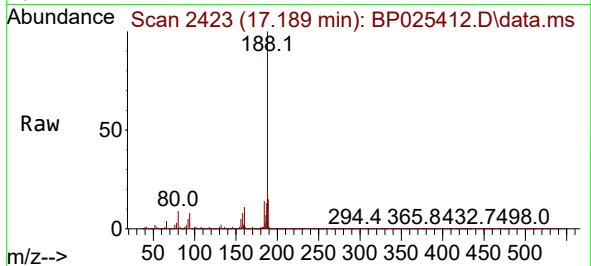




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025412.D
Acq: 15 Aug 2025 03:45

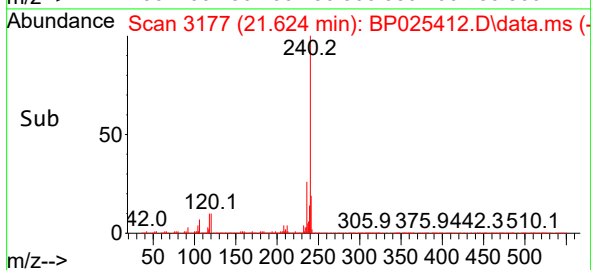
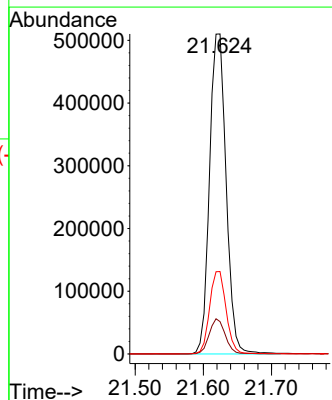
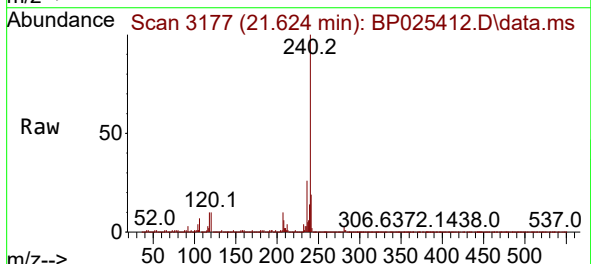
Instrument :
BNA_P
ClientSampleId :
10P-E

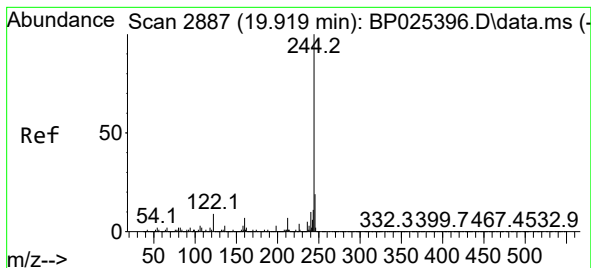
Tgt Ion:188 Resp: 803578
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.2 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 3177
Delta R.T. -0.023 min
Lab File: BP025412.D
Acq: 15 Aug 2025 03:45

Tgt Ion:240 Resp: 864078
Ion Ratio Lower Upper
240 100
120 10.1 8.9 13.3
236 25.7 19.8 29.8





#79

Terphenyl-d14

Concen: 51.471 ng

RT: 19.913 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025412.D

Acq: 15 Aug 2025 03:45

Instrument :

BNA_P

ClientSampleId :

10P-E

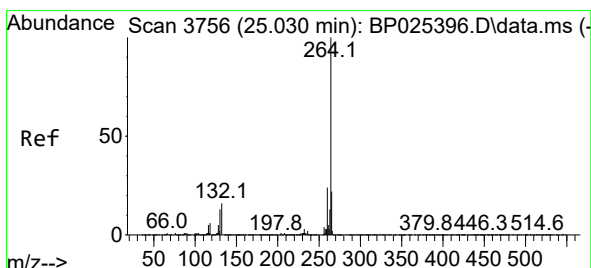
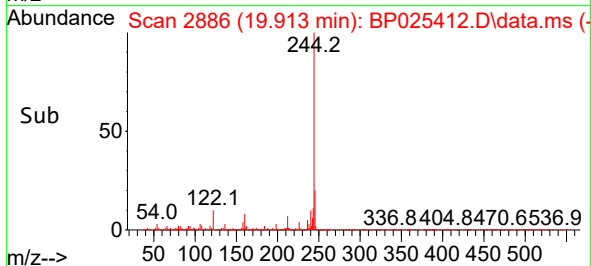
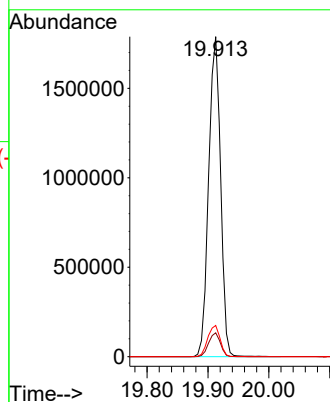
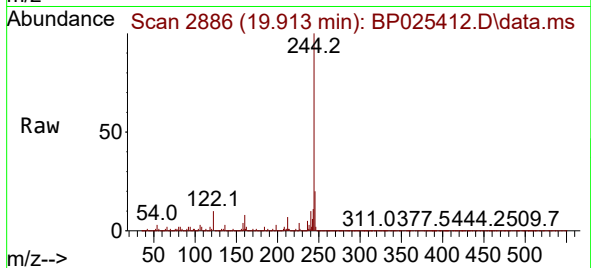
Tgt Ion:244 Resp: 2430881

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 9.8 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.001 min Scan# 3751

Delta R.T. -0.029 min

Lab File: BP025412.D

Acq: 15 Aug 2025 03:45

Tgt Ion:264 Resp: 961602

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 21.7 17.4 26.0

