

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025426.D
 Acq On : 15 Aug 2025 14:08
 Operator : CG/JU
 Sample : Q2814-05RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-82H-ERE

Quant Time: Aug 15 14:58:38 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	137678	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	540790	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	370556	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	763380	20.000	ng	0.00
76) Chrysene-d12	21.630	240	864878	20.000	ng	-0.02
86) Perylene-d12	24.989	264	962910	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.407	112	366124	44.163	ng	0.00
7) Phenol-d6	6.960	99	411090	38.676	ng	0.00
23) Nitrobenzene-d5	8.925	82	370302	34.638	ng	-0.01
42) 2,4,6-Tribromophenol	15.907	330	269048	53.942	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	850812	31.380	ng	0.00
79) Terphenyl-d14	19.912	244	1548316	32.753	ng	0.00

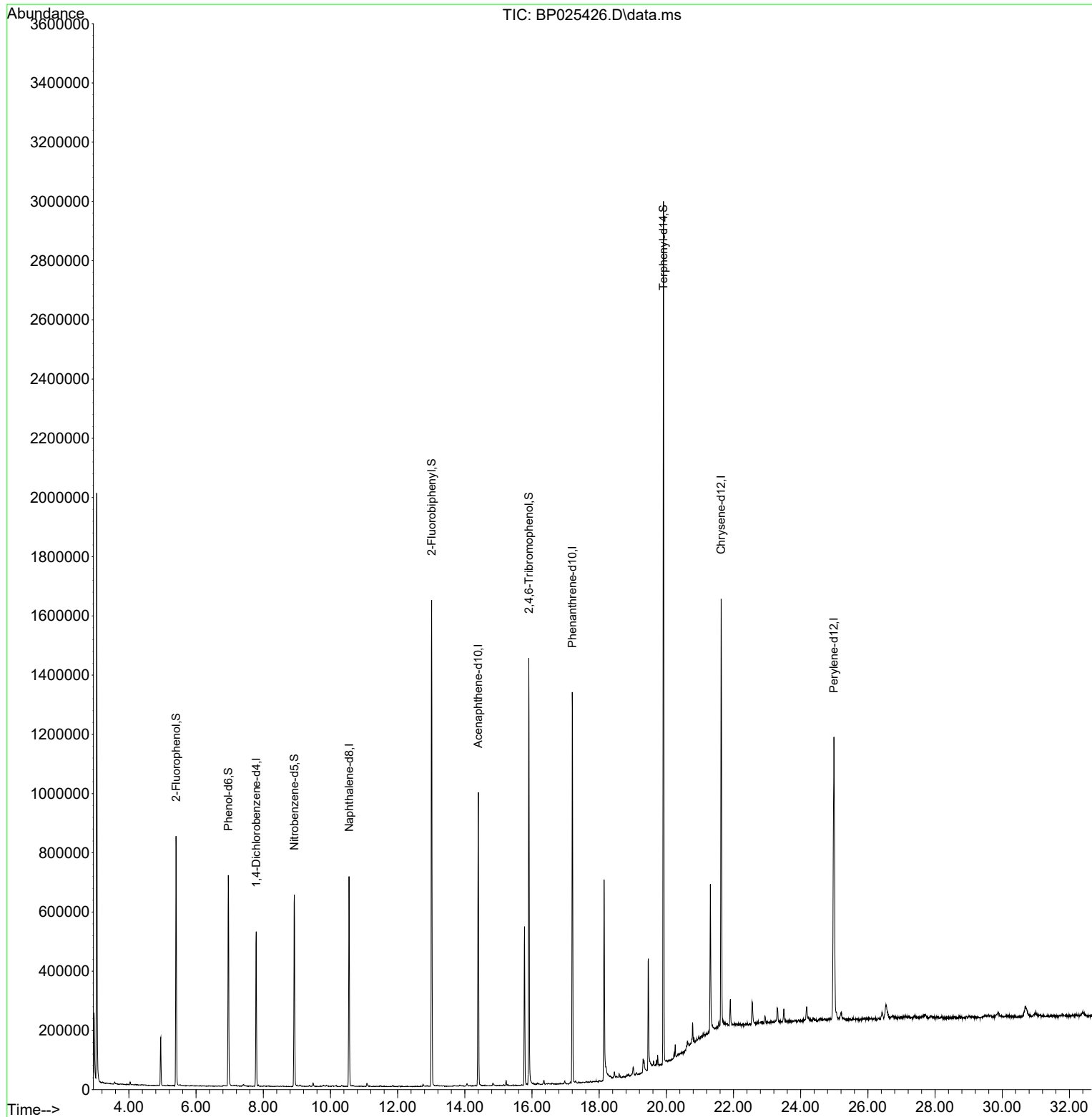
Target Compounds	Qvalue

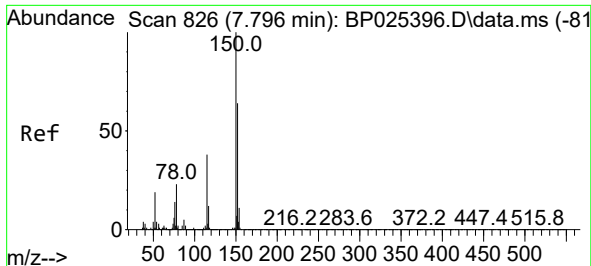
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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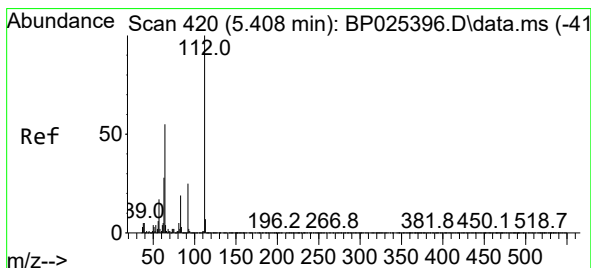
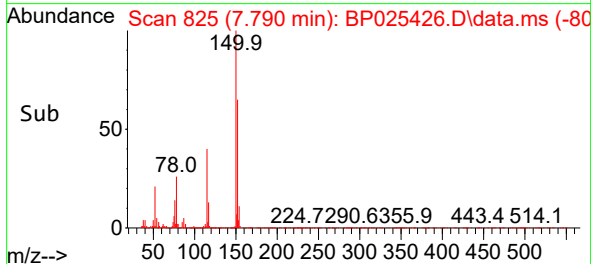
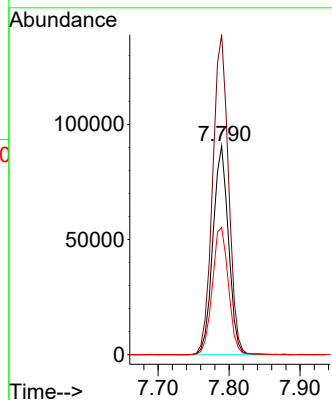
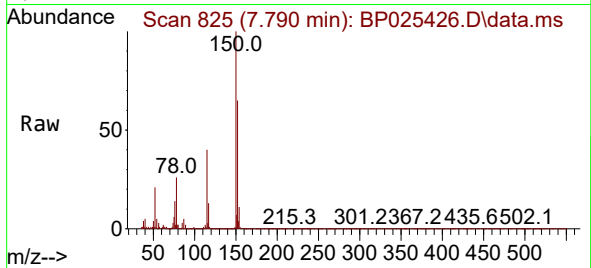




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025426.D
Acq: 15 Aug 2025 14:08

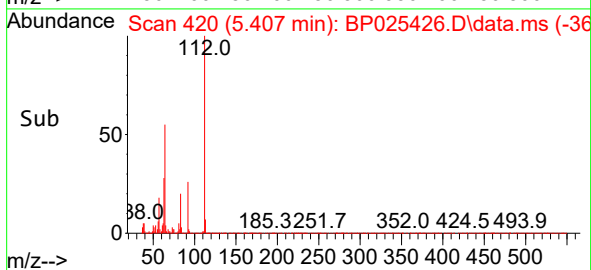
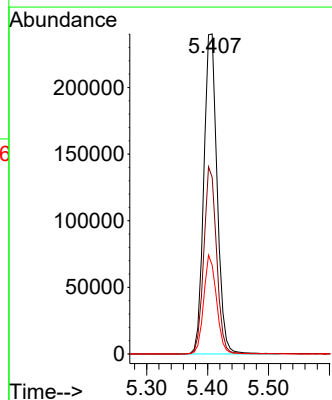
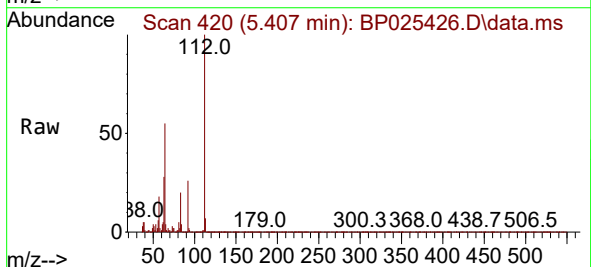
Instrument :
BNA_P
ClientSampleId :
TW-82H-ERE

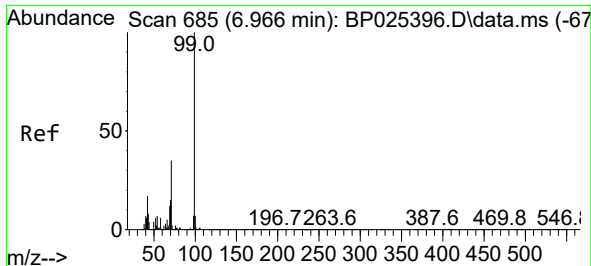
Tgt Ion:152 Resp: 137678
Ion Ratio Lower Upper
152 100
150 153.2 125.9 188.9
115 61.0 48.5 72.7



#5
2-Fluorophenol
Concen: 44.163 ng
RT: 5.407 min Scan# 420
Delta R.T. -0.000 min
Lab File: BP025426.D
Acq: 15 Aug 2025 14:08

Tgt Ion:112 Resp: 366124
Ion Ratio Lower Upper
112 100
64 55.1 43.8 65.8
63 27.7 22.7 34.1

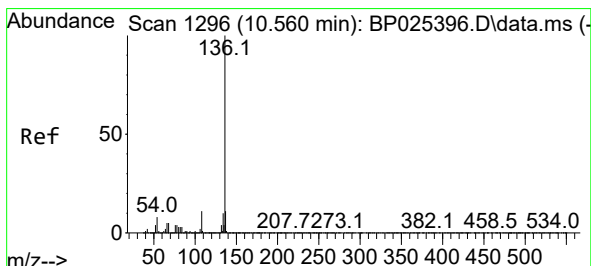
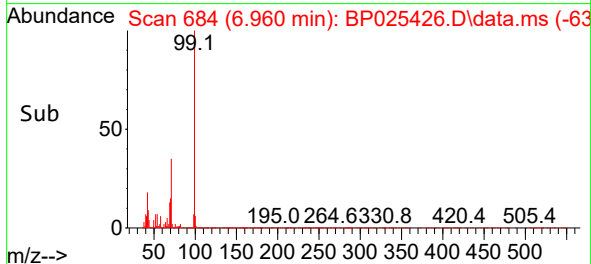
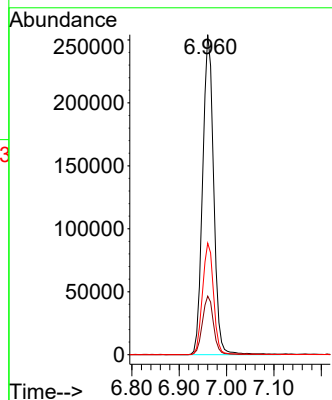
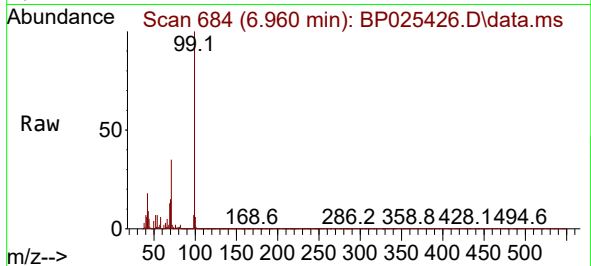




#7
Phenol-d6
Concen: 38.676 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025426.D
Acq: 15 Aug 2025 14:08

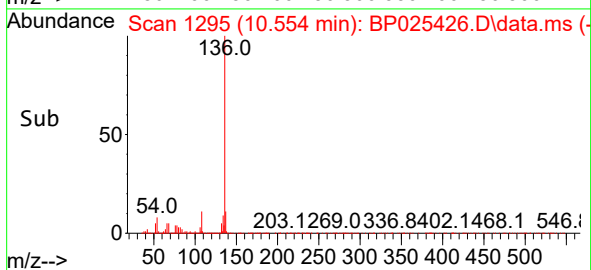
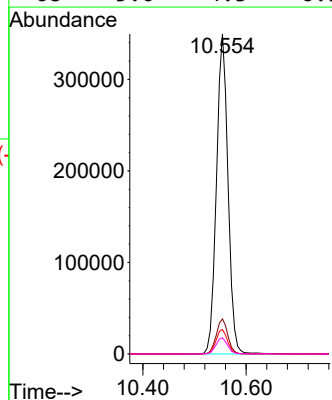
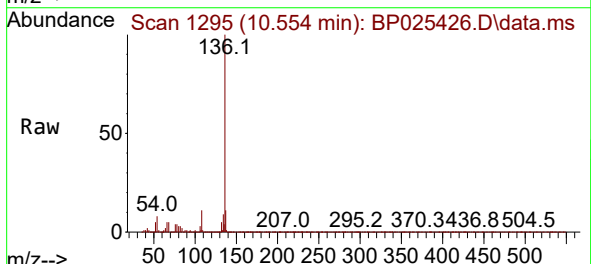
Instrument :
BNA_P
ClientSampleId :
TW-82H-ERE

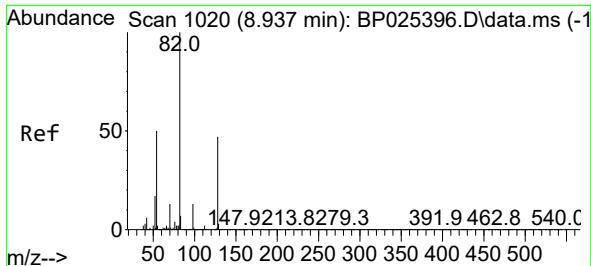
Tgt Ion: 99 Resp: 411090
Ion Ratio Lower Upper
99 100
42 18.3 13.7 20.5
71 34.8 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025426.D
Acq: 15 Aug 2025 14:08

Tgt Ion: 136 Resp: 540790
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 7.6 6.0 9.0
68 5.0 4.3 6.5

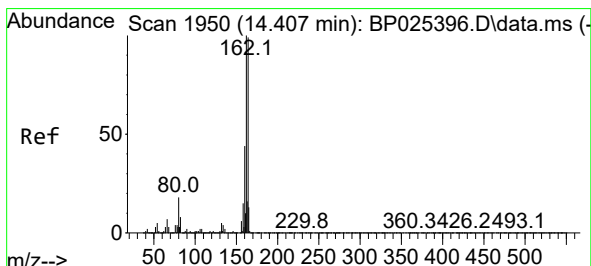
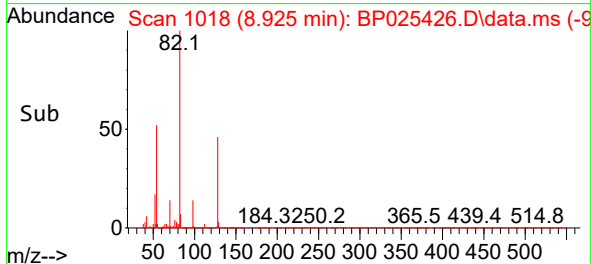
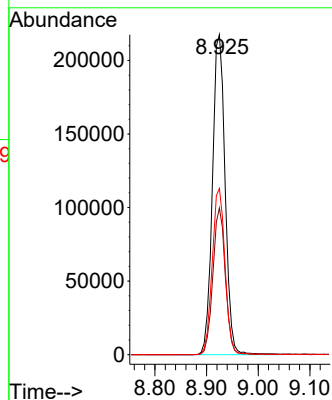
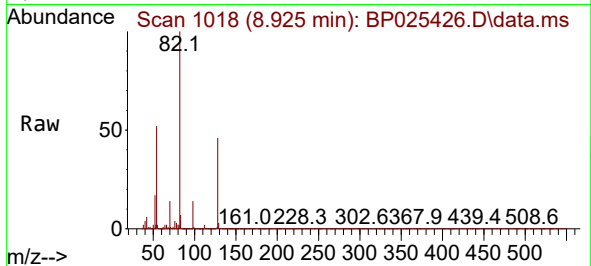




#23
Nitrobenzene-d5
Concen: 34.638 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025426.D
Acq: 15 Aug 2025 14:08

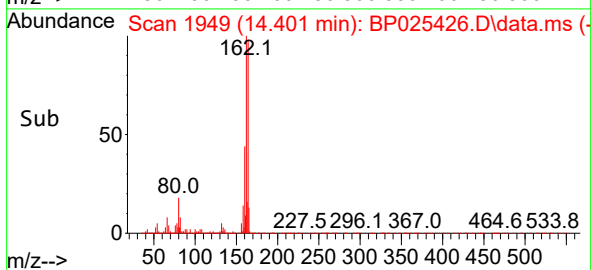
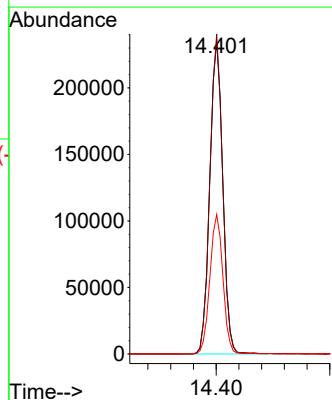
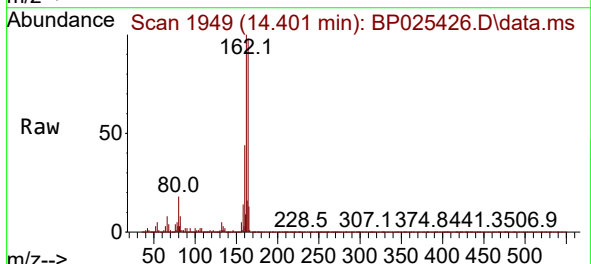
Instrument :
BNA_P
ClientSampleId :
TW-82H-ERE

Tgt Ion: 82 Resp: 370302
Ion Ratio Lower Upper
82 100
128 45.9 37.7 56.5
54 51.9 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: BP025426.D
Acq: 15 Aug 2025 14:08

Tgt Ion:164 Resp: 370556
Ion Ratio Lower Upper
164 100
162 102.4 81.0 121.6
160 44.6 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 53.942 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025426.D

Acq: 15 Aug 2025 14:08

Instrument :

BNA_P

ClientSampleId :

TW-82H-ERE

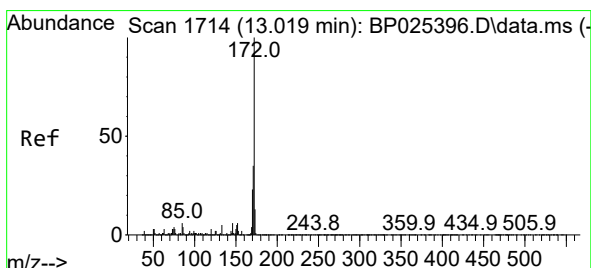
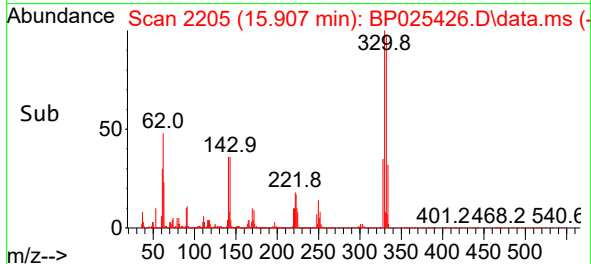
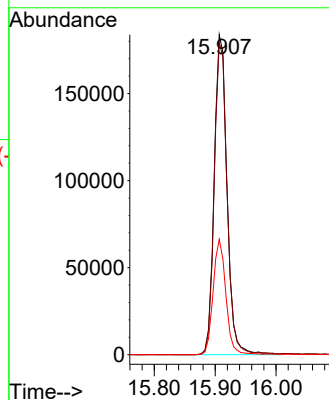
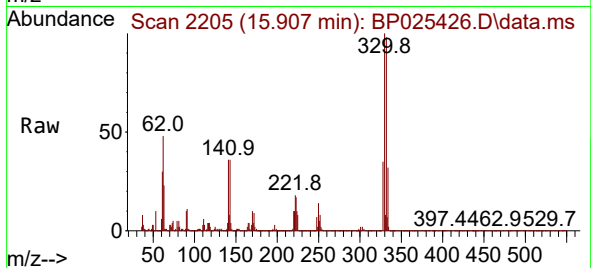
Tgt Ion:330 Resp: 269048

Ion Ratio Lower Upper

330 100

332 97.5 77.3 115.9

141 35.8 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 31.380 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025426.D

Acq: 15 Aug 2025 14:08

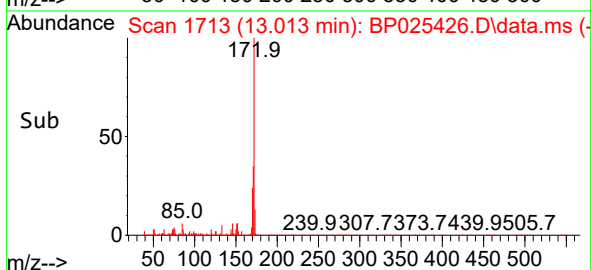
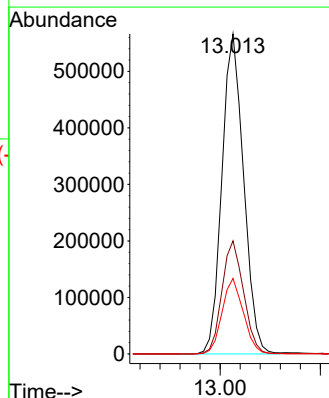
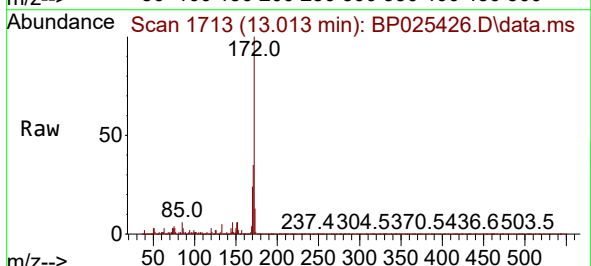
Tgt Ion:172 Resp: 850812

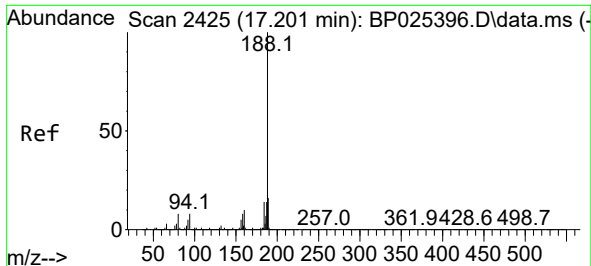
Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.6 18.6 28.0

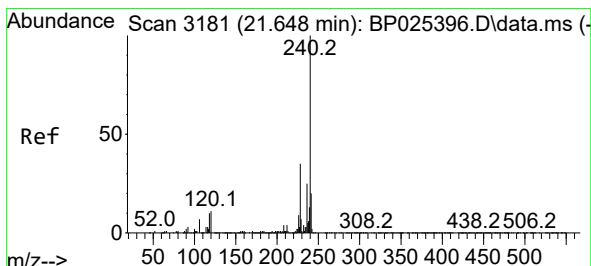
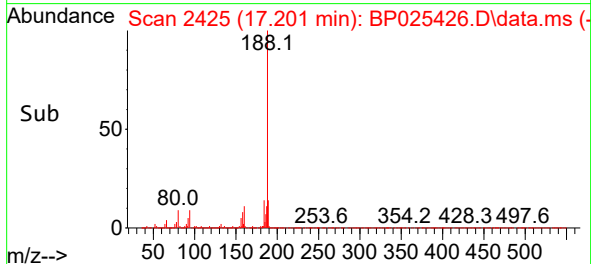
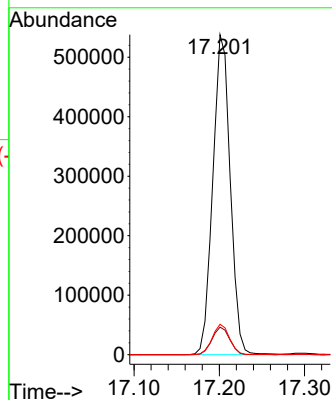
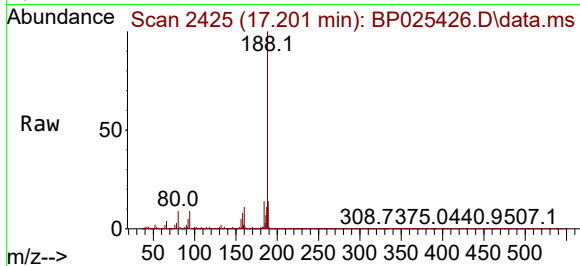




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BP025426.D
Acq: 15 Aug 2025 14:08

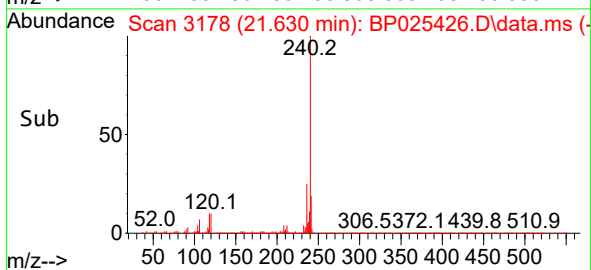
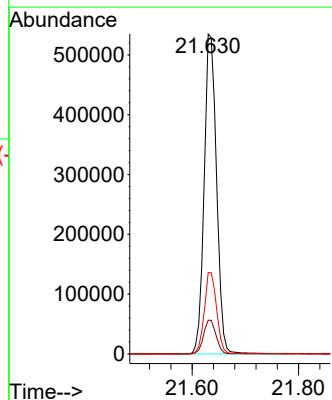
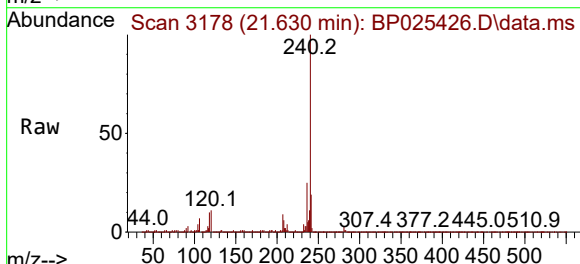
Instrument :
BNA_P
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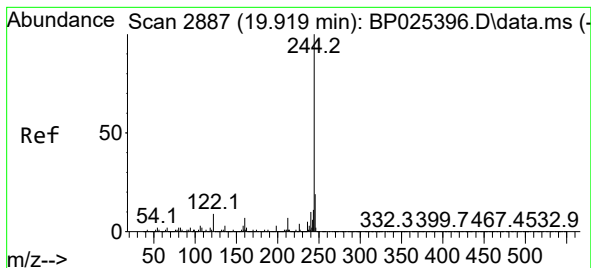
Tgt Ion:	188	Resp:	763380
Ion Ratio	Lower	Upper	
188	100		
94	8.6	6.6	10.0
80	9.5	6.7	10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.018 min
Lab File: BP025426.D
Acq: 15 Aug 2025 14:08

Tgt Ion:	240	Resp:	864878
Ion Ratio	Lower	Upper	
240	100		
120	10.6	8.9	13.3
236	25.5	19.8	29.8





#79

Terphenyl-d14

Concen: 32.753 ng

RT: 19.912 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025426.D

Acq: 15 Aug 2025 14:08

Instrument :

BNA_P

ClientSampleId :

TW-82H-ERE

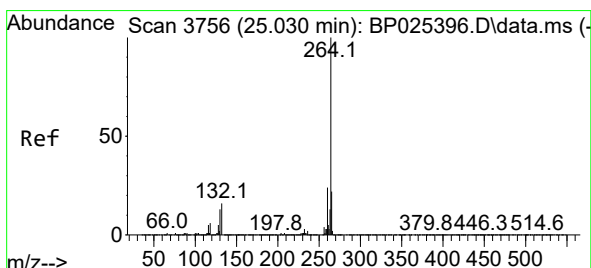
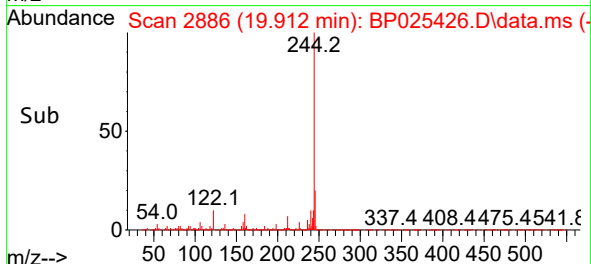
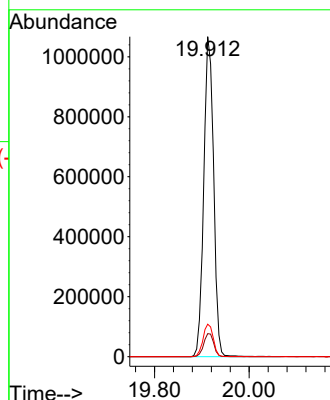
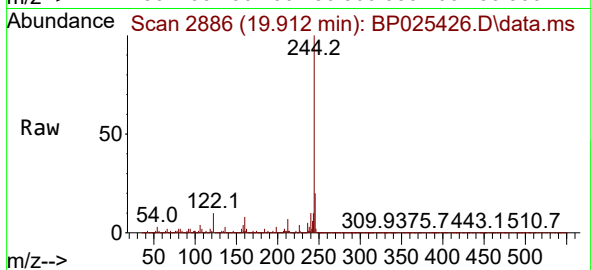
Tgt Ion:244 Resp: 1548316

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 10.2 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.989 min Scan# 3749

Delta R.T. -0.041 min

Lab File: BP025426.D

Acq: 15 Aug 2025 14:08

Tgt Ion:264 Resp: 962910

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 21.6 17.4 26.0

