

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025442.D
 Acq On : 16 Aug 2025 02:37
 Operator : CG/JU
 Sample : Q2836-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-A2-15-C

Quant Time: Aug 18 01:39:55 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	7.784	152	147501	20.000	ng	-0.01
21) Naphthalene-d8	10.555	136	606203	20.000	ng	0.00
39) Acenaphthene-d10	14.396	164	397668	20.000	ng	-0.01
64) Phenanthrene-d10	17.189	188	821358	20.000	ng	-0.01
76) Chrysene-d12	21.625	240	855091	20.000	ng	-0.02
86) Perylene-d12	24.983	264	958510	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1013065	114.060	ng	0.00
7) Phenol-d6	6.966	99	1220300	107.163	ng	0.00
23) Nitrobenzene-d5	8.925	82	897121	74.862	ng	-0.01
42) 2,4,6-Tribromophenol	15.907	330	664841	124.208	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2052257	70.531	ng	0.00
79) Terphenyl-d14	19.919	244	3503137	74.954	ng	0.00

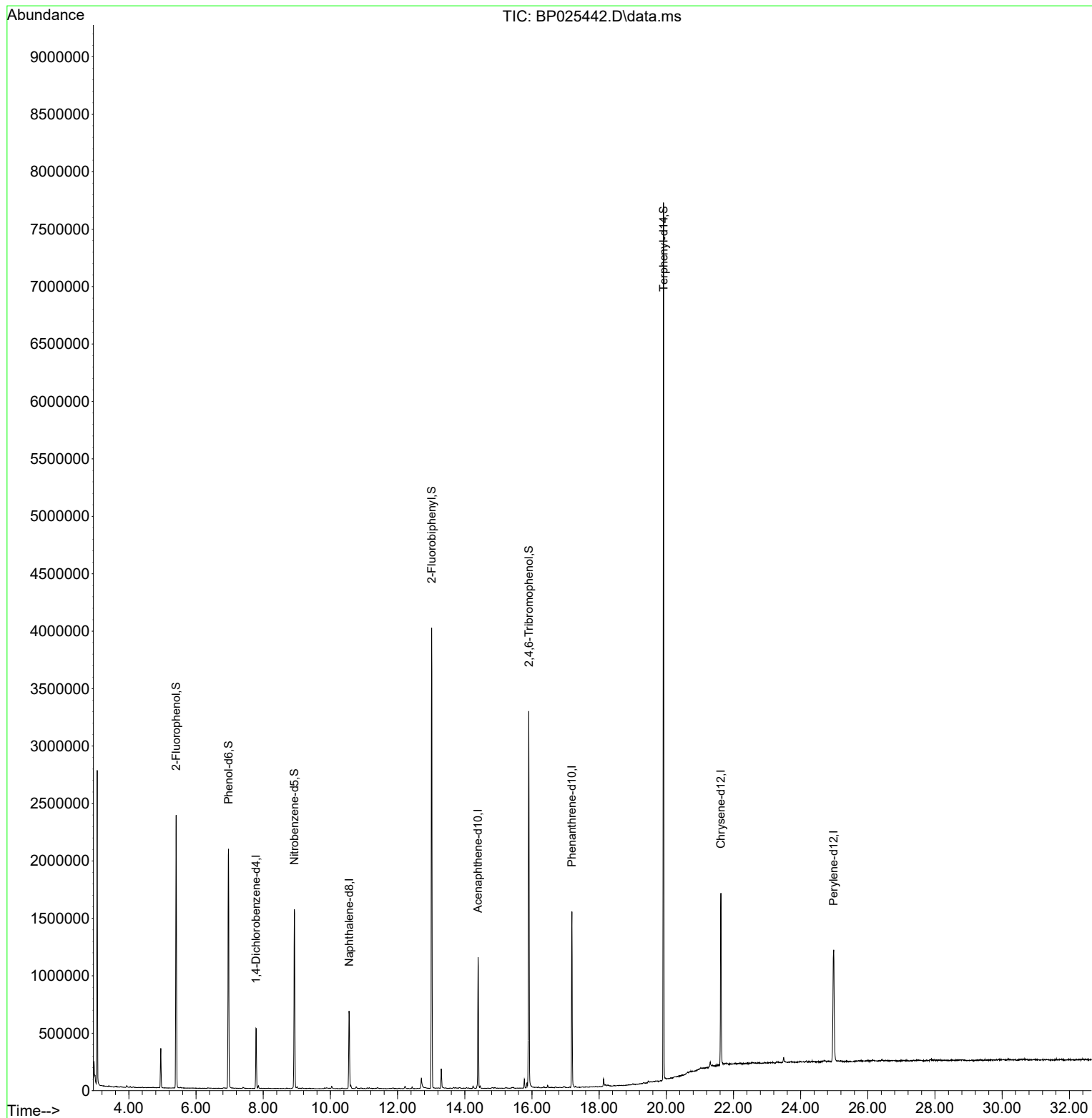
Target Compounds	Qvalue

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

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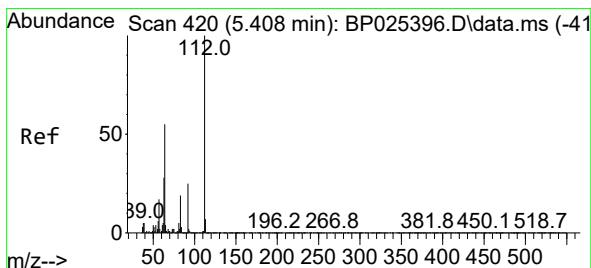
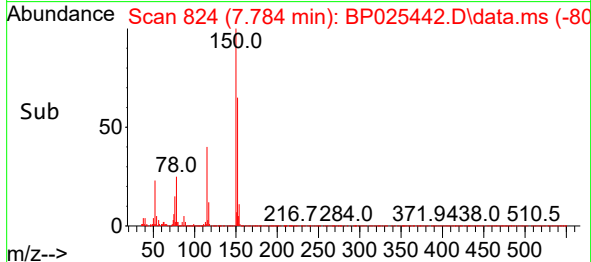
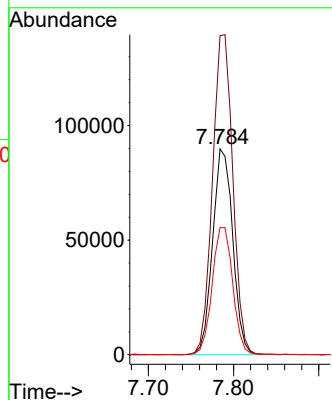
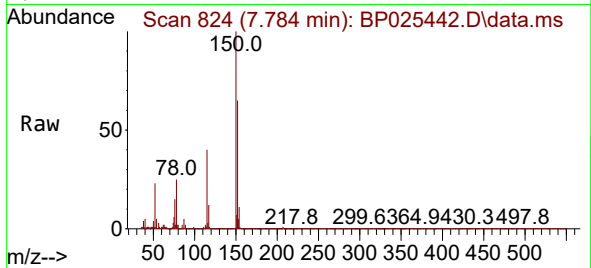




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025442.D
Acq: 16 Aug 2025 02:37

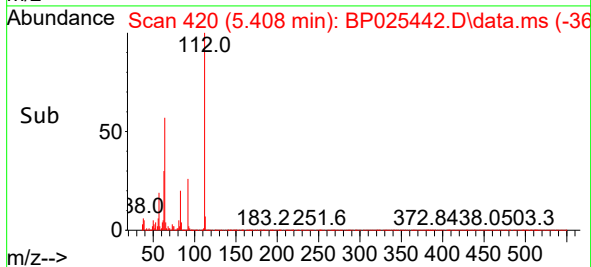
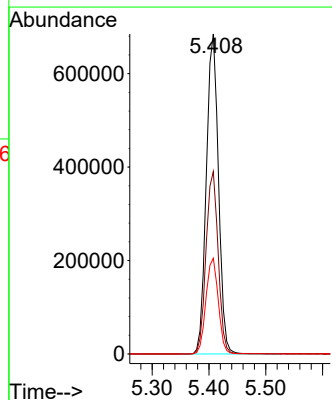
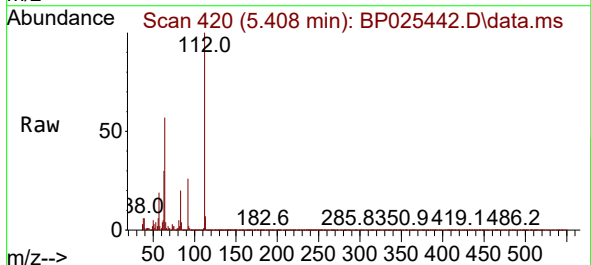
Instrument :
BNA_P
ClientSampleId :
WC-A2-15-C

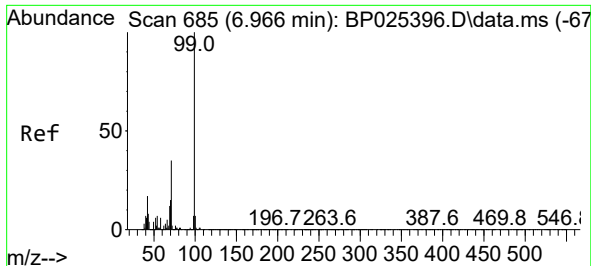
Tgt Ion:152 Resp: 147501
Ion Ratio Lower Upper
152 100
150 155.0 125.9 188.9
115 61.7 48.5 72.7



#5
2-Fluorophenol
Concen: 114.060 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025442.D
Acq: 16 Aug 2025 02:37

Tgt Ion:112 Resp: 1013065
Ion Ratio Lower Upper
112 100
64 57.0 43.8 65.8
63 29.9 22.7 34.1

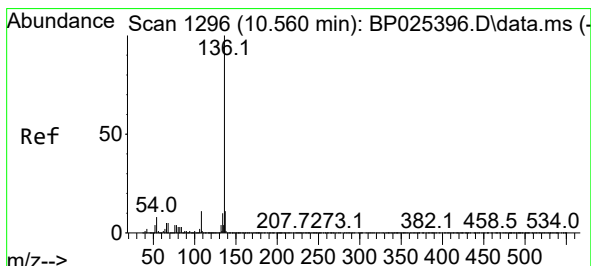
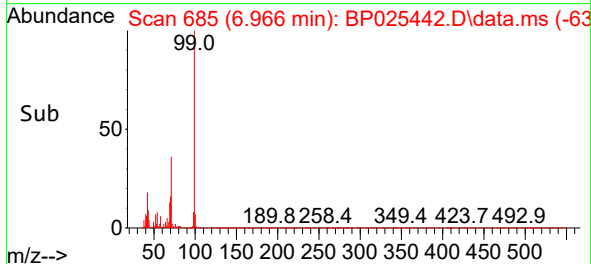
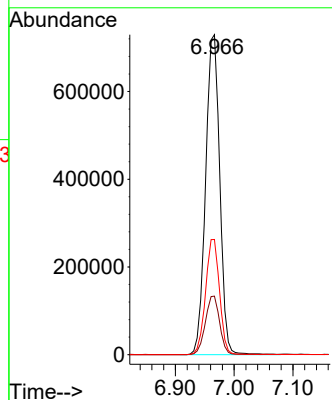
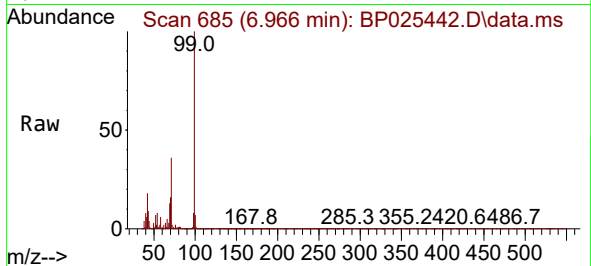




#7
Phenol-d6
Concen: 107.163 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025442.D
Acq: 16 Aug 2025 02:37

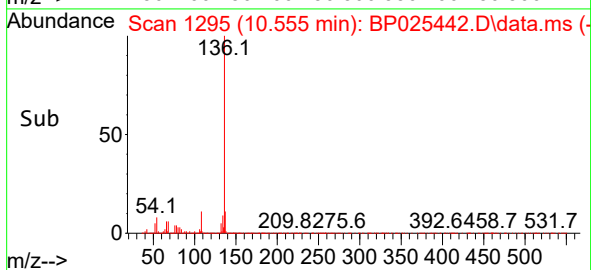
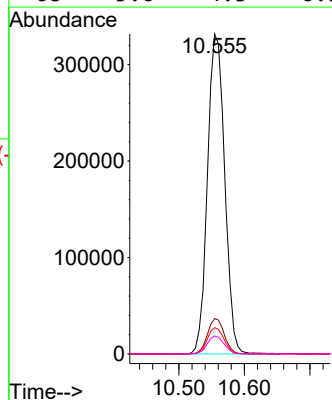
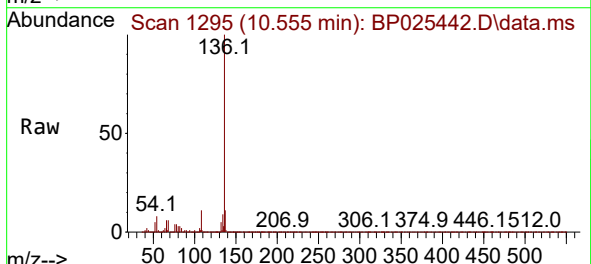
Instrument :
BNA_P
ClientSampleId :
WC-A2-15-C

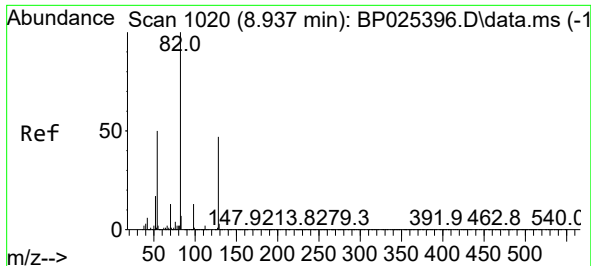
Tgt Ion: 99 Resp: 1220300
Ion Ratio Lower Upper
99 100
42 18.3 13.7 20.5
71 36.0 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.555 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025442.D
Acq: 16 Aug 2025 02:37

Tgt Ion: 136 Resp: 606203
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 8.2 6.0 9.0
68 5.6 4.3 6.5

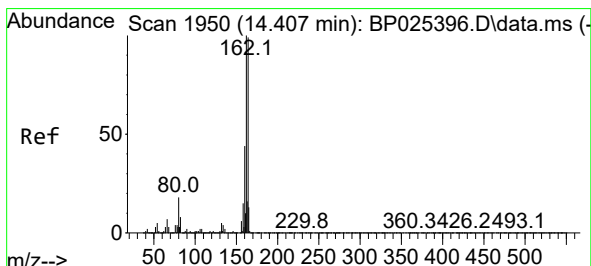
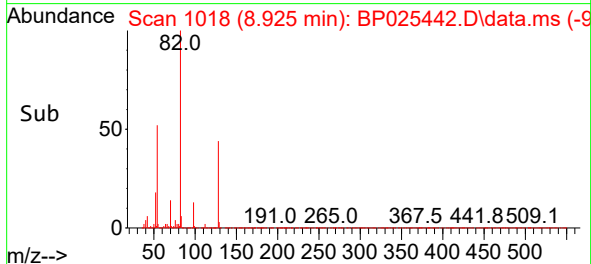
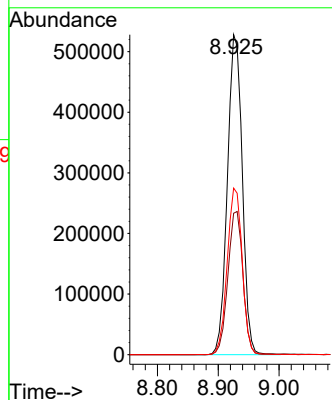
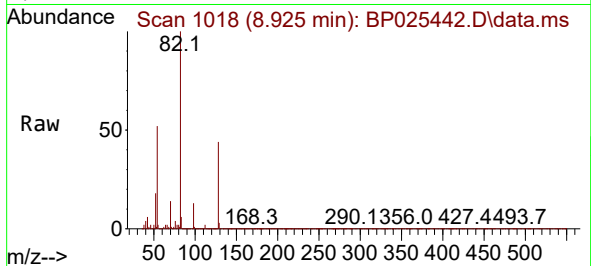




#23
Nitrobenzene-d5
Concen: 74.862 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025442.D
Acq: 16 Aug 2025 02:37

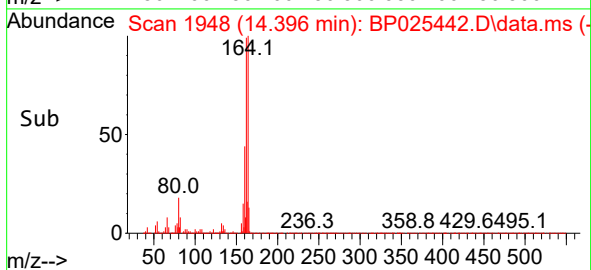
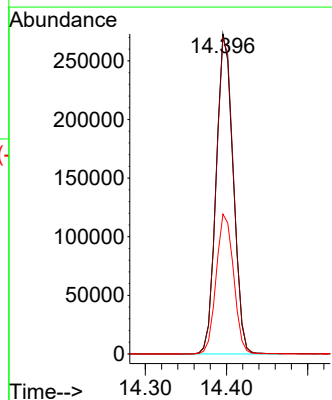
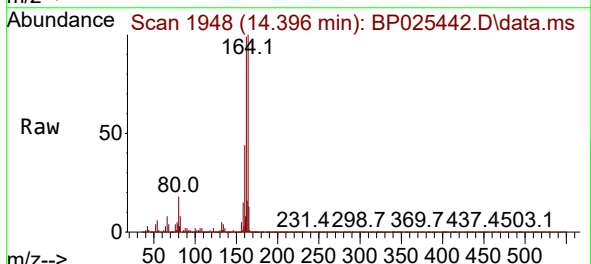
Instrument :
BNA_P
ClientSampleId :
WC-A2-15-C

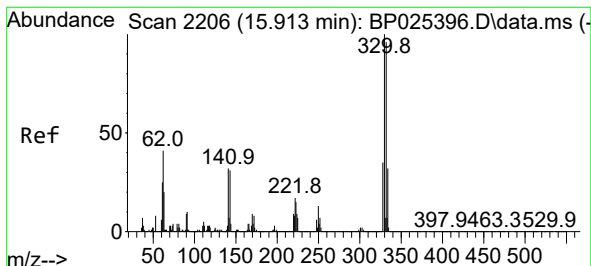
Tgt Ion: 82 Resp: 897121
Ion Ratio Lower Upper
82 100
128 44.2 37.7 56.5
54 52.1 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.396 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025442.D
Acq: 16 Aug 2025 02:37

Tgt Ion:164 Resp: 397668
Ion Ratio Lower Upper
164 100
162 98.9 81.0 121.6
160 43.7 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 124.208 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025442.D

Acq: 16 Aug 2025 02:37

Instrument :

BNA_P

ClientSampleId :

WC-A2-15-C

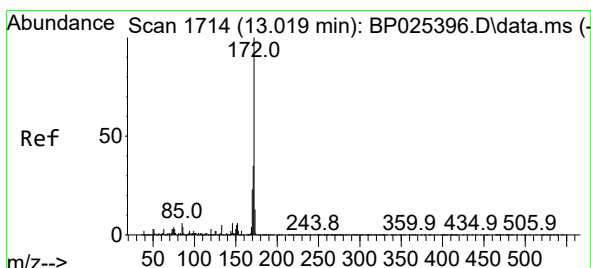
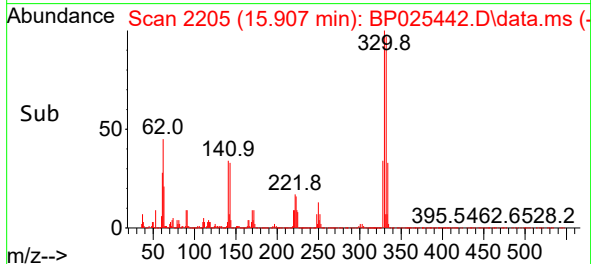
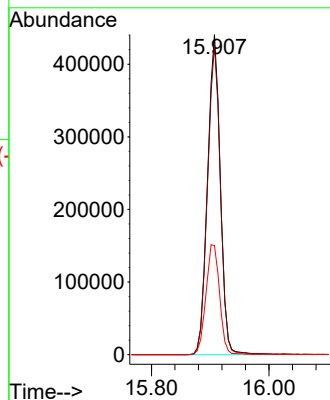
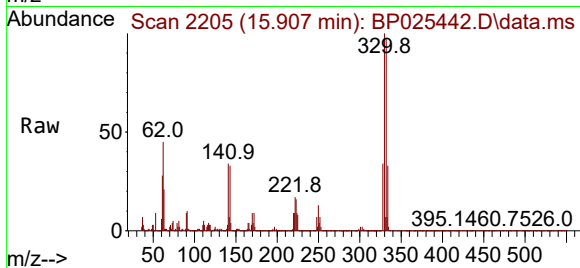
Tgt Ion:330 Resp: 664841

Ion Ratio Lower Upper

330 100

332 97.3 77.3 115.9

141 36.6 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 70.531 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025442.D

Acq: 16 Aug 2025 02:37

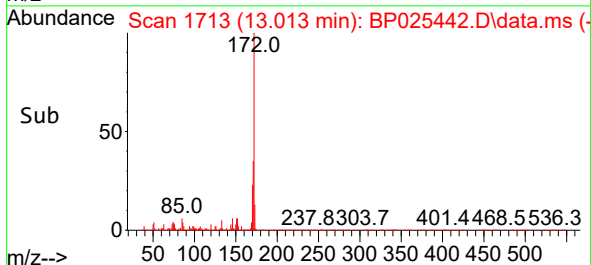
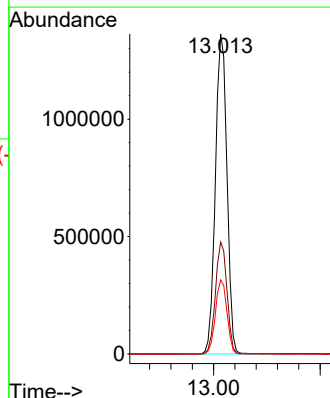
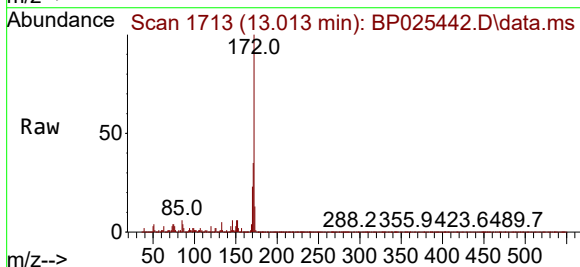
Tgt Ion:172 Resp: 2052257

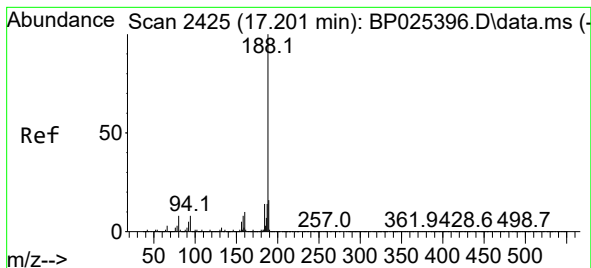
Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.1 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 24

Delta R.T. -0.012 min

Lab File: BP025442.D

Acq: 16 Aug 2025 02:37

Instrument :

BNA_P

ClientSampleId :

WC-A2-15-C

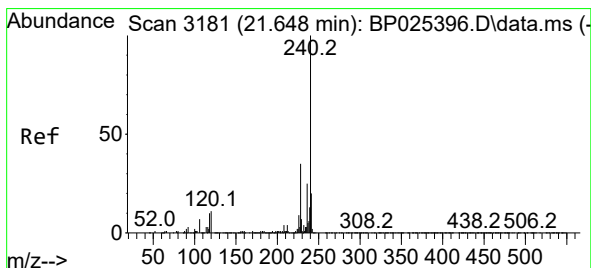
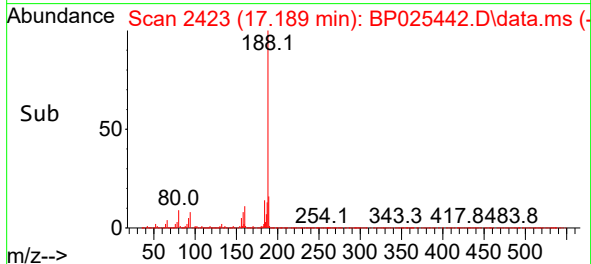
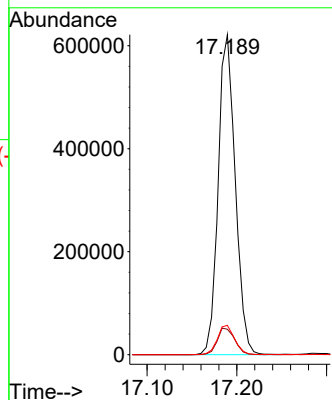
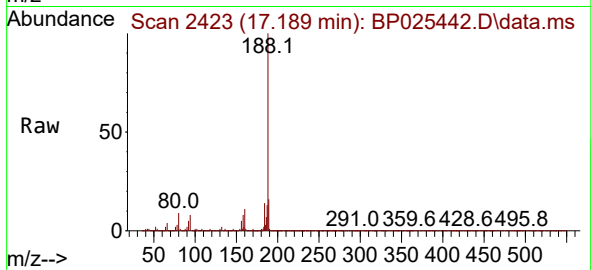
Tgt Ion:188 Resp: 821358

Ion Ratio Lower Upper

188 100

94 7.9 6.6 10.0

80 9.2 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.625 min Scan# 3177

Delta R.T. -0.023 min

Lab File: BP025442.D

Acq: 16 Aug 2025 02:37

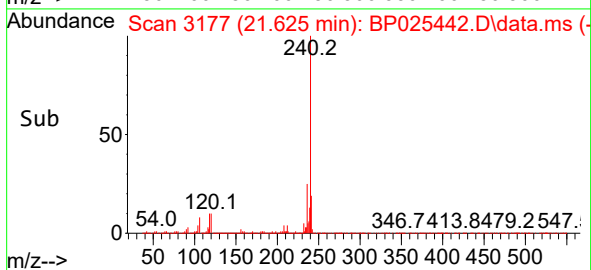
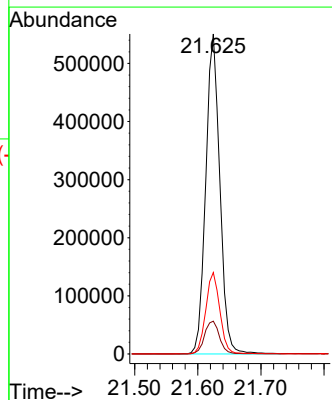
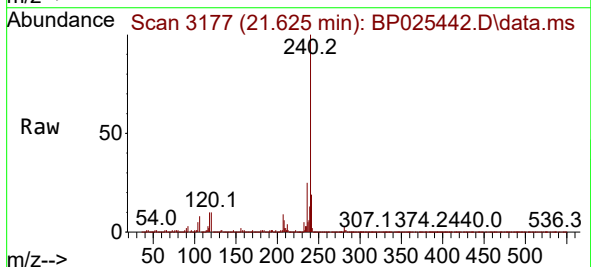
Tgt Ion:240 Resp: 855091

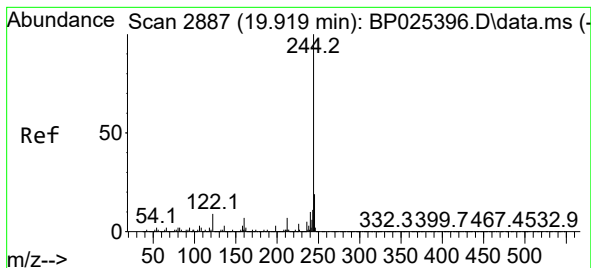
Ion Ratio Lower Upper

240 100

120 10.2 8.9 13.3

236 25.4 19.8 29.8





#79

Terphenyl-d14

Concen: 74.954 ng

RT: 19.919 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025442.D

Acq: 16 Aug 2025 02:37

Instrument :

BNA_P

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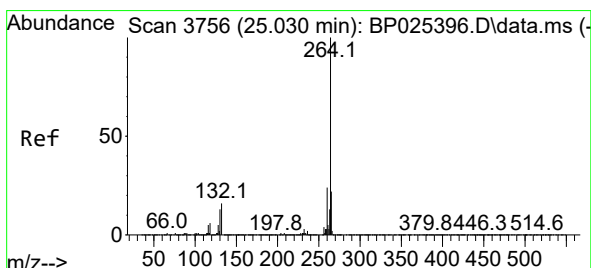
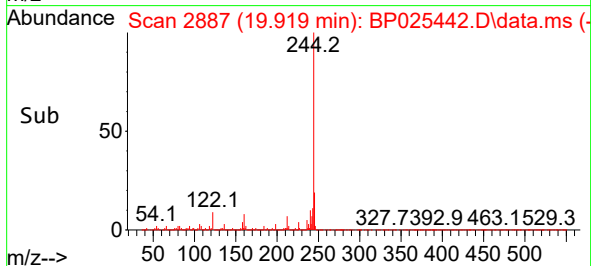
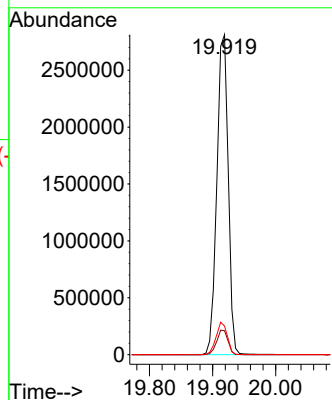
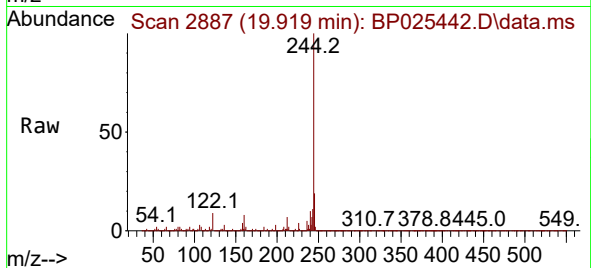
Tgt Ion:244 Resp: 3503137

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

122 9.0 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.983 min Scan# 3748

Delta R.T. -0.047 min

Lab File: BP025442.D

Acq: 16 Aug 2025 02:37

Tgt Ion:264 Resp: 958510

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 21.4 17.4 26.0

