

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025522.D
 Acq On : 21 Aug 2025 01:15
 Operator : CG/JU
 Sample : Q2814-18RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-518R-NRE

Quant Time: Aug 21 01:40:38 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)

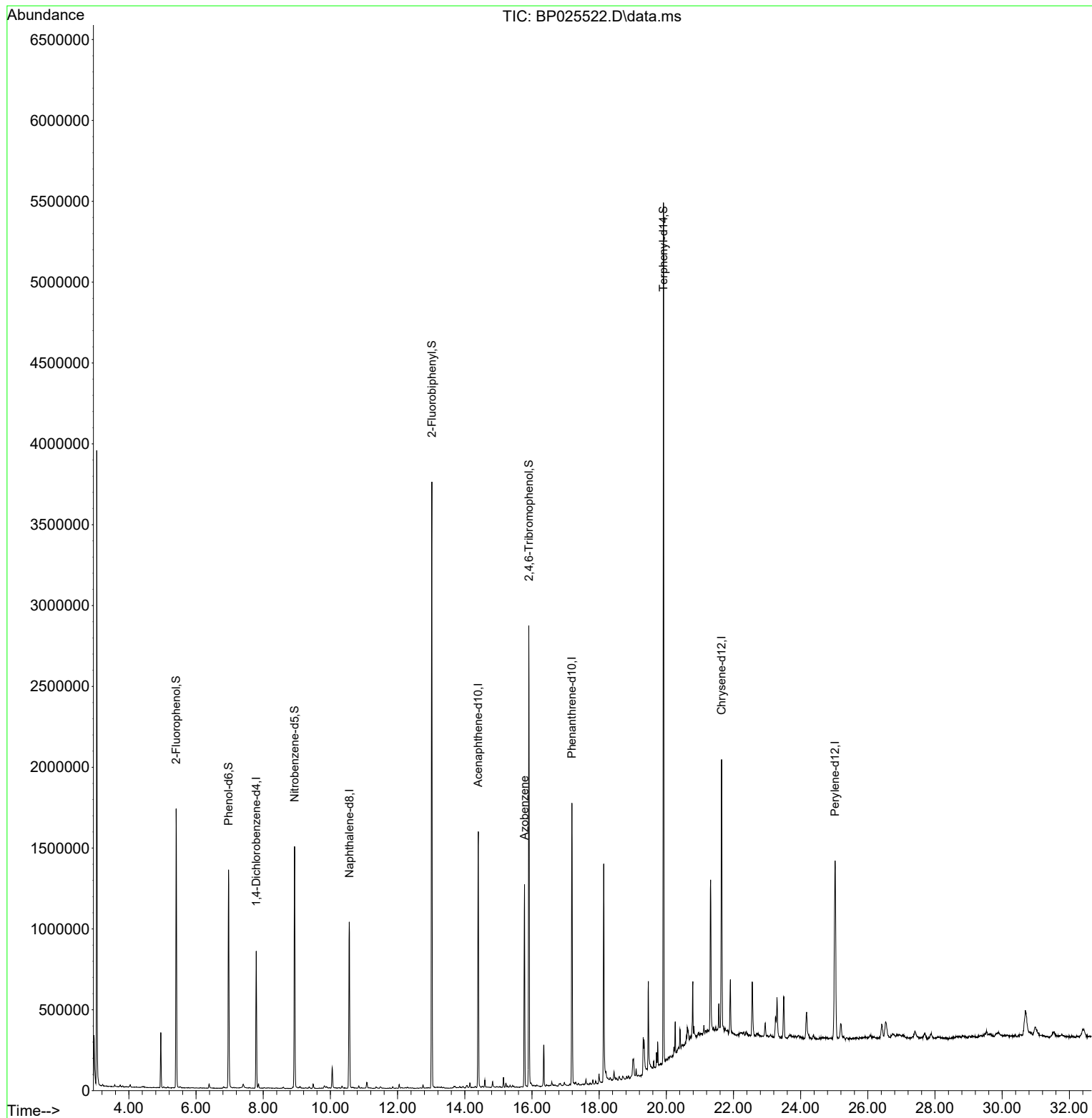
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	227667	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	906269	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	565733	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	1067338	20.000	ng	-0.01
76) Chrysene-d12	21.642	240	1097367	20.000	ng	0.00
86) Perylene-d12	25.024	264	1243286	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	734616	53.586	ng	0.00
7) Phenol-d6	6.966	99	763590	43.444	ng	0.00
23) Nitrobenzene-d5	8.931	82	847098	47.283	ng	0.00
42) 2,4,6-Tribromophenol	15.907	330	535614	70.338	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	1785576	43.136	ng	0.00
79) Terphenyl-d14	19.913	244	2594700	43.260	ng	0.00
Target Compounds						
63) Azobenzene	15.778	77	347139	9.631	ng	Qvalue # 1

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

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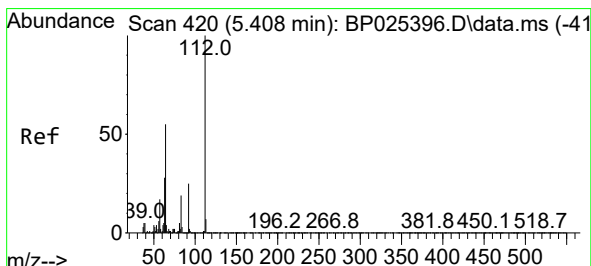
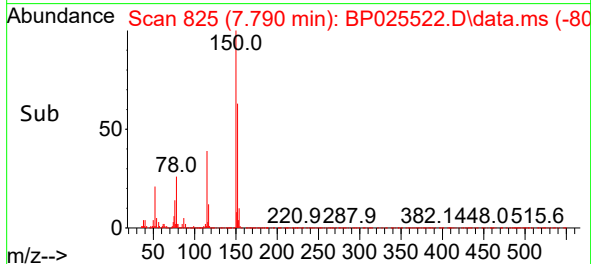
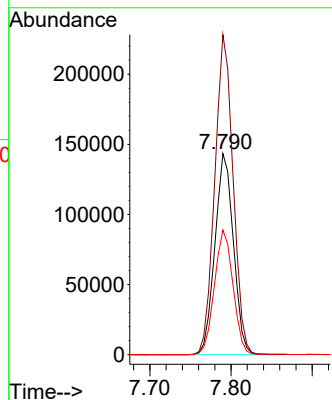
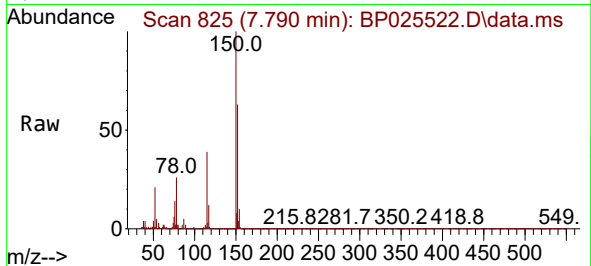




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025522.D
Acq: 21 Aug 2025 01:15

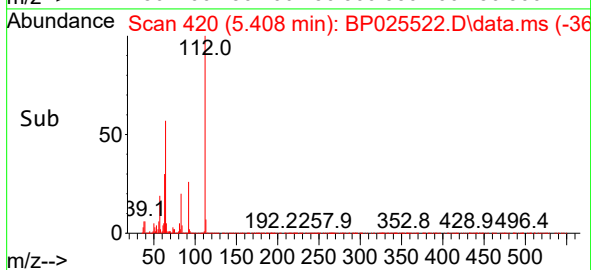
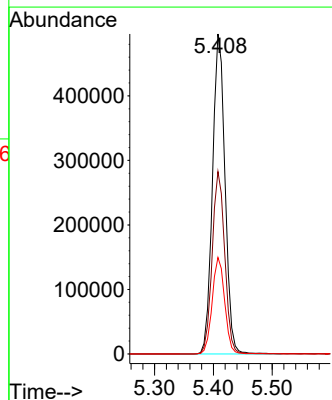
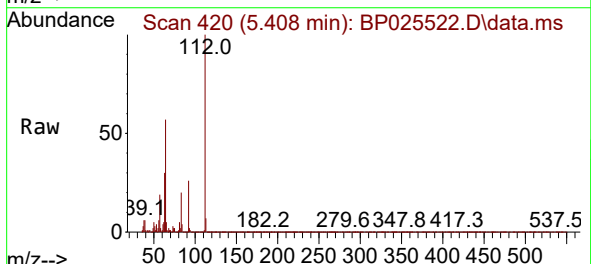
Instrument :
BNA_P
ClientSampleId :
TW-518R-NRE

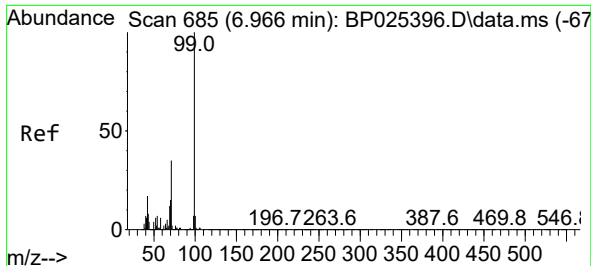
Tgt Ion:152 Resp: 227667
Ion Ratio Lower Upper
152 100
150 159.1 125.9 188.9
115 61.9 48.5 72.7



#5
2-Fluorophenol
Concen: 53.586 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025522.D
Acq: 21 Aug 2025 01:15

Tgt Ion:112 Resp: 734616
Ion Ratio Lower Upper
112 100
64 57.0 43.8 65.8
63 30.2 22.7 34.1

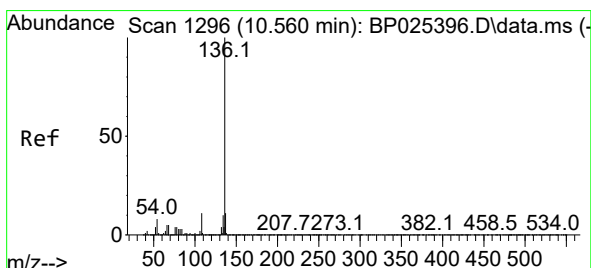
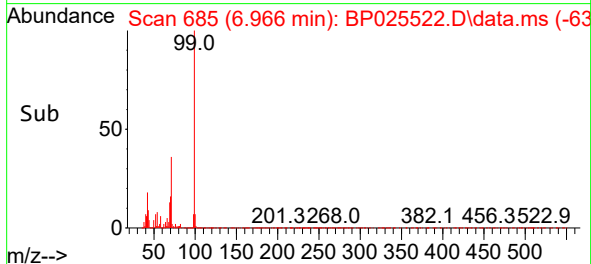
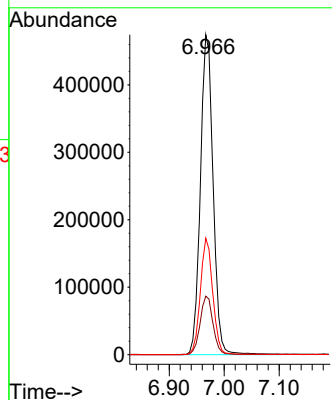
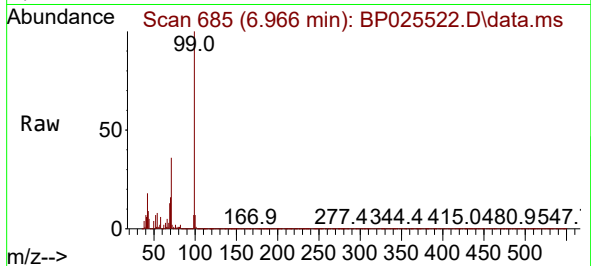




#7
Phenol-d6
Concen: 43.444 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025522.D
Acq: 21 Aug 2025 01:15

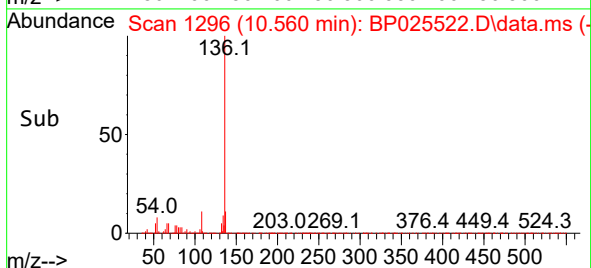
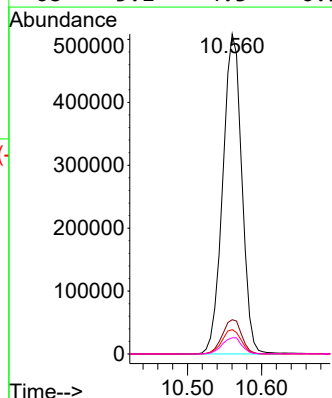
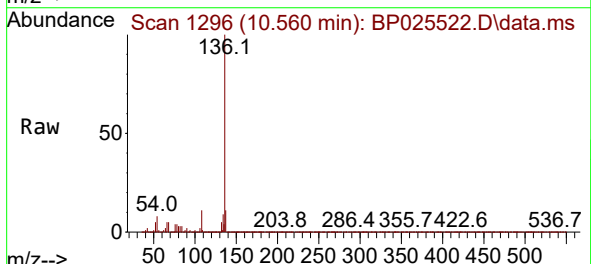
Instrument :
BNA_P
ClientSampleId :
TW-518R-NRE

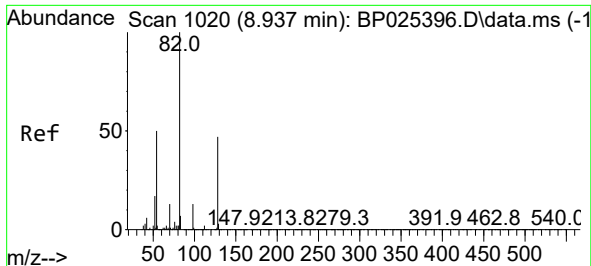
Tgt Ion: 99 Resp: 763590
Ion Ratio Lower Upper
99 100
42 18.3 13.7 20.5
71 36.4 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025522.D
Acq: 21 Aug 2025 01:15

Tgt Ion: 136 Resp: 906269
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 7.6 6.0 9.0
68 5.1 4.3 6.5

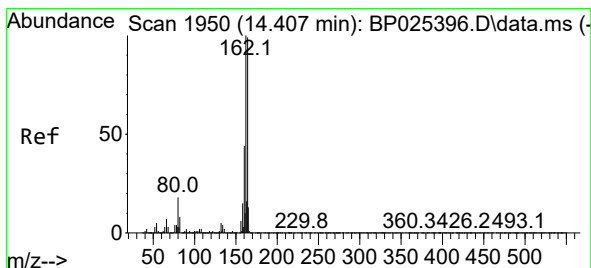
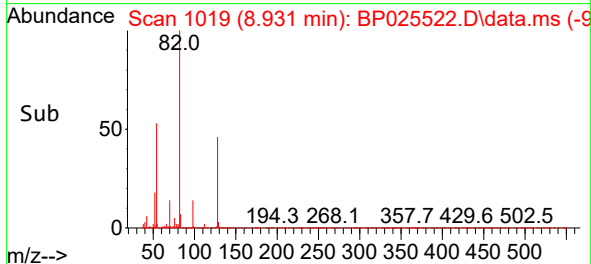
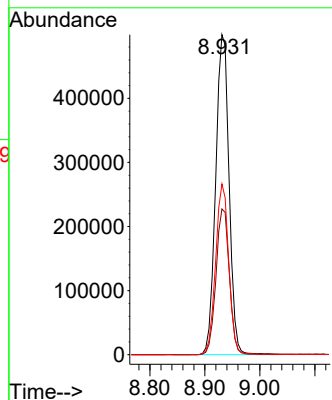
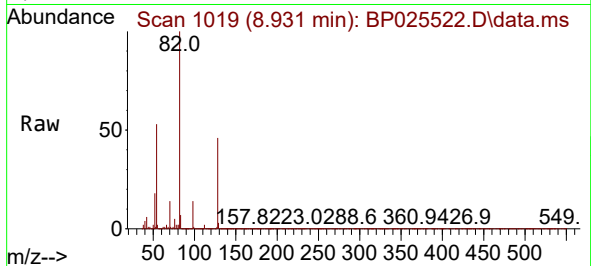




#23
Nitrobenzene-d5
Concen: 47.283 ng
RT: 8.931 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP025522.D
Acq: 21 Aug 2025 01:15

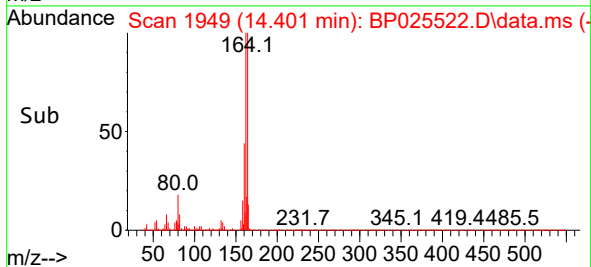
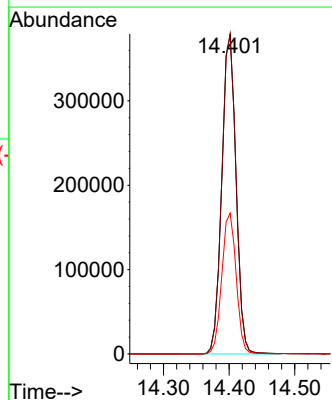
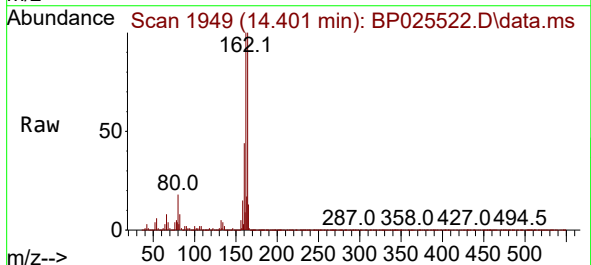
Instrument :
BNA_P
ClientSampleId :
TW-518R-NRE

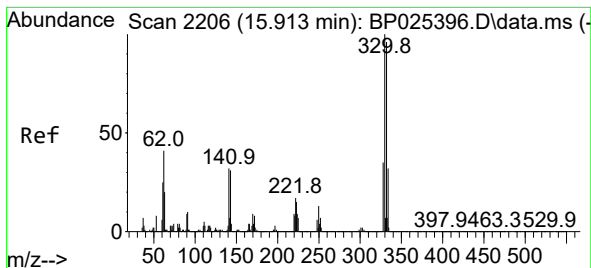
Tgt Ion: 82 Resp: 847098
Ion Ratio Lower Upper
82 100
128 45.5 37.7 56.5
54 53.4 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025522.D
Acq: 21 Aug 2025 01:15

Tgt Ion:164 Resp: 565733
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.6
160 44.2 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 70.338 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025522.D

Acq: 21 Aug 2025 01:15

Instrument :

BNA_P

ClientSampleId :

TW-518R-NRE

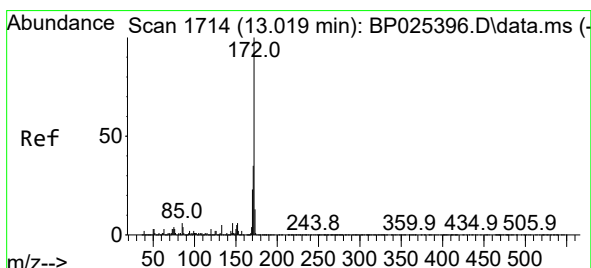
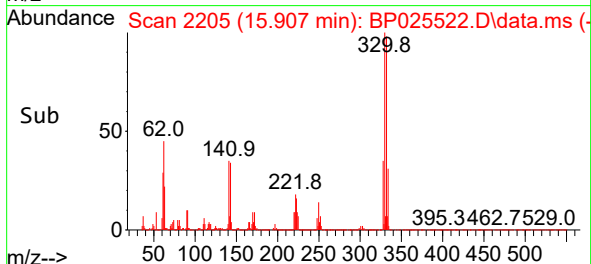
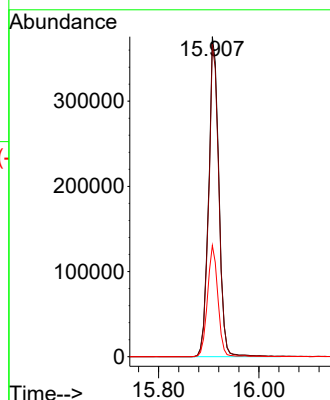
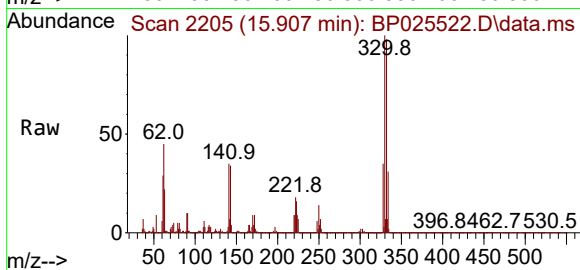
Tgt Ion:330 Resp: 535614

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

141 34.9 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 43.136 ng

RT: 13.019 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BP025522.D

Acq: 21 Aug 2025 01:15

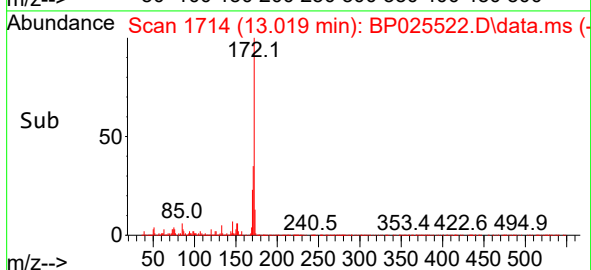
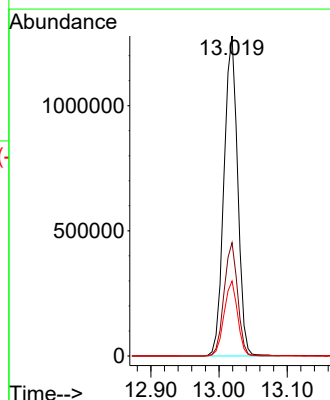
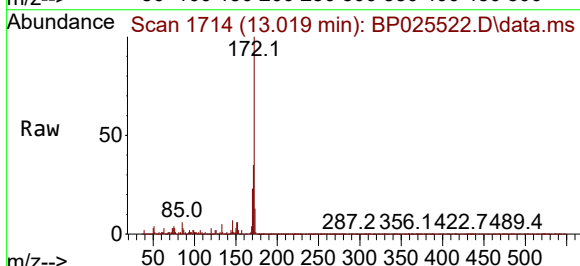
Tgt Ion:172 Resp: 1785576

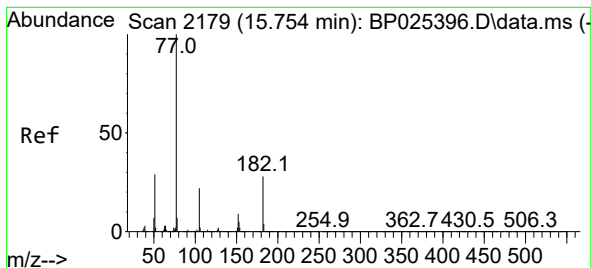
Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 23.4 18.6 28.0





#63

Azobenzene

Concen: 9.631 ng

RT: 15.778 min Scan# 21

Delta R.T. 0.024 min

Lab File: BP025522.D

Acq: 21 Aug 2025 01:15

Instrument :

BNA_P

ClientSampleId :

TW-518R-NRE

Tgt Ion: 77 Resp: 347139

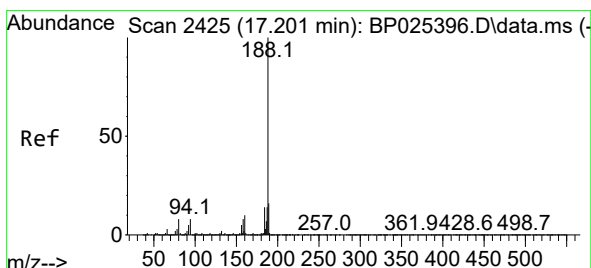
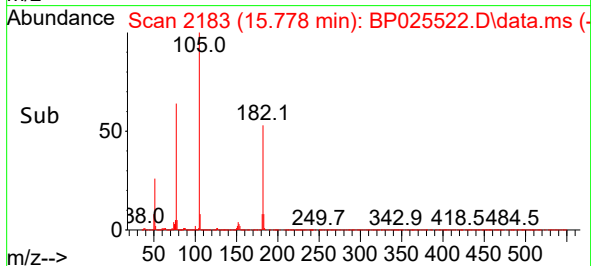
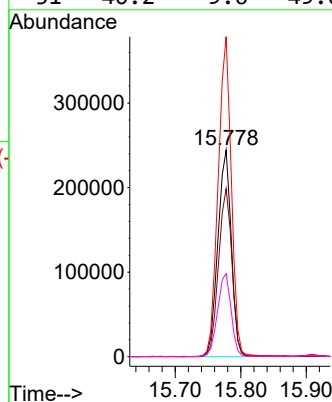
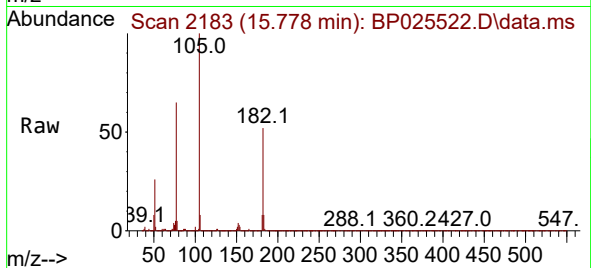
Ion Ratio Lower Upper

77 100

182 81.3 7.5 47.5#

105 154.9 2.1 42.1#

51 40.2 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 2423

Delta R.T. -0.012 min

Lab File: BP025522.D

Acq: 21 Aug 2025 01:15

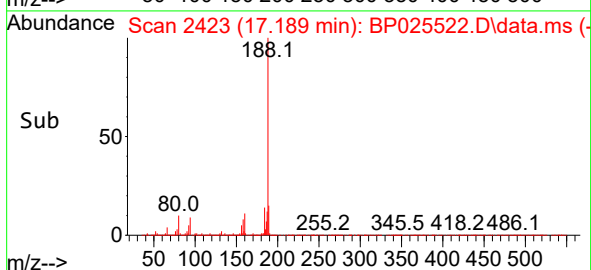
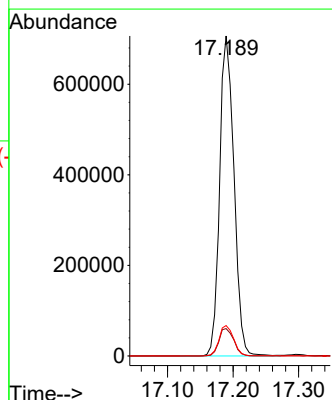
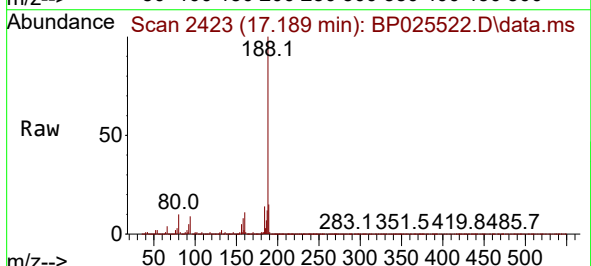
Tgt Ion:188 Resp: 1067338

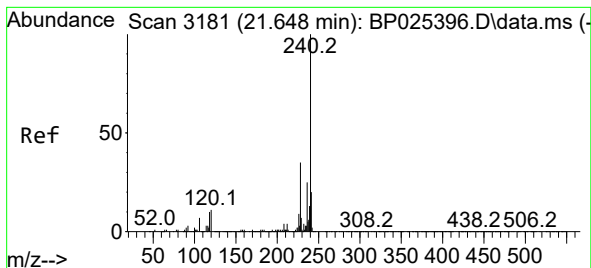
Ion Ratio Lower Upper

188 100

94 8.5 6.6 10.0

80 9.5 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.642 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP025522.D

Acq: 21 Aug 2025 01:15

Instrument :

BNA_P

ClientSampleId :

TW-518R-NRE

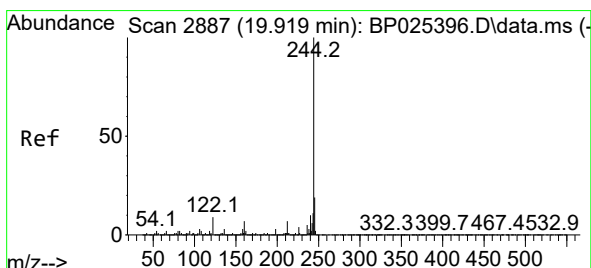
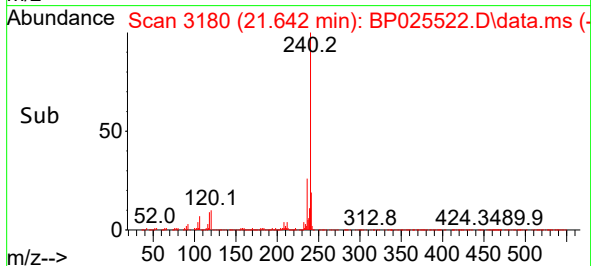
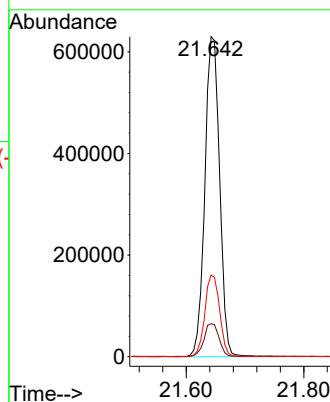
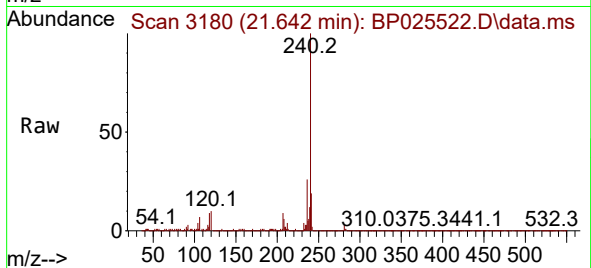
Tgt Ion:240 Resp: 1097367

Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

236 25.6 19.8 29.8



#79

Terphenyl-d14

Concen: 43.260 ng

RT: 19.913 min Scan# 2886

Delta R.T. -0.006 min

Lab File: BP025522.D

Acq: 21 Aug 2025 01:15

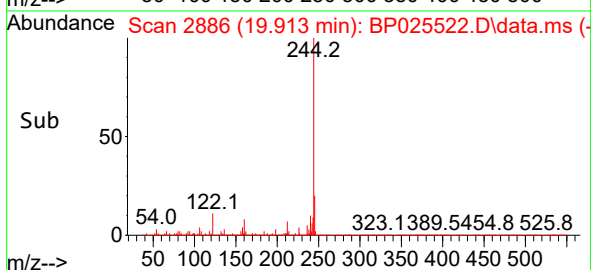
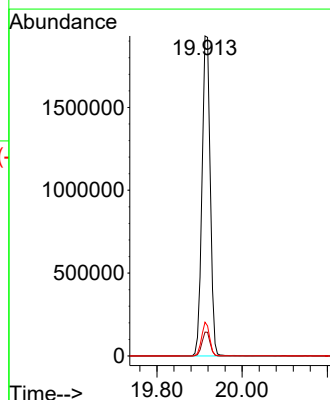
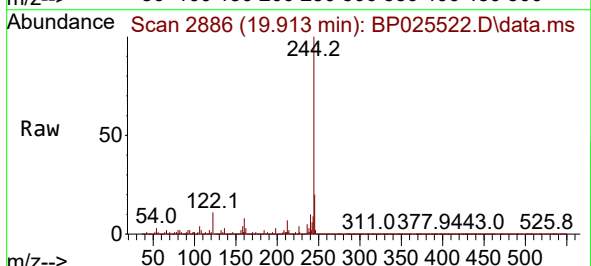
Tgt Ion:244 Resp: 2594700

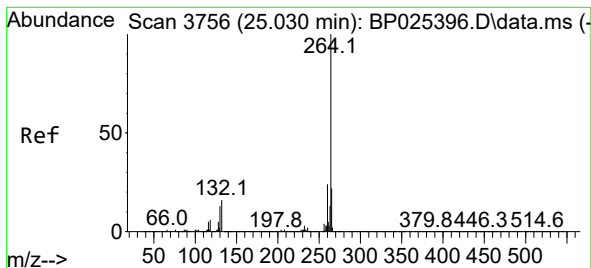
Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

122 10.5 7.4 11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.024 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP025522.D

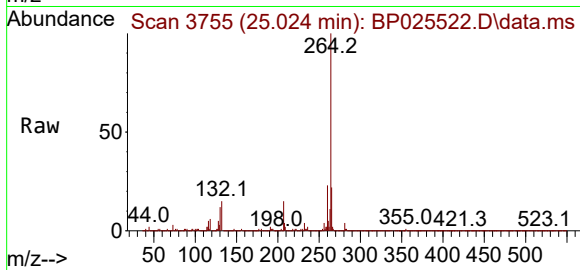
Acq: 21 Aug 2025 01:15

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Tgt Ion:264 Resp: 1243286

Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 21.8 17.4 26.0

