

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

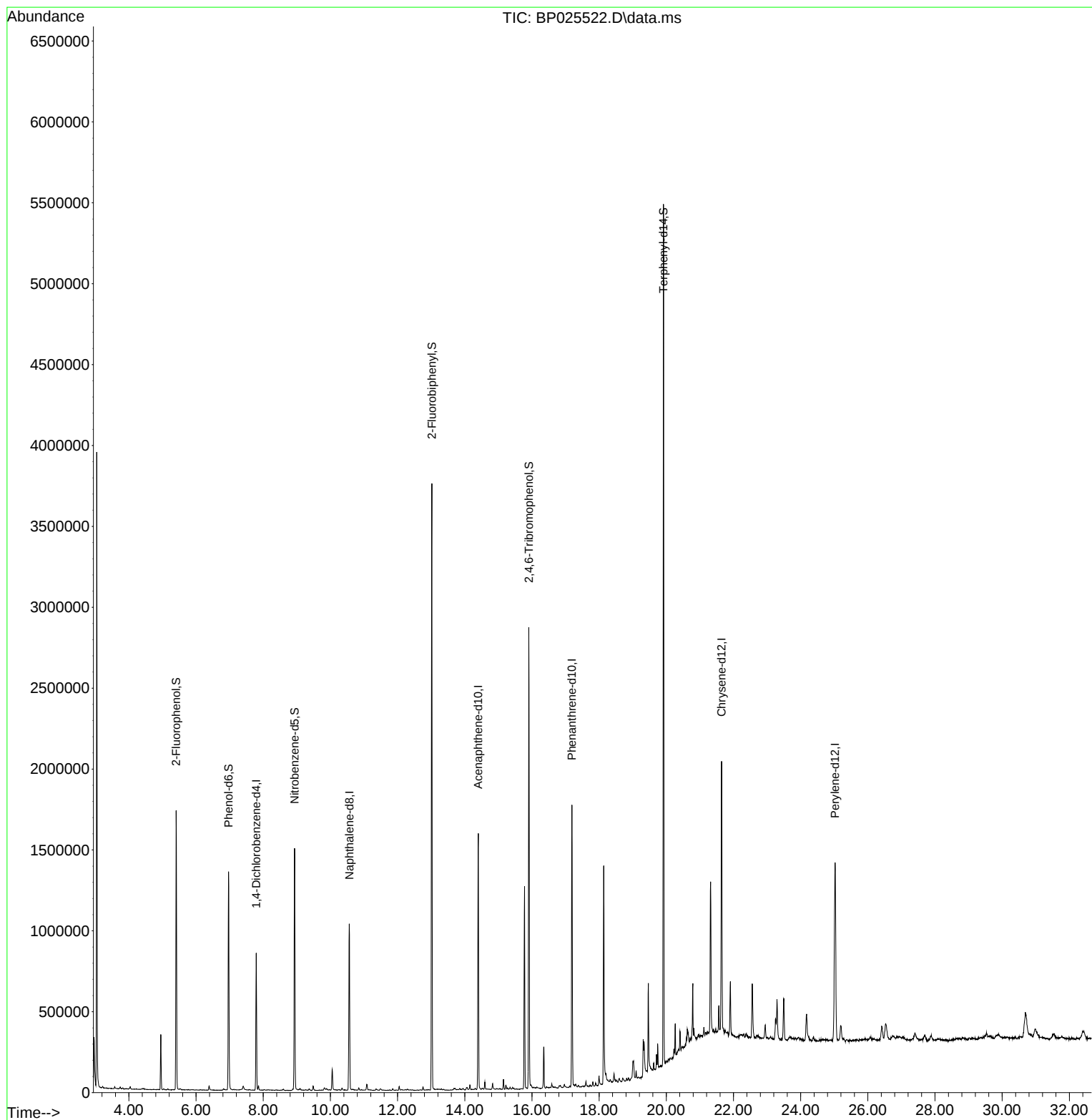
Target Compounds	Qvalue

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

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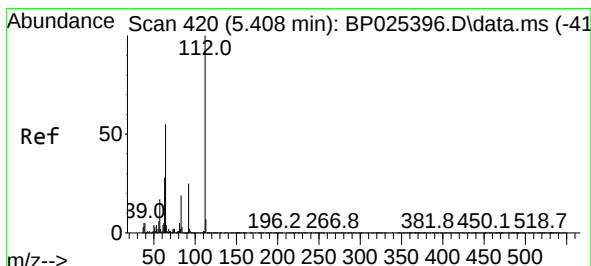
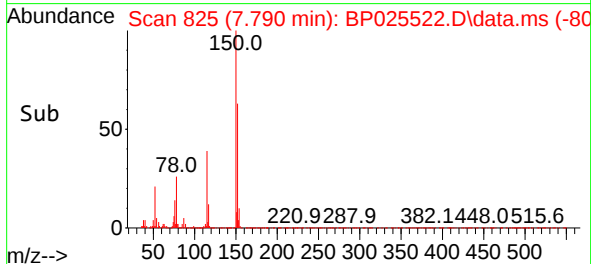
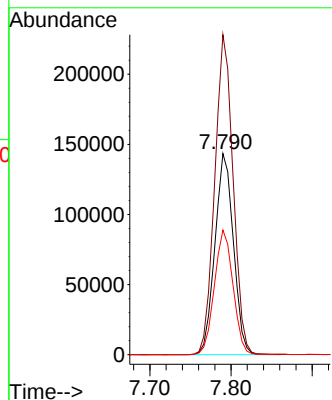
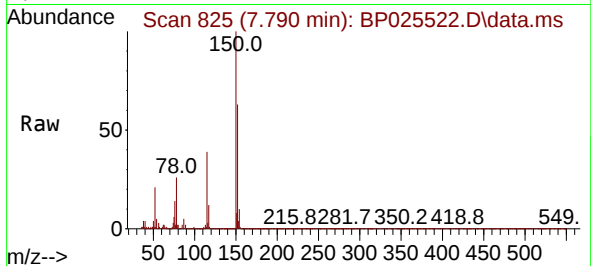




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.790 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025522.D
 Acq: 21 Aug 2025 01:15

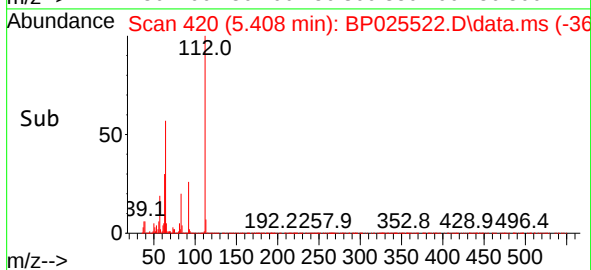
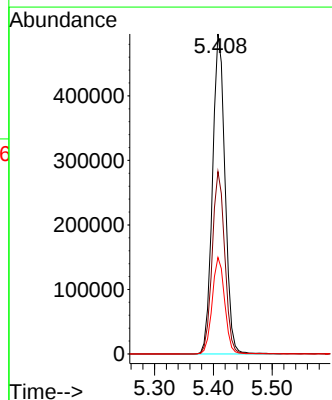
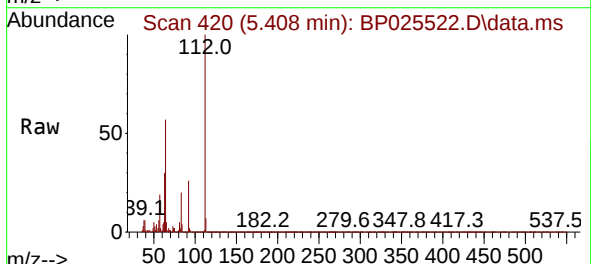
Instrument :
 BNA_P
 ClientSampleId :
 TW-518R-NRE

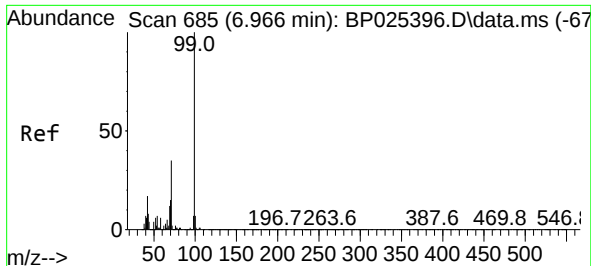
Tgt Ion:152 Resp: 227667
 Ion Ratio Lower Upper
 152 100
 150 159.1 125.9 188.9
 115 61.9 48.5 72.7



#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

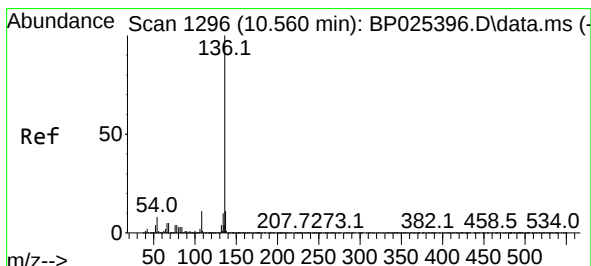
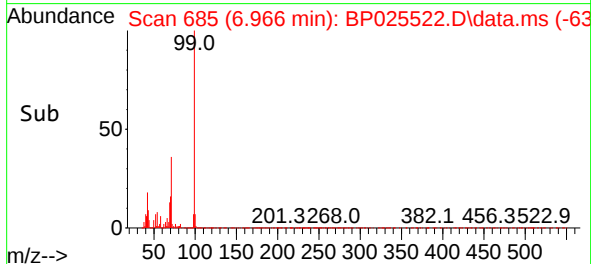
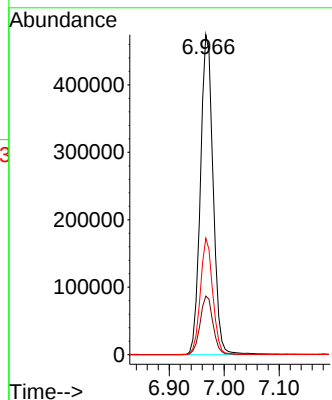
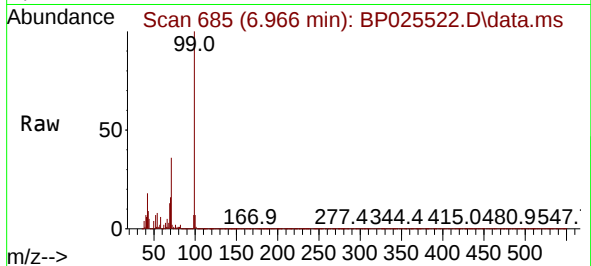




#7
Phenol-d6
Concen: 43.444 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025522.D
Acq: 21 Aug 2025 01:15

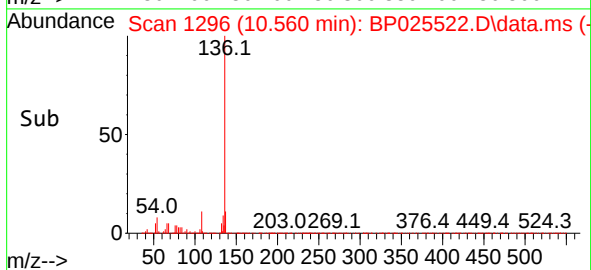
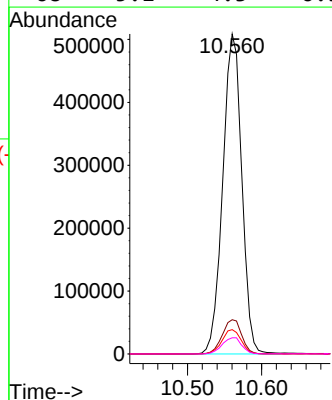
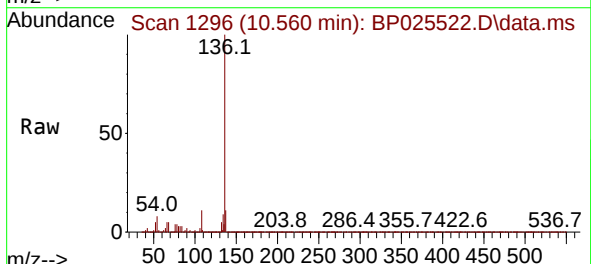
Instrument :
BNA_P
ClientSampleId :
TW-518R-NRE

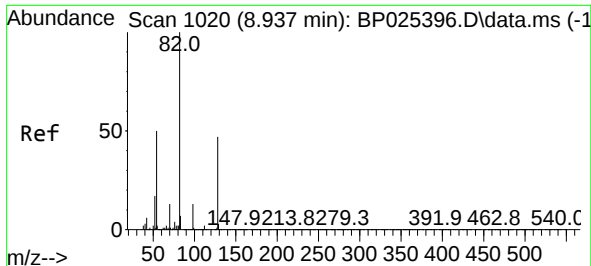
Tgt Ion:	99	Resp:	763590
Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.7	20.5
71	36.4	28.2	42.4



#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

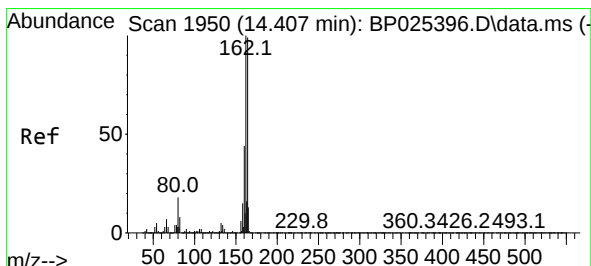
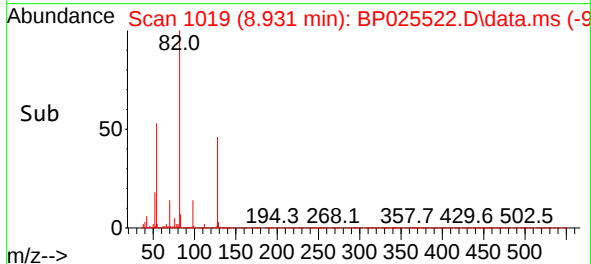
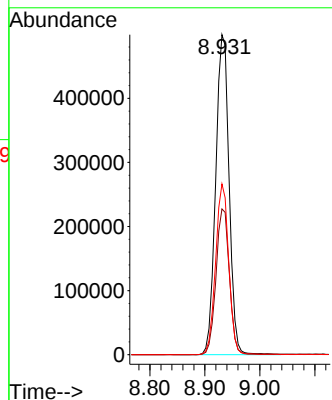
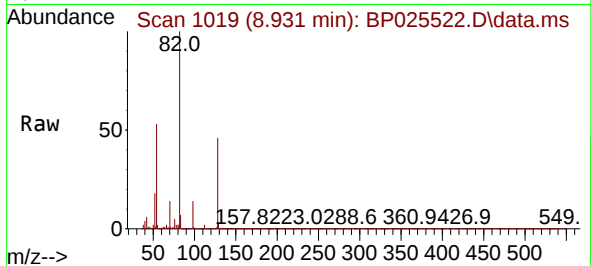




#23
Nitrobenzene-d5
Concen: 47.283 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025522.D
Acq: 21 Aug 2025 01:15

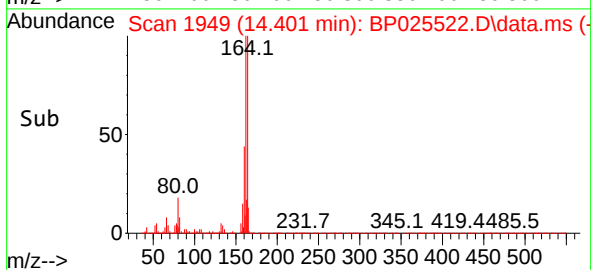
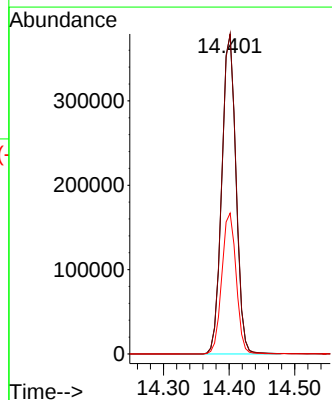
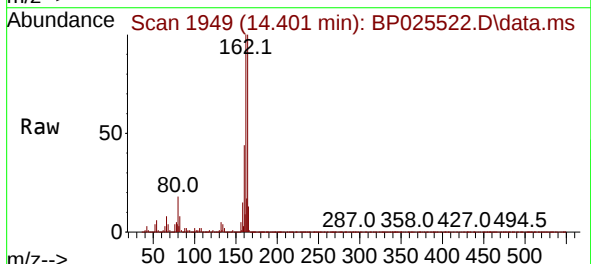
Instrument :
BNA_P
ClientSampleId :
TW-518R-NRE

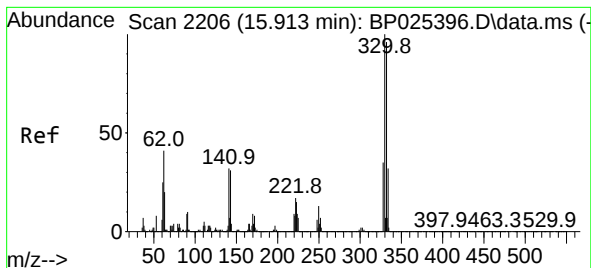
Tgt Ion: 82 Resp: 847098
Ion Ratio Lower Upper
82 100
128 45.5 37.7 56.5
54 53.4 39.8 59.6



#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

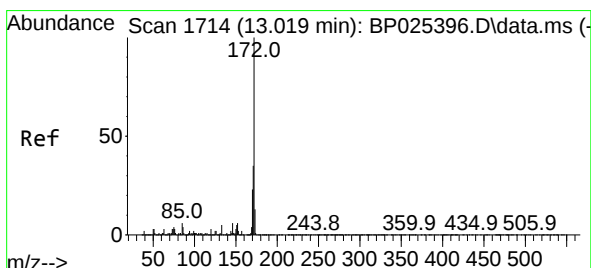
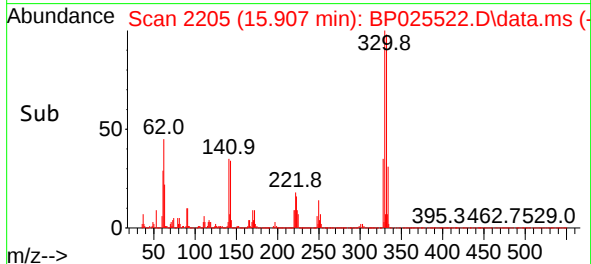
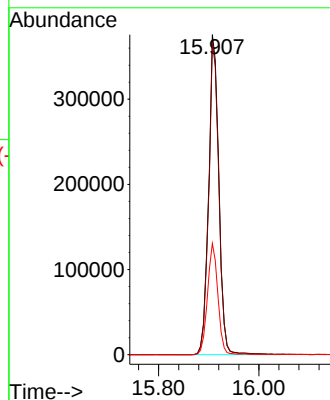
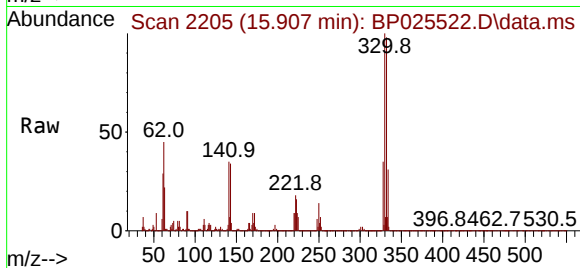
Tgt Ion:330 Resp: 535614

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

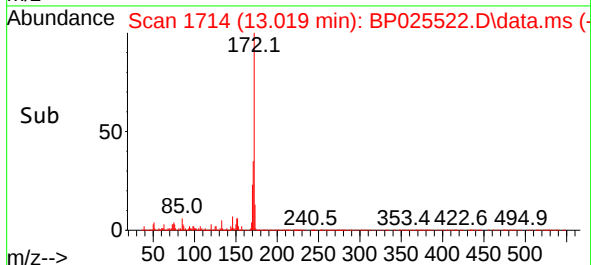
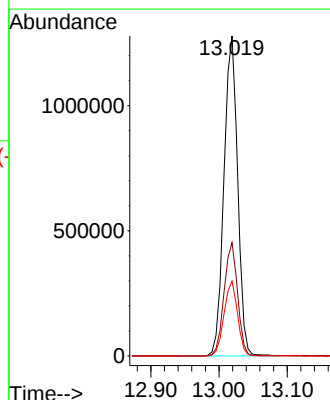
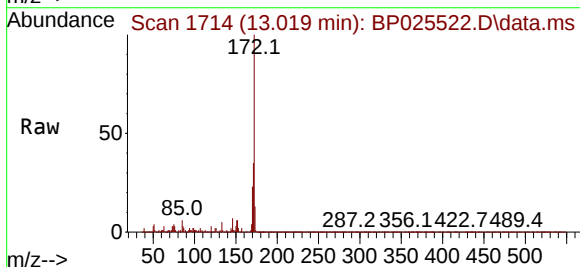
Tgt Ion:172 Resp: 1785576

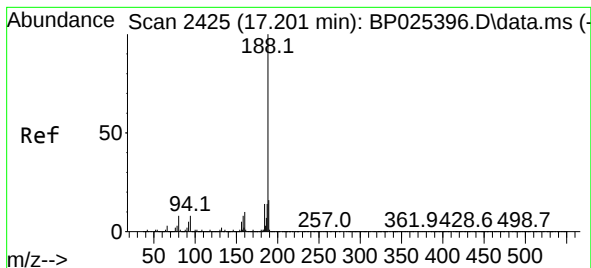
Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 23.4 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 24

Delta R.T. -0.012 min

Lab File: BP025522.D

Acq: 21 Aug 2025 01:15

Instrument :

BNA_P

ClientSampleId :

TW-518R-NRE

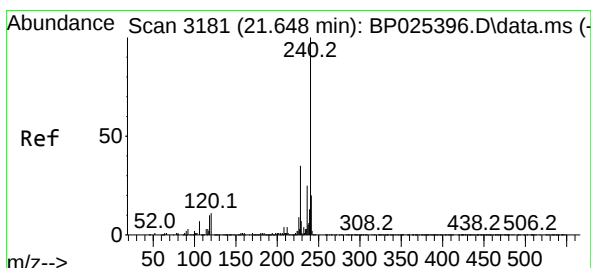
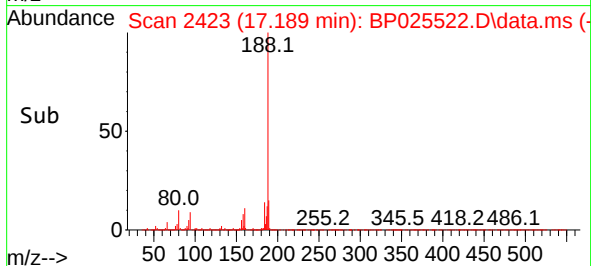
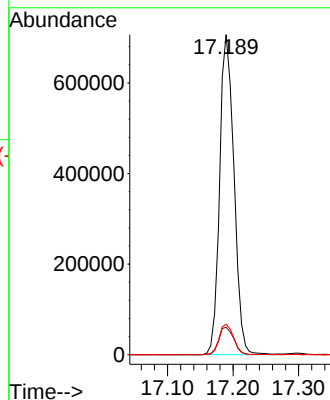
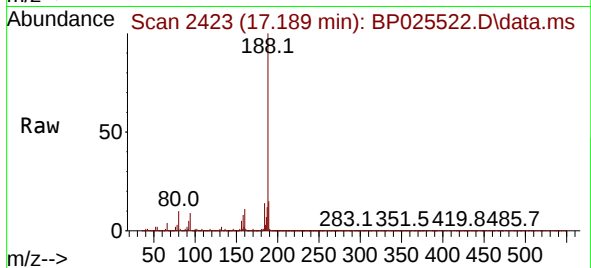
Tgt Ion:188 Resp: 1067338

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# 3180

Delta R.T. -0.006 min

Lab File: BP025522.D

Acq: 21 Aug 2025 01:15

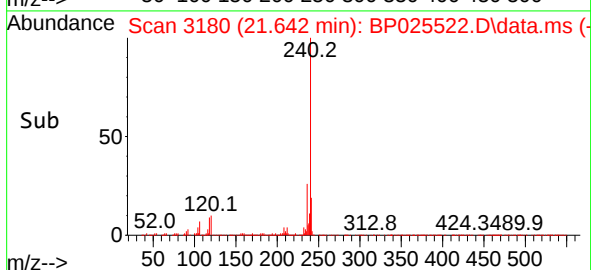
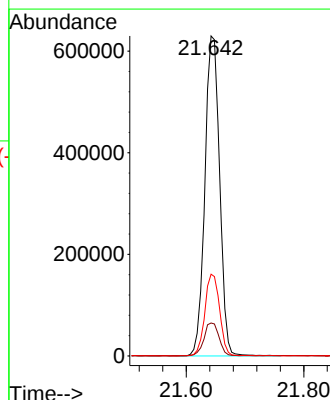
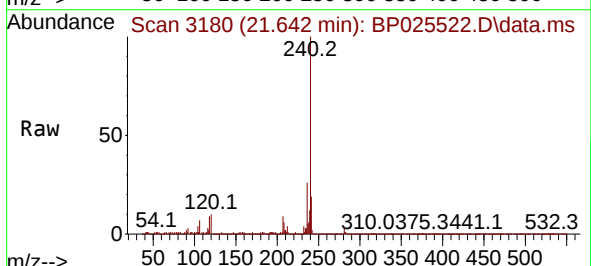
Tgt Ion:240 Resp: 1097367

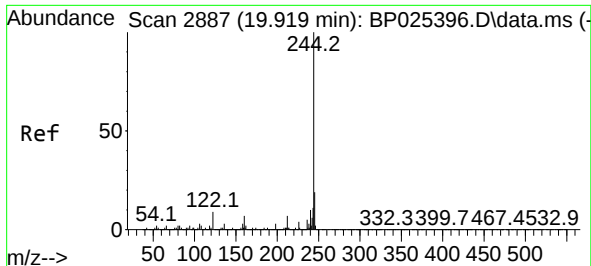
Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

236 25.6 19.8 29.8

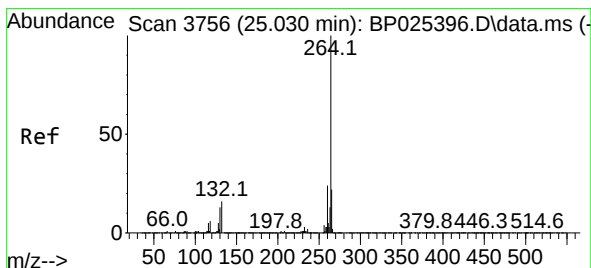
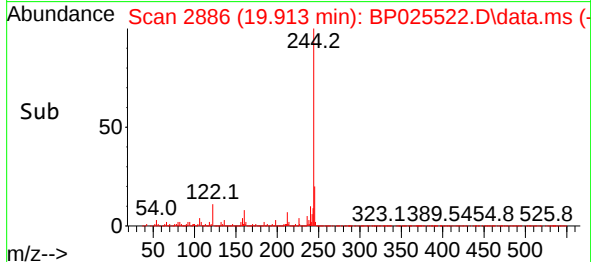
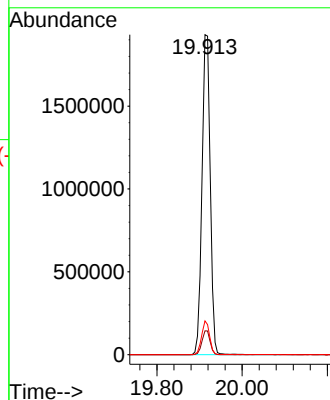
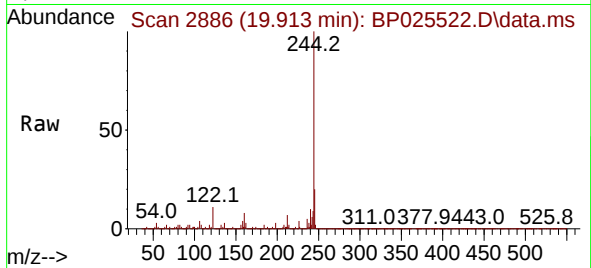




#79
 Terphenyl-d14
 Concen: 43.260 ng
 RT: 19.913 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP025522.D
 Acq: 21 Aug 2025 01:15

Instrument :
 BNA_P
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 TW-518R-NRE

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# 3755
 Delta R.T. -0.006 min
 Lab File: BP025522.D
 Acq: 21 Aug 2025 01:15

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

