

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025518.D
 Acq On : 20 Aug 2025 22:32
 Operator : CG/JU
 Sample : Q2819-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 84SB-E

Quant Time: Aug 21 01:39:17 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	165240	20.000	ng	-0.01
21) Naphthalene-d8	10.555	136	628985	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	393407	20.000	ng	0.00
64) Phenanthrene-d10	17.195	188	801033	20.000	ng	# 0.00
76) Chrysene-d12	21.636	240	913525	20.000	ng	-0.01
86) Perylene-d12	25.013	264	999794	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	966554	97.141	ng	0.00
7) Phenol-d6	6.966	99	1190628	93.333	ng	0.00
23) Nitrobenzene-d5	8.925	82	812400	65.336	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	518755	97.965	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	1594469	55.391	ng	0.00
79) Terphenyl-d14	19.913	244	2569178	51.454	ng	0.00

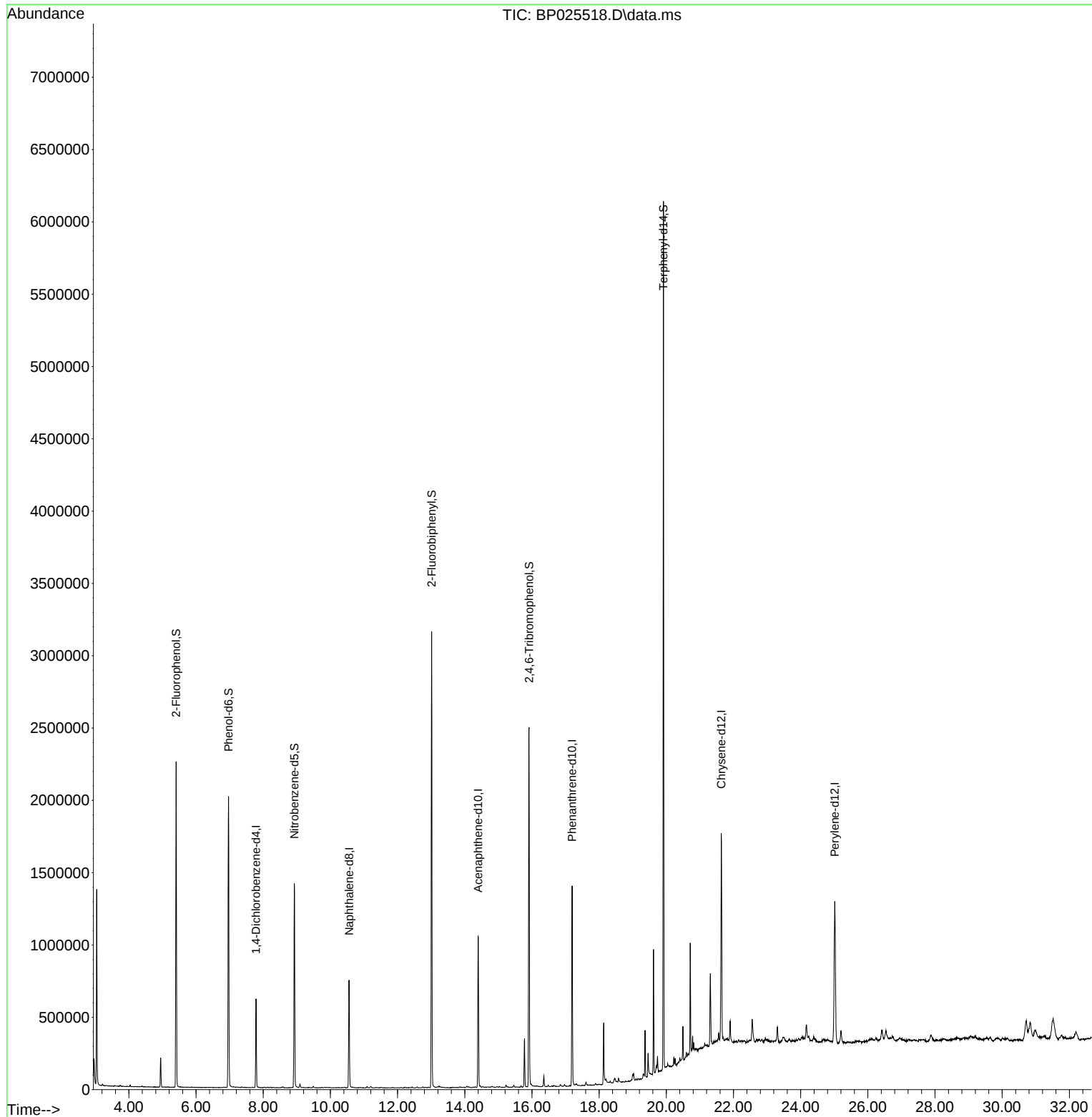
Target Compounds	Qvalue

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

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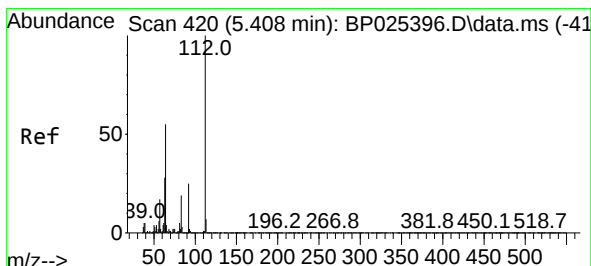
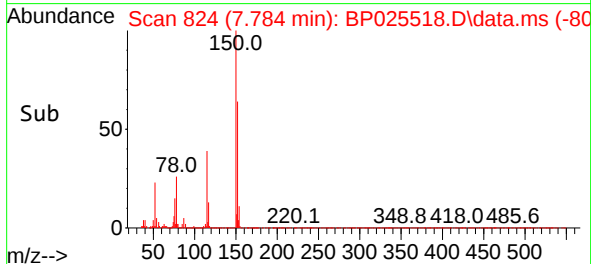
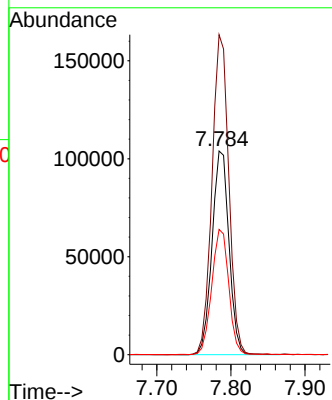
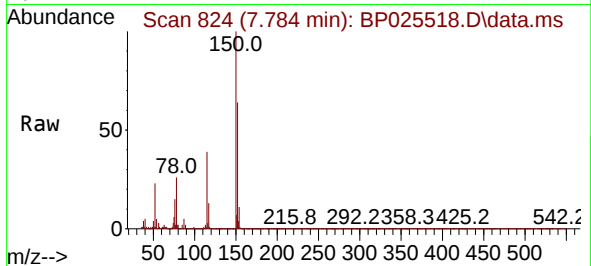




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025518.D
Acq: 20 Aug 2025 22:32

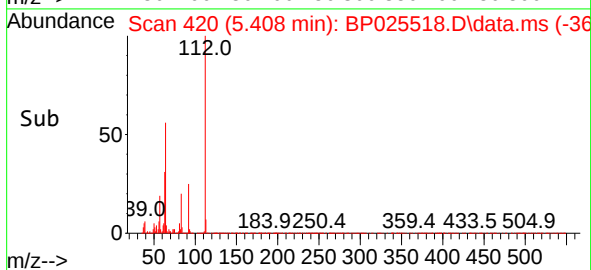
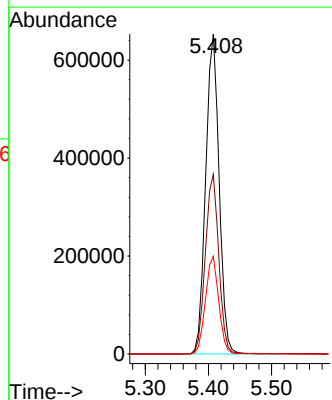
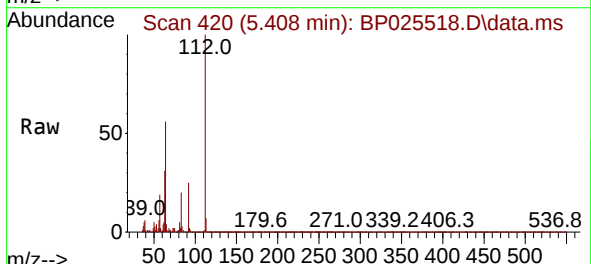
Instrument :
BNA_P
ClientSampleId :
84SB-E

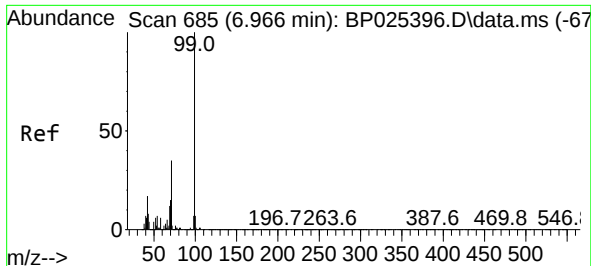
Tgt Ion:152 Resp: 165240
Ion Ratio Lower Upper
152 100
150 157.1 125.9 188.9
115 61.5 48.5 72.7



#5
2-Fluorophenol
Concen: 97.141 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025518.D
Acq: 20 Aug 2025 22:32

Tgt Ion:112 Resp: 966554
Ion Ratio Lower Upper
112 100
64 56.1 43.8 65.8
63 30.5 22.7 34.1





#7

Phenol-d6

Concen: 93.333 ng

RT: 6.966 min Scan# 61

Delta R.T. 0.000 min

Lab File: BP025518.D

Acq: 20 Aug 2025 22:32

Instrument :

BNA_P

ClientSampleId :

84SB-E

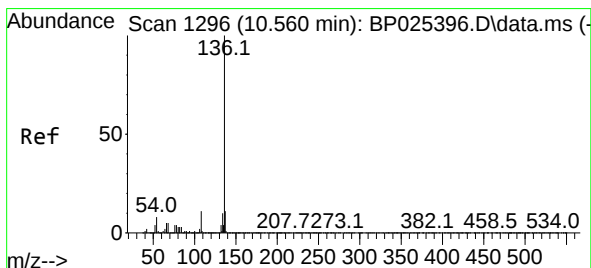
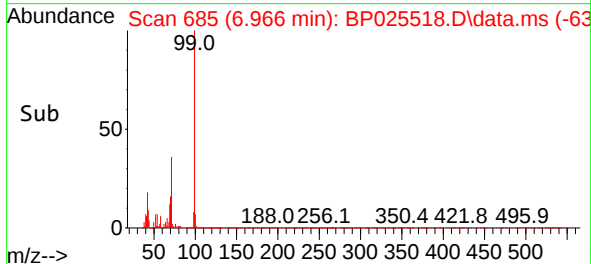
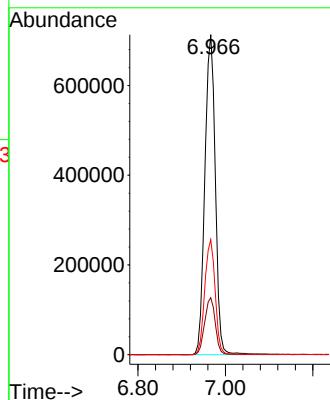
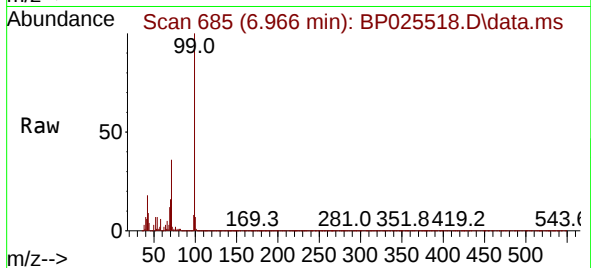
Tgt Ion: 99 Resp: 1190628

Ion Ratio Lower Upper

99 100

42 17.8 13.7 20.5

71 35.9 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: BP025518.D

Acq: 20 Aug 2025 22:32

Tgt Ion:136 Resp: 628985

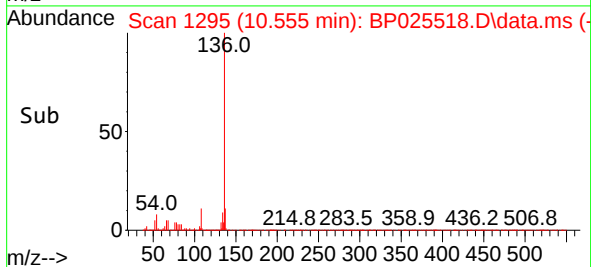
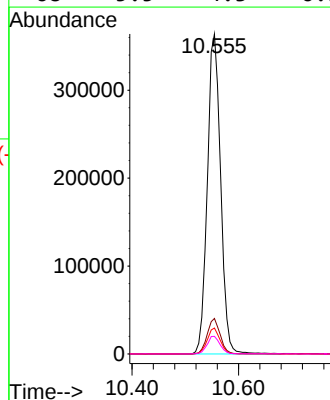
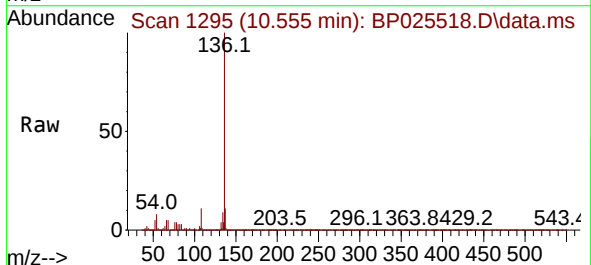
Ion Ratio Lower Upper

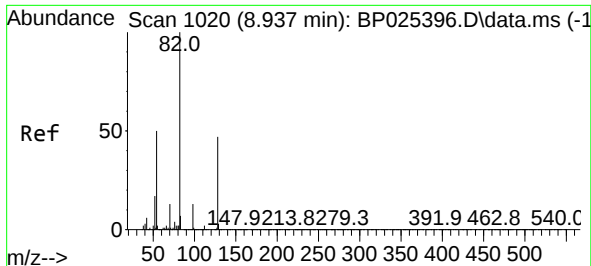
136 100

137 11.1 9.2 13.8

54 8.1 6.0 9.0

68 5.5 4.3 6.5

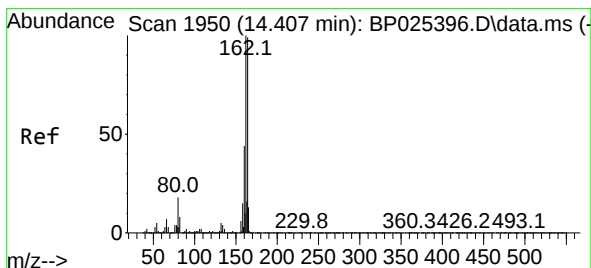
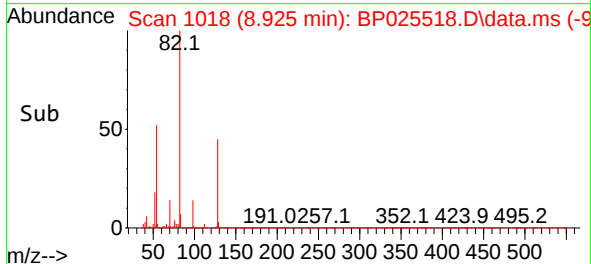
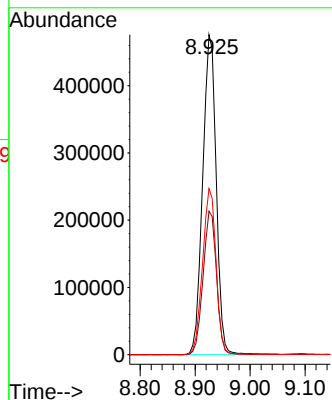
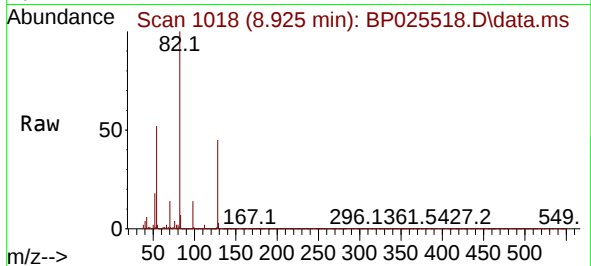




#23
Nitrobenzene-d5
Concen: 65.336 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025518.D
Acq: 20 Aug 2025 22:32

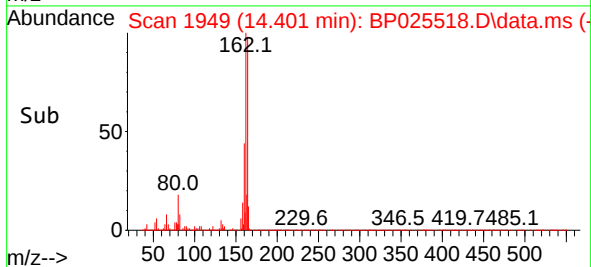
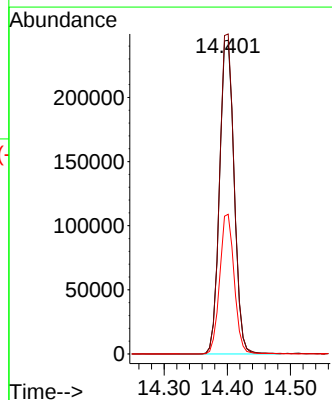
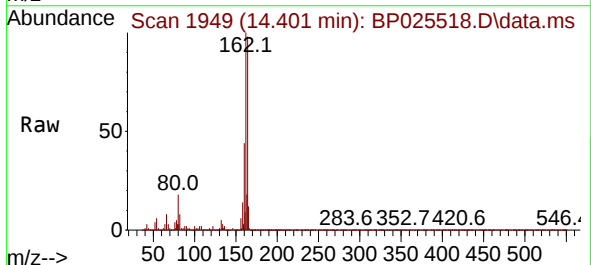
Instrument :
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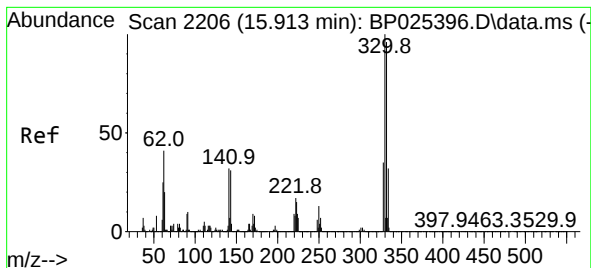
Tgt Ion: 82 Resp: 812400
Ion Ratio Lower Upper
82 100
128 44.8 37.7 56.5
54 51.9 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025518.D
Acq: 20 Aug 2025 22:32

Tgt Ion:164 Resp: 393407
Ion Ratio Lower Upper
164 100
162 102.0 81.0 121.6
160 44.5 35.4 53.2

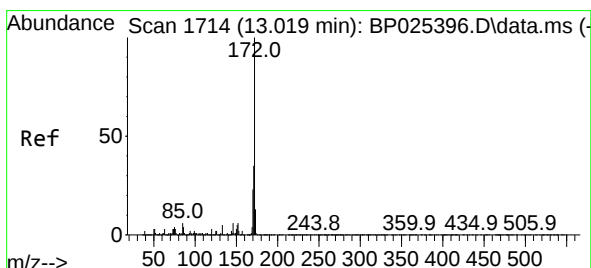
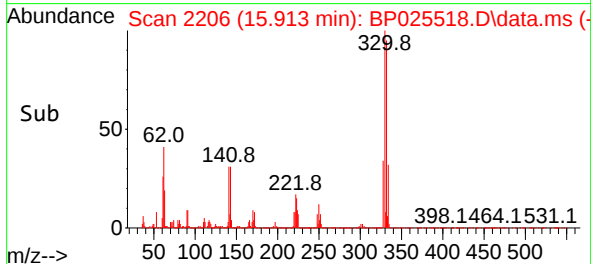
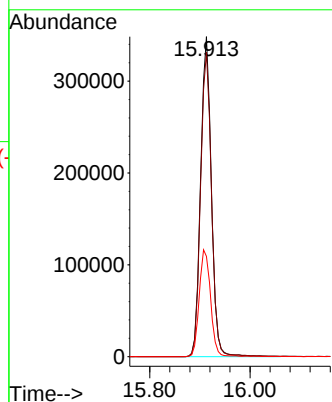
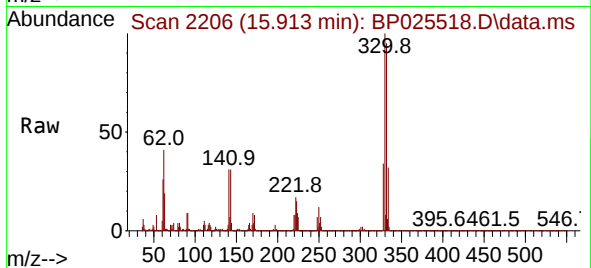




#42
2,4,6-Tribromophenol
Concen: 97.965 ng
RT: 15.913 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025518.D
Acq: 20 Aug 2025 22:32

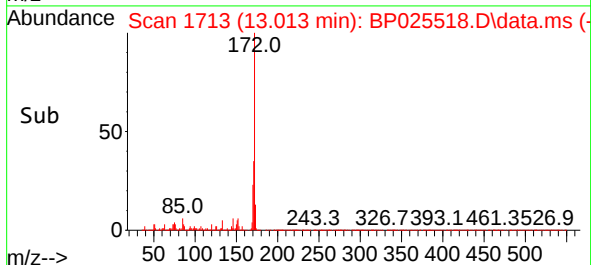
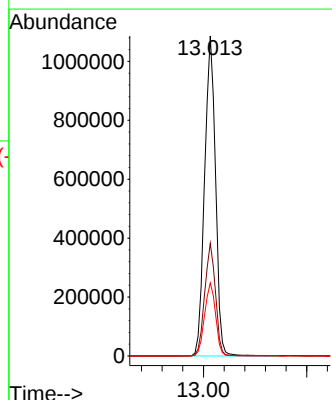
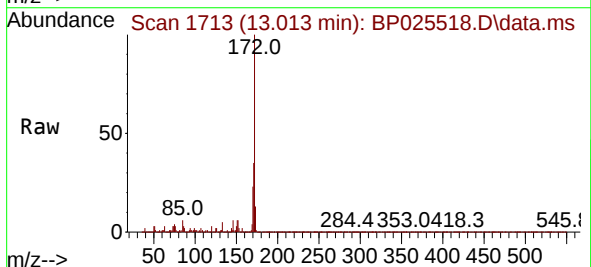
Instrument :
BNA_P
ClientSampleId :
84SB-E

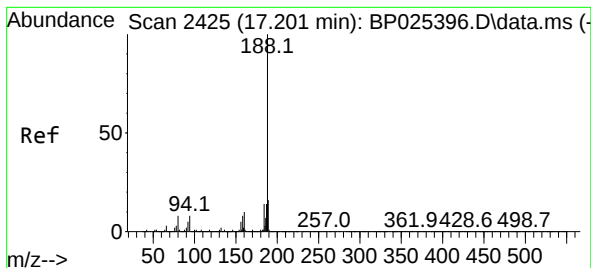
Tgt Ion:330 Resp: 518755
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 35.2 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 55.391 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025518.D
Acq: 20 Aug 2025 22:32

Tgt Ion:172 Resp: 1594469
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 22.8 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.195 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BP025518.D

Acq: 20 Aug 2025 22:32

Instrument :

BNA_P

ClientSampleId :

84SB-E

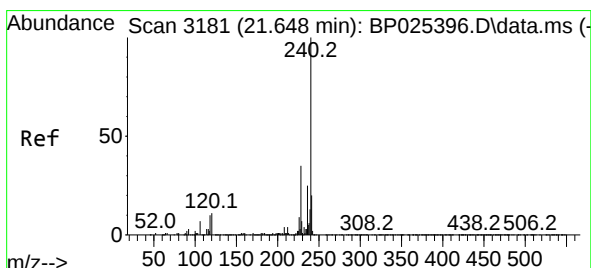
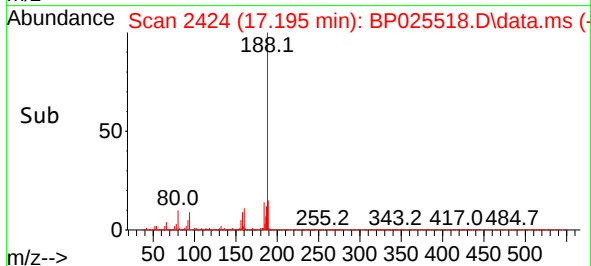
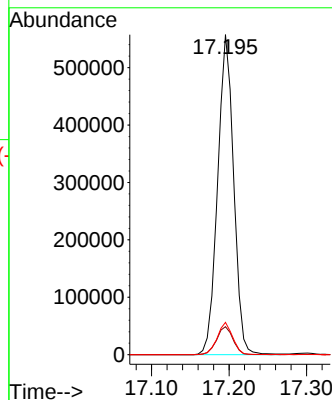
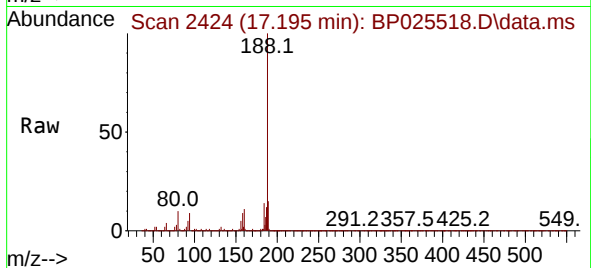
Tgt Ion:188 Resp: 801033

Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 10.1 6.7 10.1#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.636 min Scan# 3179

Delta R.T. -0.012 min

Lab File: BP025518.D

Acq: 20 Aug 2025 22:32

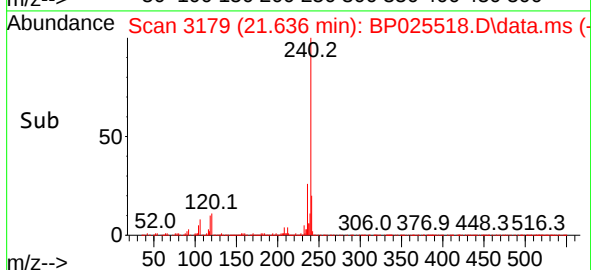
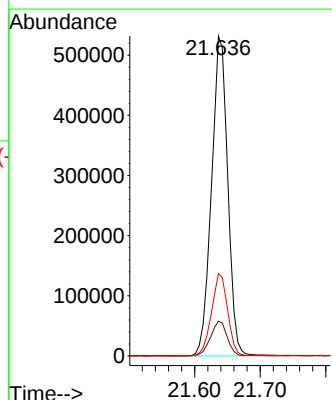
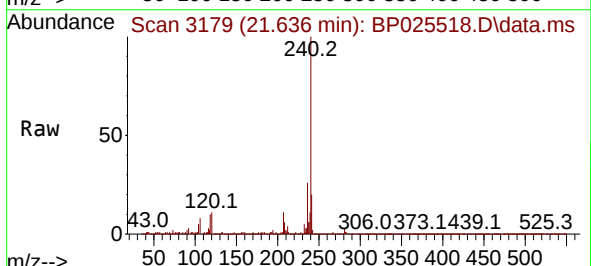
Tgt Ion:240 Resp: 913525

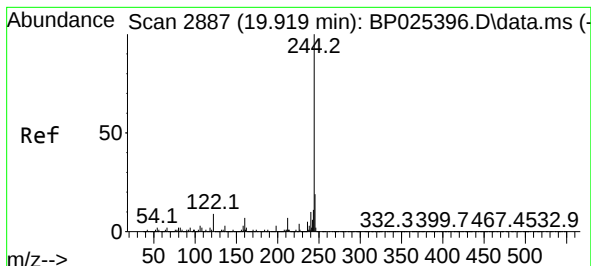
Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

236 25.7 19.8 29.8





#79

Terphenyl-d14

Concen: 51.454 ng

RT: 19.913 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025518.D

Acq: 20 Aug 2025 22:32

Instrument :

BNA_P

ClientSampleId :

84SB-E

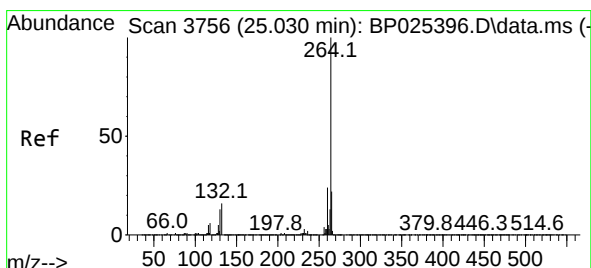
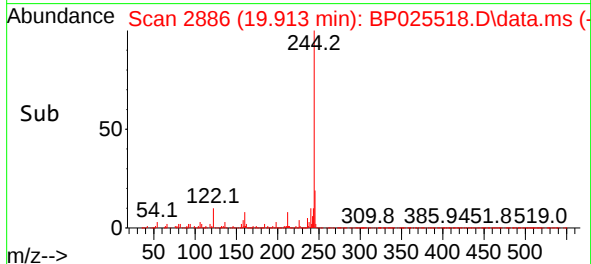
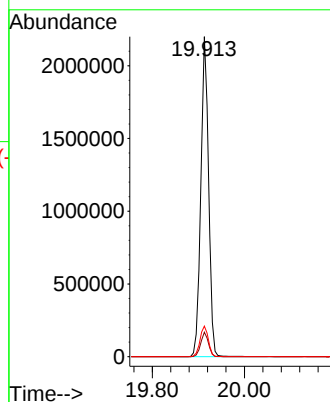
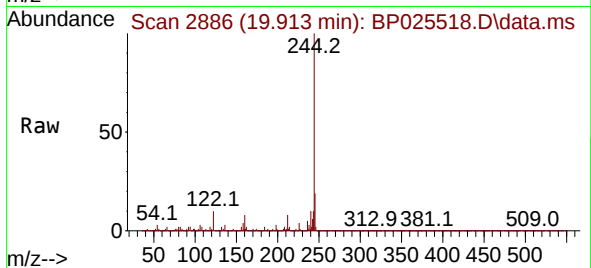
Tgt Ion:244 Resp: 2569178

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

122 9.6 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.013 min Scan# 3753

Delta R.T. -0.017 min

Lab File: BP025518.D

Acq: 20 Aug 2025 22:32

Tgt Ion:264 Resp: 999794

Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 22.6 17.4 26.0

