

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025597.D
Acq On : 27 Aug 2025 10:20
Operator : CG/JU
Sample : PB169370BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169370BL

Quant Time: Aug 27 10:56:55 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	7.772	152	142863	20.000	ng	-0.02
21) Naphthalene-d8	10.549	136	561480	20.000	ng	-0.01
39) Acenaphthene-d10	14.401	164	364523	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	819210	20.000	ng	0.00
76) Chrysene-d12	21.648	240	998187	20.000	ng	0.00
86) Perylene-d12	25.018	264	1177188	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	1189127	138.229	ng	0.00
7) Phenol-d6	6.972	99	1461347	132.498	ng	0.00
23) Nitrobenzene-d5	8.919	82	931799	83.949	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	705767	143.843	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	2150241	80.618	ng	-0.01
79) Terphenyl-d14	19.919	244	4300247	78.819	ng	0.00

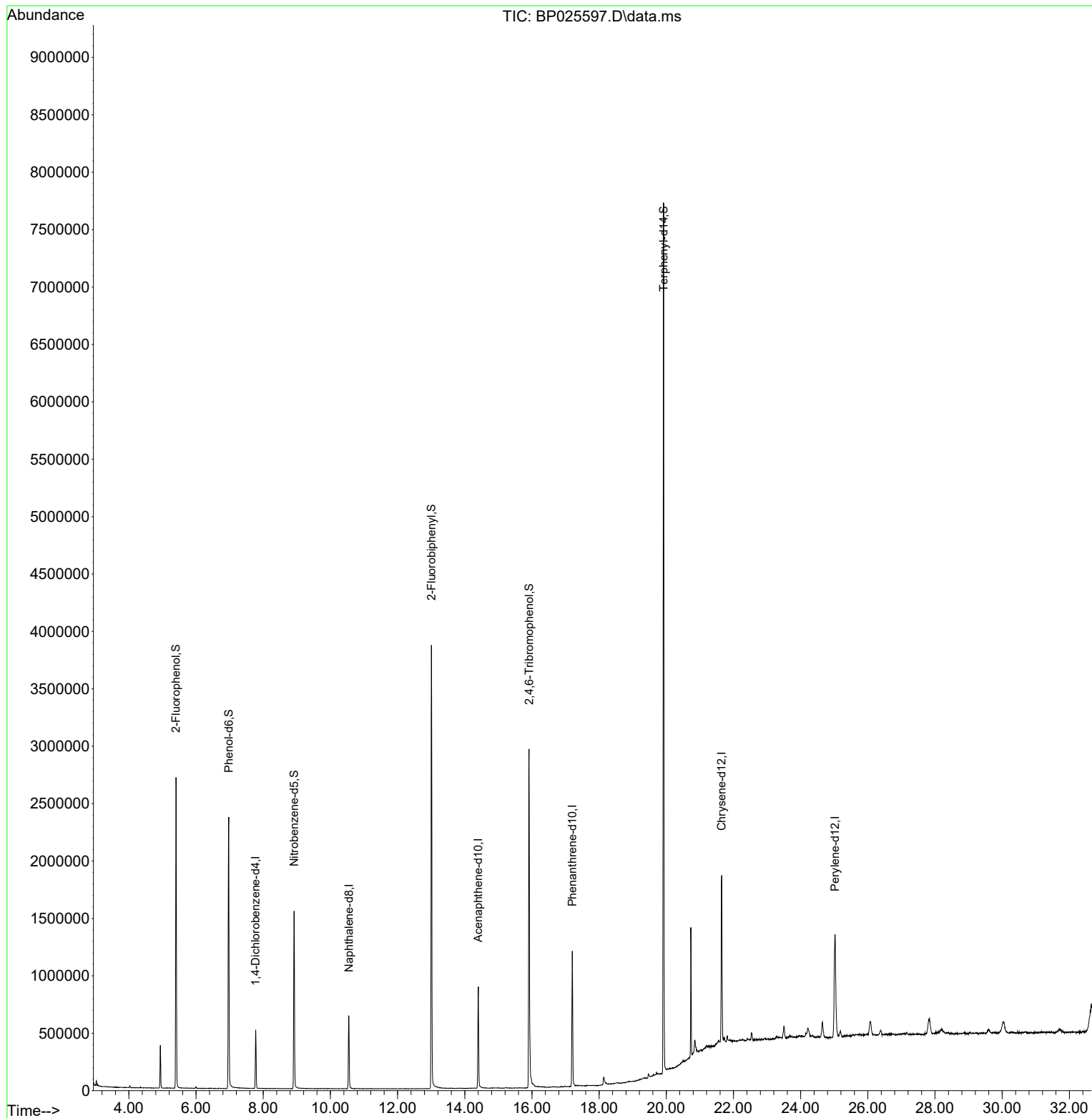
Target Compounds	Qvalue

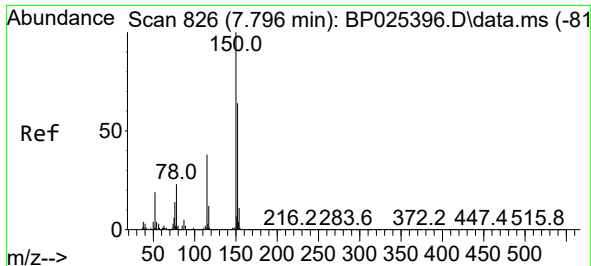
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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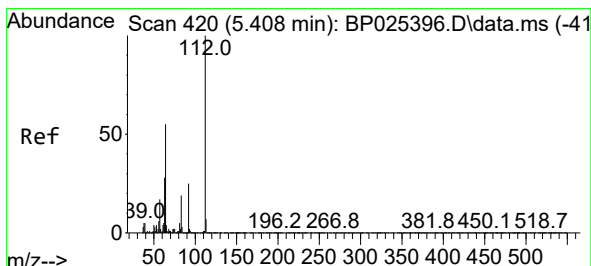
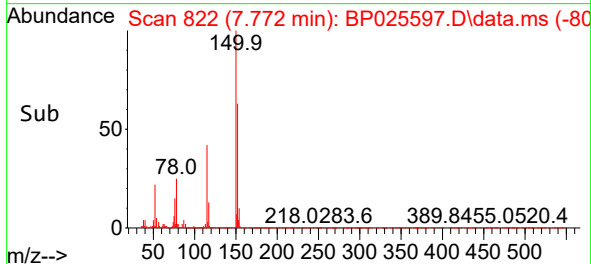
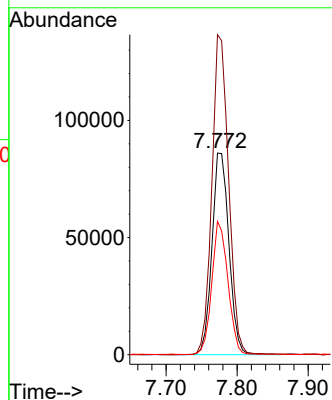
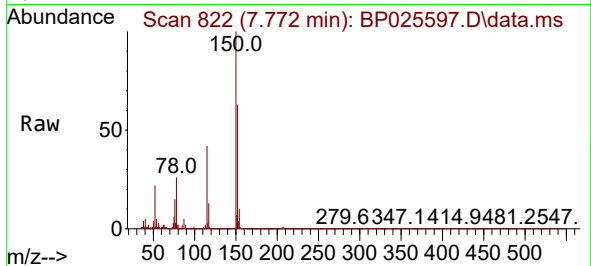




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025597.D
Acq: 27 Aug 2025 10:20

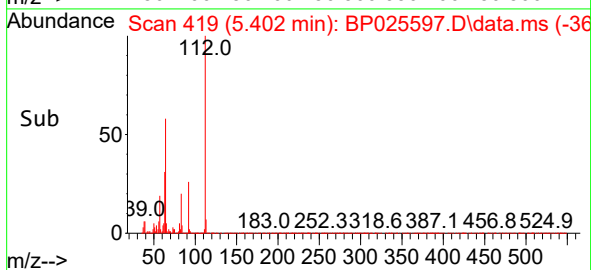
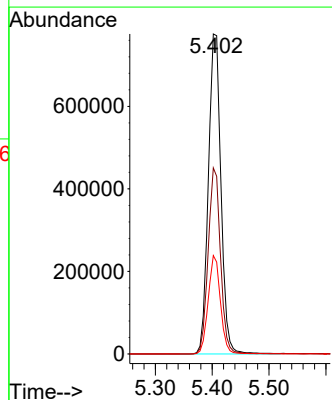
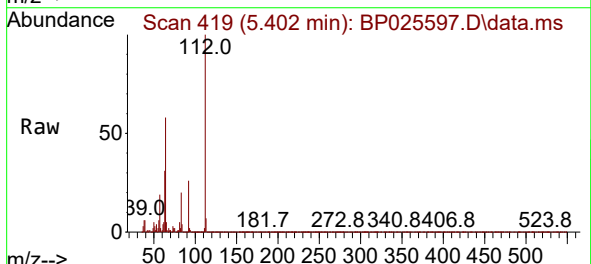
Instrument :
BNA_P
ClientSampleId :
PB169370BL

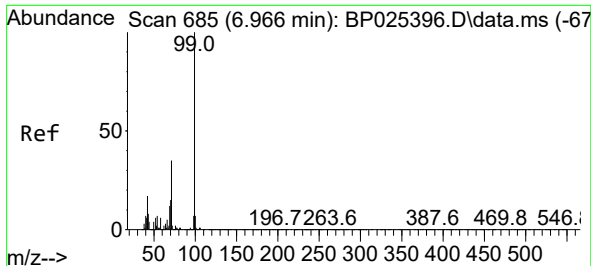
Tgt Ion:152 Resp: 142863
Ion Ratio Lower Upper
152 100
150 158.8 125.9 188.9
115 66.1 48.5 72.7



#5
2-Fluorophenol
Concen: 138.229 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025597.D
Acq: 27 Aug 2025 10:20

Tgt Ion:112 Resp: 1189127
Ion Ratio Lower Upper
112 100
64 58.1 43.8 65.8
63 30.8 22.7 34.1

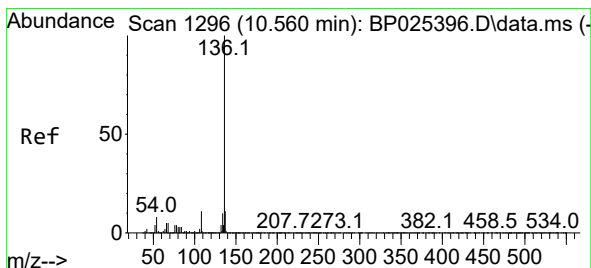
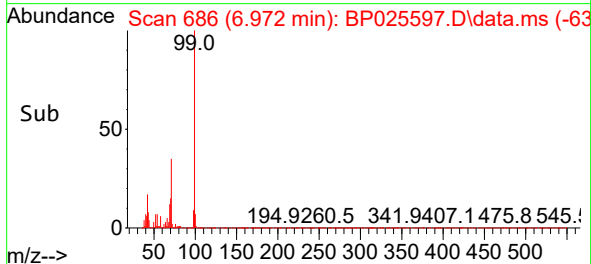
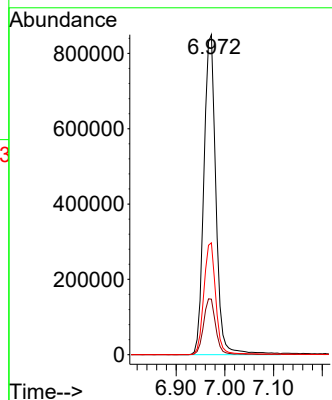
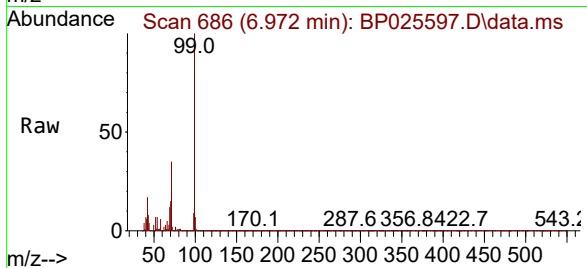




#7
Phenol-d6
Concen: 132.498 ng
RT: 6.972 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025597.D
Acq: 27 Aug 2025 10:20

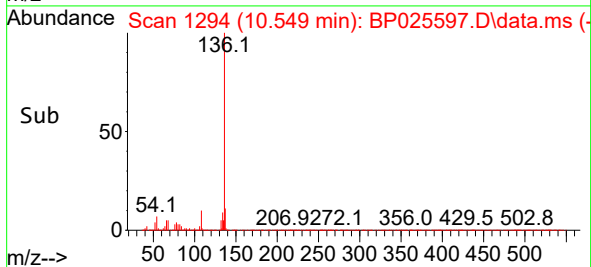
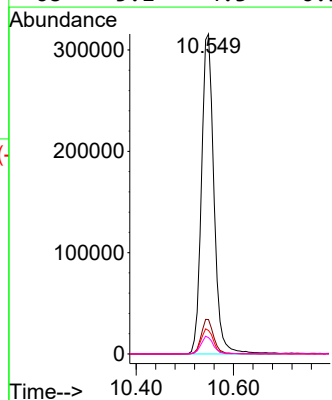
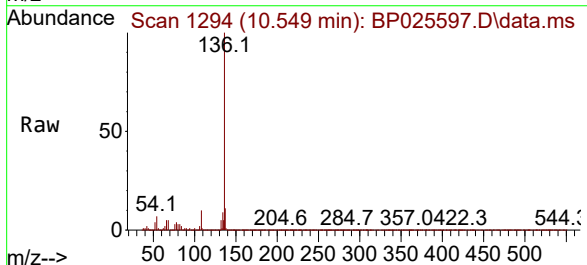
Instrument :
BNA_P
ClientSampleId :
PB169370BL

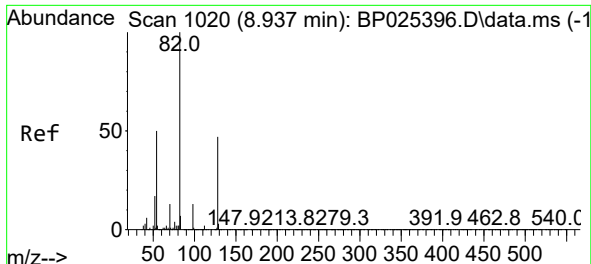
Tgt Ion: 99 Resp: 1461347
Ion Ratio Lower Upper
99 100
42 17.3 13.7 20.5
71 34.9 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.549 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BP025597.D
Acq: 27 Aug 2025 10:20

Tgt Ion:136 Resp: 561480
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.4 6.0 9.0
68 5.1 4.3 6.5

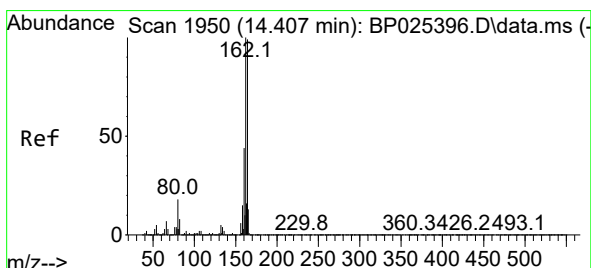
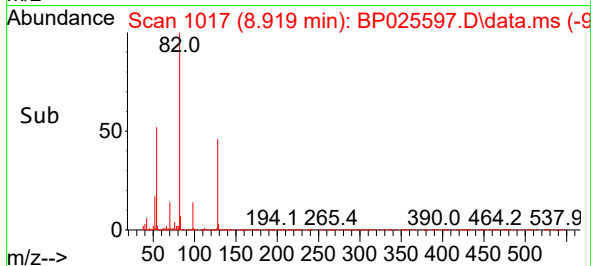
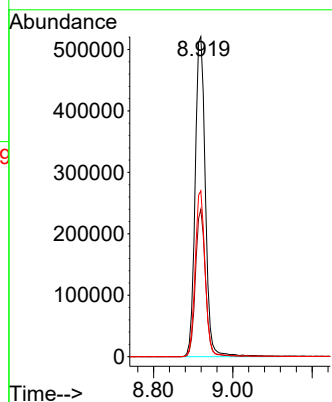
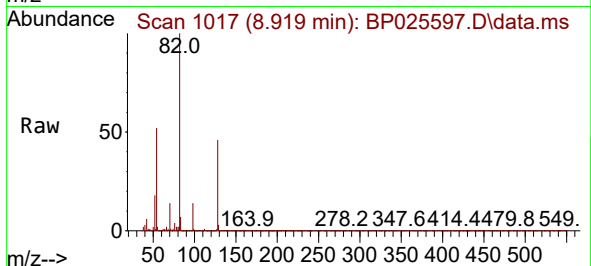




#23
Nitrobenzene-d5
Concen: 83.949 ng
RT: 8.919 min Scan# 1017
Delta R.T. -0.017 min
Lab File: BP025597.D
Acq: 27 Aug 2025 10:20

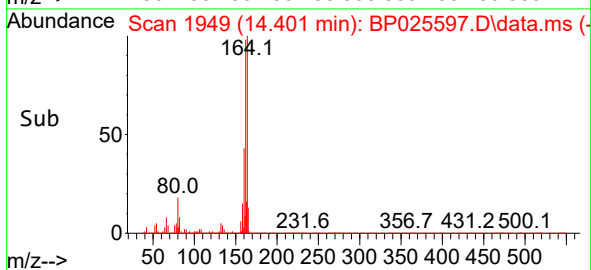
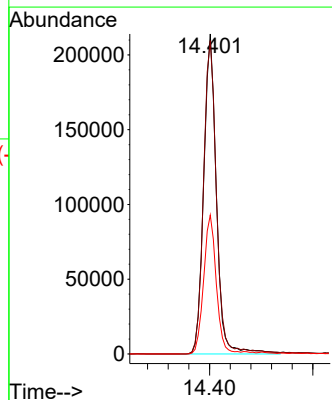
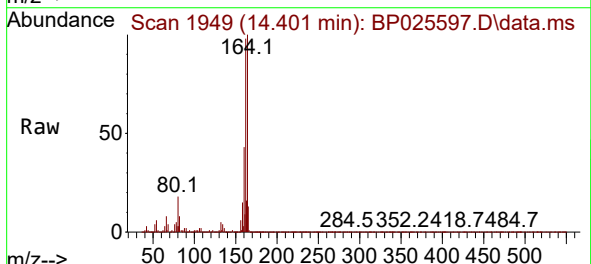
Instrument :
BNA_P
ClientSampleId :
PB169370BL

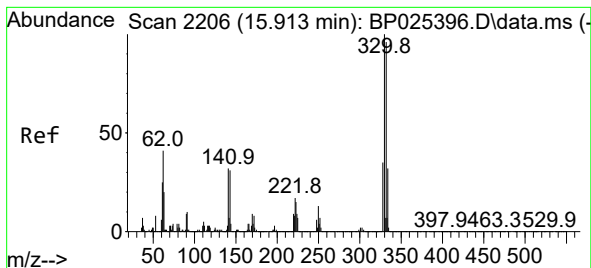
Tgt Ion: 82 Resp: 931799
Ion Ratio Lower Upper
82 100
128 46.0 37.7 56.5
54 51.9 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025597.D
Acq: 27 Aug 2025 10:20

Tgt Ion:164 Resp: 364523
Ion Ratio Lower Upper
164 100
162 97.9 81.0 121.6
160 43.4 35.4 53.2

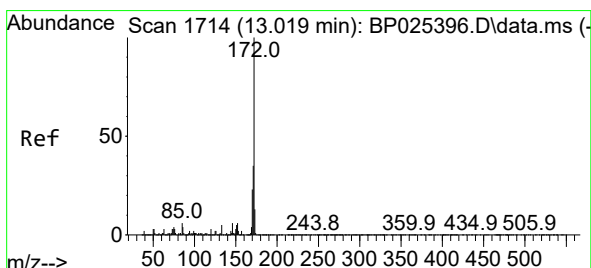
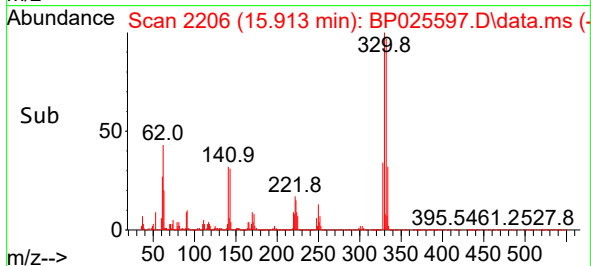
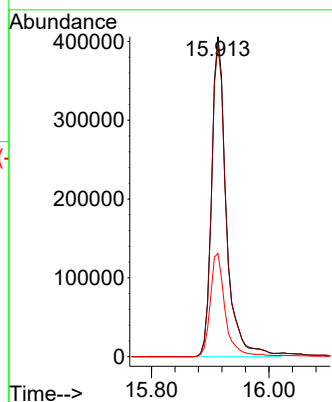
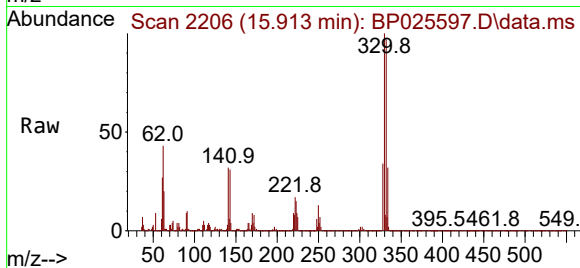




#42
2,4,6-Tribromophenol
Concen: 143.843 ng
RT: 15.913 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025597.D
Acq: 27 Aug 2025 10:20

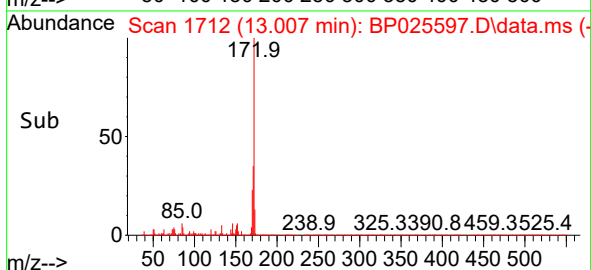
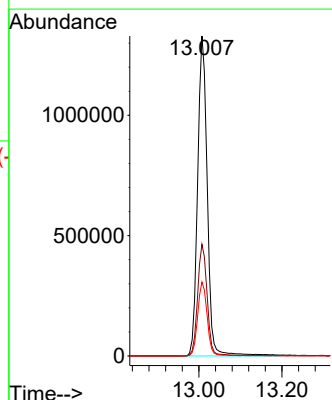
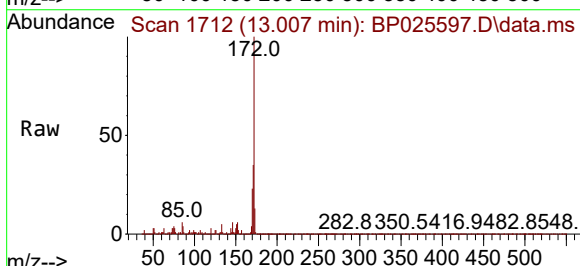
Instrument :
BNA_P
ClientSampleId :
PB169370BL

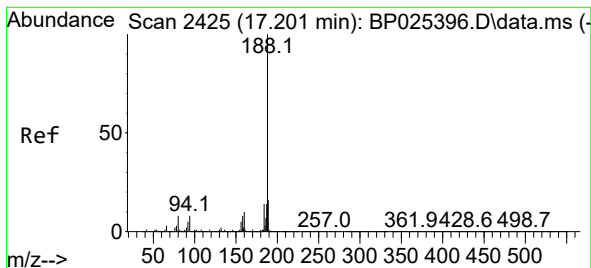
Tgt Ion:330 Resp: 705767
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 32.9 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 80.618 ng
RT: 13.007 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP025597.D
Acq: 27 Aug 2025 10:20

Tgt Ion:172 Resp: 2150241
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.1 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: BP025597.D

Acq: 27 Aug 2025 10:20

Instrument :

BNA_P

ClientSampleId :

PB169370BL

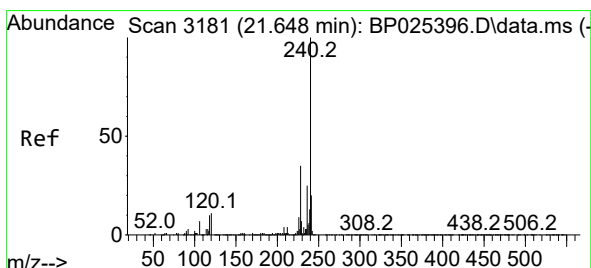
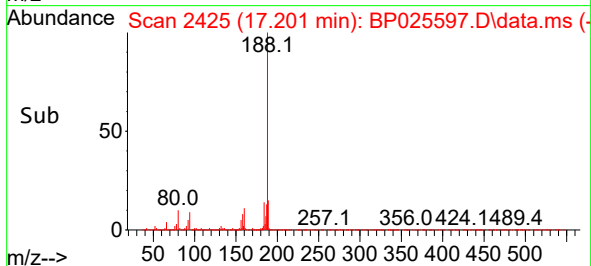
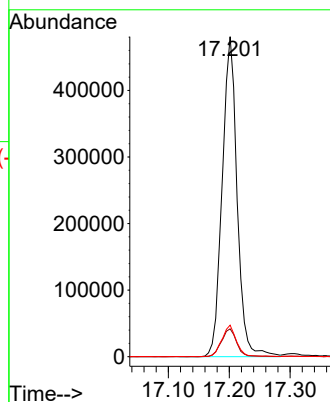
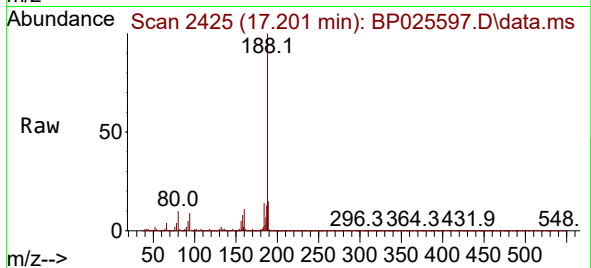
Tgt Ion:188 Resp: 819210

Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 9.8 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.648 min Scan# 3181

Delta R.T. 0.000 min

Lab File: BP025597.D

Acq: 27 Aug 2025 10:20

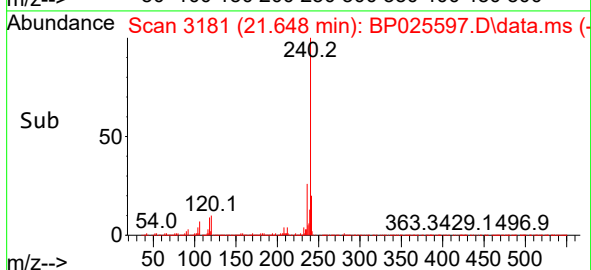
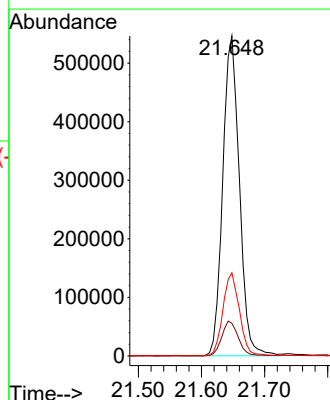
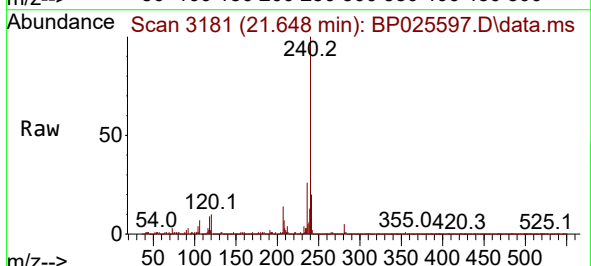
Tgt Ion:240 Resp: 998187

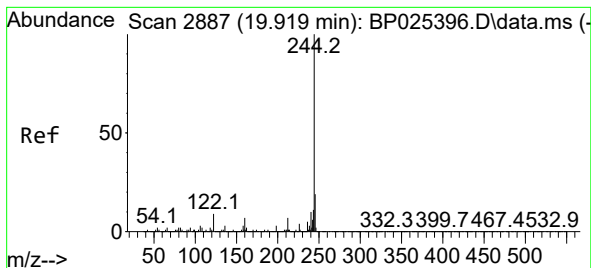
Ion Ratio Lower Upper

240 100

120 10.2 8.9 13.3

236 26.0 19.8 29.8





#79

Terphenyl-d14

Concen: 78.819 ng

RT: 19.919 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025597.D

Acq: 27 Aug 2025 10:20

Instrument :

BNA_P

ClientSampleId :

PB169370BL

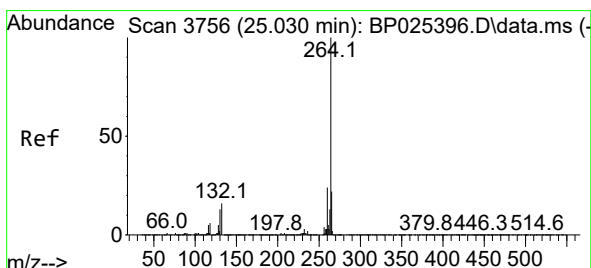
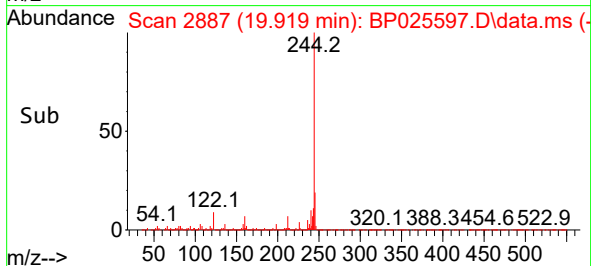
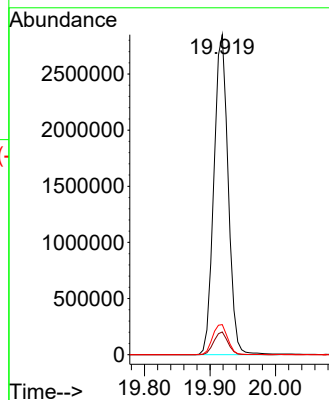
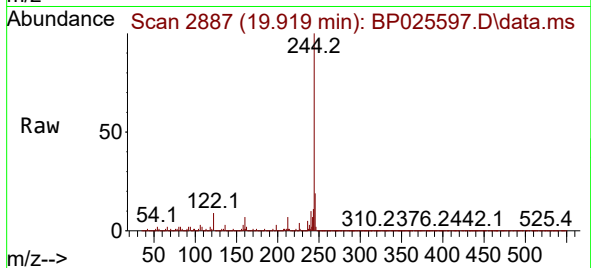
Tgt Ion:244 Resp: 4300247

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 9.4 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.018 min Scan# 3754

Delta R.T. -0.012 min

Lab File: BP025597.D

Acq: 27 Aug 2025 10:20

Tgt Ion:264 Resp: 1177188

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 22.3 17.4 26.0

